

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075812.D
 Acq On : 15 Dec 2022 13:00
 Operator : JC\MD
 Sample : VN1215WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 03:07:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	307030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	490451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	440617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	180372	54.000	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.000%			
35) Dibromofluoromethane	8.177	113	161487	53.168	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.340%			
50) Toluene-d8	10.571	98	609856	53.703	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.400%			
62) 4-Bromofluorobenzene	12.853	95	203092	53.996	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	41541	19.055	ug/l	97
3) Chloromethane	2.371	50	48972	18.065	ug/l	99
4) Vinyl Chloride	2.530	62	58104	17.969	ug/l	99
5) Bromomethane	2.953	94	50047	18.211	ug/l	94
6) Chloroethane	3.124	64	43175	18.030	ug/l	99
7) Trichlorofluoromethane	3.512	101	92176	18.786	ug/l	95
8) Diethyl Ether	3.971	74	37777	21.080	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	55338	19.751	ug/l	98
10) Methyl Iodide	4.600	142	87679	19.283	ug/l	99
11) Tert butyl alcohol	5.536	59	46023	97.375	ug/l #	85
12) 1,1-Dichloroethene	4.348	96	51650	18.981	ug/l	99
13) Acrolein	4.189	56	71971	124.209	ug/l	99
14) Allyl chloride	5.030	41	60861	19.132	ug/l	92
15) Acrylonitrile	5.736	53	129686	100.548	ug/l	99
16) Acetone	4.442	43	114921	99.807	ug/l	99
17) Carbon Disulfide	4.730	76	119575	18.149	ug/l	99
18) Methyl Acetate	5.030	43	67099	19.714	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	188685	21.056	ug/l	95
20) Methylene Chloride	5.283	84	63323	20.176	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	56170	18.848	ug/l	89
22) Diisopropyl ether	6.683	45	160858	20.816	ug/l	96
23) Vinyl Acetate	6.612	43	556315	106.959	ug/l	98
24) 1,1-Dichloroethane	6.577	63	101234	19.643	ug/l	98
25) 2-Butanone	7.494	43	164215	101.857	ug/l	95
26) 2,2-Dichloropropane	7.500	77	83717	19.182	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	68804	19.304	ug/l	95
28) Bromochloromethane	7.824	49	41625	18.428	ug/l	98
29) Tetrahydrofuran	7.847	42	104676	103.606	ug/l	100
30) Chloroform	7.971	83	113503	19.561	ug/l	97
31) Cyclohexane	8.265	56	88807	18.564	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	99089	19.262	ug/l	99
36) 1,1-Dichloropropene	8.377	75	79379	19.674	ug/l	99
37) Ethyl Acetate	7.565	43	66475	20.511	ug/l	97
38) Carbon Tetrachloride	8.371	117	88840	19.673	ug/l	96
39) Methylcyclohexane	9.606	83	100947	20.738	ug/l	97
40) Benzene	8.612	78	250372	20.112	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37842	22.464	ug/l	97
42) 1,2-Dichloroethane	8.677	62	84404	20.394	ug/l	99
43) Isopropyl Acetate	8.694	43	112415	21.028	ug/l	99
44) Trichloroethene	9.359	130	64881	18.500	ug/l	100
45) 1,2-Dichloropropane	9.624	63	60216	19.878	ug/l	99
46) Dibromomethane	9.712	93	45196	20.115	ug/l	97
47) Bromodichloromethane	9.894	83	90247	20.482	ug/l	93
48) Methyl methacrylate	9.682	41	51831	21.526	ug/l	98
49) 1,4-Dioxane	9.700	88	24348	411.319	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	343756	106.325	ug/l	99
52) Toluene	10.635	92	164058	20.235	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	89424	20.733	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	99407	20.992	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	67056	21.072	ug/l	98
56) Ethyl methacrylate	10.876	69	91052	21.541	ug/l	99
57) 1,3-Dichloropropane	11.165	76	109016	20.885	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	119974	89.150	ug/l	98
59) 2-Hexanone	11.200	43	248329	105.323	ug/l	100
60) Dibromochloromethane	11.359	129	70603	19.950	ug/l	98
61) 1,2-Dibromoethane	11.471	107	66724	20.720	ug/l	99
64) Tetrachloroethene	11.106	164	60154	19.401	ug/l	97
65) Chlorobenzene	11.894	112	175501	19.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	65456	19.541	ug/l	99
67) Ethyl Benzene	11.965	91	310179	20.322	ug/l	98
68) m/p-Xylenes	12.071	106	246939	40.876	ug/l	100
69) o-Xylene	12.400	106	120998	20.239	ug/l	98
70) Styrene	12.412	104	196904	20.714	ug/l	99
71) Bromoform	12.576	173	49796	20.430	ug/l #	98
73) Isopropylbenzene	12.700	105	315710	20.501	ug/l	99
74) N-amyl acetate	12.494	43	96341	21.325	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	94775	19.908	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	79955m	18.613	ug/l	
77) Bromobenzene	12.982	156	77464	19.877	ug/l	98
78) n-propylbenzene	13.035	91	356113	20.967	ug/l	99
79) 2-Chlorotoluene	13.129	91	212255	20.020	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	268705	20.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	24164	20.248	ug/l	96
82) 4-Chlorotoluene	13.129	91	212255	20.020	ug/l	100
83) tert-Butylbenzene	13.441	119	235903	20.760	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	270795	21.179	ug/l	99
85) sec-Butylbenzene	13.617	105	330727	21.086	ug/l	100
86) p-Isopropyltoluene	13.735	119	276558	21.191	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	143270	19.901	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	140777	19.142	ug/l	99
89) n-Butylbenzene	14.059	91	219797	20.789	ug/l	100
90) Hexachloroethane	14.335	117	46202	19.791	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	141741	19.989	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16177	19.151	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	68964	19.645	ug/l	100
94) Hexachlorobutadiene	15.506	225	38599	20.153	ug/l	98
95) Naphthalene	15.641	128	213173	19.758	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	67097	20.449	ug/l	99

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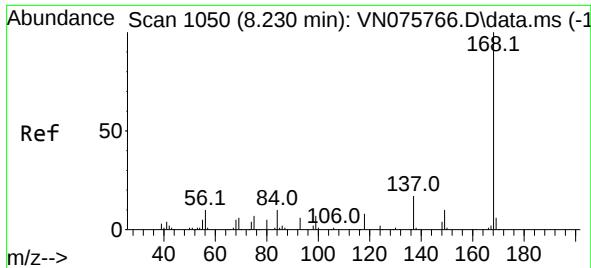
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



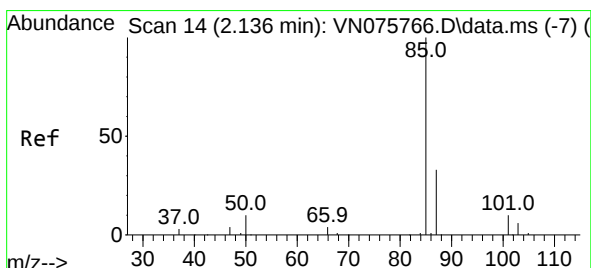
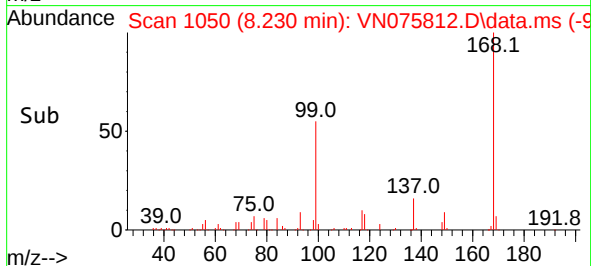
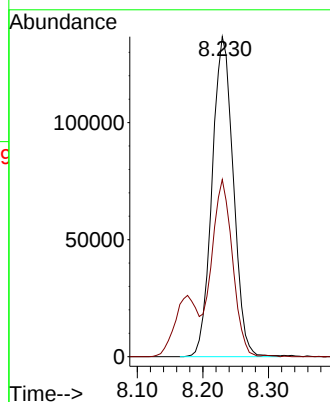
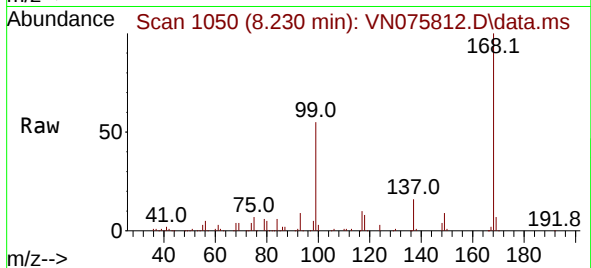
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
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VN1215WBSD01

Tgt Ion:168 Resp: 307030
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4

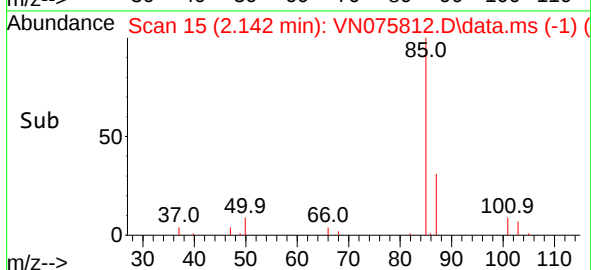
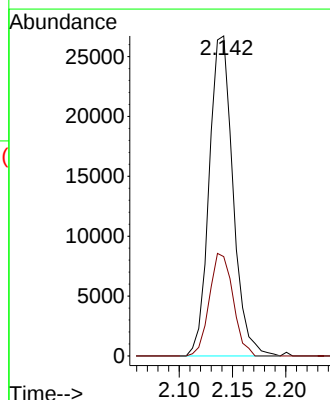
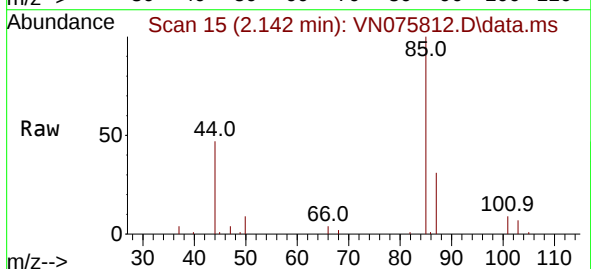
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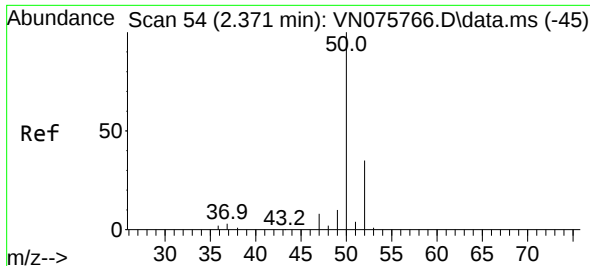
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#2
Dichlorodifluoromethane
Concen: 19.055 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 85 Resp: 41541
Ion Ratio Lower Upper
85 100
87 31.1 16.3 48.9





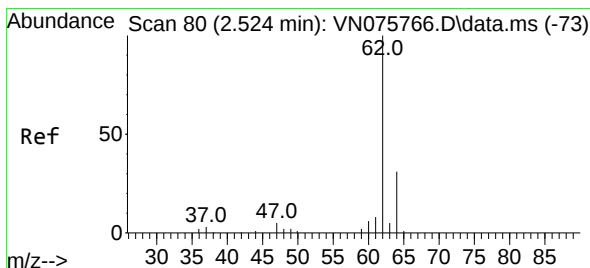
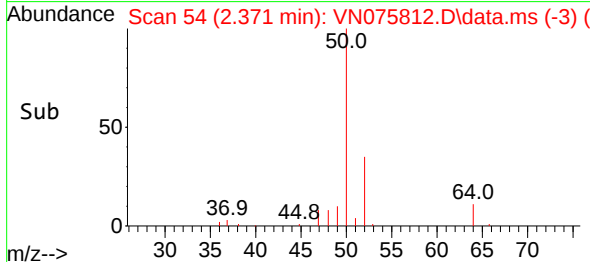
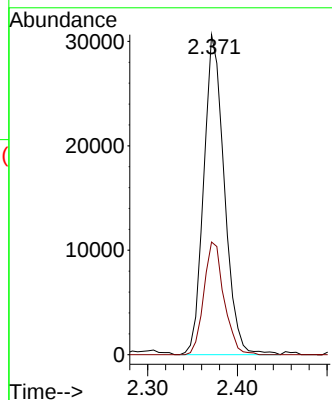
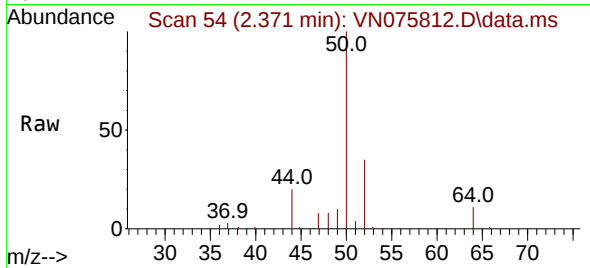
#3
Chloromethane
Concen: 18.065 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
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Tgt Ion: 50 Resp: 48972
Ion Ratio Lower Upper
50 100
52 35.2 27.7 41.5

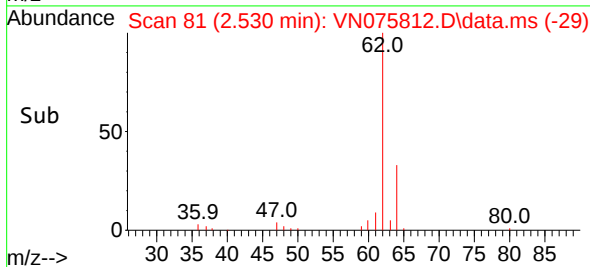
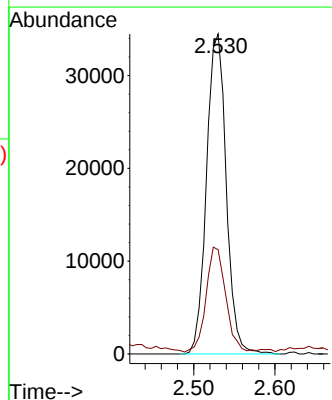
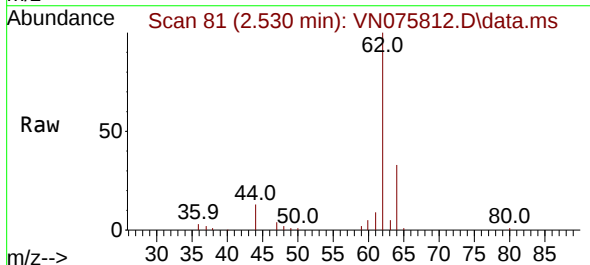
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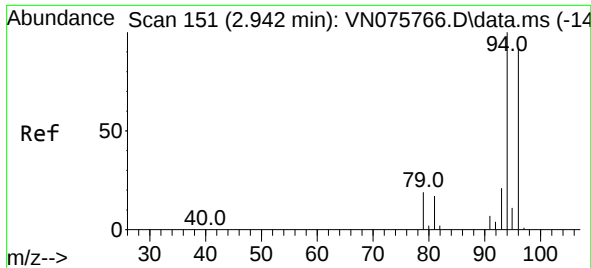
Reviewed By :John Carlone 12/16/2022
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#4
Vinyl Chloride
Concen: 17.969 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 62 Resp: 58104
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3





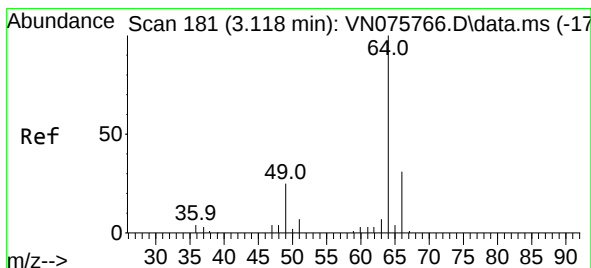
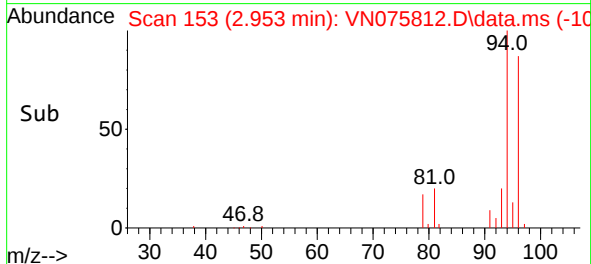
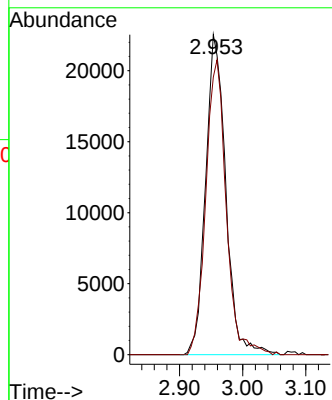
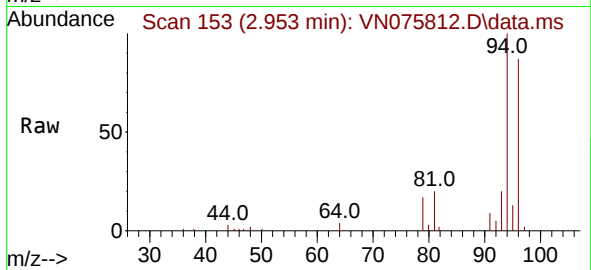
#5
Bromomethane
Concen: 18.211 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
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Tgt Ion: 94 Resp: 5004
Ion Ratio Lower Upper
94 100
96 86.8 73.8 110.6

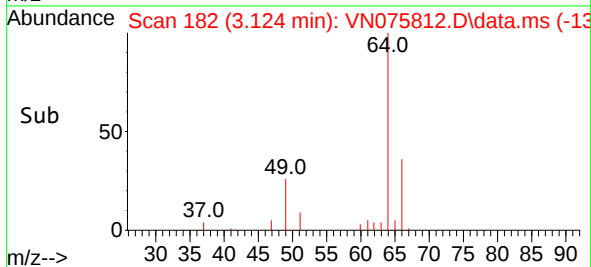
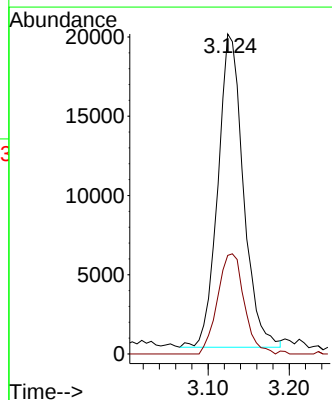
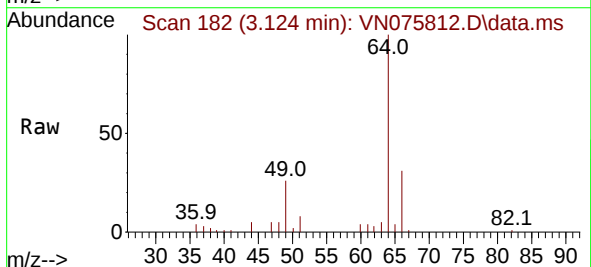
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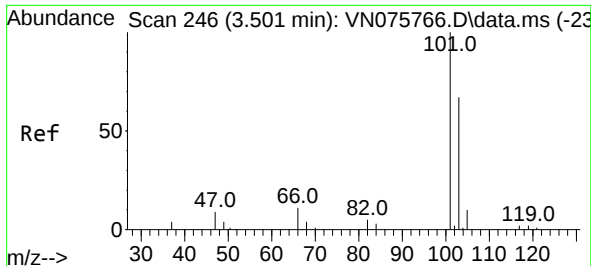
Reviewed By :John Carlone 12/16/2022
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#6
Chloroethane
Concen: 18.030 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 64 Resp: 43175
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8





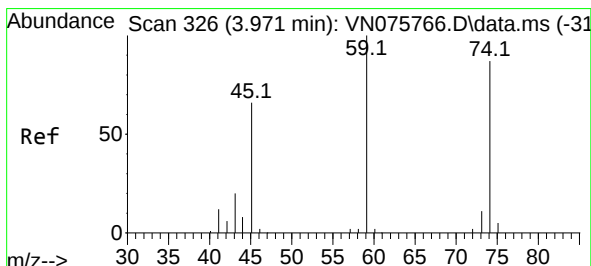
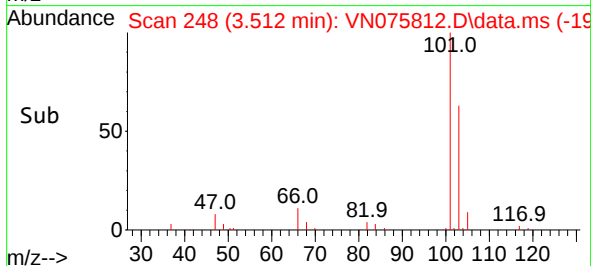
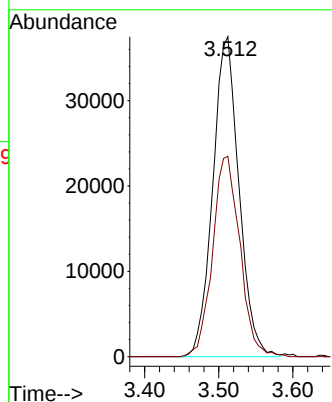
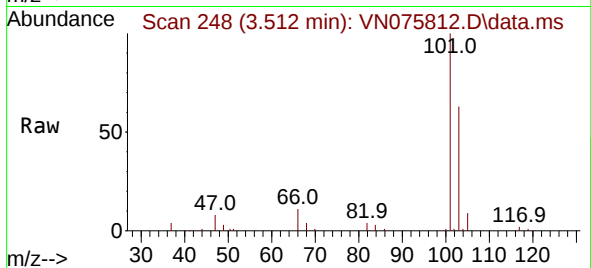
#7
 Trichlorofluoromethane
 Concen: 18.786 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075812.D
 Acq: 15 Dec 2022 13:00

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 92170
 Ion Ratio Lower Upper
 101 100
 103 62.6 53.4 80.2

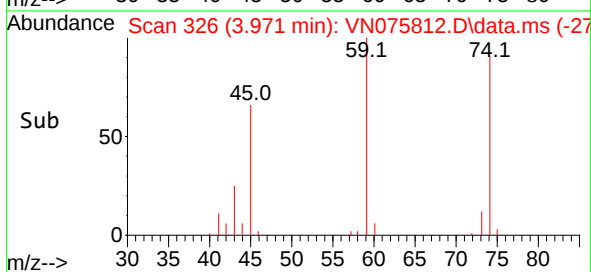
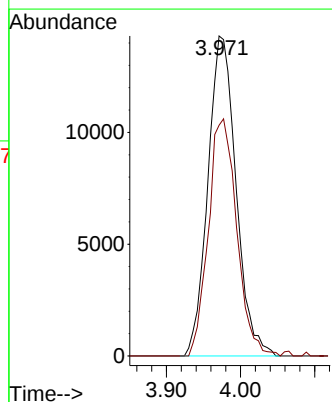
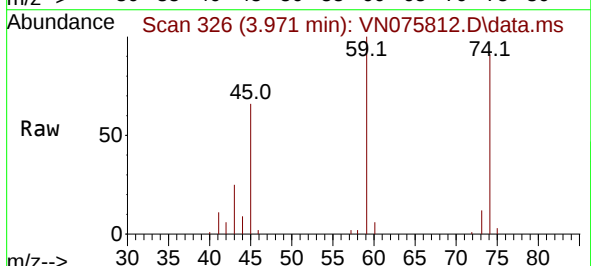
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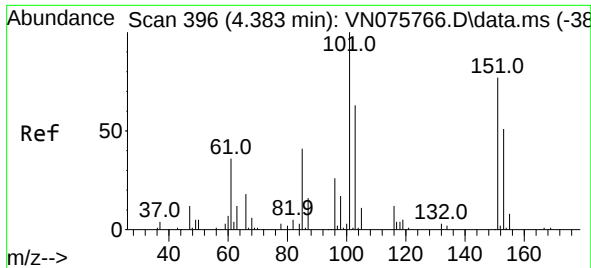
Reviewed By :John Carlone 12/16/2022
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#8
 Diethyl Ether
 Concen: 21.080 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN075812.D
 Acq: 15 Dec 2022 13:00

Tgt Ion: 74 Resp: 37777
 Ion Ratio Lower Upper
 74 100
 45 74.6 37.8 113.4





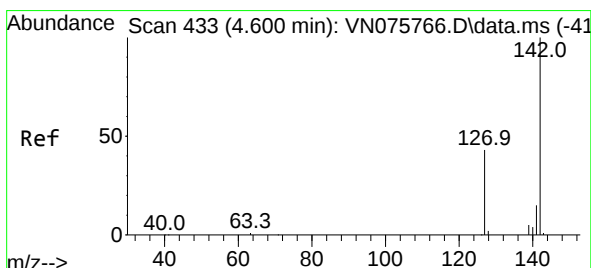
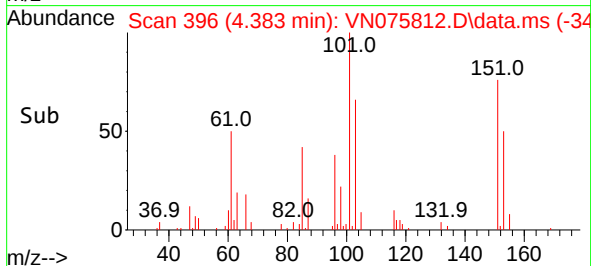
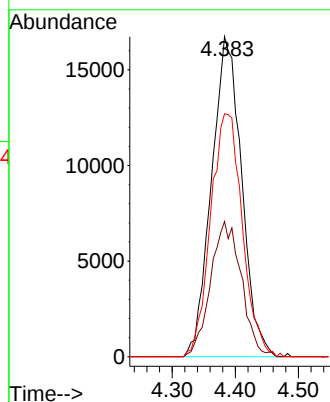
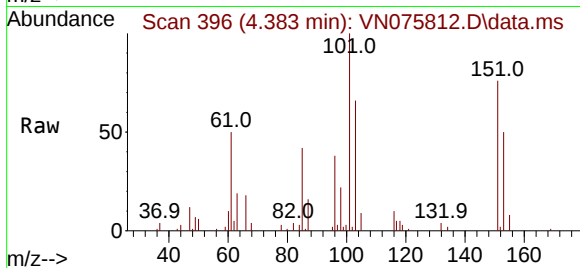
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.751 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:101 Resp: 55338
Ion Ratio Lower Upper
101 100
85 43.3 35.3 52.9
151 80.1 65.6 98.4

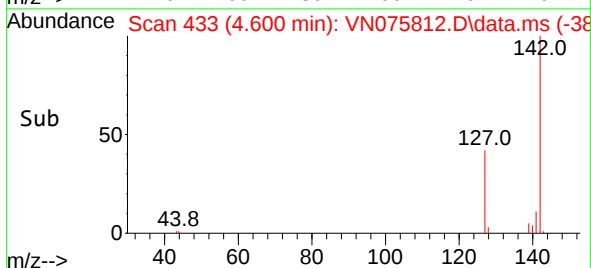
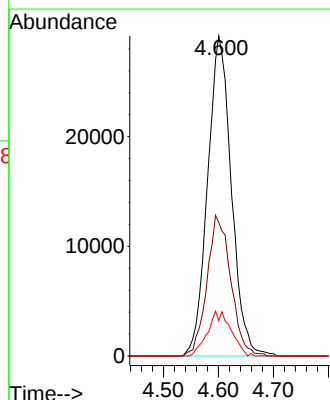
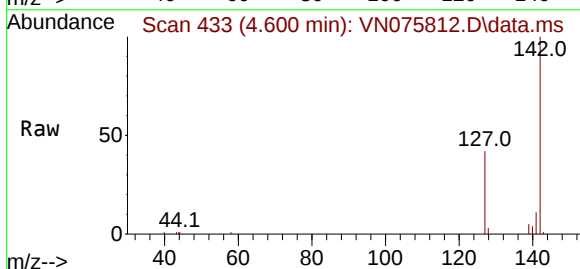
Manual Integrations
APPROVED

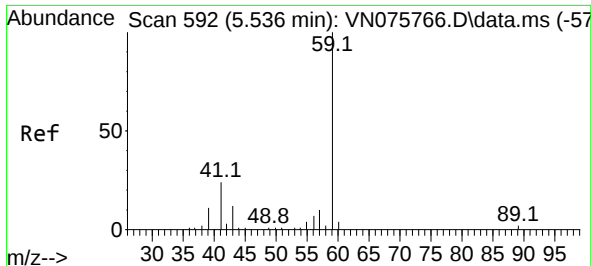
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#10
Methyl Iodide
Concen: 19.283 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

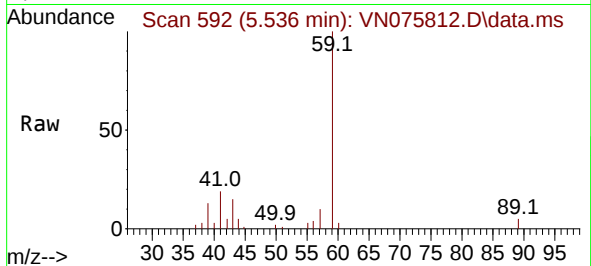
Tgt Ion:142 Resp: 87679
Ion Ratio Lower Upper
142 100
127 43.9 34.7 52.1
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 97.375 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

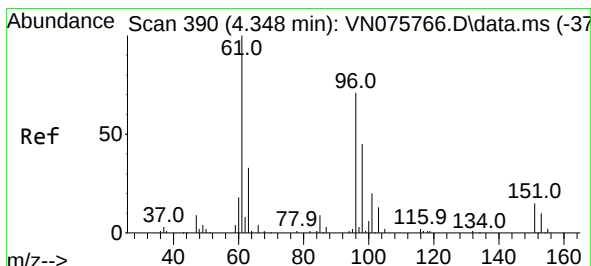
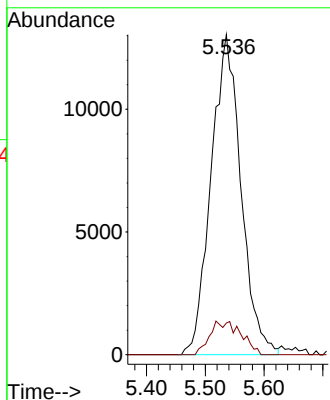
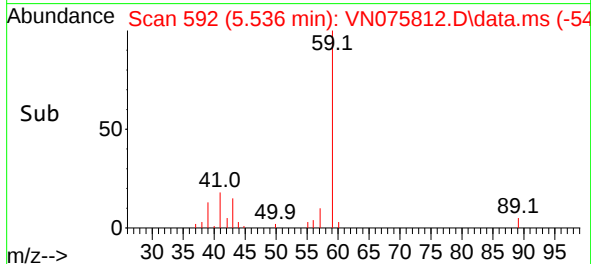
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 59 Resp: 4602
Ion Ratio Lower Upper
59 100
57 4.9 8.2 12.4

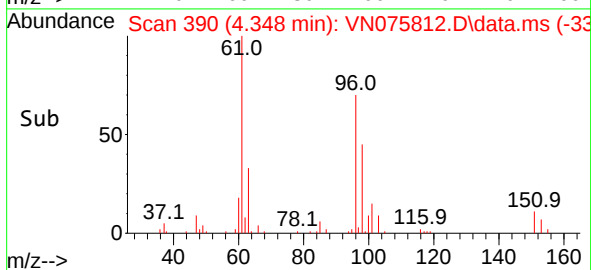
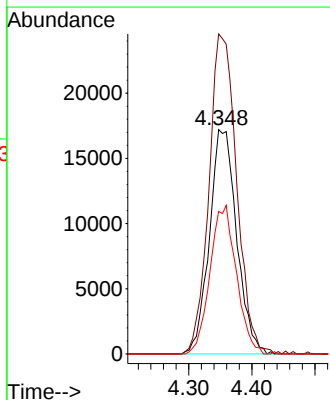
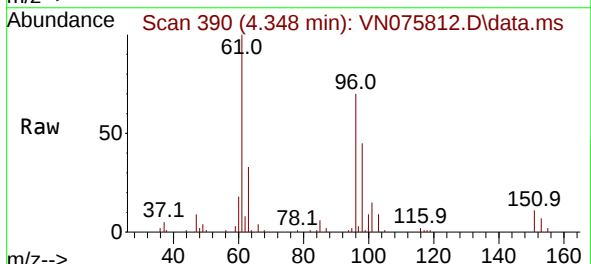
Manual Integrations
APPROVED

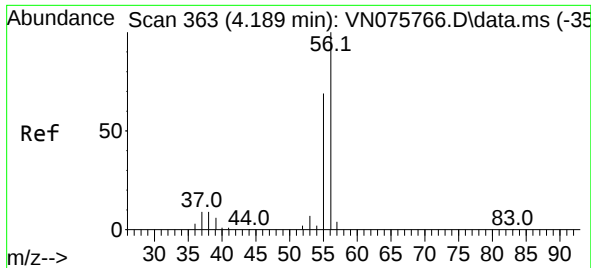
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#12
1,1-Dichloroethene
Concen: 18.981 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

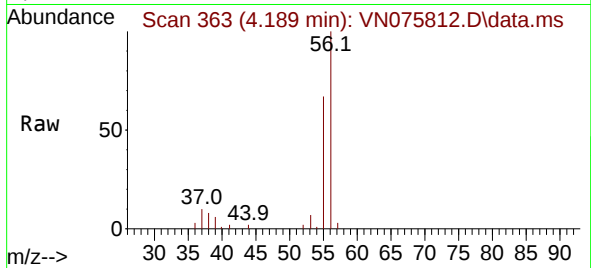
Tgt Ion: 96 Resp: 51650
Ion Ratio Lower Upper
96 100
61 142.7 113.3 169.9
98 63.6 50.9 76.3





#13
Acrolein
Concen: 124.209 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

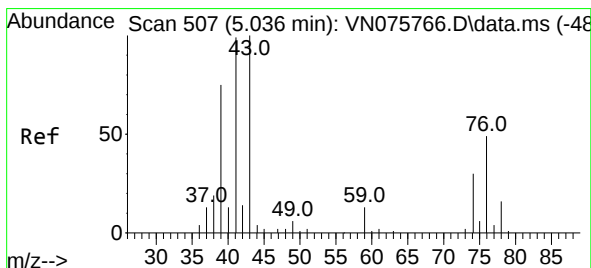
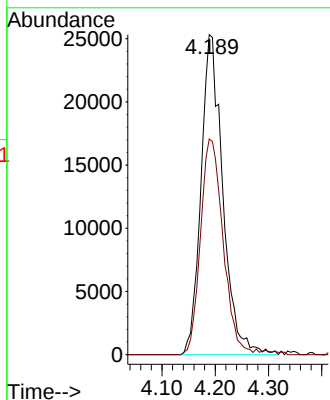
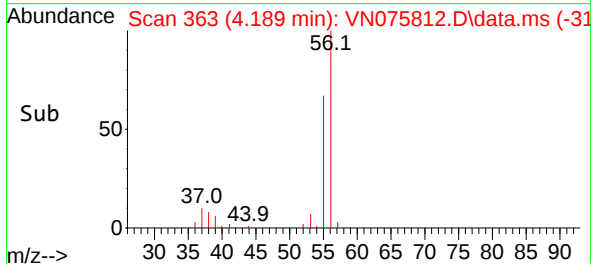
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



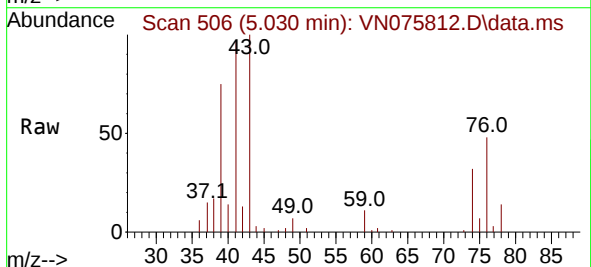
Tgt Ion: 56 Resp: 7197
Ion Ratio Lower Upper
56 100
55 69.5 54.8 82.2

Manual Integrations
APPROVED

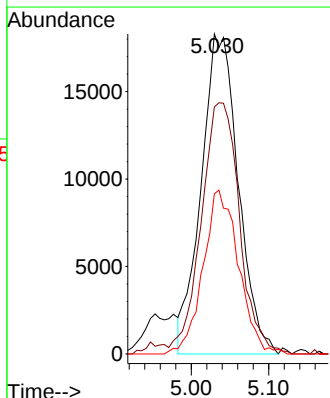
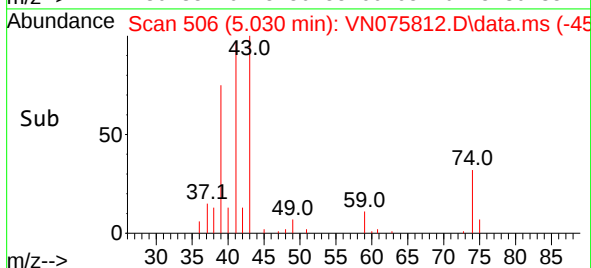
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

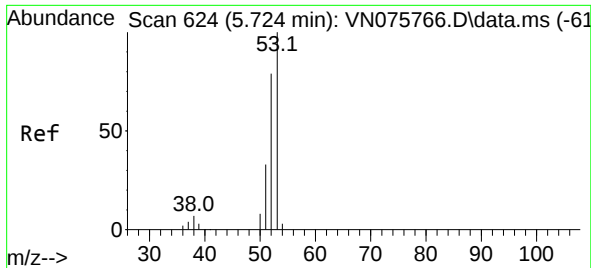


#14
Allyl chloride
Concen: 19.132 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00



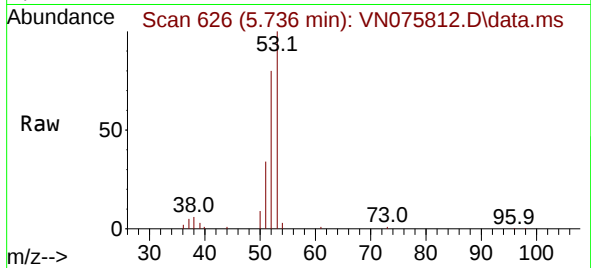
Tgt Ion: 41 Resp: 60861
Ion Ratio Lower Upper
41 100
39 80.9 58.3 87.5
76 49.1 35.8 53.6





#15
Acrylonitrile
Concen: 100.548 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

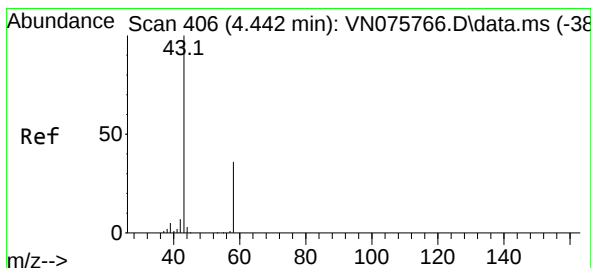
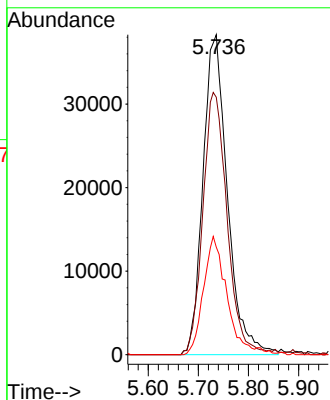
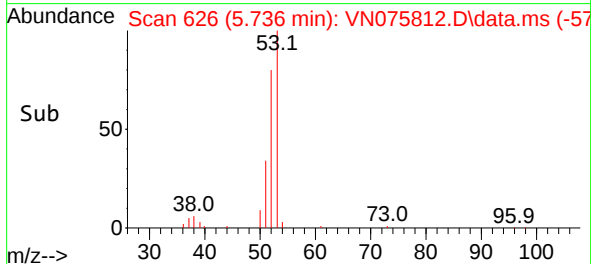
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 53 Resp: 129680
Ion Ratio Lower Upper
53 100
52 81.9 65.4 98.0
51 34.8 28.9 43.3

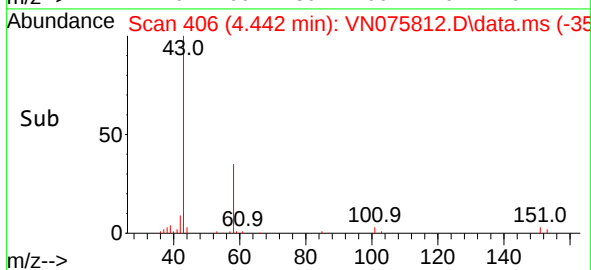
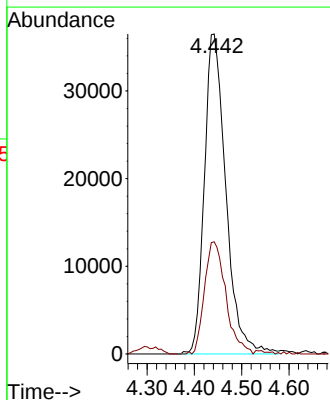
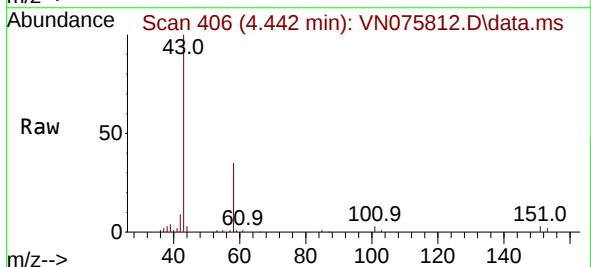
Manual Integrations
APPROVED

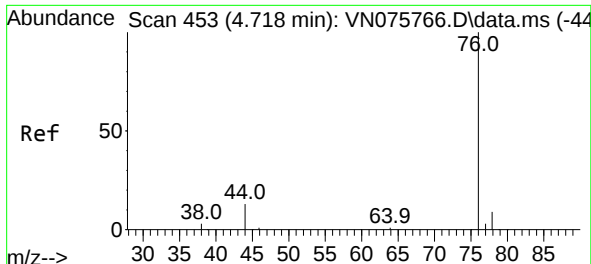
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#16
Acetone
Concen: 99.807 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 43 Resp: 114921
Ion Ratio Lower Upper
43 100
58 35.1 28.6 43.0





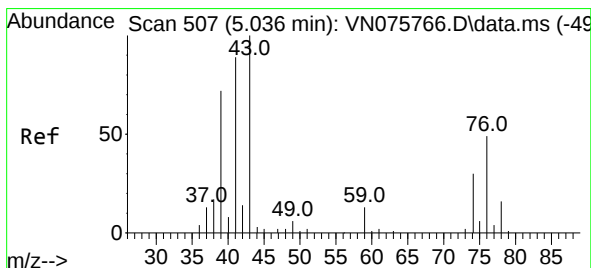
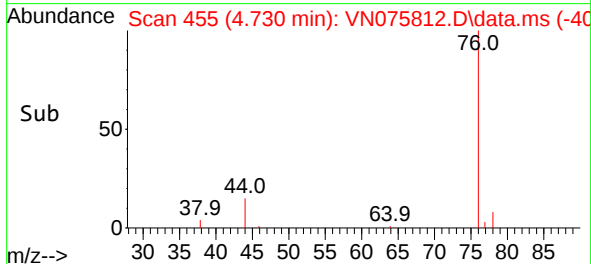
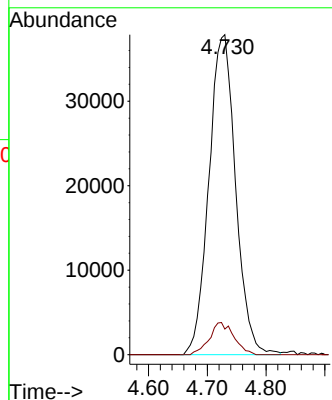
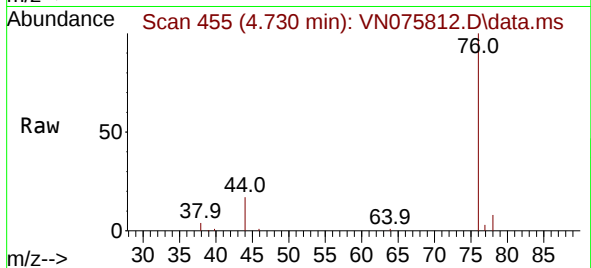
#17
Carbon Disulfide
Concen: 18.149 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 76 Resp: 11957
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2

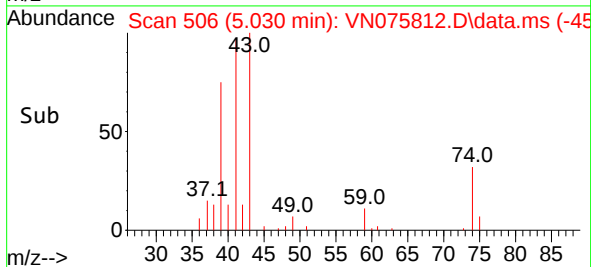
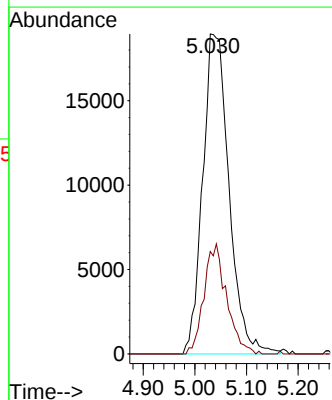
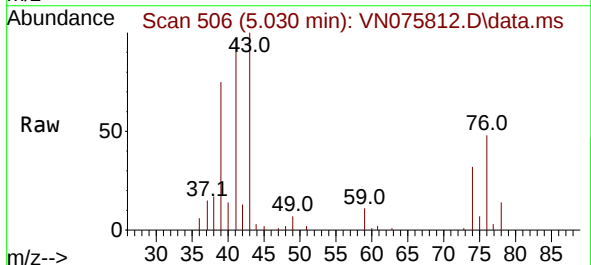
Manual Integrations
APPROVED

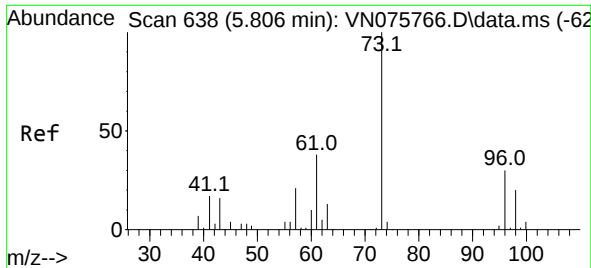
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#18
Methyl Acetate
Concen: 19.714 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 43 Resp: 67099
Ion Ratio Lower Upper
43 100
74 29.5 23.6 35.4





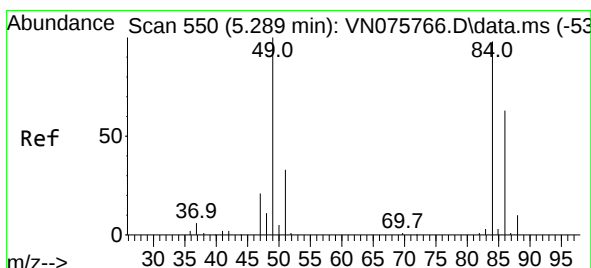
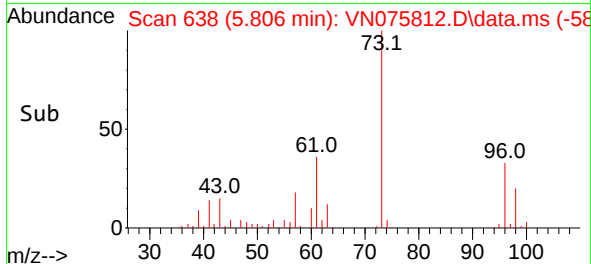
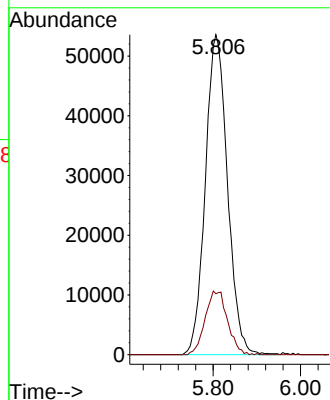
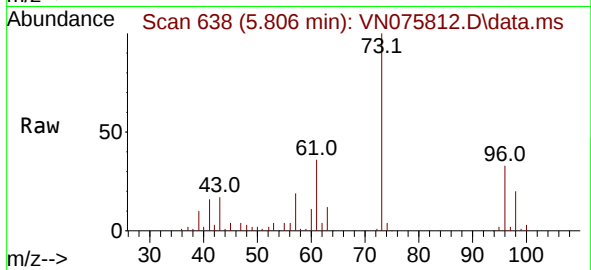
#19
Methyl tert-butyl Ether
Concen: 21.056 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 73 Resp: 18868
Ion Ratio Lower Upper
73 100
57 19.0 17.1 25.7

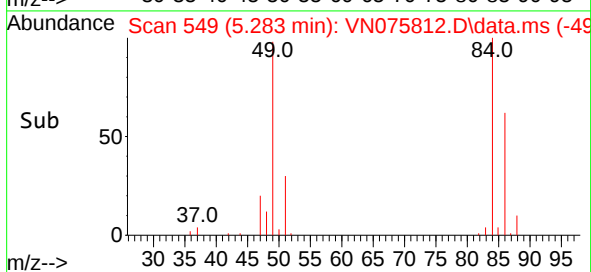
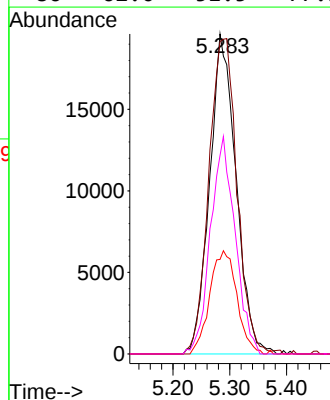
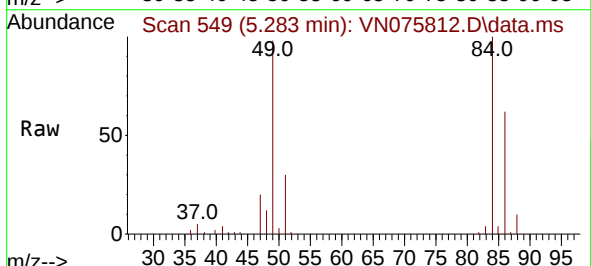
Manual Integrations
APPROVED

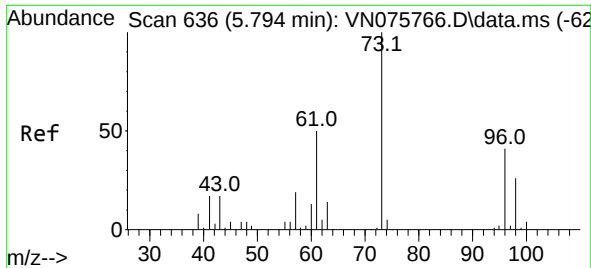
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#20
Methylene Chloride
Concen: 20.176 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 84 Resp: 63323
Ion Ratio Lower Upper
84 100
49 97.6 81.8 122.6
51 29.5 26.7 40.1
86 62.0 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 18.848 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

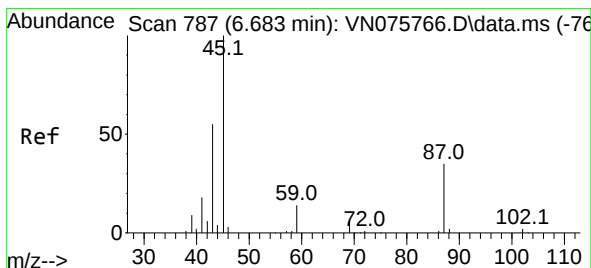
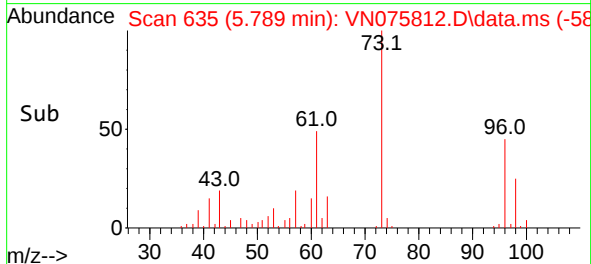
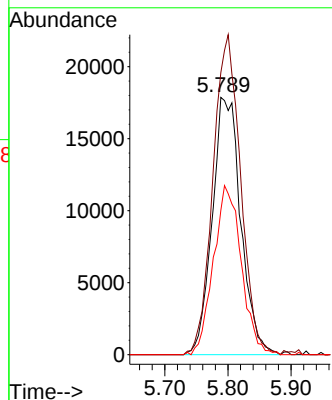
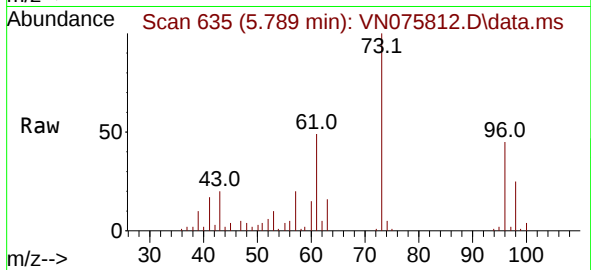
VN1215WBSD01

Tgt Ion: 96 Resp: 56170
Ion Ratio Lower Upper
96 100
61 109.6 98.1 147.1
98 56.1 51.4 77.2

Manual Integrations

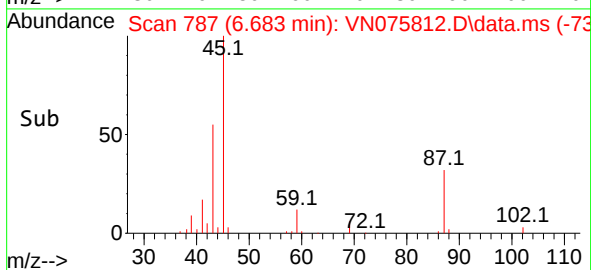
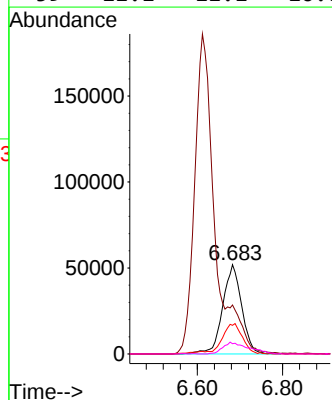
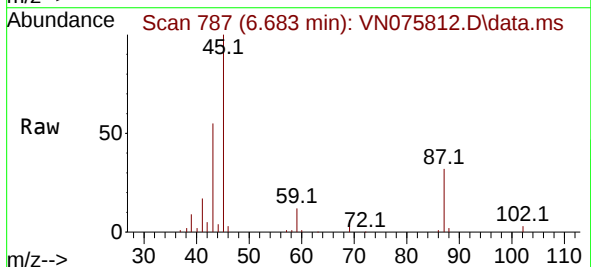
APPROVED

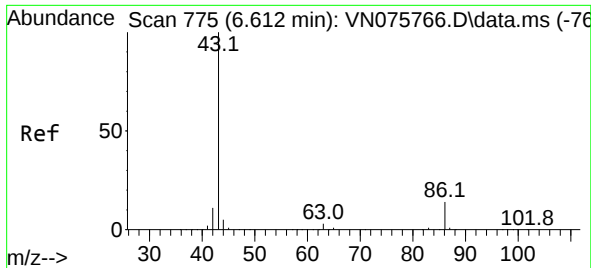
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#22
Diisopropyl ether
Concen: 20.816 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 45 Resp: 160858
Ion Ratio Lower Upper
45 100
43 54.1 44.2 66.4
87 31.7 28.3 42.5
59 11.1 11.1 16.7





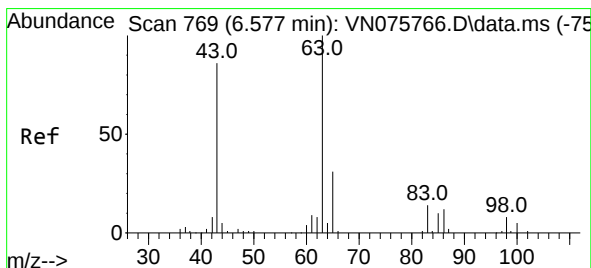
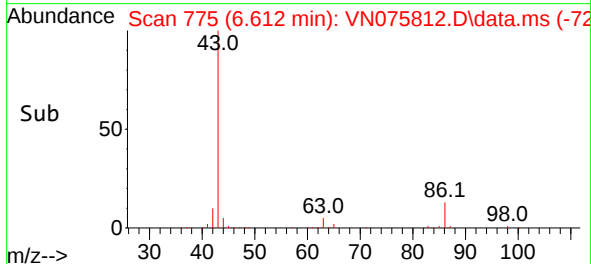
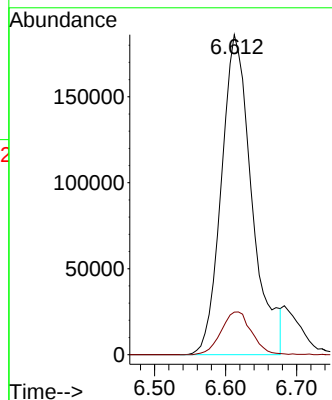
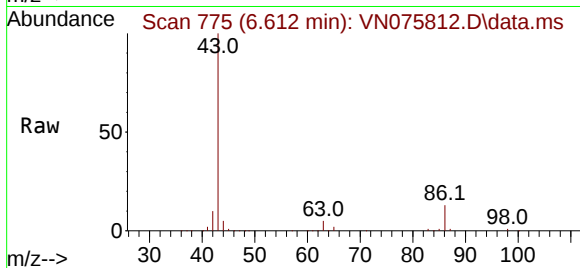
#23
 Vinyl Acetate
 Concen: 106.959 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075812.D
 Acq: 15 Dec 2022 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01

Tgt Ion: 43 Resp: 55631
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.4 17.2

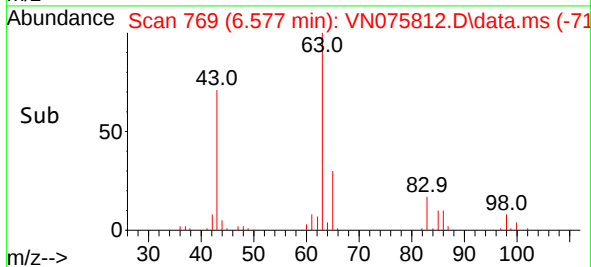
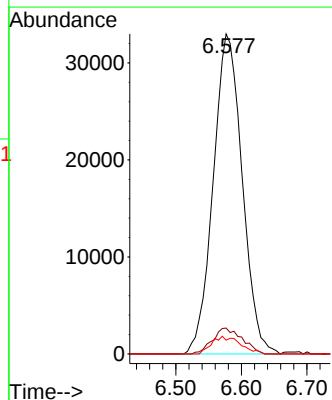
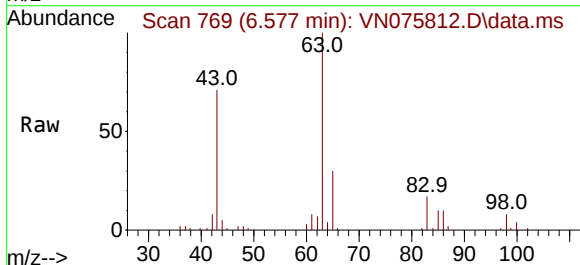
Manual Integrations
 APPROVED

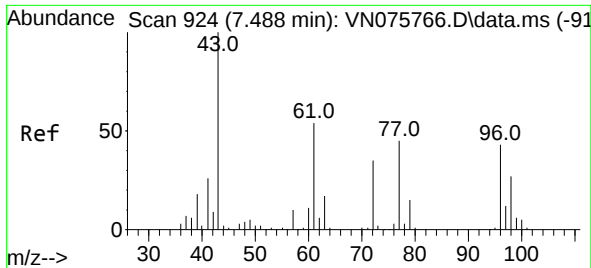
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022



#24
 1,1-Dichloroethane
 Concen: 19.643 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075812.D
 Acq: 15 Dec 2022 13:00

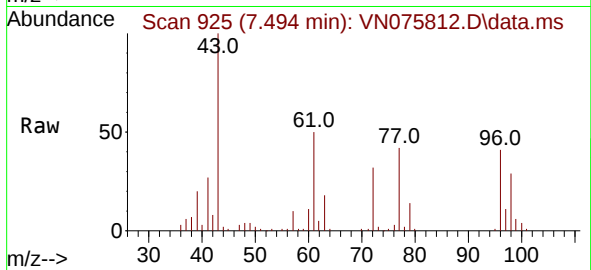
Tgt Ion: 63 Resp: 101234
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.5
 100 4.3 2.5 7.6





#25
2-Butanone
Concen: 101.857 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

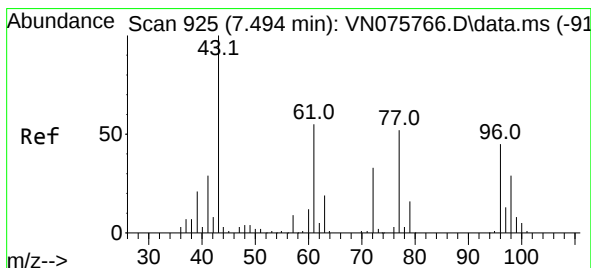
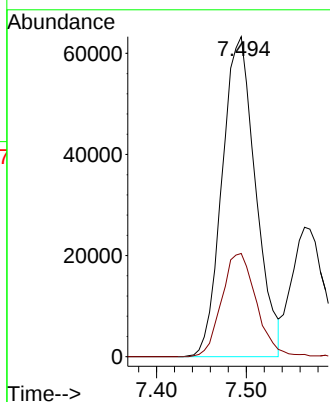
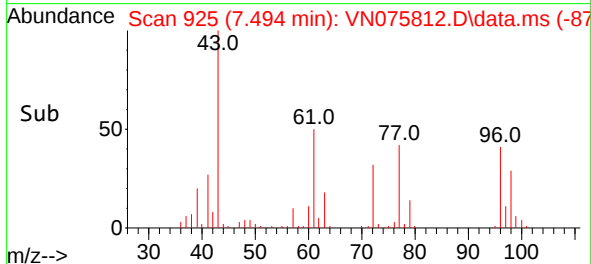
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 43 Resp: 164215
Ion Ratio Lower Upper
43 100
72 32.2 28.0 42.0

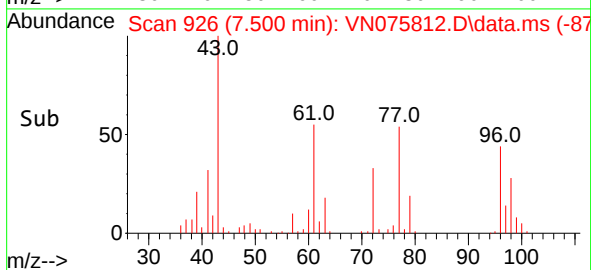
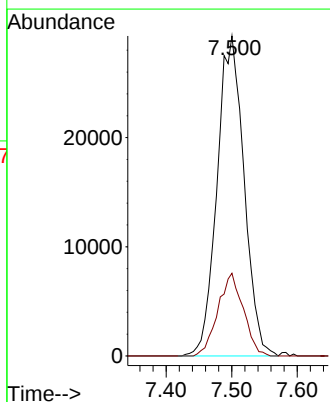
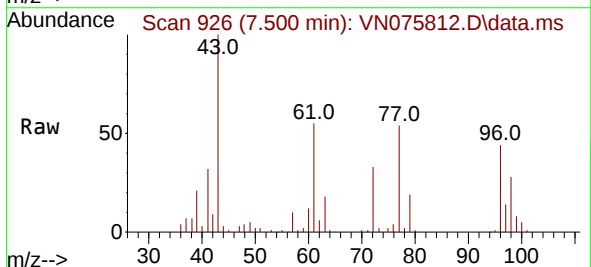
Manual Integrations
APPROVED

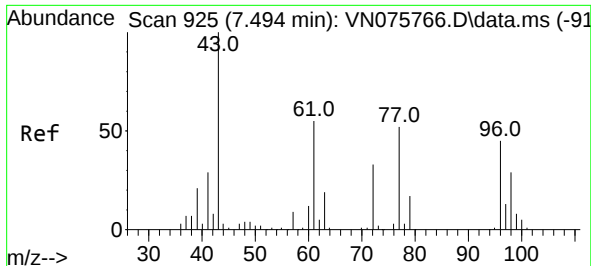
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#26
2,2-Dichloropropane
Concen: 19.182 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

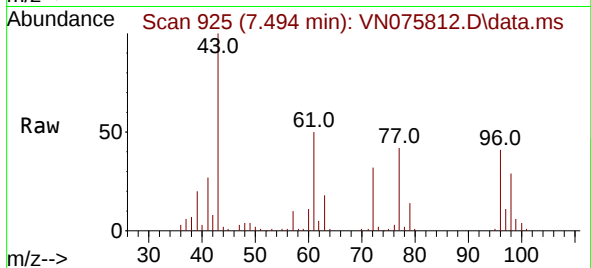
Tgt Ion: 77 Resp: 83717
Ion Ratio Lower Upper
77 100
97 24.3 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.304 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075812.D
 Acq: 15 Dec 2022 13:00

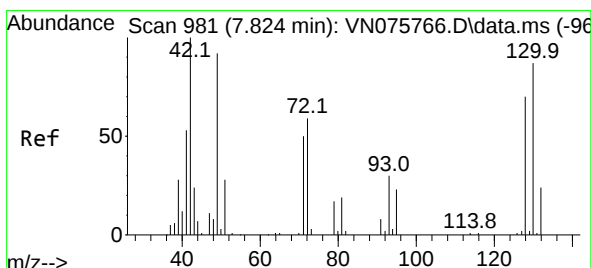
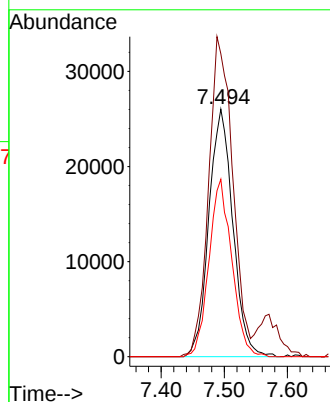
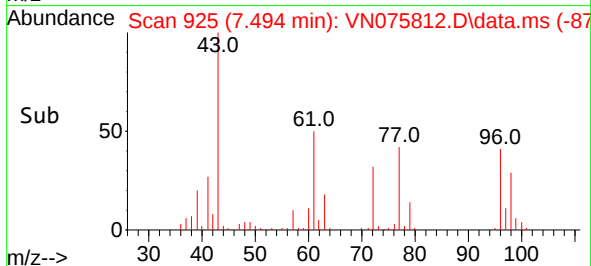
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01



Tgt Ion: 96 Resp: 68804
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 247.8
 98 68.1 0.0 128.4

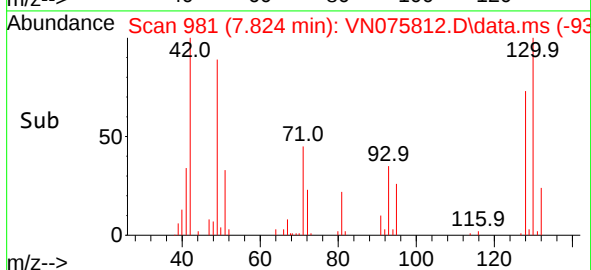
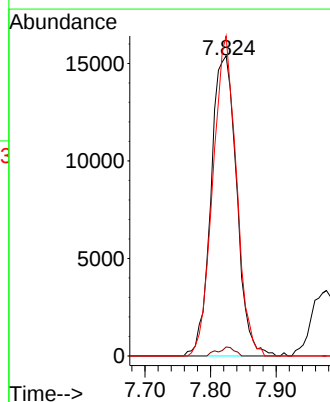
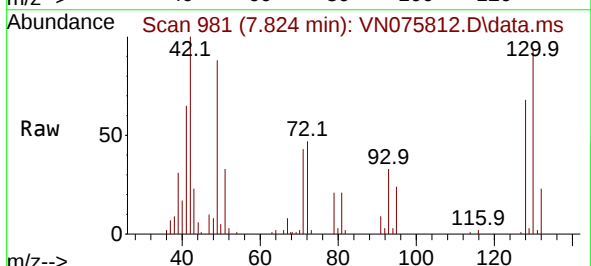
Manual Integrations
 APPROVED

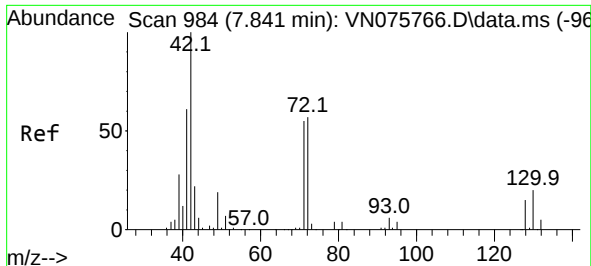
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022



#28
 Bromochloromethane
 Concen: 18.428 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN075812.D
 Acq: 15 Dec 2022 13:00

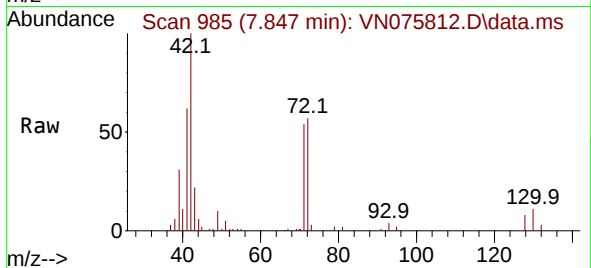
Tgt Ion: 49 Resp: 41625
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 5.0
 130 98.0 77.0 115.4





#29
Tetrahydrofuran
Concen: 103.606 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

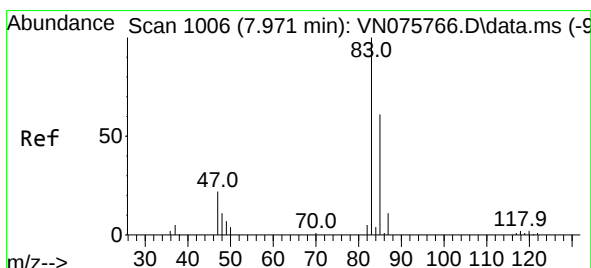
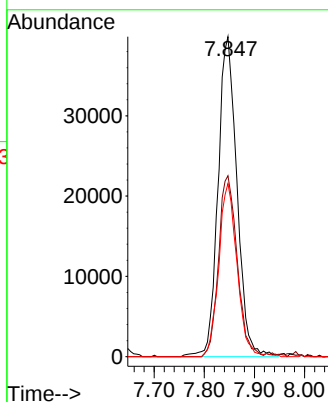
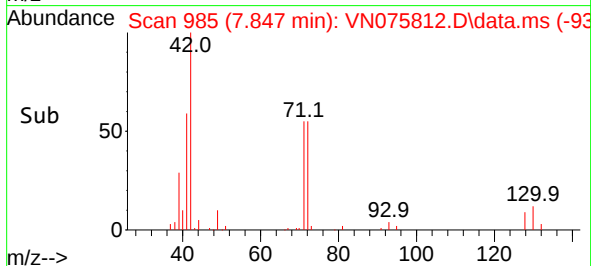
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



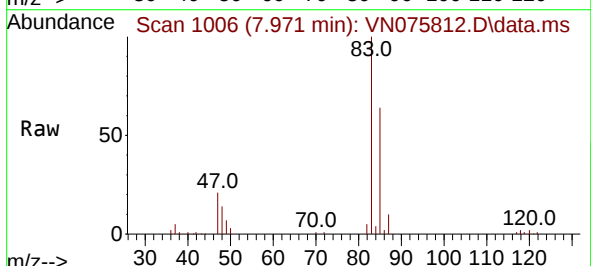
Tgt Ion: 42 Resp: 104670
Ion Ratio Lower Upper
42 100
72 55.5 44.5 66.7
71 51.8 41.0 61.6

Manual Integrations
APPROVED

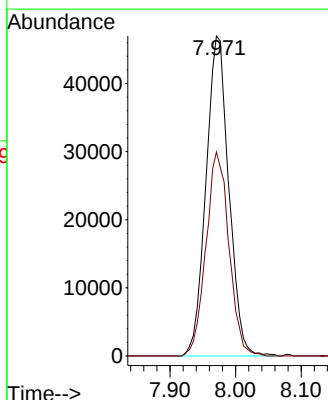
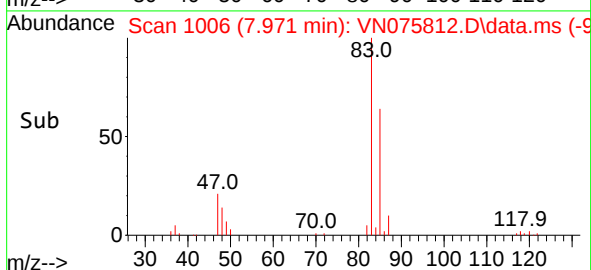
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

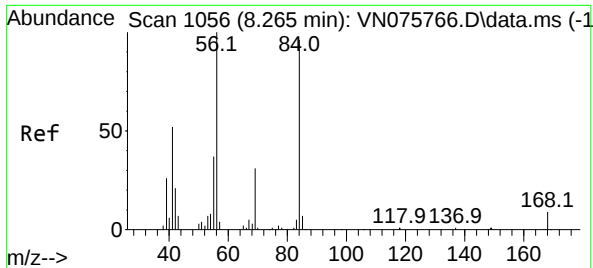


#30
Chloroform
Concen: 19.561 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00



Tgt Ion: 83 Resp: 113503
Ion Ratio Lower Upper
83 100
85 63.7 49.1 73.7





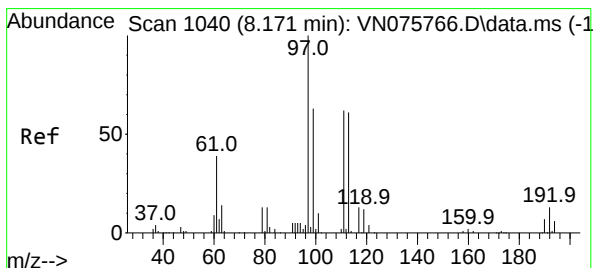
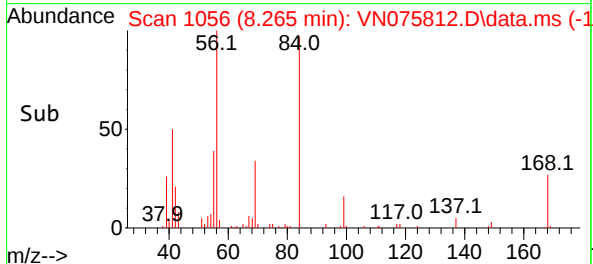
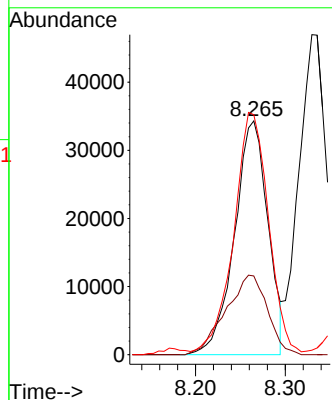
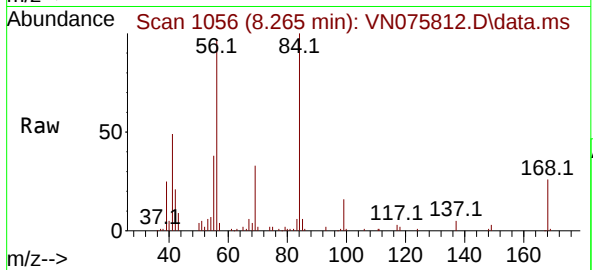
#31
Cyclohexane
Concen: 18.564 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 56 Resp: 8880
Ion Ratio Lower Upper
56 100
69 33.7 24.7 37.1
84 100.8 76.5 114.7

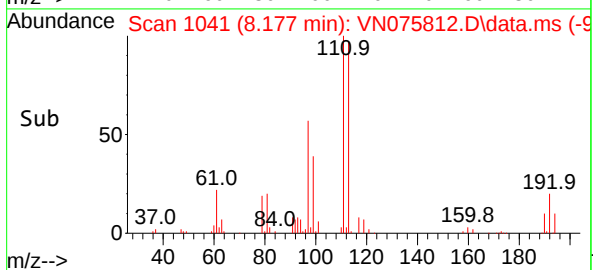
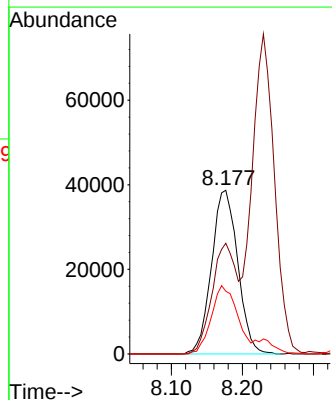
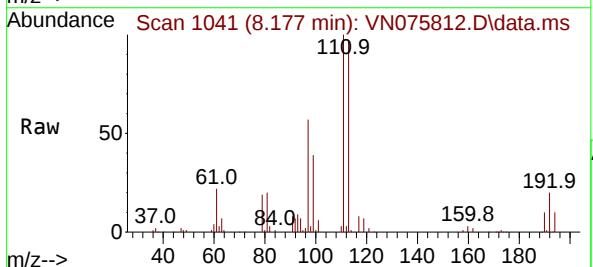
Manual Integrations
APPROVED

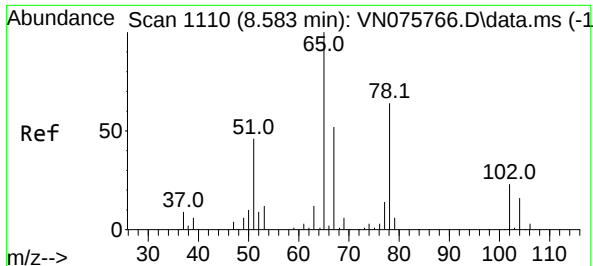
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#32
1,1,1-Trichloroethane
Concen: 19.262 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 97 Resp: 99089
Ion Ratio Lower Upper
97 100
99 62.1 50.2 75.2
61 41.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 54.000 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075812.D

Acq: 15 Dec 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

Tgt Ion: 65 Resp: 180372

Ion Ratio Lower Upper

65 100

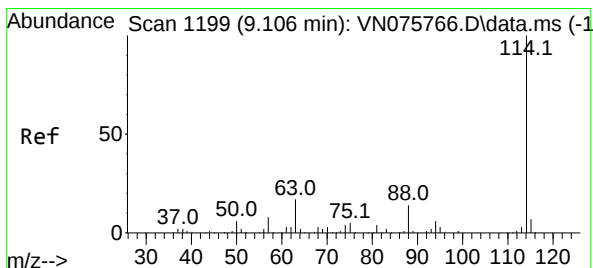
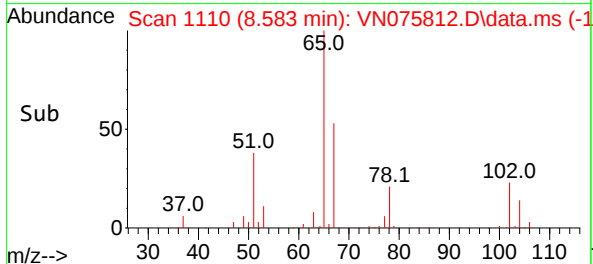
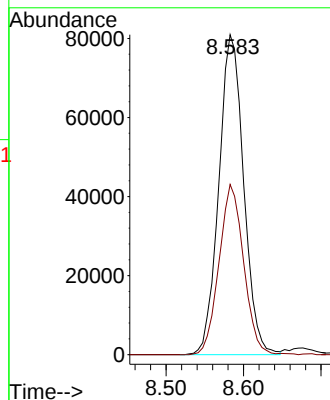
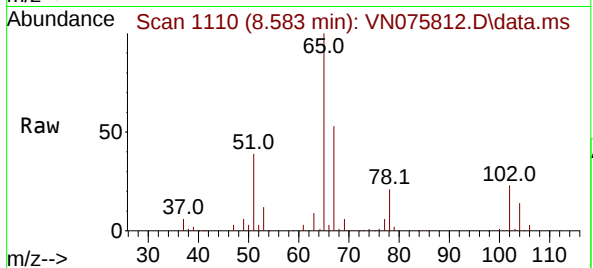
67 52.8 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075812.D

Acq: 15 Dec 2022 13:00

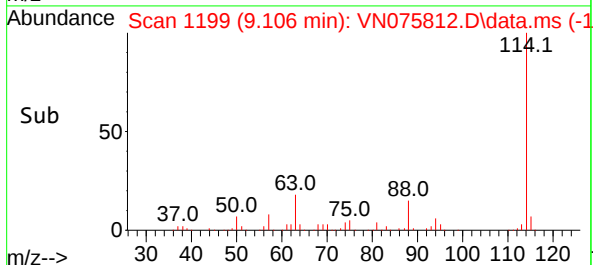
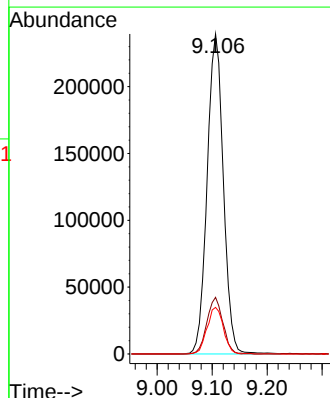
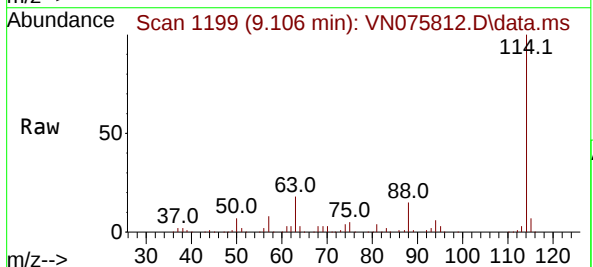
Tgt Ion:114 Resp: 490451

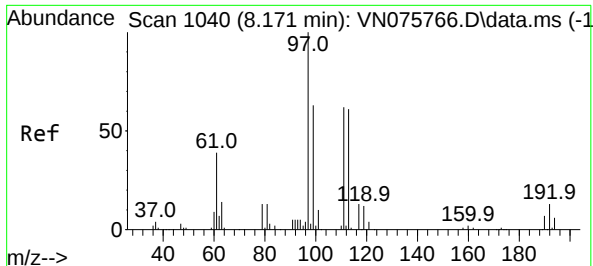
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 53.168 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075812.D

Acq: 15 Dec 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

Tgt Ion:113 Resp: 16148

Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.2

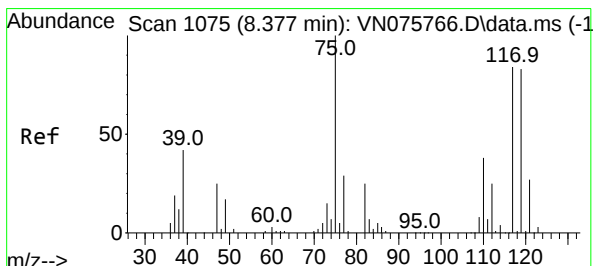
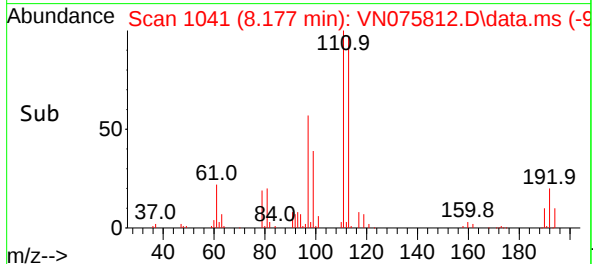
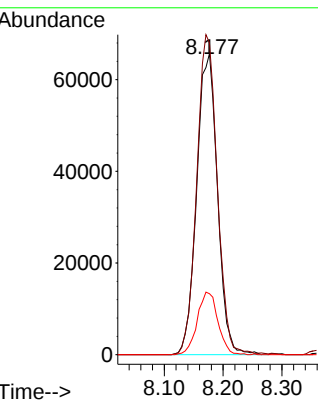
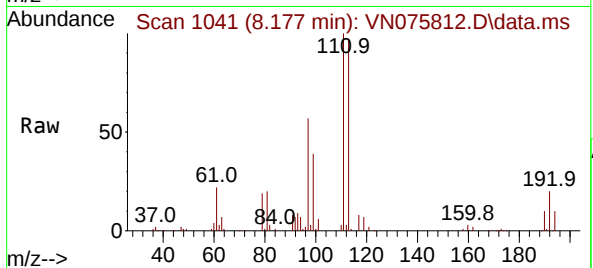
192 20.6 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#36

1,1-Dichloropropene

Concen: 19.674 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075812.D

Acq: 15 Dec 2022 13:00

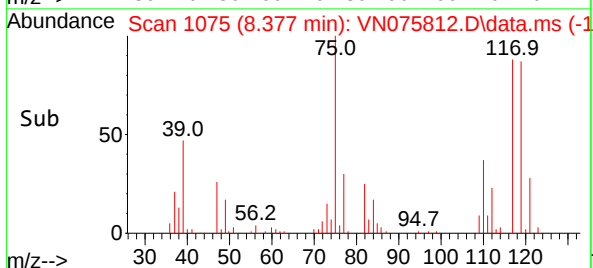
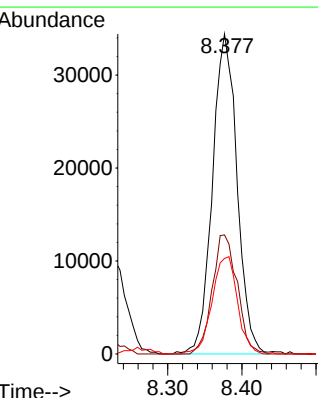
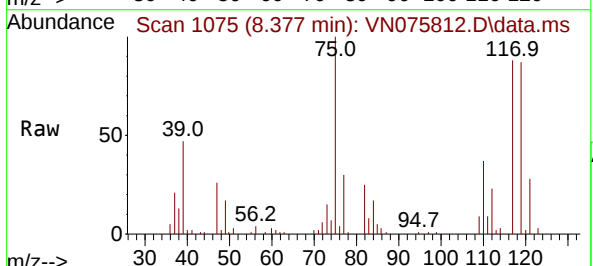
Tgt Ion: 75 Resp: 79379

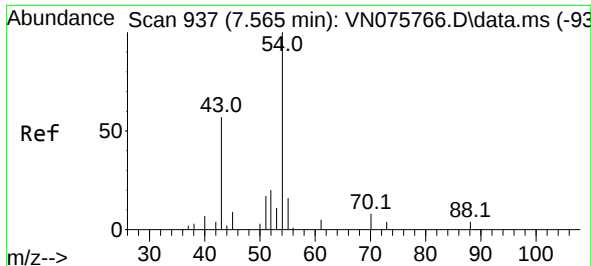
Ion Ratio Lower Upper

75 100

110 37.6 18.8 56.4

77 31.3 24.1 36.1





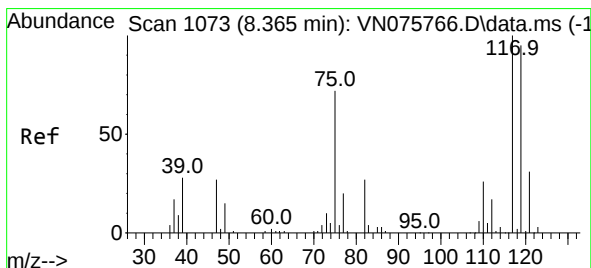
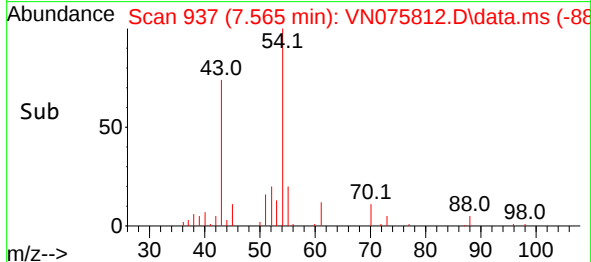
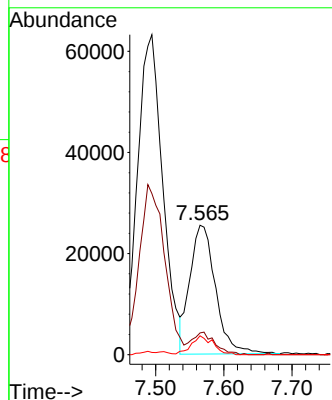
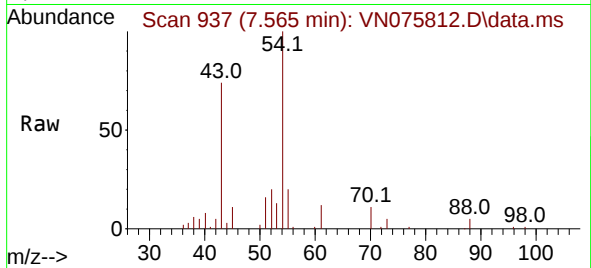
#37
Ethyl Acetate
Concen: 20.511 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 43 Resp: 6647
Ion Ratio Lower Upper
43 100
61 14.6 13.0 19.4
70 12.4 9.4 14.0

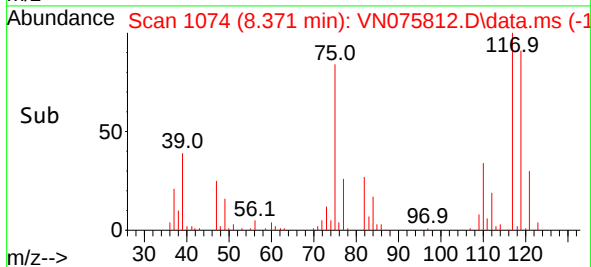
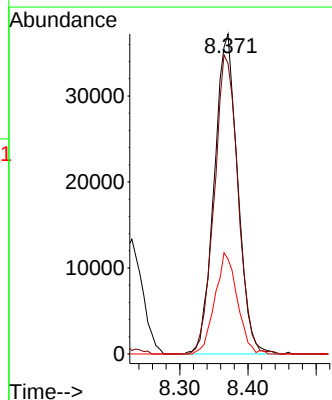
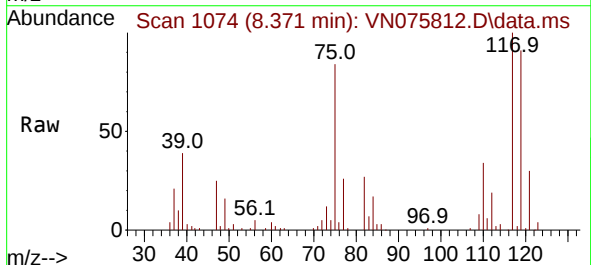
Manual Integrations
APPROVED

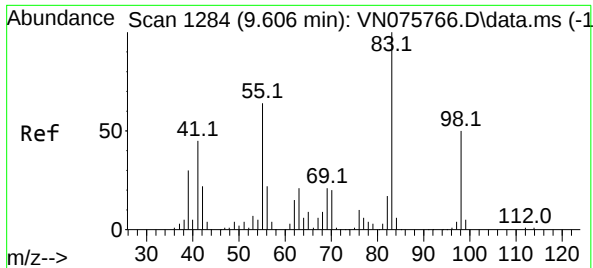
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#38
Carbon Tetrachloride
Concen: 19.673 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

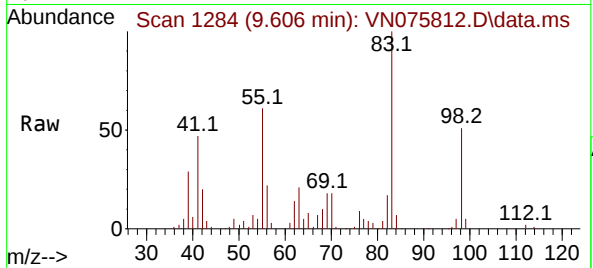
Tgt Ion:117 Resp: 88840
Ion Ratio Lower Upper
117 100
119 90.8 76.1 114.1
121 29.6 24.5 36.7





#39
Methylcyclohexane
Concen: 20.738 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

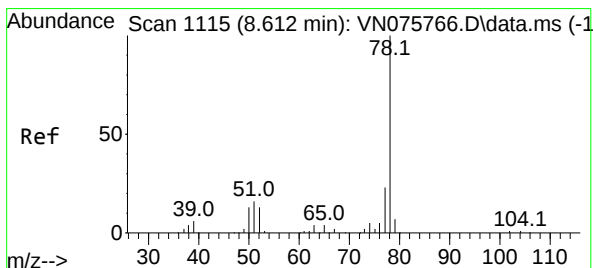
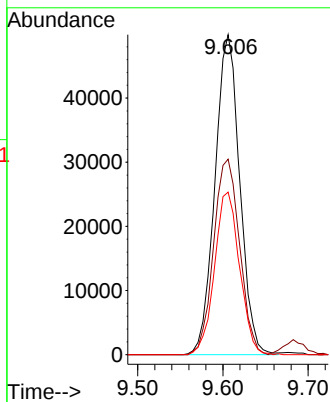
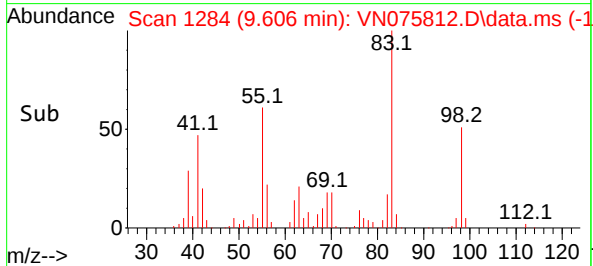
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 83 Resp: 10094
Ion Ratio Lower Upper
83 100
55 61.1 51.4 77.0
98 50.8 39.8 59.8

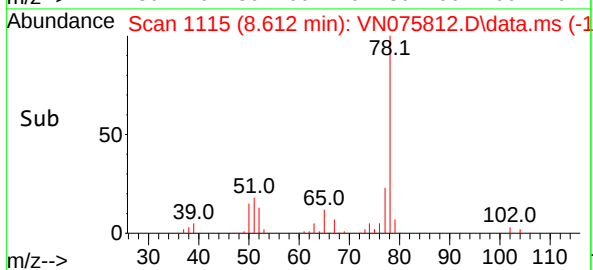
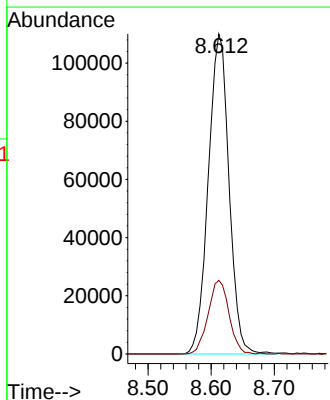
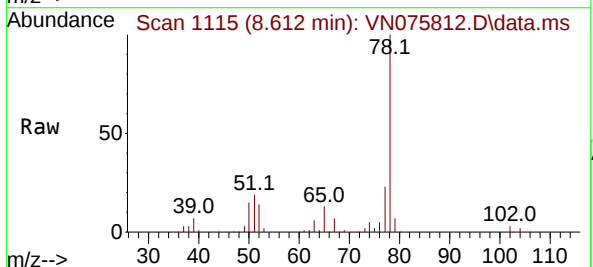
Manual Integrations
APPROVED

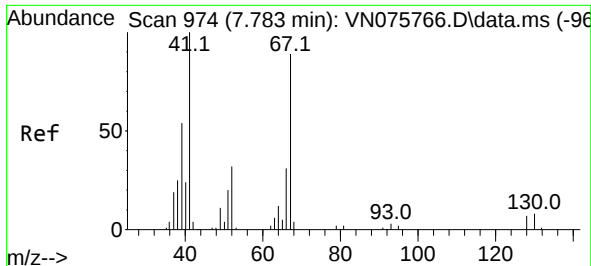
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#40
Benzene
Concen: 20.112 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

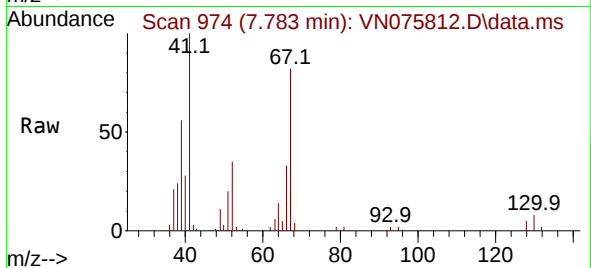
Tgt Ion: 78 Resp: 250372
Ion Ratio Lower Upper
78 100
77 23.0 18.5 27.7





#41
Methacrylonitrile
Concen: 22.464 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

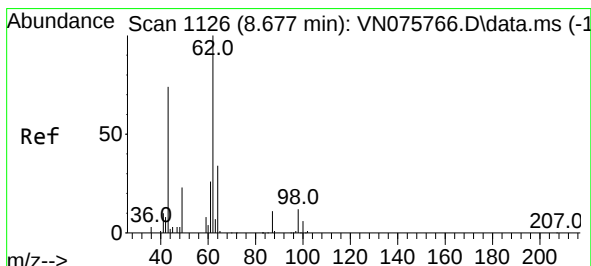
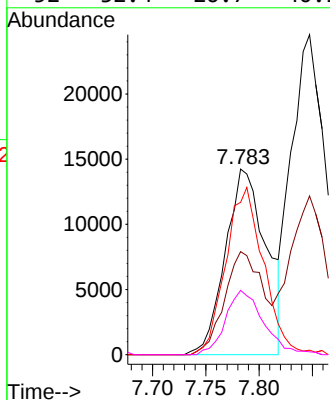
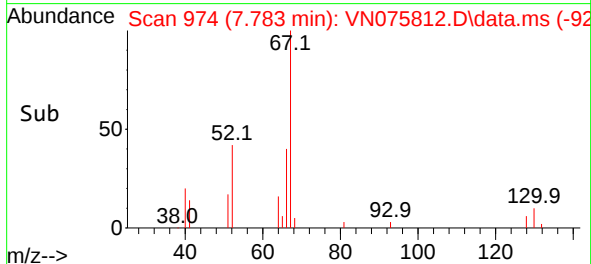
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



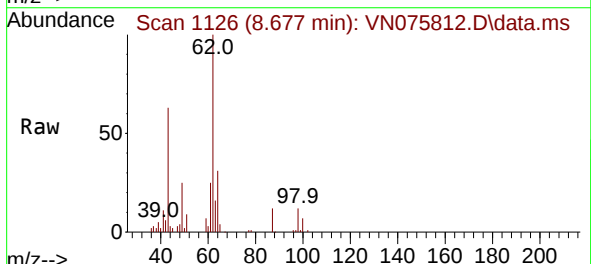
Tgt Ion: 41 Resp: 3784
Ion Ratio Lower Upper
41 100
39 52.3 43.1 64.7
67 84.2 70.7 106.1
52 32.4 26.7 40.1

Manual Integrations
APPROVED

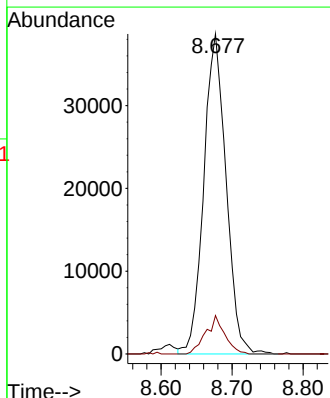
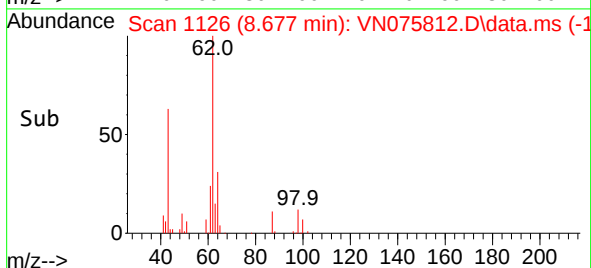
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

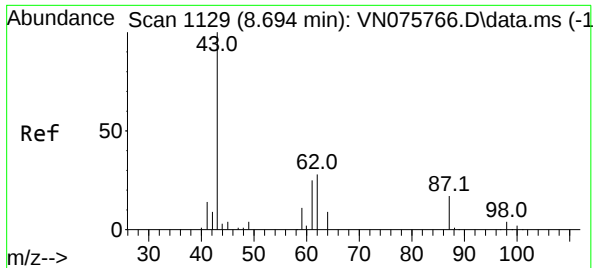


#42
1,2-Dichloroethane
Concen: 20.394 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00



Tgt Ion: 62 Resp: 84404
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.8





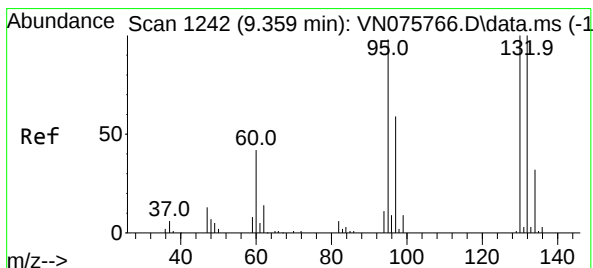
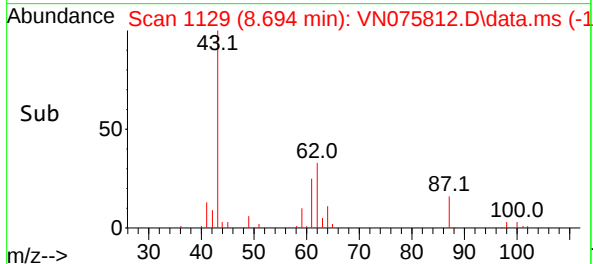
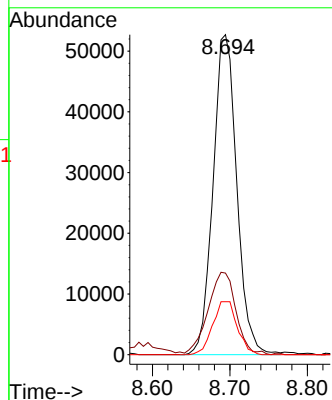
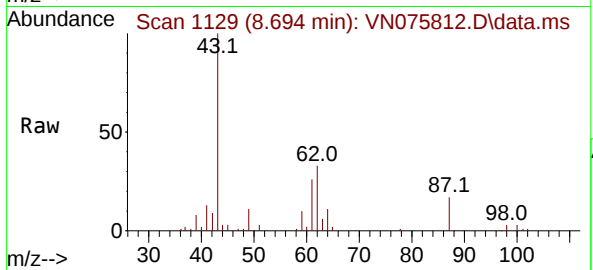
#43
Isopropyl Acetate
Concen: 21.028 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 43 Resp: 112415
Ion Ratio Lower Upper
43 100
61 30.3 24.2 36.4
87 17.2 13.3 19.9

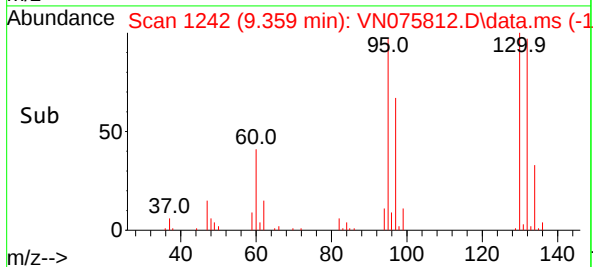
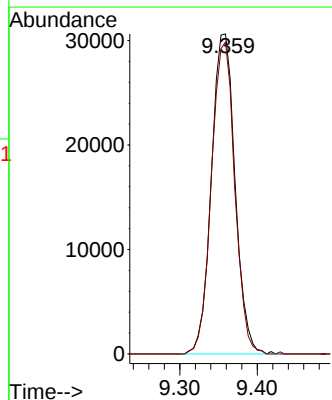
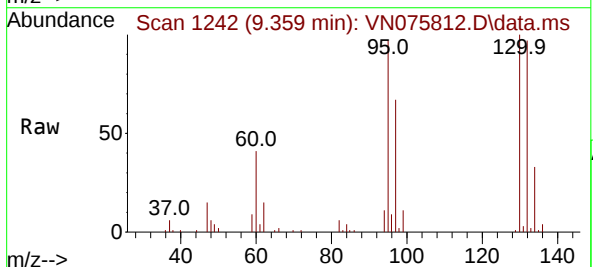
Manual Integrations
APPROVED

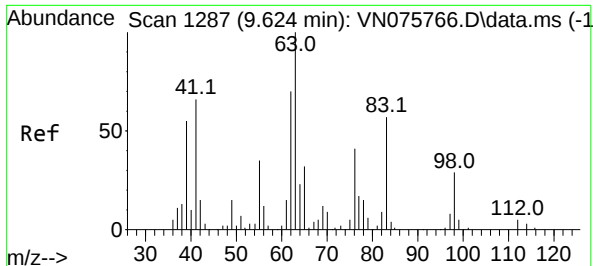
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#44
Trichloroethene
Concen: 18.500 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion:130 Resp: 64881
Ion Ratio Lower Upper
130 100
95 97.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.878 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075812.D

Acq: 15 Dec 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

Tgt Ion: 63 Resp: 60210

Ion Ratio Lower Upper

63 100

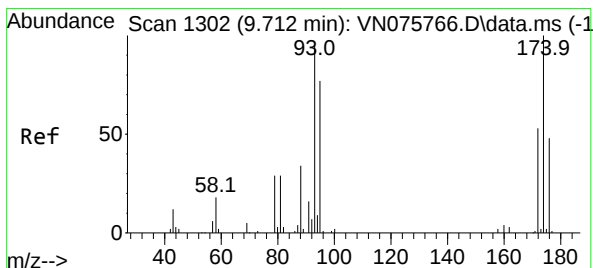
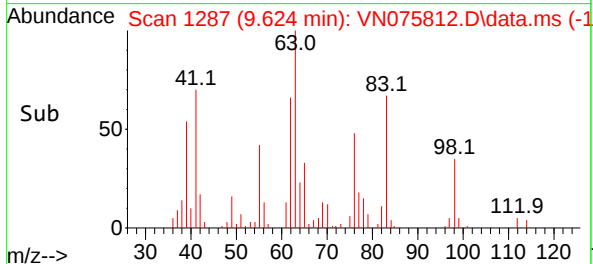
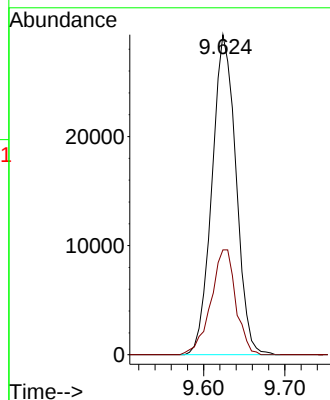
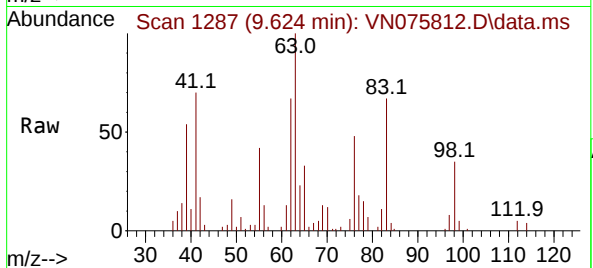
65 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#46

Dibromomethane

Concen: 20.115 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075812.D

Acq: 15 Dec 2022 13:00

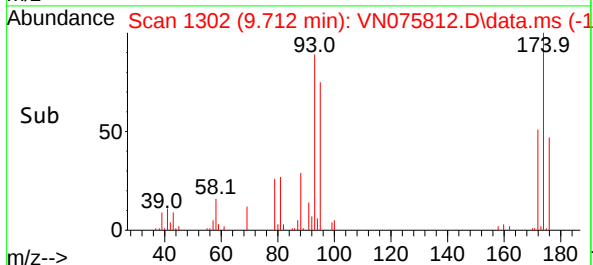
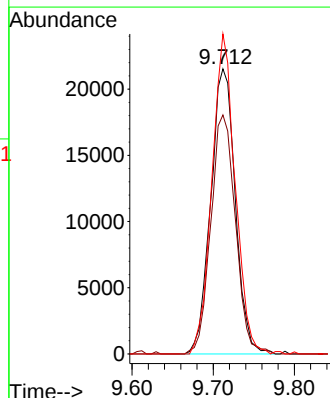
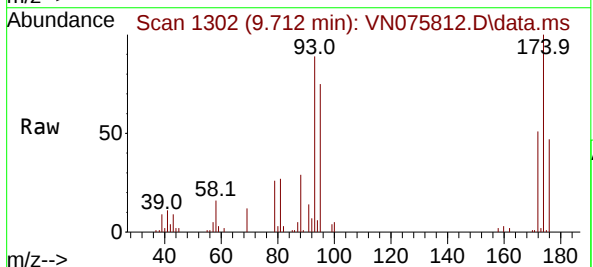
Tgt Ion: 93 Resp: 45196

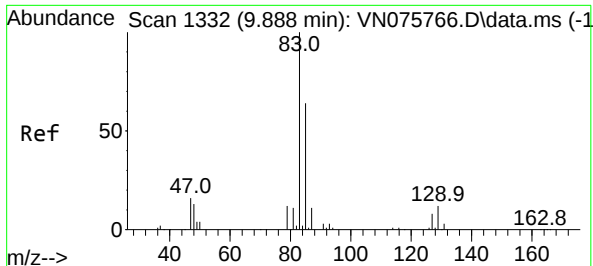
Ion Ratio Lower Upper

93 100

95 84.3 65.2 97.8

174 106.1 82.4 123.6





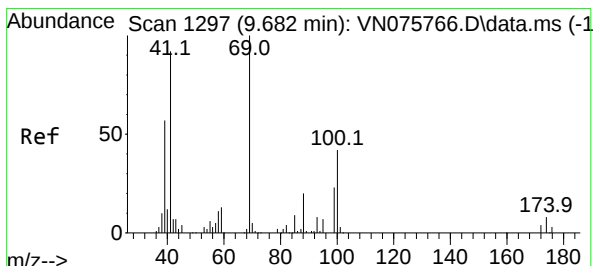
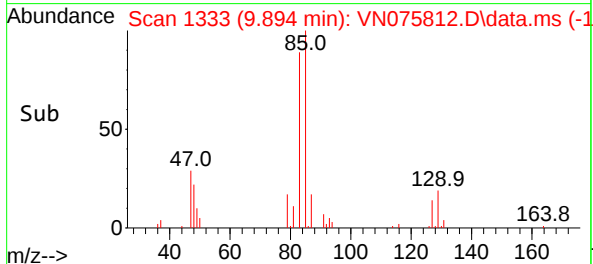
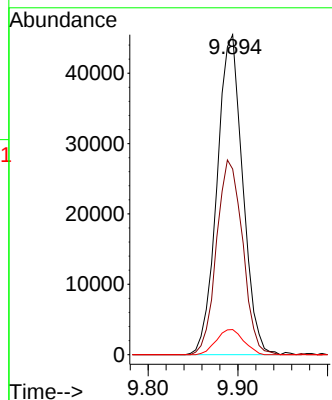
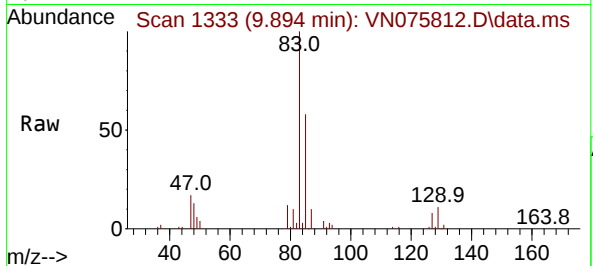
#47
Bromodichloromethane
Concen: 20.482 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 83 Resp: 9024
Ion Ratio Lower Upper
83 100
85 58.0 51.5 77.3
127 7.8 6.6 10.0

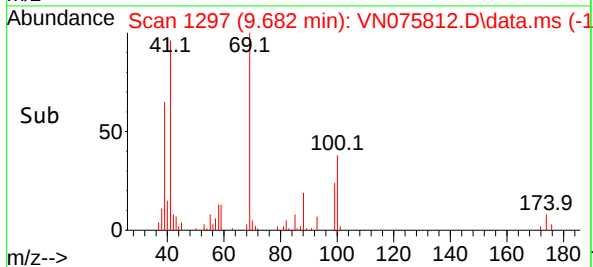
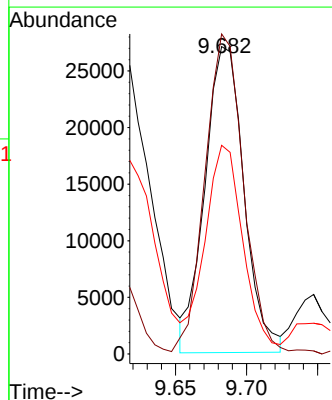
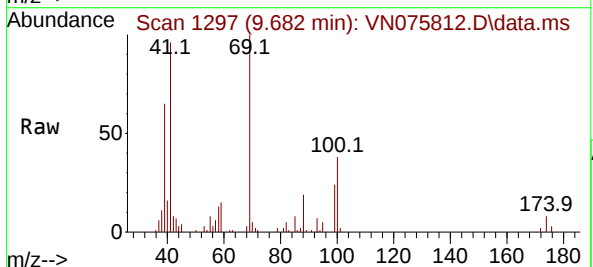
Manual Integrations
APPROVED

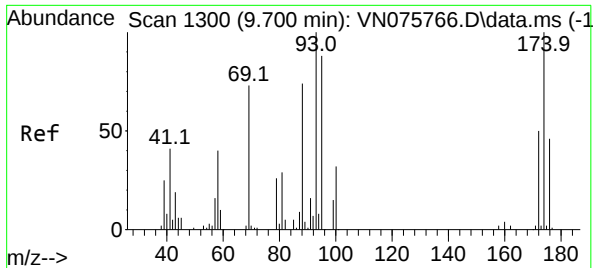
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#48
Methyl methacrylate
Concen: 21.526 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 41 Resp: 51831
Ion Ratio Lower Upper
41 100
69 103.6 81.9 122.9
39 67.3 51.6 77.4





#49

1,4-Dioxane

Concen: 411.319 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075812.D

Acq: 15 Dec 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

Tgt Ion: 88 Resp: 2434

Ion Ratio Lower Upper

88 100

43 25.4 17.1 25.7

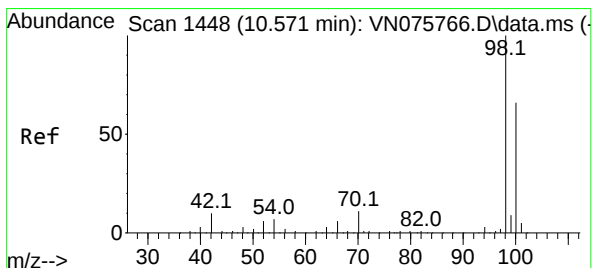
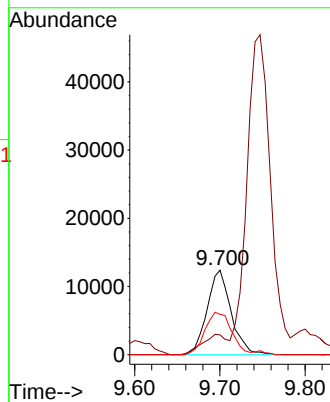
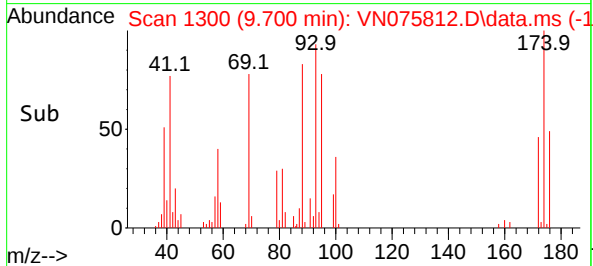
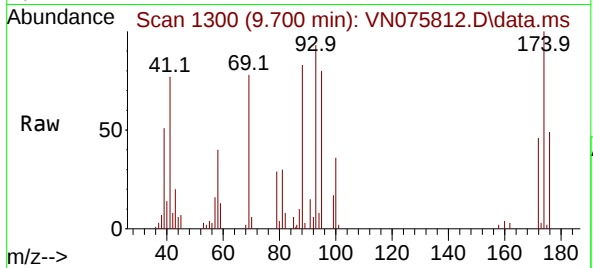
58 55.7 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#50

Toluene-d8

Concen: 53.703 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075812.D

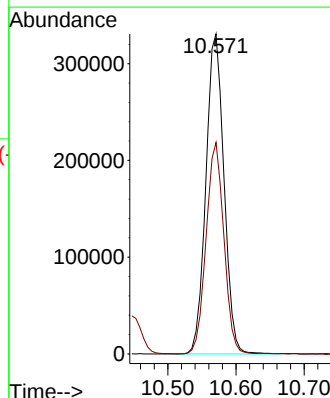
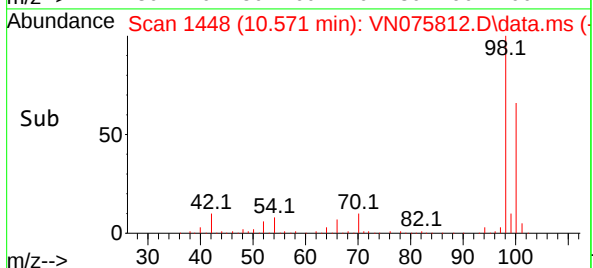
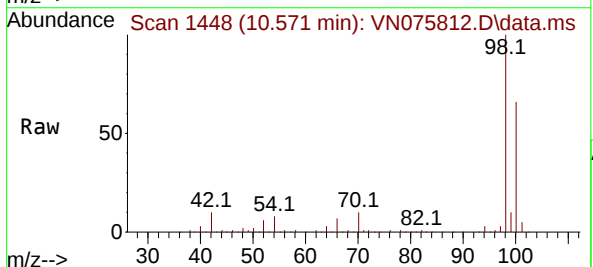
Acq: 15 Dec 2022 13:00

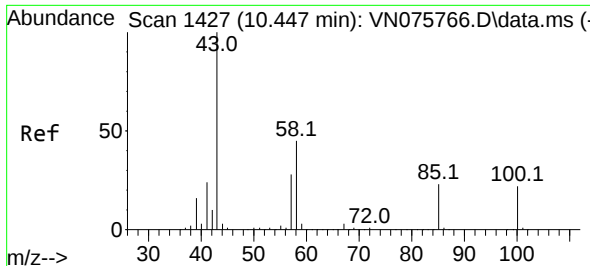
Tgt Ion: 98 Resp: 609856

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1





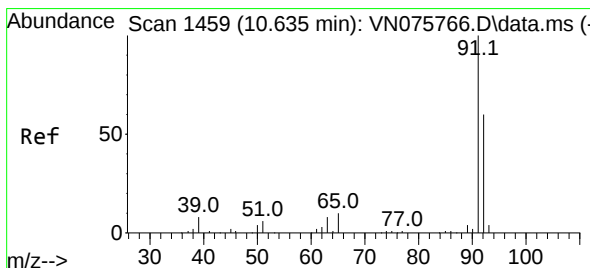
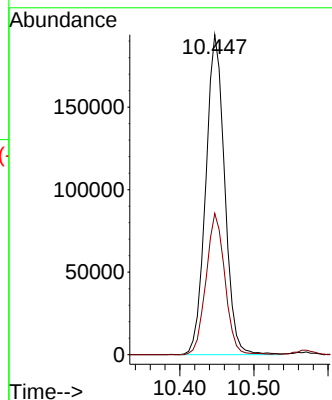
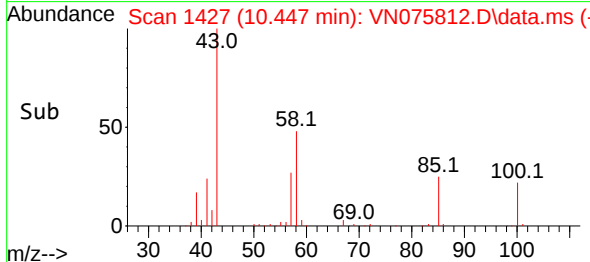
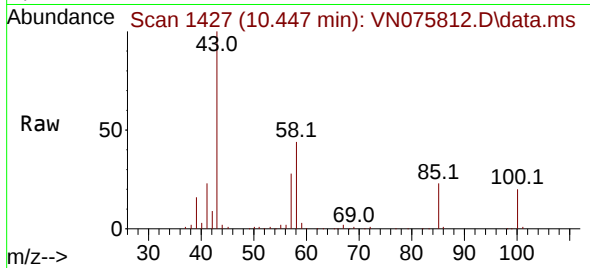
#51
4-Methyl-2-Pentanone
Concen: 106.325 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 43 Resp: 343750
Ion Ratio Lower Upper
43 100
58 44.0 35.5 53.3

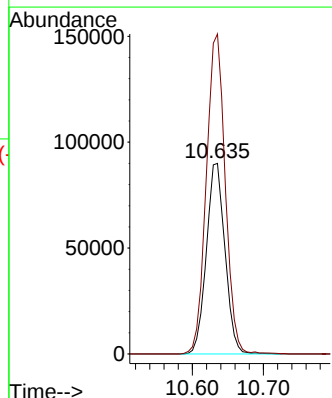
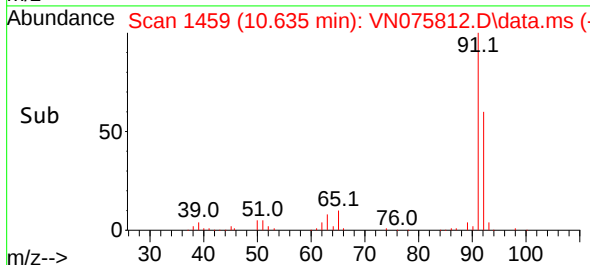
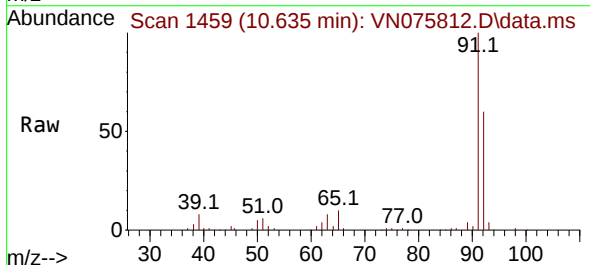
Manual Integrations
APPROVED

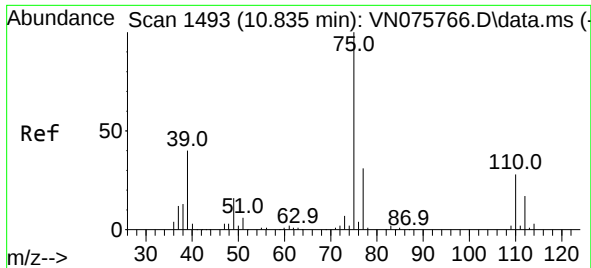
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#52
Toluene
Concen: 20.235 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 92 Resp: 164058
Ion Ratio Lower Upper
92 100
91 170.8 137.3 205.9





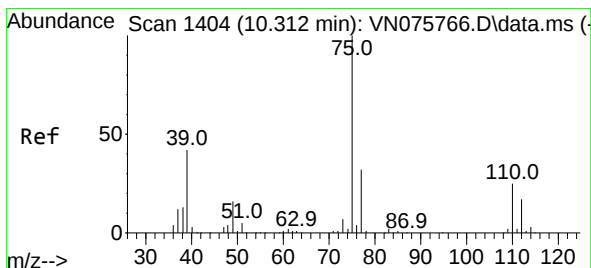
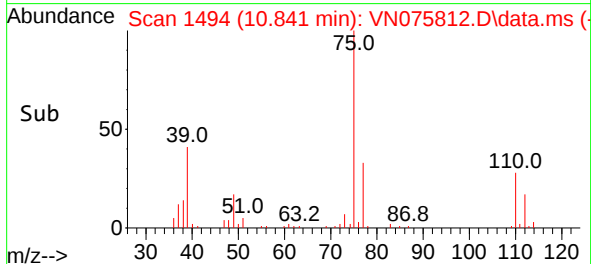
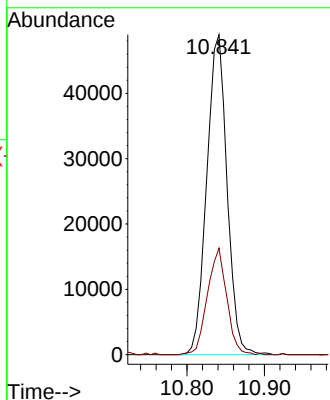
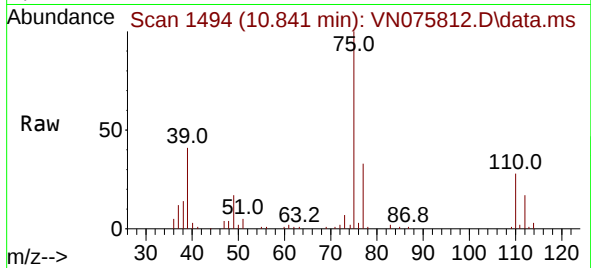
#53
 t-1,3-Dichloropropene
 Concen: 20.733 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN075812.D
 Acq: 15 Dec 2022 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01

Tgt Ion: 75 Resp: 89424
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.9 37.3

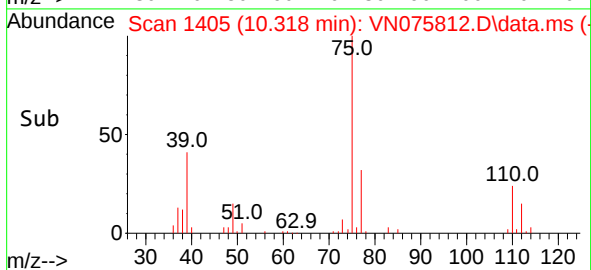
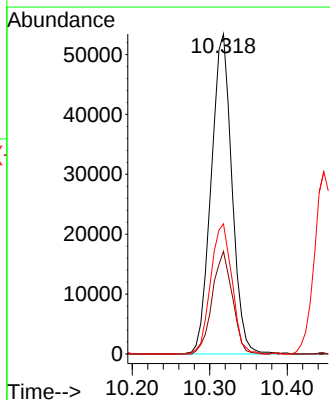
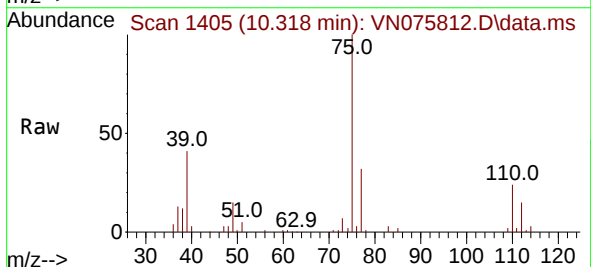
Manual Integrations
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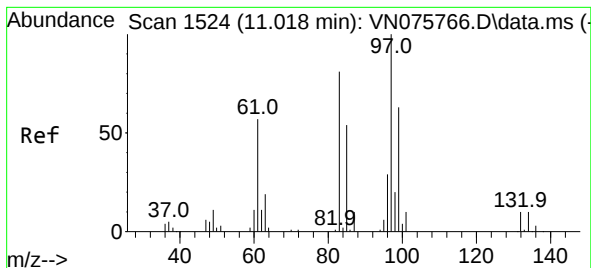
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.992 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075812.D
 Acq: 15 Dec 2022 13:00

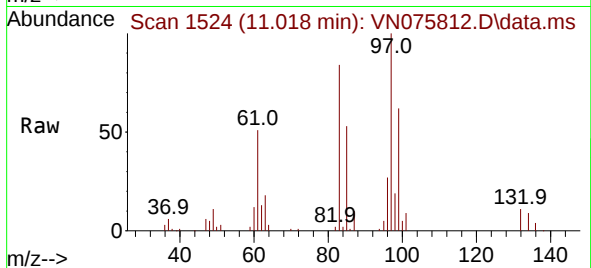
Tgt Ion: 75 Resp: 99407
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.8
 39 40.7 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 21.072 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

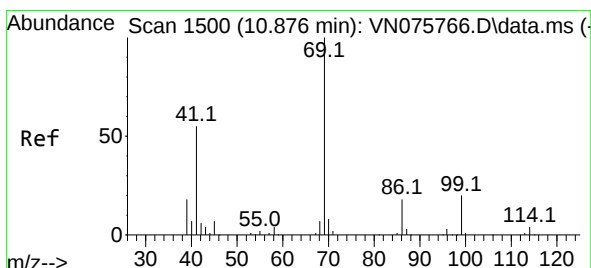
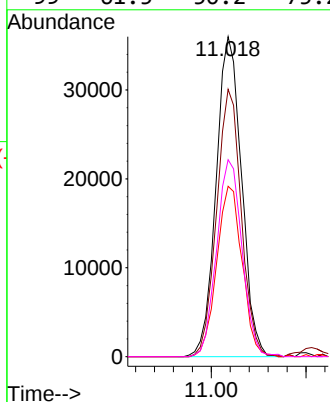
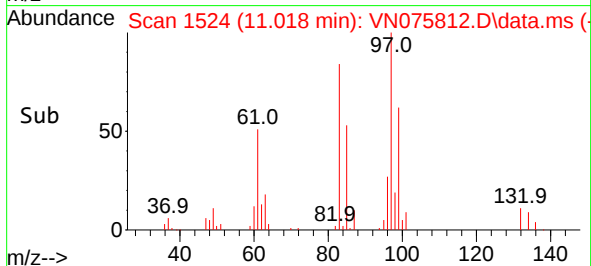
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 97	Resp: 6705
Ion Ratio	Lower Upper
97 100	
83 83.6	65.0 97.4
85 53.2	43.0 64.6
99 61.5	50.2 75.2

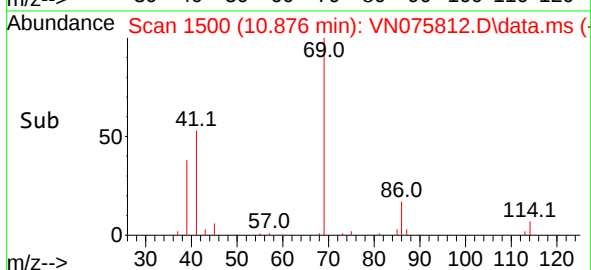
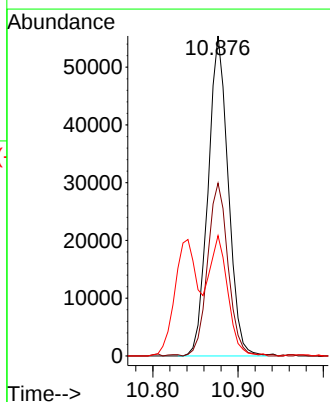
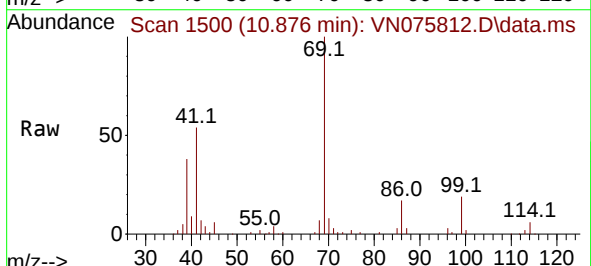
Manual Integrations
APPROVED

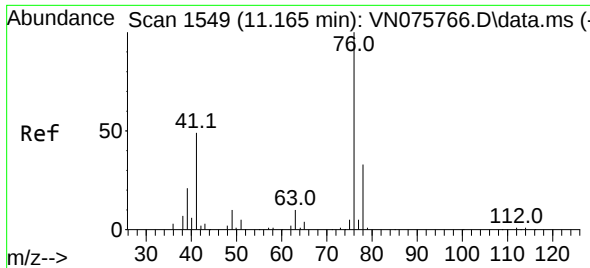
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#56
Ethyl methacrylate
Concen: 21.541 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 69	Resp: 91052
Ion Ratio	Lower Upper
69 100	
41 55.2	44.2 66.4
39 34.8	26.4 39.6





#57

1,3-Dichloropropane

Concen: 20.885 ug/l

RT: 11.165 min Scan# 1112

Delta R.T. 0.000 min

Lab File: VN075812.D

Acq: 15 Dec 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

Tgt Ion: 76 Resp: 109010

Ion Ratio Lower Upper

76 100

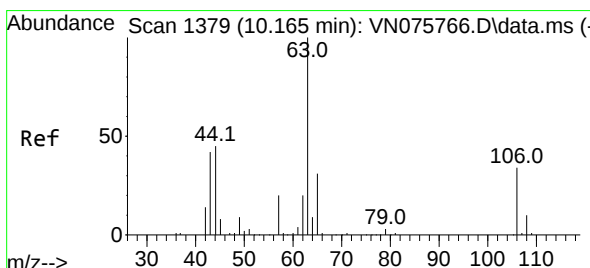
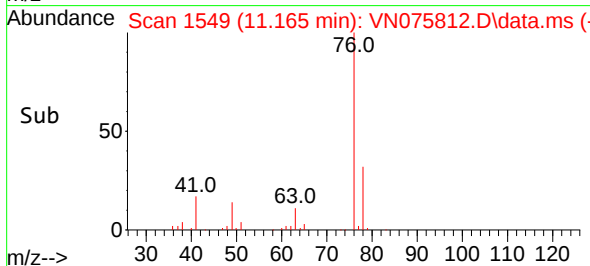
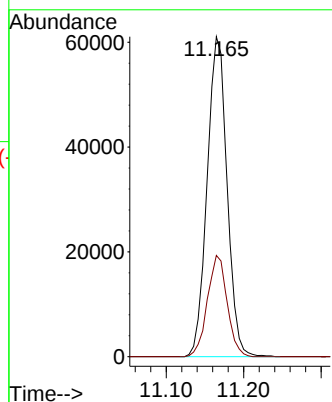
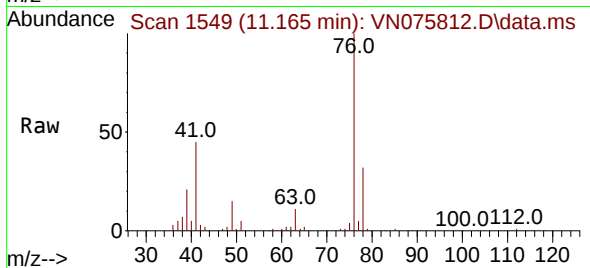
78 31.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 89.150 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075812.D

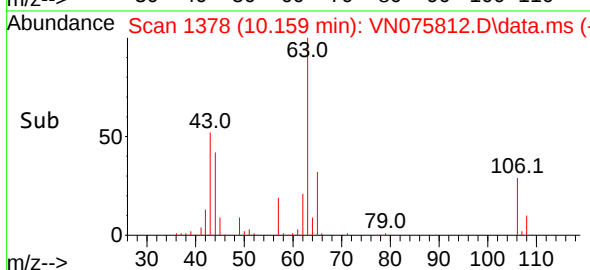
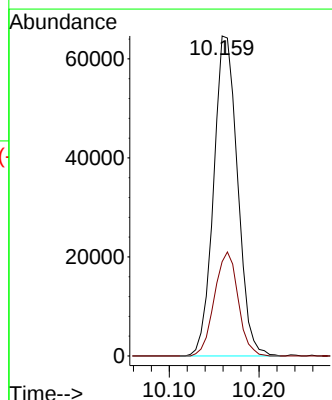
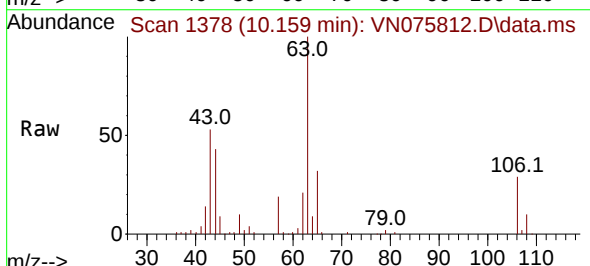
Acq: 15 Dec 2022 13:00

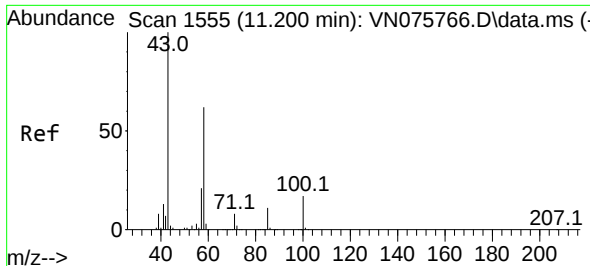
Tgt Ion: 63 Resp: 119974

Ion Ratio Lower Upper

63 100

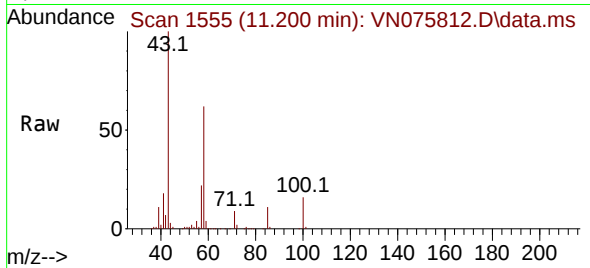
106 32.1 26.4 39.6





#59
2-Hexanone
Concen: 105.323 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

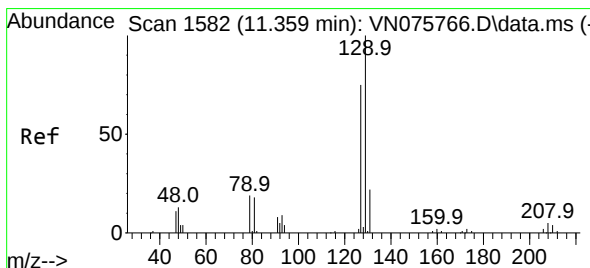
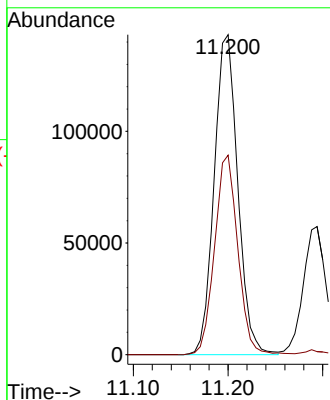
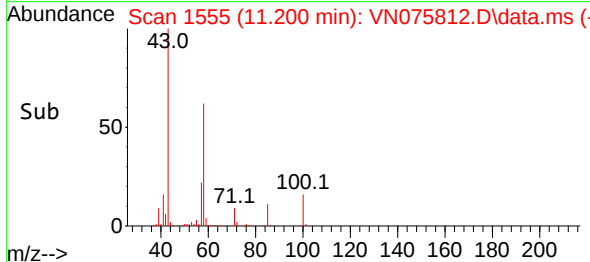
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 43 Resp: 248329
Ion Ratio Lower Upper
43 100
58 61.4 30.6 92.0

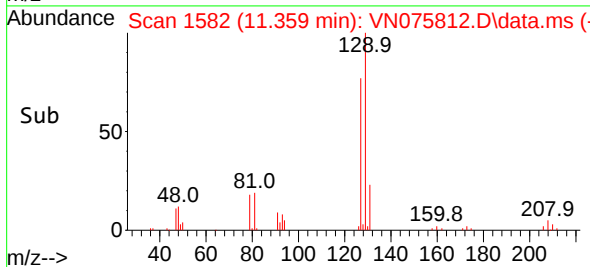
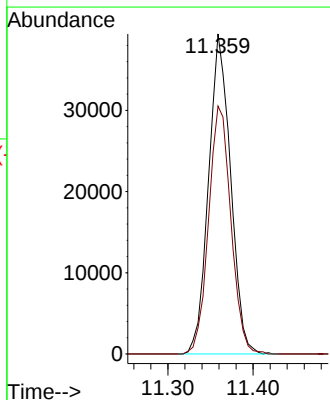
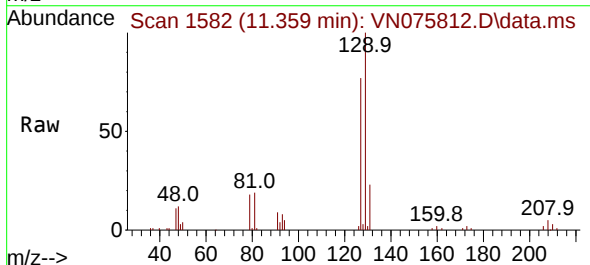
Manual Integrations
APPROVED

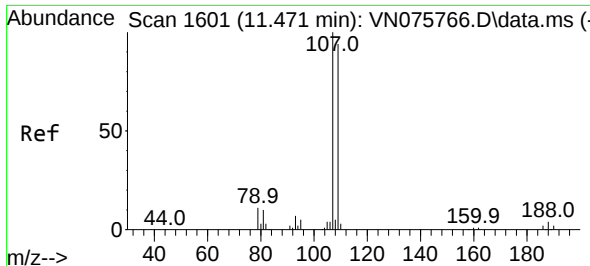
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#60
Dibromochloromethane
Concen: 19.950 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion:129 Resp: 70603
Ion Ratio Lower Upper
129 100
127 78.7 38.3 114.9





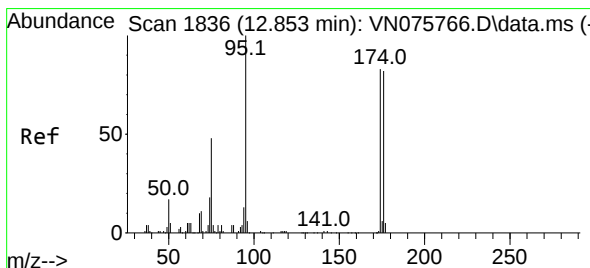
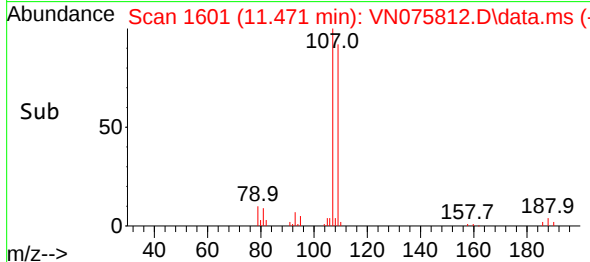
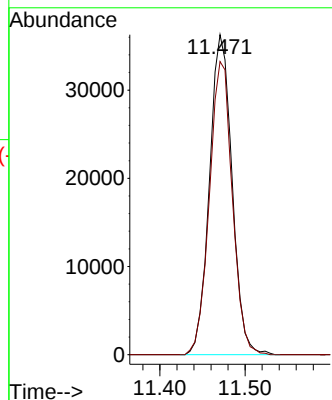
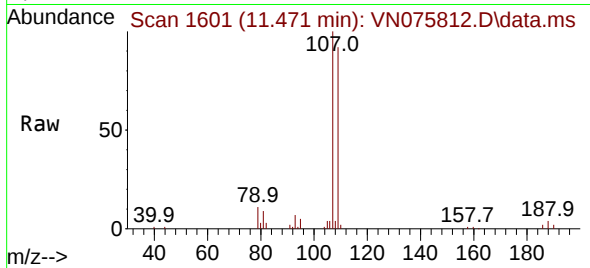
#61
1,2-Dibromoethane
Concen: 20.720 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:107 Resp: 66724
Ion Ratio Lower Upper
107 100
109 93.0 74.8 112.2

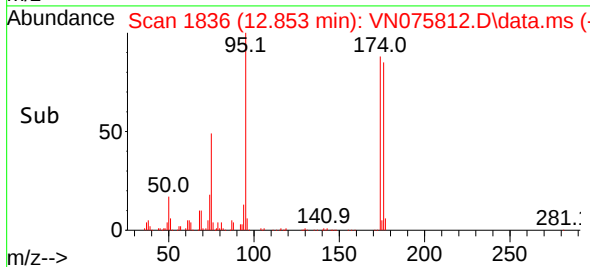
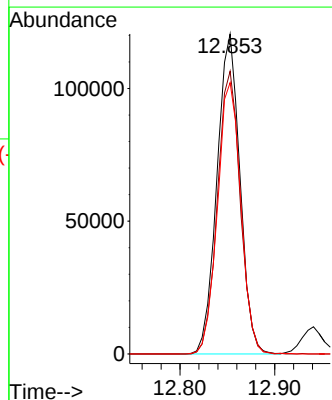
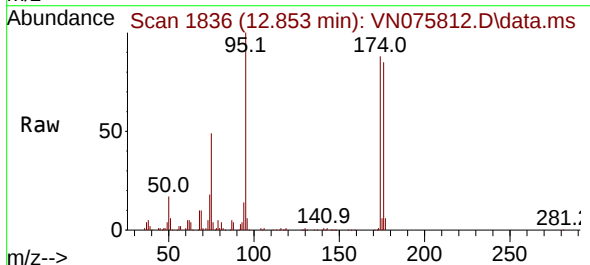
Manual Integrations
APPROVED

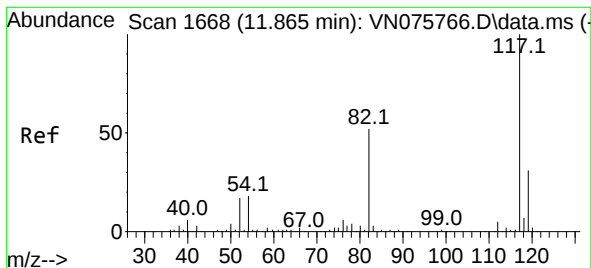
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#62
4-Bromofluorobenzene
Concen: 53.996 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

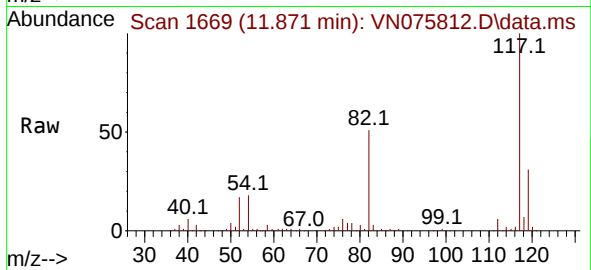
Tgt Ion: 95 Resp: 203092
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 86.2 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

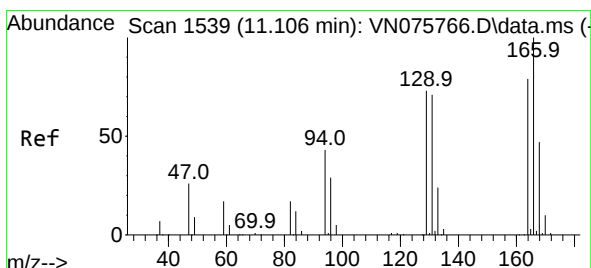
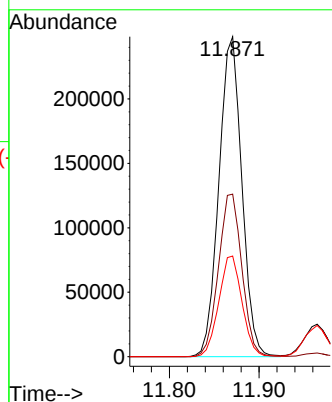
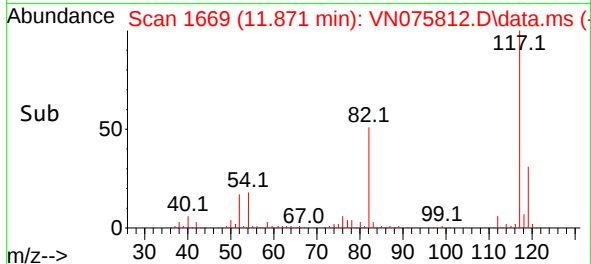
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion:117 Resp: 44061
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 31.5 24.6 37.0

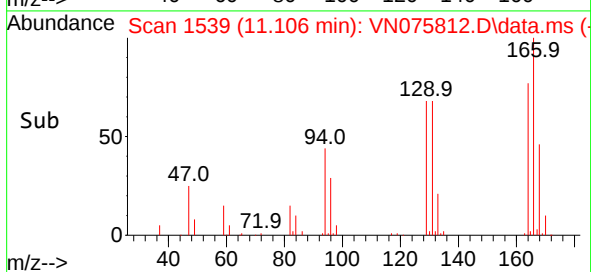
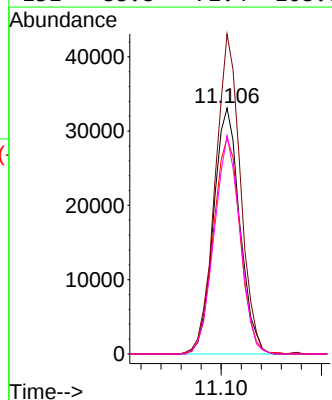
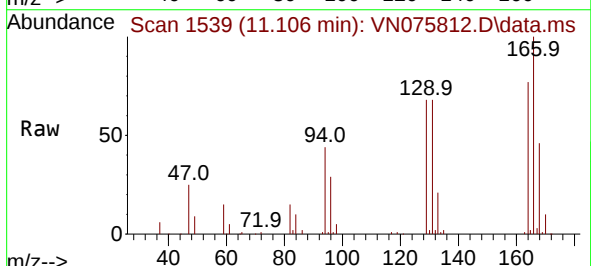
Manual Integrations
APPROVED

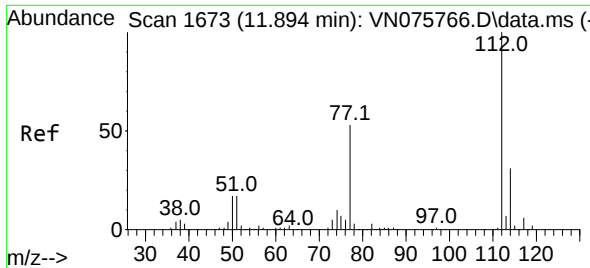
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#64
Tetrachloroethene
Concen: 19.401 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion:164 Resp: 60154
Ion Ratio Lower Upper
164 100
166 130.1 101.9 152.9
129 87.9 74.2 111.2
131 88.8 72.4 108.6





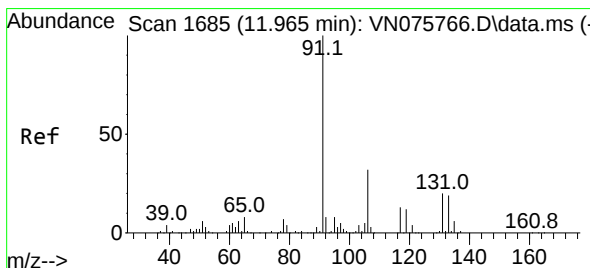
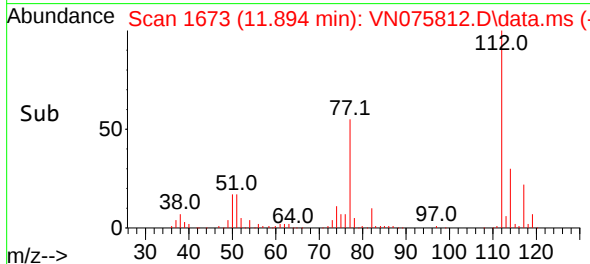
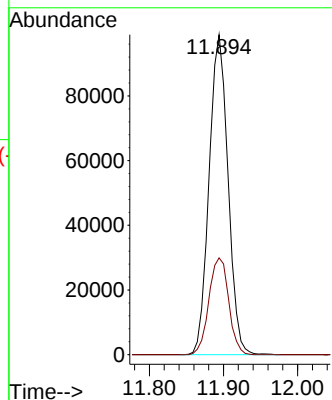
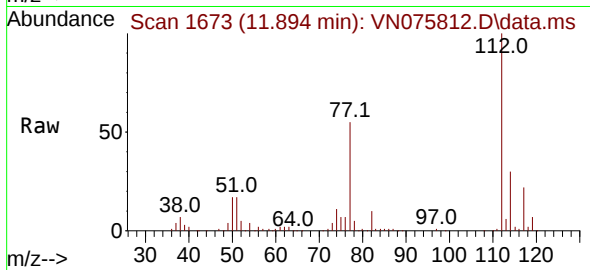
#65
Chlorobenzene
Concen: 19.406 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:112 Resp: 17550
Ion Ratio Lower Upper
112 100
114 30.2 24.7 37.1

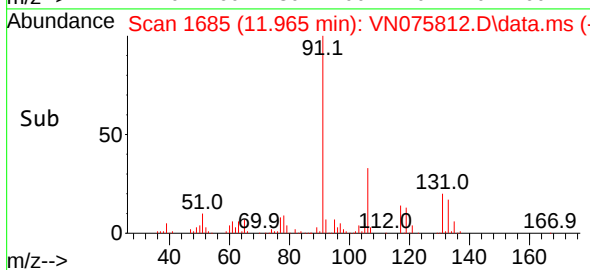
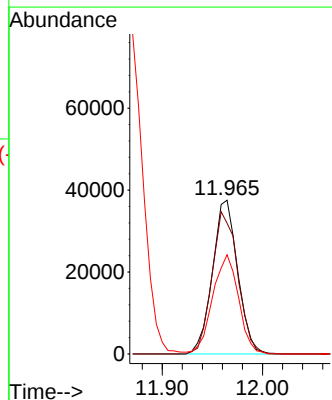
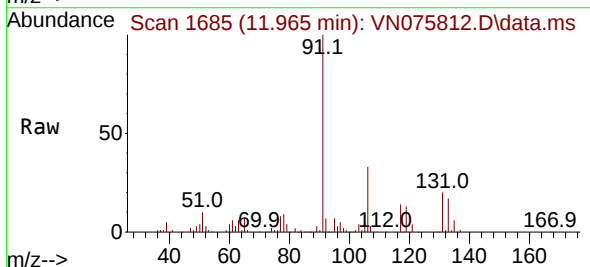
Manual Integrations
APPROVED

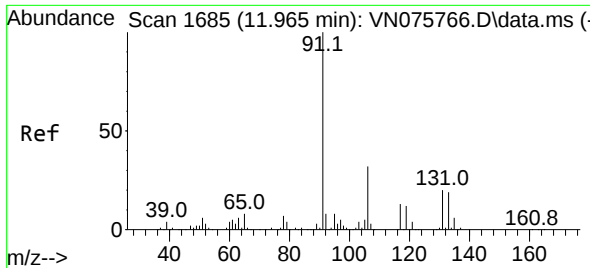
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.541 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

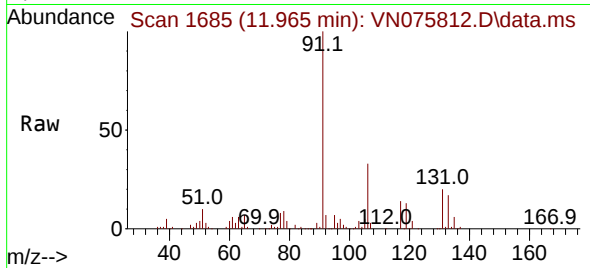
Tgt Ion:131 Resp: 65456
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.5
119 66.1 31.9 95.7





#67
Ethyl Benzene
Concen: 20.322 ug/l
RT: 11.965 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

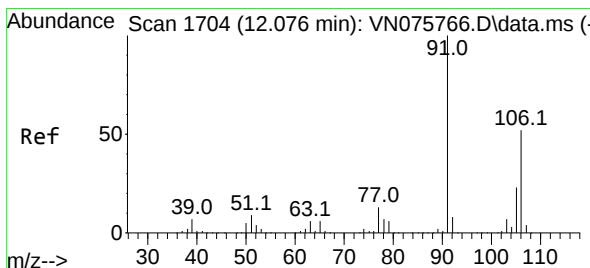
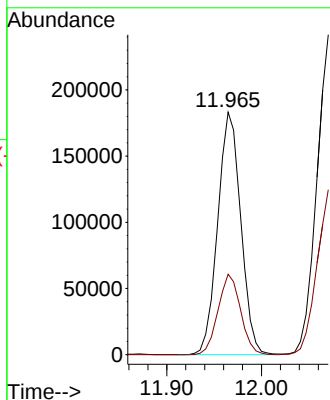
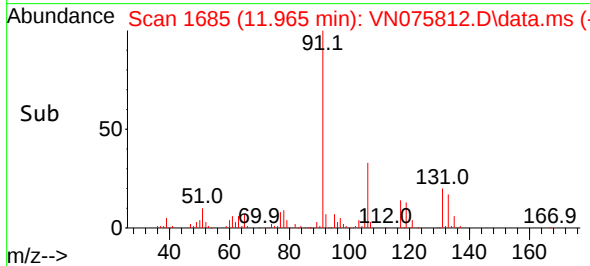
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



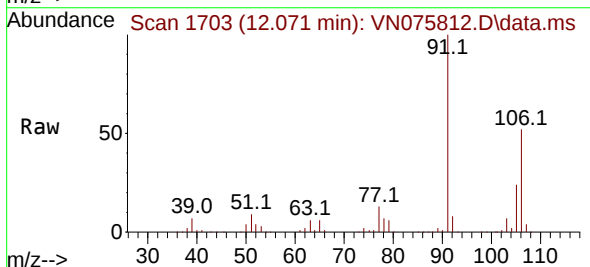
Tgt Ion: 91 Resp: 310179
Ion Ratio Lower Upper
91 100
106 33.2 25.7 38.5

Manual Integrations
APPROVED

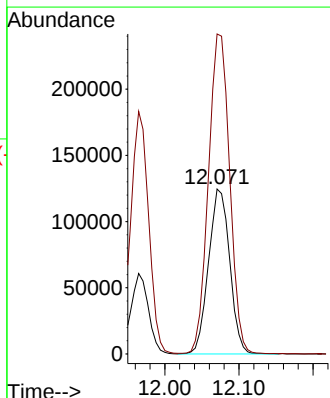
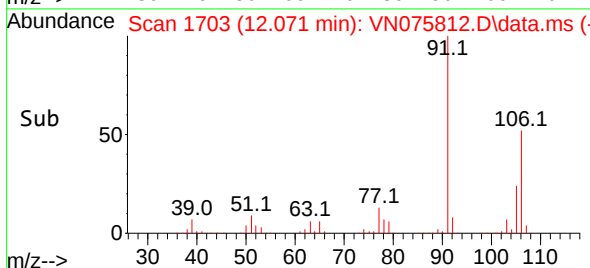
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

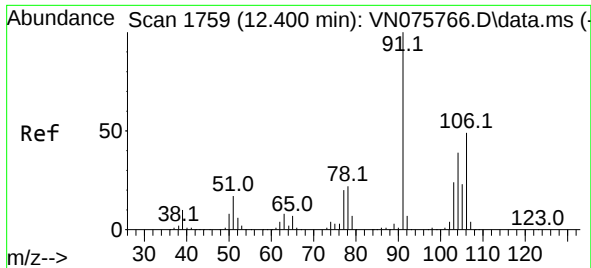


#68
m/p-Xylenes
Concen: 40.876 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00



Tgt Ion:106 Resp: 246939
Ion Ratio Lower Upper
106 100
91 195.7 156.6 235.0





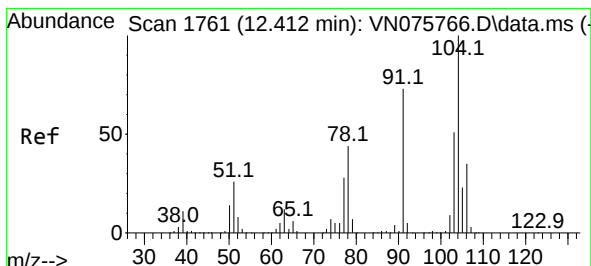
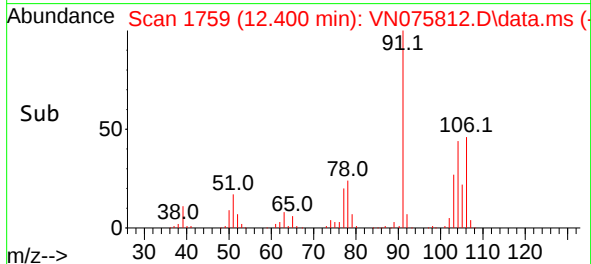
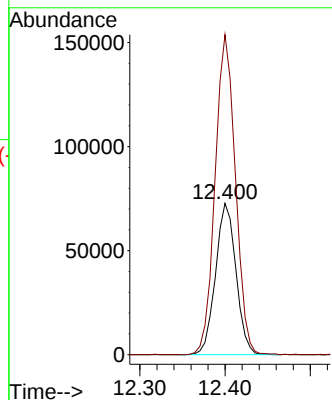
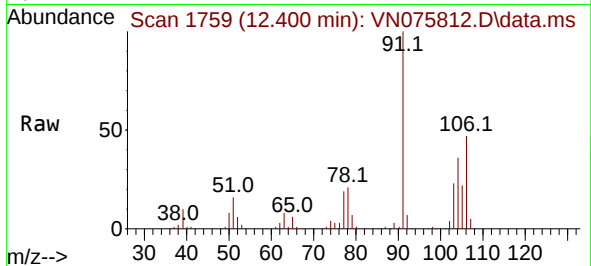
#69
o-Xylene
Concen: 20.239 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:106 Resp: 120998
Ion Ratio Lower Upper
106 100
91 210.7 103.8 311.6

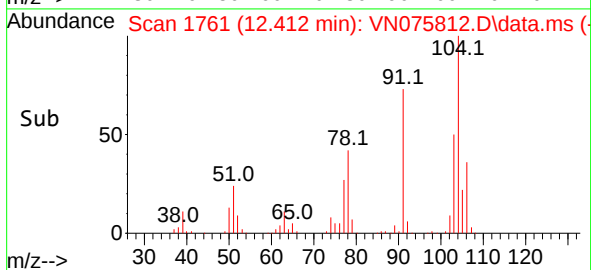
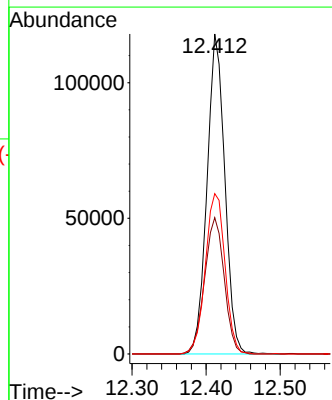
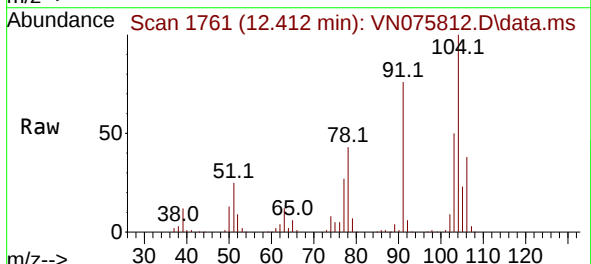
Manual Integrations
APPROVED

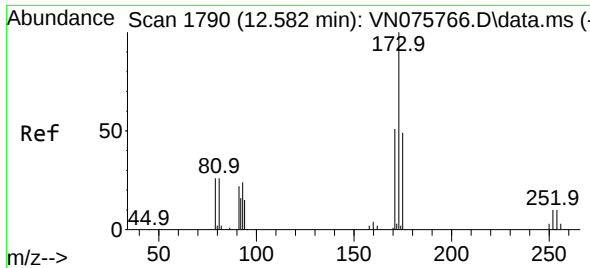
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#70
Styrene
Concen: 20.714 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

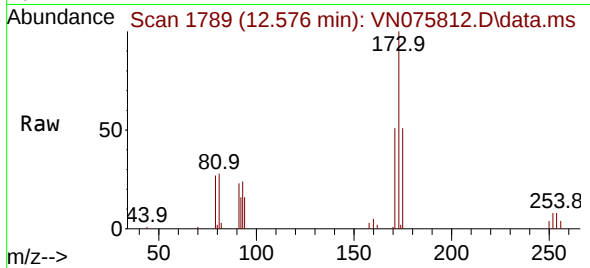
Tgt Ion:104 Resp: 196904
Ion Ratio Lower Upper
104 100
78 47.0 37.5 56.3
103 55.4 43.5 65.3





#71
Bromoform
Concen: 20.430 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

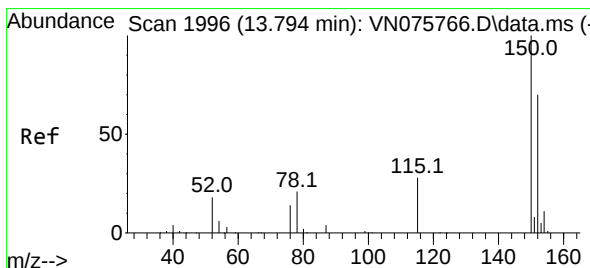
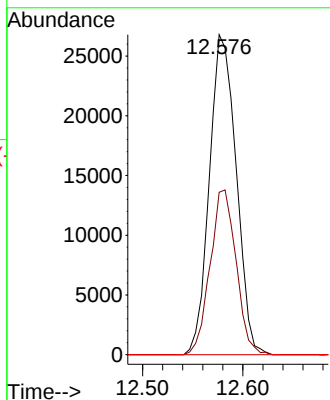
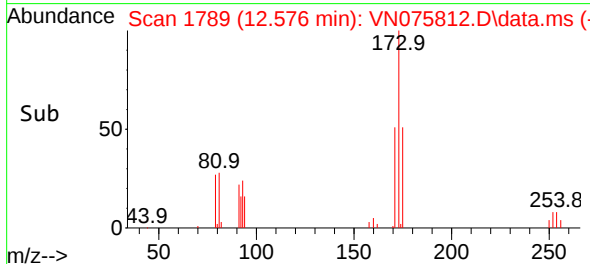
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



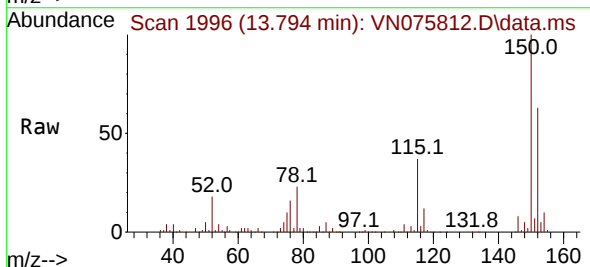
Tgt Ion:173 Resp: 49790
Ion Ratio Lower Upper
173 100
175 49.9 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

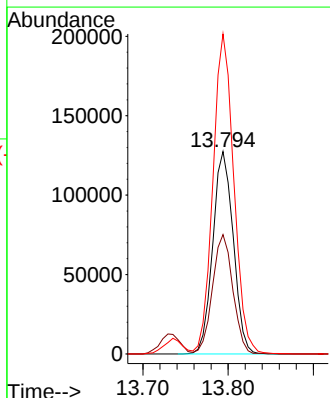
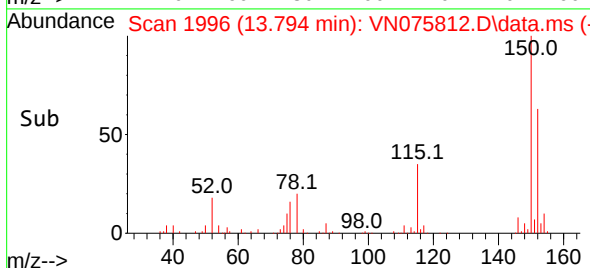
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

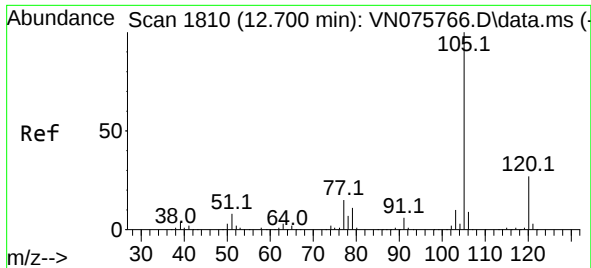


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00



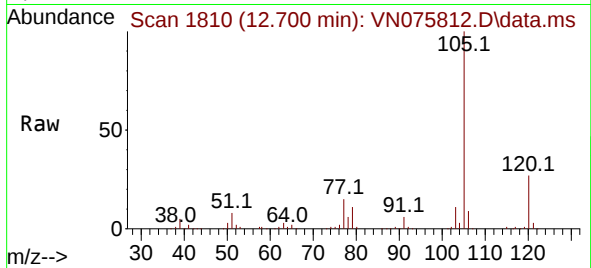
Tgt Ion:152 Resp: 213099
Ion Ratio Lower Upper
152 100
115 58.6 29.1 87.4
150 161.1 0.0 347.0





#73
Isopropylbenzene
Concen: 20.501 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

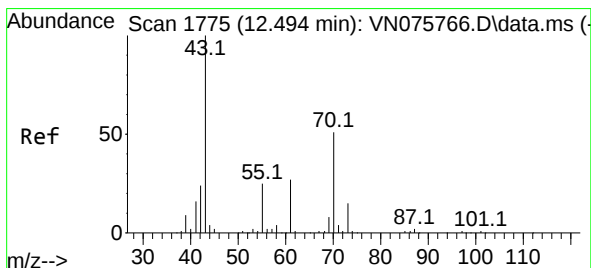
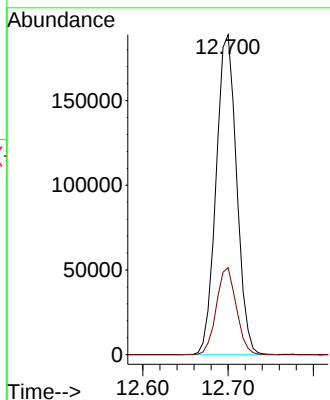
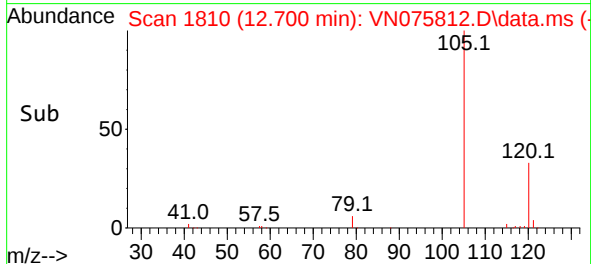
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



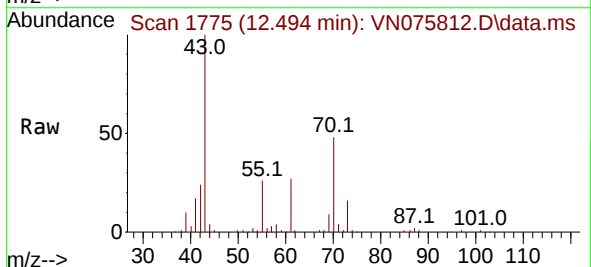
Tgt Ion:105 Resp: 315710
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

Manual Integrations
APPROVED

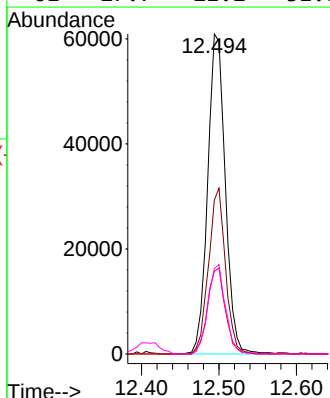
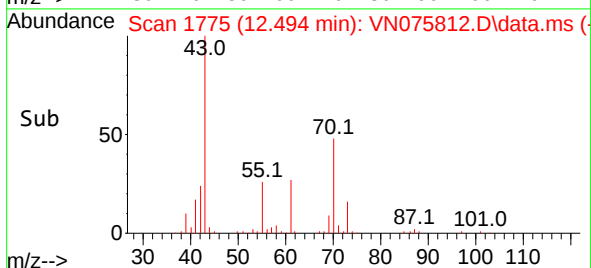
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

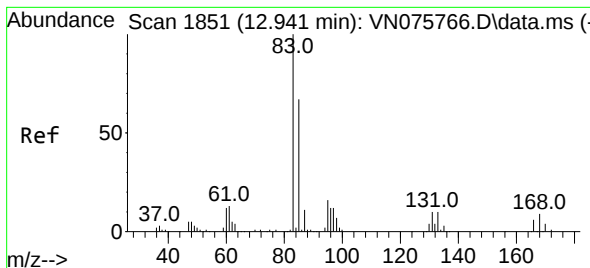


#74
N-ethyl acetate
Concen: 21.325 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00



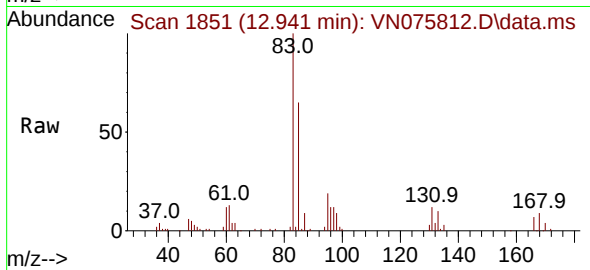
Tgt Ion: 43 Resp: 96341
Ion Ratio Lower Upper
43 100
70 49.9 41.4 62.0
55 27.2 21.3 31.9
61 27.7 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.908 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

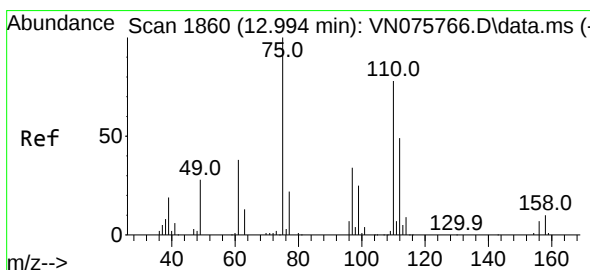
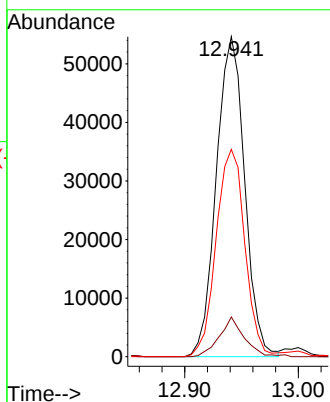
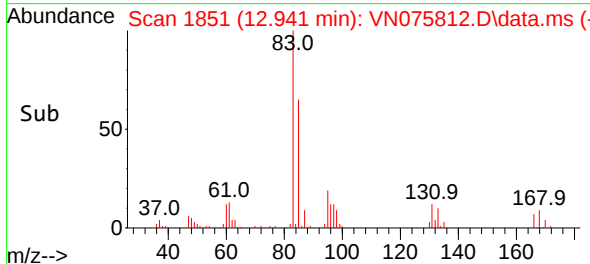
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 83 Resp: 94775
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 65.6 32.6 98.0

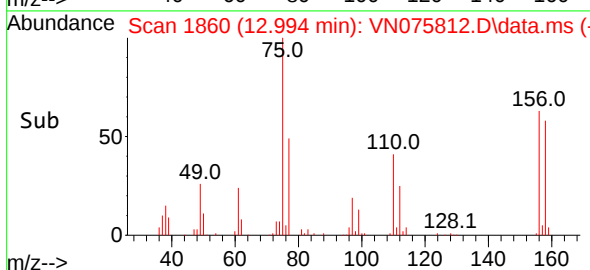
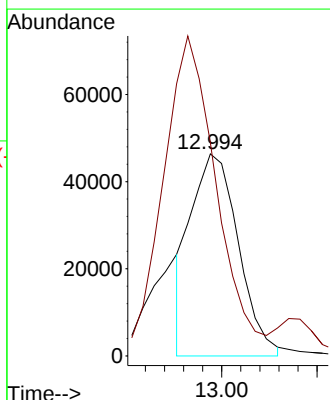
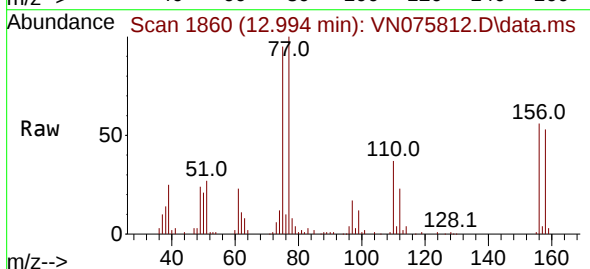
Manual Integrations
APPROVED

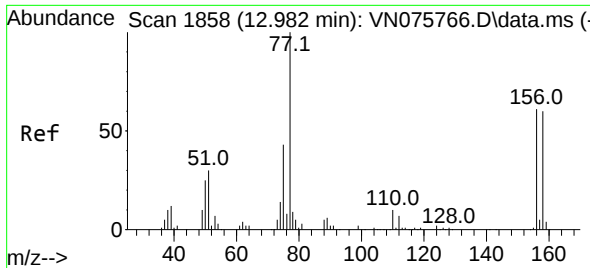
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#76
1,2,3-Trichloropropane
Concen: 18.613 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

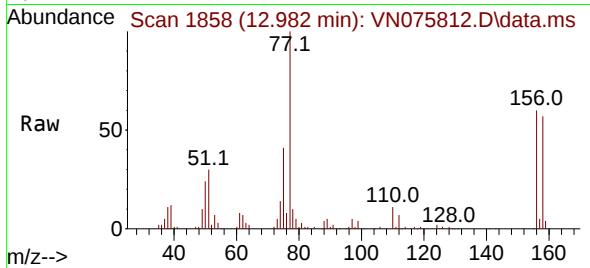
Tgt Ion: 75 Resp: 79955
Ion Ratio Lower Upper
75 100
77 178.9 82.6 247.8





#77
Bromobenzene
Concen: 19.877 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

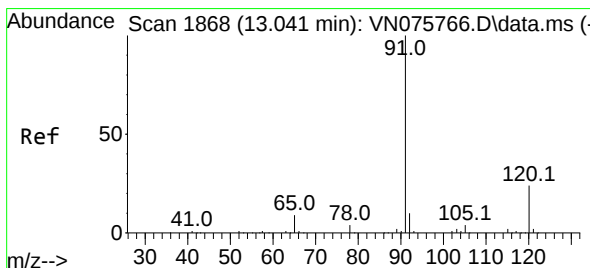
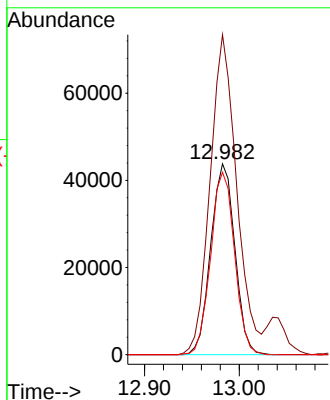
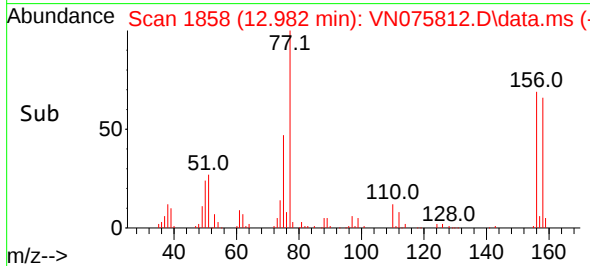
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



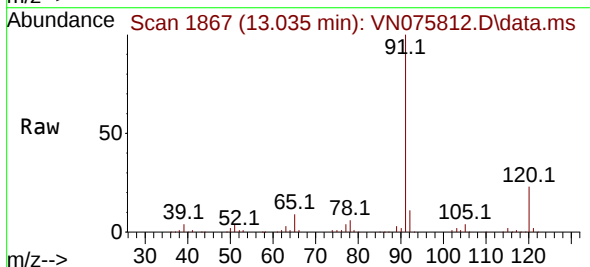
Tgt Ion:156 Resp: 77464
Ion Ratio Lower Upper
156 100
77 184.6 93.8 281.3
158 94.7 48.9 146.6

Manual Integrations
APPROVED

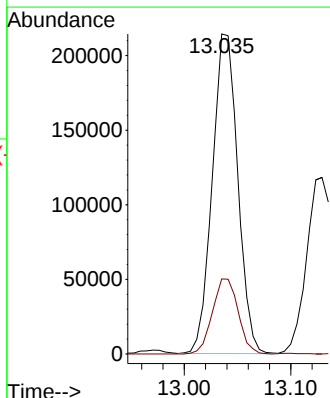
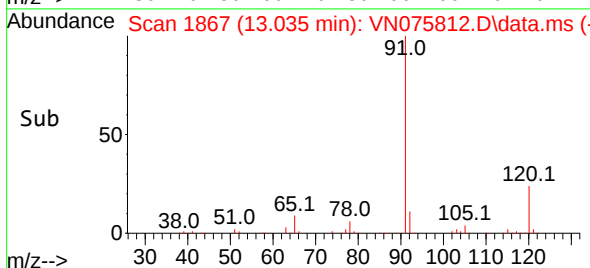
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

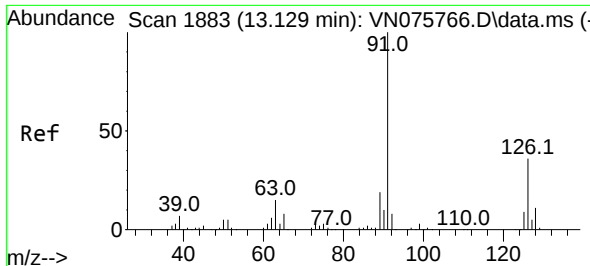


#78
n-propylbenzene
Concen: 20.967 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00



Tgt Ion: 91 Resp: 356113
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.1





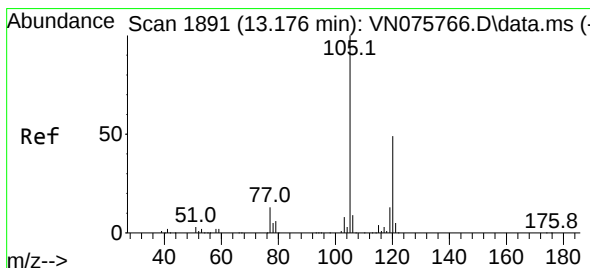
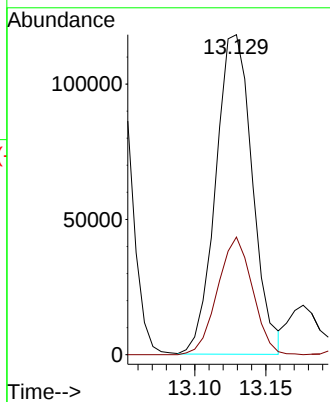
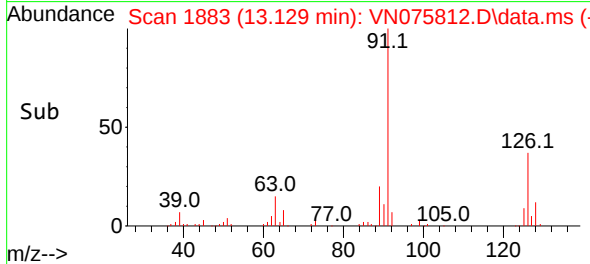
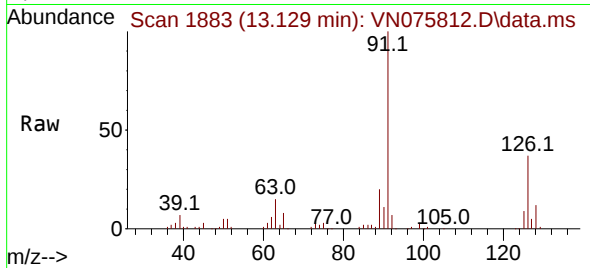
#79
2-Chlorotoluene
Concen: 20.020 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 91 Resp: 21225
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5

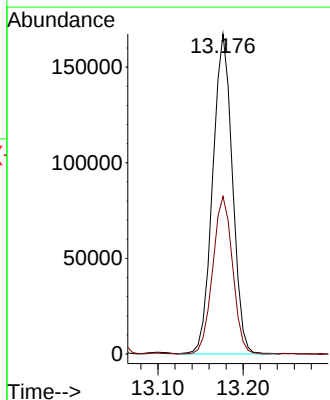
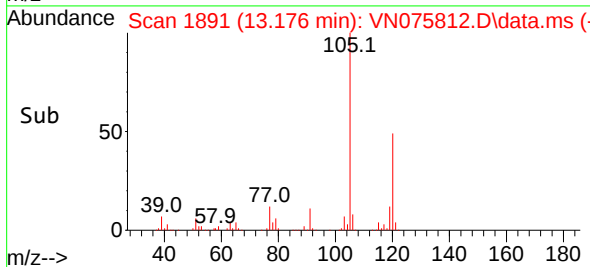
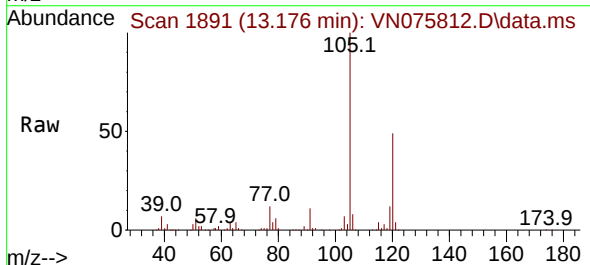
Manual Integrations
APPROVED

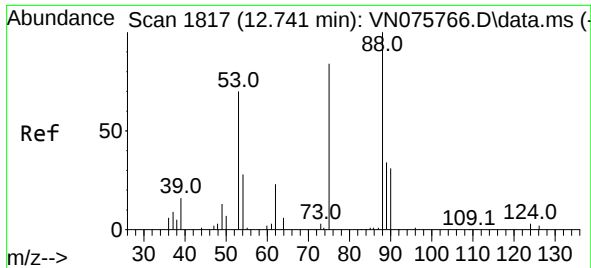
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.848 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

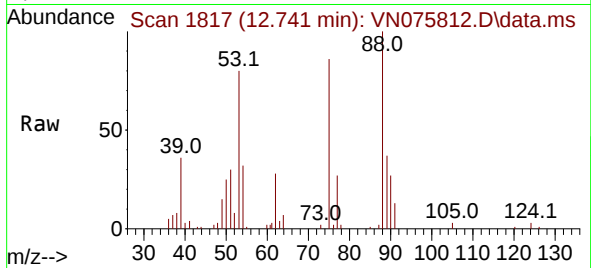
Tgt Ion:105 Resp: 268705
Ion Ratio Lower Upper
105 100
120 49.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 20.248 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

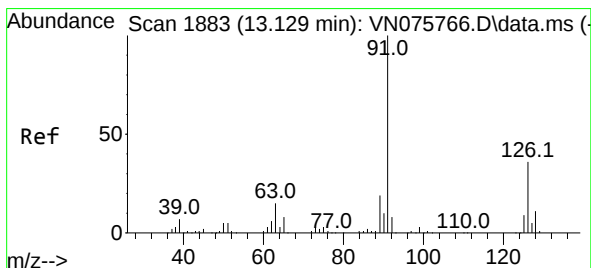
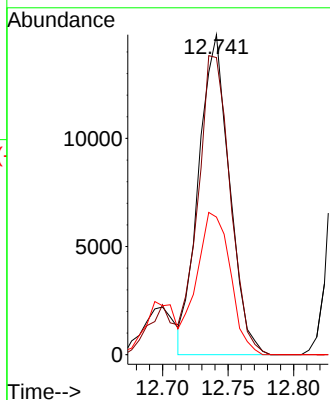
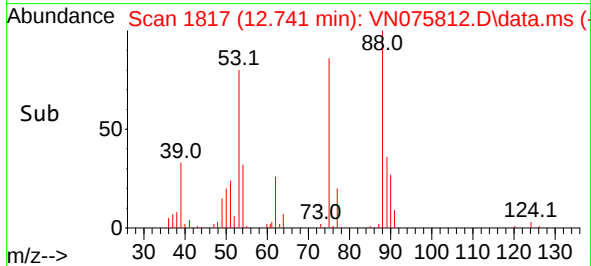
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



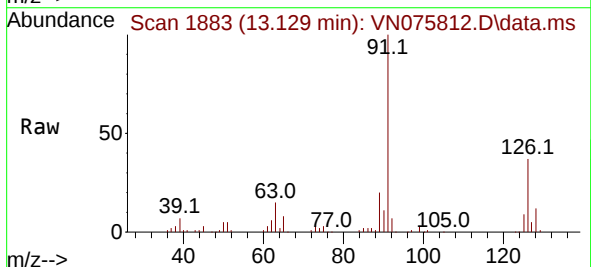
Tgt Ion: 75 Resp: 24164
Ion Ratio Lower Upper
75 100
53 97.5 73.8 110.6
89 48.8 39.5 59.3

Manual Integrations
APPROVED

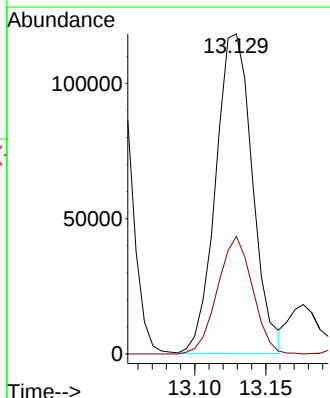
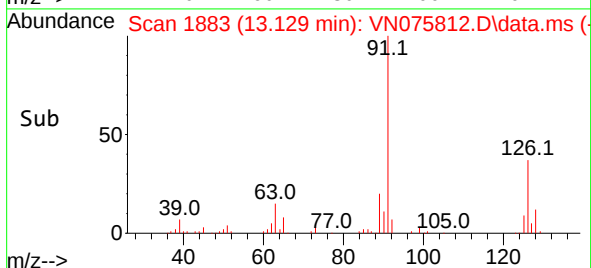
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

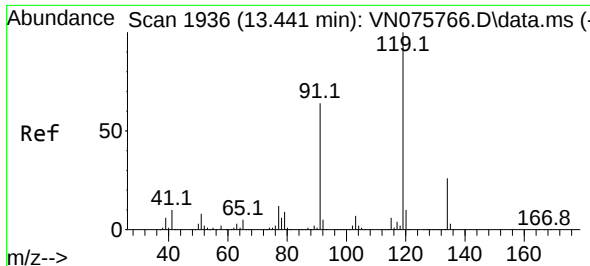


#82
4-Chlorotoluene
Concen: 20.020 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00



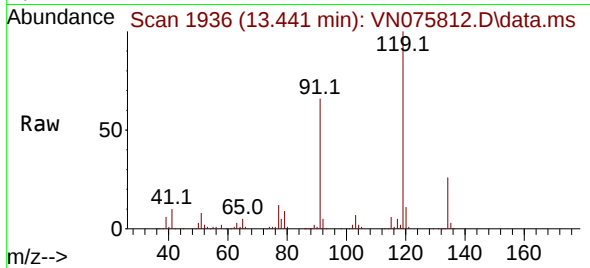
Tgt Ion: 91 Resp: 212255
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5





#83
tert-Butylbenzene
Concen: 20.760 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

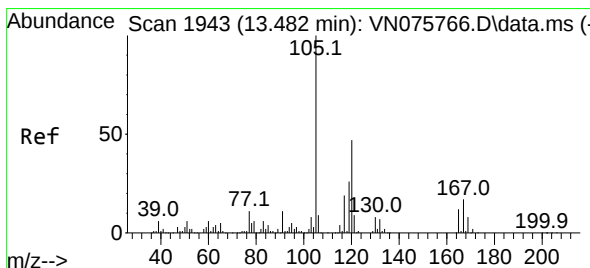
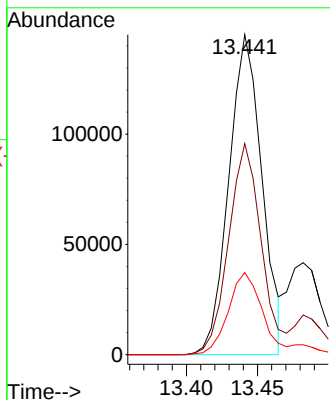
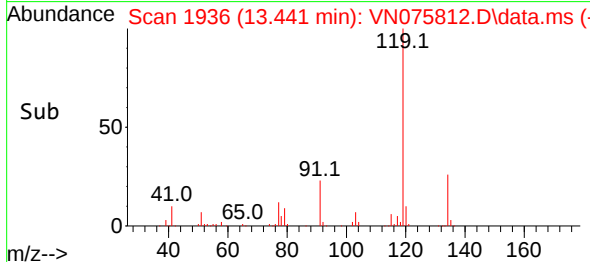
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



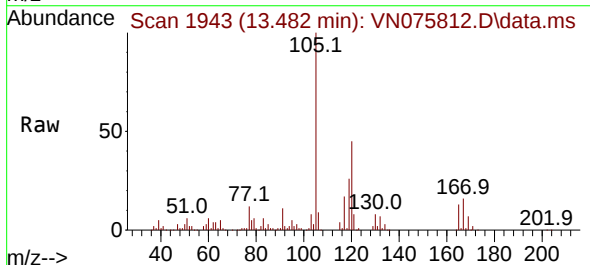
Tgt Ion:119 Resp: 23590
Ion Ratio Lower Upper
119 100
91 65.3 31.9 95.5
134 28.5 13.8 41.4

Manual Integrations
APPROVED

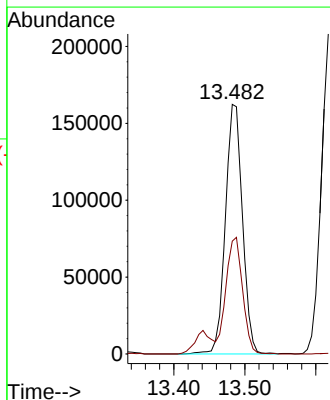
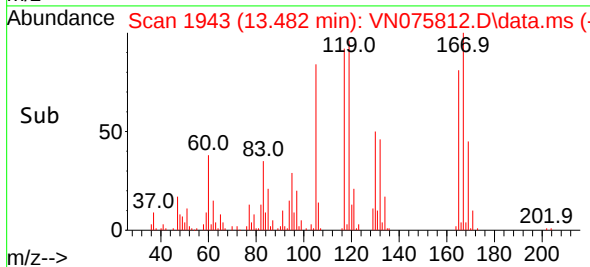
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

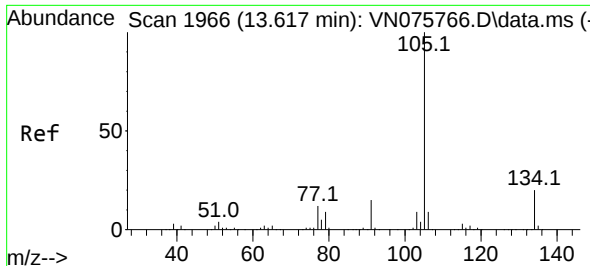


#84
1,2,4-Trimethylbenzene
Concen: 21.179 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00



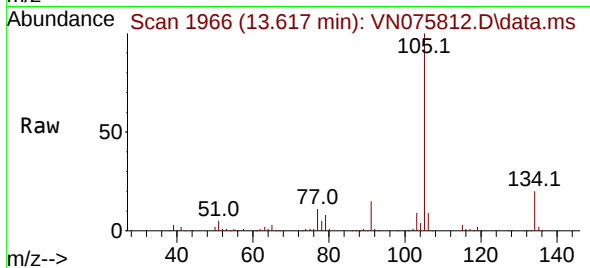
Tgt Ion:105 Resp: 270795
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 21.086 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075812.D
 Acq: 15 Dec 2022 13:00

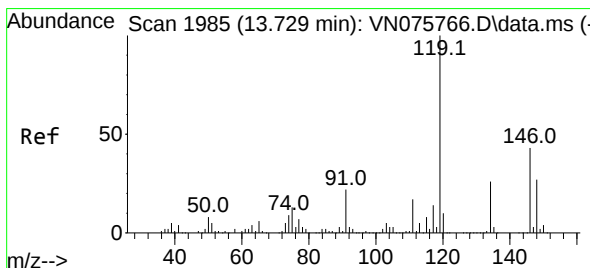
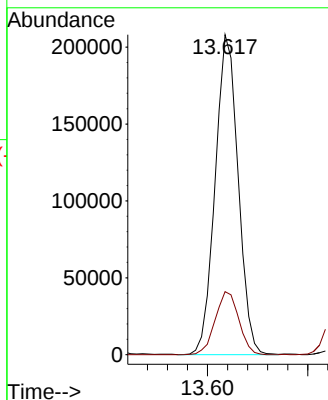
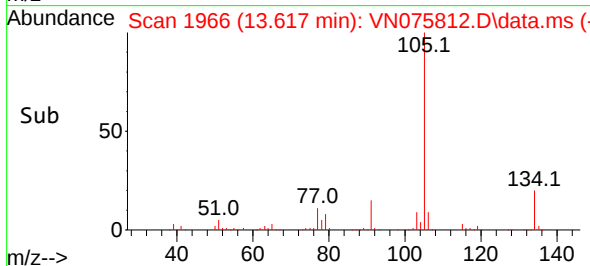
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01



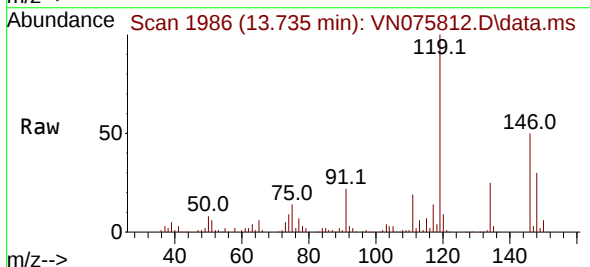
Tgt Ion:105 Resp: 33072
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
 APPROVED

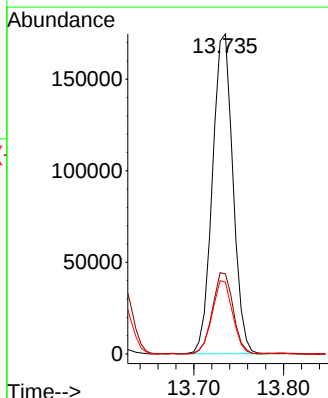
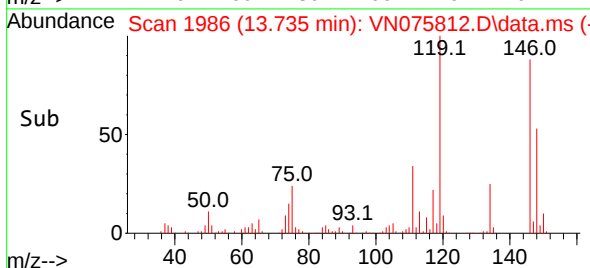
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022

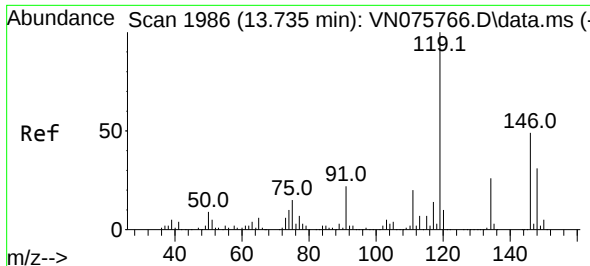


#86
 p-Isopropyltoluene
 Concen: 21.191 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075812.D
 Acq: 15 Dec 2022 13:00



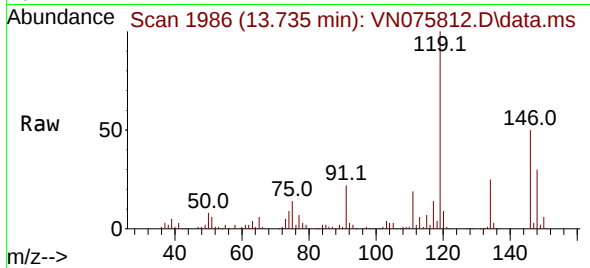
Tgt Ion:119 Resp: 276558
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 23.1 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 19.901 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

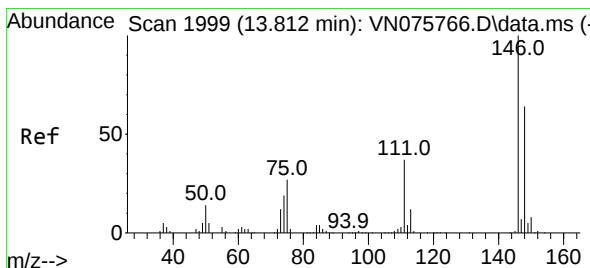
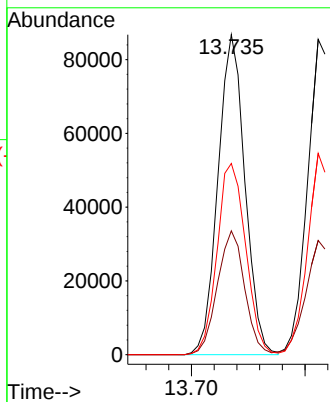
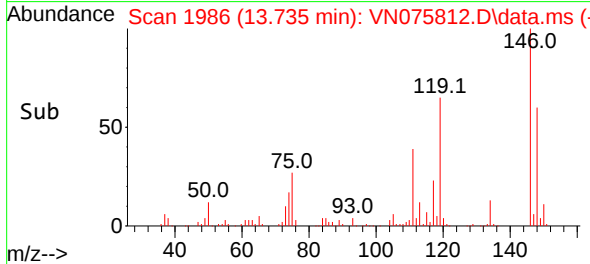
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



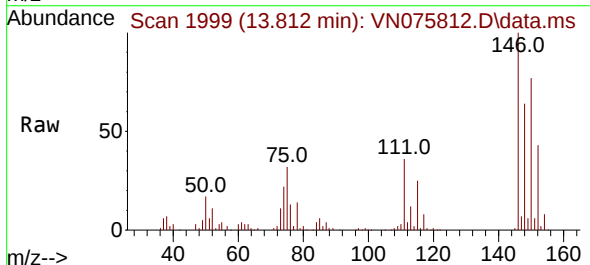
Tgt Ion:146 Resp: 143270
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.0
148 63.3 31.4 94.2

Manual Integrations
APPROVED

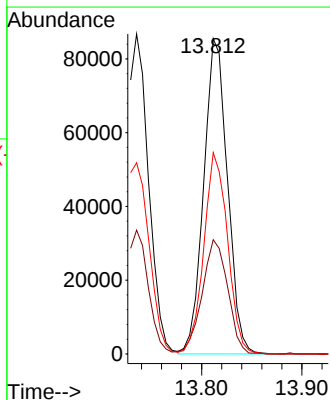
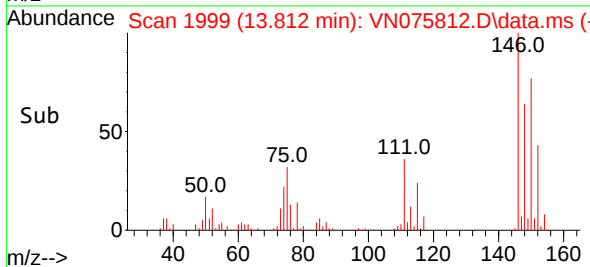
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

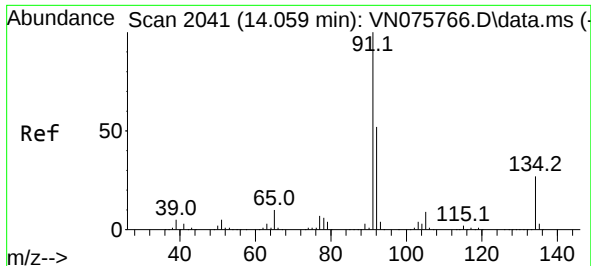


#88
1,4-Dichlorobenzene
Concen: 19.142 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00



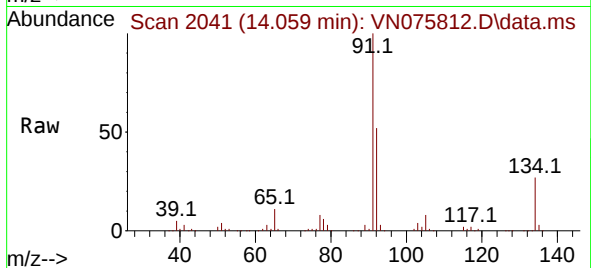
Tgt Ion:146 Resp: 140777
Ion Ratio Lower Upper
146 100
111 39.1 19.1 57.1
148 63.9 32.0 96.2





#89
n-Butylbenzene
Concen: 20.789 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

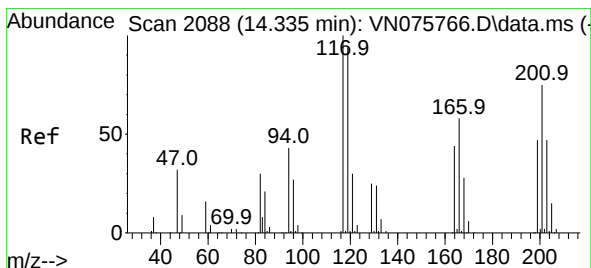
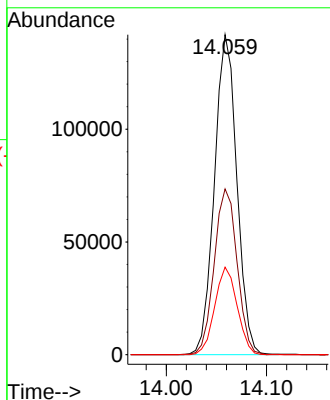
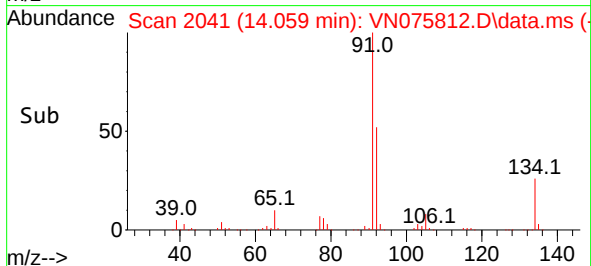
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 91 Resp: 21979
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 27.3 13.4 40.2

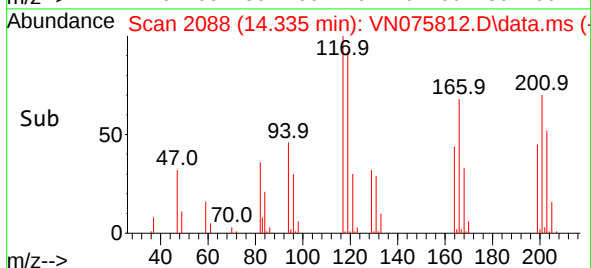
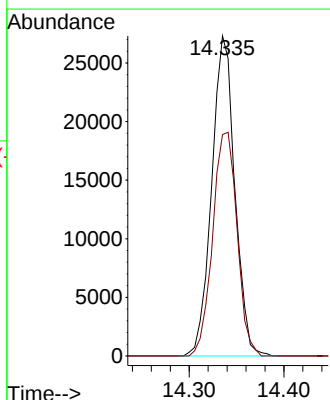
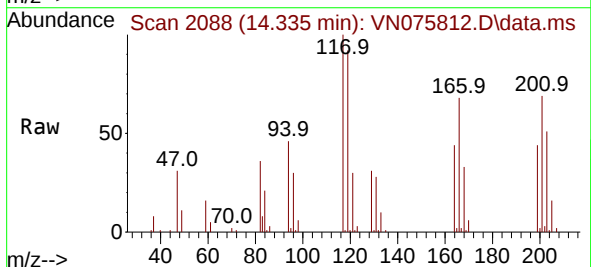
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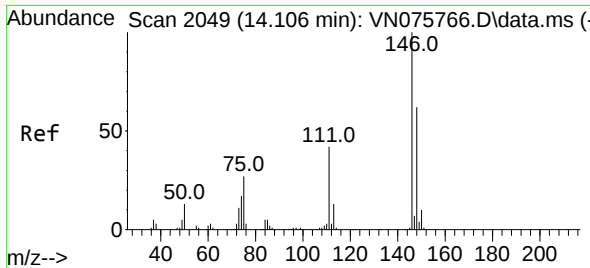
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#90
Hexachloroethane
Concen: 19.791 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion:117 Resp: 46202
Ion Ratio Lower Upper
117 100
201 73.8 38.0 114.1





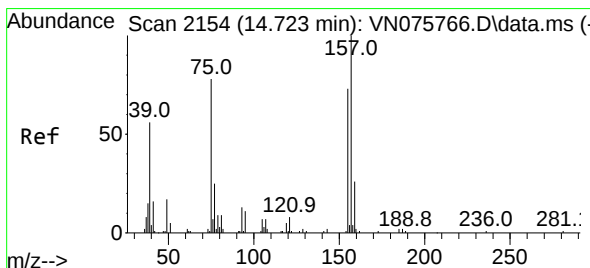
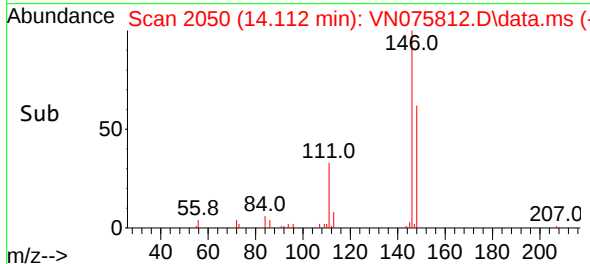
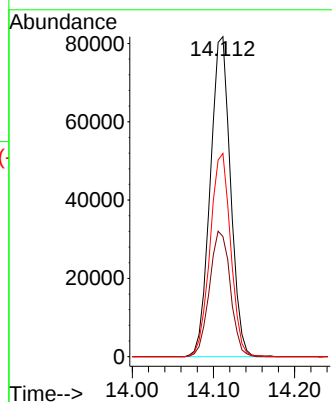
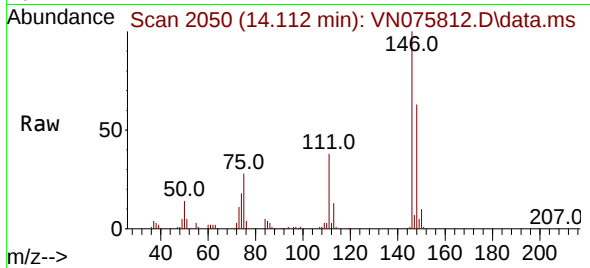
#91
1,2-Dichlorobenzene
Concen: 19.989 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:146 Resp: 14174
Ion Ratio Lower Upper
146 100
111 40.4 20.3 61.0
148 64.6 31.7 95.1

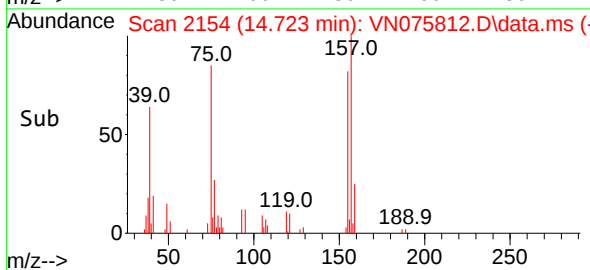
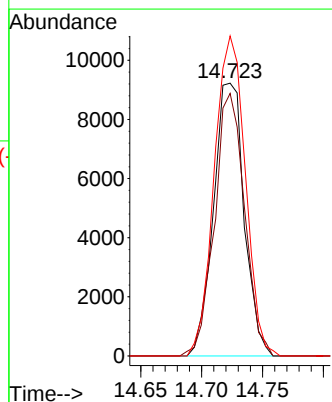
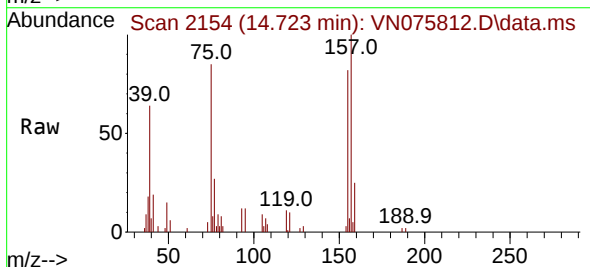
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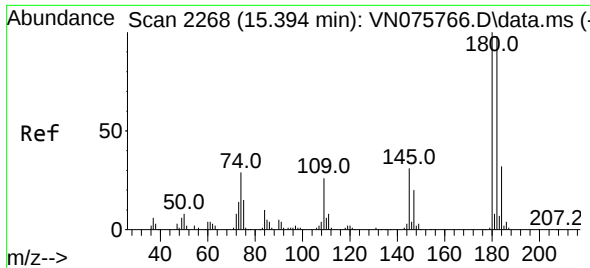
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.151 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Tgt Ion: 75 Resp: 16177
Ion Ratio Lower Upper
75 100
155 94.2 49.3 147.8
157 118.6 63.7 191.3





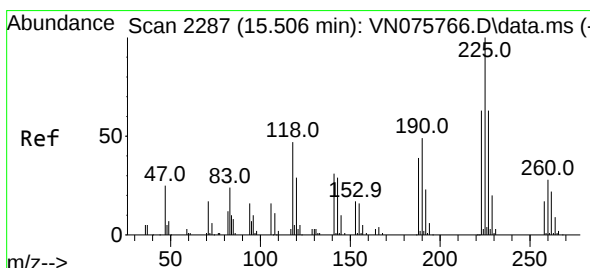
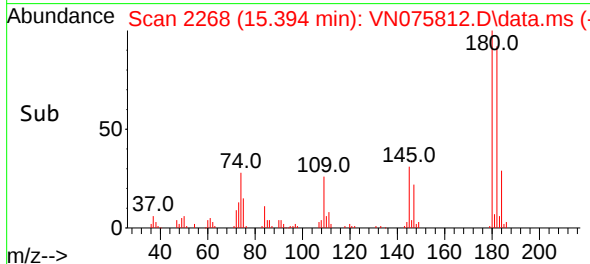
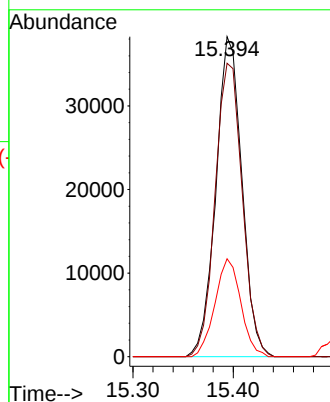
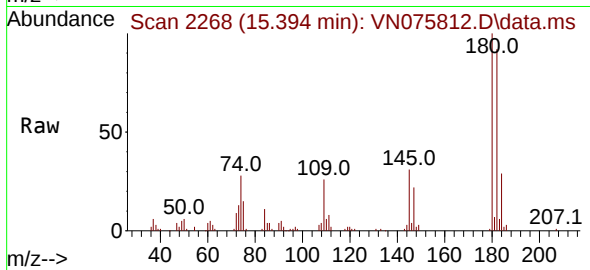
#93
1,2,4-Trichlorobenzene
Concen: 19.645 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:180 Resp: 68964
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.5
145 30.4 15.3 45.8

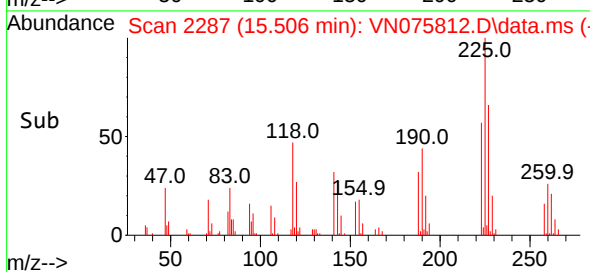
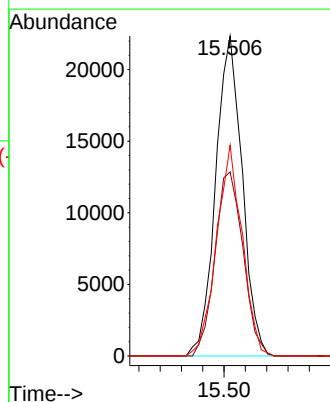
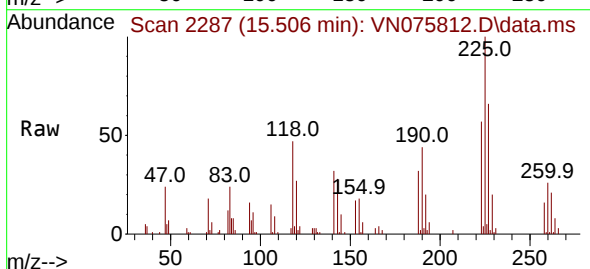
Manual Integrations
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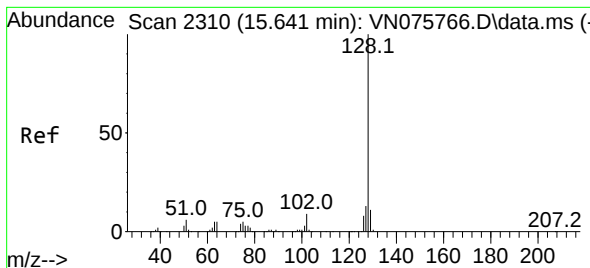
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#94
Hexachlorobutadiene
Concen: 20.153 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

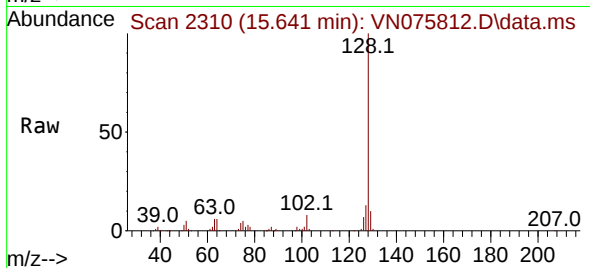
Tgt Ion:225 Resp: 38599
Ion Ratio Lower Upper
225 100
223 61.1 31.5 94.5
227 64.2 31.6 95.0





#95
Naphthalene
Concen: 19.758 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00

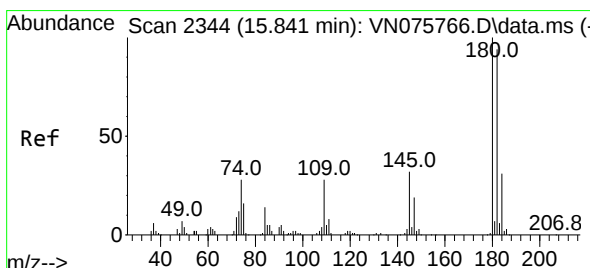
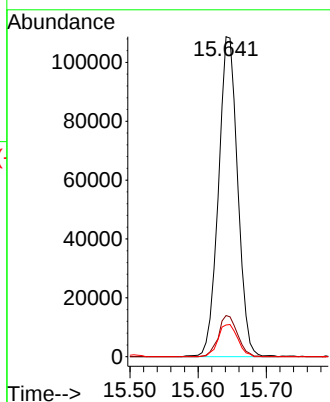
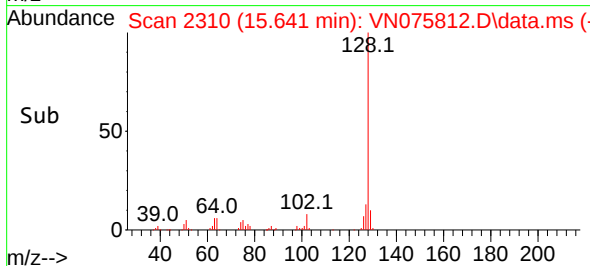
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



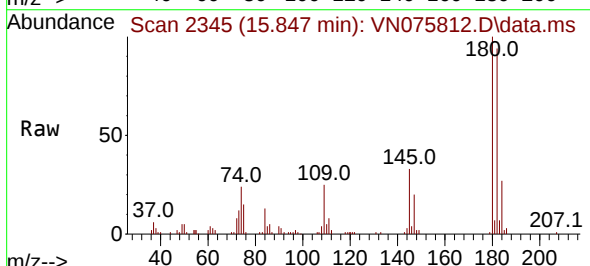
Tgt Ion:128 Resp: 21317
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.449 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075812.D
Acq: 15 Dec 2022 13:00



Tgt Ion:180 Resp: 67097
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.0
145 32.8 16.0 47.9

