

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075775.D
 Acq On : 14 Dec 2022 17:15
 Operator : JC\MD
 Sample : VN1214WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 00:28:25 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	299224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	478911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	430079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171829	52.785	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.560%			
35) Dibromofluoromethane	8.171	113	154665	52.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	10.571	98	587547	52.985	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.980%			
62) 4-Bromofluorobenzene	12.853	95	196758	53.572	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	41308	19.443	ug/l	98
3) Chloromethane	2.371	50	51602	19.532	ug/l #	88
4) Vinyl Chloride	2.524	62	63338	20.099	ug/l	97
5) Bromomethane	2.959	94	54450	20.330	ug/l	94
6) Chloroethane	3.124	64	47722	20.449	ug/l	98
7) Trichlorofluoromethane	3.506	101	94819	19.829	ug/l	88
8) Diethyl Ether	3.971	74	35278	20.199	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	55319	20.259	ug/l	98
10) Methyl Iodide	4.601	142	88640	20.003	ug/l	99
11) Tert butyl alcohol	5.536	59	49614	107.712	ug/l	100
12) 1,1-Dichloroethene	4.353	96	52453	19.779	ug/l	96
13) Acrolein	4.195	56	60160	106.534	ug/l	100
14) Allyl chloride	5.036	41	59805	19.291	ug/l	88
15) Acrylonitrile	5.730	53	132184	105.158	ug/l	99
16) Acetone	4.442	43	125292	111.653	ug/l	99
17) Carbon Disulfide	4.724	76	120711	18.799	ug/l	97
18) Methyl Acetate	5.042	43	71080	21.429	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	184146	21.086	ug/l	97
20) Methylene Chloride	5.289	84	59899	19.564	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	57338	19.742	ug/l	86
22) Diisopropyl ether	6.683	45	159918	21.234	ug/l	98
23) Vinyl Acetate	6.612	43	529530	104.465	ug/l	99
24) 1,1-Dichloroethane	6.583	63	99978	19.906	ug/l	99
25) 2-Butanone	7.489	43	176703	112.462	ug/l	97
26) 2,2-Dichloropropane	7.494	77	85672	20.142	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	69008	19.867	ug/l	96
28) Bromochloromethane	7.824	49	40584	18.435	ug/l	100
29) Tetrahydrofuran	7.841	42	105360	107.003	ug/l	97
30) Chloroform	7.971	83	112029	19.811	ug/l	100
31) Cyclohexane	8.259	56	90707	19.456	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	102375	20.420	ug/l	96
36) 1,1-Dichloropropene	8.377	75	79678	20.224	ug/l	99
37) Ethyl Acetate	7.571	43	64202	20.287	ug/l	97
38) Carbon Tetrachloride	8.365	117	90664	20.561	ug/l	99
39) Methylcyclohexane	9.606	83	100449	21.133	ug/l	98
40) Benzene	8.612	78	246494	20.278	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	36124	21.961	ug/l	96
42) 1,2-Dichloroethane	8.677	62	83795	20.735	ug/l	98
43) Isopropyl Acetate	8.694	43	115148	22.058	ug/l	99
44) Trichloroethene	9.353	130	67502	19.712	ug/l	90
45) 1,2-Dichloropropane	9.624	63	60845	20.569	ug/l	95
46) Dibromomethane	9.712	93	44579	20.319	ug/l	99
47) Bromodichloromethane	9.894	83	86291	20.056	ug/l	97
48) Methyl methacrylate	9.688	41	53586	22.791	ug/l	96
49) 1,4-Dioxane	9.700	88	26937	466.021	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	358863	113.672	ug/l	100
52) Toluene	10.635	92	161929	20.454	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	87827	20.853	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	94603	20.459	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	65686	21.139	ug/l	95
56) Ethyl methacrylate	10.877	69	91101	22.072	ug/l	99
57) 1,3-Dichloropropane	11.165	76	107534	21.098	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	114822	87.378	ug/l	98
59) 2-Hexanone	11.194	43	267178	116.048	ug/l	98
60) Dibromochloromethane	11.359	129	71361	20.650	ug/l	100
61) 1,2-Dibromoethane	11.471	107	67701	21.530	ug/l	100
64) Tetrachloroethene	11.106	164	60610	20.027	ug/l	96
65) Chlorobenzene	11.894	112	175825	19.918	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	66103	20.217	ug/l	99
67) Ethyl Benzene	11.965	91	311322	20.897	ug/l	98
68) m/p-Xylenes	12.071	106	251551	42.660	ug/l	98
69) o-Xylene	12.400	106	121449	20.812	ug/l	98
70) Styrene	12.412	104	196993	21.232	ug/l	99
71) Bromoform	12.582	173	49870	20.961	ug/l #	96
73) Isopropylbenzene	12.700	105	320531	21.285	ug/l	100
74) N-amyl acetate	12.494	43	99505	22.524	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	93165	20.013	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	81496m	19.401	ug/l	
77) Bromobenzene	12.982	156	77120	20.236	ug/l	99
78) n-propylbenzene	13.041	91	357098	21.500	ug/l	99
79) 2-Chlorotoluene	13.129	91	214265	20.666	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	274867	21.809	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	25803	22.111	ug/l	97
82) 4-Chlorotoluene	13.129	91	214265	20.666	ug/l	99
83) tert-Butylbenzene	13.441	119	239574	21.559	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	269760	21.575	ug/l	99
85) sec-Butylbenzene	13.618	105	335099	21.848	ug/l	100
86) p-Isopropyltoluene	13.729	119	283512	22.215	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	143027	20.317	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	142599	19.829	ug/l	99
89) n-Butylbenzene	14.059	91	220405	21.318	ug/l	100
90) Hexachloroethane	14.335	117	46945	20.564	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	145054	20.919	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16528	20.009	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	72032	20.983	ug/l	98
94) Hexachlorobutadiene	15.506	225	38805	20.719	ug/l	99
95) Naphthalene	15.641	128	219255	20.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	69631	21.701	ug/l	98

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ClientSampleId :
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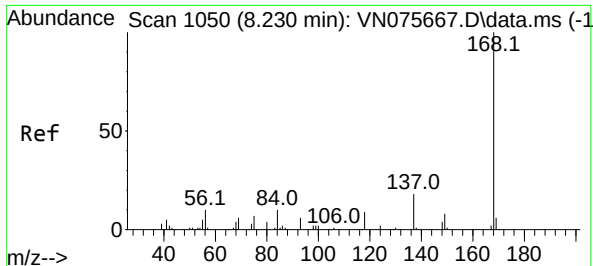
Manual Integrations
APPROVED

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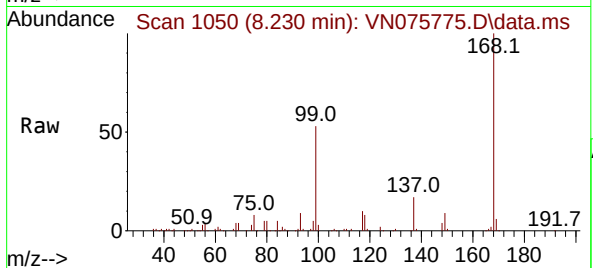
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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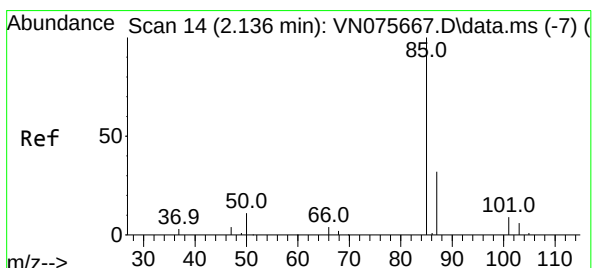
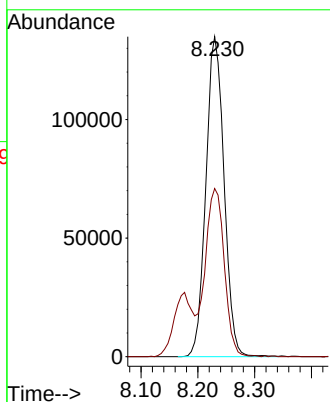
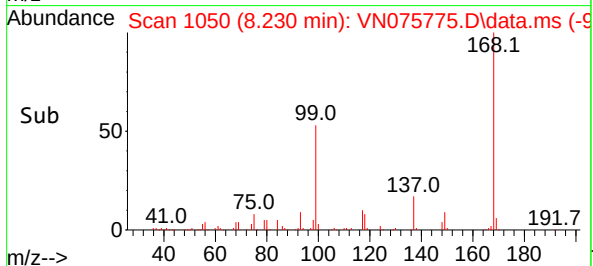
Instrument :
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ClientSampleId :
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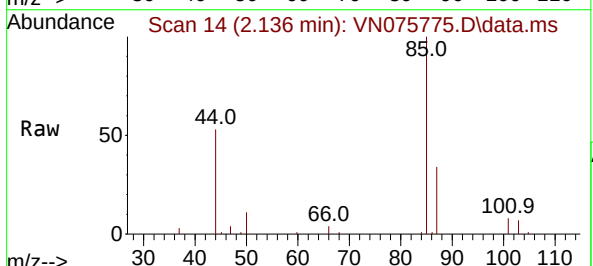
Tgt Ion:168 Resp: 299224
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4

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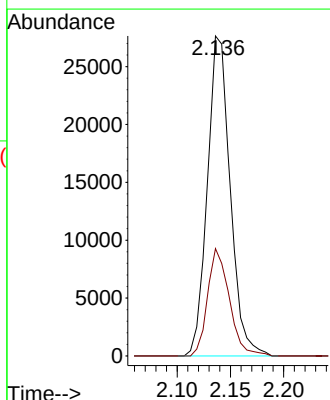
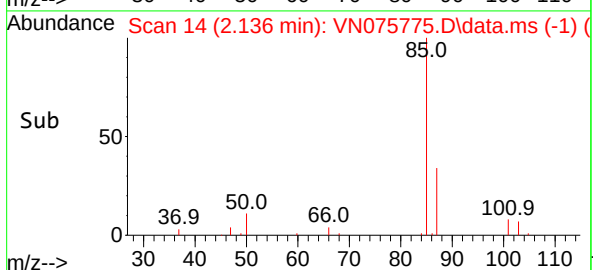
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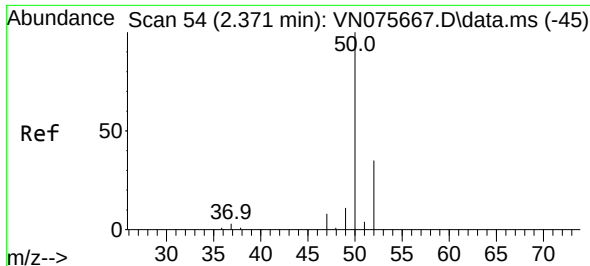


#2
Dichlorodifluoromethane
Concen: 19.443 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



Tgt Ion: 85 Resp: 41308
Ion Ratio Lower Upper
85 100
87 33.5 16.3 48.9





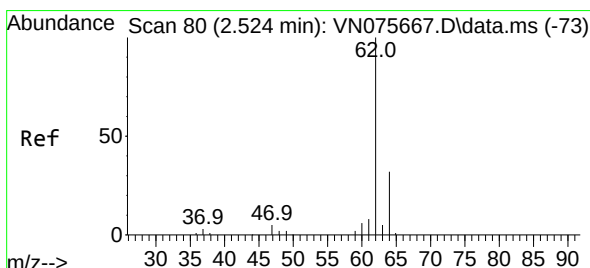
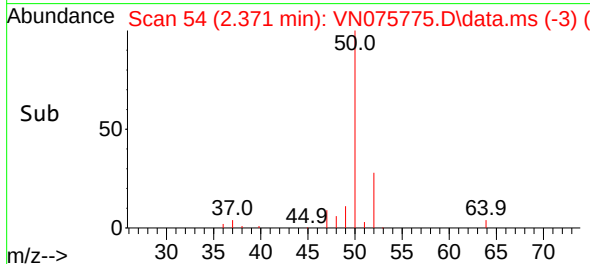
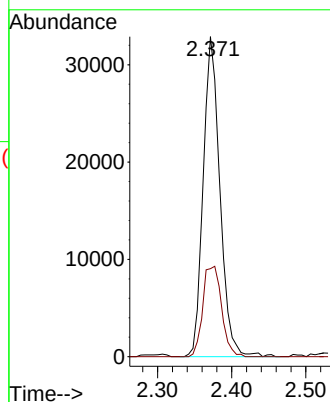
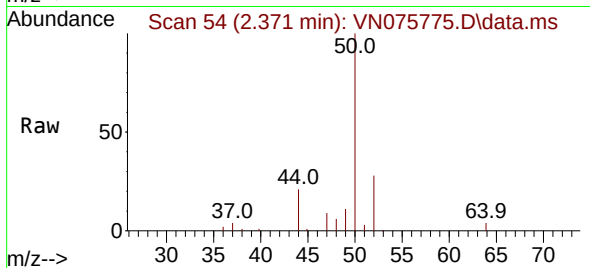
#3
Chloromethane
Concen: 19.532 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 51602
Ion Ratio Lower Upper
50 100
52 27.5 27.7 41.5

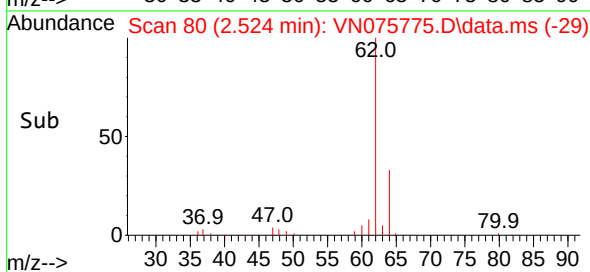
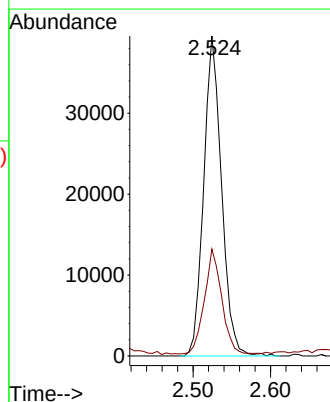
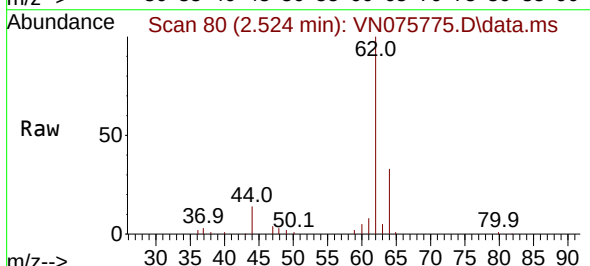
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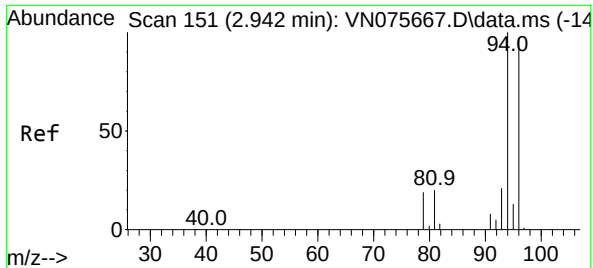
Reviewed By :John Carlone 12/15/2022
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#4
Vinyl Chloride
Concen: 20.099 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

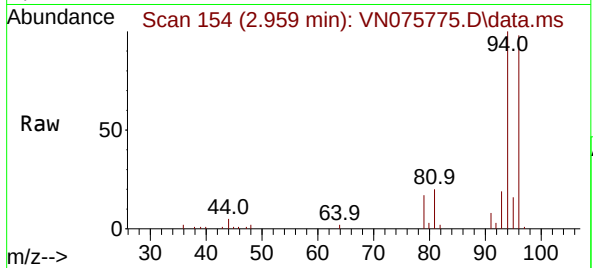
Tgt Ion: 62 Resp: 63338
Ion Ratio Lower Upper
62 100
64 32.7 24.9 37.3





#5
Bromomethane
Concen: 20.330 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.018 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

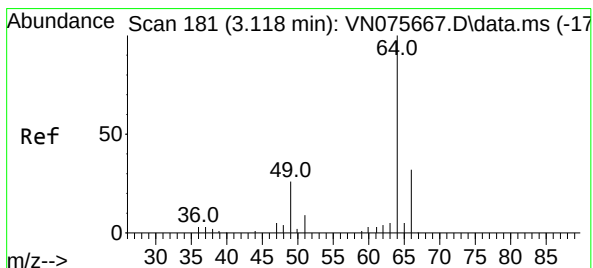
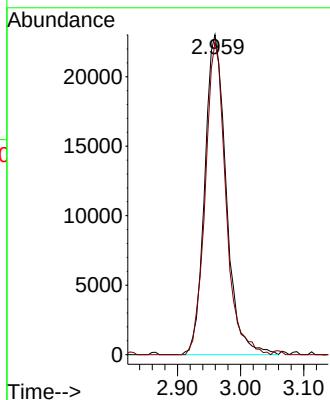
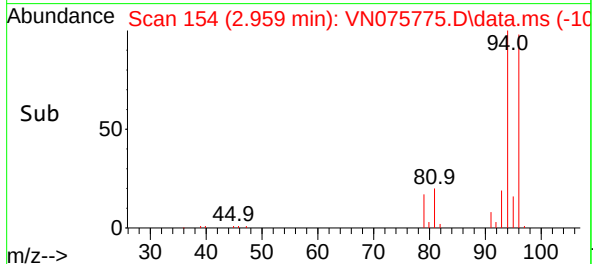
Instrument :
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Tgt Ion: 94 Resp: 54450
Ion Ratio Lower Upper
94 100
96 97.6 73.8 110.6

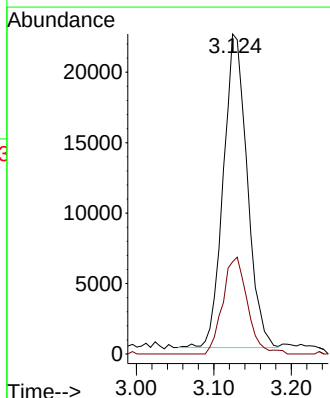
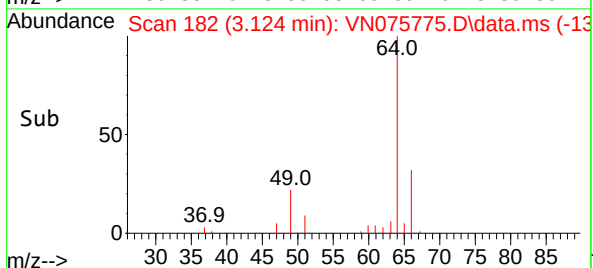
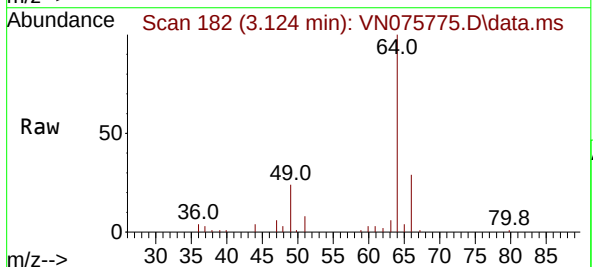
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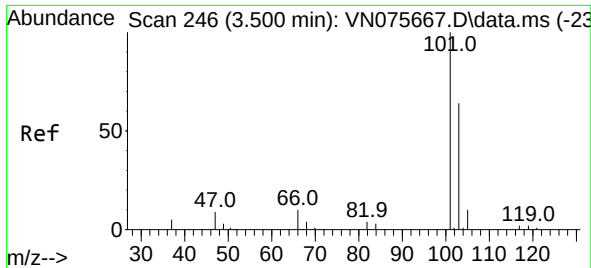
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#6
Chloroethane
Concen: 20.449 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Tgt Ion: 64 Resp: 47722
Ion Ratio Lower Upper
64 100
66 29.4 24.6 36.8





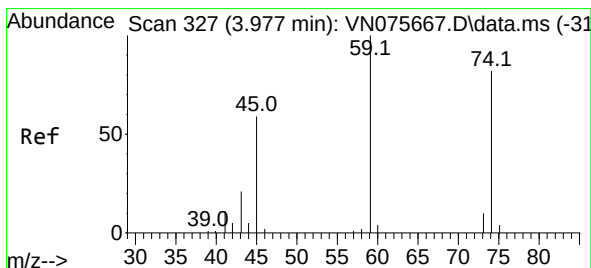
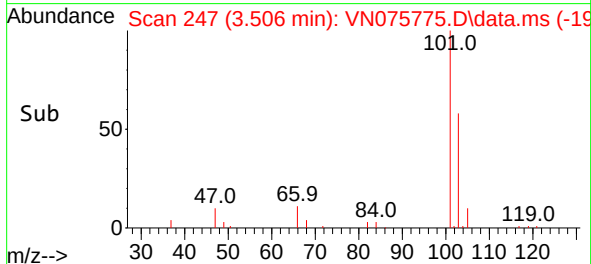
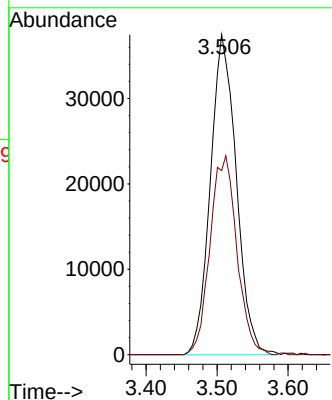
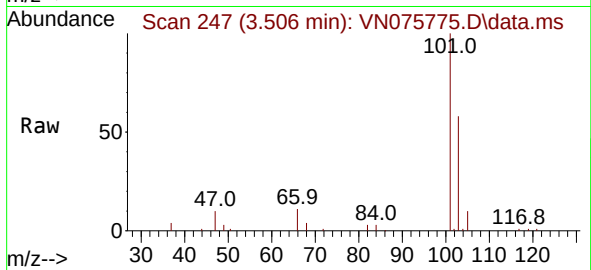
#7
Trichlorofluoromethane
Concen: 19.829 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion:101 Resp: 94819
Ion Ratio Lower Upper
101 100
103 57.5 53.4 80.2

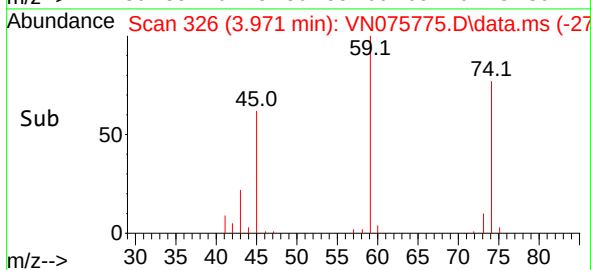
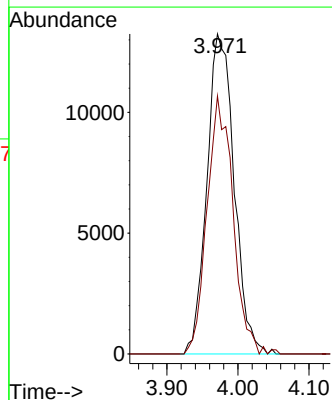
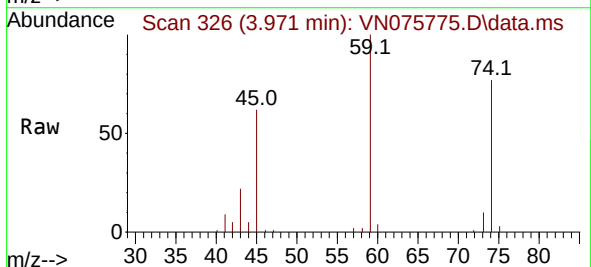
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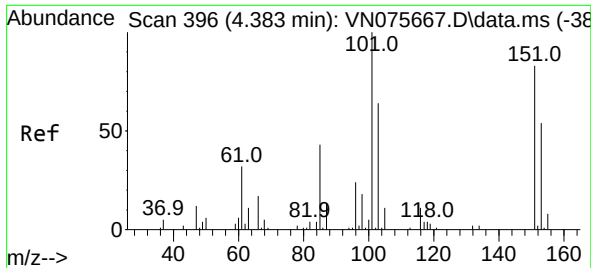
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#8
Diethyl Ether
Concen: 20.199 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

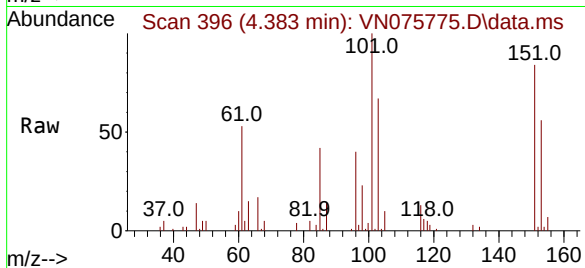
Tgt Ion: 74 Resp: 35278
Ion Ratio Lower Upper
74 100
45 76.5 37.8 113.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.259 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
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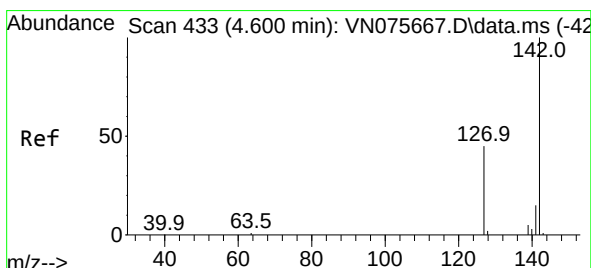
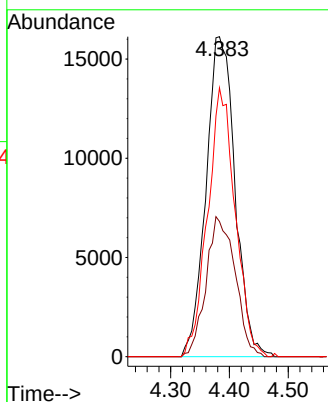
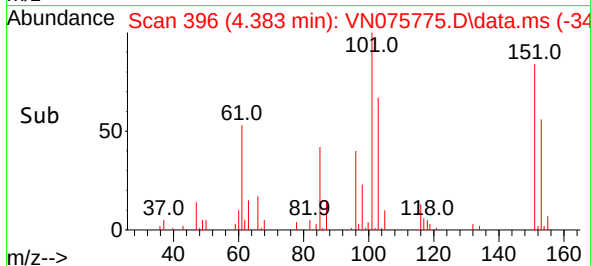
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion:101 Resp: 55319
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 80.0 65.6 98.4

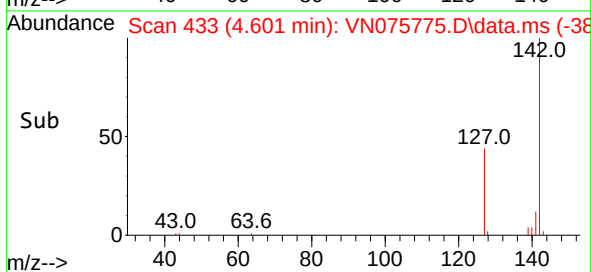
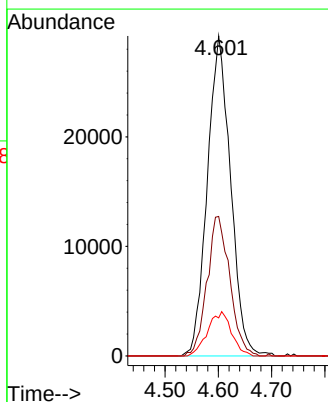
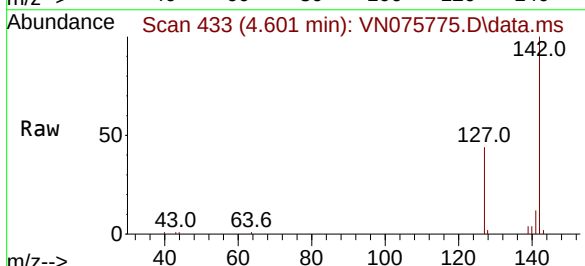
Manual Integrations
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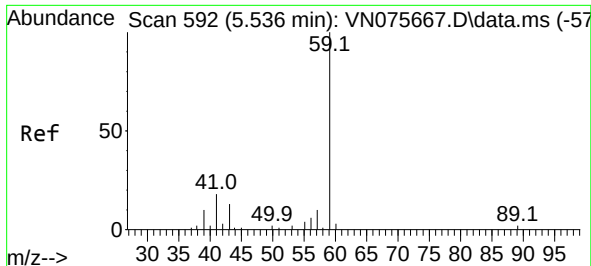
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 20.003 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Tgt Ion:142 Resp: 88640
Ion Ratio Lower Upper
142 100
127 42.6 34.7 52.1
141 14.2 11.4 17.2





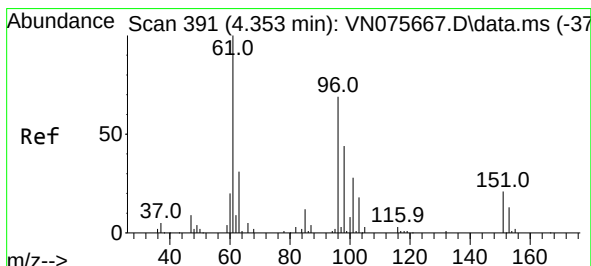
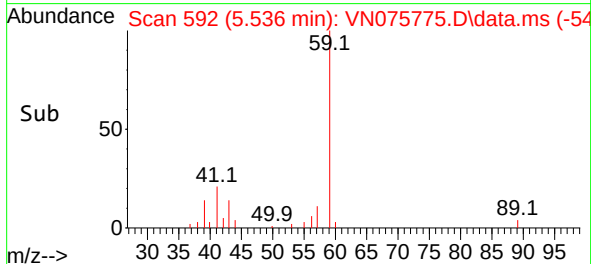
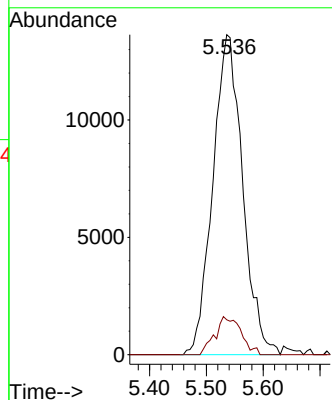
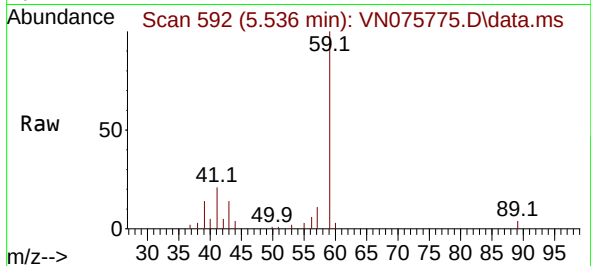
#11
Tert butyl alcohol
Concen: 107.712 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion: 59 Resp: 49614
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

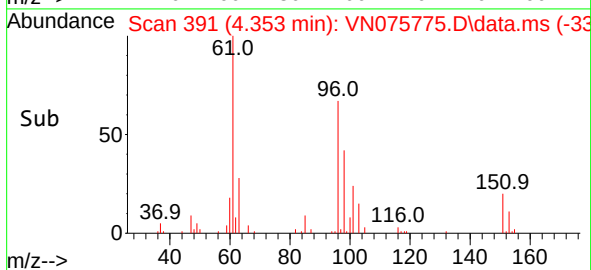
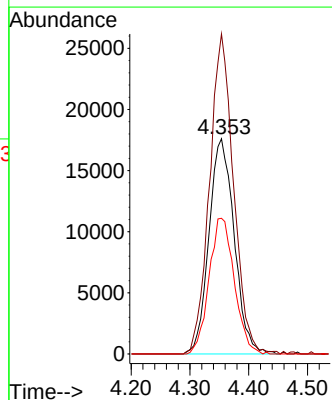
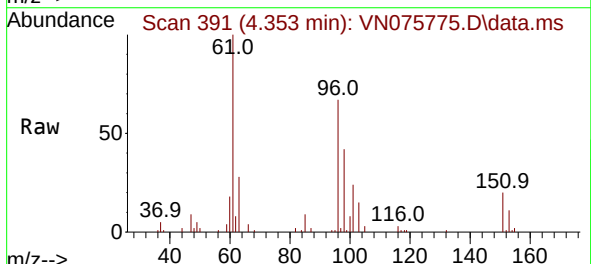
Manual Integrations
APPROVED

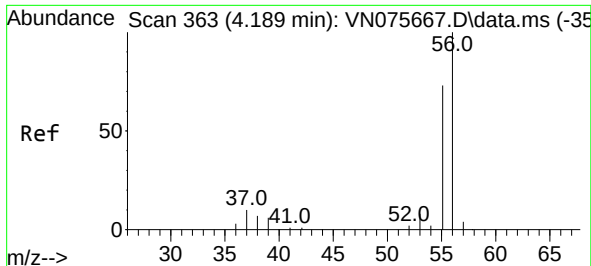
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 19.779 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Tgt Ion: 96 Resp: 52453
Ion Ratio Lower Upper
96 100
61 148.7 113.3 169.9
98 63.1 50.9 76.3





#13

Acrolein

Concen: 106.534 ug/l

RT: 4.195 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion: 56 Resp: 60160

Ion Ratio Lower Upper

56 100

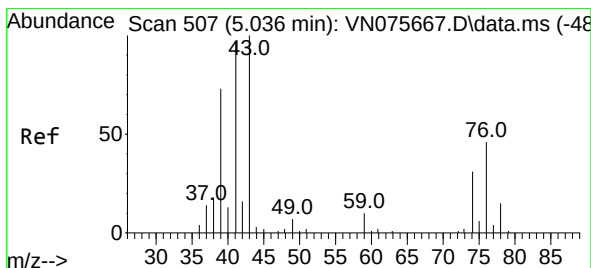
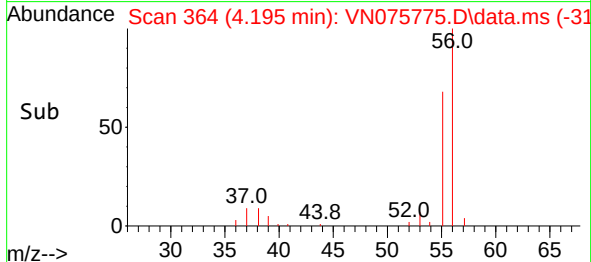
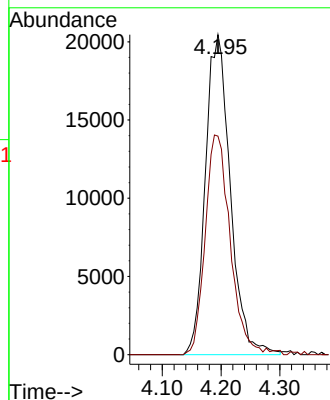
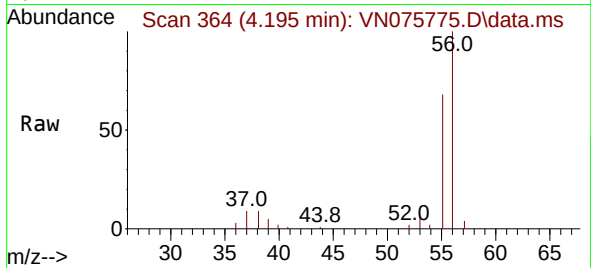
55 68.4 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#14

Allyl chloride

Concen: 19.291 ug/l

RT: 5.036 min Scan# 507

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

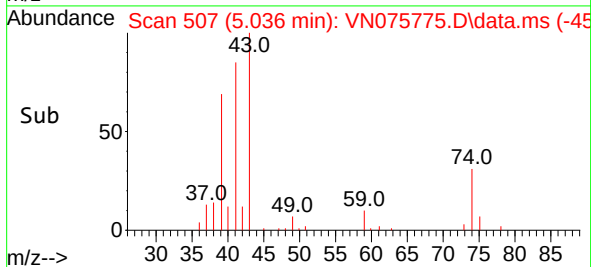
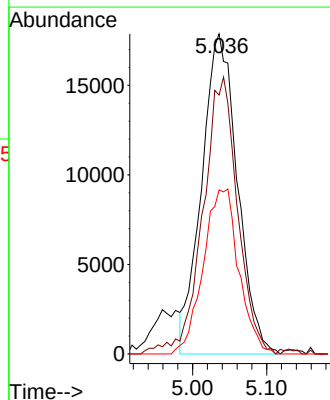
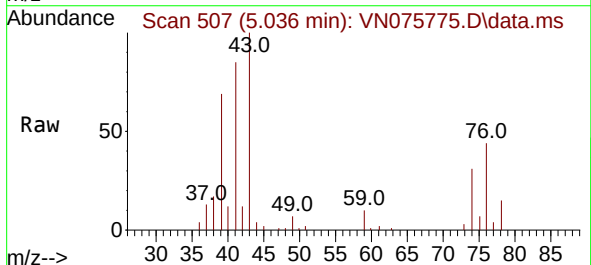
Tgt Ion: 41 Resp: 59805

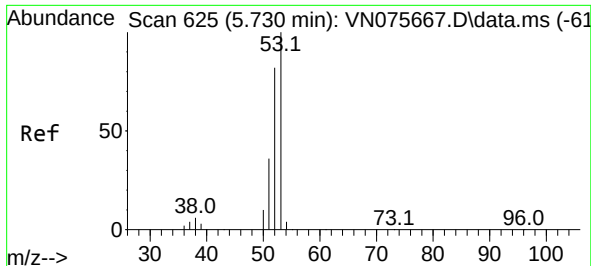
Ion Ratio Lower Upper

41 100

39 84.0 58.3 87.5

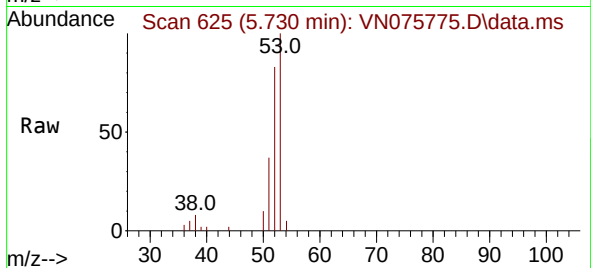
76 51.2 35.8 53.6





#15
Acrylonitrile
Concen: 105.158 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

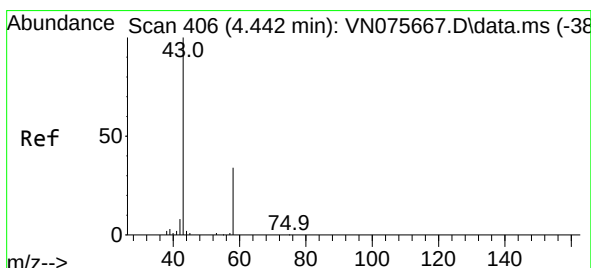
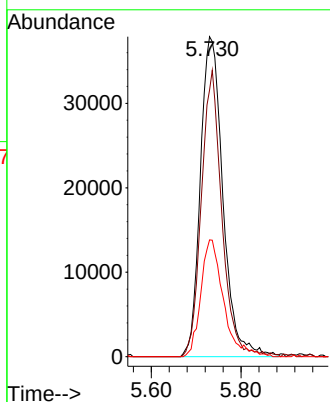
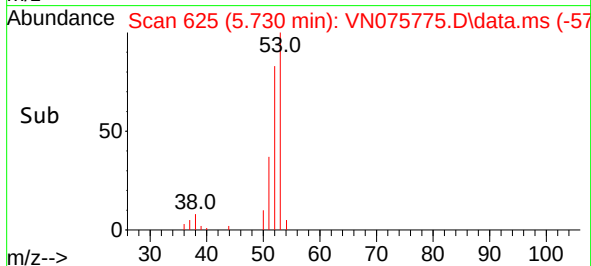
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 53 Resp: 132184
Ion Ratio Lower Upper
53 100
52 81.1 65.4 98.0
51 36.6 28.9 43.3

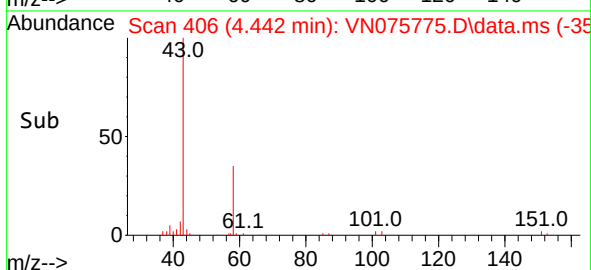
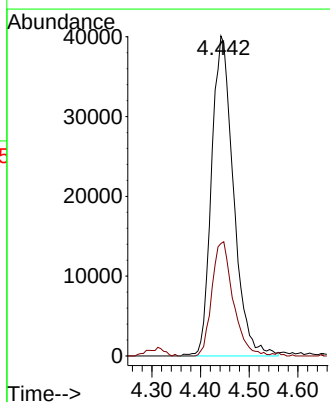
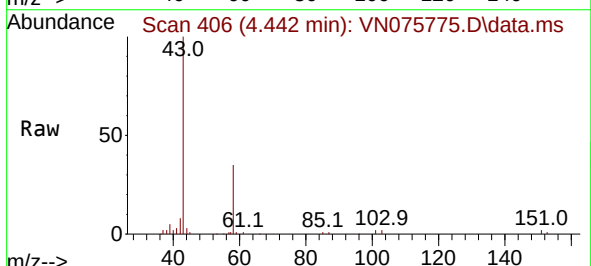
Manual Integrations
APPROVED

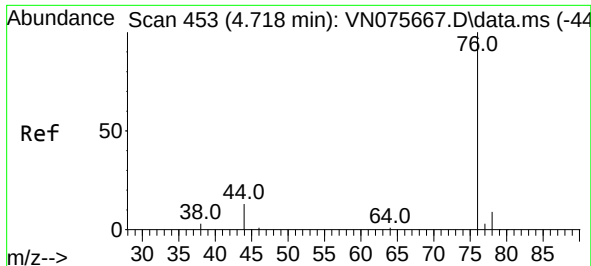
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 111.653 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

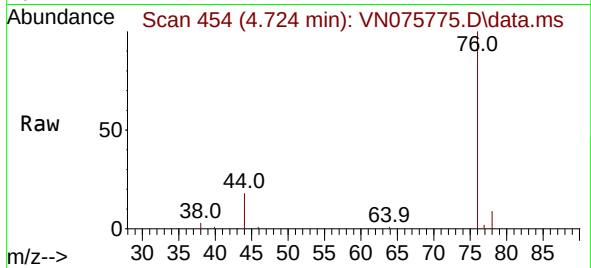
Tgt Ion: 43 Resp: 125292
Ion Ratio Lower Upper
43 100
58 35.2 28.6 43.0





#17
Carbon Disulfide
Concen: 18.799 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

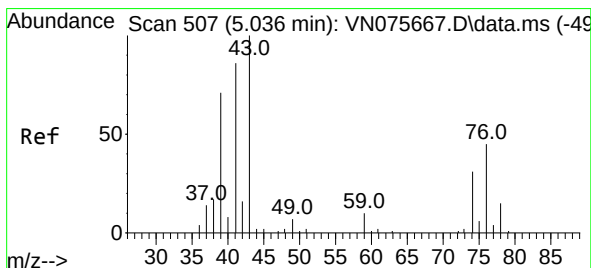
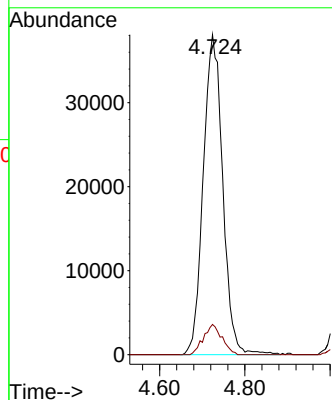
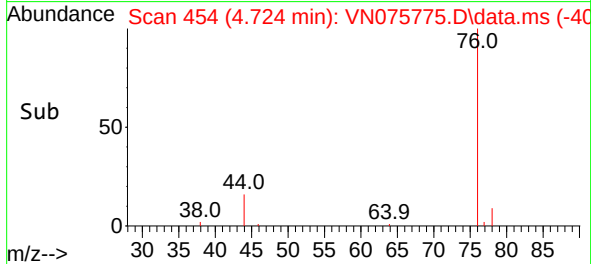
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



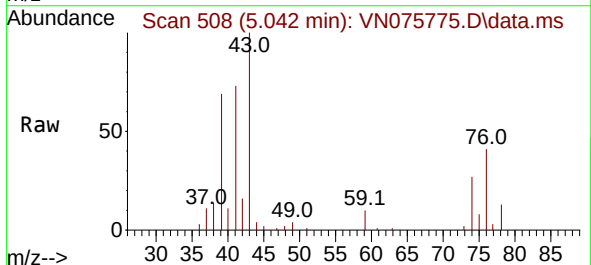
Tgt Ion: 76 Resp: 12071
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

Manual Integrations
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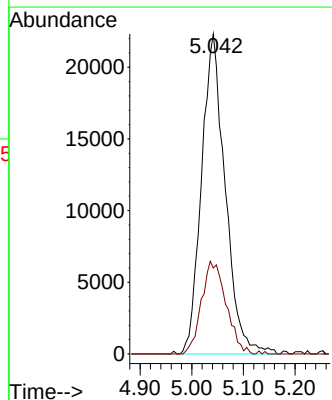
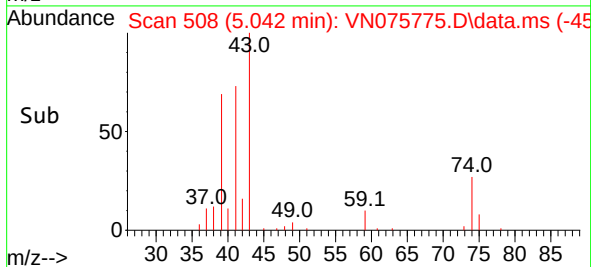
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

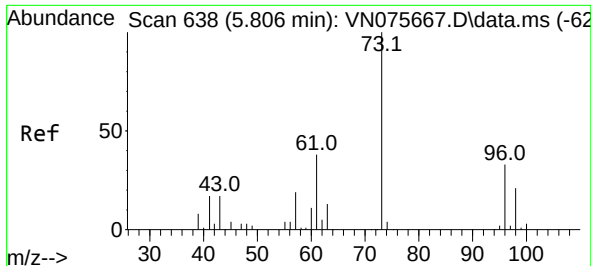


#18
Methyl Acetate
Concen: 21.429 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



Tgt Ion: 43 Resp: 71080
Ion Ratio Lower Upper
43 100
74 30.0 23.6 35.4





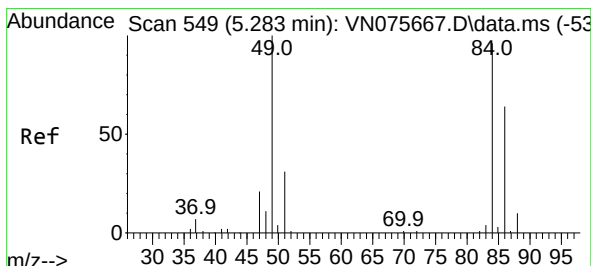
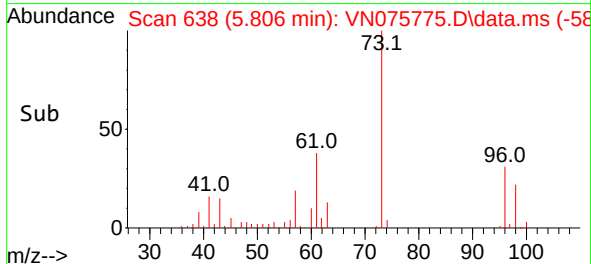
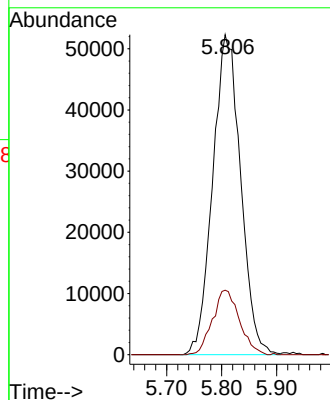
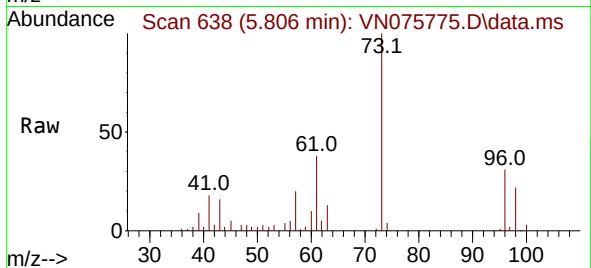
#19
Methyl tert-butyl Ether
Concen: 21.086 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion: 73 Resp: 18414
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7

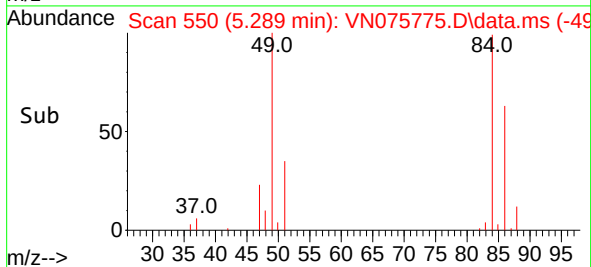
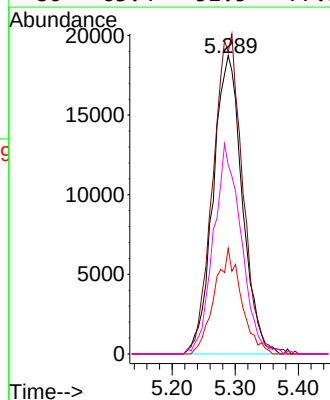
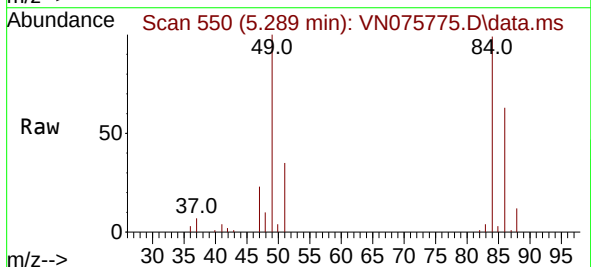
Manual Integrations
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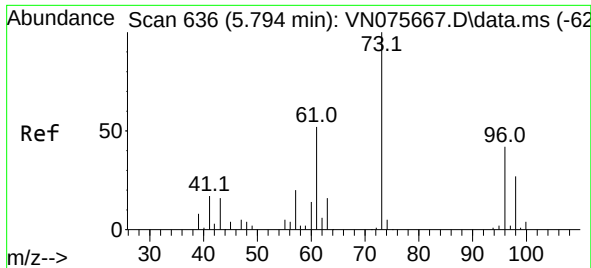
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 19.564 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Tgt Ion: 84 Resp: 59899
Ion Ratio Lower Upper
84 100
49 101.1 81.8 122.6
51 35.4 26.7 40.1
86 63.4 51.5 77.3





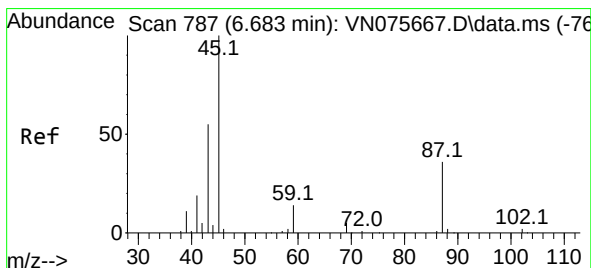
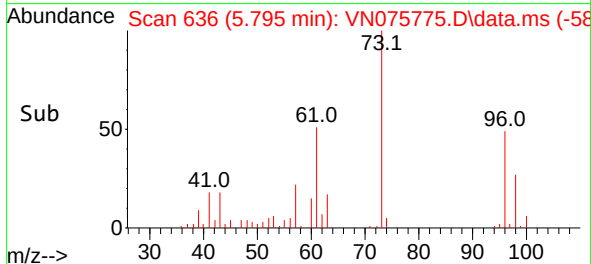
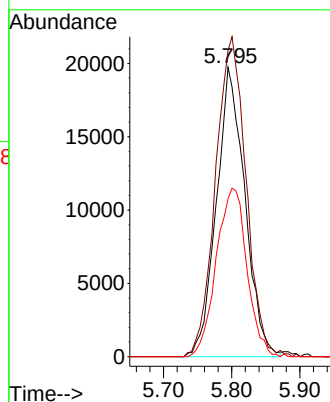
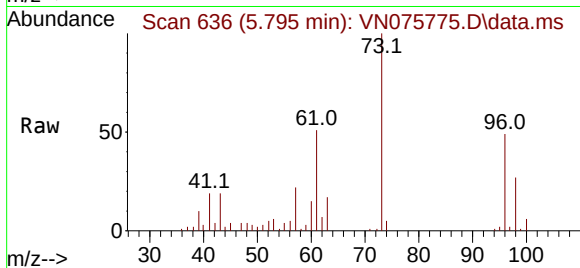
#21
trans-1,2-Dichloroethene
Concen: 19.742 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion: 96 Resp: 57338
Ion Ratio Lower Upper
96 100
61 105.8 98.1 147.1
98 54.6 51.4 77.2

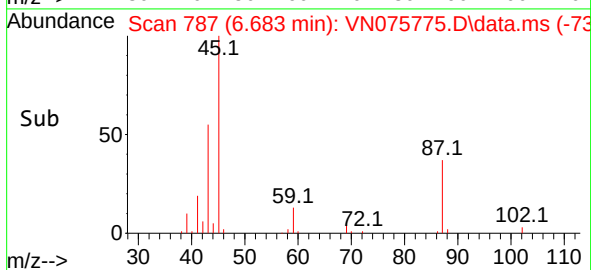
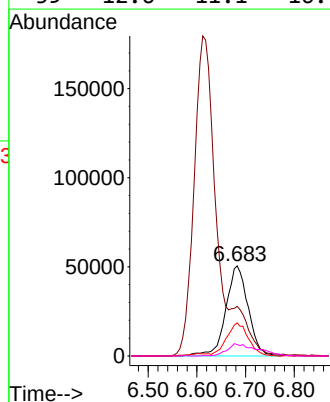
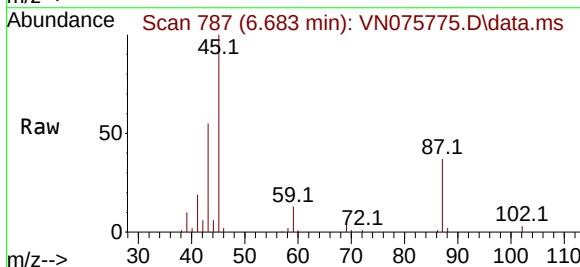
Manual Integrations
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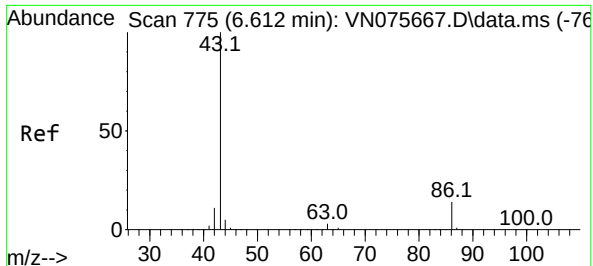
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 21.234 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

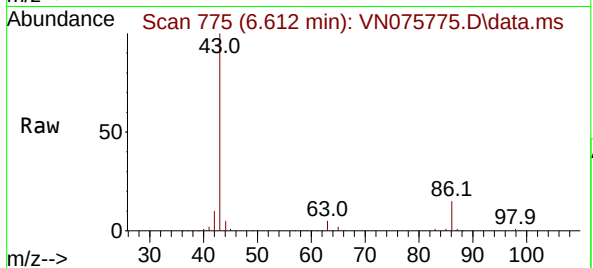
Tgt Ion: 45 Resp: 159918
Ion Ratio Lower Upper
45 100
43 53.8 44.2 66.4
87 36.9 28.3 42.5
59 12.6 11.1 16.7





#23
 Vinyl Acetate
 Concen: 104.465 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075775.D
 Acq: 14 Dec 2022 17:15

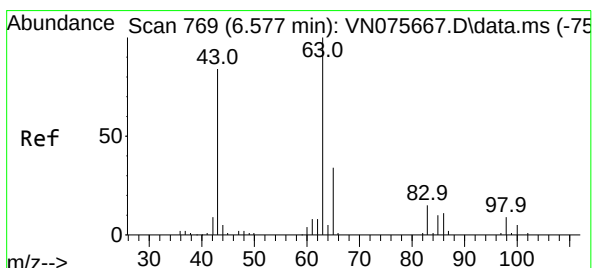
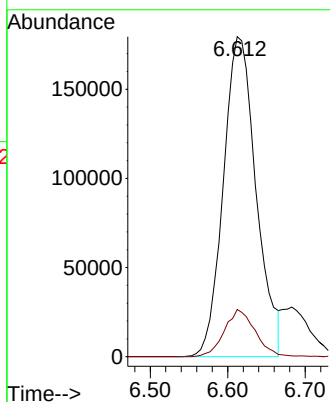
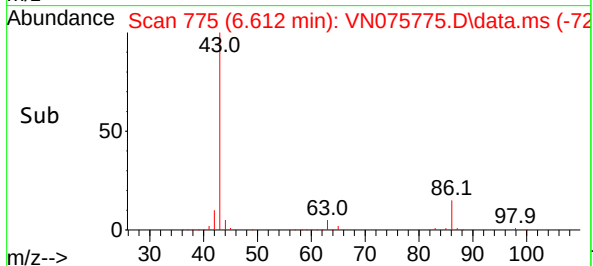
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD01



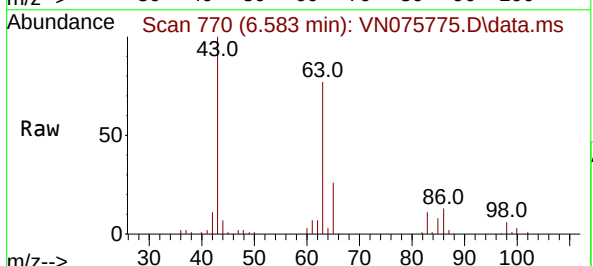
Tgt Ion: 43 Resp: 529530
 Ion Ratio Lower Upper
 43 100
 86 14.8 11.4 17.2

Manual Integrations
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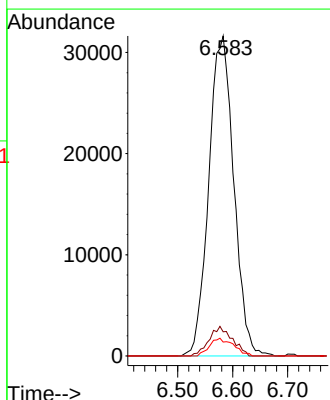
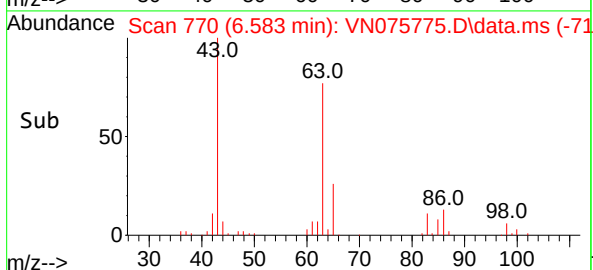
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

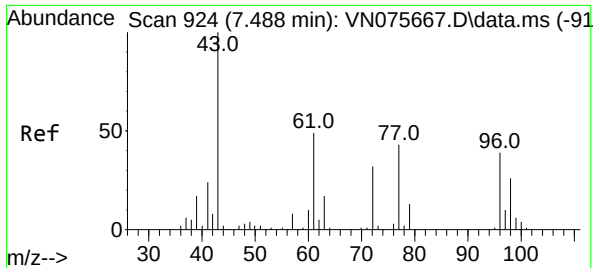


#24
 1,1-Dichloroethane
 Concen: 19.906 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075775.D
 Acq: 14 Dec 2022 17:15



Tgt Ion: 63 Resp: 99978
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.5
 100 4.3 2.5 7.6





#25

2-Butanone

Concen: 112.462 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion: 43 Resp: 17670

Ion Ratio Lower Upper

43 100

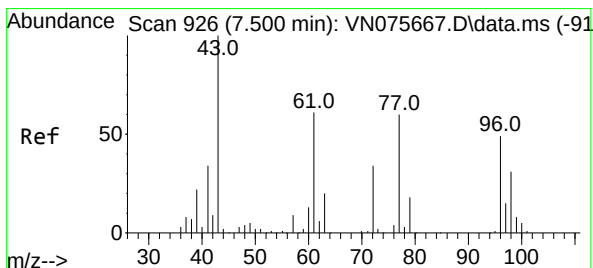
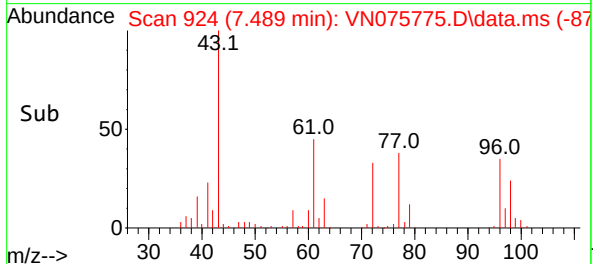
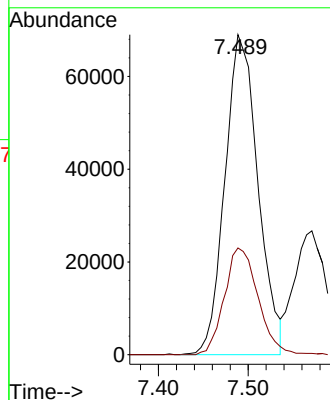
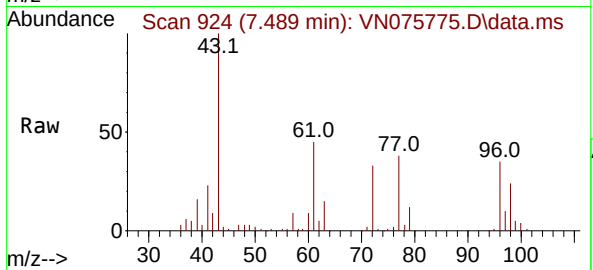
72 33.4 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 20.142 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075775.D

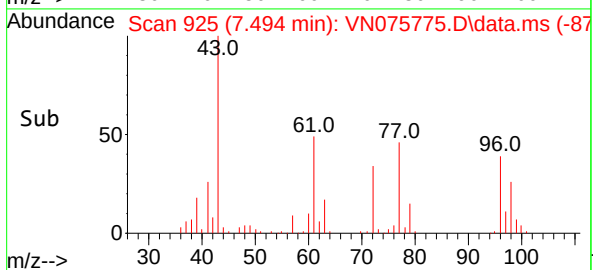
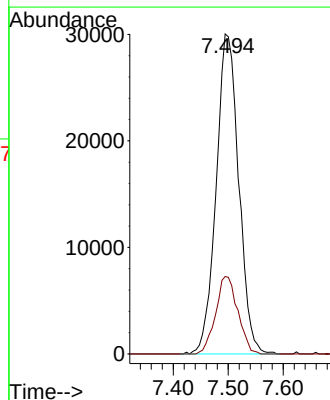
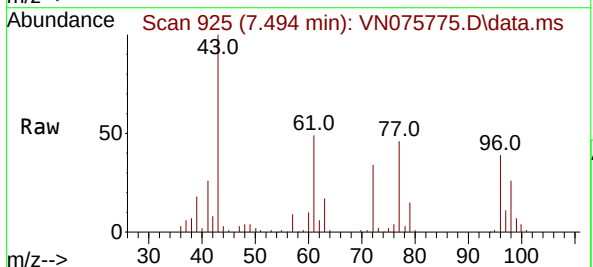
Acq: 14 Dec 2022 17:15

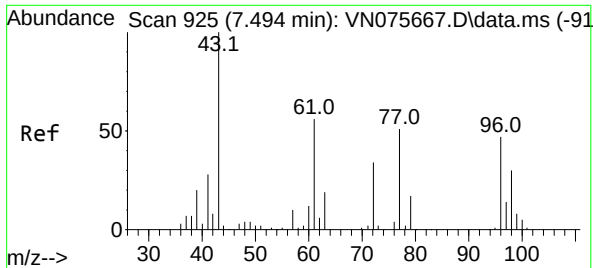
Tgt Ion: 77 Resp: 85672

Ion Ratio Lower Upper

77 100

97 23.8 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 19.867 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

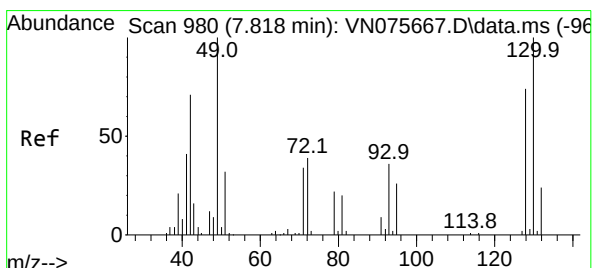
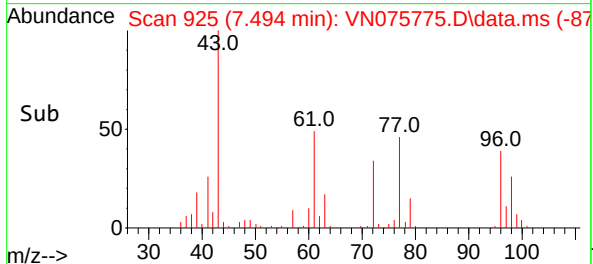
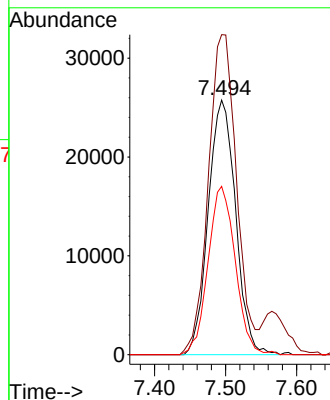
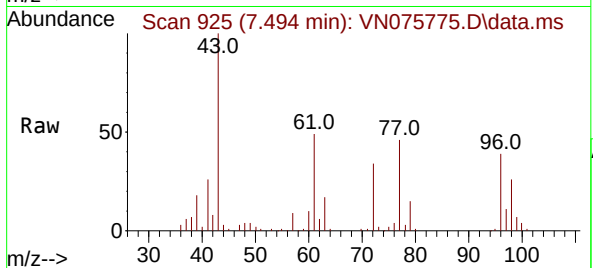
VN1214WBSD01

Tgt Ion: 96 Resp: 69008
 Ion Ratio Lower Upper
 96 100
 61 130.0 0.0 247.8
 98 65.8 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#28

Bromochloromethane

Concen: 18.435 ug/l

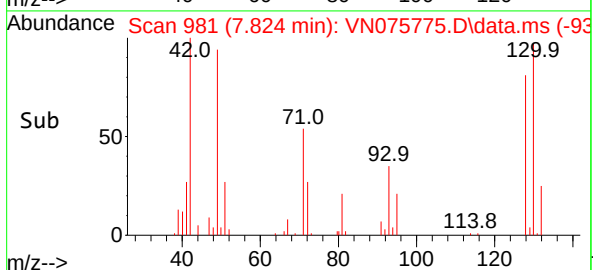
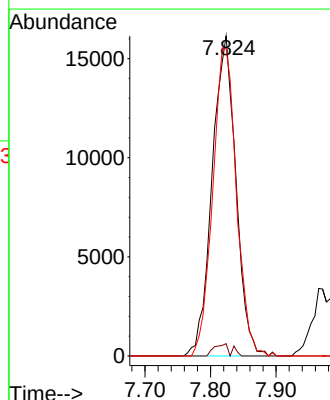
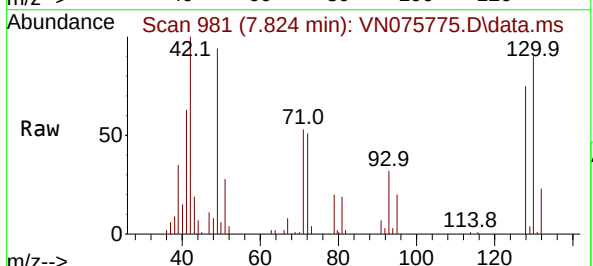
RT: 7.824 min Scan# 981

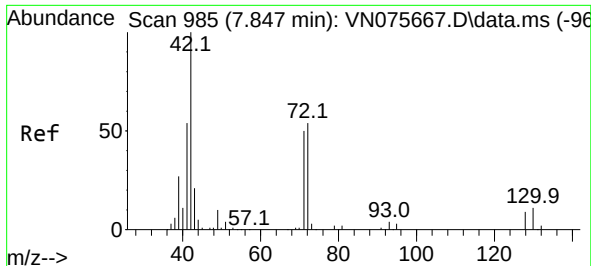
Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

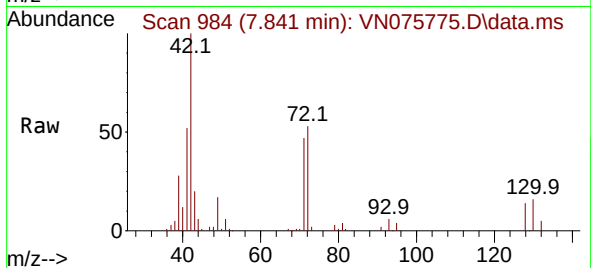
Tgt Ion: 49 Resp: 40584
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 95.9 77.0 115.4





#29
Tetrahydrofuran
Concen: 107.003 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

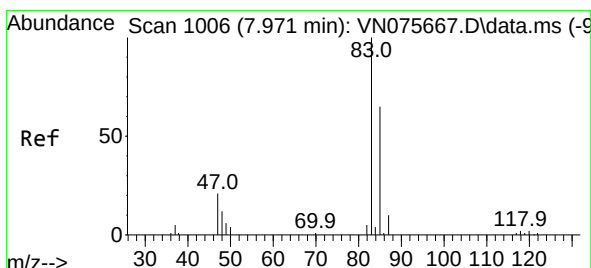
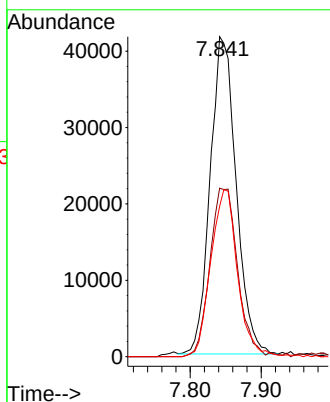
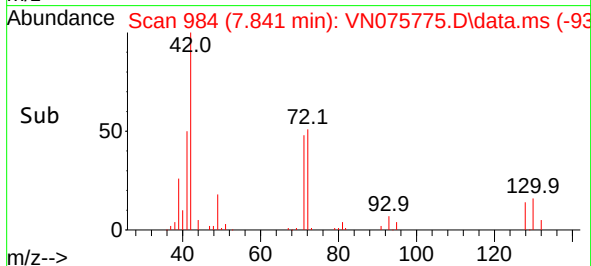
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



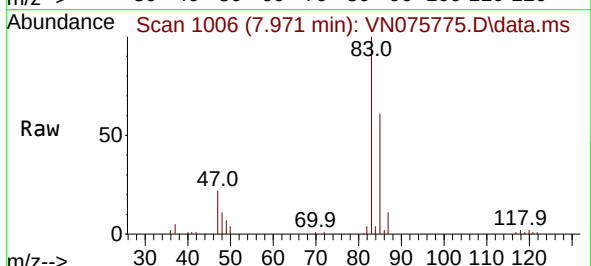
Tgt Ion: 42 Resp: 105360
Ion Ratio Lower Upper
42 100
72 57.1 44.5 66.7
71 54.0 41.0 61.6

Manual Integrations
APPROVED

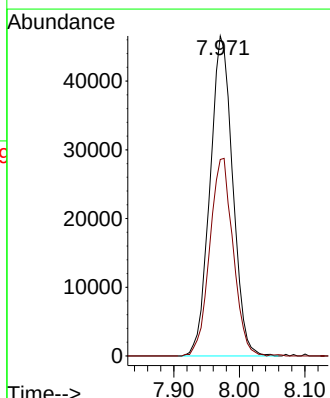
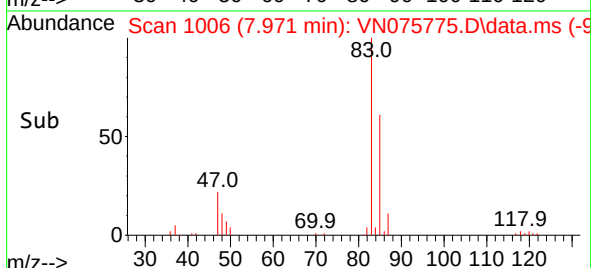
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

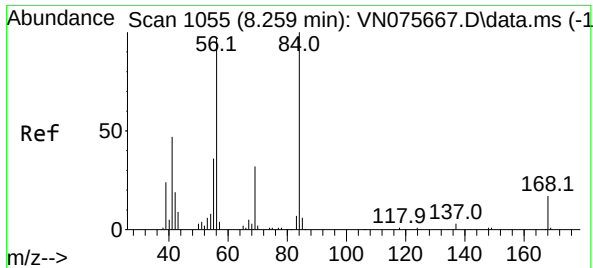


#30
Chloroform
Concen: 19.811 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



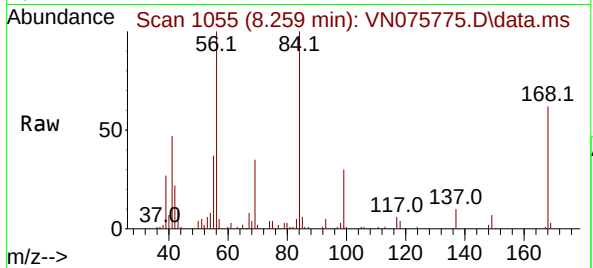
Tgt Ion: 83 Resp: 112029
Ion Ratio Lower Upper
83 100
85 61.4 49.1 73.7





#31
Cyclohexane
Concen: 19.456 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

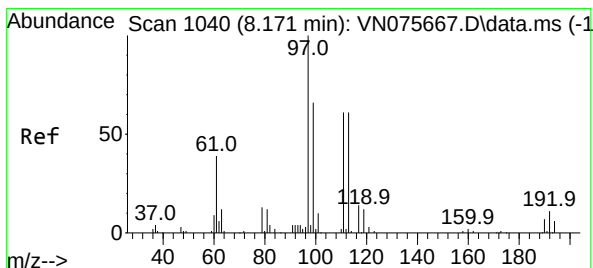
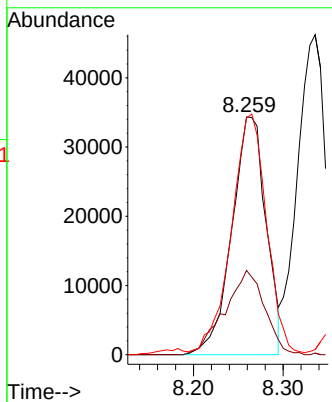
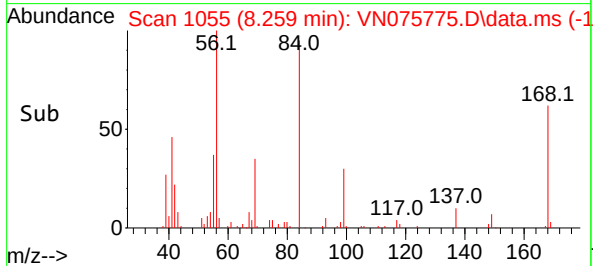
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



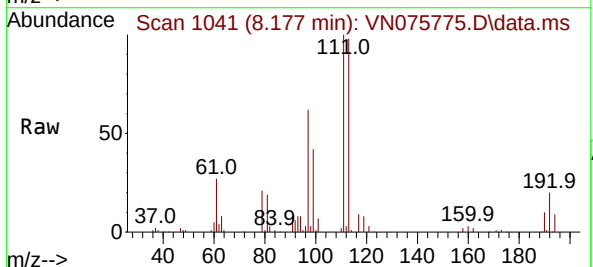
Tgt Ion: 56 Resp: 9070
Ion Ratio Lower Upper
56 100
69 35.5 24.7 37.1
84 96.9 76.5 114.7

Manual Integrations
APPROVED

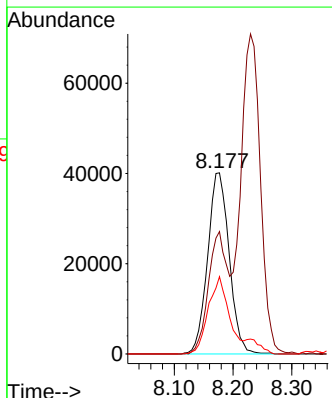
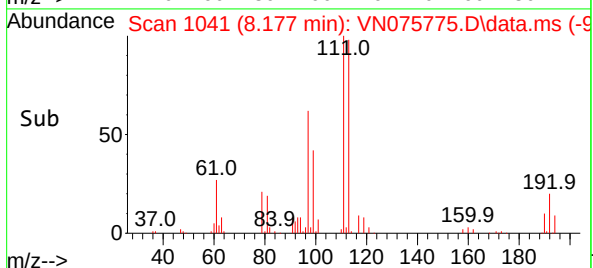
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

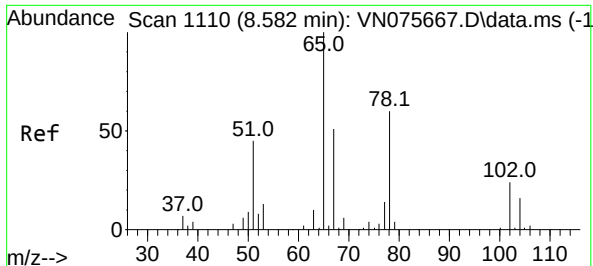


#32
1,1,1-Trichloroethane
Concen: 20.420 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



Tgt Ion: 97 Resp: 102375
Ion Ratio Lower Upper
97 100
99 59.4 50.2 75.2
61 41.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.785 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion: 65 Resp: 171829

Ion Ratio Lower Upper

65 100

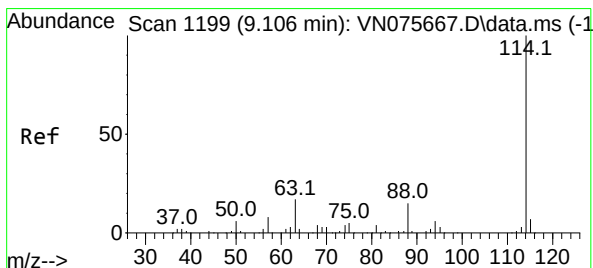
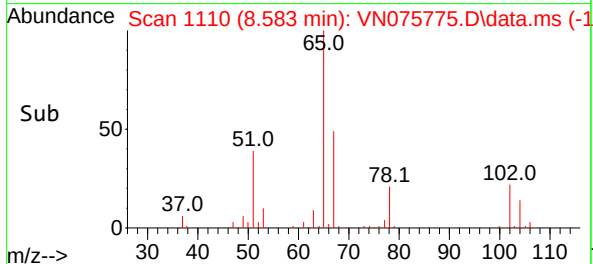
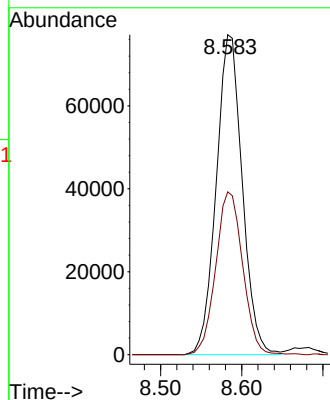
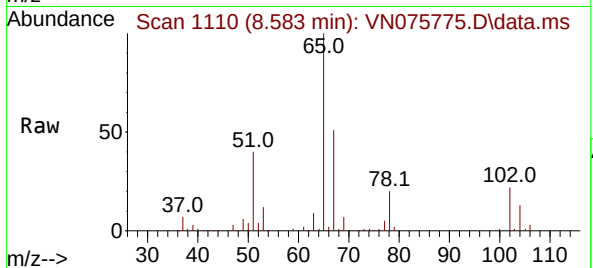
67 52.7 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

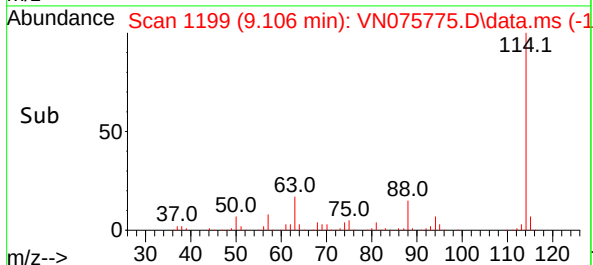
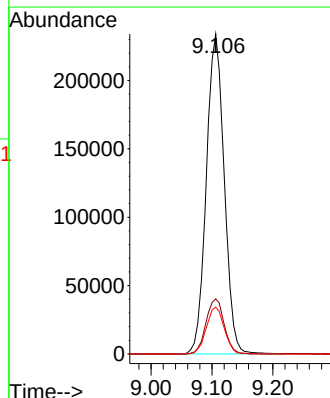
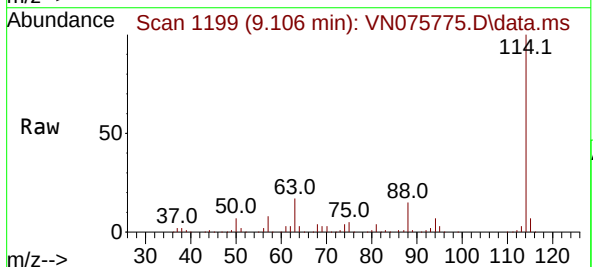
Tgt Ion:114 Resp: 478911

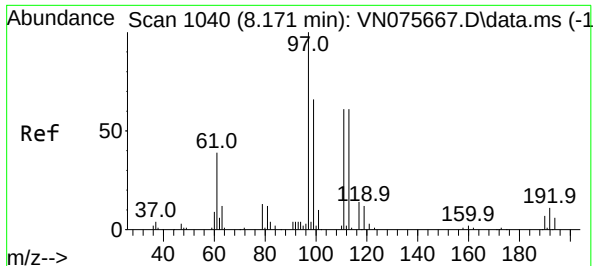
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.149 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion:113 Resp: 15466

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

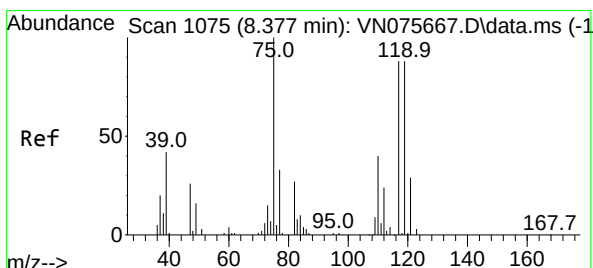
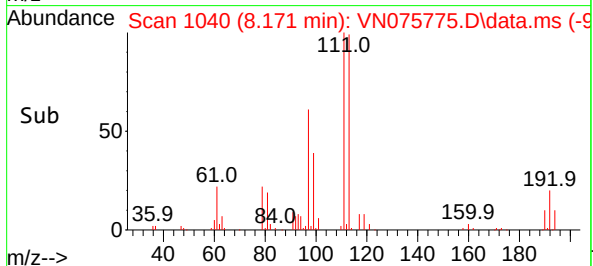
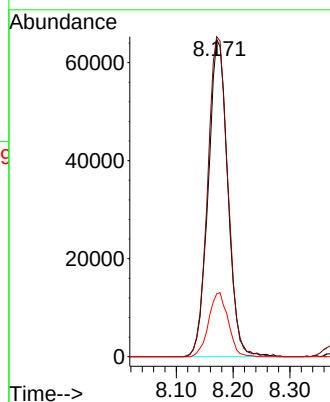
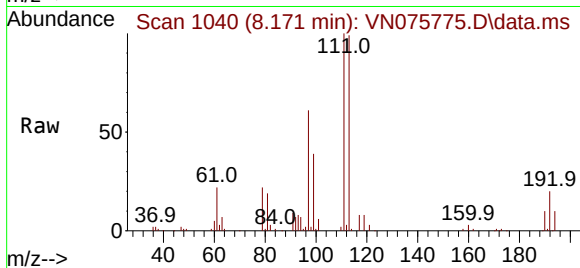
192 20.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 20.224 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

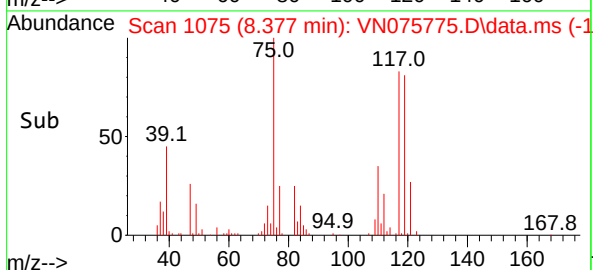
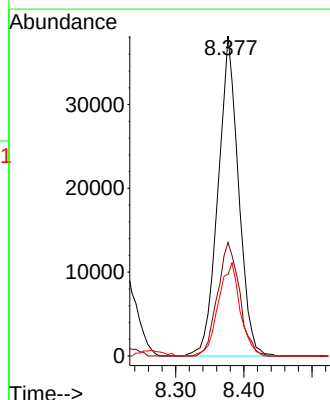
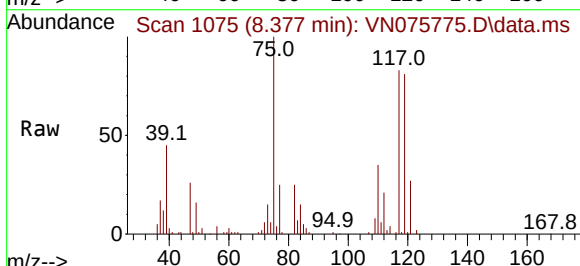
Tgt Ion: 75 Resp: 79678

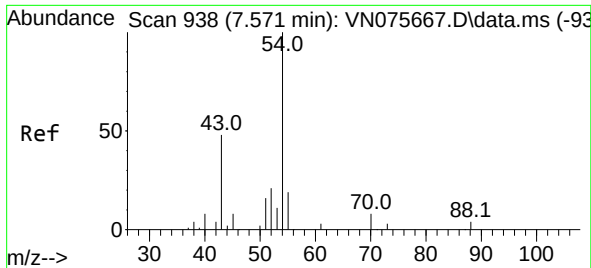
Ion Ratio Lower Upper

75 100

110 38.0 18.8 56.4

77 31.0 24.1 36.1





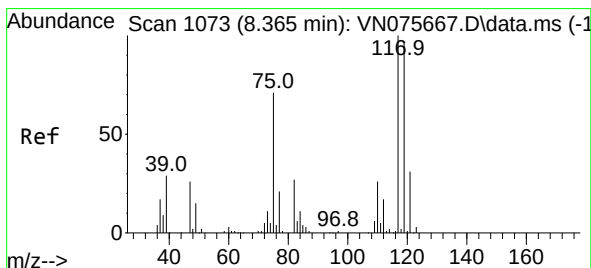
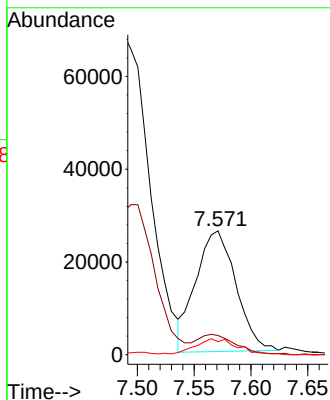
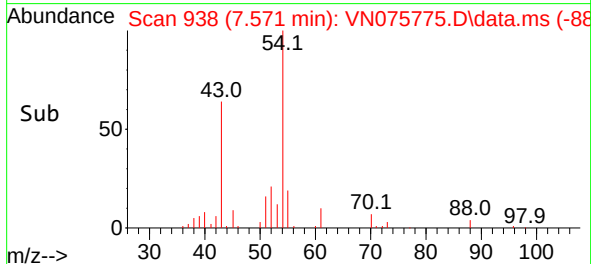
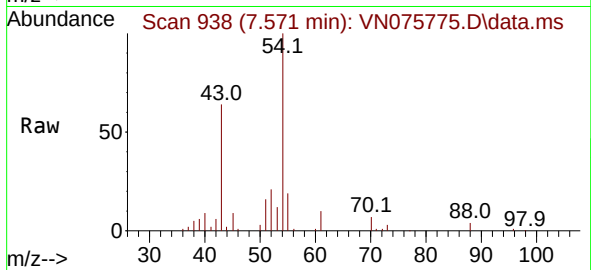
#37
Ethyl Acetate
Concen: 20.287 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion: 43 Resp: 6420
Ion Ratio Lower Upper
43 100
61 15.5 13.0 19.4
70 13.8 9.4 14.0

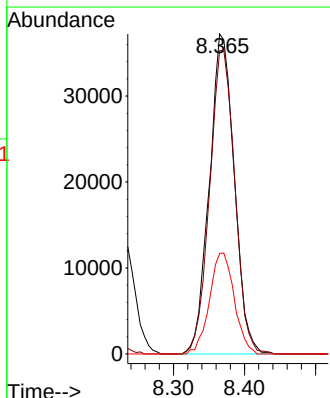
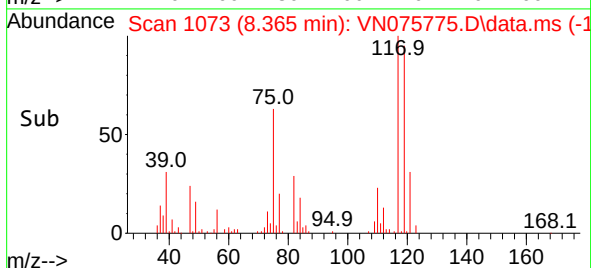
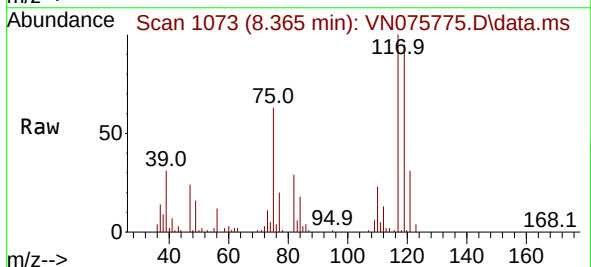
Manual Integrations
APPROVED

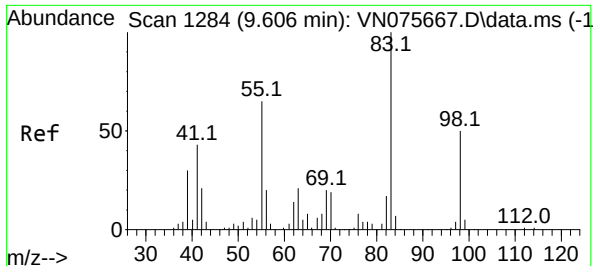
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#38
Carbon Tetrachloride
Concen: 20.561 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Tgt Ion:117 Resp: 90664
Ion Ratio Lower Upper
117 100
119 94.8 76.1 114.1
121 31.4 24.5 36.7





#39

Methylcyclohexane

Concen: 21.133 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion: 83 Resp: 100449

Ion Ratio Lower Upper

83 100

55 63.5 51.4 77.0

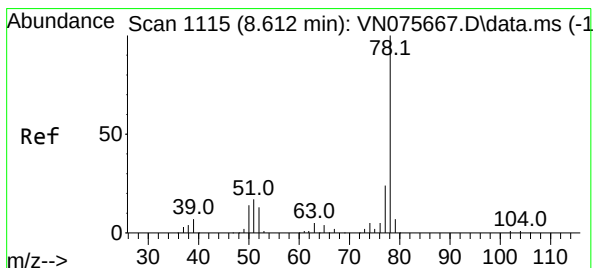
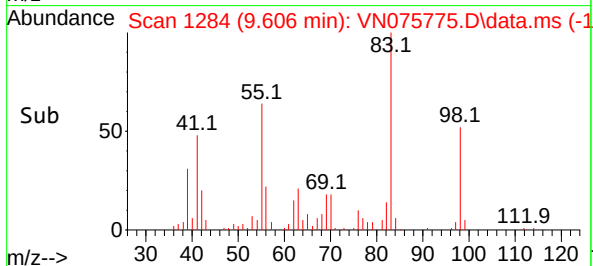
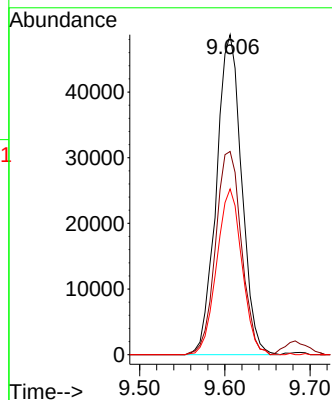
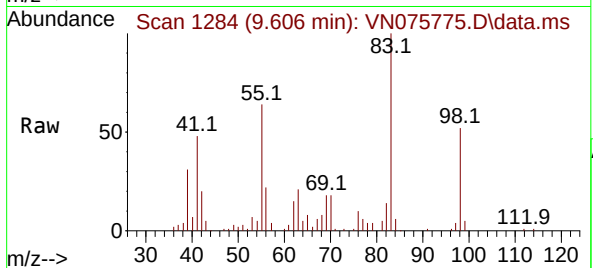
98 51.8 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#40

Benzene

Concen: 20.278 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075775.D

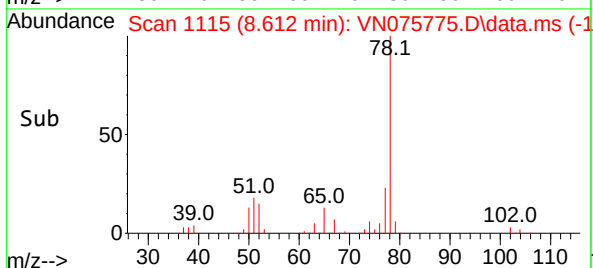
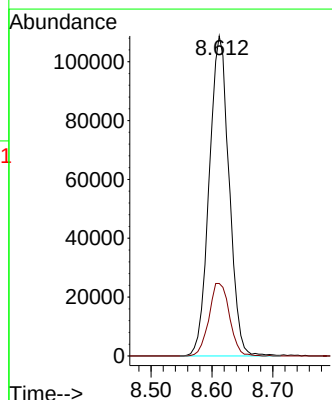
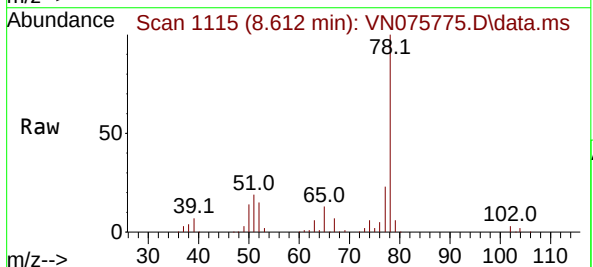
Acq: 14 Dec 2022 17:15

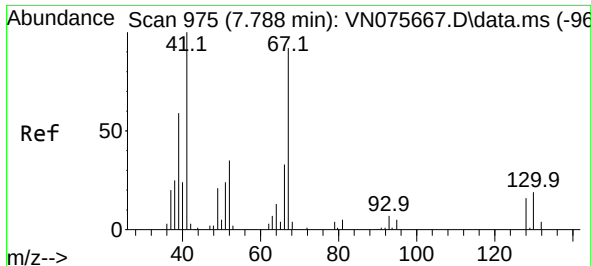
Tgt Ion: 78 Resp: 246494

Ion Ratio Lower Upper

78 100

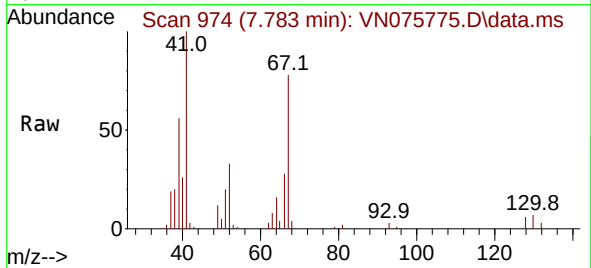
77 22.6 18.5 27.7





#41
Methacrylonitrile
Concen: 21.961 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

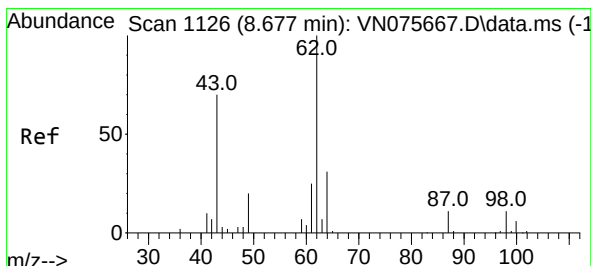
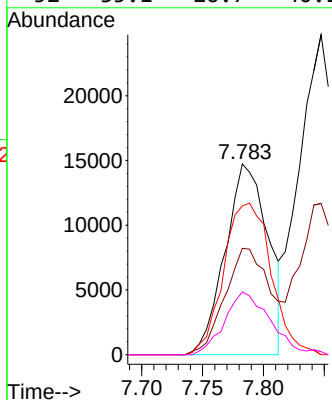
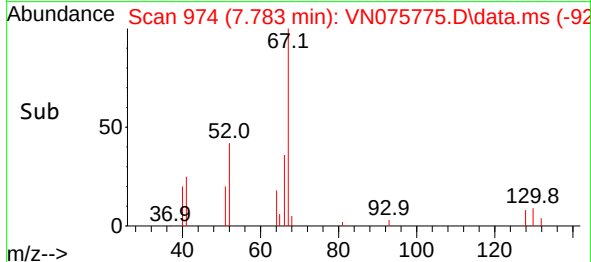
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



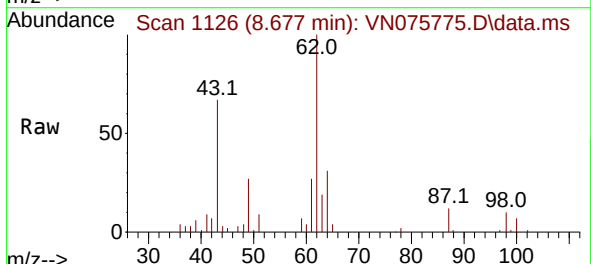
Tgt Ion: 41 Resp: 36124
Ion Ratio Lower Upper
41 100
39 60.9 43.1 64.7
67 87.8 70.7 106.1
52 35.1 26.7 40.1

Manual Integrations
APPROVED

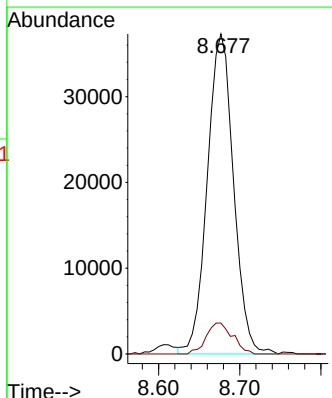
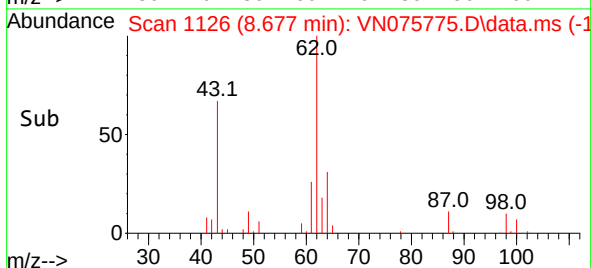
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

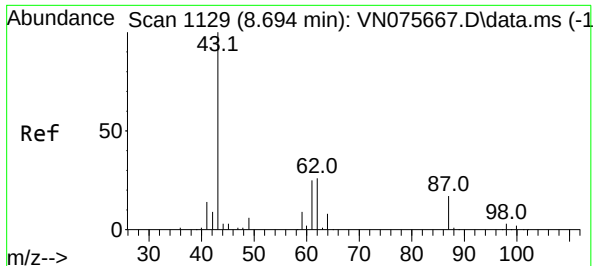


#42
1,2-Dichloroethane
Concen: 20.735 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



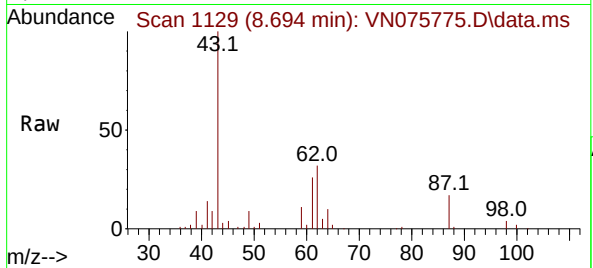
Tgt Ion: 62 Resp: 83795
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.8





#43
Isopropyl Acetate
Concen: 22.058 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

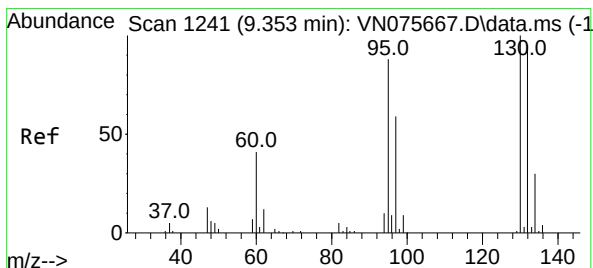
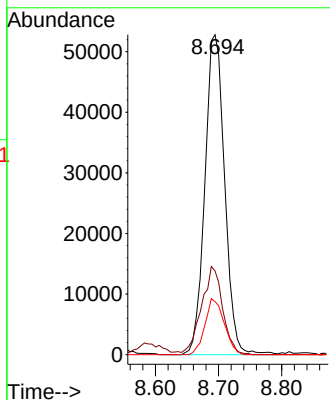
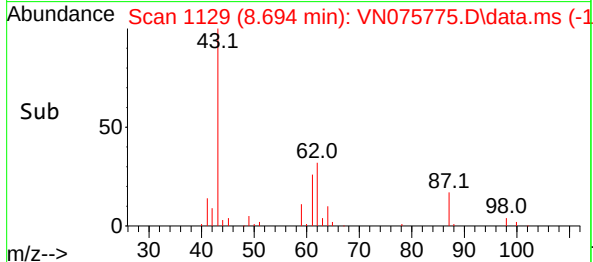
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



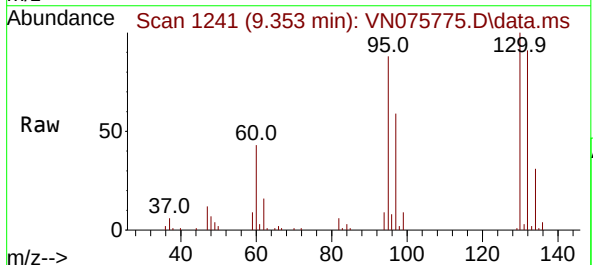
Tgt Ion: 43 Resp: 11514
Ion Ratio Lower Upper
43 100
61 29.7 24.2 36.4
87 17.0 13.3 19.9

Manual Integrations
APPROVED

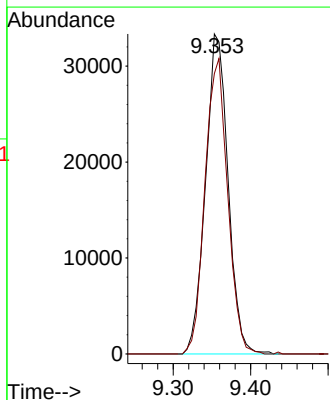
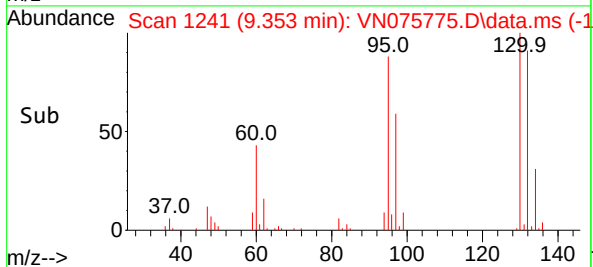
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

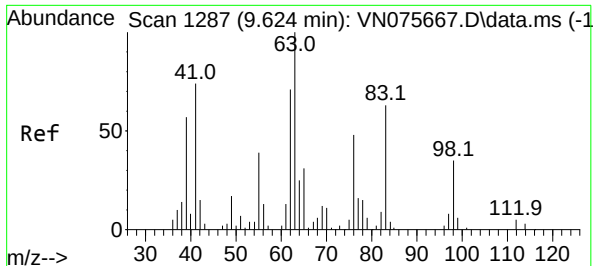


#44
Trichloroethene
Concen: 19.712 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



Tgt Ion:130 Resp: 67502
Ion Ratio Lower Upper
130 100
95 87.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 20.569 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion: 63 Resp: 6084

Ion Ratio Lower Upper

63 100

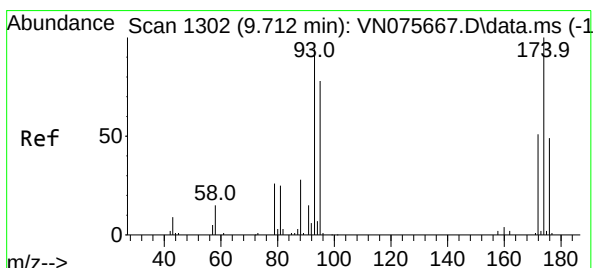
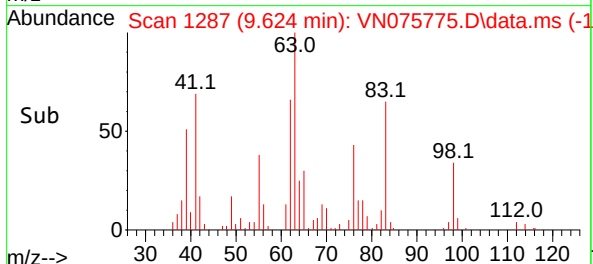
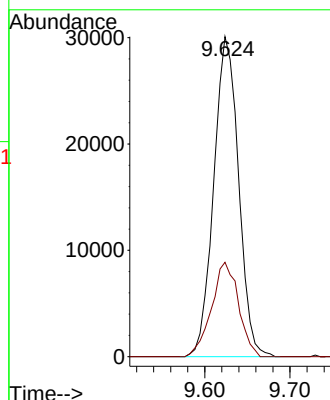
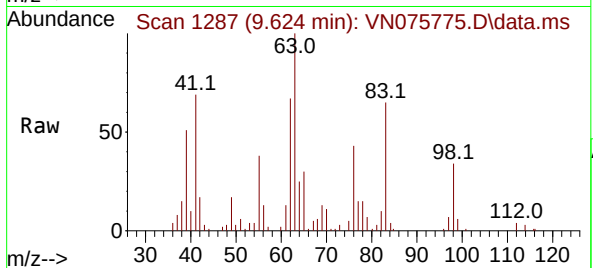
65 29.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 20.319 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

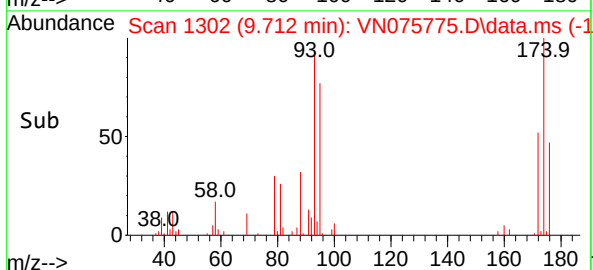
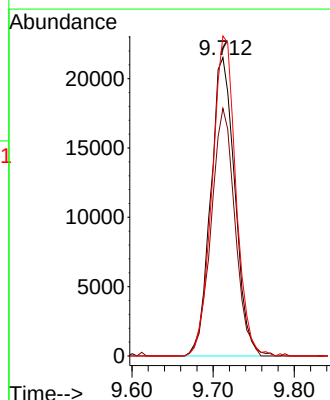
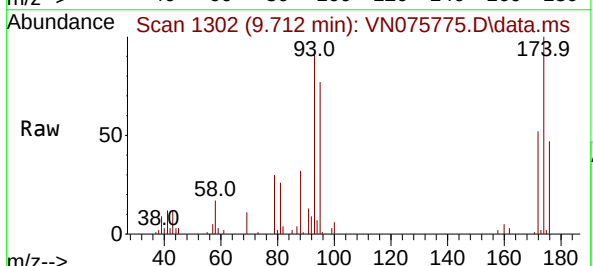
Tgt Ion: 93 Resp: 44579

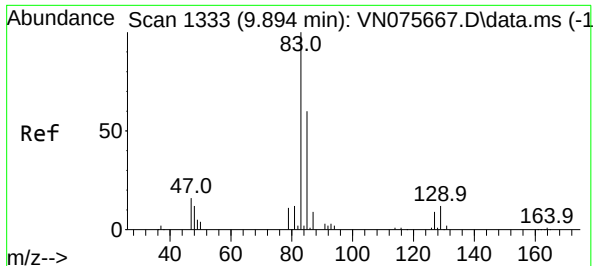
Ion Ratio Lower Upper

93 100

95 81.4 65.2 97.8

174 105.5 82.4 123.6





#47

Bromodichloromethane

Concen: 20.056 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion: 83 Resp: 8629

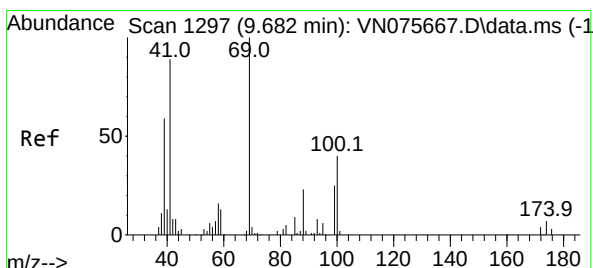
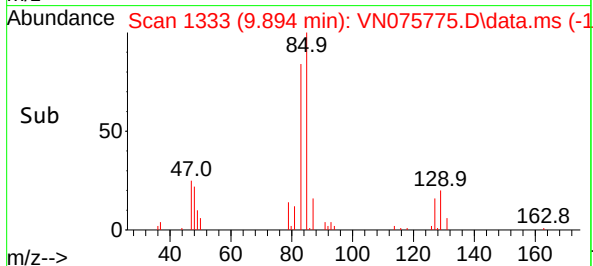
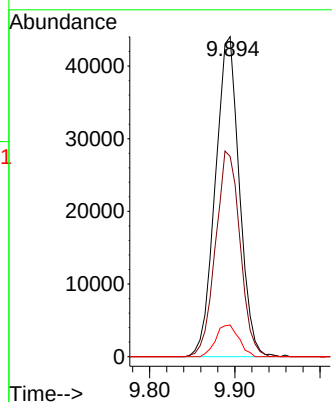
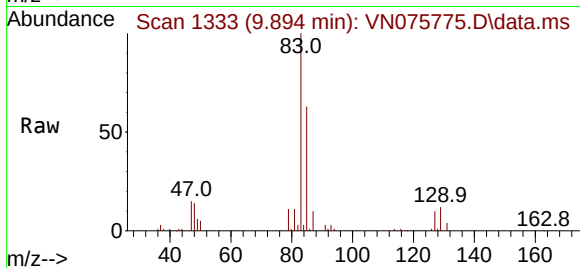
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.5	77.3
127	9.9	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#48

Methyl methacrylate

Concen: 22.791 ug/l

RT: 9.688 min Scan# 1298

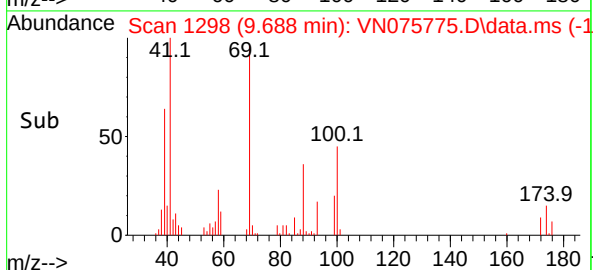
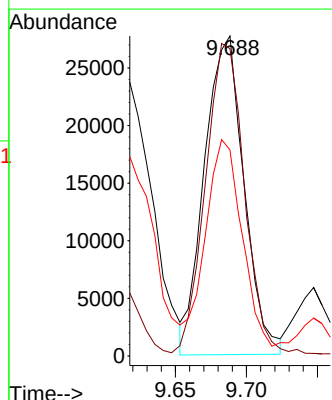
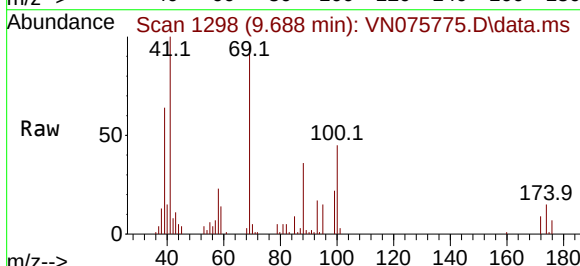
Delta R.T. 0.006 min

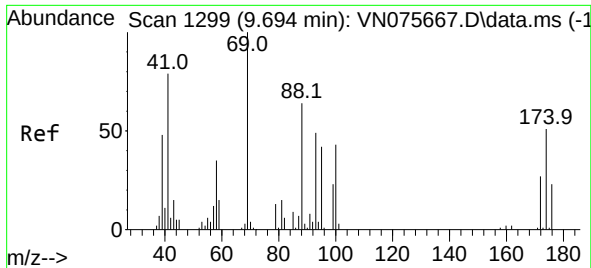
Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Tgt Ion: 41 Resp: 53586

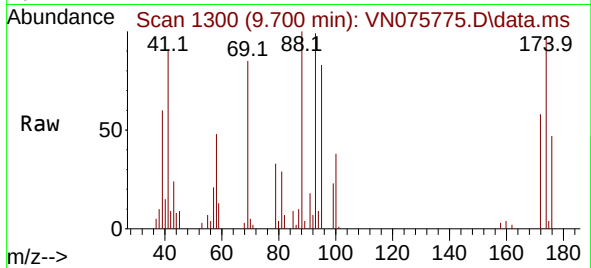
Ion	Ratio	Lower	Upper
41	100		
69	98.2	81.9	122.9
39	66.5	51.6	77.4





#49
1,4-Dioxane
Concen: 466.021 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

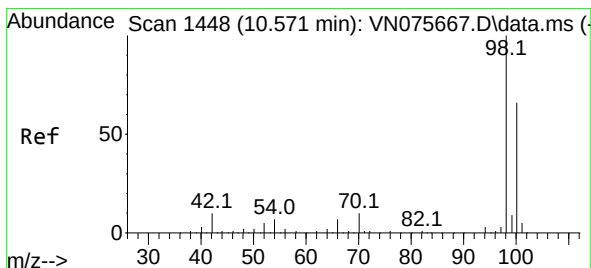
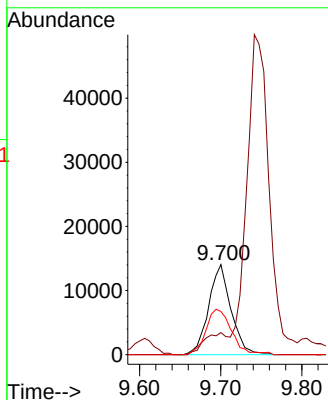
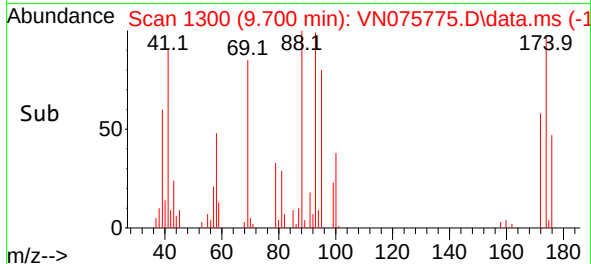
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



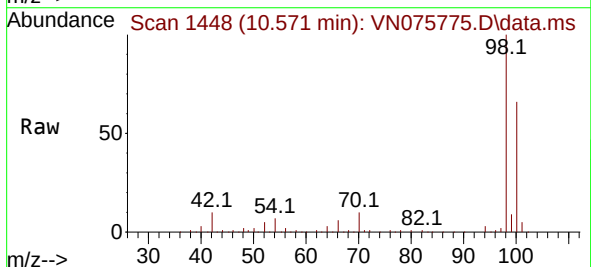
Tgt Ion: 88 Resp: 2693
Ion Ratio Lower Upper
88 100
43 27.2 17.1 25.7
58 57.9 47.8 71.8

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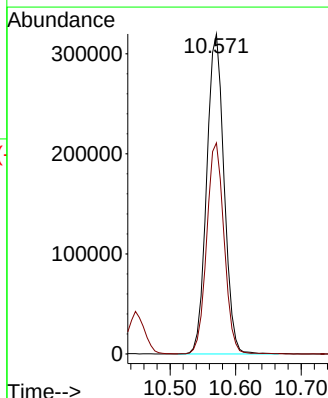
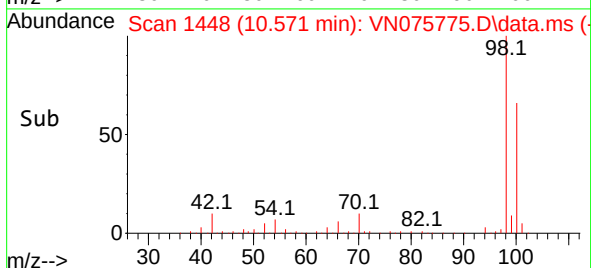
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

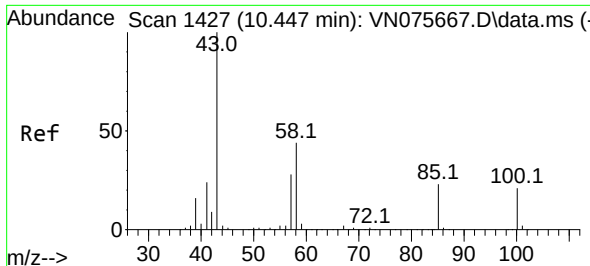


#50
Toluene-d8
Concen: 52.985 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



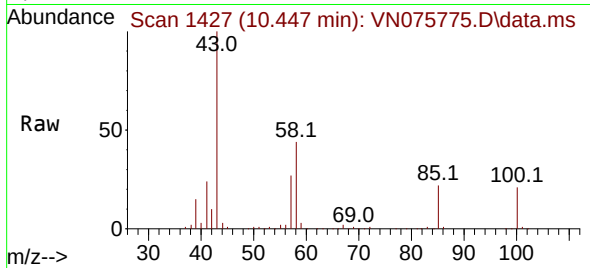
Tgt Ion: 98 Resp: 587547
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 113.672 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

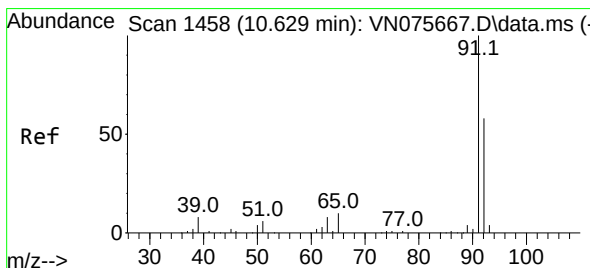
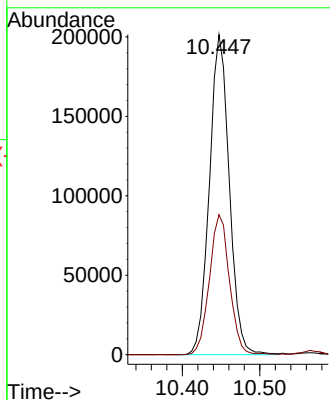
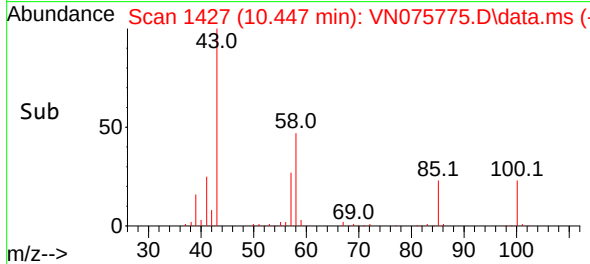
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 43 Resp: 35886
Ion Ratio Lower Upper
43 100
58 44.2 35.5 53.3

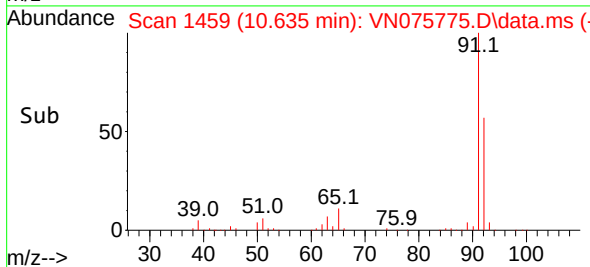
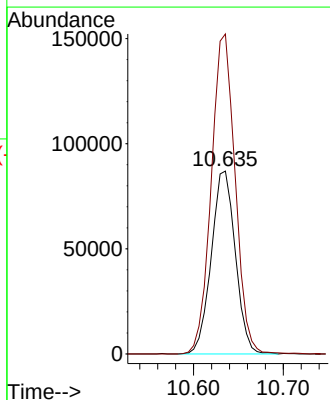
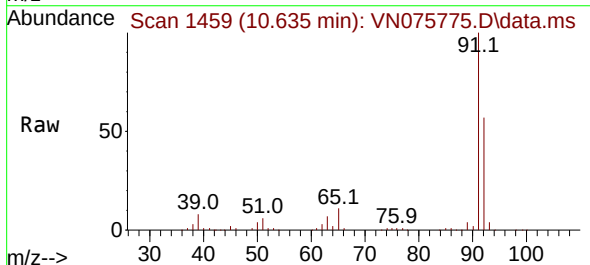
Manual Integrations
APPROVED

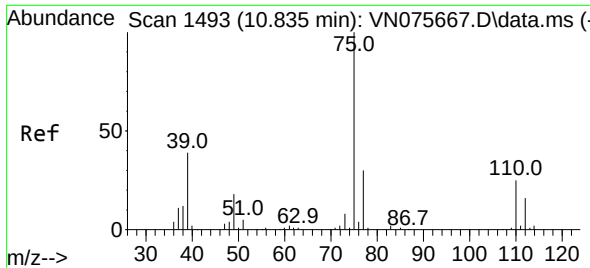
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 20.454 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Tgt Ion: 92 Resp: 161929
Ion Ratio Lower Upper
92 100
91 174.0 137.3 205.9





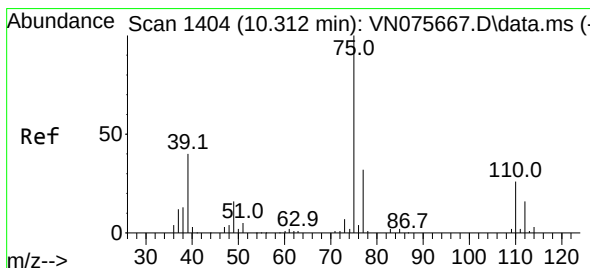
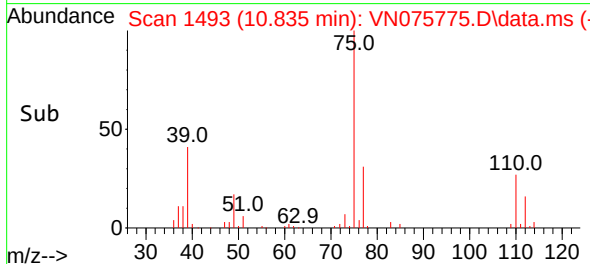
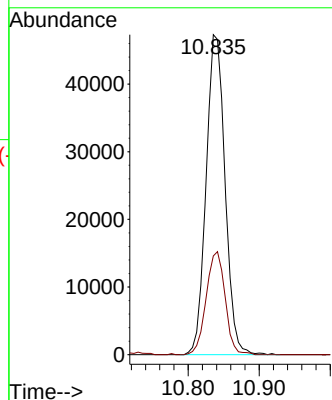
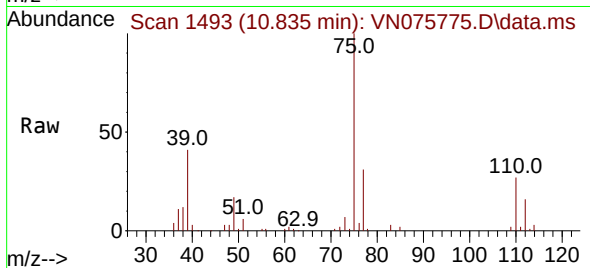
#53
t-1,3-Dichloropropene
Concen: 20.853 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion: 75 Resp: 8782
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3

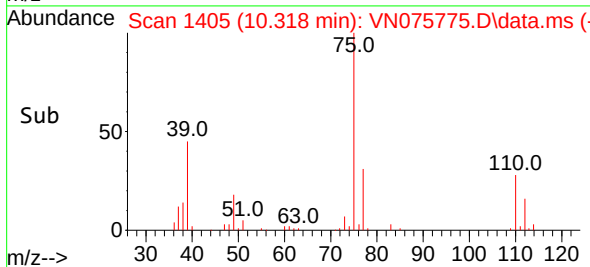
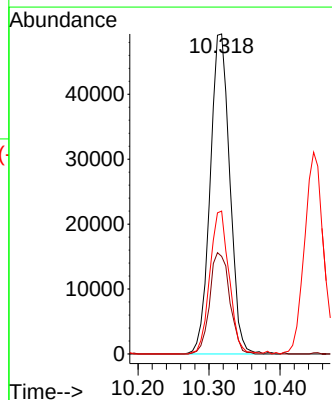
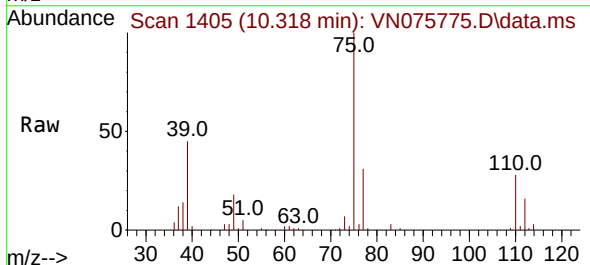
Manual Integrations
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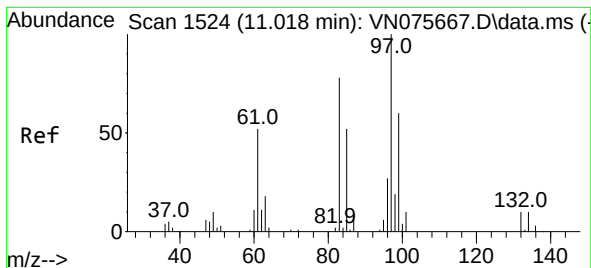
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#54
cis-1,3-Dichloropropene
Concen: 20.459 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Tgt Ion: 75 Resp: 94603
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.8
39 44.6 33.4 50.2





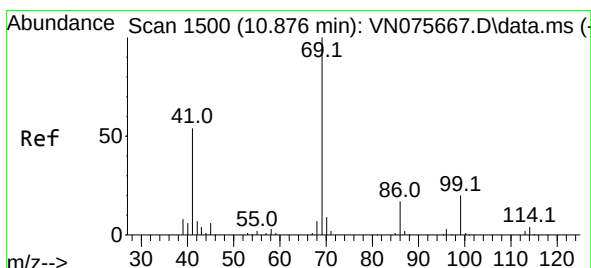
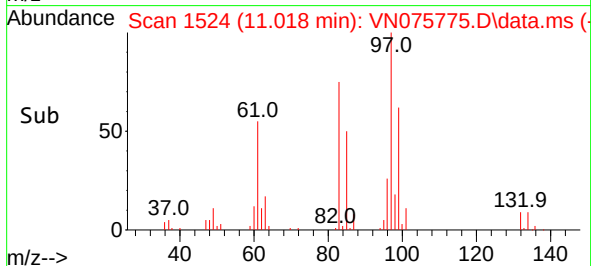
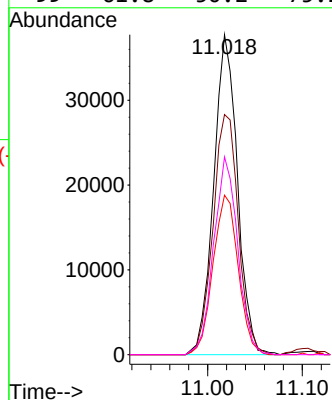
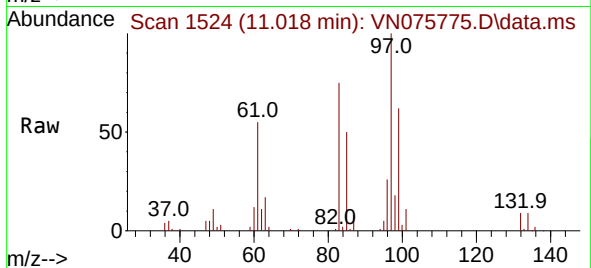
#55
1,1,2-Trichloroethane
Concen: 21.139 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion: 97	Resp: 6568
Ion Ratio	Lower Upper
97 100	
83 75.0	65.0 97.4
85 49.9	43.0 64.6
99 61.8	50.2 75.2

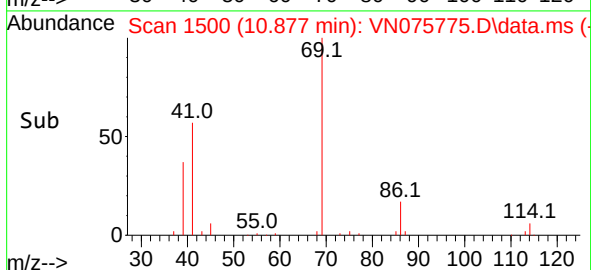
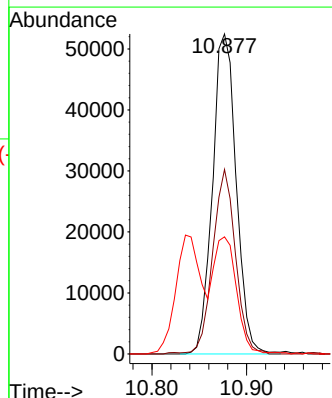
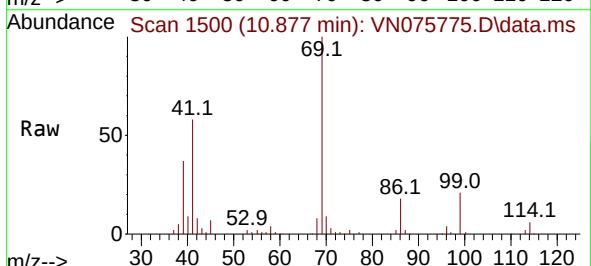
Manual Integrations
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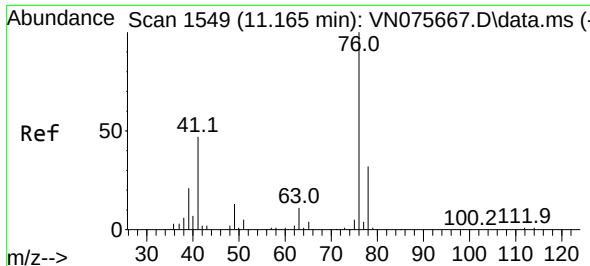
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 22.072 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Tgt Ion: 69	Resp: 91101
Ion Ratio	Lower Upper
69 100	
41 55.5	44.2 66.4
39 34.6	26.4 39.6





#57

1,3-Dichloropropane

Concen: 21.098 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion: 76 Resp: 107534

Ion Ratio Lower Upper

76 100

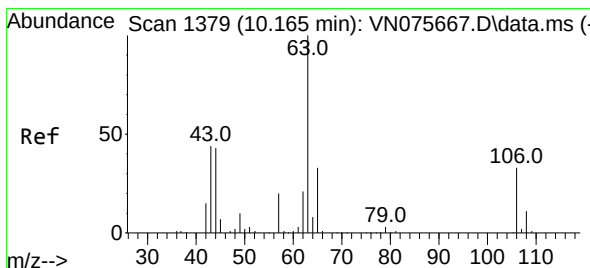
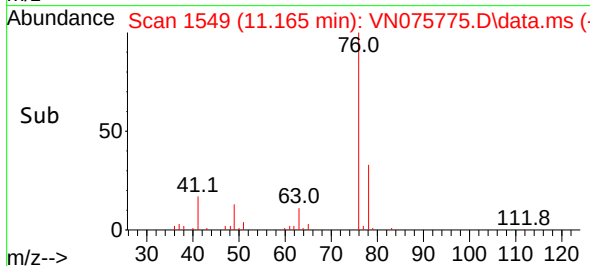
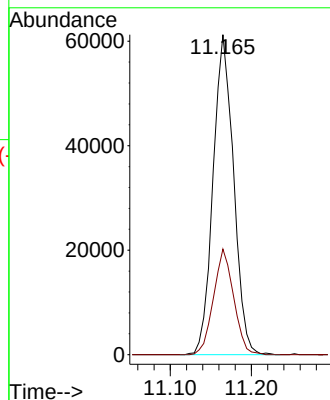
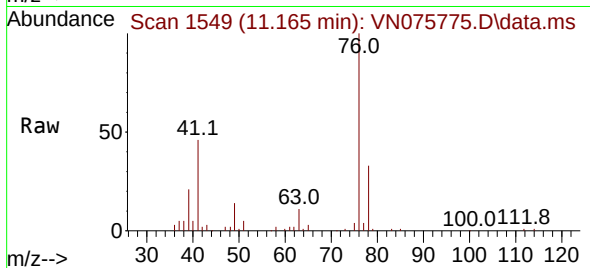
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 87.378 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075775.D

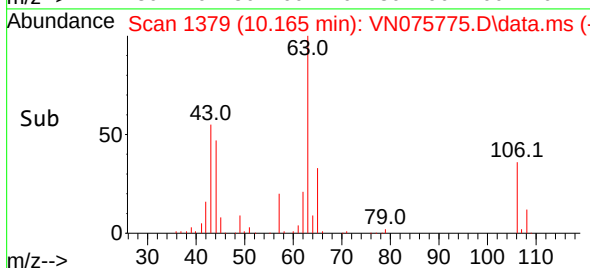
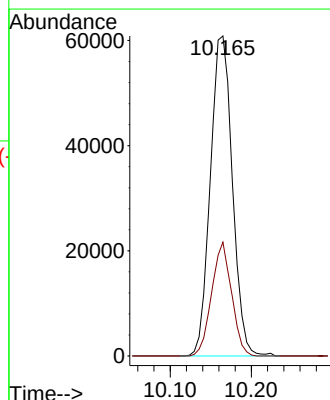
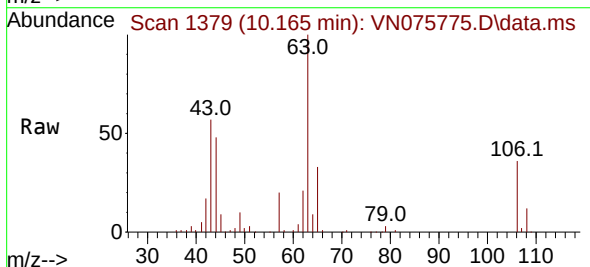
Acq: 14 Dec 2022 17:15

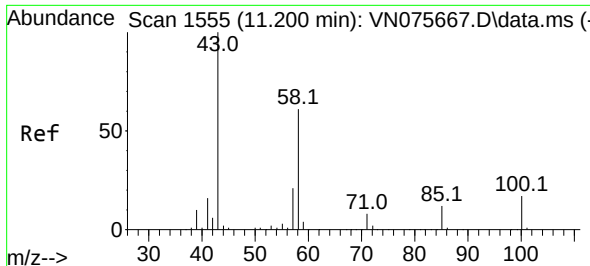
Tgt Ion: 63 Resp: 114822

Ion Ratio Lower Upper

63 100

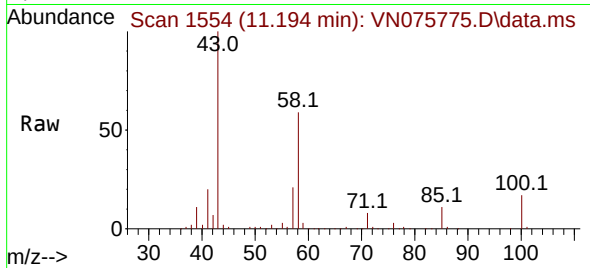
106 32.1 26.4 39.6





#59
2-Hexanone
Concen: 116.048 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

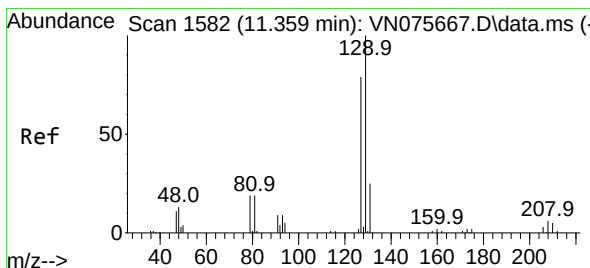
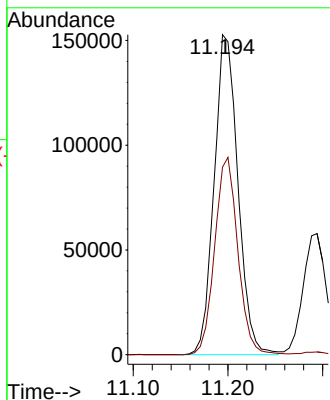
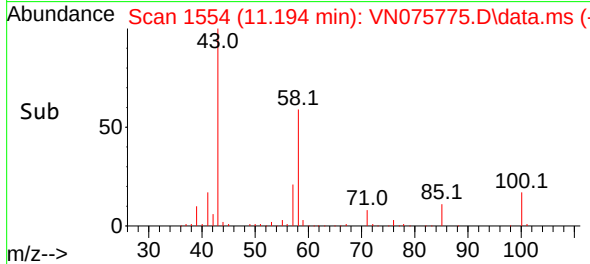
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 43 Resp: 267178
Ion Ratio Lower Upper
43 100
58 60.1 30.6 92.0

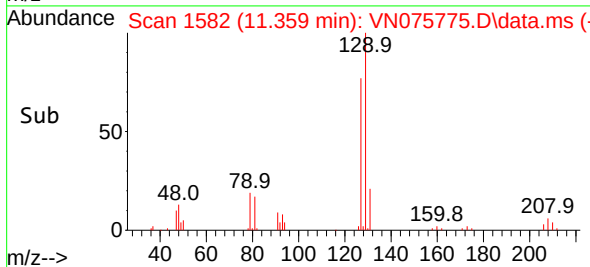
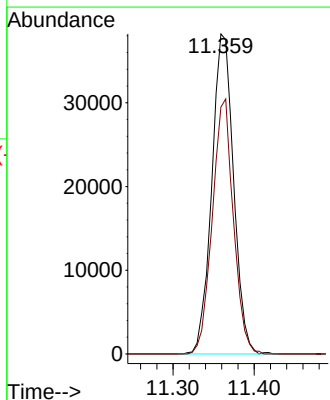
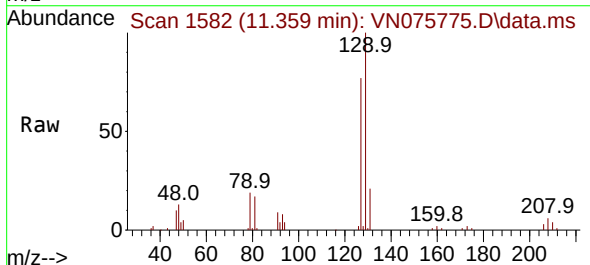
Manual Integrations
APPROVED

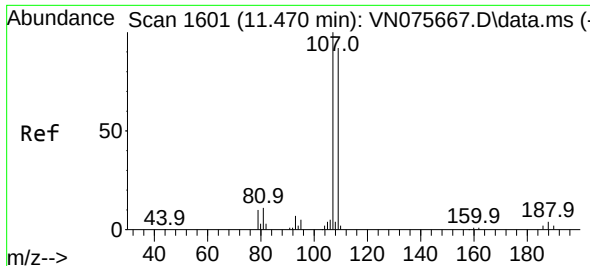
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 20.650 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Tgt Ion:129 Resp: 71361
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9





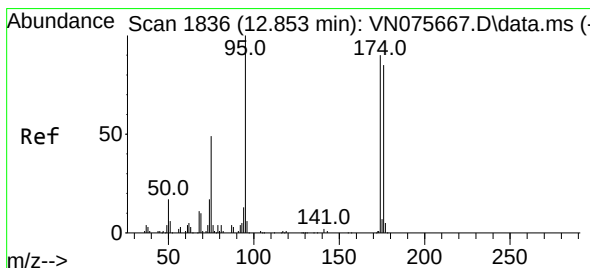
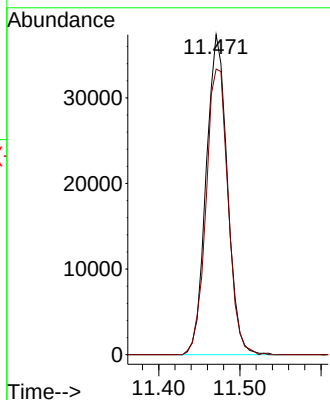
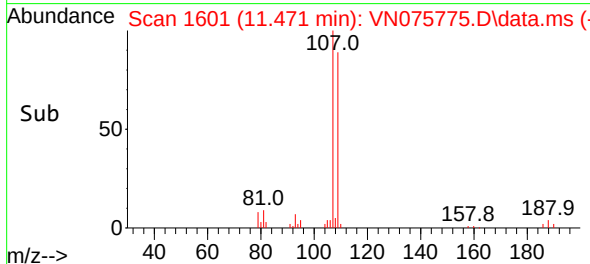
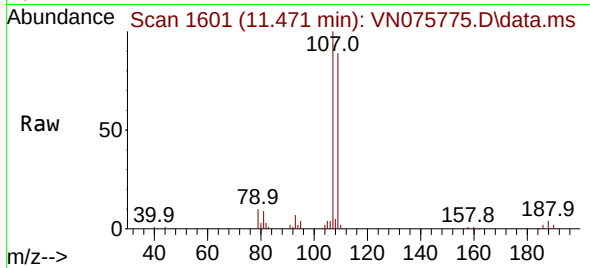
#61
1,2-Dibromoethane
Concen: 21.530 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion:107 Resp: 6770
Ion Ratio Lower Upper
107 100
109 93.1 74.8 112.2

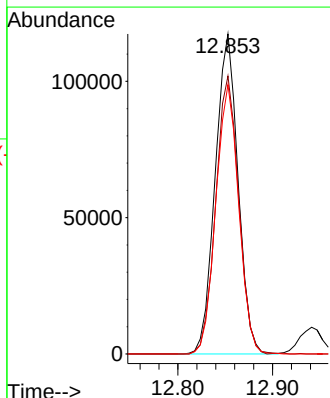
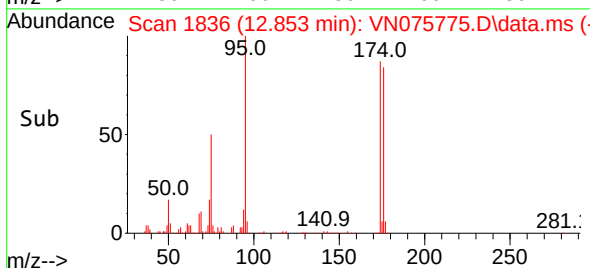
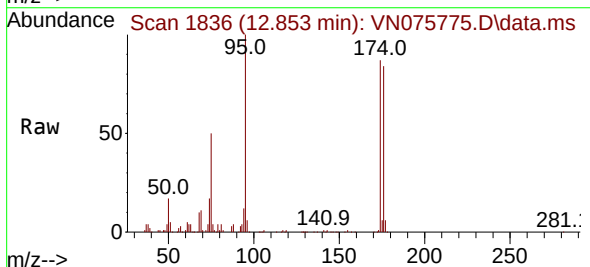
Manual Integrations
APPROVED

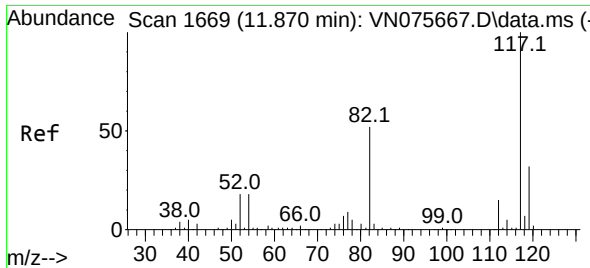
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 53.572 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

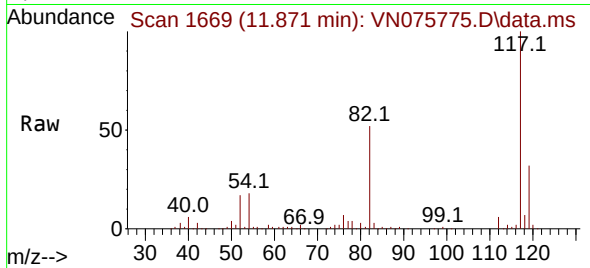
Tgt Ion: 95 Resp: 196758
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.6
176 84.2 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

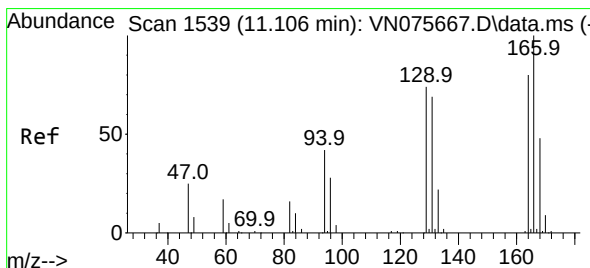
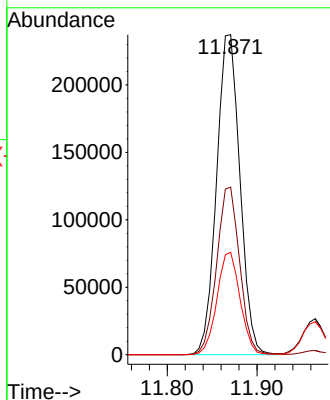
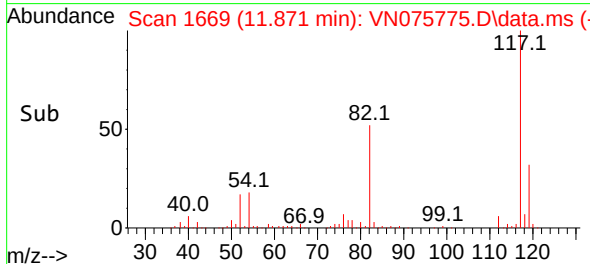
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



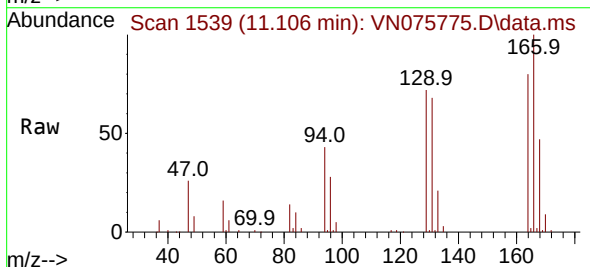
Tgt Ion:117 Resp: 430079
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 32.0 24.6 37.0

Manual Integrations
APPROVED

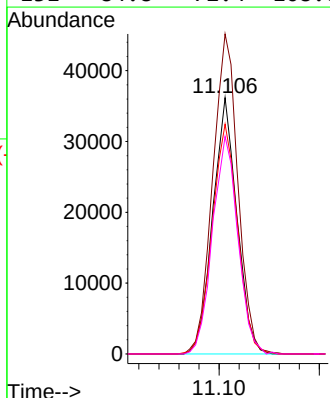
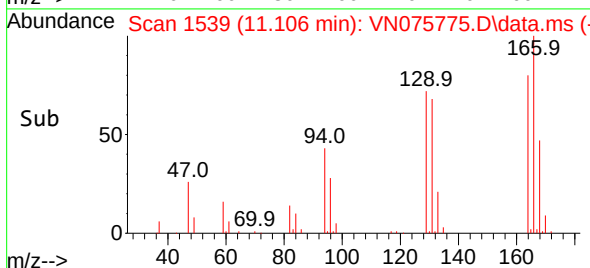
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

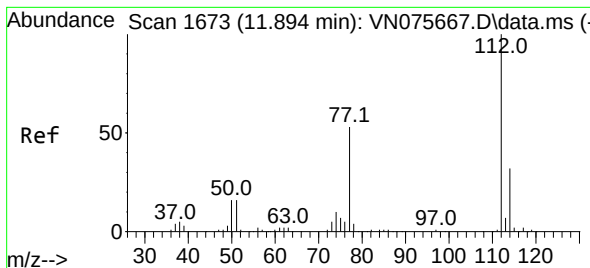


#64
Tetrachloroethene
Concen: 20.027 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



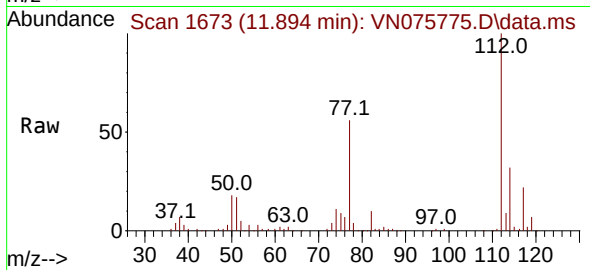
Tgt Ion:164 Resp: 60610
Ion Ratio Lower Upper
164 100
166 124.8 101.9 152.9
129 89.6 74.2 111.2
131 84.8 72.4 108.6





#65
Chlorobenzene
Concen: 19.918 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

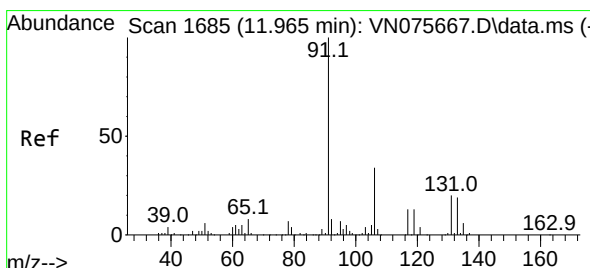
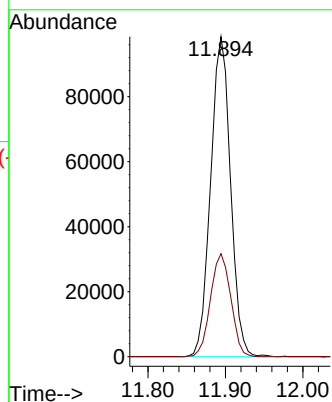
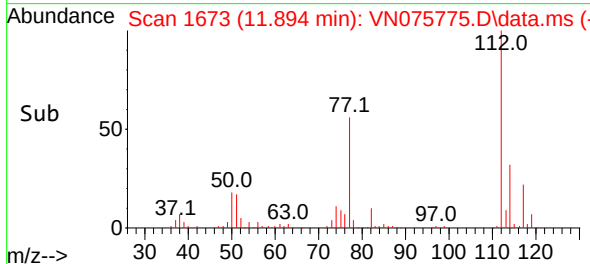
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



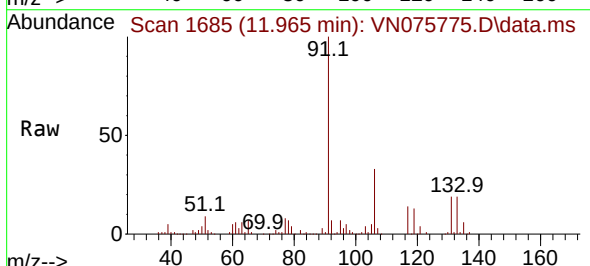
Tgt Ion:112 Resp: 175829
Ion Ratio Lower Upper
112 100
114 32.2 24.7 37.1

Manual Integrations
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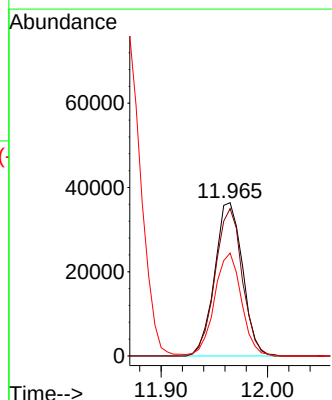
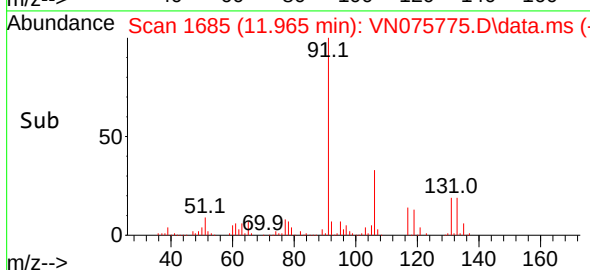
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

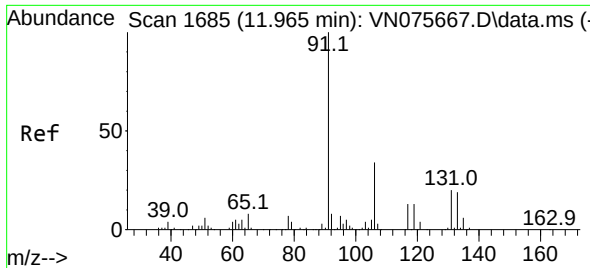


#66
1,1,1,2-Tetrachloroethane
Concen: 20.217 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



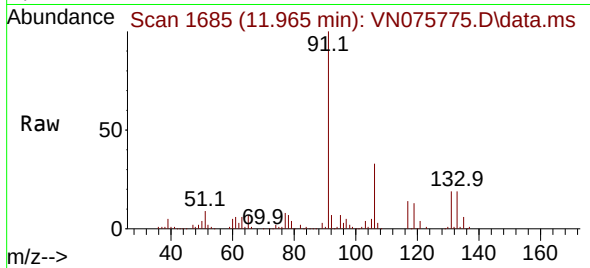
Tgt Ion:131 Resp: 66103
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.5
119 64.7 31.9 95.7





#67
Ethyl Benzene
Concen: 20.897 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

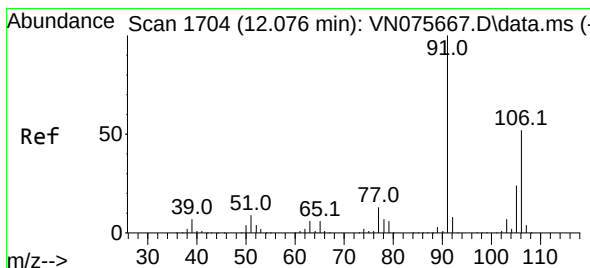
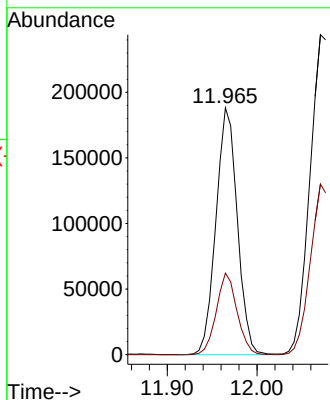
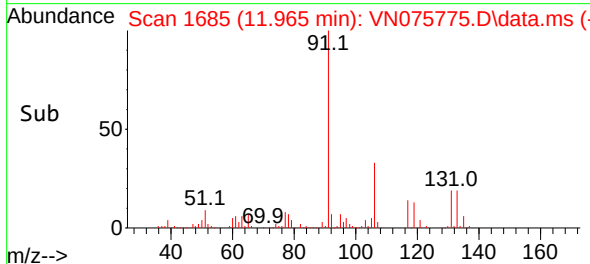
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



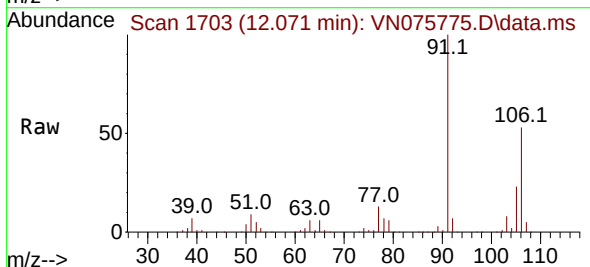
Tgt Ion: 91 Resp: 31132
Ion Ratio Lower Upper
91 100
106 33.1 25.7 38.5

Manual Integrations
APPROVED

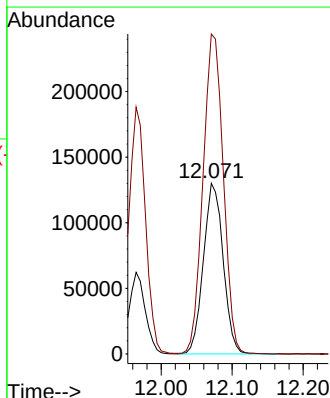
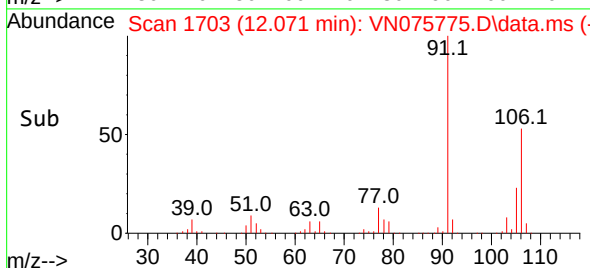
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

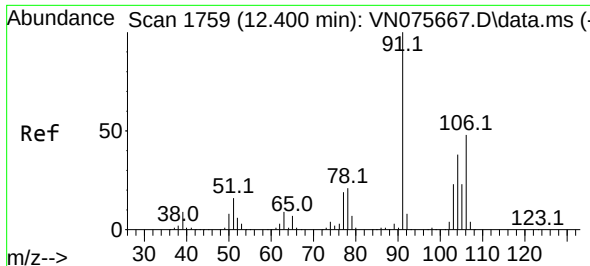


#68
m/p-Xylenes
Concen: 42.660 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



Tgt Ion:106 Resp: 251551
Ion Ratio Lower Upper
106 100
91 192.7 156.6 235.0





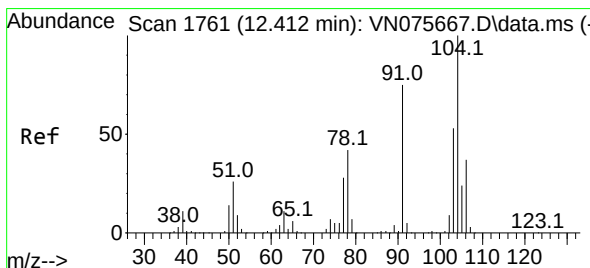
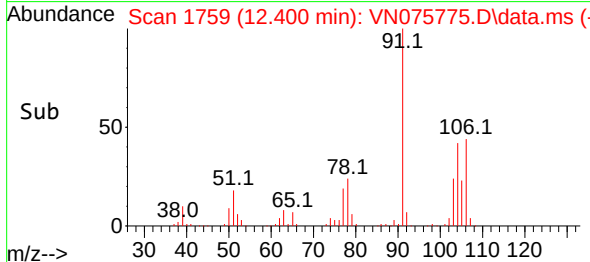
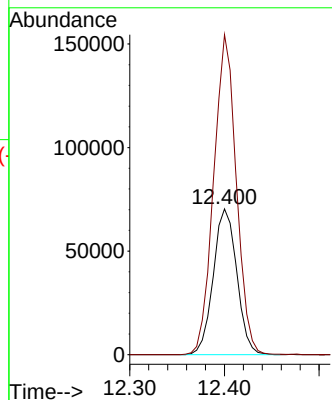
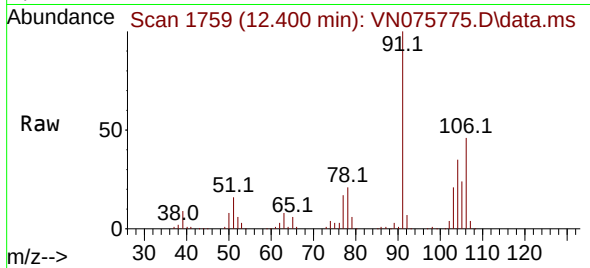
#69
o-Xylene
Concen: 20.812 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion:106 Resp: 121449
Ion Ratio Lower Upper
106 100
91 211.5 103.8 311.6

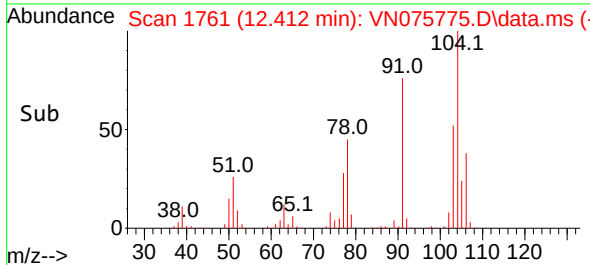
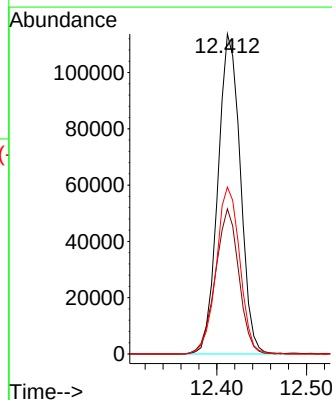
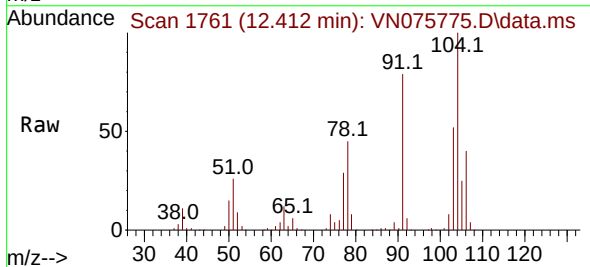
Manual Integrations
APPROVED

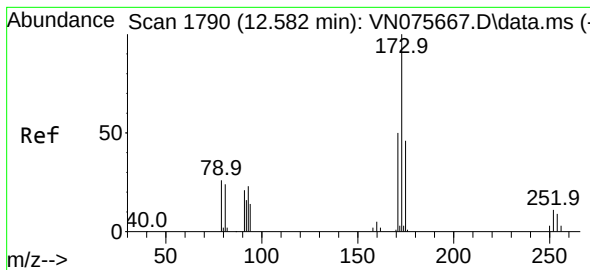
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 21.232 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

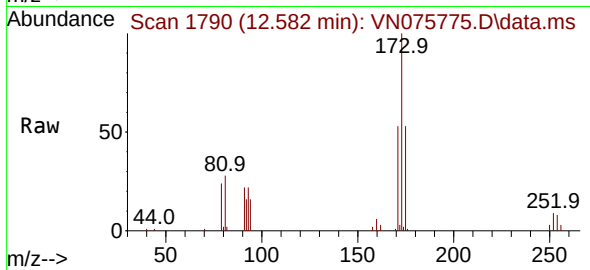
Tgt Ion:104 Resp: 196993
Ion Ratio Lower Upper
104 100
78 47.7 37.5 56.3
103 54.9 43.5 65.3





#71
Bromoform
Concen: 20.961 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

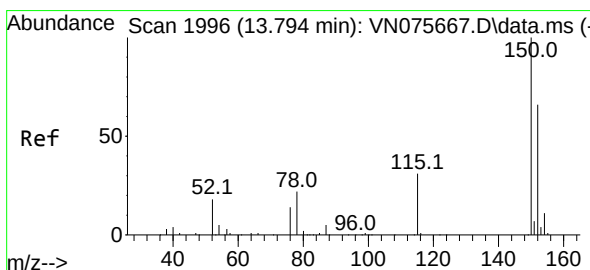
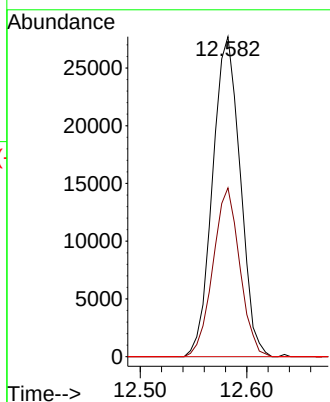
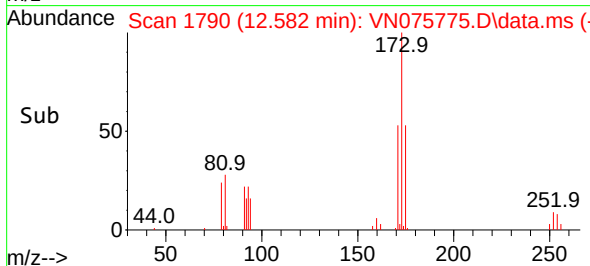
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



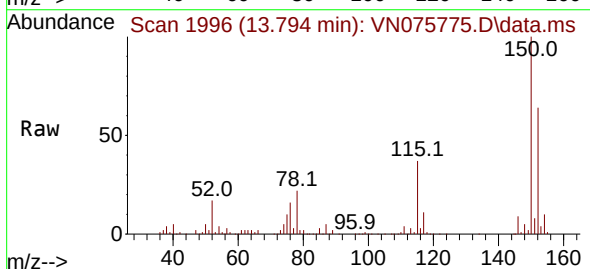
Tgt Ion:173 Resp: 49870
Ion Ratio Lower Upper
173 100
175 51.2 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
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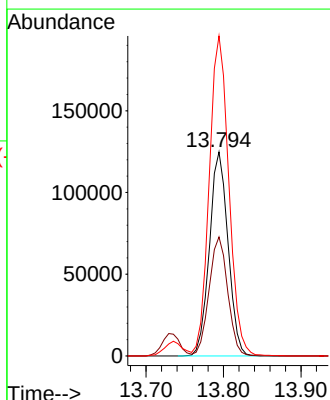
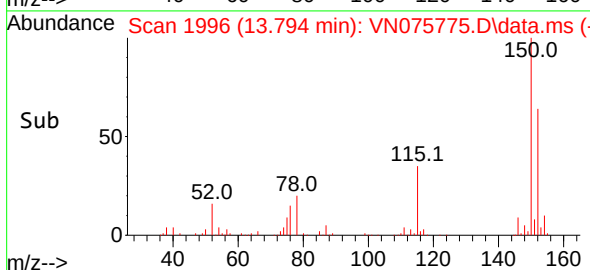
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

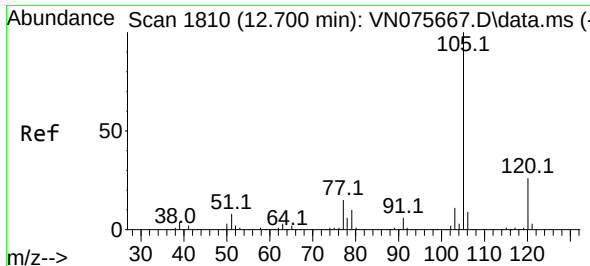


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



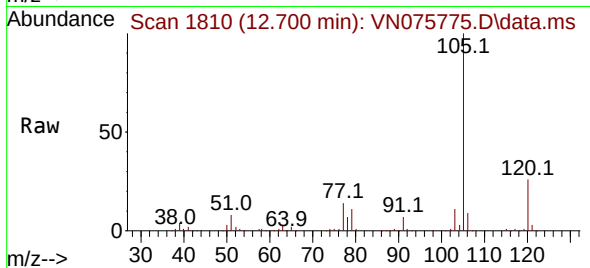
Tgt Ion:152 Resp: 208386
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.4
150 164.7 0.0 347.0





#73
Isopropylbenzene
Concen: 21.285 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

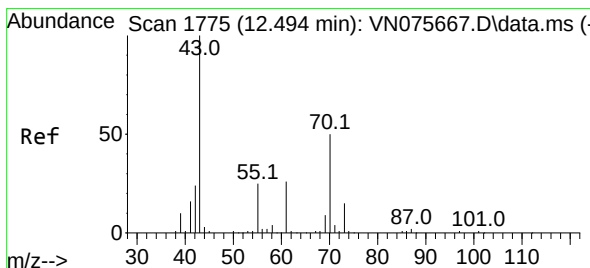
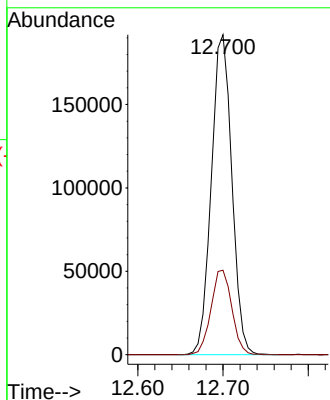
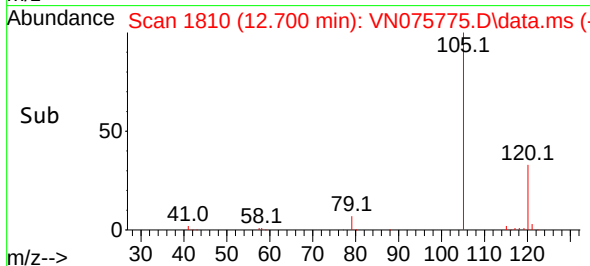
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



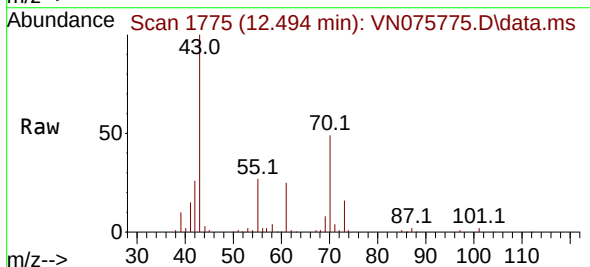
Tgt Ion:105 Resp: 32053
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

Manual Integrations
APPROVED

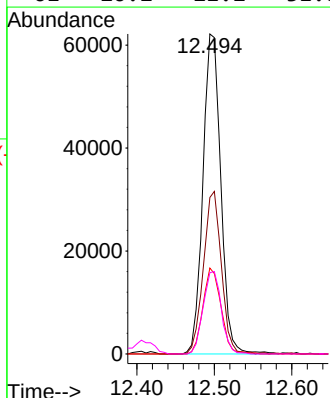
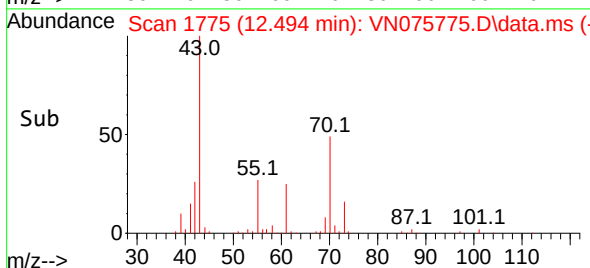
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

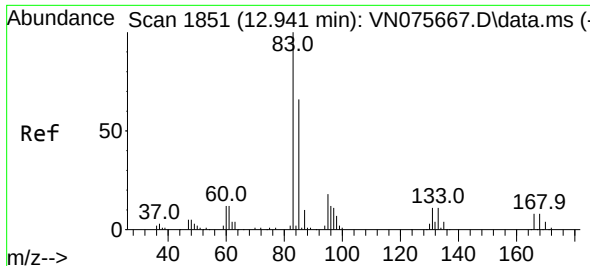


#74
N-ethyl acetate
Concen: 22.524 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



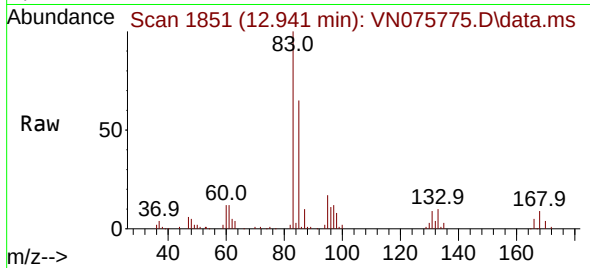
Tgt Ion: 43 Resp: 99505
Ion Ratio Lower Upper
43 100
70 51.1 41.4 62.0
55 27.2 21.3 31.9
61 26.2 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.013 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

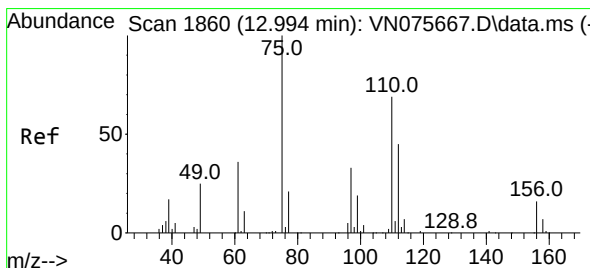
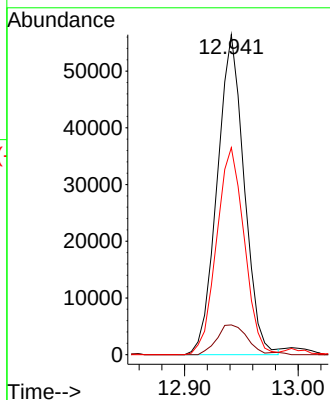
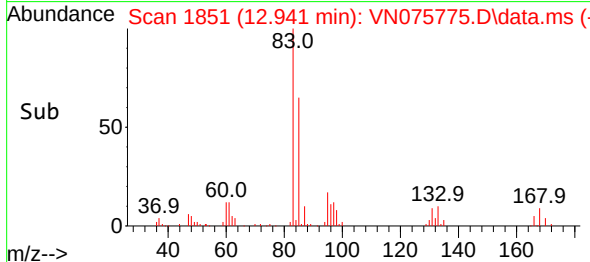
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion: 83 Resp: 9316
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 66.4 32.6 98.0

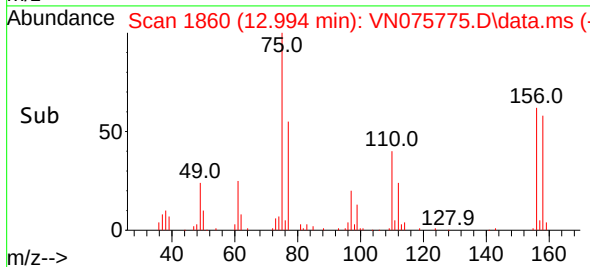
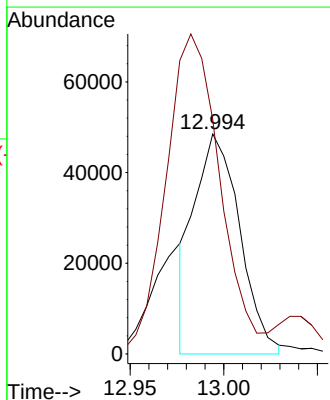
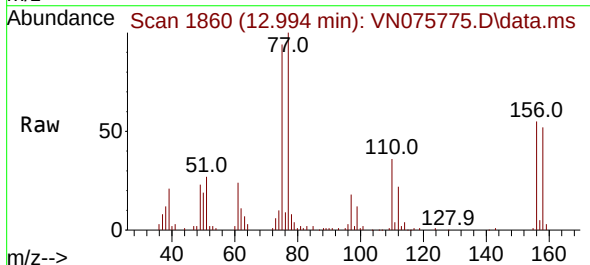
Manual Integrations
APPROVED

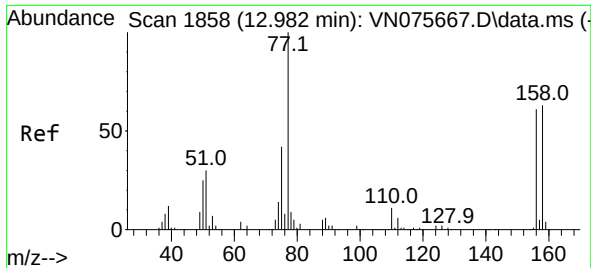
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#76
1,2,3-Trichloropropane
Concen: 19.401 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

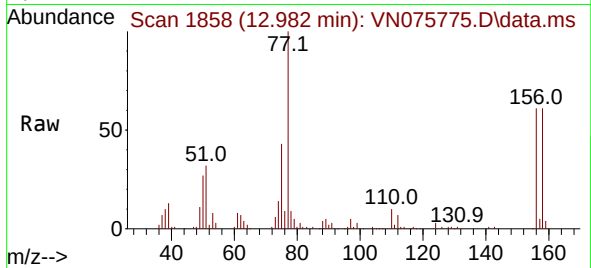
Tgt Ion: 75 Resp: 81496
Ion Ratio Lower Upper
75 100
77 175.1 82.6 247.8





#77
Bromobenzene
Concen: 20.236 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

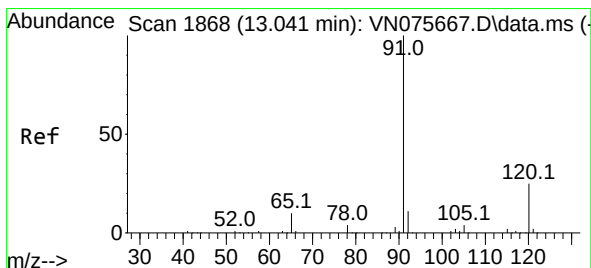
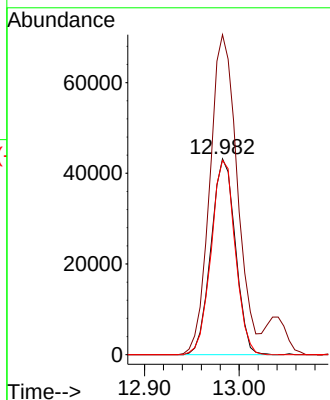
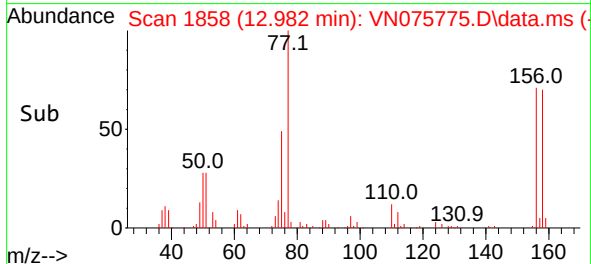
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



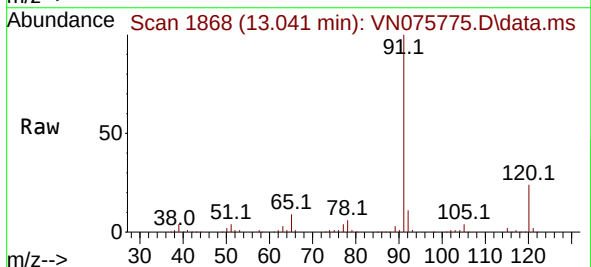
Tgt Ion:156 Resp: 77120
Ion Ratio Lower Upper
156 100
77 185.0 93.8 281.3
158 98.1 48.9 146.6

Manual Integrations
APPROVED

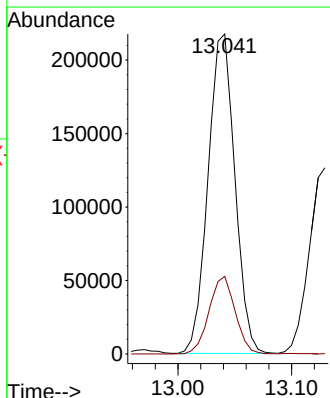
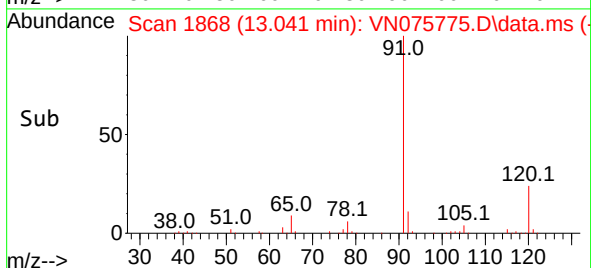
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

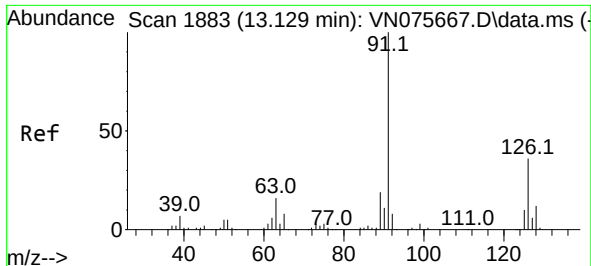


#78
n-propylbenzene
Concen: 21.500 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



Tgt Ion: 91 Resp: 357098
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.1





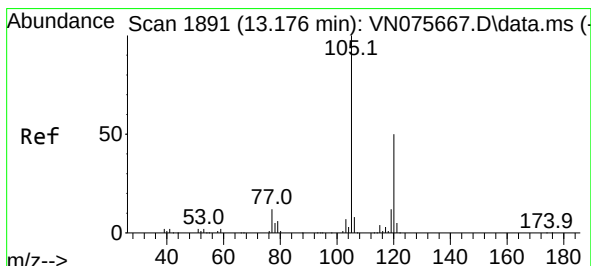
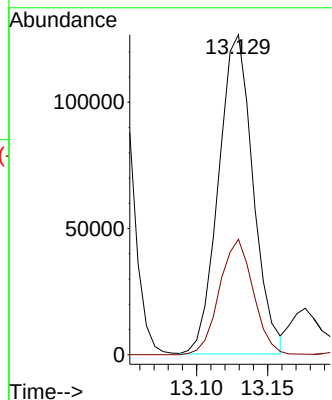
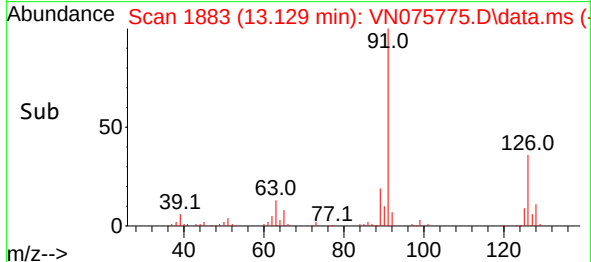
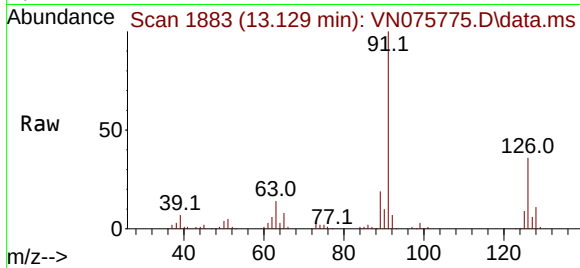
#79
2-Chlorotoluene
Concen: 20.666 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion: 91 Resp: 21426
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

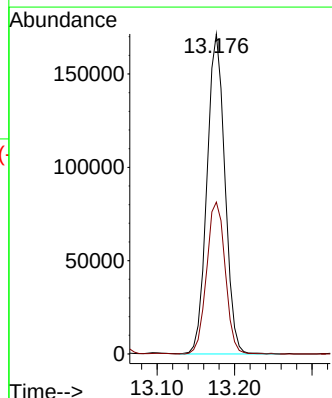
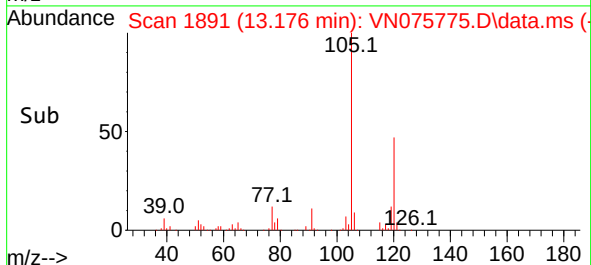
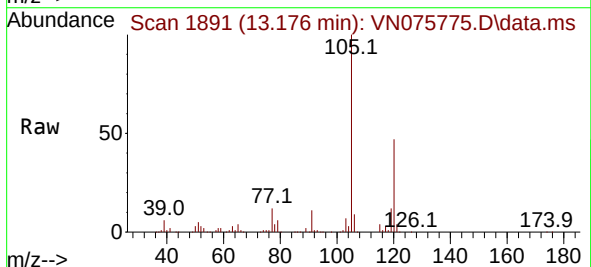
Manual Integrations
APPROVED

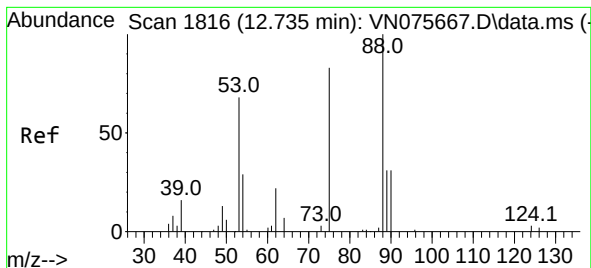
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.809 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

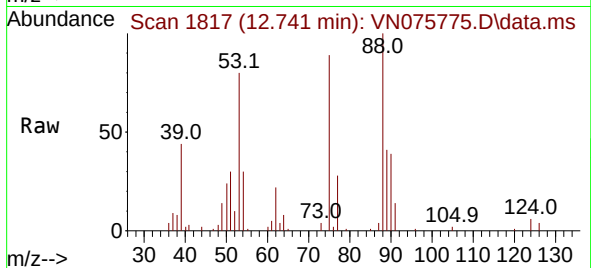
Tgt Ion:105 Resp: 274867
Ion Ratio Lower Upper
105 100
120 49.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 22.111 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

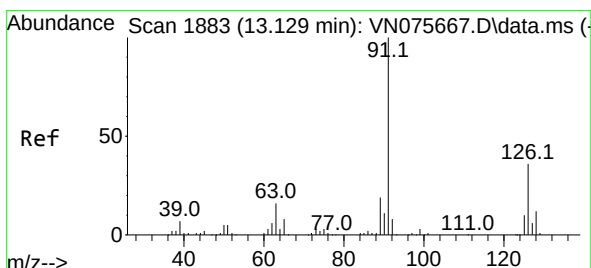
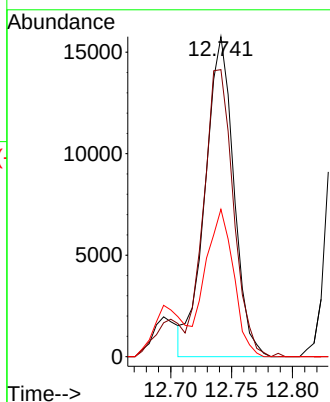
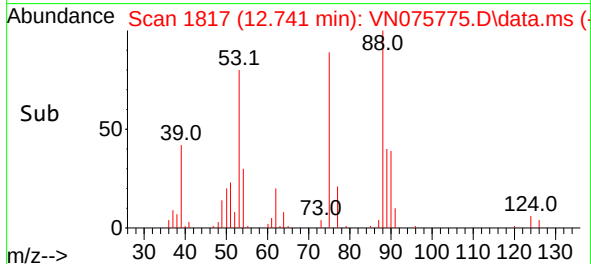
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



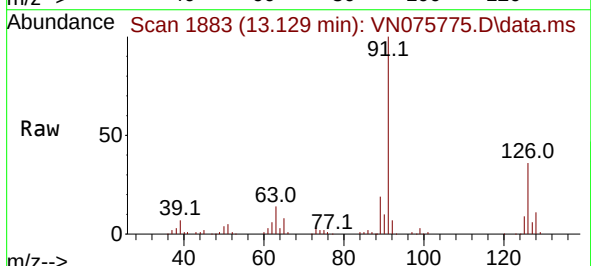
Tgt Ion: 75 Resp: 2580
Ion Ratio Lower Upper
75 100
53 92.6 73.8 110.6
89 44.4 39.5 59.3

Manual Integrations
APPROVED

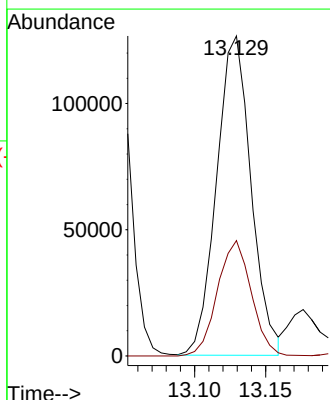
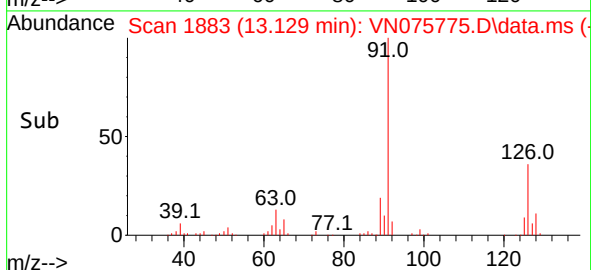
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

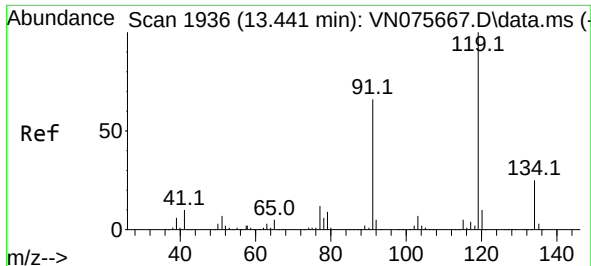


#82
4-Chlorotoluene
Concen: 20.666 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



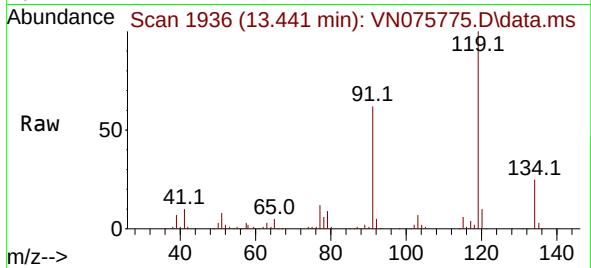
Tgt Ion: 91 Resp: 214265
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5





#83
tert-Butylbenzene
Concen: 21.559 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

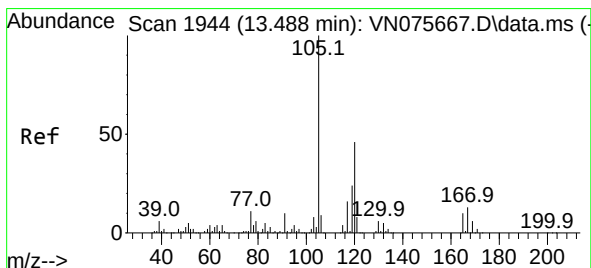
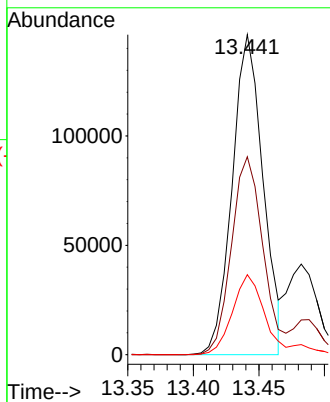
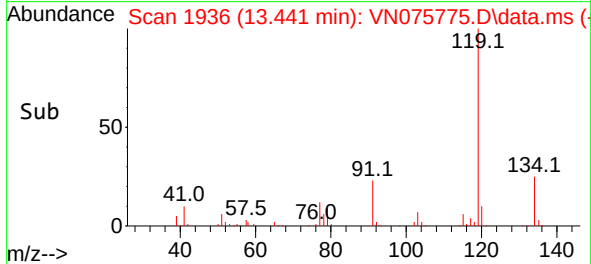
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



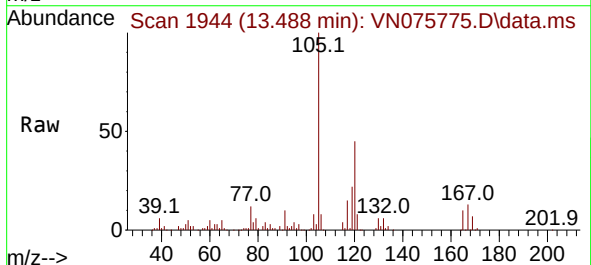
Tgt Ion:119 Resp: 239574
Ion Ratio Lower Upper
119 100
91 63.7 31.9 95.5
134 27.7 13.8 41.4

Manual Integrations
APPROVED

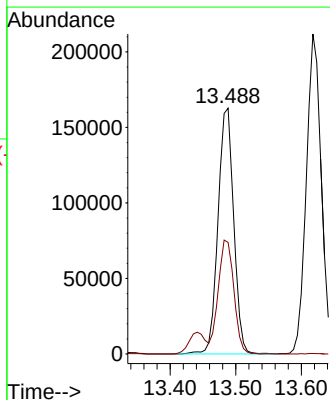
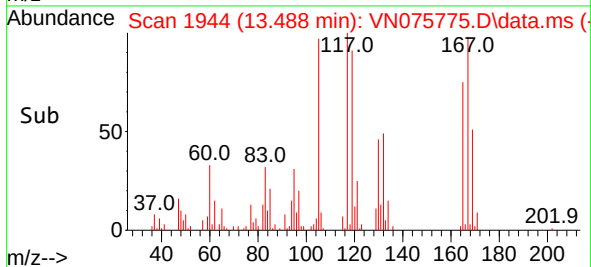
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

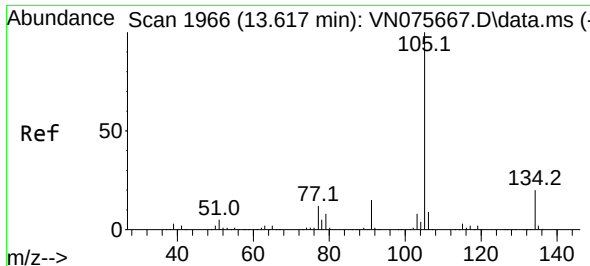


#84
1,2,4-Trimethylbenzene
Concen: 21.575 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



Tgt Ion:105 Resp: 269760
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





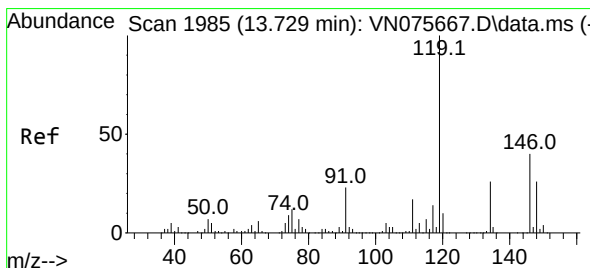
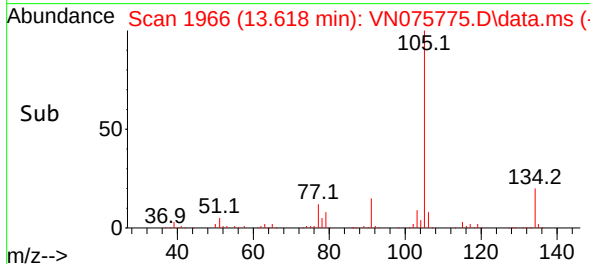
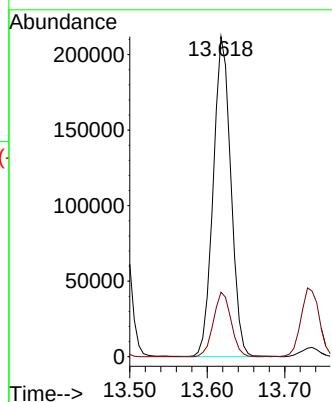
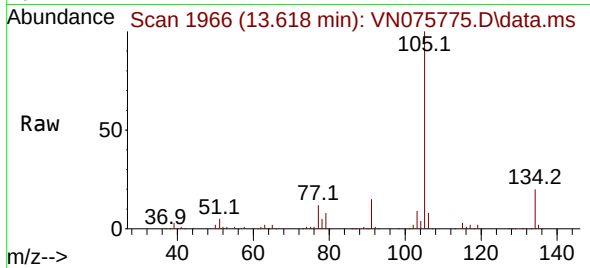
#85
 sec-Butylbenzene
 Concen: 21.848 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075775.D
 Acq: 14 Dec 2022 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD01

Tgt Ion:105 Resp: 335099
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

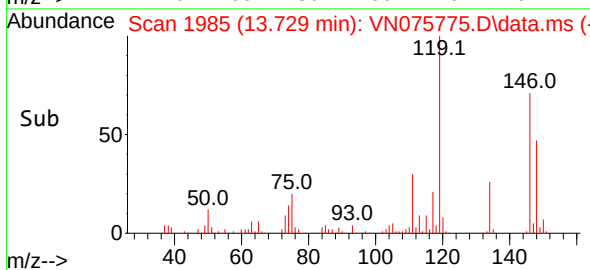
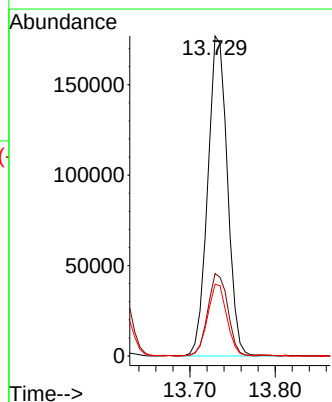
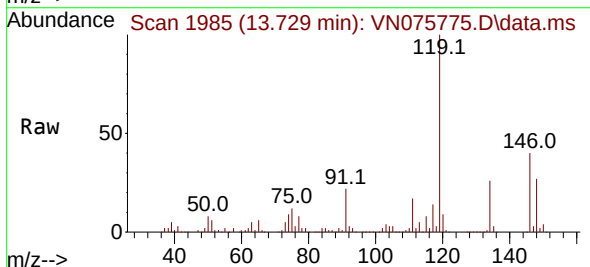
Manual Integrations
 APPROVED

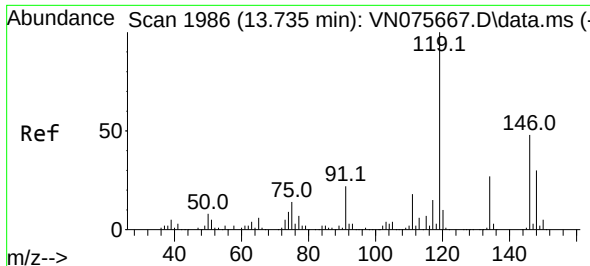
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#86
 p-Isopropyltoluene
 Concen: 22.215 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075775.D
 Acq: 14 Dec 2022 17:15

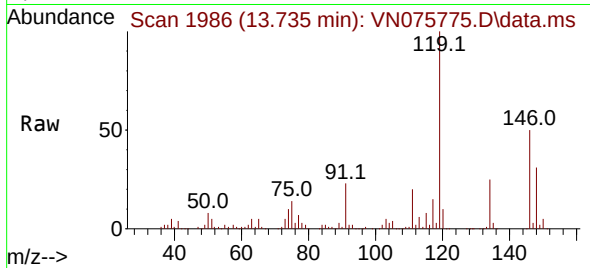
Tgt Ion:119 Resp: 283512
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 22.1 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 20.317 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

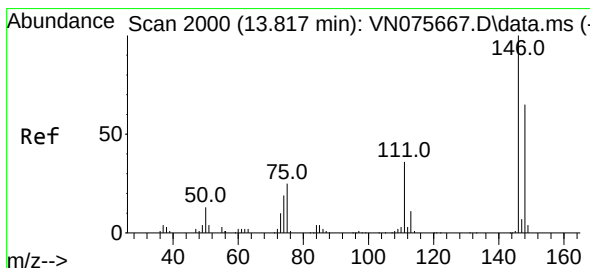
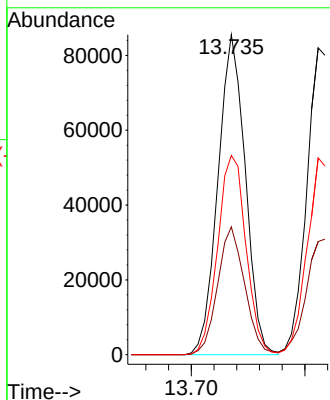
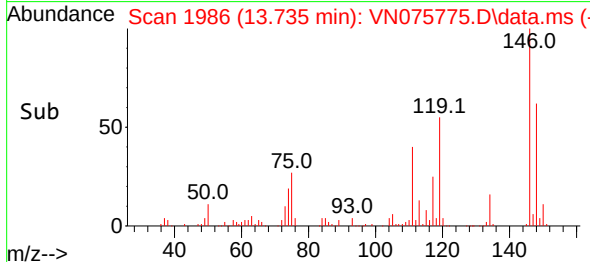
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



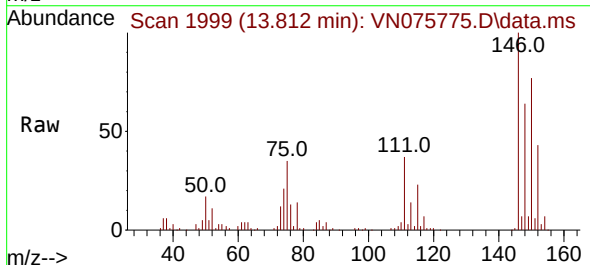
Tgt Ion:146 Resp: 14302
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 64.6 31.4 94.2

Manual Integrations
APPROVED

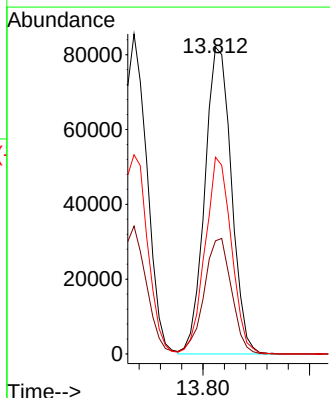
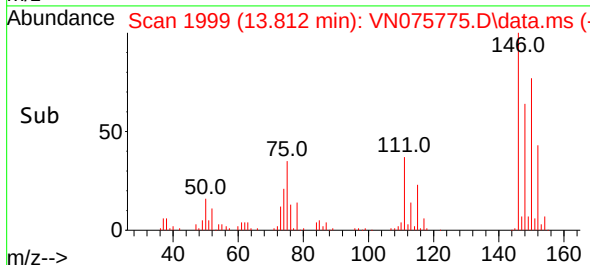
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

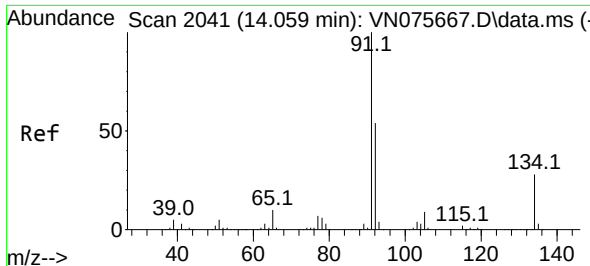


#88
1,4-Dichlorobenzene
Concen: 19.829 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15



Tgt Ion:146 Resp: 142599
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 63.3 32.0 96.2





#89

n-Butylbenzene

Concen: 21.318 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

Tgt Ion: 91 Resp: 22040

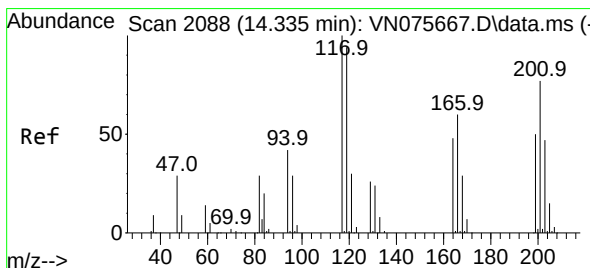
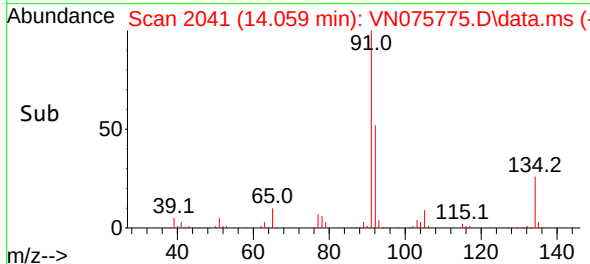
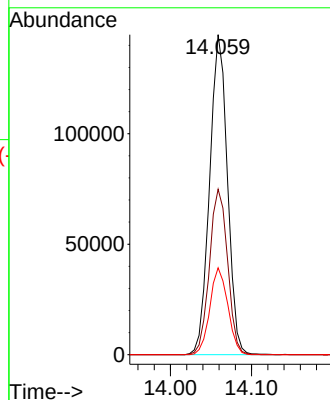
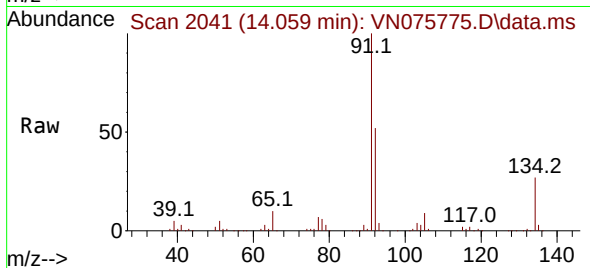
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.2
134	27.4	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#90

Hexachloroethane

Concen: 20.564 ug/l

RT: 14.335 min Scan# 2088

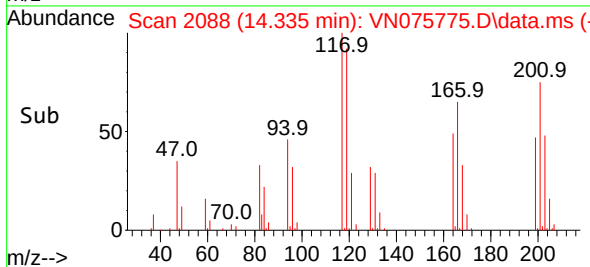
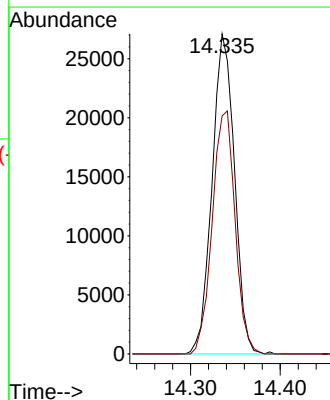
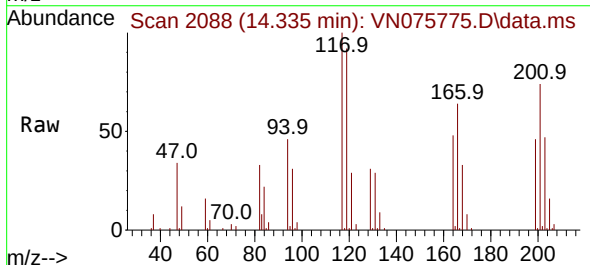
Delta R.T. 0.000 min

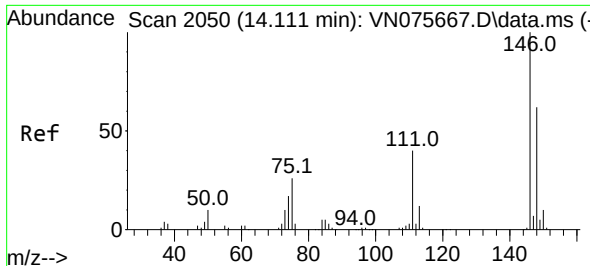
Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Tgt Ion:117 Resp: 46945

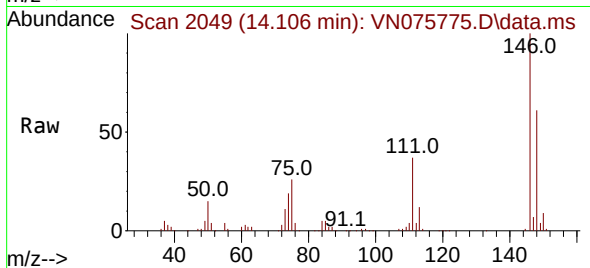
Ion	Ratio	Lower	Upper
117	100		
201	77.5	38.0	114.1





#91
1,2-Dichlorobenzene
Concen: 20.919 ug/l
RT: 14.106 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

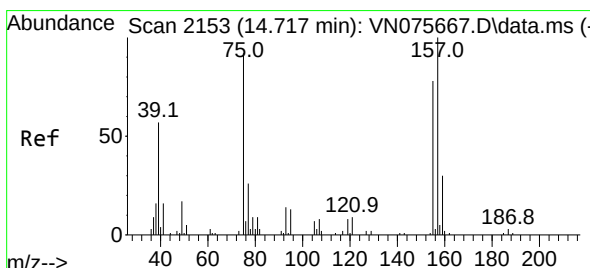
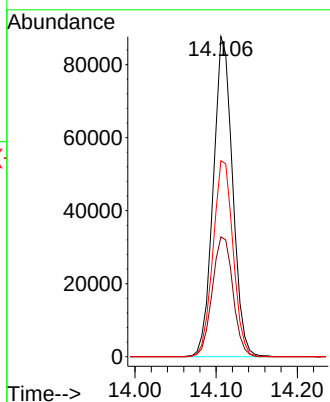
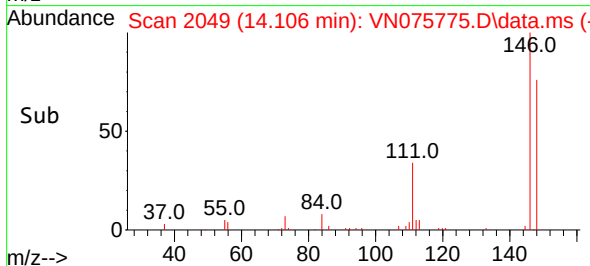
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01



Tgt Ion:146 Resp: 145054
Ion Ratio Lower Upper
146 100
111 39.9 20.3 61.0
148 63.6 31.7 95.1

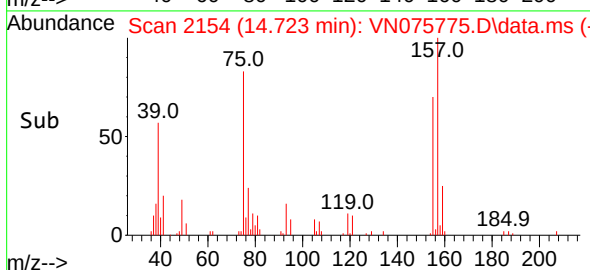
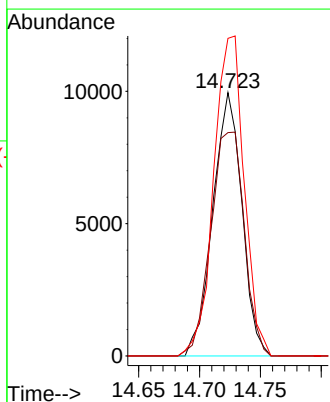
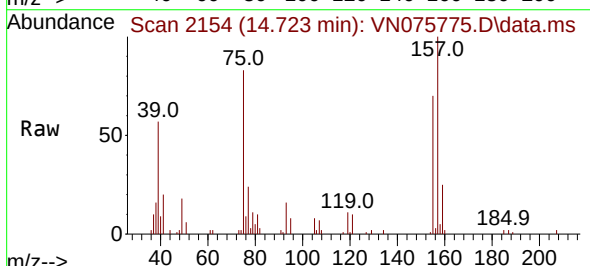
Manual Integrations
APPROVED

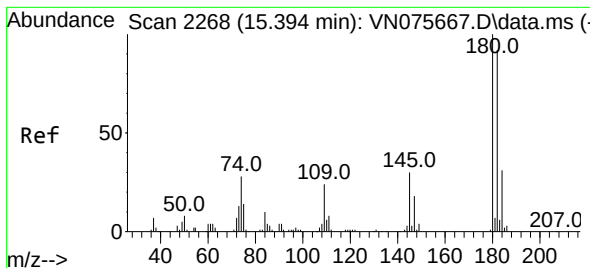
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.009 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Tgt Ion: 75 Resp: 16528
Ion Ratio Lower Upper
75 100
155 97.9 49.3 147.8
157 127.0 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 20.983 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD01

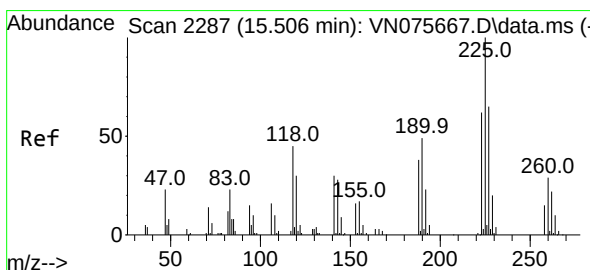
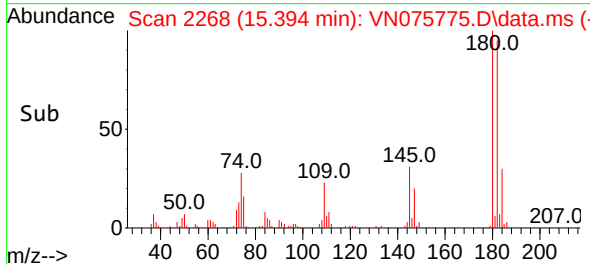
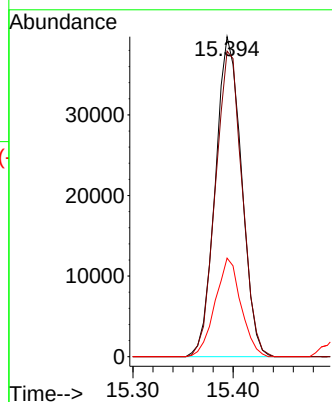
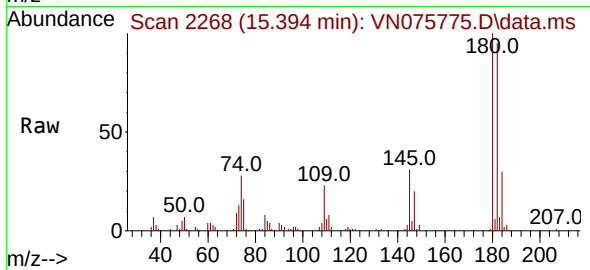
Tgt Ion:180	Resp:	7203
Ion Ratio	Lower	Upper
180	100	
182	96.9	47.5 142.5
145	30.3	15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#94

Hexachlorobutadiene

Concen: 20.719 ug/l

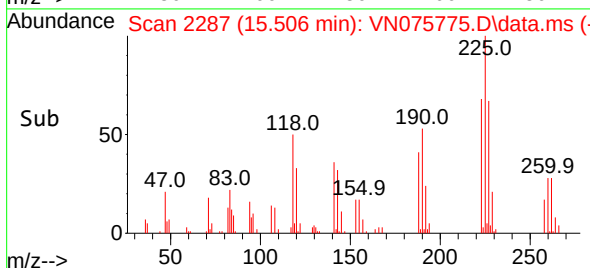
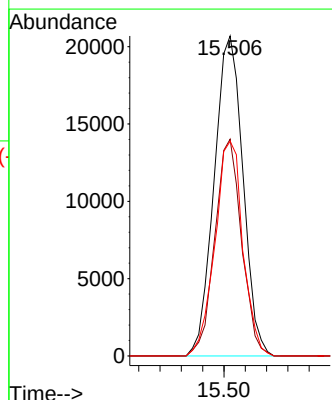
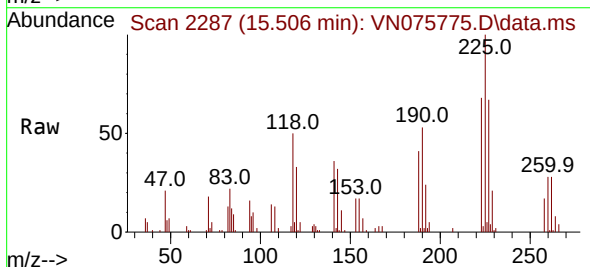
RT: 15.506 min Scan# 2287

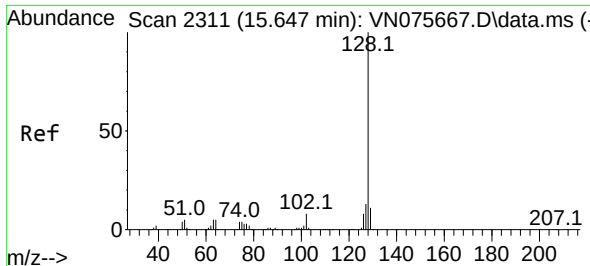
Delta R.T. 0.000 min

Lab File: VN075775.D

Acq: 14 Dec 2022 17:15

Tgt Ion:225	Resp:	38805
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.5 94.5
227	65.1	31.6 95.0





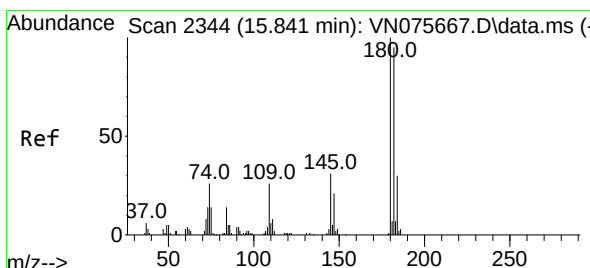
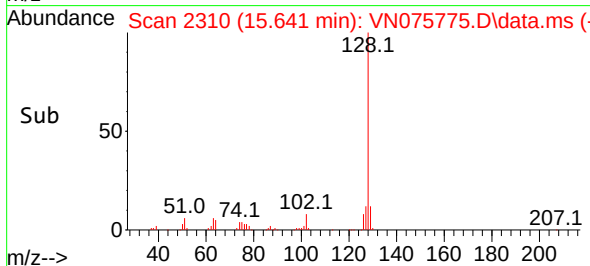
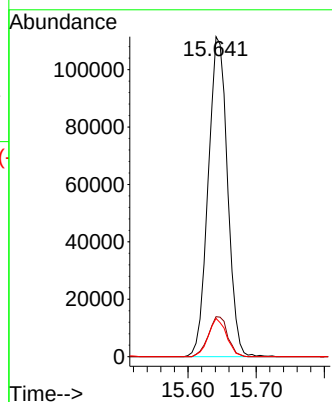
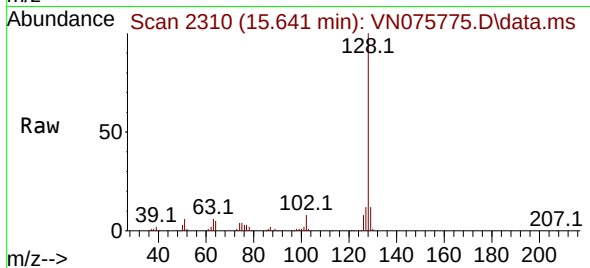
#95
Naphthalene
Concen: 20.668 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. -0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD01

Tgt Ion:128 Resp: 21925
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.701 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075775.D
Acq: 14 Dec 2022 17:15

Tgt Ion:180 Resp: 69631
Ion Ratio Lower Upper
180 100
182 97.2 47.0 141.0
145 31.9 16.0 47.9

