

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075911.D
 Acq On : 21 Dec 2022 11:44
 Operator : JC\MD
 Sample : VN1221WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/22/2022

Quant Time: Dec 21 14:15:18 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	343773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	546503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	483531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	187828	50.222	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.440%			
35) Dibromofluoromethane	8.171	113	173579	51.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	10.571	98	643763	50.874	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.853	95	216321	51.614	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	41513	17.007	ug/l	100
3) Chloromethane	2.371	50	46664	15.374	ug/l	99
4) Vinyl Chloride	2.530	62	59317	16.383	ug/l	97
5) Bromomethane	2.959	94	50694	16.475	ug/l	90
6) Chloroethane	3.130	64	44101	16.449	ug/l	100
7) Trichlorofluoromethane	3.512	101	97416	17.732	ug/l	96
8) Diethyl Ether	3.977	74	37197	18.537	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	57295	18.264	ug/l	98
10) Methyl Iodide	4.606	142	86929	17.075	ug/l	99
11) Tert butyl alcohol	5.536	59	49004	92.601	ug/l	99
12) 1,1-Dichloroethene	4.353	96	53401	17.527	ug/l	97
13) Acrolein	4.189	56	84753	130.635	ug/l	98
14) Allyl chloride	5.036	41	67480	18.946	ug/l	98
15) Acrylonitrile	5.730	53	130873	90.623	ug/l	99
16) Acetone	4.442	43	127875	99.187	ug/l	96
17) Carbon Disulfide	4.724	76	116920	15.849	ug/l	99
18) Methyl Acetate	5.036	43	69927	18.349	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	188173	18.755	ug/l	97
20) Methylene Chloride	5.294	84	63723	18.068	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	57722	17.299	ug/l	91
22) Diisopropyl ether	6.683	45	164971	19.067	ug/l	99
23) Vinyl Acetate	6.612	43	547151	93.953	ug/l	96
24) 1,1-Dichloroethane	6.577	63	105150	18.222	ug/l	98
25) 2-Butanone	7.488	43	172488	95.553	ug/l	95
26) 2,2-Dichloropropane	7.494	77	91792	18.784	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	71744	17.978	ug/l	98
28) Bromochloromethane	7.824	49	43343	17.137	ug/l	97
29) Tetrahydrofuran	7.847	42	107919	95.399	ug/l	99
30) Chloroform	7.971	83	117688	18.114	ug/l	92
31) Cyclohexane	8.259	56	93732	17.500	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	106329	18.460	ug/l	97
36) 1,1-Dichloropropene	8.377	75	80629	17.934	ug/l	98
37) Ethyl Acetate	7.565	43	70879	19.627	ug/l	98
38) Carbon Tetrachloride	8.365	117	91971	18.278	ug/l	97
39) Methylcyclohexane	9.606	83	101704	18.751	ug/l	98
40) Benzene	8.612	78	257033	18.530	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37158	19.795	ug/l	99
42) 1,2-Dichloroethane	8.677	62	85187	18.472	ug/l	99
43) Isopropyl Acetate	8.694	43	114348	19.195	ug/l	99
44) Trichloroethene	9.359	130	69099	17.682	ug/l	100
45) 1,2-Dichloropropane	9.624	63	60240	17.846	ug/l	97
46) Dibromomethane	9.712	93	45476	18.164	ug/l	98
47) Bromodichloromethane	9.888	83	90158	18.363	ug/l	96
48) Methyl methacrylate	9.682	41	53585	19.972	ug/l	99
49) 1,4-Dioxane	9.700	88	25054	379.835	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	351852	97.667	ug/l	100
52) Toluene	10.629	92	170006	18.818	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	89212	18.562	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	100707	19.085	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	66396	18.725	ug/l	96
56) Ethyl methacrylate	10.876	69	89651	19.035	ug/l	96
57) 1,3-Dichloropropane	11.165	76	107838	18.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	147715	98.506	ug/l	99
59) 2-Hexanone	11.200	43	259790	98.883	ug/l	100
60) Dibromochloromethane	11.359	129	75098	19.044	ug/l	97
61) 1,2-Dibromoethane	11.471	107	66275	18.470	ug/l	96
64) Tetrachloroethene	11.106	164	64162	18.857	ug/l	99
65) Chlorobenzene	11.894	112	183640	18.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	69036	18.780	ug/l	98
67) Ethyl Benzene	11.965	91	318587	19.020	ug/l	99
68) m/p-Xylenes	12.070	106	248677	37.510	ug/l	98
69) o-Xylene	12.400	106	124891	19.036	ug/l	100
70) Styrene	12.412	104	199905	19.164	ug/l	98
71) Bromoform	12.582	173	51837	19.380	ug/l #	98
73) Isopropylbenzene	12.700	105	328270	19.653	ug/l	99
74) N-amyl acetate	12.494	43	95212	19.430	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	94699	18.340	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	69571m	14.932	ug/l	
77) Bromobenzene	12.982	156	78860	18.655	ug/l	98
78) n-propylbenzene	13.041	91	364109	19.764	ug/l	99
79) 2-Chlorotoluene	13.129	91	218498	19.000	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	275681	19.720	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	25330	19.569	ug/l	99
82) 4-Chlorotoluene	13.129	91	218498	19.000	ug/l	99
83) tert-Butylbenzene	13.441	119	258171	20.946	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	274563	19.798	ug/l	98
85) sec-Butylbenzene	13.617	105	341472	20.072	ug/l	99
86) p-Isopropyltoluene	13.735	119	285199	20.147	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	143720	18.406	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	142020	17.804	ug/l	98
89) n-Butylbenzene	14.059	91	219512	19.141	ug/l	99
90) Hexachloroethane	14.335	117	48143	19.012	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	145213	18.880	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16646	18.168	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	69345	18.211	ug/l	99
94) Hexachlorobutadiene	15.506	225	40857	19.667	ug/l	98
95) Naphthalene	15.641	128	201395	17.490	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	67568	18.985	ug/l	99

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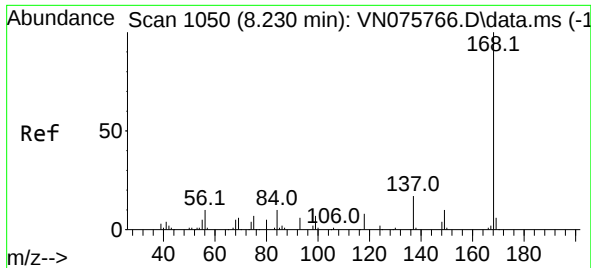
Manual Integrations
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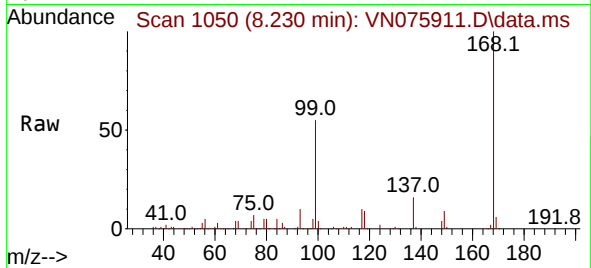
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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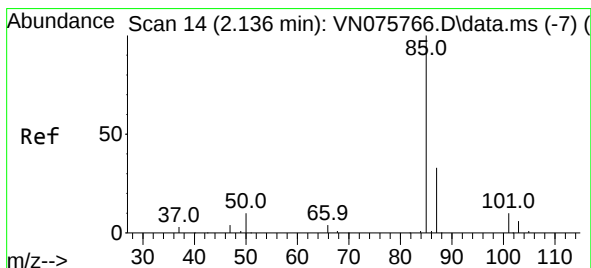
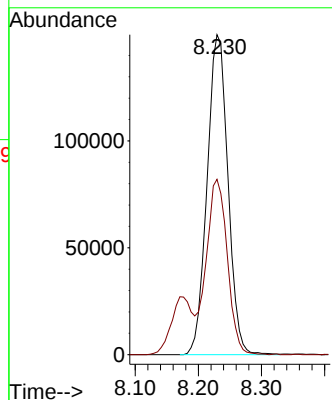
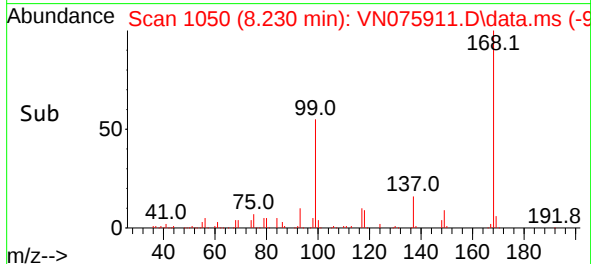
Instrument :
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Tgt Ion:168 Resp: 343773
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4

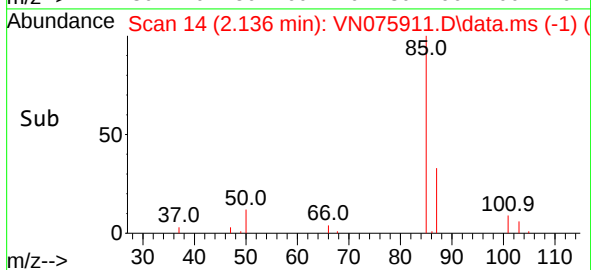
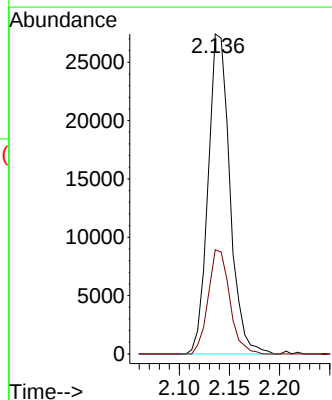
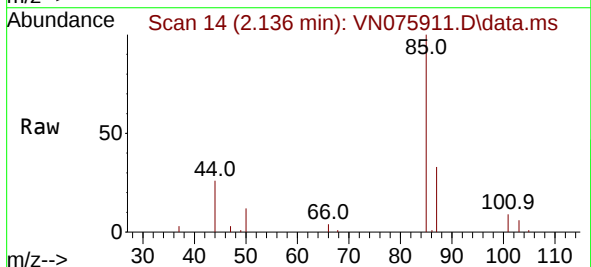
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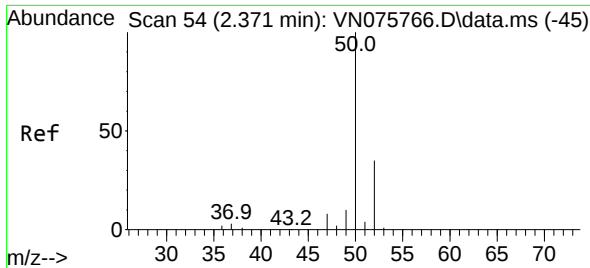
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#2
Dichlorodifluoromethane
Concen: 17.007 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion: 85 Resp: 41513
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





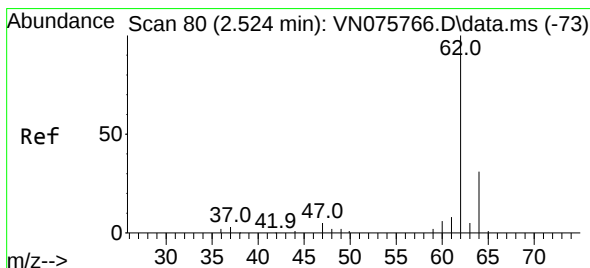
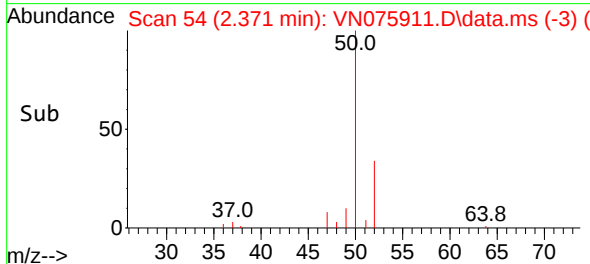
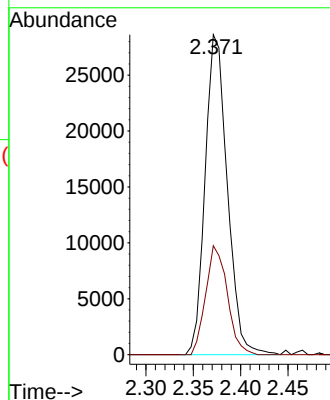
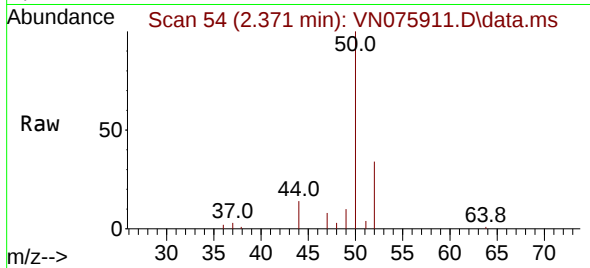
#3
Chloromethane
Concen: 15.374 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075911.D
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Tgt Ion: 50 Resp: 46664
Ion Ratio Lower Upper
50 100
52 34.1 27.7 41.5

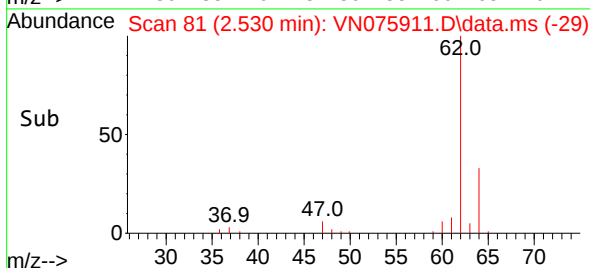
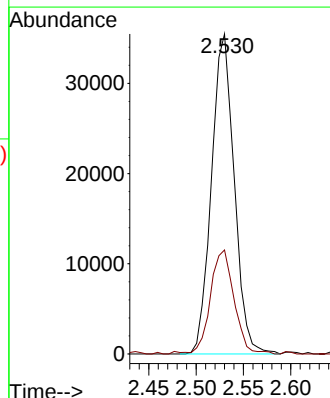
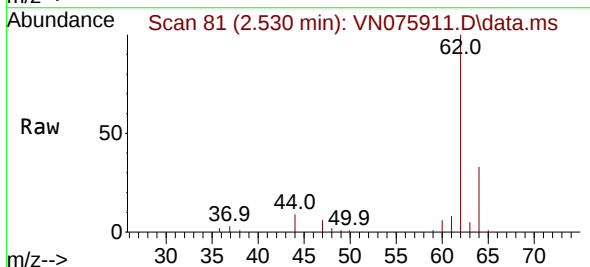
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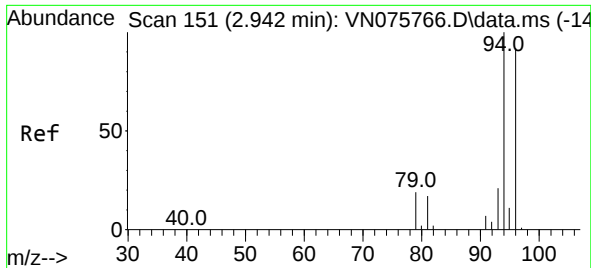
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#4
Vinyl Chloride
Concen: 16.383 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion: 62 Resp: 59317
Ion Ratio Lower Upper
62 100
64 32.5 24.9 37.3





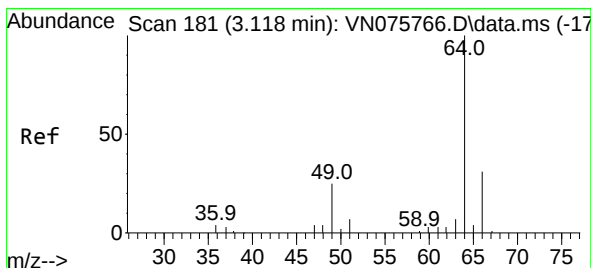
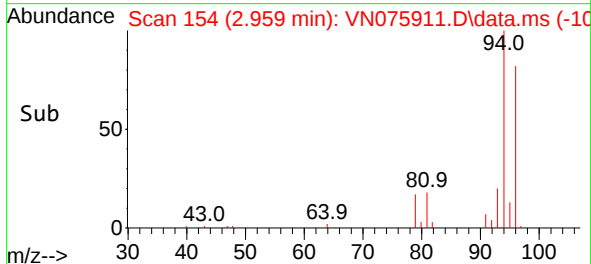
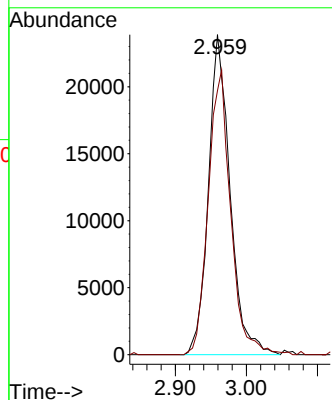
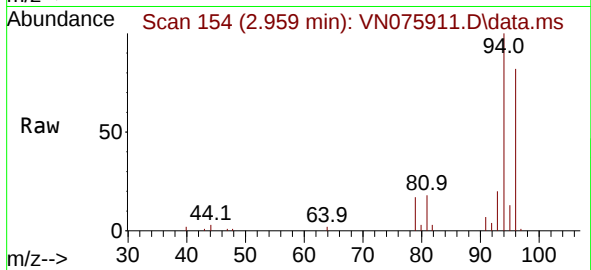
#5
Bromomethane
Concen: 16.475 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075911.D
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Tgt Ion: 94 Resp: 50694
Ion Ratio Lower Upper
94 100
96 82.5 73.8 110.6

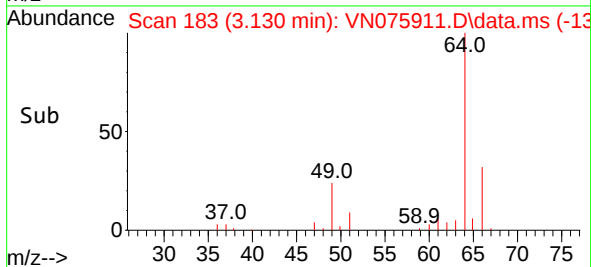
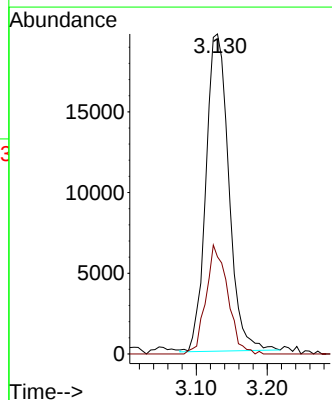
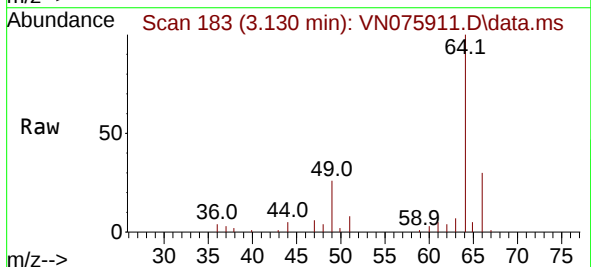
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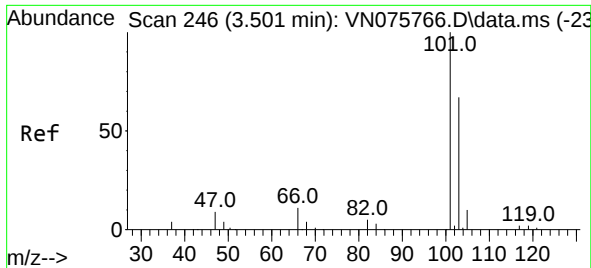
Reviewed By :John Carlone 12/21/2022
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#6
Chloroethane
Concen: 16.449 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075911.D
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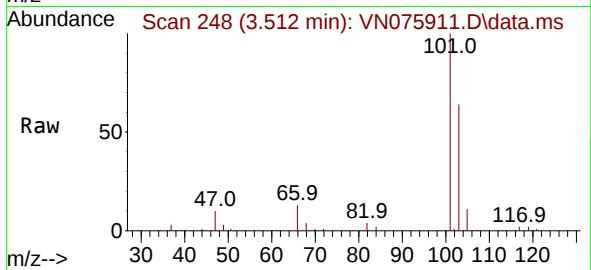
Tgt Ion: 64 Resp: 44101
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 17.732 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075911.D
 Acq: 21 Dec 2022 11:44

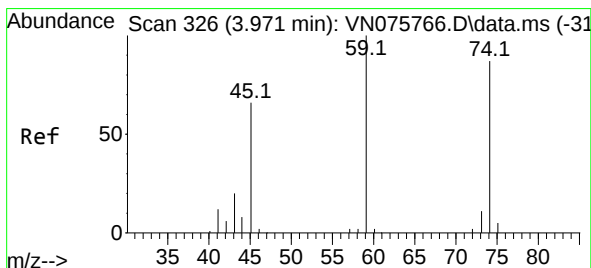
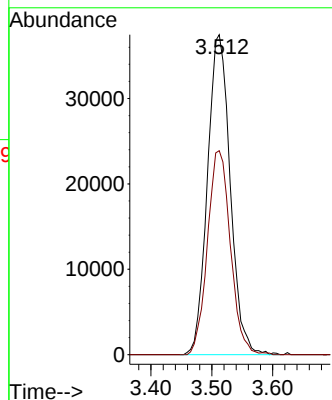
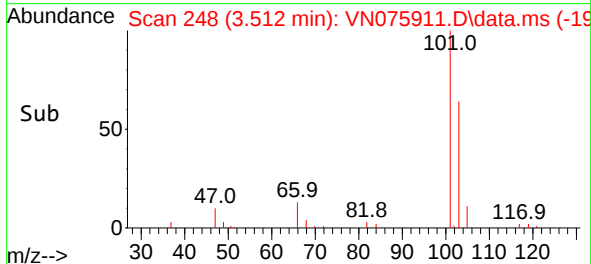
Instrument :
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Tgt Ion:101 Resp: 97410
 Ion Ratio Lower Upper
 101 100
 103 63.7 53.4 80.2

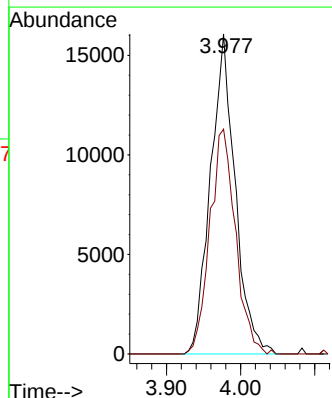
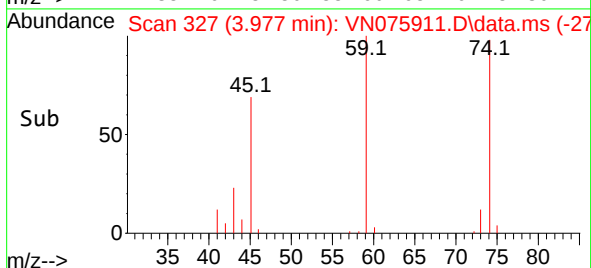
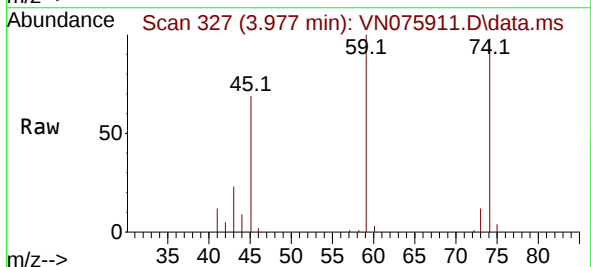
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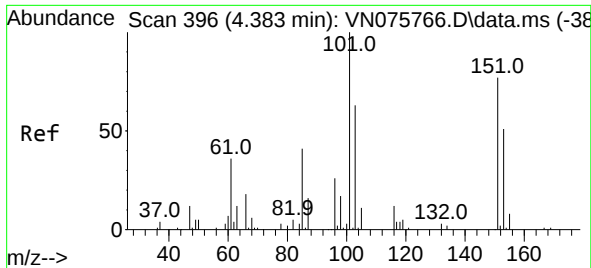
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#8
 Diethyl Ether
 Concen: 18.537 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 37197
 Ion Ratio Lower Upper
 74 100
 45 73.1 37.8 113.4





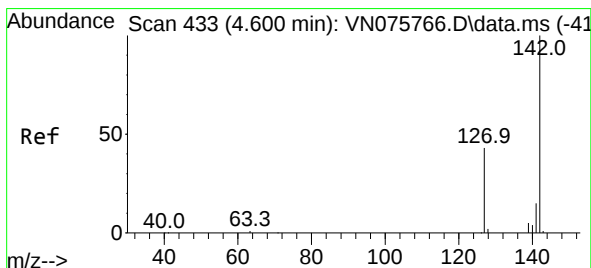
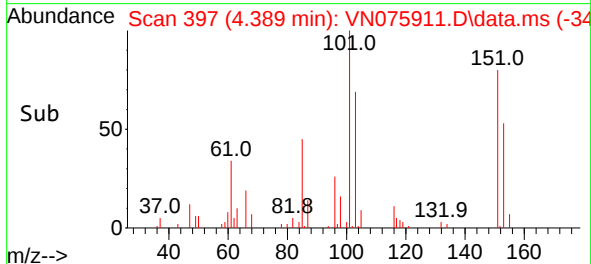
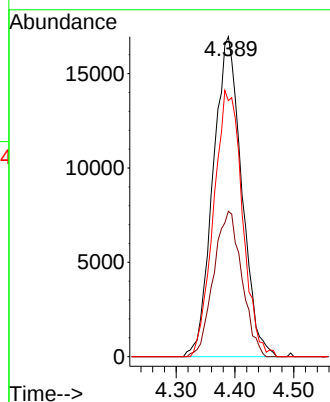
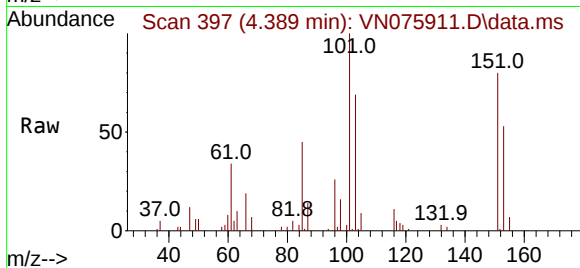
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.264 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:101 Resp: 5729
Ion Ratio Lower Upper
101 100
85 44.9 35.3 52.9
151 83.7 65.6 98.4

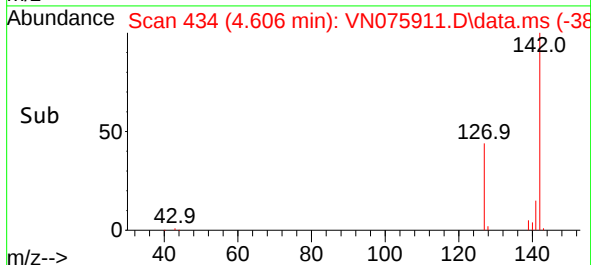
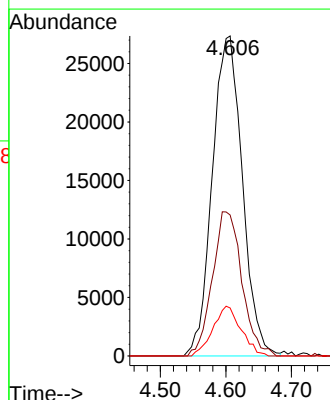
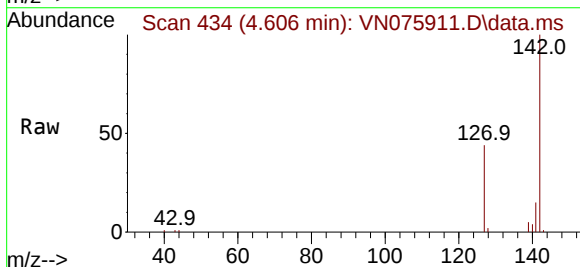
Manual Integrations
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Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#10
Methyl Iodide
Concen: 17.075 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

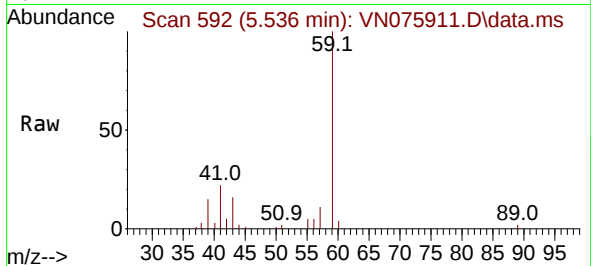
Tgt Ion:142 Resp: 86929
Ion Ratio Lower Upper
142 100
127 44.3 34.7 52.1
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 92.601 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

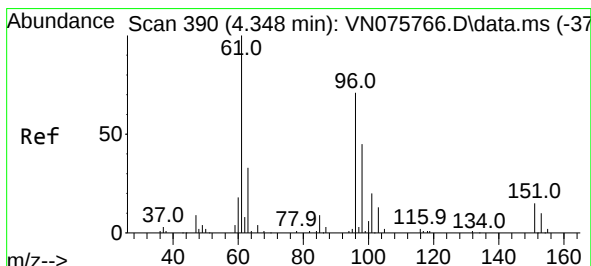
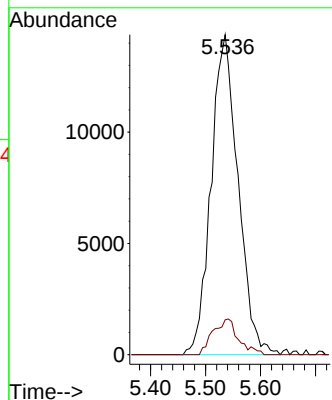
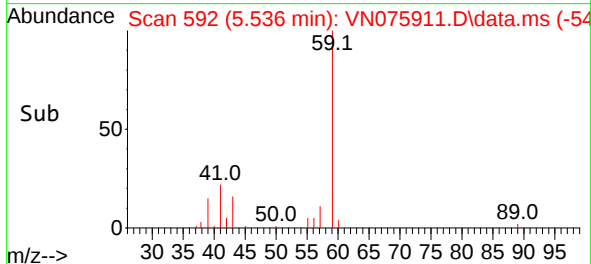
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



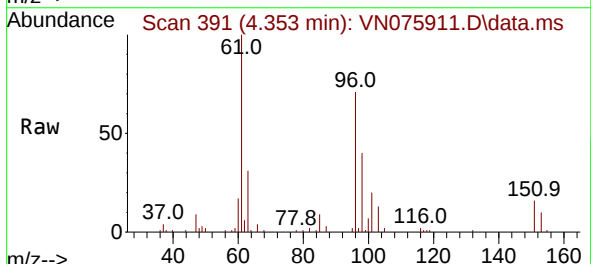
Tgt Ion: 59 Resp: 49004
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
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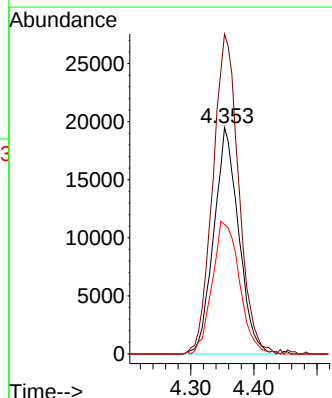
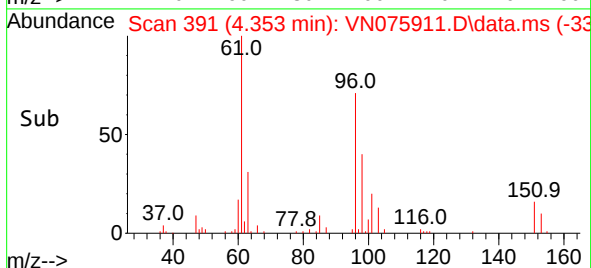
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#12
1,1-Dichloroethene
Concen: 17.527 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44



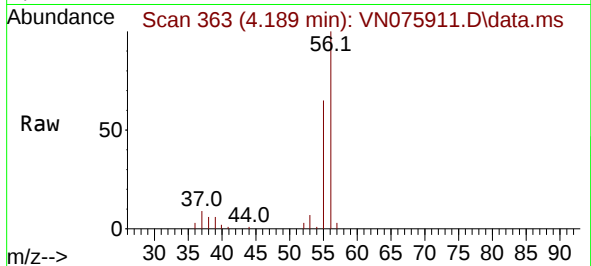
Tgt Ion: 96 Resp: 53401
Ion Ratio Lower Upper
96 100
61 141.3 113.3 169.9
98 57.2 50.9 76.3





#13
Acrolein
Concen: 130.635 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

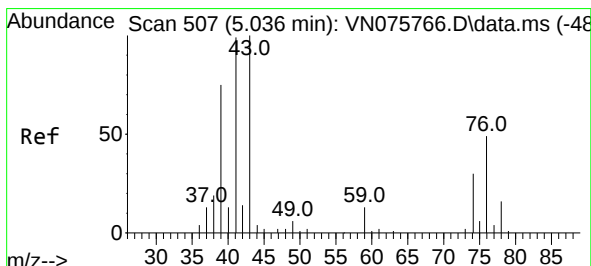
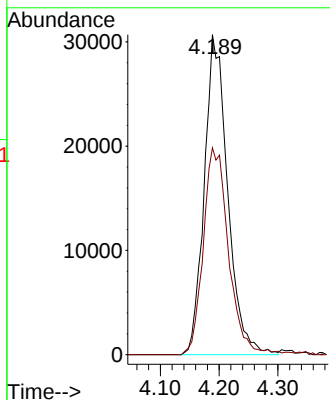
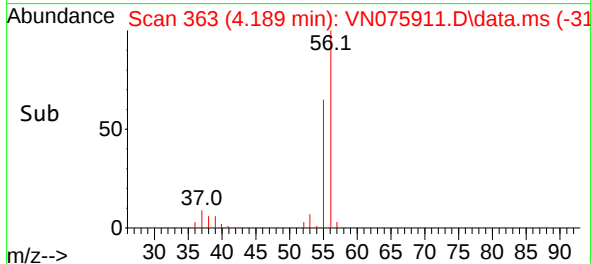
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



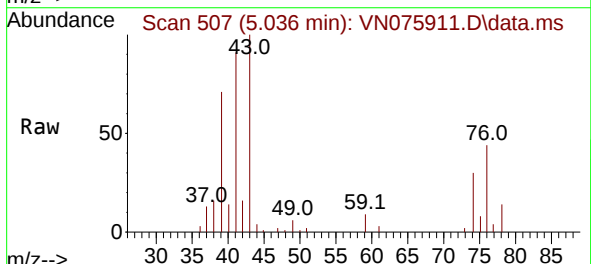
Tgt Ion: 56 Resp: 8475
Ion Ratio Lower Upper
56 100
55 69.9 54.8 82.2

Manual Integrations
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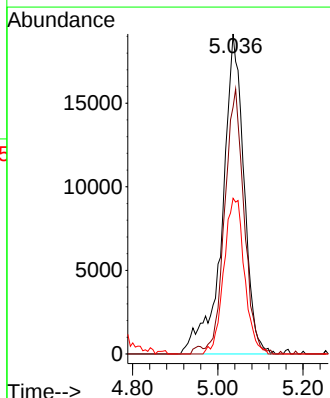
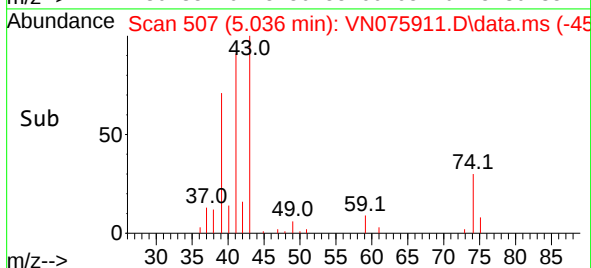
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

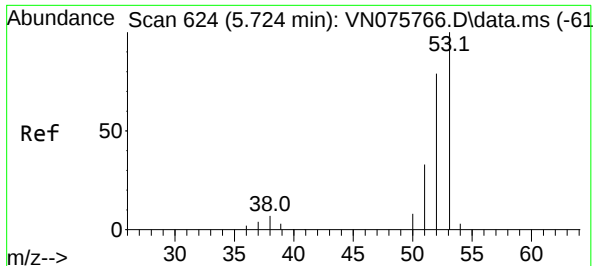


#14
Allyl chloride
Concen: 18.946 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44



Tgt Ion: 41 Resp: 67480
Ion Ratio Lower Upper
41 100
39 73.9 58.3 87.5
76 46.4 35.8 53.6





#15

Acrylonitrile

Concen: 90.623 ug/l

RT: 5.730 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

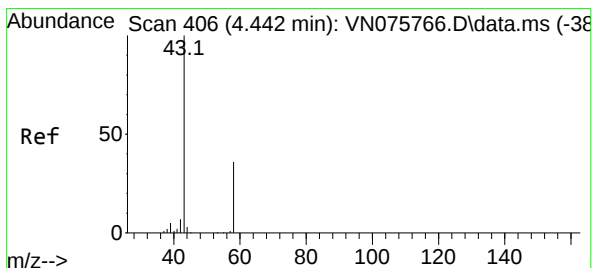
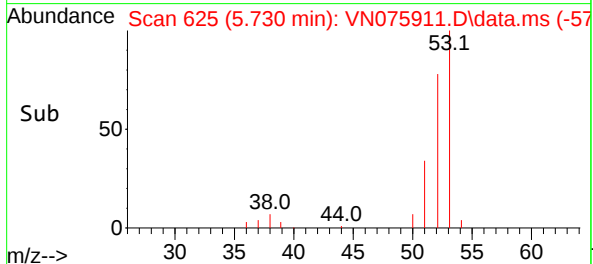
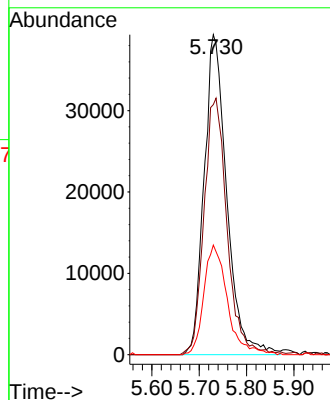
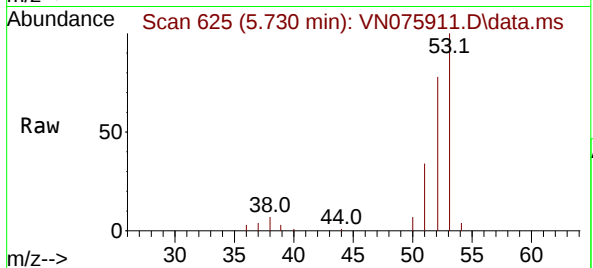
Tgt Ion: 53 Resp: 130875
 Ion Ratio Lower Upper
 53 100
 52 81.3 65.4 98.0
 51 35.6 28.9 43.3

Manual Integrations

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Supervised By :Mahesh Dadoda 12/22/2022



#16

Acetone

Concen: 99.187 ug/l

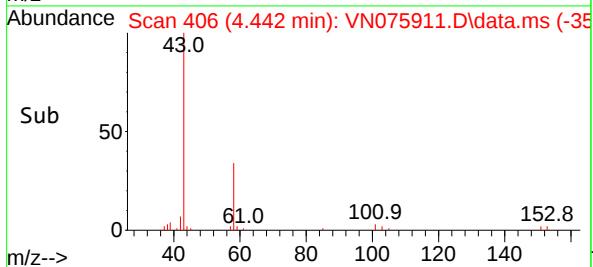
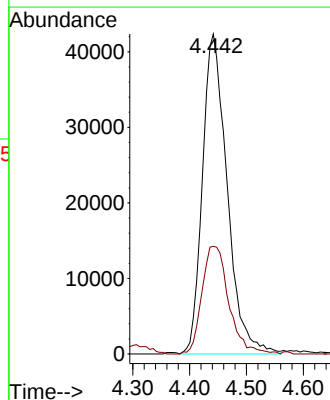
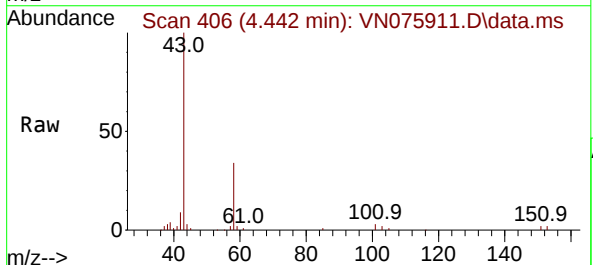
RT: 4.442 min Scan# 406

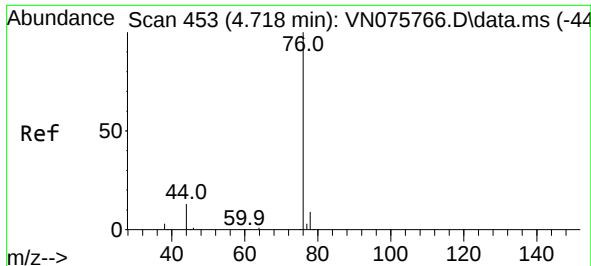
Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Tgt Ion: 43 Resp: 127875
 Ion Ratio Lower Upper
 43 100
 58 33.6 28.6 43.0





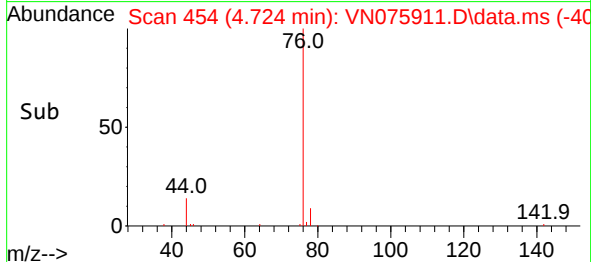
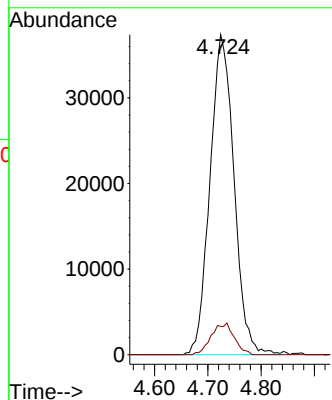
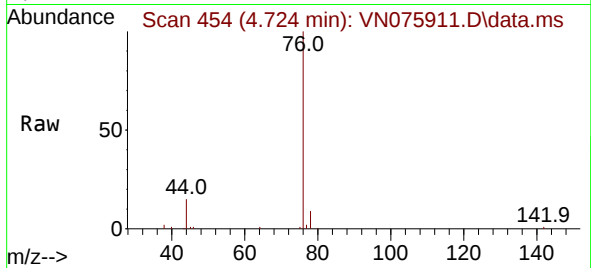
#17
Carbon Disulfide
Concen: 15.849 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 76 Resp: 116920
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

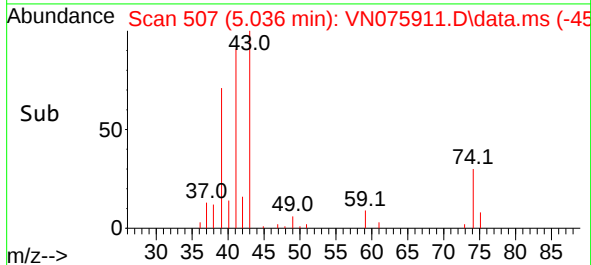
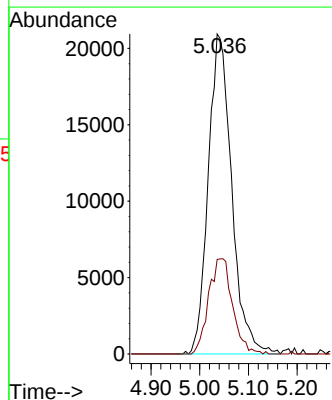
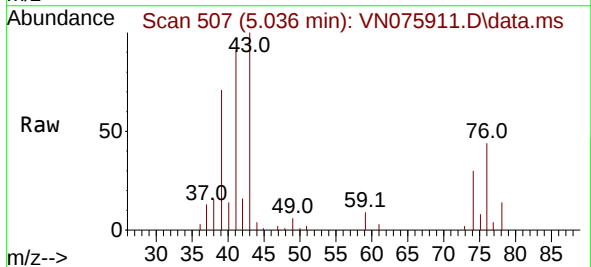
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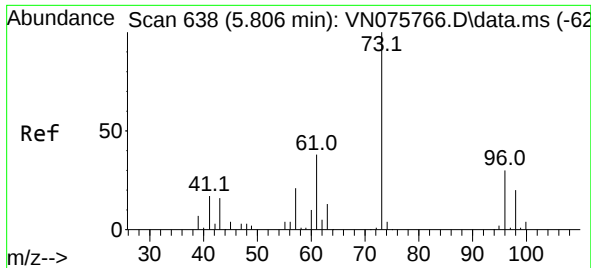
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#18
Methyl Acetate
Concen: 18.349 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion: 43 Resp: 69927
Ion Ratio Lower Upper
43 100
74 30.4 23.6 35.4





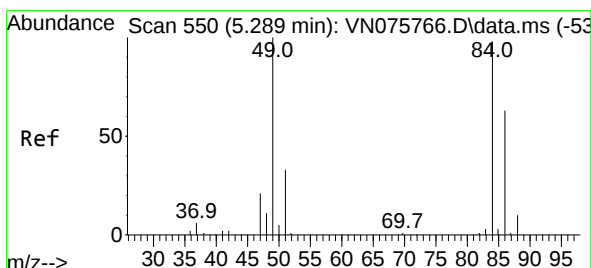
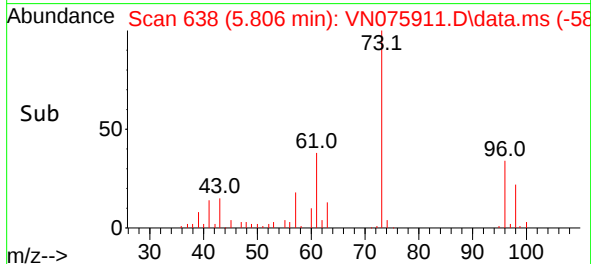
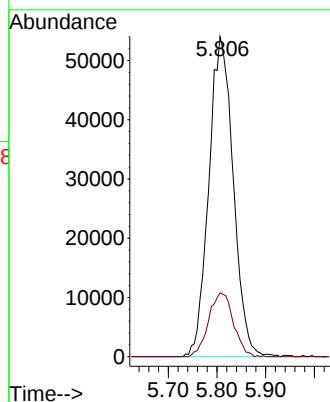
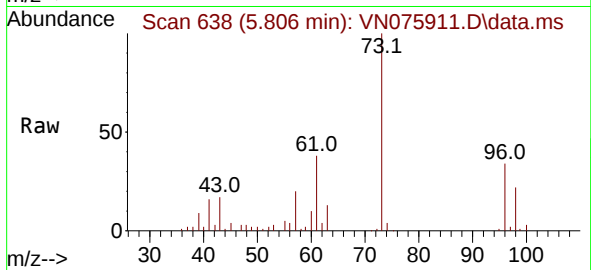
#19
Methyl tert-butyl Ether
Concen: 18.755 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 73 Resp: 18817
Ion Ratio Lower Upper
73 100
57 19.9 17.1 25.7

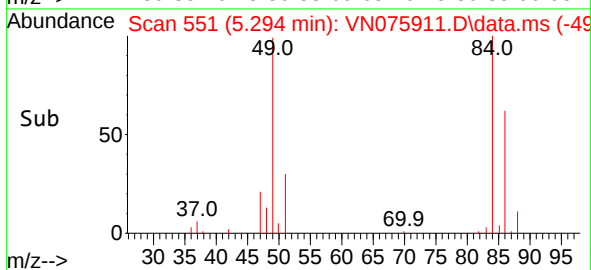
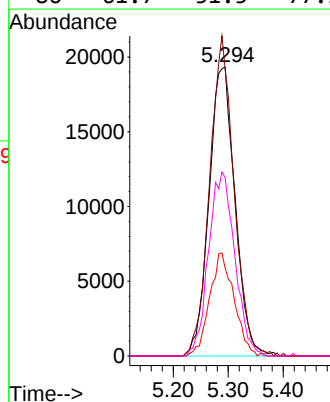
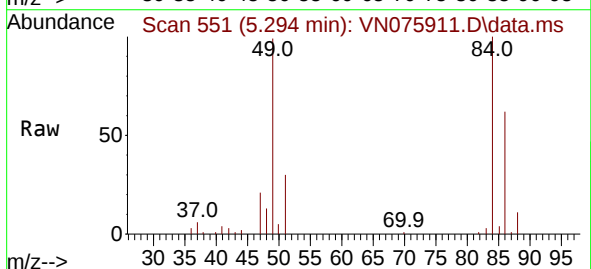
Manual Integrations
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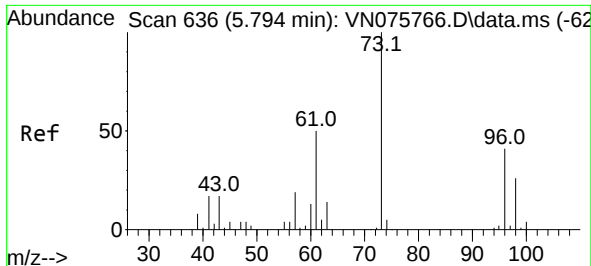
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#20
Methylene Chloride
Concen: 18.068 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion: 84 Resp: 63723
Ion Ratio Lower Upper
84 100
49 99.2 81.8 122.6
51 30.3 26.7 40.1
86 61.7 51.5 77.3





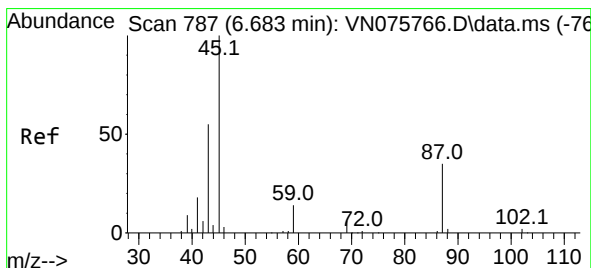
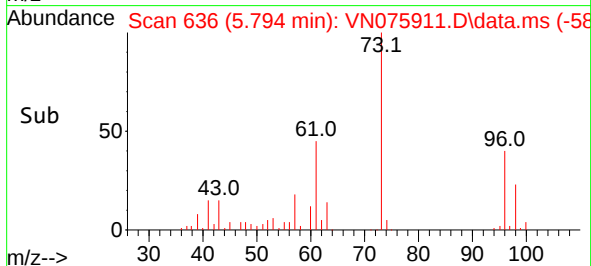
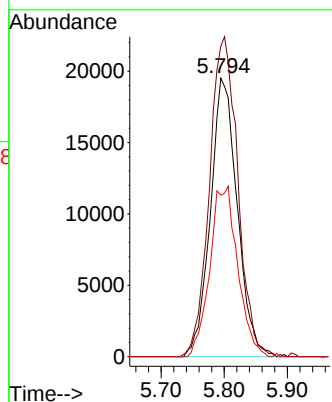
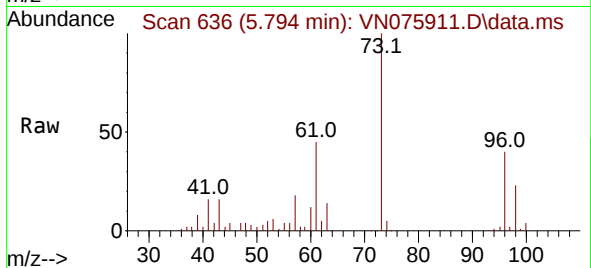
#21
trans-1,2-Dichloroethene
Concen: 17.299 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 96 Resp: 5772
Ion Ratio Lower Upper
96 100
61 111.6 98.1 147.1
98 58.0 51.4 77.2

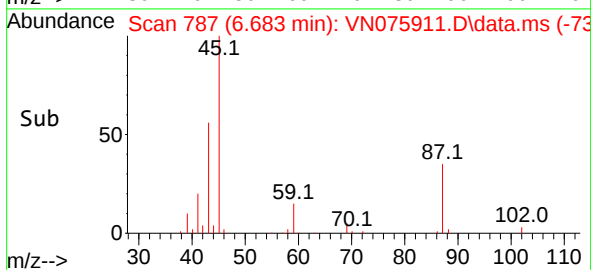
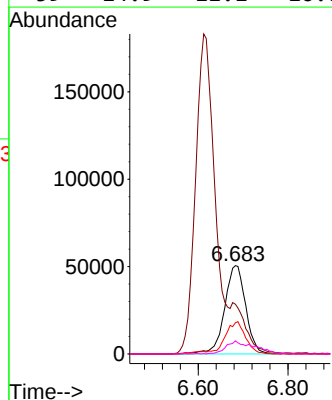
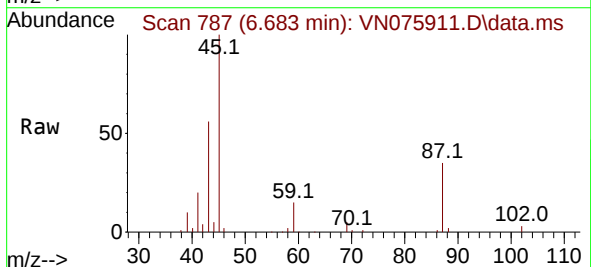
Manual Integrations
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Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#22
Diisopropyl ether
Concen: 19.067 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion: 45 Resp: 164971
Ion Ratio Lower Upper
45 100
43 55.2 44.2 66.4
87 35.3 28.3 42.5
59 14.9 11.1 16.7





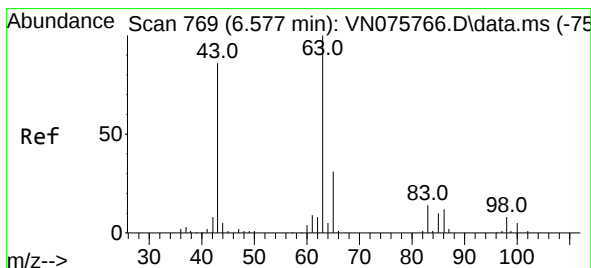
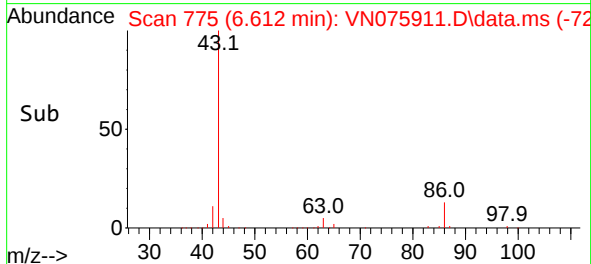
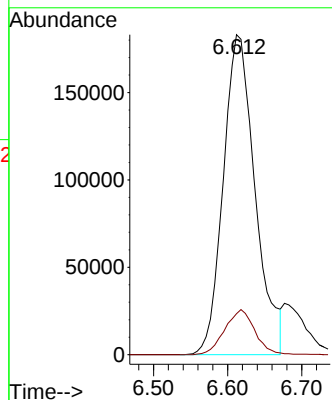
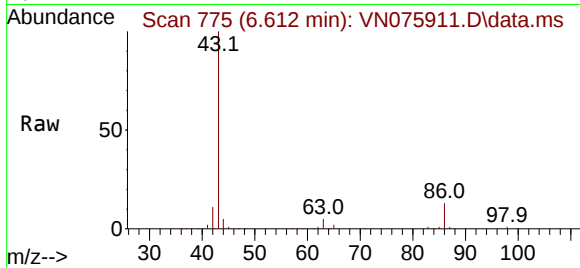
#23
 Vinyl Acetate
 Concen: 93.953 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075911.D
 Acq: 21 Dec 2022 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01

Tgt Ion: 43 Resp: 54715
 Ion Ratio Lower Upper
 43 100
 86 12.8 11.4 17.2

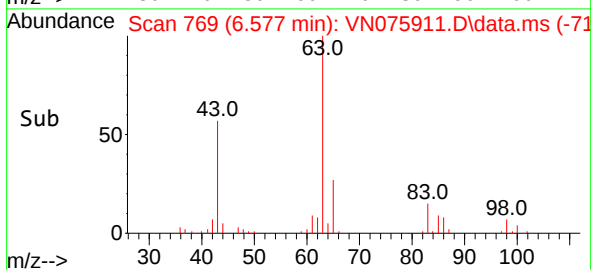
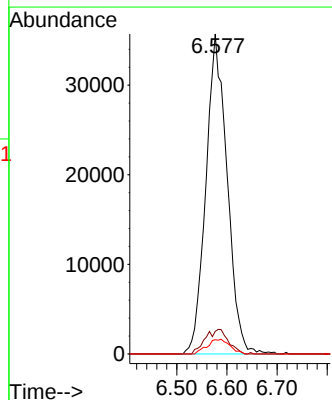
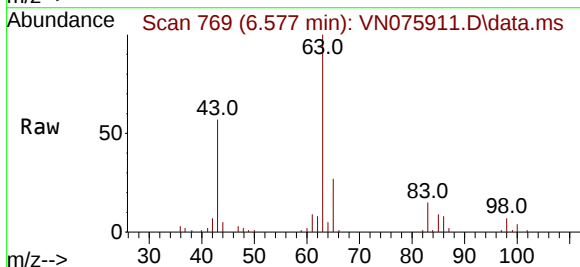
Manual Integrations
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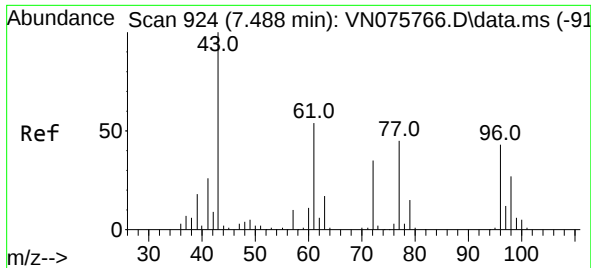
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#24
 1,1-Dichloroethane
 Concen: 18.222 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075911.D
 Acq: 21 Dec 2022 11:44

Tgt Ion: 63 Resp: 105150
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 4.4 2.5 7.6





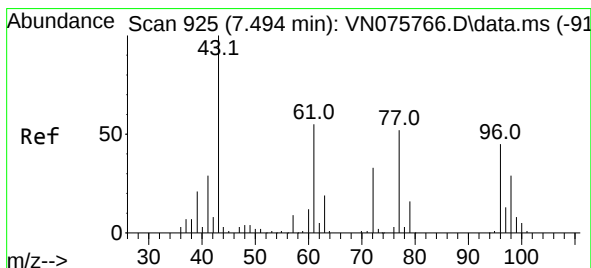
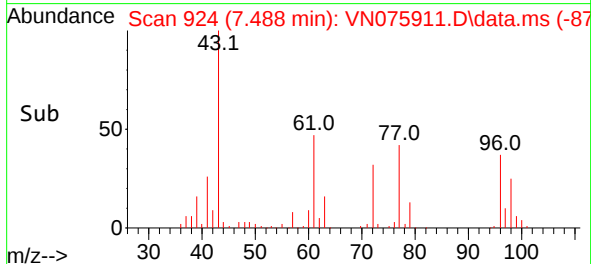
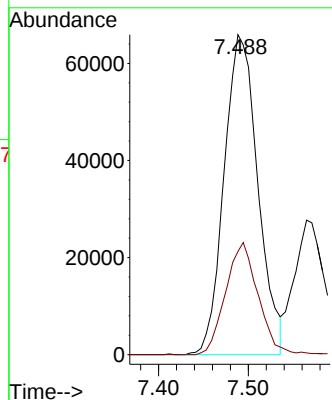
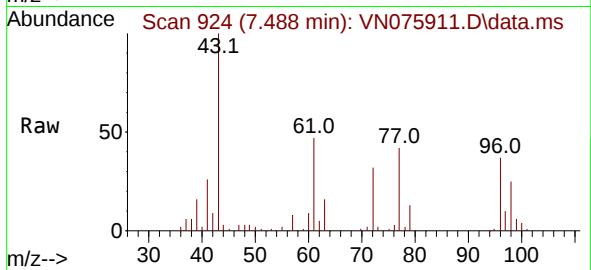
#25
2-Butanone
Concen: 95.553 ug/l
RT: 7.488 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 43 Resp: 172488
Ion Ratio Lower Upper
43 100
72 32.3 28.0 42.0

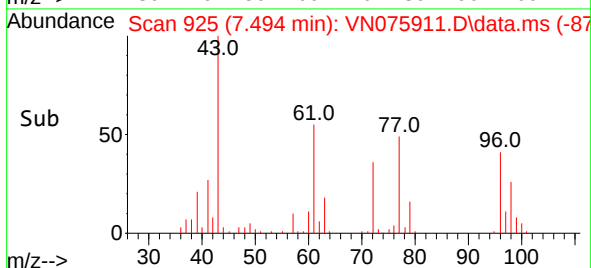
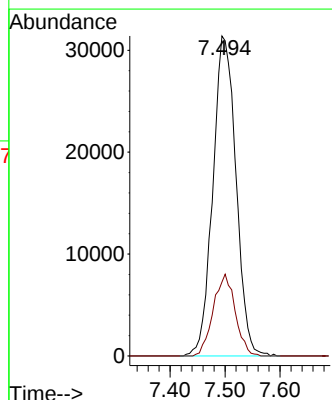
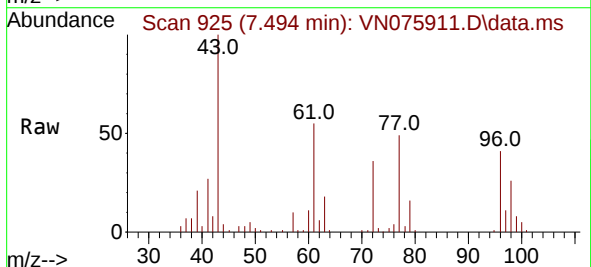
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/22/2022



#26
2,2-Dichloropropane
Concen: 18.784 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion: 77 Resp: 91792
Ion Ratio Lower Upper
77 100
97 24.2 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 17.978 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 96 Resp: 71744

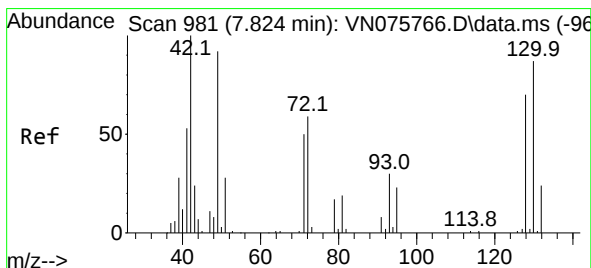
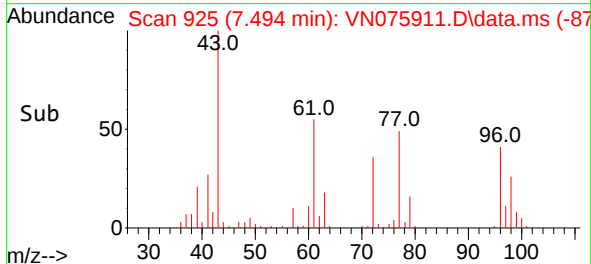
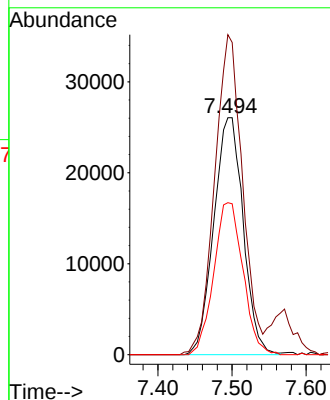
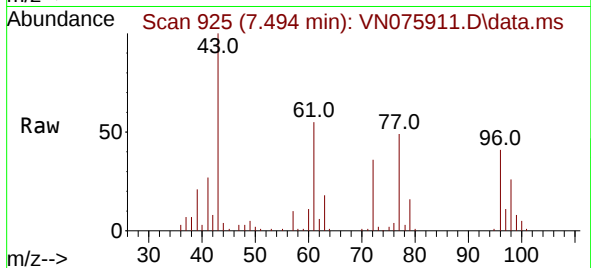
Ion	Ratio	Lower	Upper
96	100		
61	127.8	0.0	247.8
98	63.7	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#28

Bromochloromethane

Concen: 17.137 ug/l

RT: 7.824 min Scan# 981

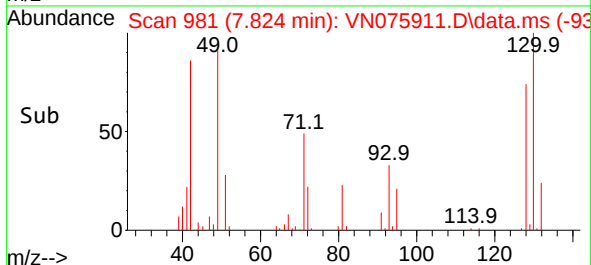
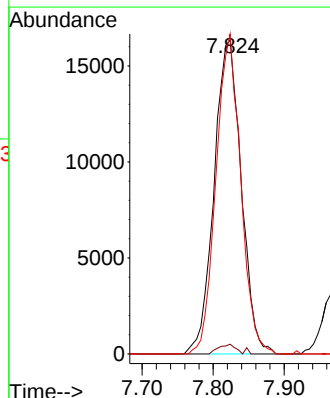
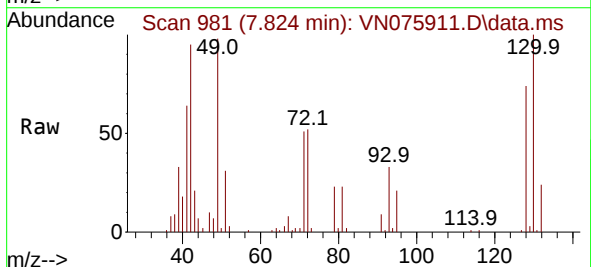
Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Tgt Ion: 49 Resp: 43343

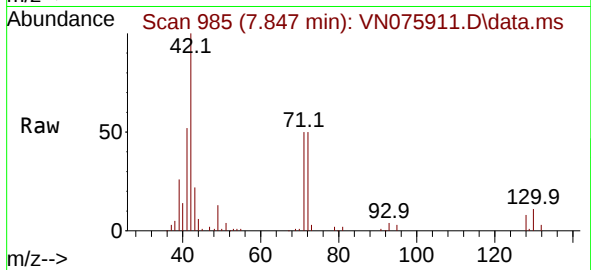
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.0
130	92.8	77.0	115.4





#29
Tetrahydrofuran
Concen: 95.399 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

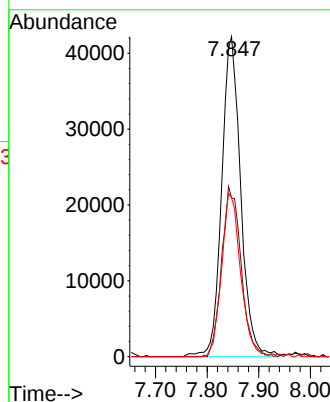
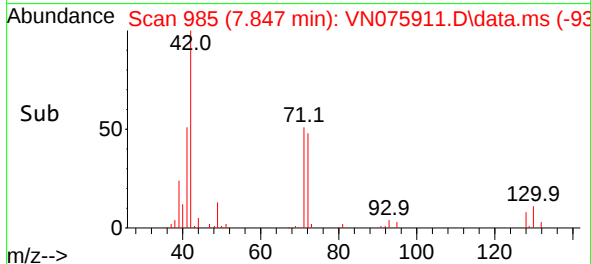
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



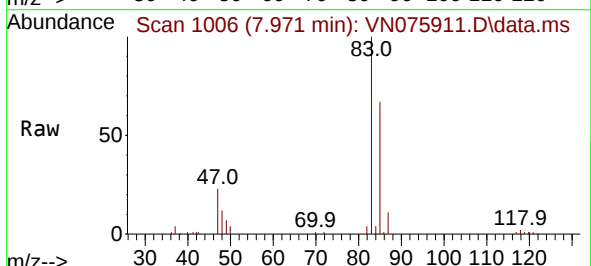
Tgt Ion: 42 Resp: 107919
Ion Ratio Lower Upper
42 100
72 54.1 44.5 66.7
71 51.0 41.0 61.6

Manual Integrations
APPROVED

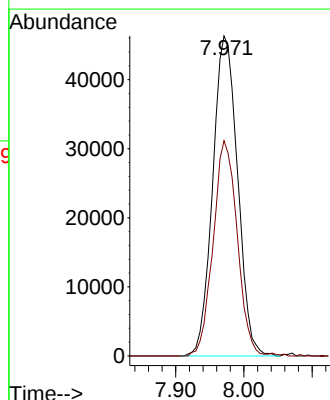
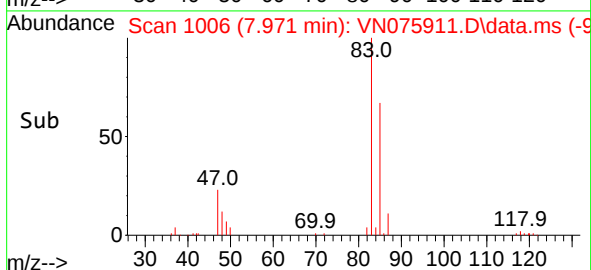
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

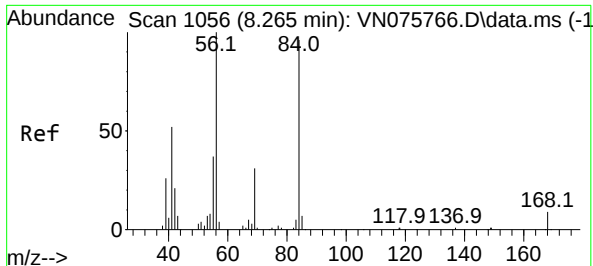


#30
Chloroform
Concen: 18.114 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44



Tgt Ion: 83 Resp: 117688
Ion Ratio Lower Upper
83 100
85 67.3 49.1 73.7





#31

Cyclohexane

Concen: 17.500 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 56 Resp: 93732

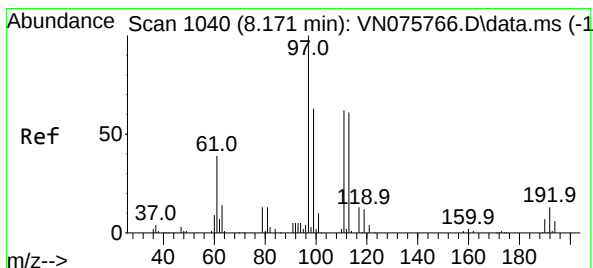
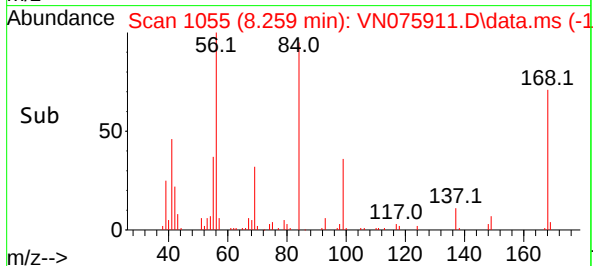
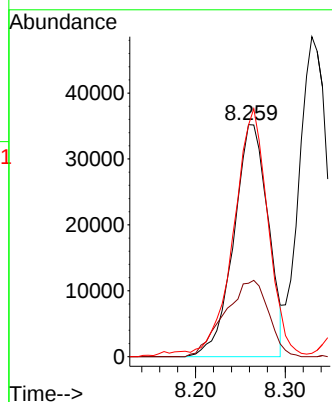
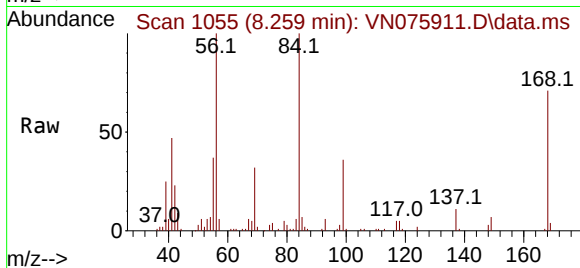
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.7	37.1
84	97.7	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#32

1,1,1-Trichloroethane

Concen: 18.460 ug/l

RT: 8.177 min Scan# 1041

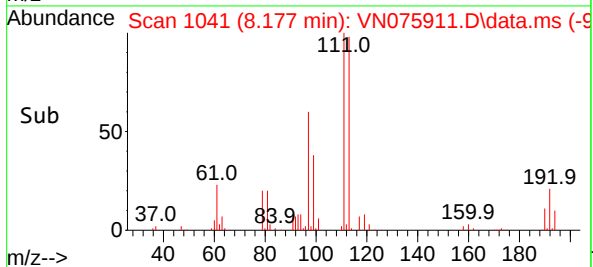
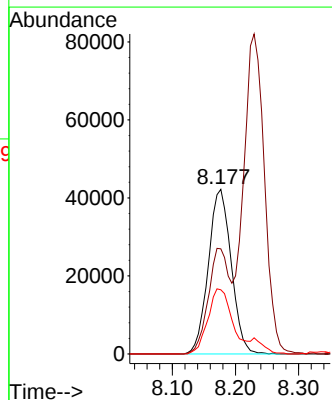
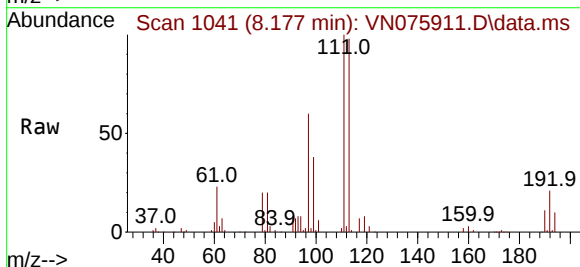
Delta R.T. 0.006 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Tgt Ion: 97 Resp: 106329

Ion	Ratio	Lower	Upper
97	100		
99	59.5	50.2	75.2
61	43.0	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 50.222 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 65 Resp: 187828

Ion Ratio Lower Upper

65 100

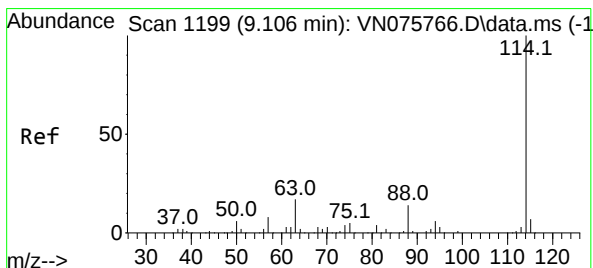
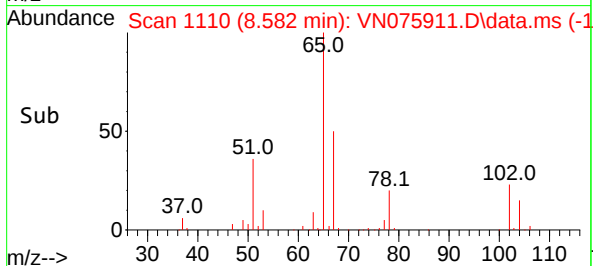
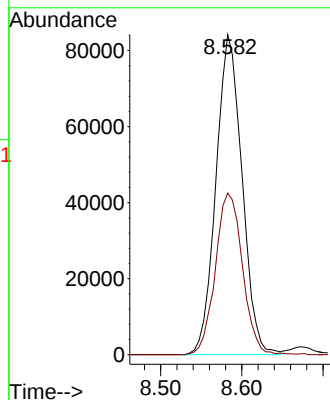
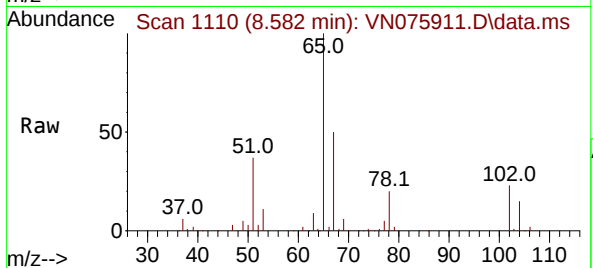
67 52.6 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

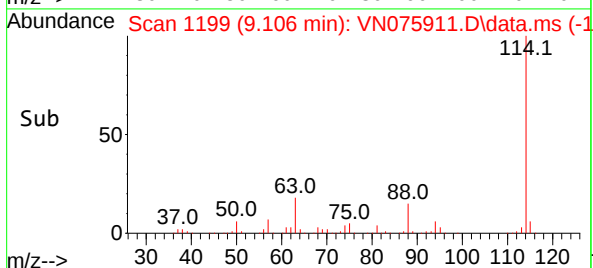
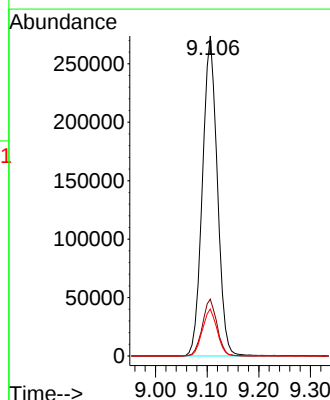
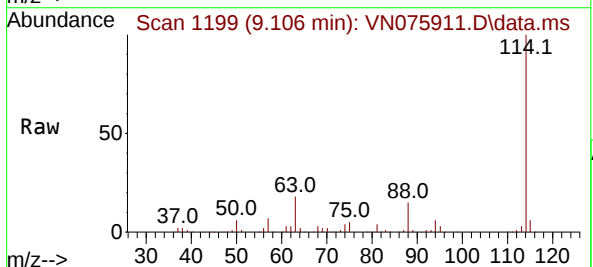
Tgt Ion:114 Resp: 546503

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

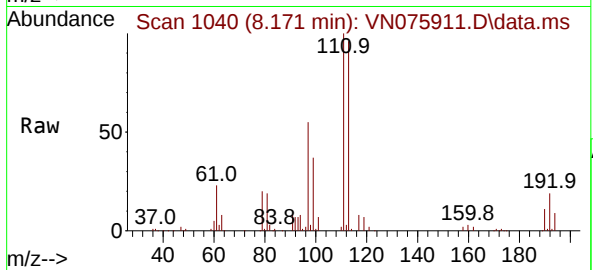
88 14.7 0.0 28.8





#35
Dibromofluoromethane
Concen: 51.288 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

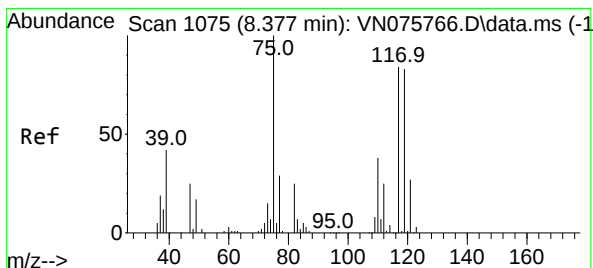
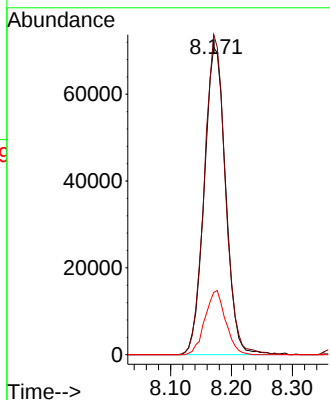
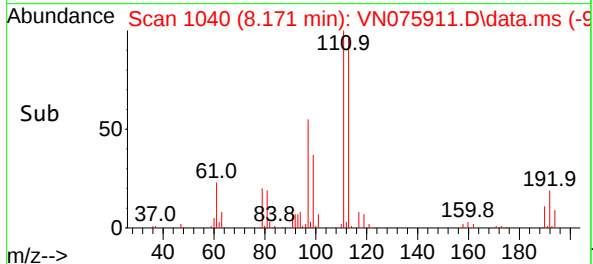
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion:113 Resp: 173579
Ion Ratio Lower Upper
113 100
111 101.8 83.4 125.2
192 20.0 16.1 24.1

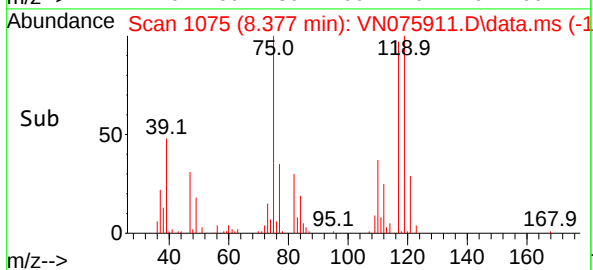
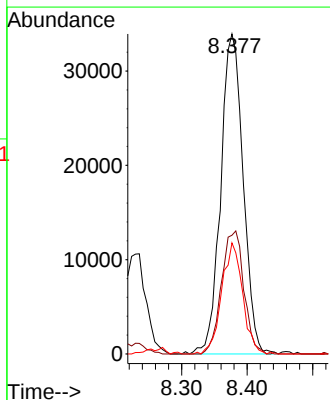
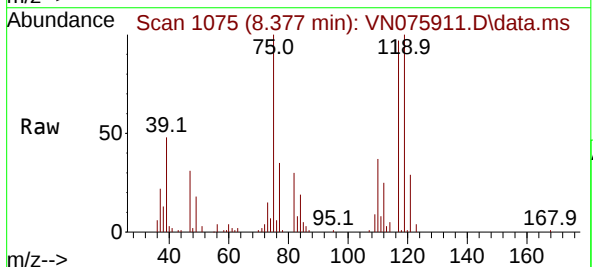
Manual Integrations
APPROVED

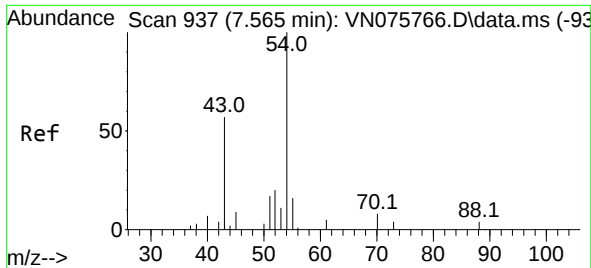
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#36
1,1-Dichloropropene
Concen: 17.934 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion: 75 Resp: 80629
Ion Ratio Lower Upper
75 100
110 38.3 18.8 56.4
77 32.3 24.1 36.1





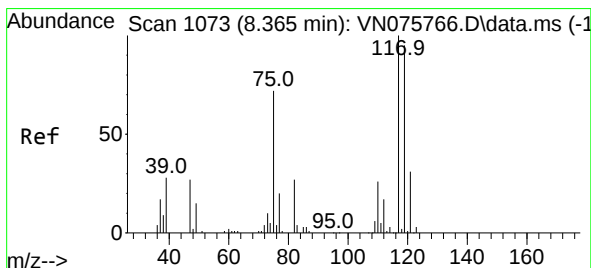
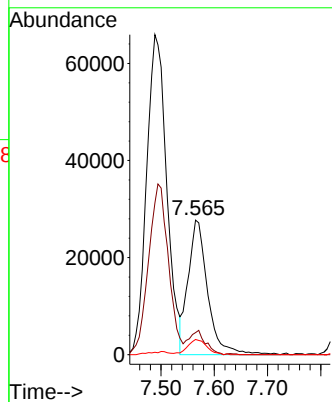
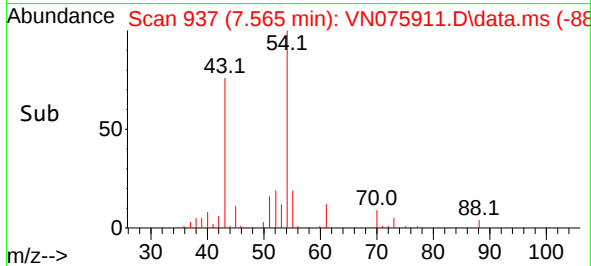
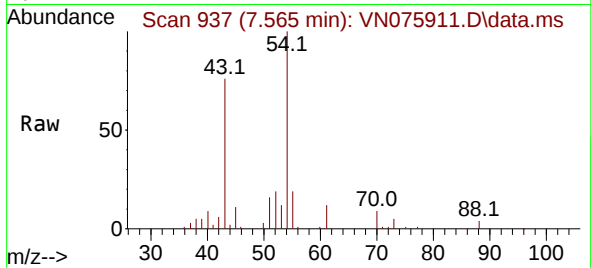
#37
Ethyl Acetate
Concen: 19.627 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 43 Resp: 70879
Ion Ratio Lower Upper
43 100
61 15.3 13.0 19.4
70 11.0 9.4 14.0

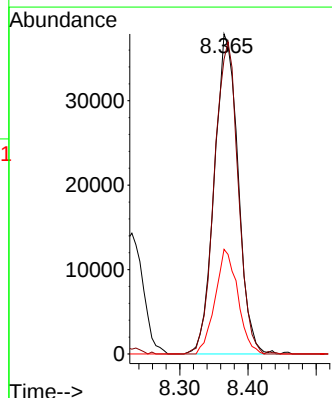
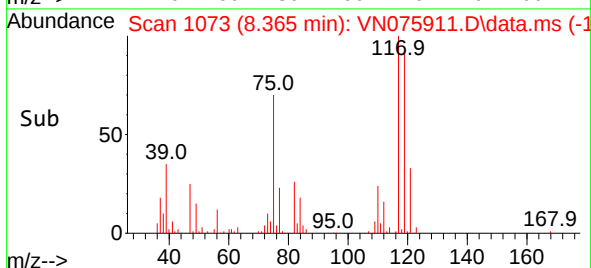
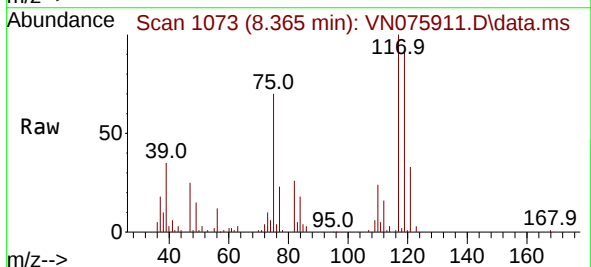
Manual Integrations
APPROVED

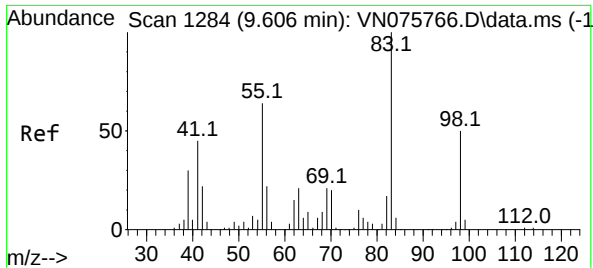
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#38
Carbon Tetrachloride
Concen: 18.278 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

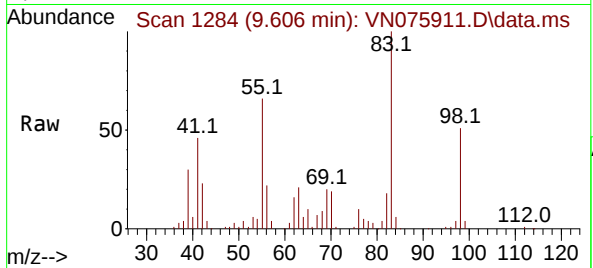
Tgt Ion:117 Resp: 91971
Ion Ratio Lower Upper
117 100
119 92.1 76.1 114.1
121 32.7 24.5 36.7





#39
Methylcyclohexane
Concen: 18.751 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

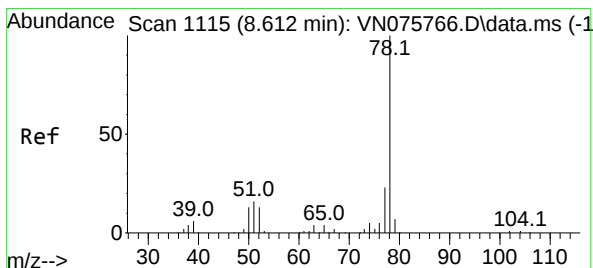
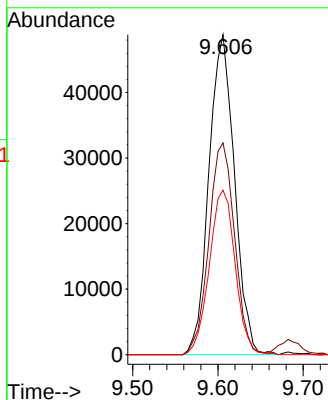
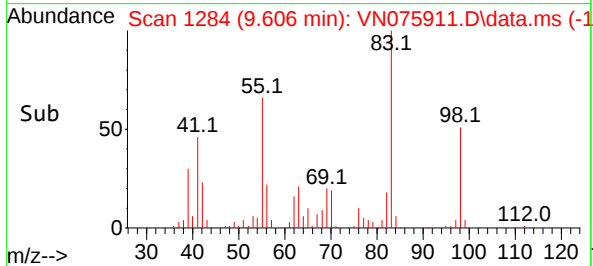
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 83 Resp: 101704
Ion Ratio Lower Upper
83 100
55 66.2 51.4 77.0
98 51.4 39.8 59.8

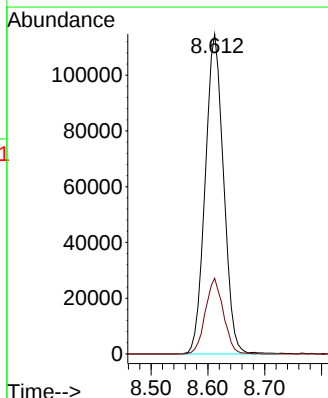
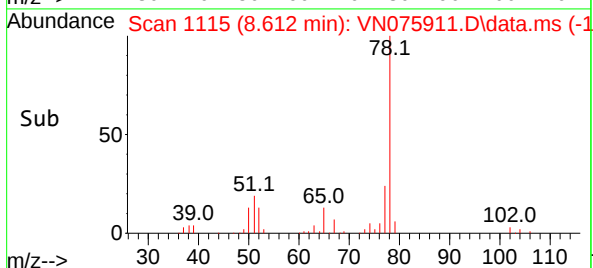
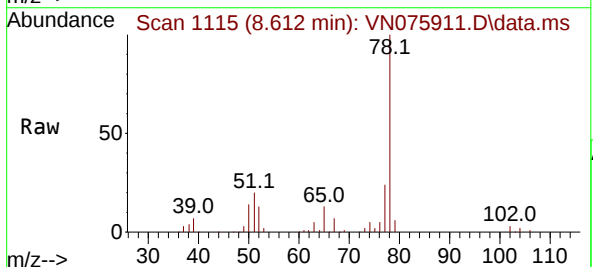
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#40
Benzene
Concen: 18.530 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion: 78 Resp: 257033
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7





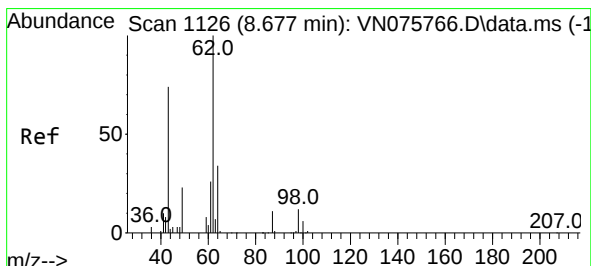
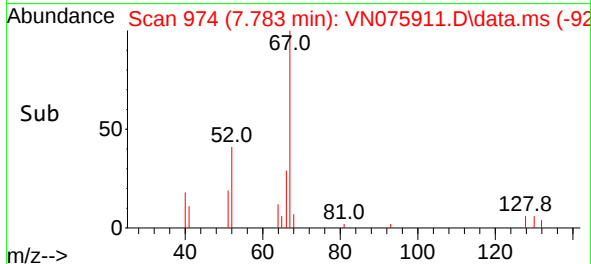
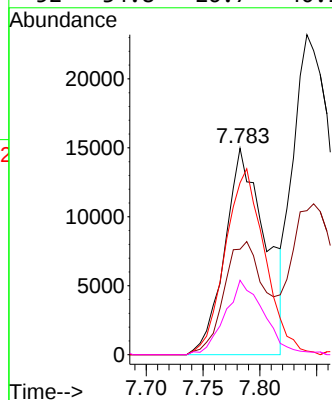
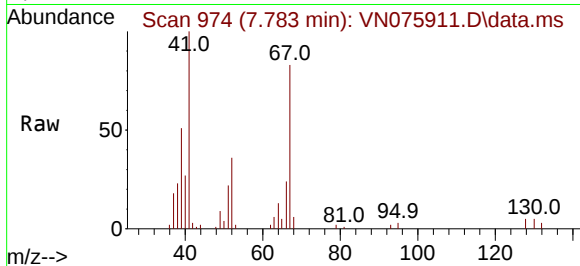
#41
Methacrylonitrile
Concen: 19.795 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 41 Resp: 37158
Ion Ratio Lower Upper
41 100
39 53.8 43.1 64.7
67 88.2 70.7 106.1
52 34.8 26.7 40.1

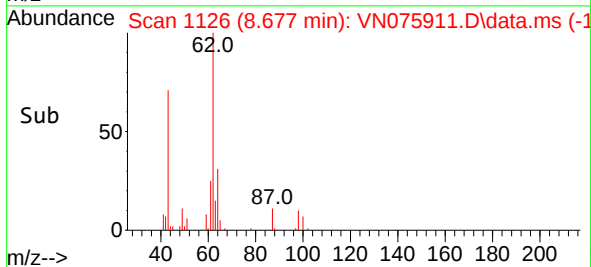
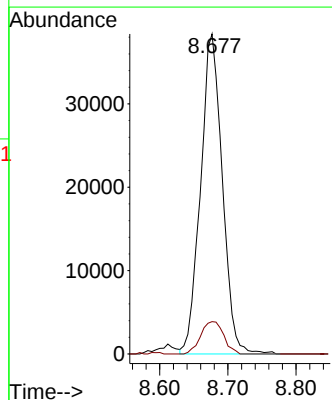
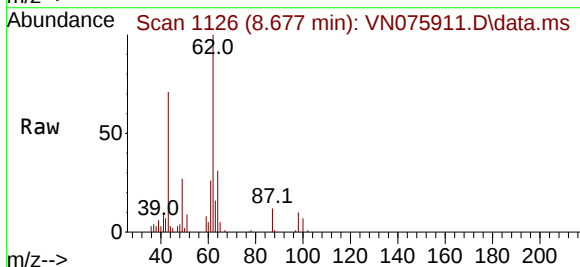
Manual Integrations
APPROVED

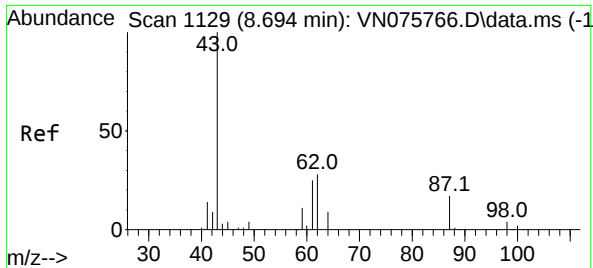
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#42
1,2-Dichloroethane
Concen: 18.472 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion: 62 Resp: 85187
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.8





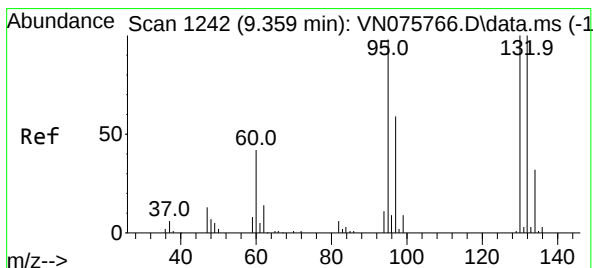
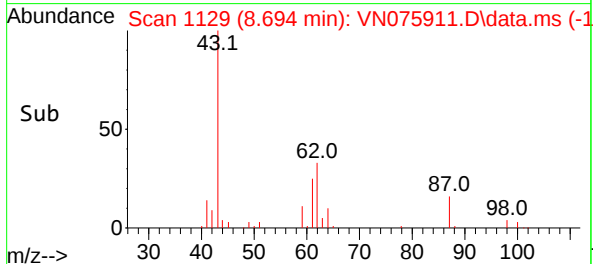
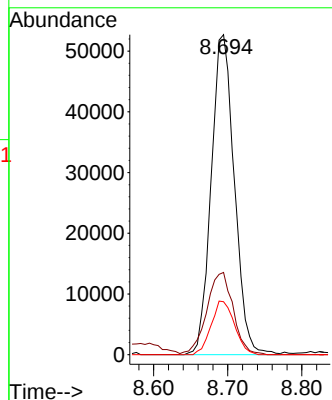
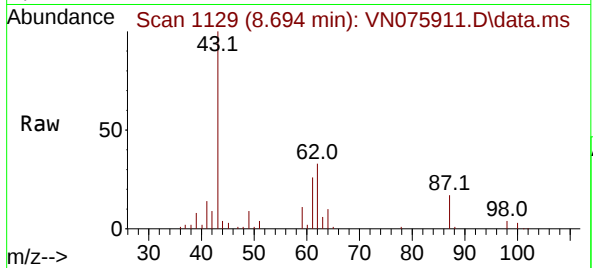
#43
Isopropyl Acetate
Concen: 19.195 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 43 Resp: 114348
Ion Ratio Lower Upper
43 100
61 29.3 24.2 36.4
87 16.9 13.3 19.9

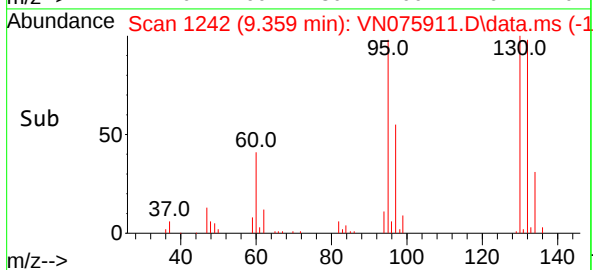
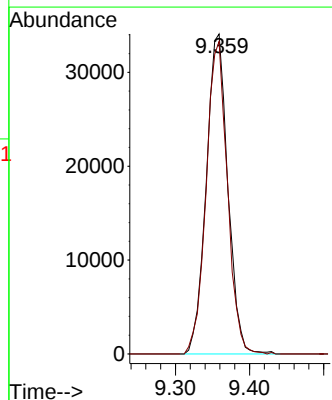
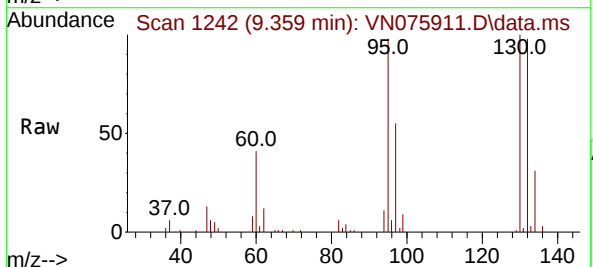
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#44
Trichloroethene
Concen: 17.682 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion:130 Resp: 69099
Ion Ratio Lower Upper
130 100
95 97.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 17.846 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 63 Resp: 60240

Ion Ratio Lower Upper

63 100

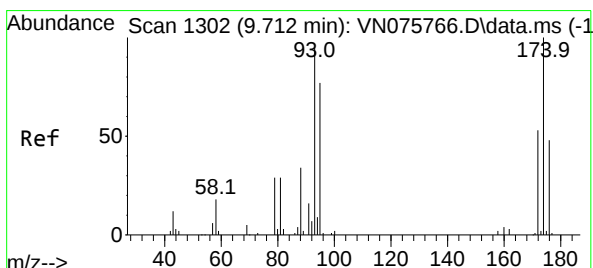
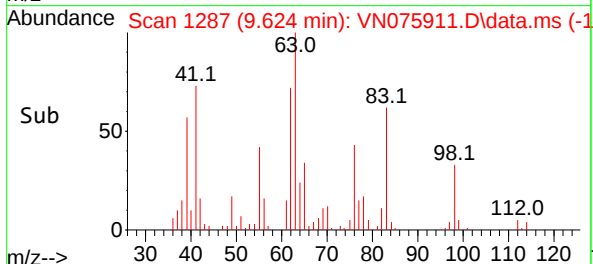
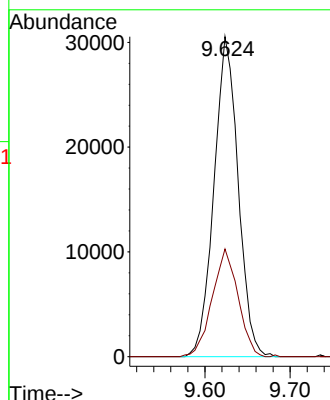
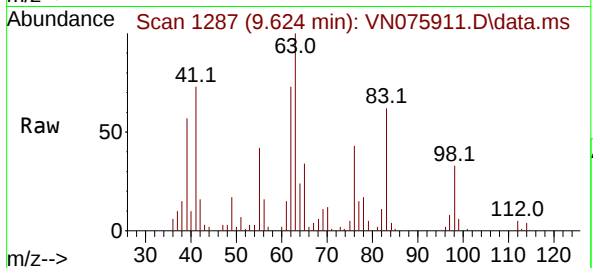
65 33.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#46

Dibromomethane

Concen: 18.164 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

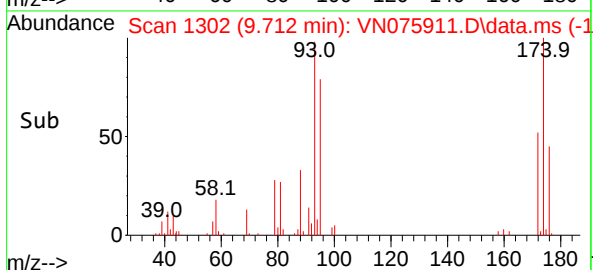
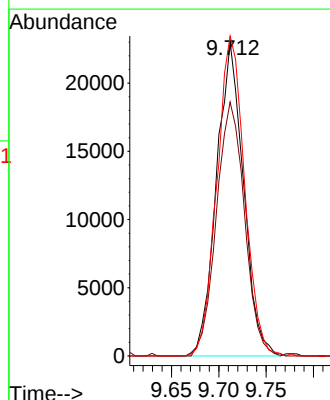
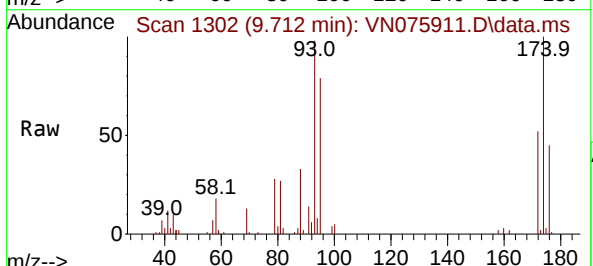
Tgt Ion: 93 Resp: 45476

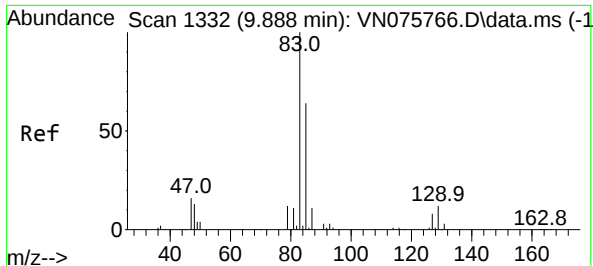
Ion Ratio Lower Upper

93 100

95 84.4 65.2 97.8

174 104.9 82.4 123.6





#47

Bromodichloromethane

Concen: 18.363 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

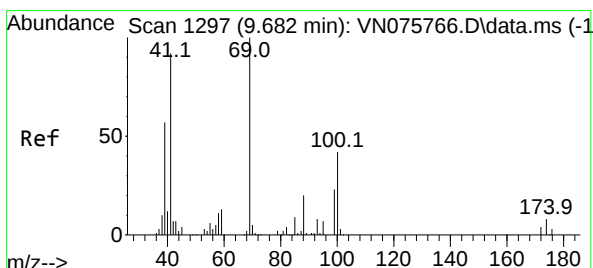
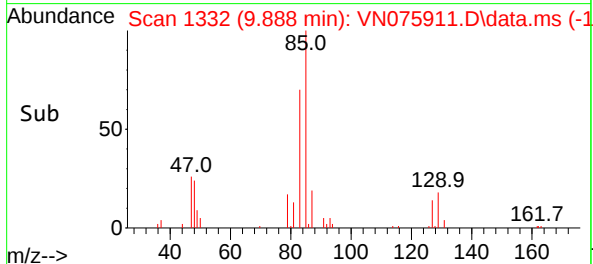
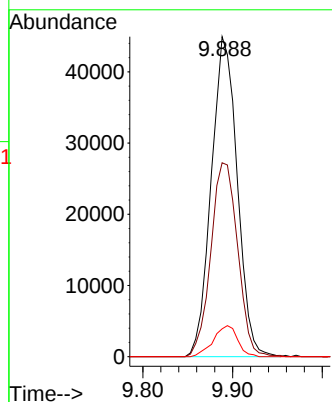
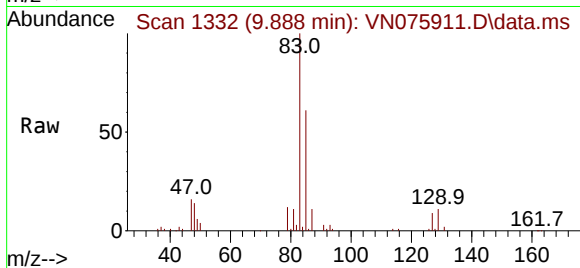
Tgt Ion:	83	Resp:	90158
Ion Ratio	Lower	Upper	
83	100		
85	60.6	51.5	77.3
127	8.7	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#48

Methyl methacrylate

Concen: 19.972 ug/l

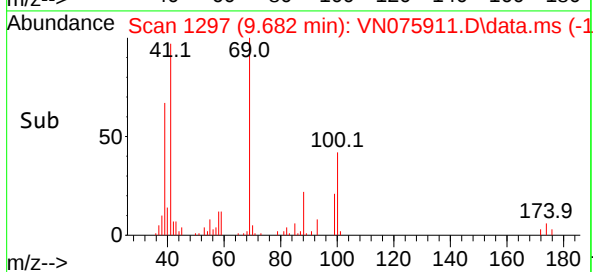
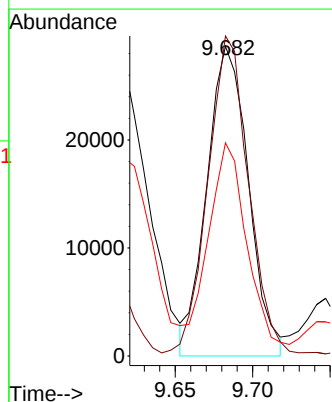
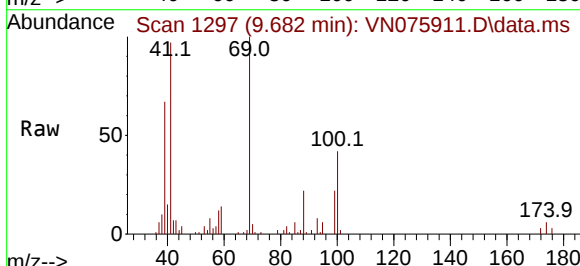
RT: 9.682 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Tgt Ion:	41	Resp:	53585
Ion Ratio	Lower	Upper	
41	100		
69	102.3	81.9	122.9
39	66.1	51.6	77.4





#49

1,4-Dioxane

Concen: 379.835 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

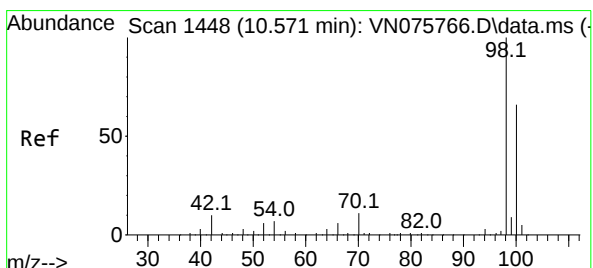
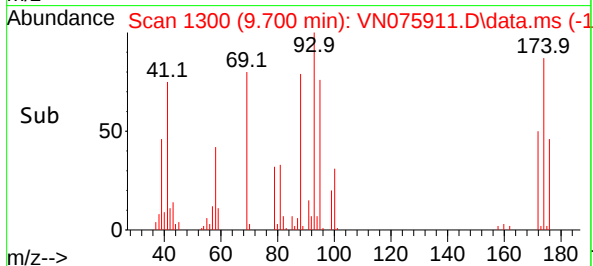
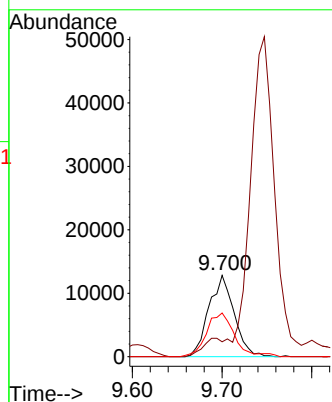
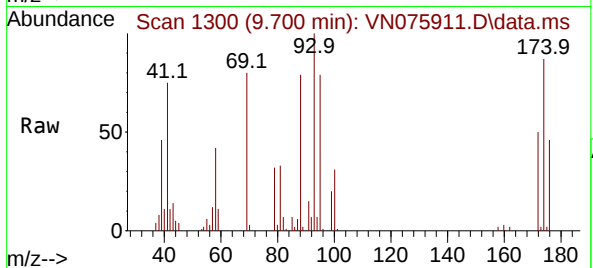
Tgt Ion:	88	Resp:	25054
Ion	Ratio	Lower	Upper
88	100		
43	17.4	17.1	25.7
58	59.5	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#50

Toluene-d8

Concen: 50.874 ug/l

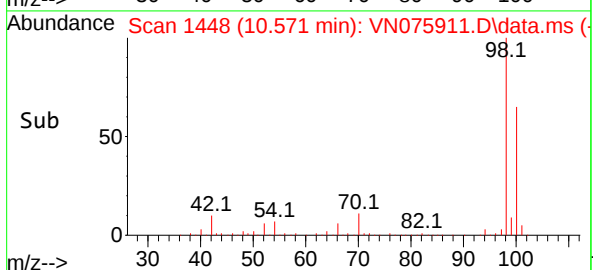
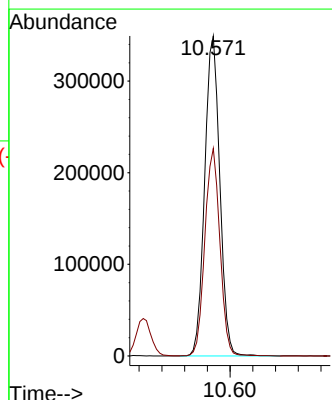
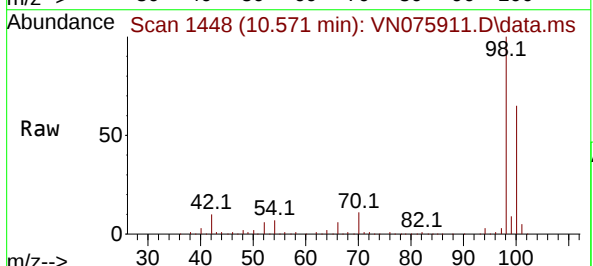
RT: 10.571 min Scan# 1448

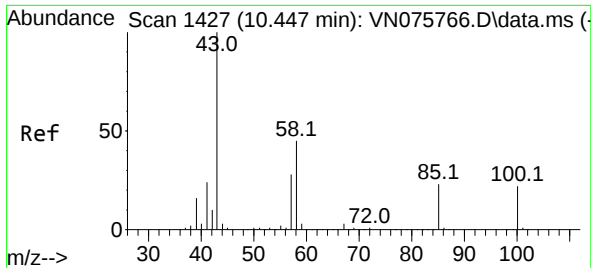
Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Tgt Ion:	98	Resp:	643763
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.1	78.1





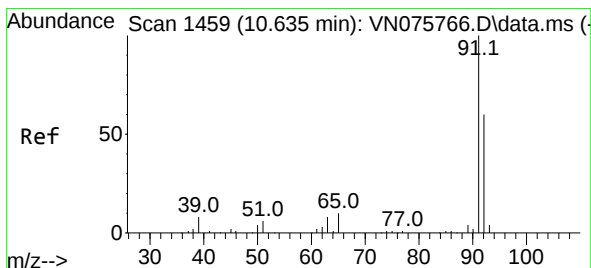
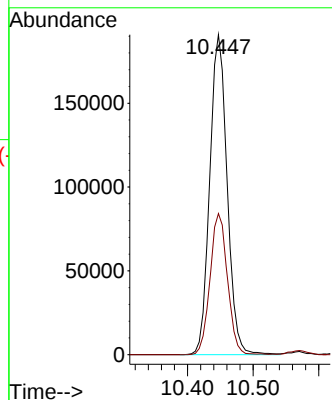
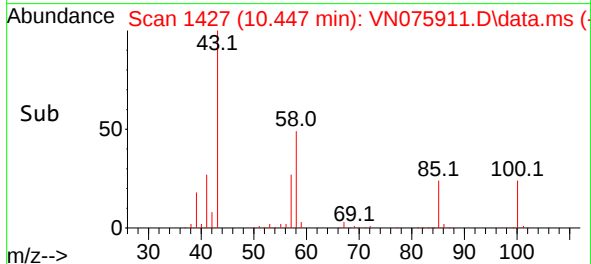
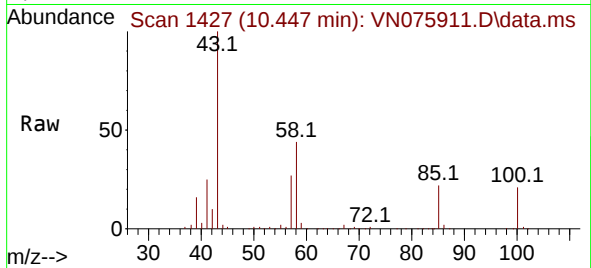
#51
4-Methyl-2-Pentanone
Concen: 97.667 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 43 Resp: 351852
Ion Ratio Lower Upper
43 100
58 44.1 35.5 53.3

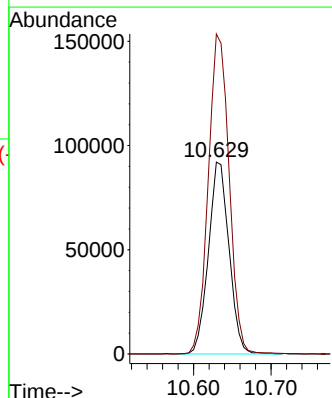
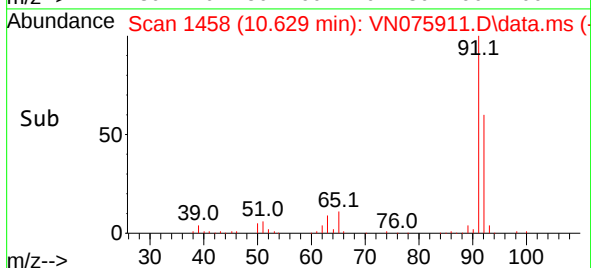
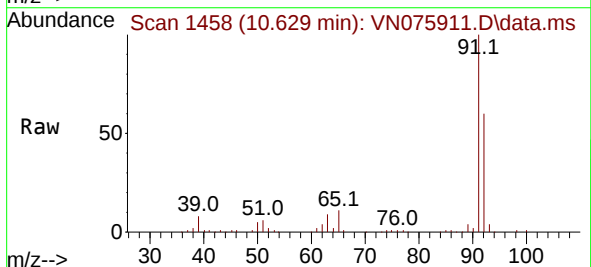
Manual Integrations
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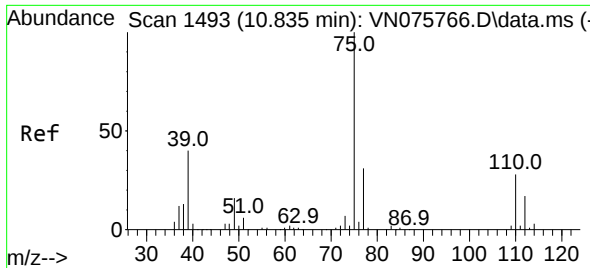
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#52
Toluene
Concen: 18.818 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion: 92 Resp: 170006
Ion Ratio Lower Upper
92 100
91 168.9 137.3 205.9





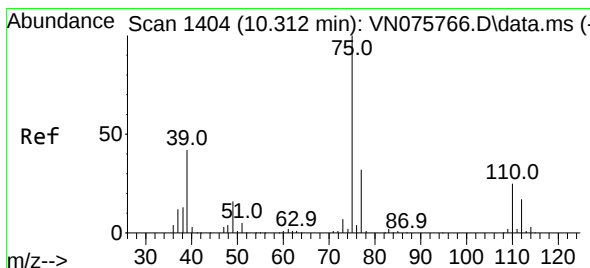
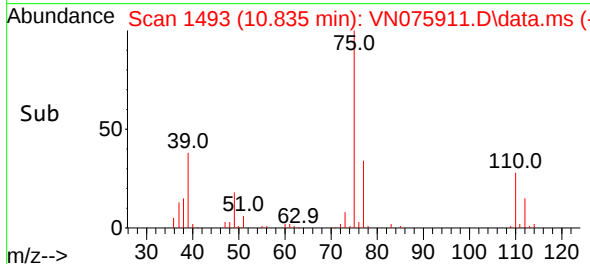
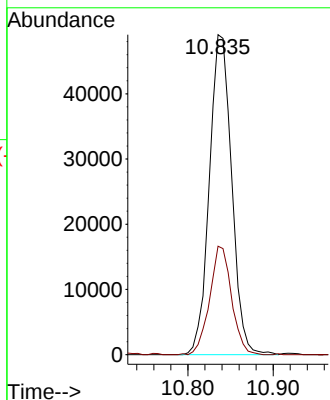
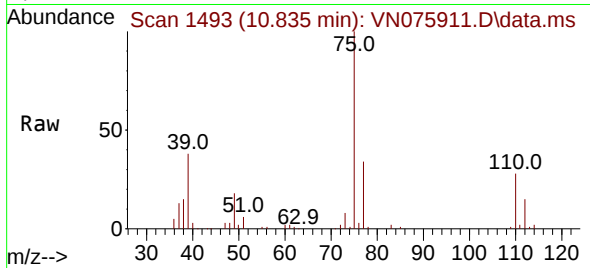
#53
t-1,3-Dichloropropene
Concen: 18.562 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 75 Resp: 8921
Ion Ratio Lower Upper
75 100
77 33.9 24.9 37.3

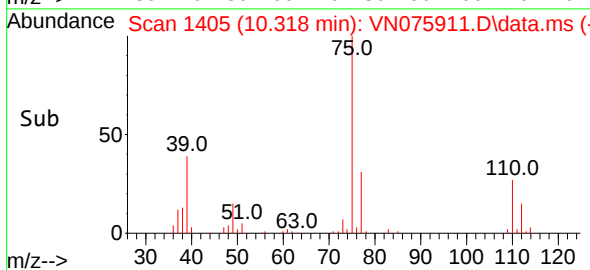
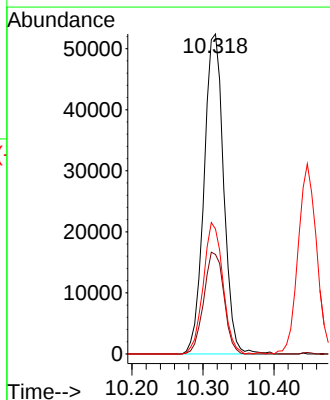
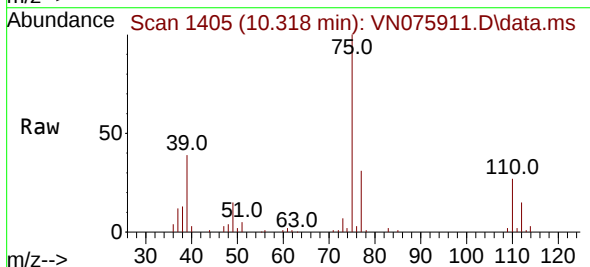
Manual Integrations
APPROVED

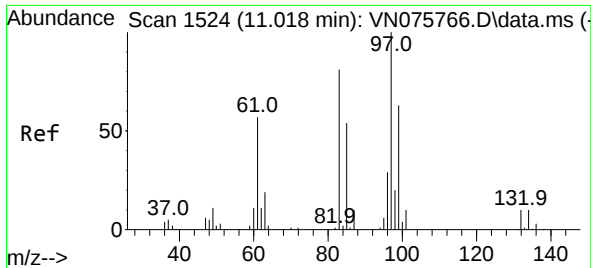
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#54
cis-1,3-Dichloropropene
Concen: 19.085 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

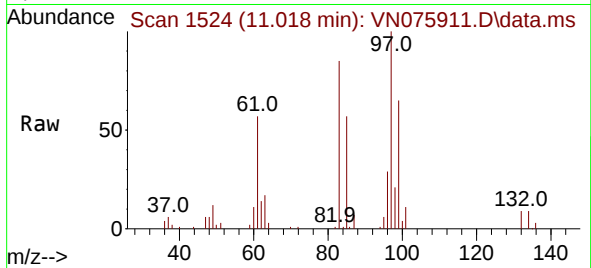
Tgt Ion: 75 Resp: 100707
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8
39 39.0 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 18.725 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

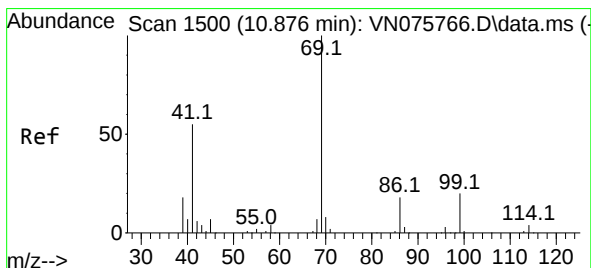
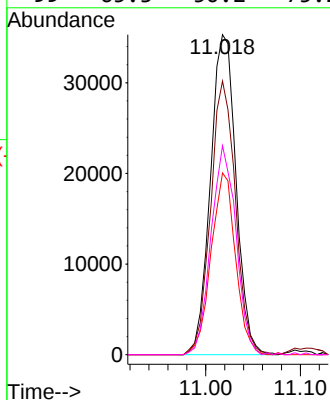
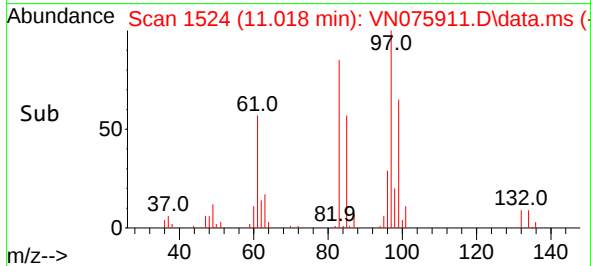


Tgt Ion: 97 Resp: 66390

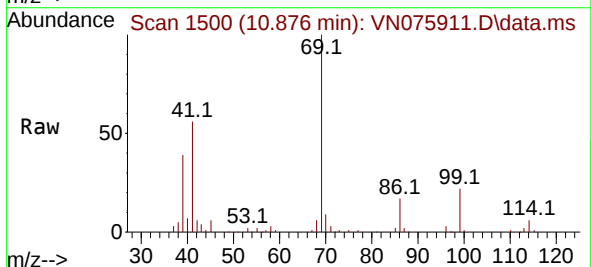
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.0	97.4
85	56.8	43.0	64.6
99	65.3	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

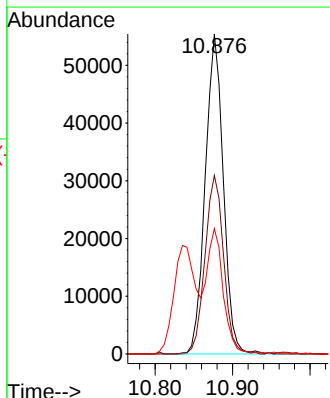
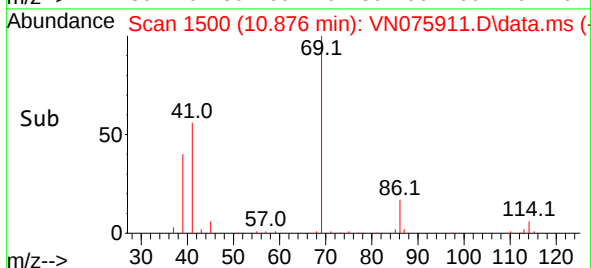


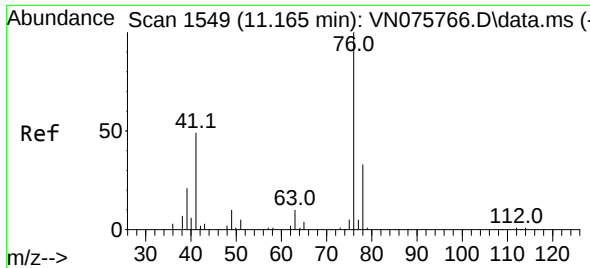
#56
Ethyl methacrylate
Concen: 19.035 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44



Tgt Ion: 69 Resp: 89651

Ion	Ratio	Lower	Upper
69	100		
41	57.5	44.2	66.4
39	35.4	26.4	39.6





#57

1,3-Dichloropropane

Concen: 18.541 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 76 Resp: 107838

Ion Ratio Lower Upper

76 100

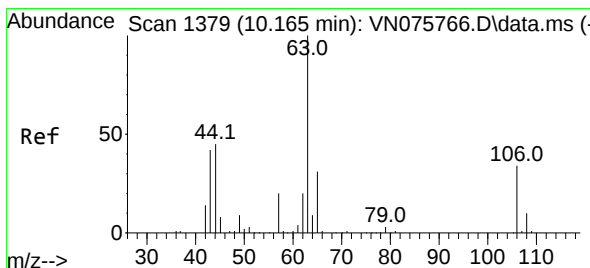
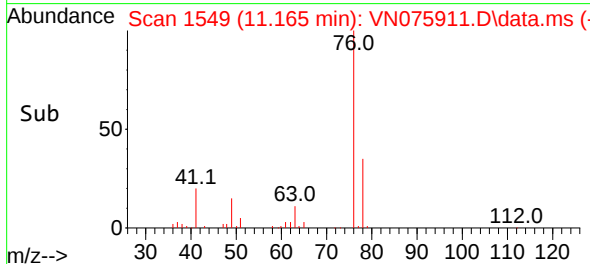
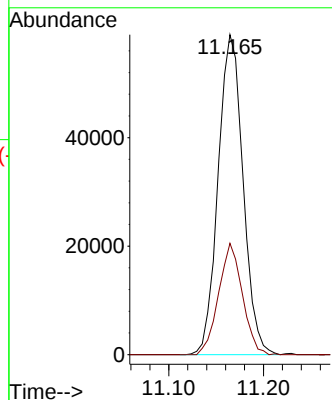
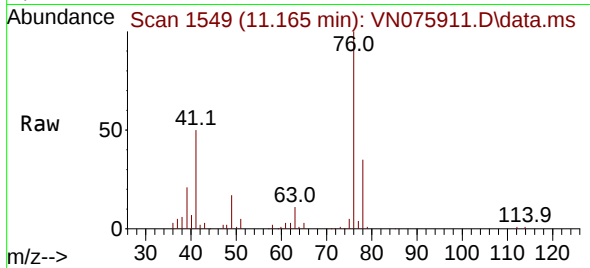
78 33.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 98.506 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075911.D

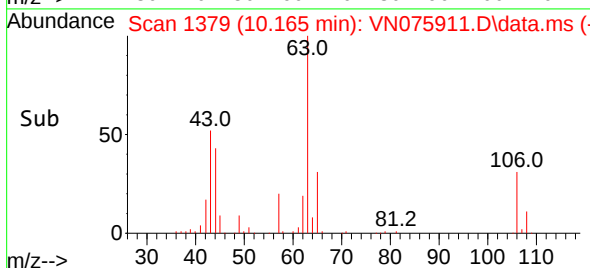
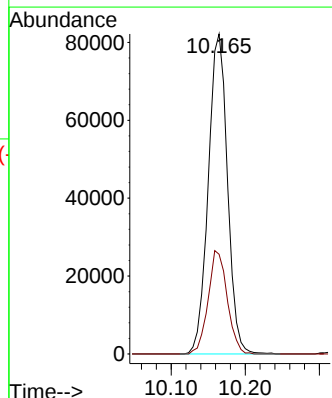
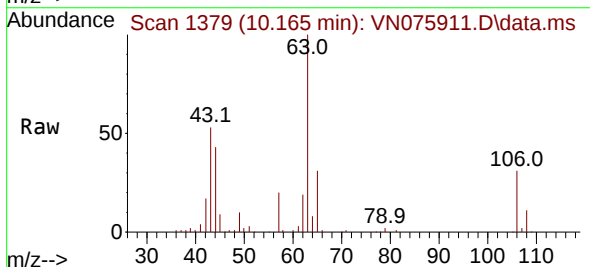
Acq: 21 Dec 2022 11:44

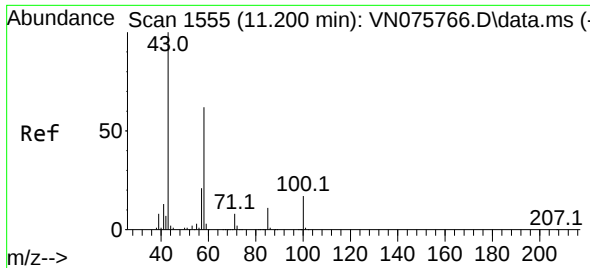
Tgt Ion: 63 Resp: 147715

Ion Ratio Lower Upper

63 100

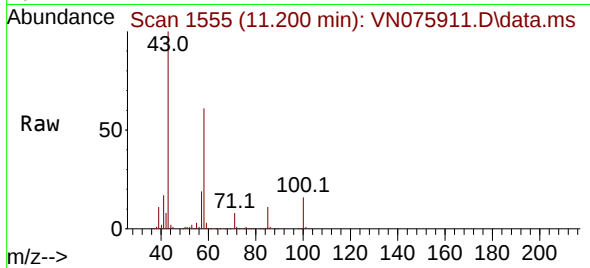
106 32.2 26.4 39.6





#59
2-Hexanone
Concen: 98.883 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

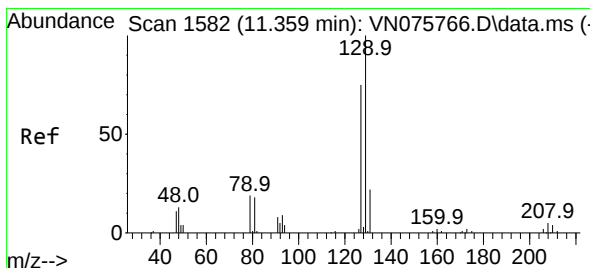
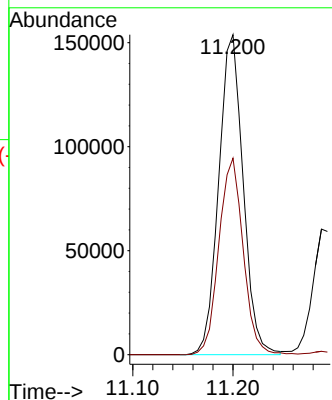
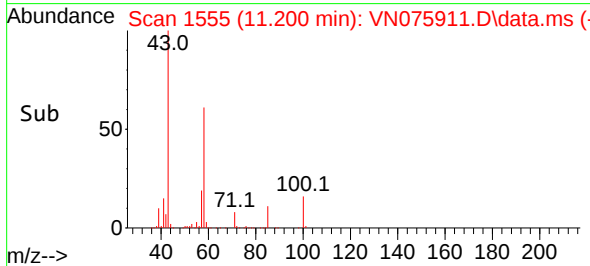
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 43 Resp: 259790
Ion Ratio Lower Upper
43 100
58 61.2 30.6 92.0

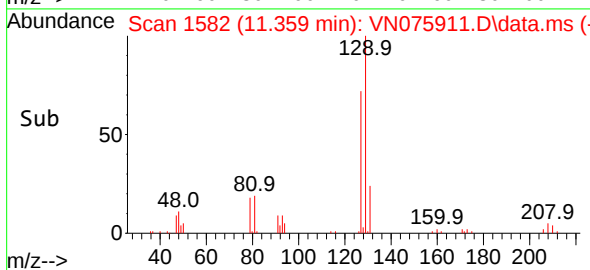
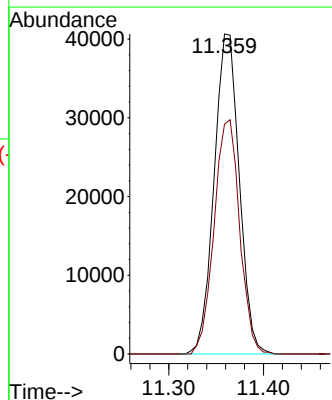
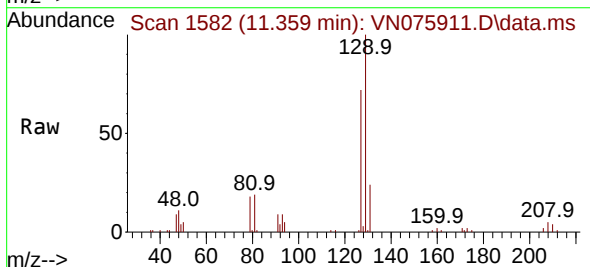
Manual Integrations
APPROVED

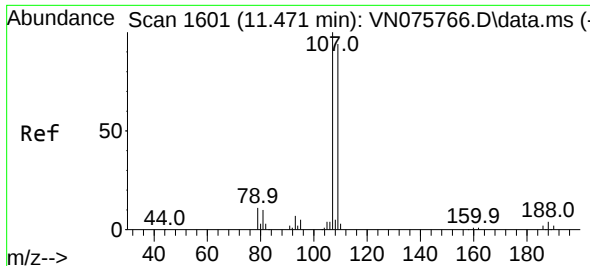
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#60
Dibromochloromethane
Concen: 19.044 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion:129 Resp: 75098
Ion Ratio Lower Upper
129 100
127 74.2 38.3 114.9





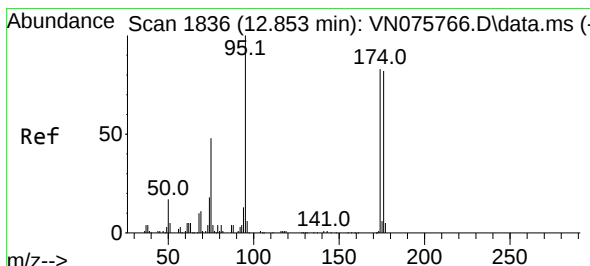
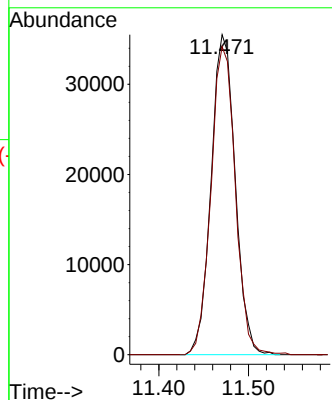
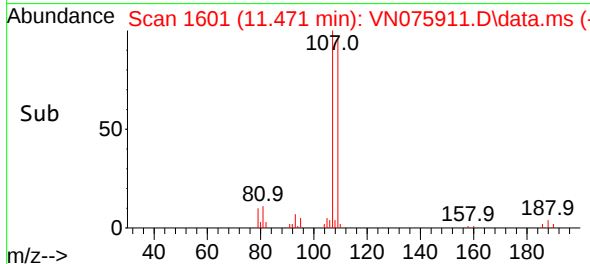
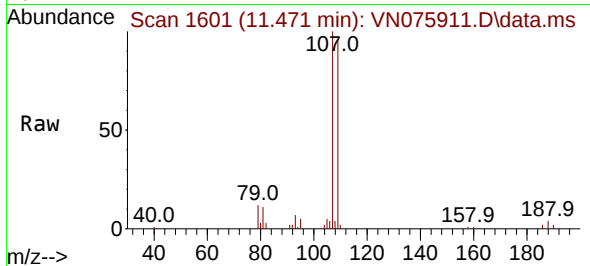
#61
1,2-Dibromoethane
Concen: 18.470 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:107 Resp: 66275
Ion Ratio Lower Upper
107 100
109 97.3 74.8 112.2

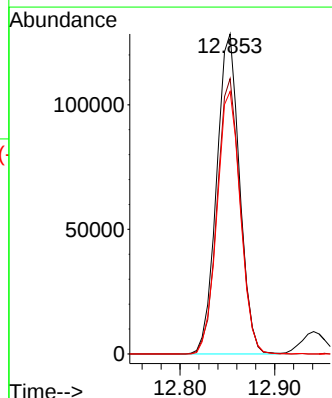
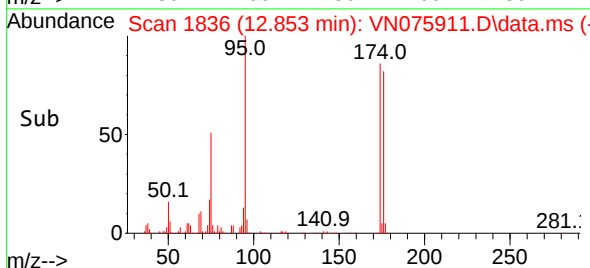
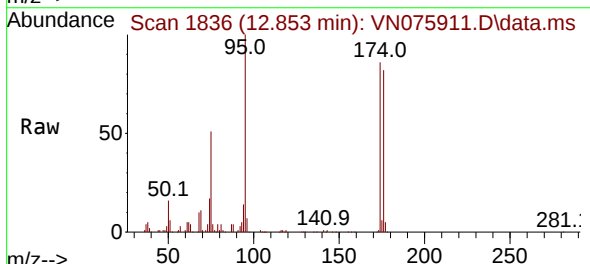
Manual Integrations
APPROVED

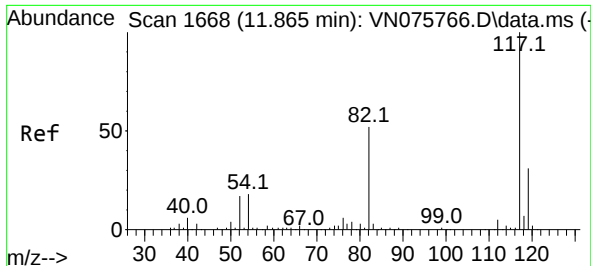
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#62
4-Bromofluorobenzene
Concen: 51.614 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

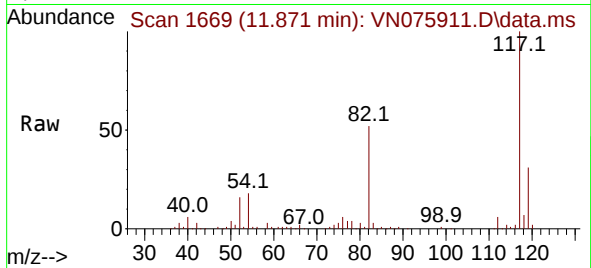
Tgt Ion: 95 Resp: 216321
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.6
176 83.4 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

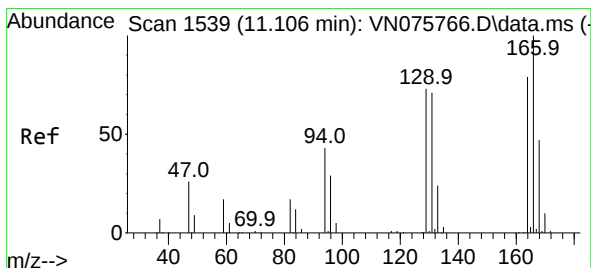
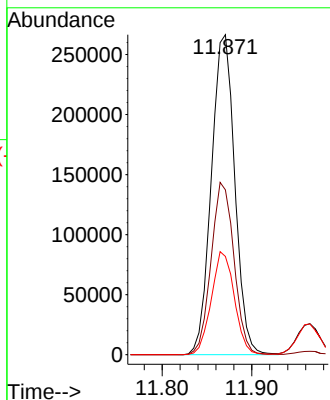
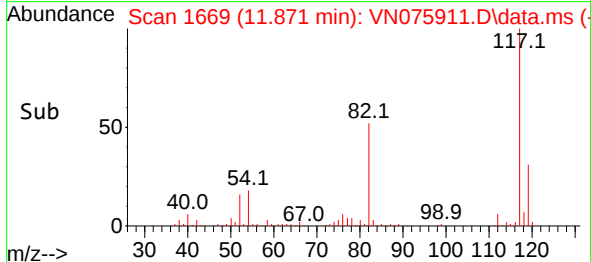
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion:117 Resp: 48353
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 30.7 24.6 37.0

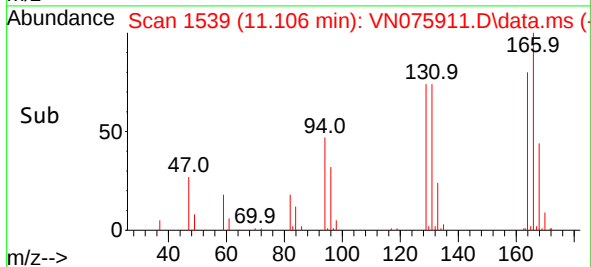
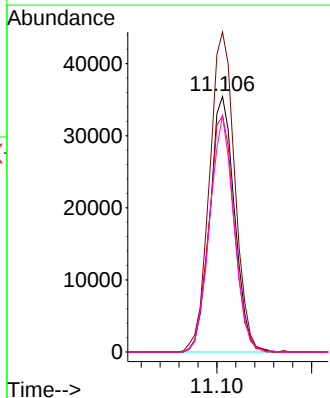
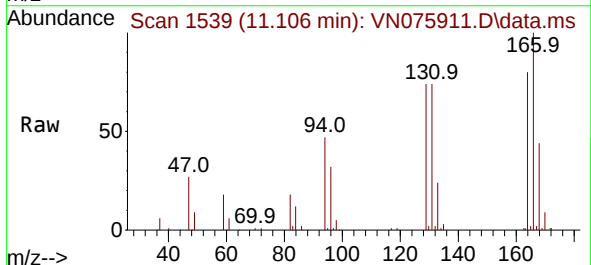
Manual Integrations
APPROVED

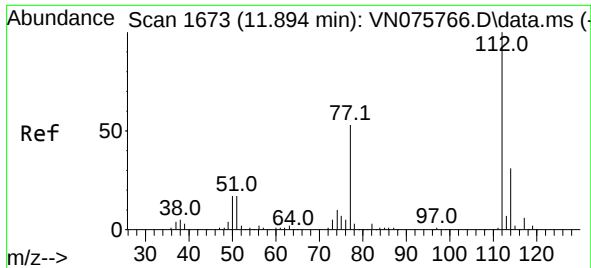
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#64
Tetrachloroethene
Concen: 18.857 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion:164 Resp: 64162
Ion Ratio Lower Upper
164 100
166 125.2 101.9 152.9
129 92.5 74.2 111.2
131 92.3 72.4 108.6





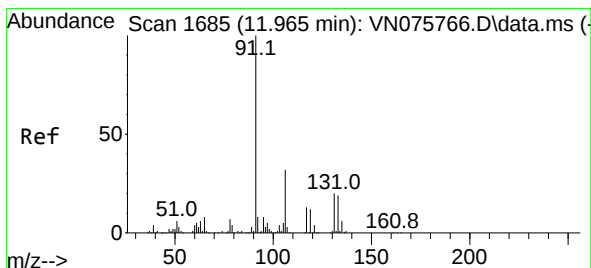
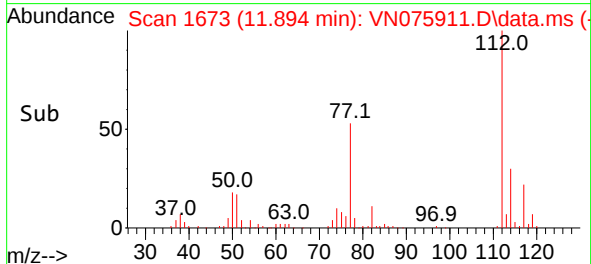
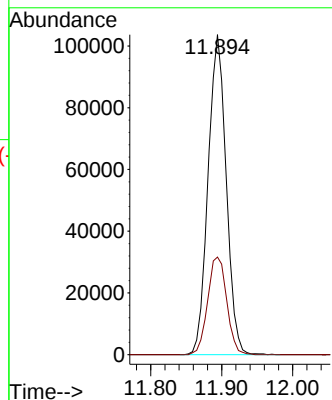
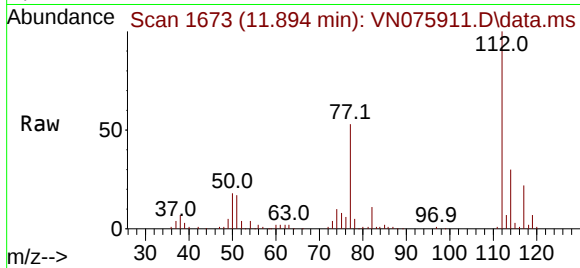
#65
Chlorobenzene
Concen: 18.504 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:112 Resp: 183640
Ion Ratio Lower Upper
112 100
114 30.5 24.7 37.1

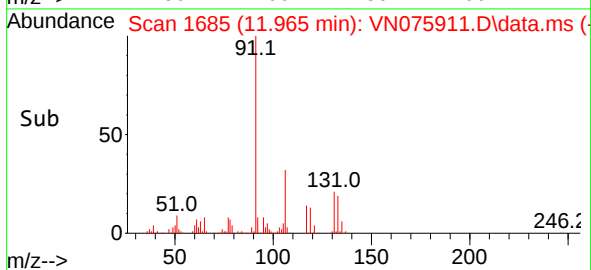
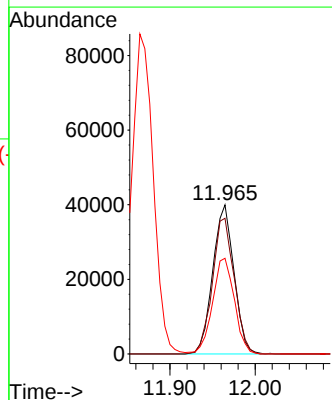
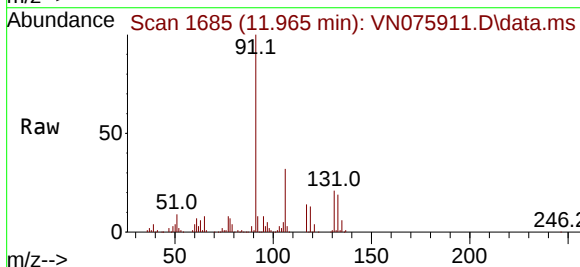
Manual Integrations
APPROVED

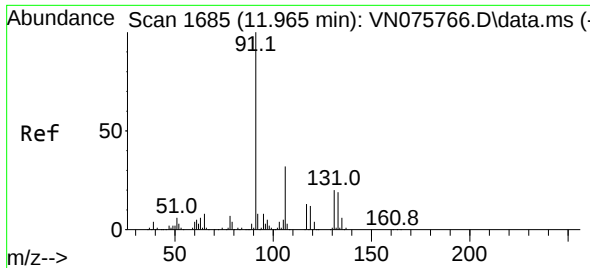
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.780 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion:131 Resp: 69036
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.5
119 66.1 31.9 95.7





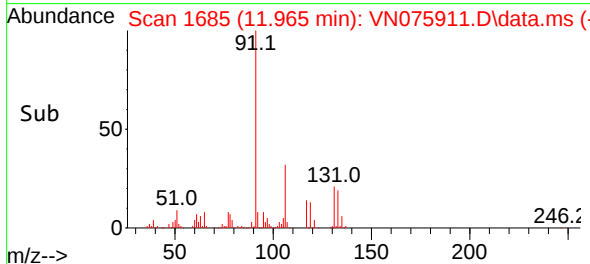
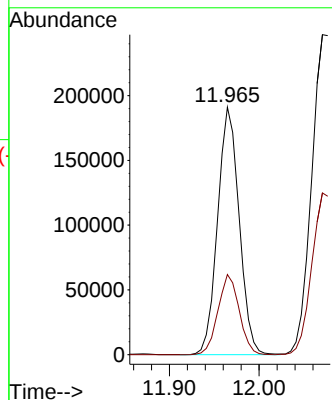
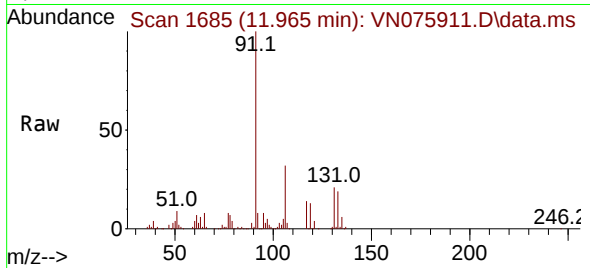
#67
Ethyl Benzene
Concen: 19.020 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 91 Resp: 31858
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5

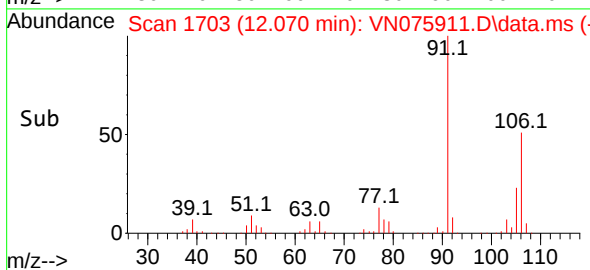
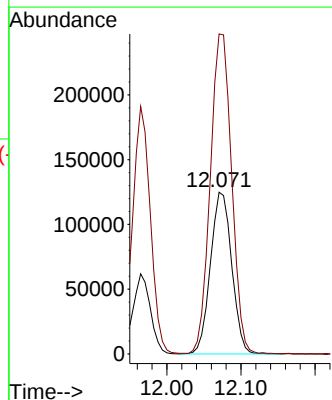
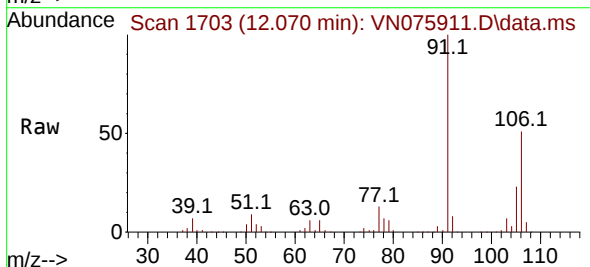
Manual Integrations
APPROVED

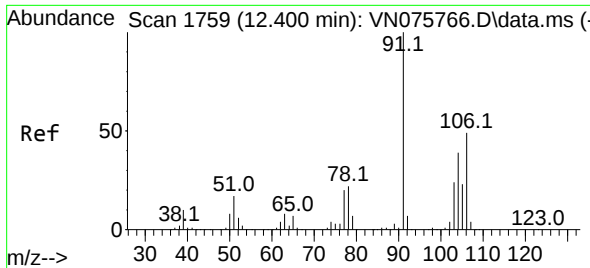
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#68
m/p-Xylenes
Concen: 37.510 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion:106 Resp: 248677
Ion Ratio Lower Upper
106 100
91 198.6 156.6 235.0





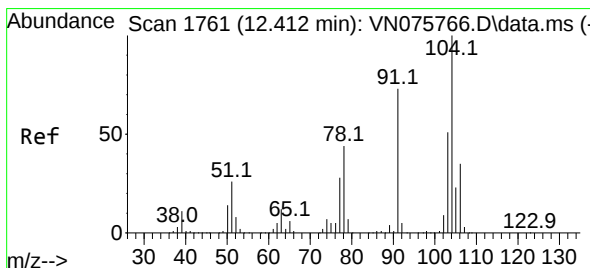
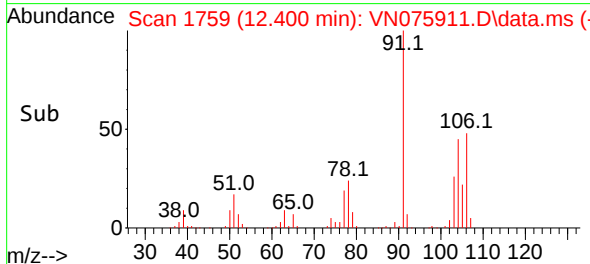
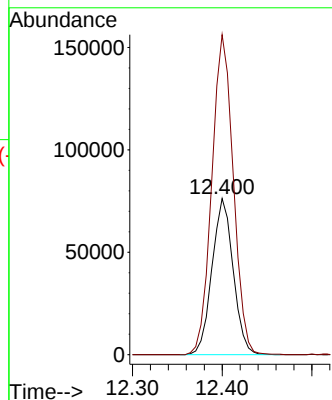
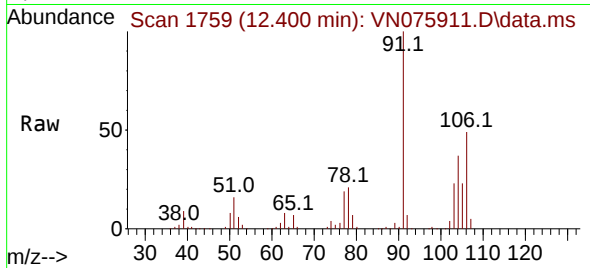
#69
o-Xylene
Concen: 19.036 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:106 Resp: 12489
Ion Ratio Lower Upper
106 100
91 208.2 103.8 311.6

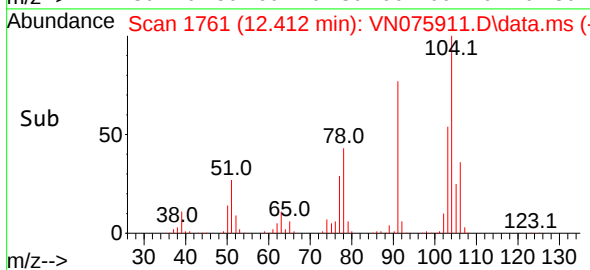
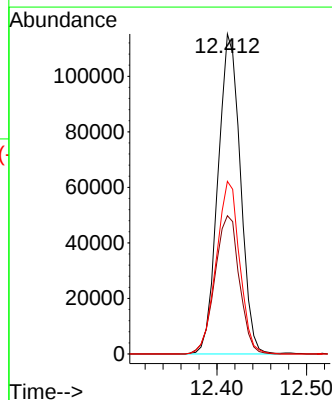
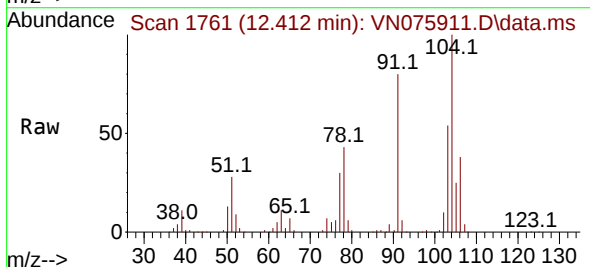
Manual Integrations
APPROVED

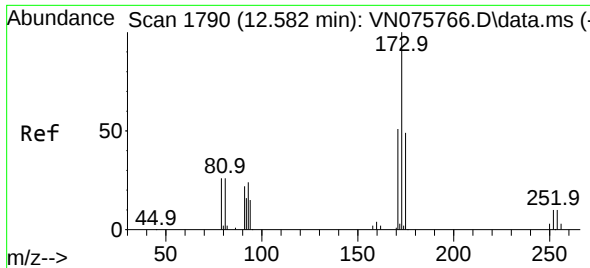
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#70
Styrene
Concen: 19.164 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion:104 Resp: 199905
Ion Ratio Lower Upper
104 100
78 47.2 37.5 56.3
103 56.3 43.5 65.3





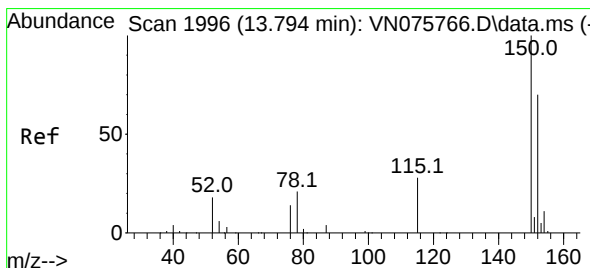
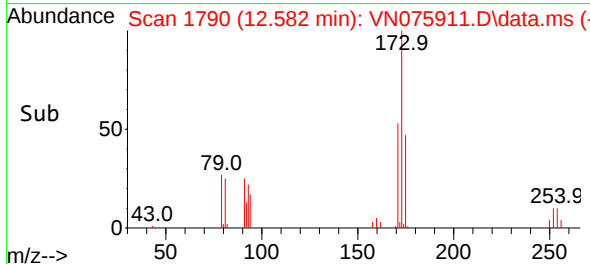
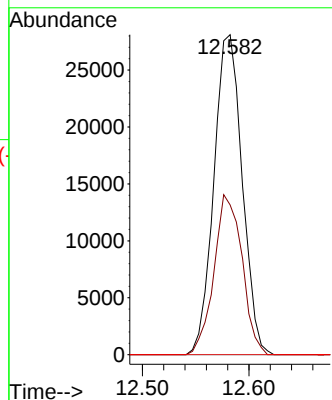
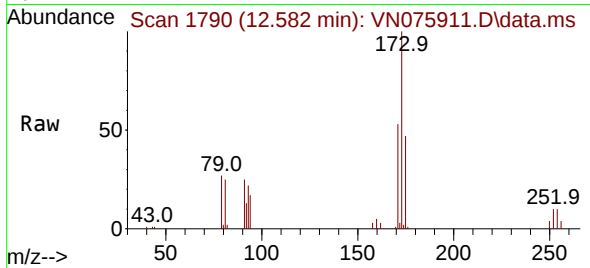
#71
Bromoform
Concen: 19.380 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:173 Resp: 5183
Ion Ratio Lower Upper
173 100
175 49.6 24.3 72.8
254 0.0 0.0 0.0

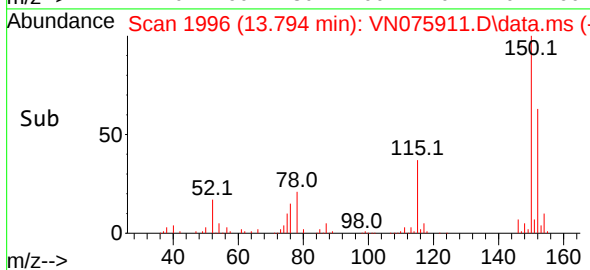
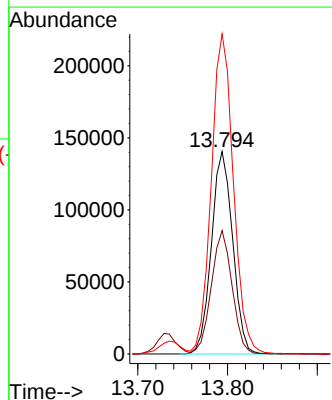
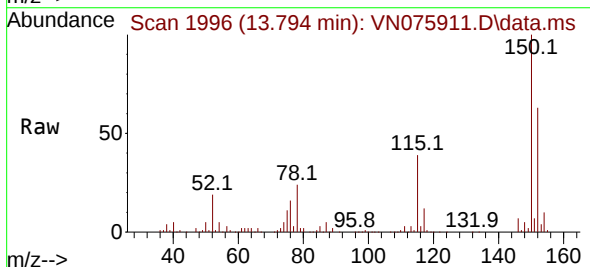
Manual Integrations
APPROVED

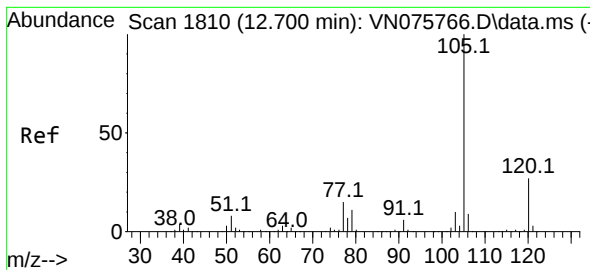
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion:152 Resp: 231142
Ion Ratio Lower Upper
152 100
115 59.6 29.1 87.4
150 164.3 0.0 347.0





#73

Isopropylbenzene

Concen: 19.653 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion:105 Resp: 328270

Ion Ratio Lower Upper

105 100

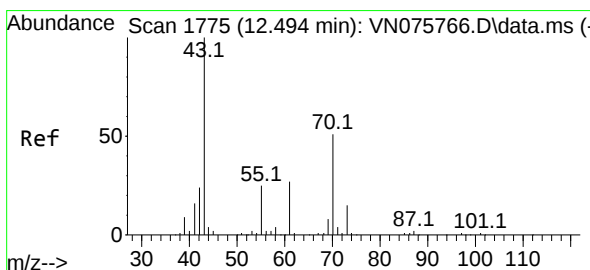
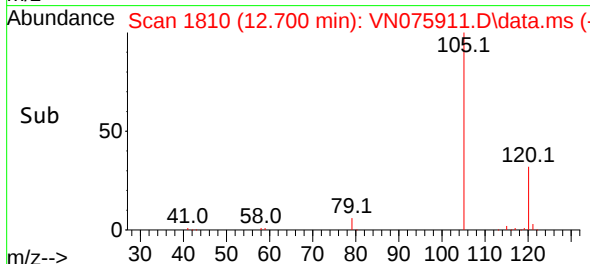
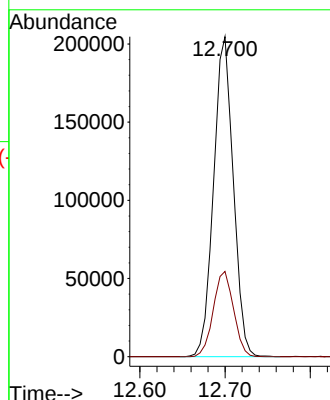
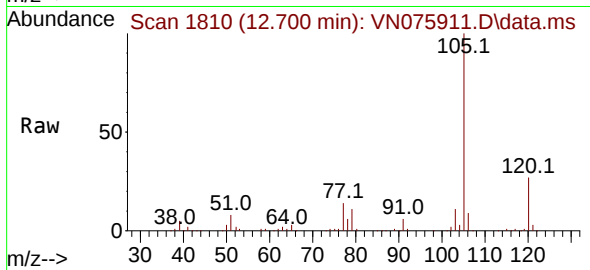
120 27.4 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#74

N-ethyl acetate

Concen: 19.430 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Tgt Ion: 43 Resp: 95212

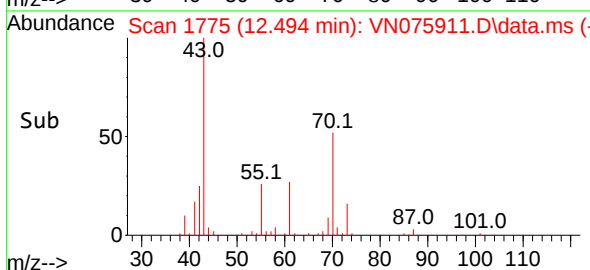
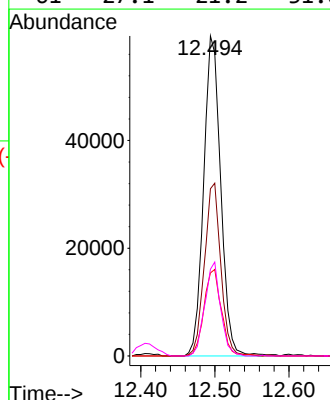
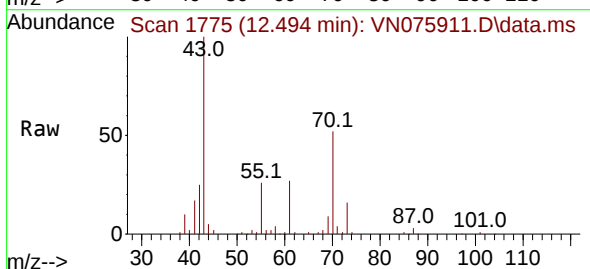
Ion Ratio Lower Upper

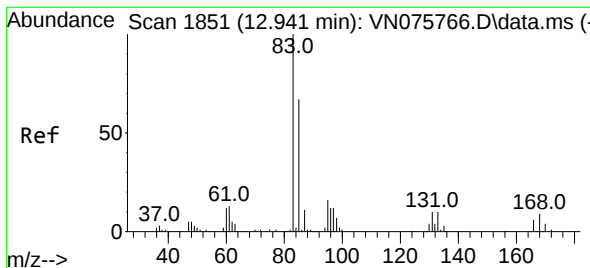
43 100

70 51.8 41.4 62.0

55 27.6 21.3 31.9

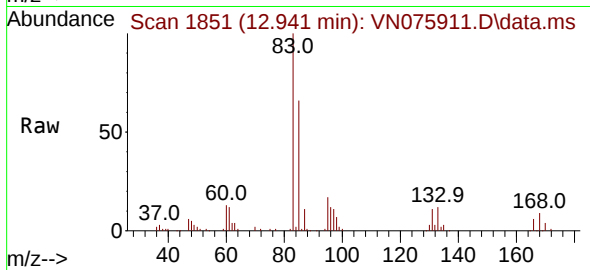
61 27.1 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.340 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

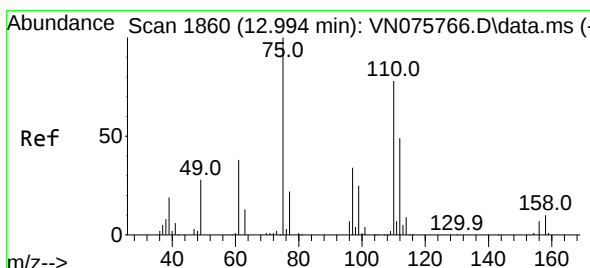
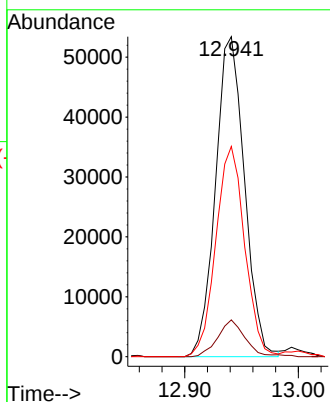
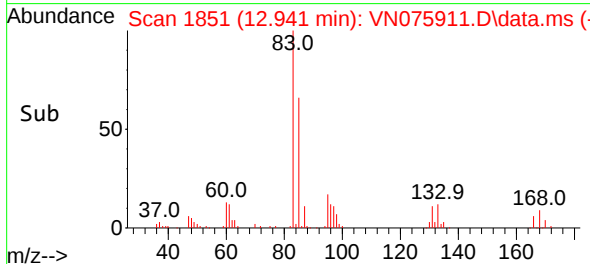
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



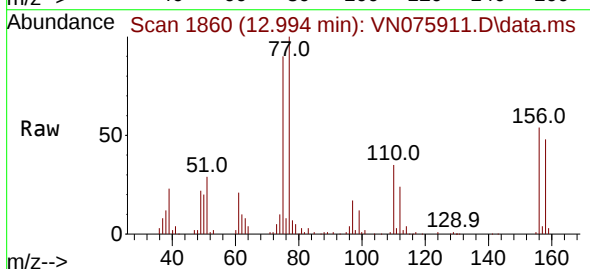
Tgt Ion: 83 Resp: 94699
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 65.3 32.6 98.0

Manual Integrations
APPROVED

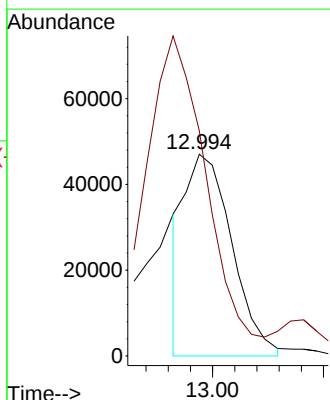
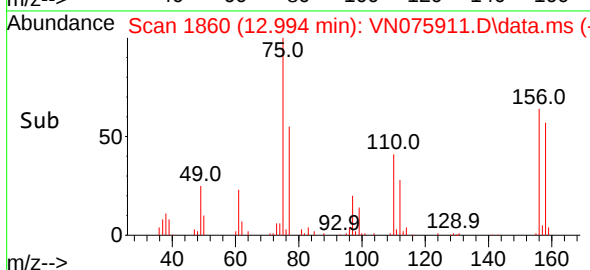
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

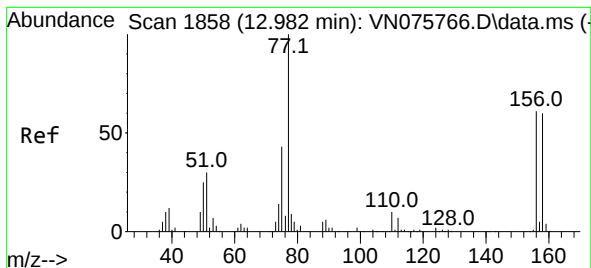


#76
1,2,3-Trichloropropane
Concen: 14.932 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44



Tgt Ion: 75 Resp: 69571
Ion Ratio Lower Upper
75 100
77 209.3 82.6 247.8





#77

Bromobenzene

Concen: 18.655 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

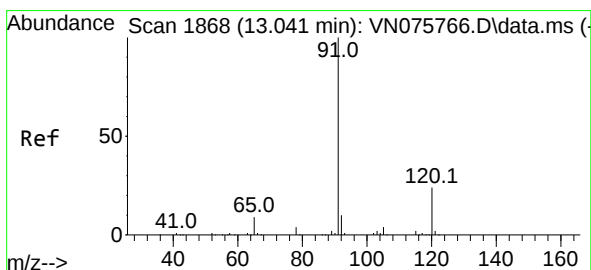
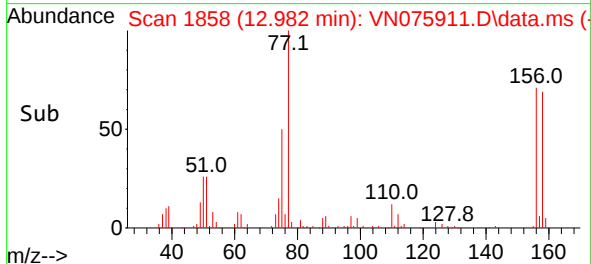
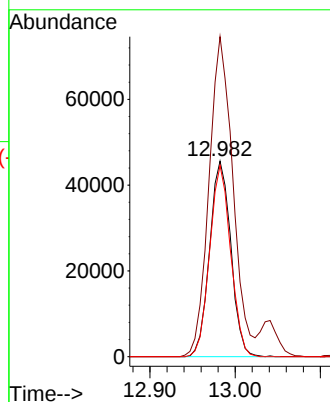
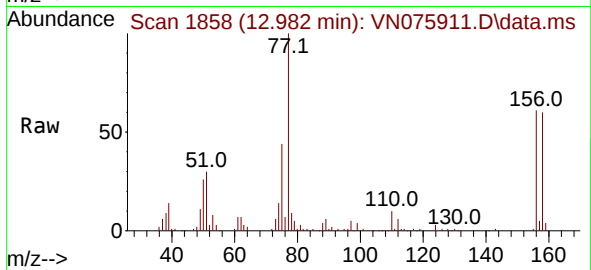
Tgt Ion:	156	Resp:	78860
Ion Ratio	Lower	Upper	
156	100		
77	184.7	93.8	281.3
158	96.6	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#78

n-propylbenzene

Concen: 19.764 ug/l

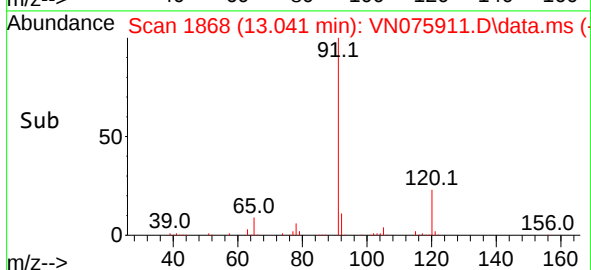
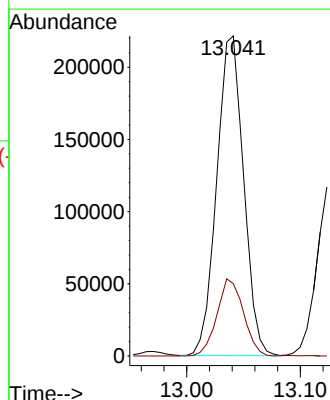
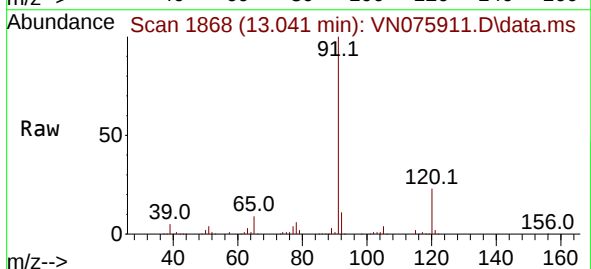
RT: 13.041 min Scan# 1868

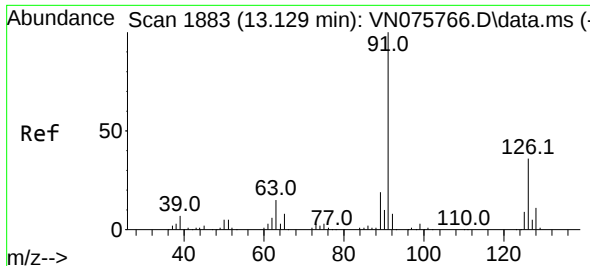
Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Tgt Ion:	91	Resp:	364109
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.0	36.1





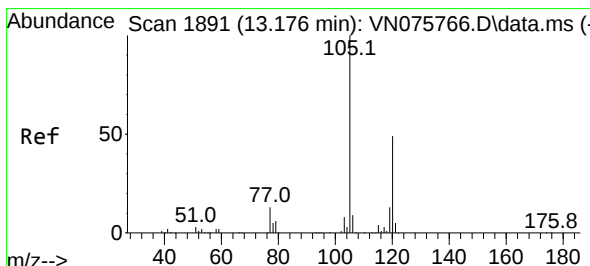
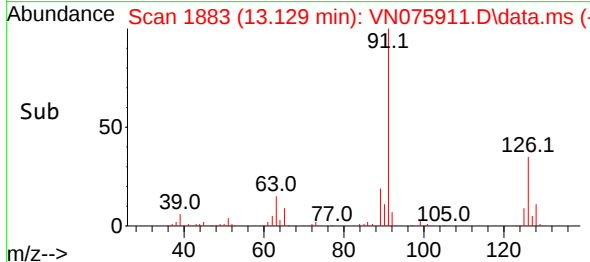
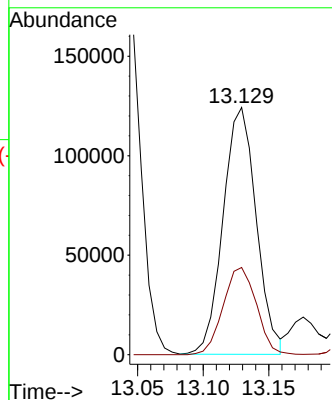
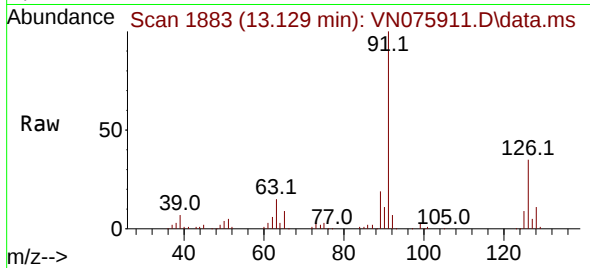
#79
2-Chlorotoluene
Concen: 19.000 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 91 Resp: 218498
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

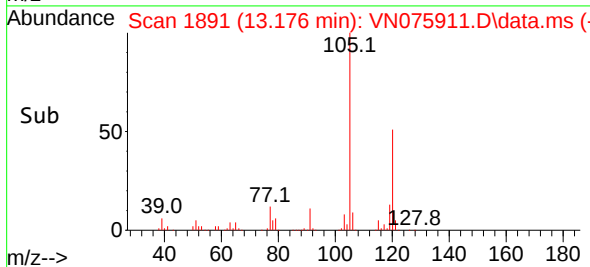
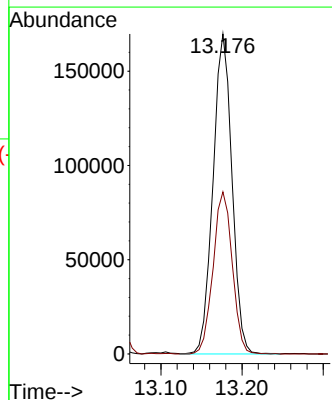
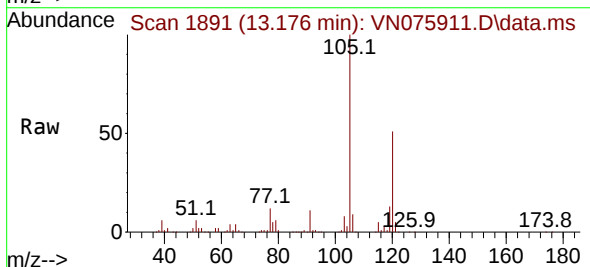
Manual Integrations
APPROVED

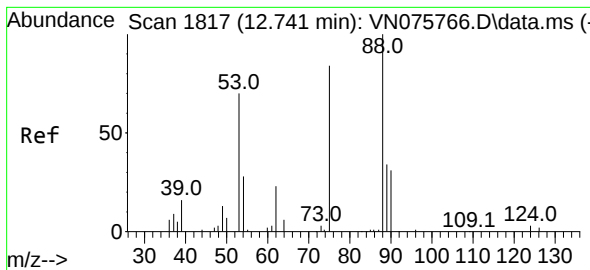
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.720 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion:105 Resp: 275681
Ion Ratio Lower Upper
105 100
120 51.2 24.7 74.1





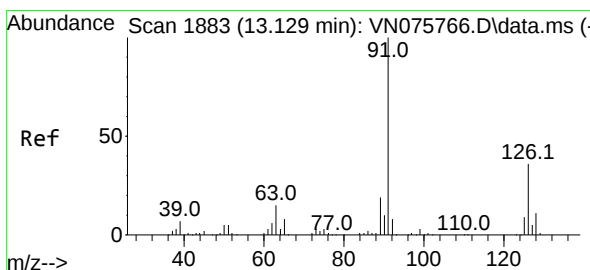
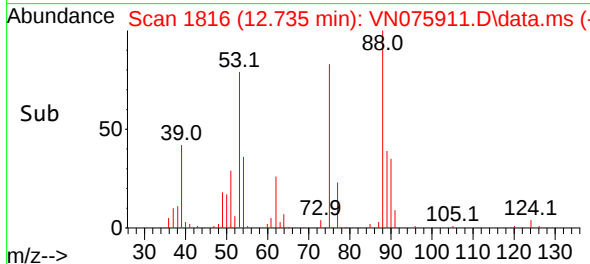
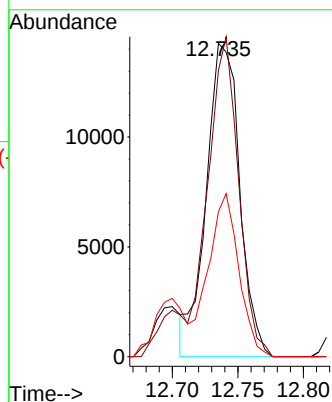
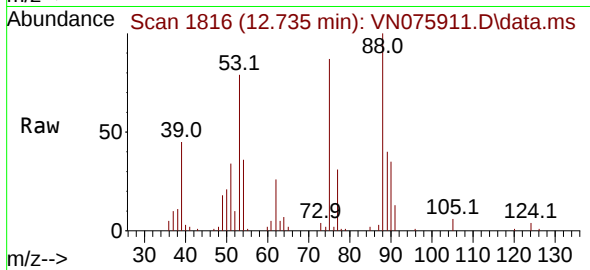
#81
trans-1,4-Dichloro-2-butene
Concen: 19.569 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 75 Resp: 25330
Ion Ratio Lower Upper
75 100
53 92.6 73.8 110.6
89 47.8 39.5 59.3

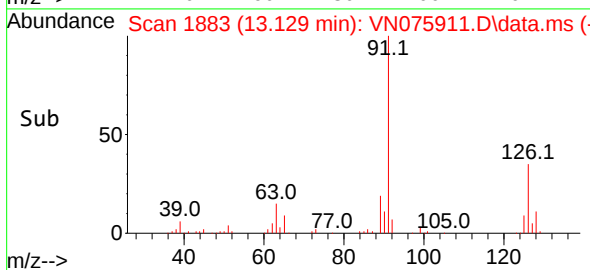
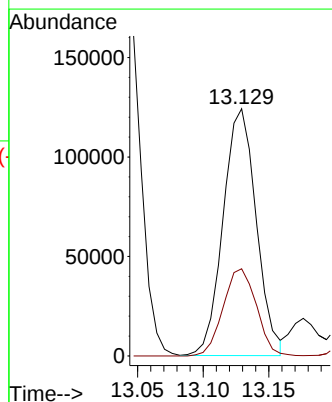
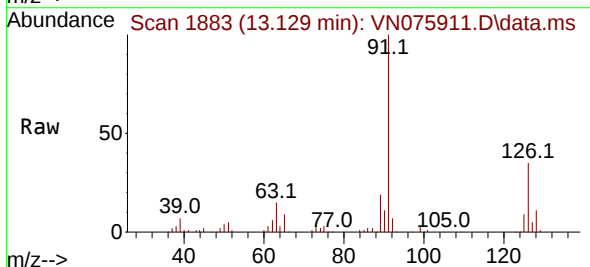
Manual Integrations
APPROVED

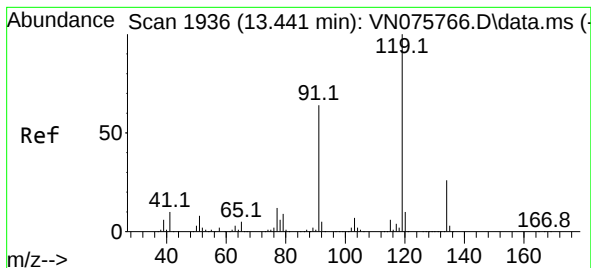
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#82
4-Chlorotoluene
Concen: 19.000 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Tgt Ion: 91 Resp: 218498
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5





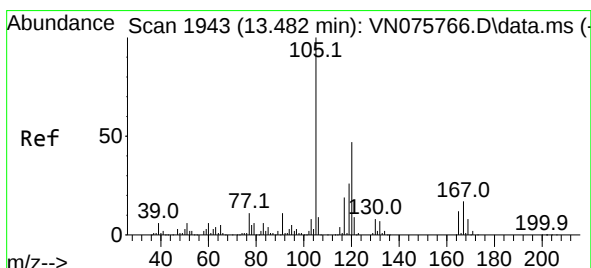
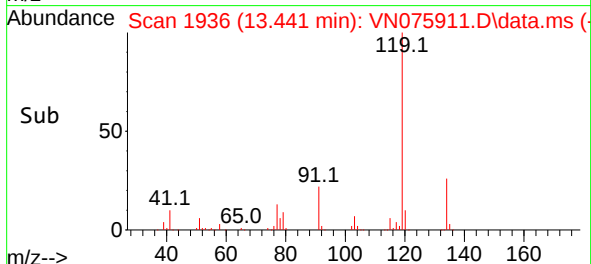
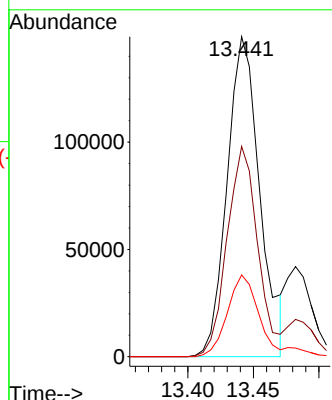
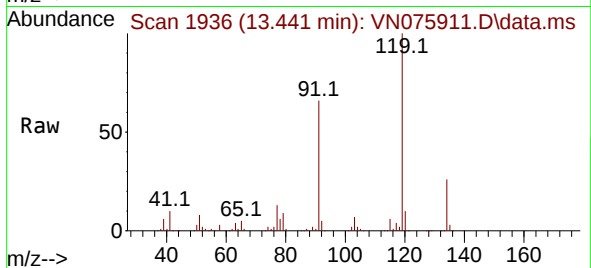
#83
tert-Butylbenzene
Concen: 20.946 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:119 Resp: 25817
Ion Ratio Lower Upper
119 100
91 61.9 31.9 95.5
134 26.1 13.8 41.4

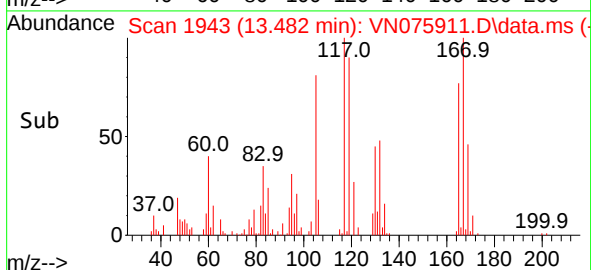
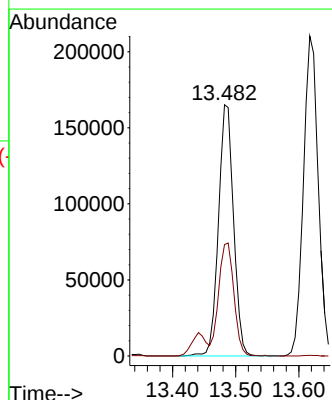
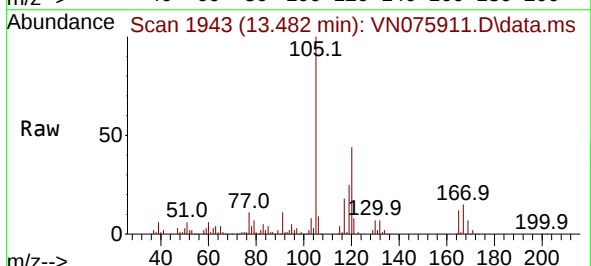
Manual Integrations
APPROVED

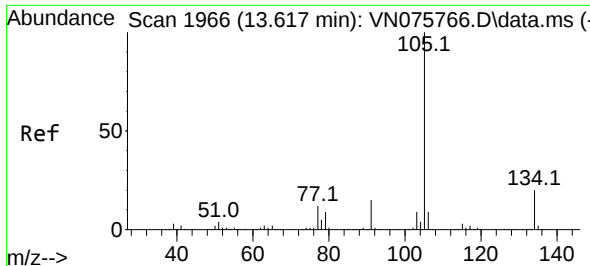
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.798 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

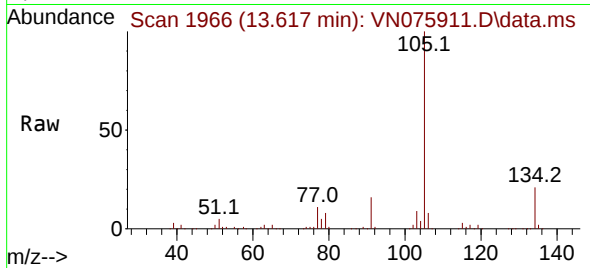
Tgt Ion:105 Resp: 274563
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.072 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075911.D
 Acq: 21 Dec 2022 11:44

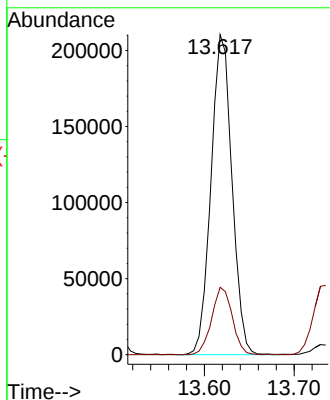
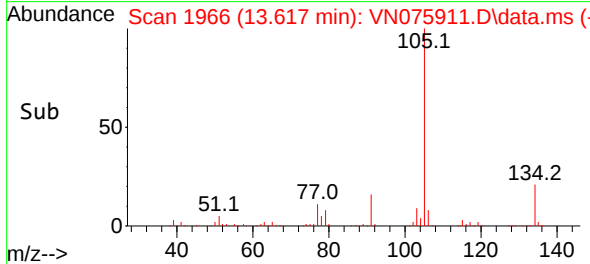
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01



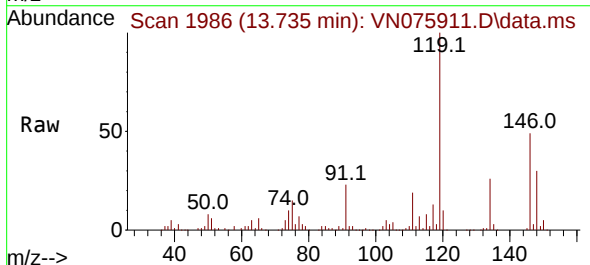
Tgt Ion:105 Resp: 341472
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

Manual Integrations
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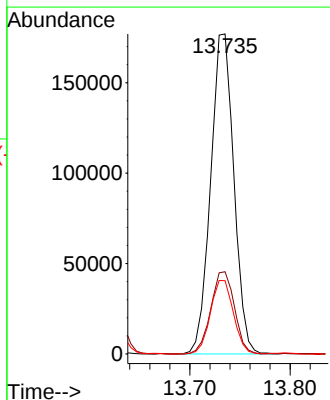
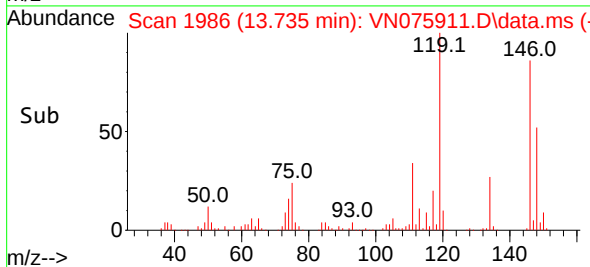
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022

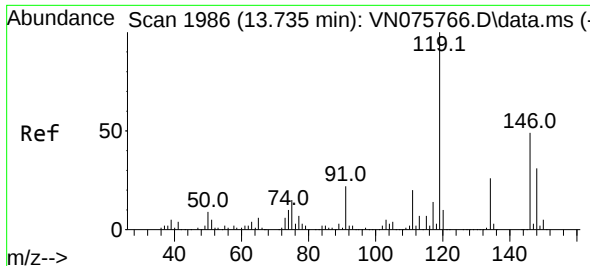


#86
 p-Isopropyltoluene
 Concen: 20.147 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075911.D
 Acq: 21 Dec 2022 11:44



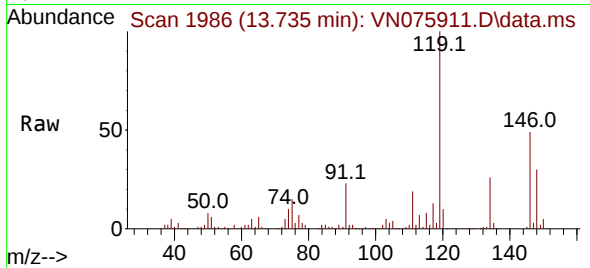
Tgt Ion:119 Resp: 285199
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 22.8 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 18.406 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN075911.D
 Acq: 21 Dec 2022 11:44

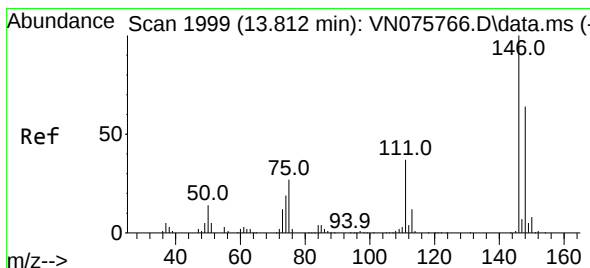
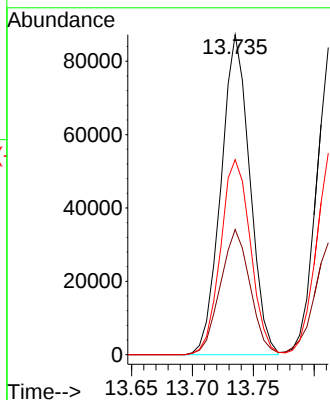
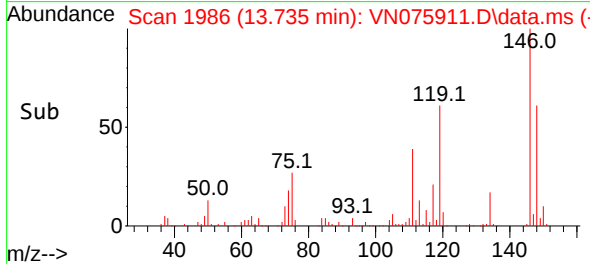
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01



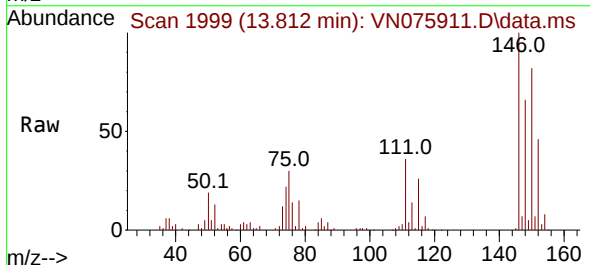
Tgt Ion:146 Resp: 143720
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.7 59.0
 148 63.4 31.4 94.2

Manual Integrations
 APPROVED

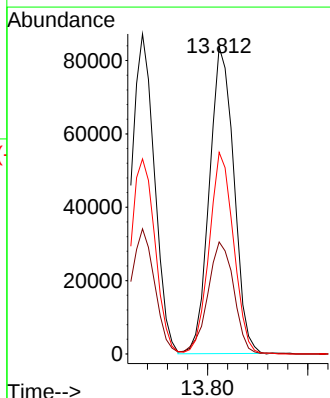
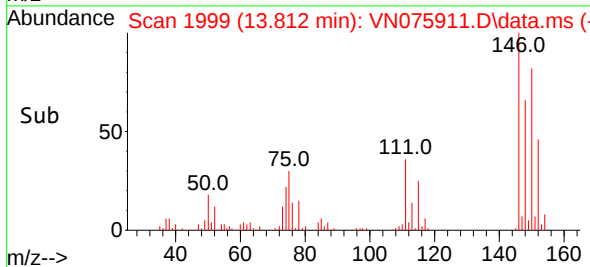
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022

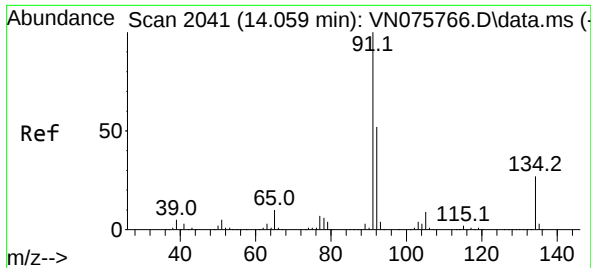


#88
 1,4-Dichlorobenzene
 Concen: 17.804 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075911.D
 Acq: 21 Dec 2022 11:44



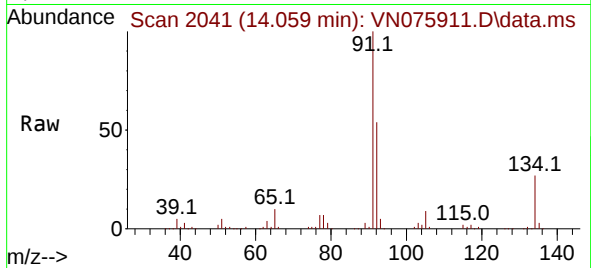
Tgt Ion:146 Resp: 142020
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.1 57.1
 148 65.4 32.0 96.2





#89
n-Butylbenzene
Concen: 19.141 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

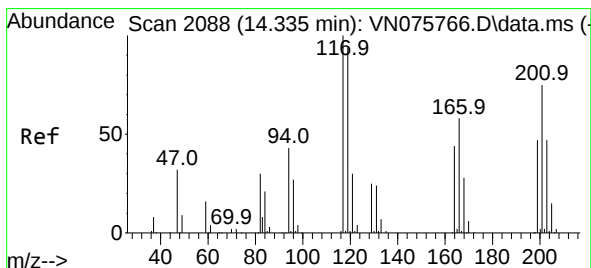
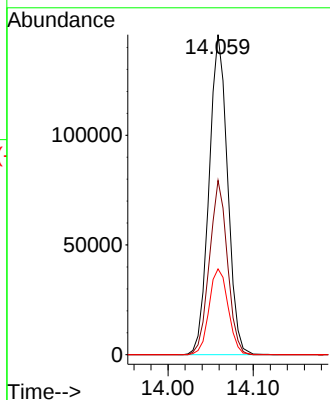
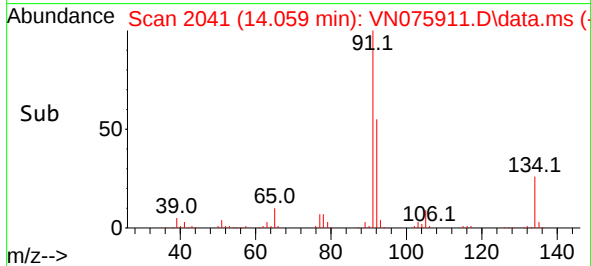
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 91 Resp: 219512
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 27.7 13.4 40.2

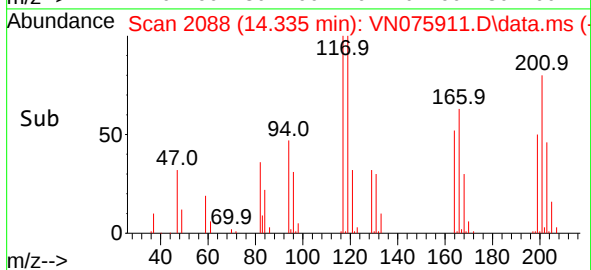
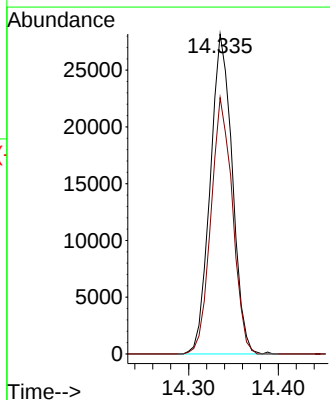
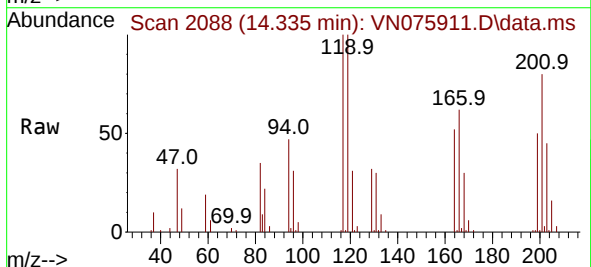
Manual Integrations
APPROVED

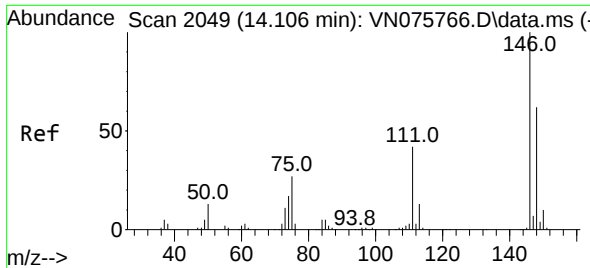
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#90
Hexachloroethane
Concen: 19.012 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

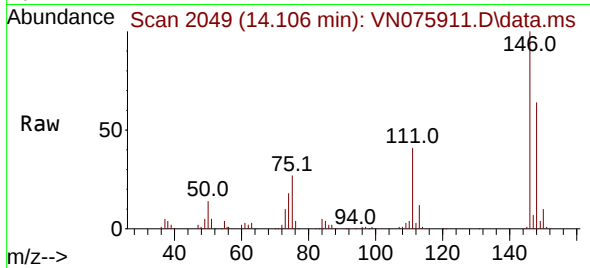
Tgt Ion:117 Resp: 48143
Ion Ratio Lower Upper
117 100
201 78.0 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 18.880 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

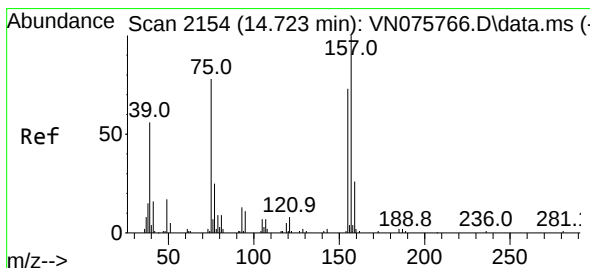
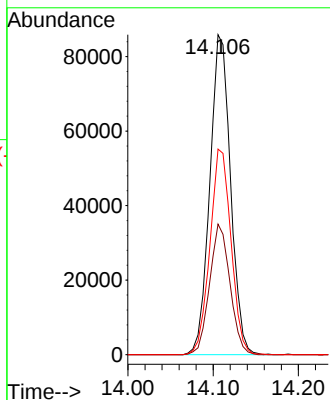
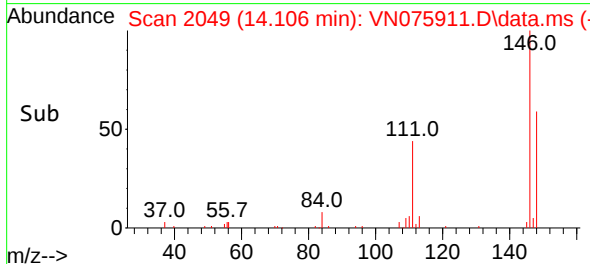
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



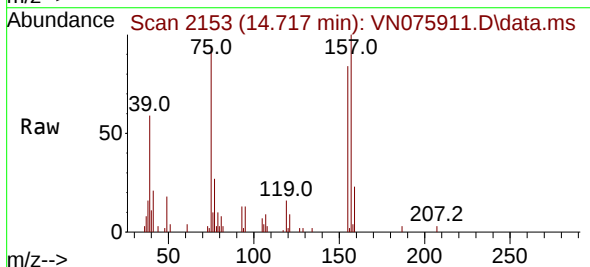
Tgt Ion:146 Resp: 14521
Ion Ratio Lower Upper
146 100
111 40.1 20.3 61.0
148 65.5 31.7 95.1

Manual Integrations
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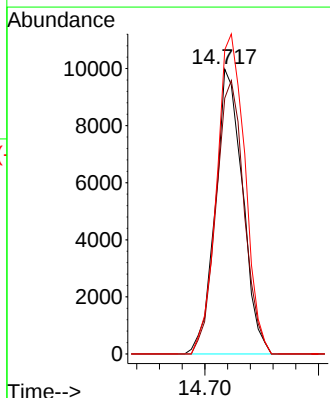
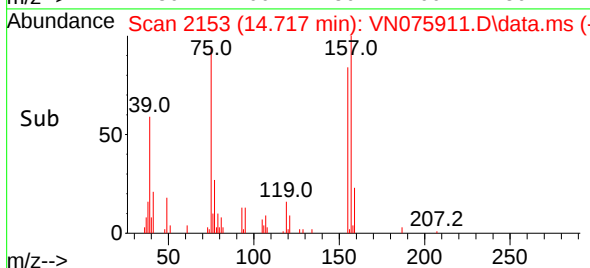
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

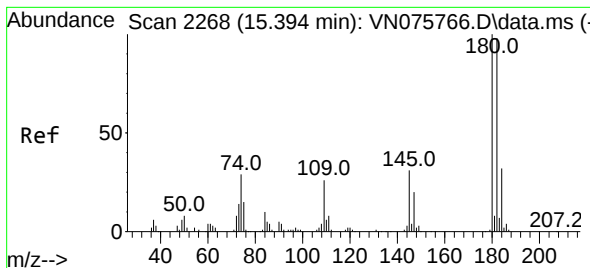


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.168 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44



Tgt Ion: 75 Resp: 16646
Ion Ratio Lower Upper
75 100
155 98.5 49.3 147.8
157 116.3 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 18.211 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

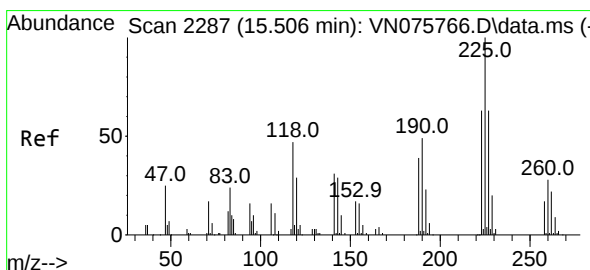
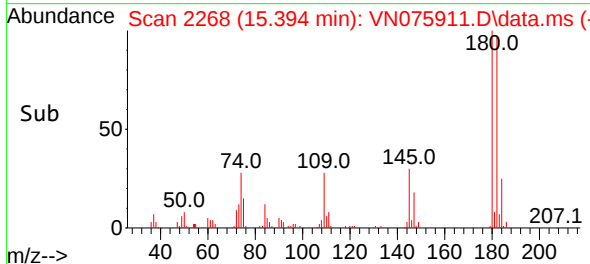
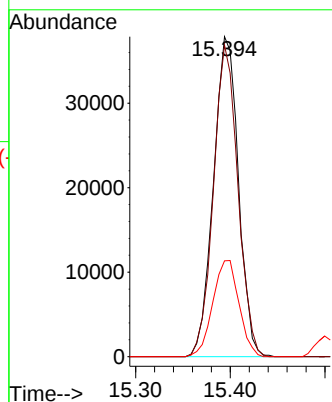
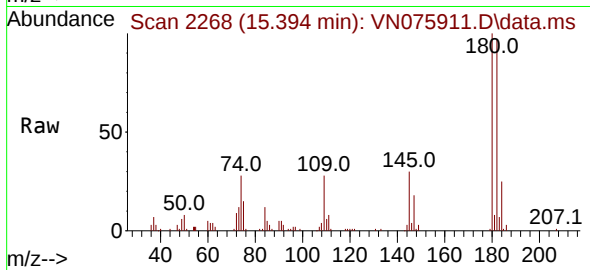
Tgt Ion:	180	Resp:	6934
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.5	142.5
145	31.5	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#94

Hexachlorobutadiene

Concen: 19.667 ug/l

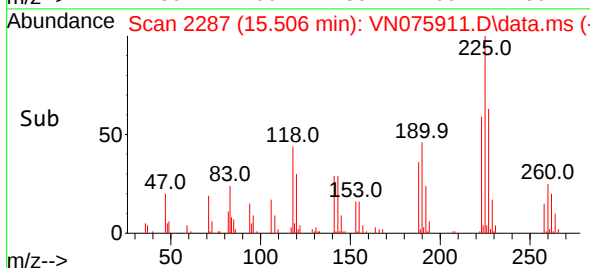
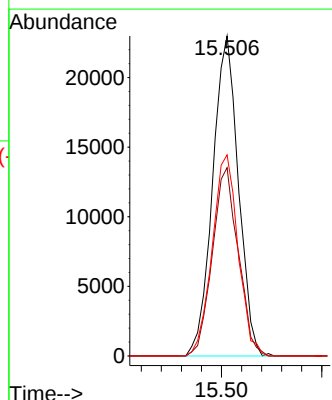
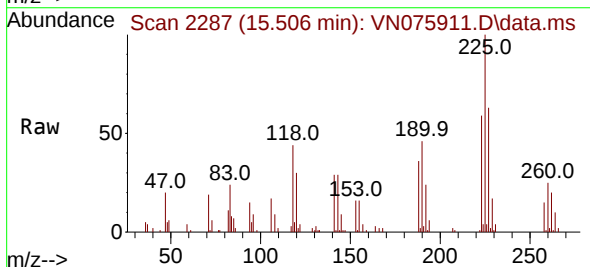
RT: 15.506 min Scan# 2287

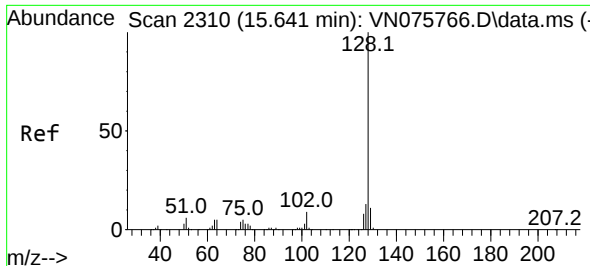
Delta R.T. -0.000 min

Lab File: VN075911.D

Acq: 21 Dec 2022 11:44

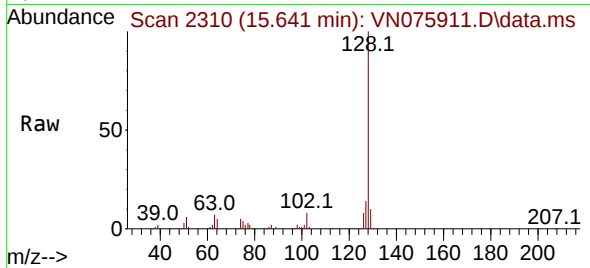
Tgt Ion:	225	Resp:	40857
Ion Ratio	Lower	Upper	
225	100		
223	59.3	31.5	94.5
227	63.3	31.6	95.0





#95
Naphthalene
Concen: 17.490 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44

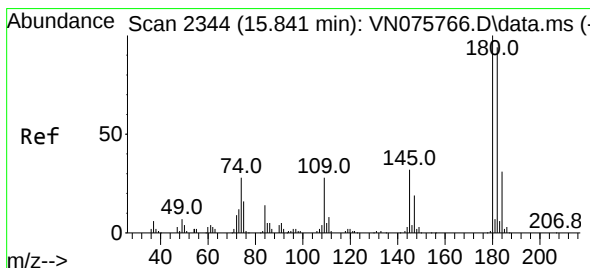
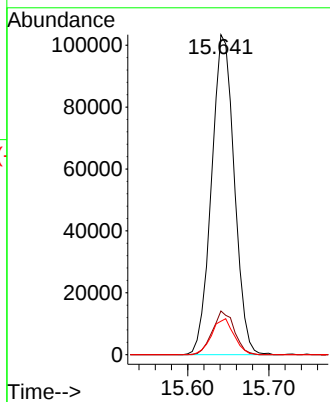
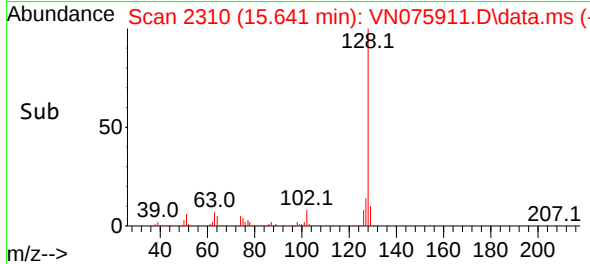
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



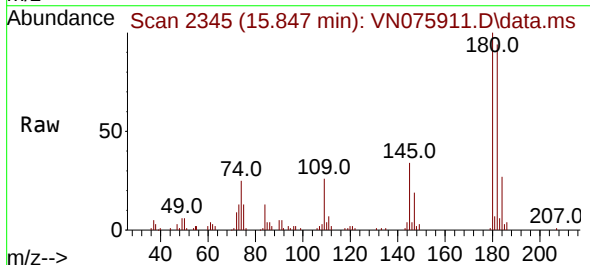
Tgt Ion:128 Resp: 20139
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.985 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075911.D
Acq: 21 Dec 2022 11:44



Tgt Ion:180 Resp: 67568
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 32.6 16.0 47.9

