

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075667.D
 Acq On : 09 Dec 2022 14:09
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 08:18:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	218338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	347842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	317936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118742	51.257	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.520%	
35) Dibromofluoromethane	8.171	113	108364	51.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.120%	
50) Toluene-d8	10.571	98	418342	52.490	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	12.853	95	143962	52.831	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	79589	49.562	ug/l	100
3) Chloromethane	2.371	50	90415	47.257	ug/l	100
4) Vinyl Chloride	2.524	62	114946	48.910	ug/l	100
5) Bromomethane	2.942	94	97637	48.779	ug/l	100
6) Chloroethane	3.118	64	85805	48.933	ug/l	100
7) Trichlorofluoromethane	3.500	101	169326	49.658	ug/l	100
8) Diethyl Ether	3.977	74	62873	50.436	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	99571	49.757	ug/l	100
10) Methyl Iodide	4.600	142	164575	50.326	ug/l	100
11) Tert butyl alcohol	5.536	59	86186	251.478	ug/l	100
12) 1,1-Dichloroethene	4.353	96	95650	51.137	ug/l	100
13) Acrolein	4.189	56	101399	256.894	ug/l	100
14) Allyl chloride	5.036	41	109103	46.840	ug/l	100
15) Acrylonitrile	5.730	53	226542	255.909	ug/l	100
16) Acetone	4.442	43	183376	233.738	ug/l	100
17) Carbon Disulfide	4.718	76	245368	49.576	ug/l	100
18) Methyl Acetate	5.036	43	117163	46.475	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	327700	52.082	ug/l	100
20) Methylene Chloride	5.283	84	110226	47.129	ug/l	100
21) trans-1,2-Dichloroethene	5.794	96	105977	50.700	ug/l	100
22) Diisopropyl ether	6.683	45	278246	52.502	ug/l	100
23) Vinyl Acetate	6.612	43	959857	237.516	ug/l	100
24) 1,1-Dichloroethane	6.577	63	177380	50.846	ug/l	100
25) 2-Butanone	7.488	43	282675	246.473	ug/l	100
26) 2,2-Dichloropropane	7.500	77	153388	51.554	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	128408	50.602	ug/l	100
28) Bromochloromethane	7.818	49	73445	52.655	ug/l	100
29) Tetrahydrofuran	7.847	42	185469	262.369	ug/l	100
30) Chloroform	7.971	83	200514	51.892	ug/l	100
31) Cyclohexane	8.259	56	165579	48.274	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	187420	52.573	ug/l	100
36) 1,1-Dichloropropene	8.377	75	146634	52.035	ug/l	100
37) Ethyl Acetate	7.571	43	114850	50.762	ug/l	100
38) Carbon Tetrachloride	8.365	117	167638	51.552	ug/l	100
39) Methylcyclohexane	9.606	83	194305	54.376	ug/l	100
40) Benzene	8.612	78	443617	51.296	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	61102	52.668	ug/l	100
42) 1,2-Dichloroethane	8.677	62	147771	51.078	ug/l	100
43) Isopropyl Acetate	8.694	43	202822	53.696	ug/l	100
44) Trichloroethene	9.353	130	124577	51.061	ug/l	100
45) 1,2-Dichloropropane	9.624	63	104752	50.928	ug/l	100
46) Dibromomethane	9.712	93	80187	51.926	ug/l	100
47) Bromodichloromethane	9.894	83	160933	53.152	ug/l	100
48) Methyl methacrylate	9.682	41	92322	53.069	ug/l	100
49) 1,4-Dioxane	9.694	88	44677	1056.492	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	609888	261.857	ug/l	100
52) Toluene	10.629	92	302313	52.887	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	168824	56.456	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	181365	54.514	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	117317	52.198	ug/l	100
56) Ethyl methacrylate	10.876	69	168331	55.274	ug/l	100
57) 1,3-Dichloropropane	11.165	76	187982	51.747	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	256565	285.332	ug/l	100
59) 2-Hexanone	11.200	43	449573	265.685	ug/l	100
60) Dibromochloromethane	11.359	129	132856	53.719	ug/l	100
61) 1,2-Dibromoethane	11.470	107	122475	52.012	ug/l	100
64) Tetrachloroethene	11.106	164	111111	47.979	ug/l	100
65) Chlorobenzene	11.894	112	330660	50.547	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	123906	52.061	ug/l	100
67) Ethyl Benzene	11.965	91	584775	52.842	ug/l	100
68) m/p-Xylenes	12.076	106	474362	106.085	ug/l	100
69) o-Xylene	12.400	106	233130	53.728	ug/l	100
70) Styrene	12.412	104	384418	55.238	ug/l	100
71) Bromoform	12.582	173	101439	56.229	ug/l #	100
73) Isopropylbenzene	12.700	105	612931	51.109	ug/l	100
74) N-amyl acetate	12.494	43	185577	53.258	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	170359	47.289	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	208627	62.198	ug/l	74
77) Bromobenzene	12.982	156	148228	49.149	ug/l	100
78) n-propylbenzene	13.041	91	698904	52.519	ug/l	100
79) 2-Chlorotoluene	13.129	91	404590	49.246	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	527220	52.583	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50191	48.820	ug/l	100
82) 4-Chlorotoluene	13.129	91	404590	49.246	ug/l	100
83) tert-Butylbenzene	13.441	119	463700	50.999	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	530904	52.684	ug/l	100
85) sec-Butylbenzene	13.617	105	667646	53.413	ug/l	100
86) p-Isopropyltoluene	13.729	119	569883	54.488	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	281545	49.918	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	283689	49.449	ug/l	100
89) n-Butylbenzene	14.059	91	461071	55.002	ug/l	100
90) Hexachloroethane	14.335	117	95735	53.439	ug/l	100
91) 1,2-Dichlorobenzene	14.111	146	279380	49.779	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31567	53.325	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	149444	55.462	ug/l	100
94) Hexachlorobutadiene	15.506	225	80153	52.429	ug/l	100
95) Naphthalene	15.647	128	431953	54.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	143738	54.289	ug/l	100

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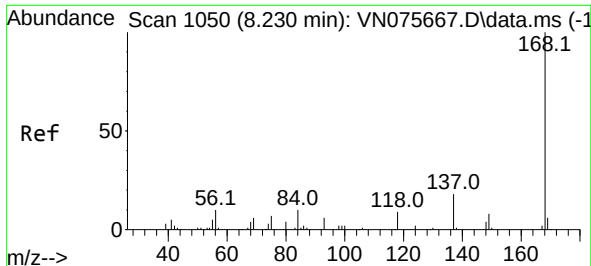
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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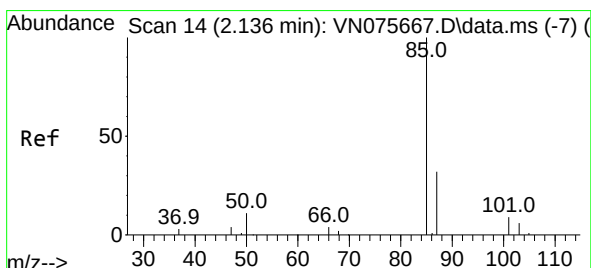
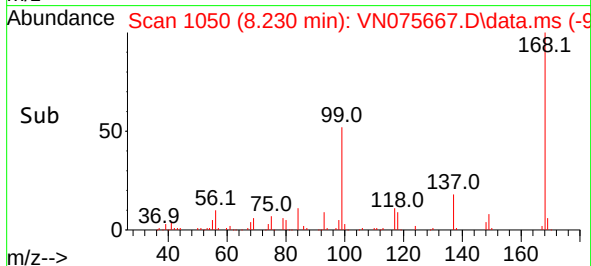
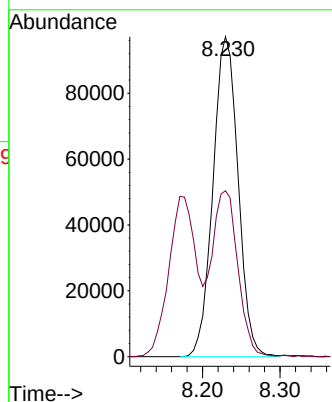
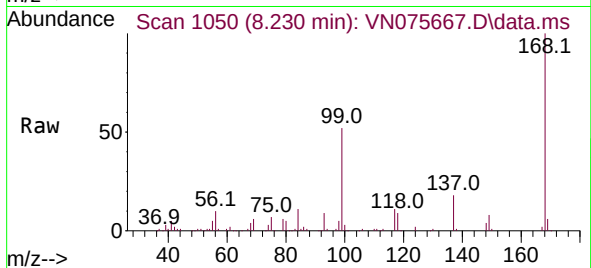




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075667.D
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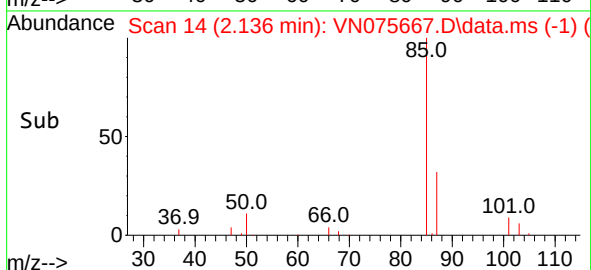
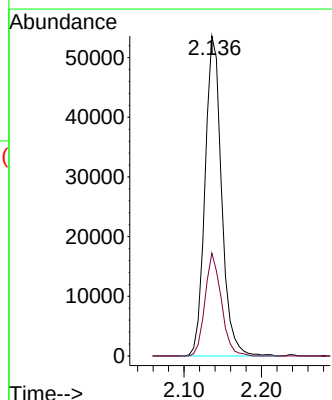
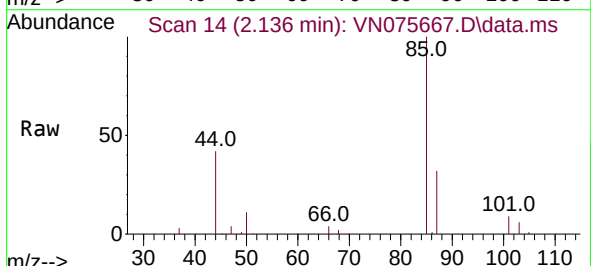
Instrument :
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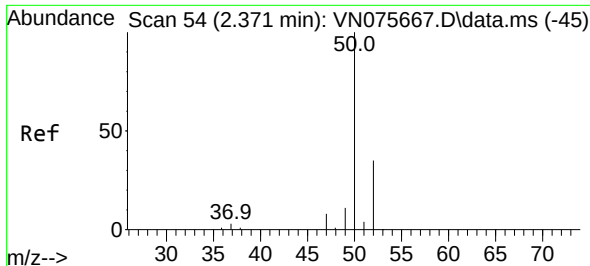
Tgt Ion:168 Resp: 218338
Ion Ratio Lower Upper
168 100
99 51.5 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 49.562 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 85 Resp: 79589
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

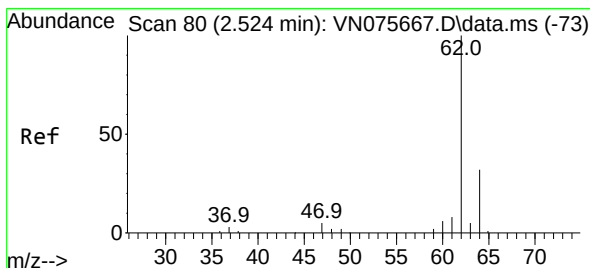
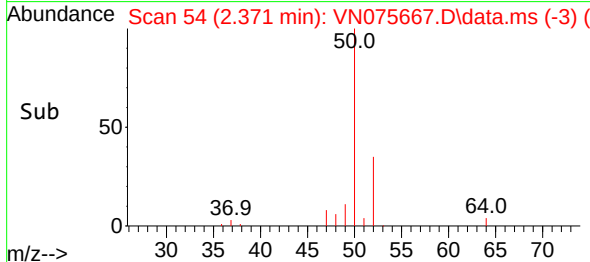
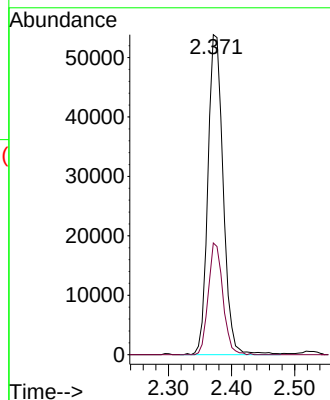
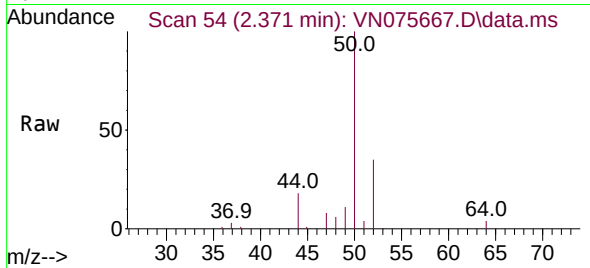




#3
Chloromethane
Concen: 47.257 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

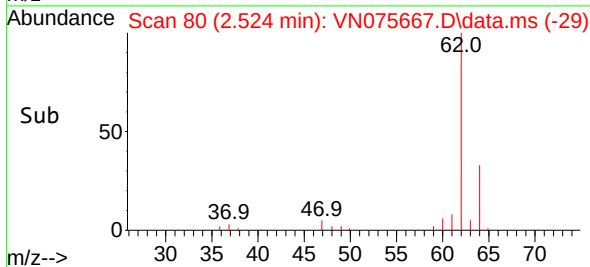
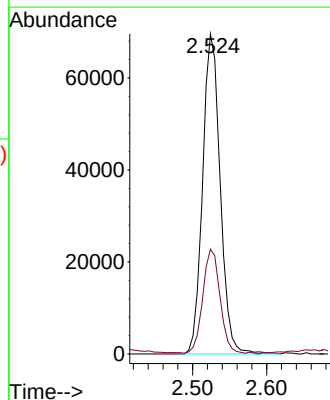
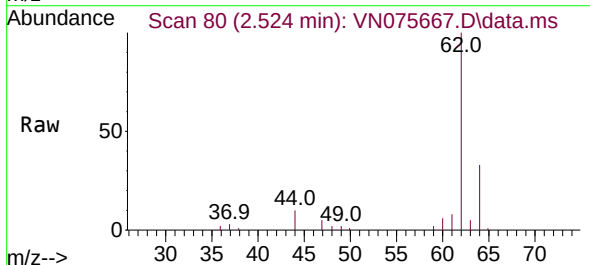
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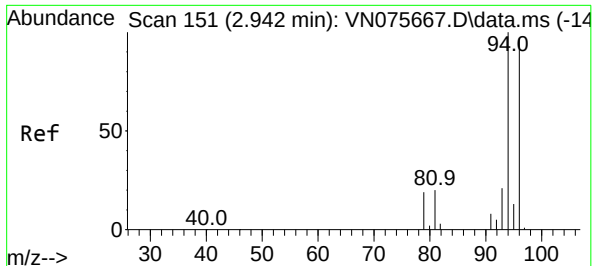
Tgt Ion: 50 Resp: 90415
Ion Ratio Lower Upper
50 100
52 34.9 27.9 41.9



#4
Vinyl Chloride
Concen: 48.910 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 62 Resp: 114946
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9

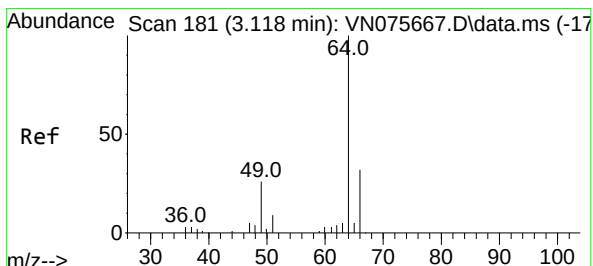
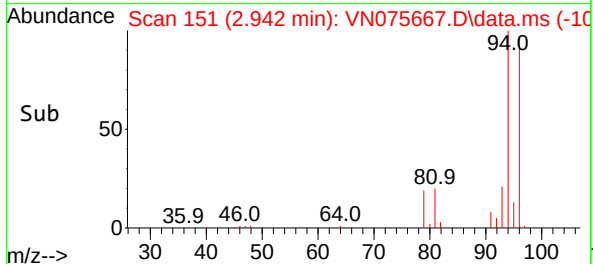
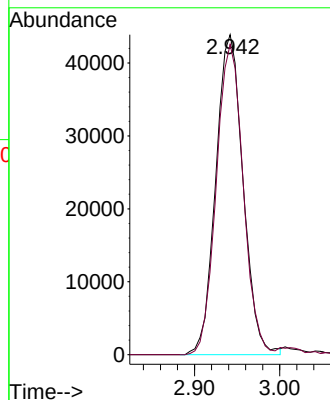
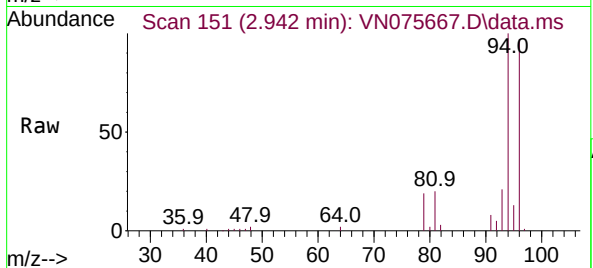




#5
Bromomethane
Concen: 48.779 ug/l
RT: 2.942 min Scan# 151
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

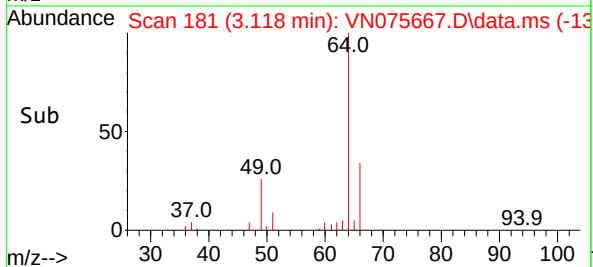
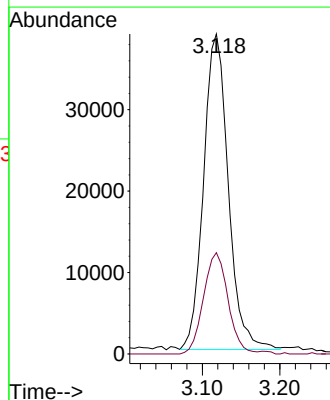
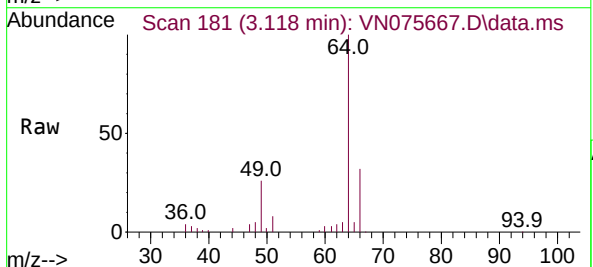
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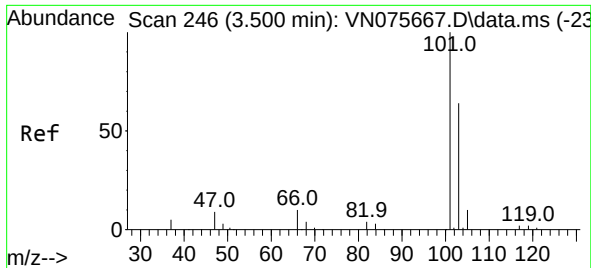
Tgt Ion: 94 Resp: 97637
Ion Ratio Lower Upper
94 100
96 97.0 77.6 116.4



#6
Chloroethane
Concen: 48.933 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 64 Resp: 85805
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

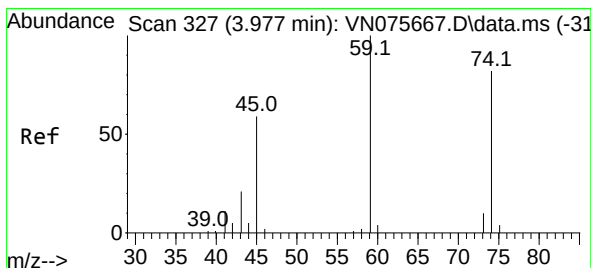
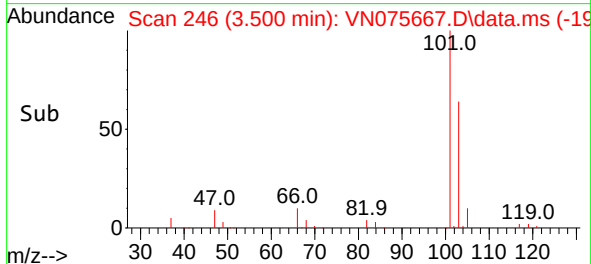
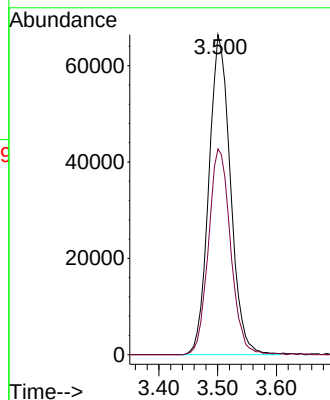
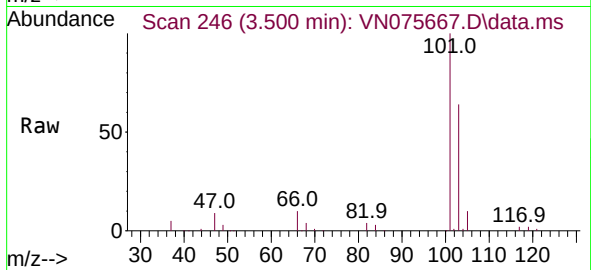




#7
 Trichlorofluoromethane
 Concen: 49.658 ug/l
 RT: 3.500 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VN075667.D
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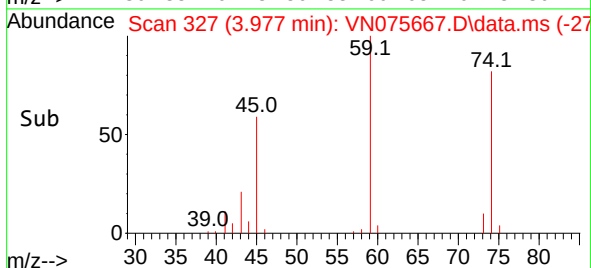
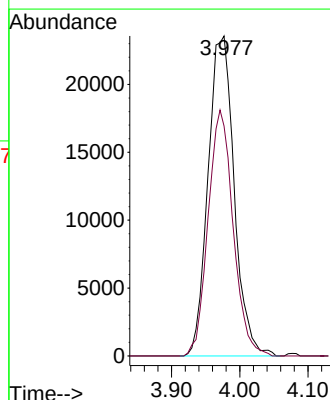
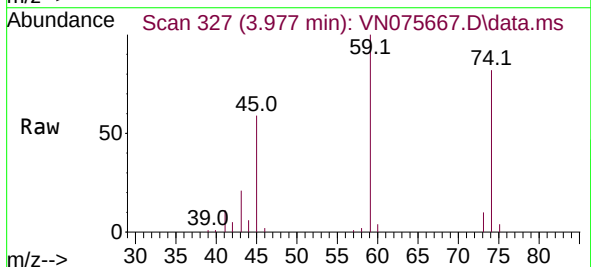
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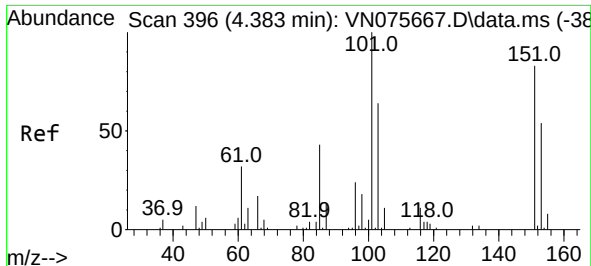
Tgt Ion:101 Resp: 169326
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 50.436 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

Tgt Ion: 74 Resp: 62873
 Ion Ratio Lower Upper
 74 100
 45 73.6 36.8 110.4

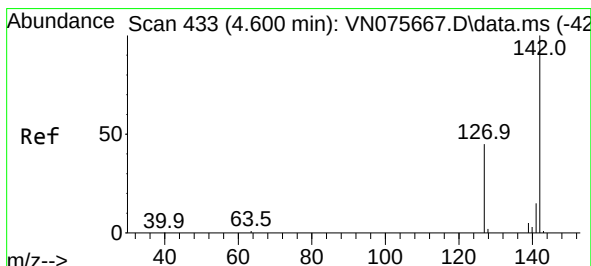
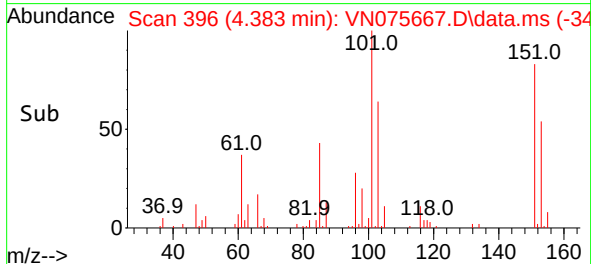
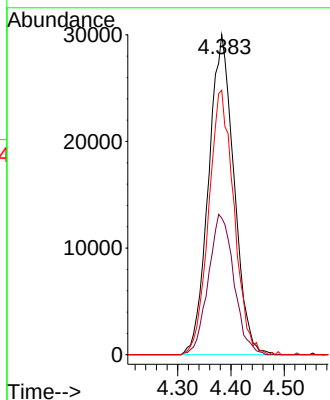
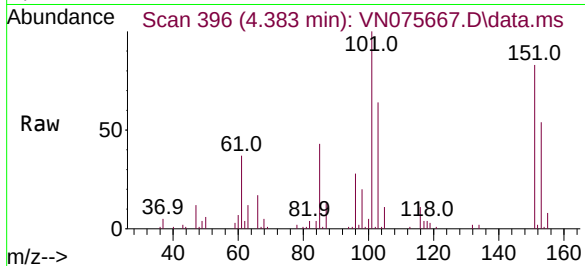




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.757 ug/l
 RT: 4.383 min Scan# 396
 Delta R.T. 0.000 min
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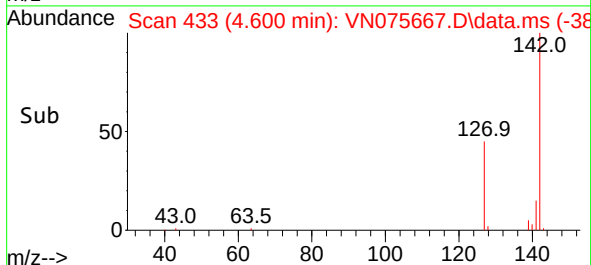
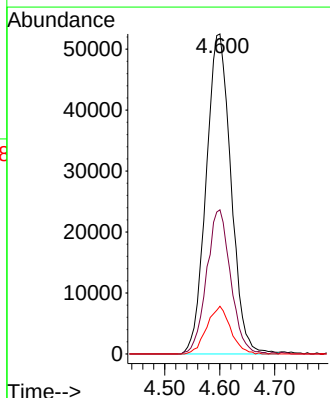
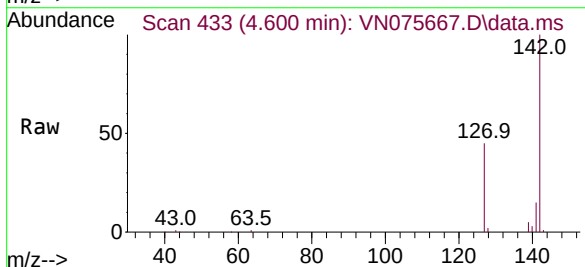
Instrument :
 MSVOA_N
 ClientSampleId :

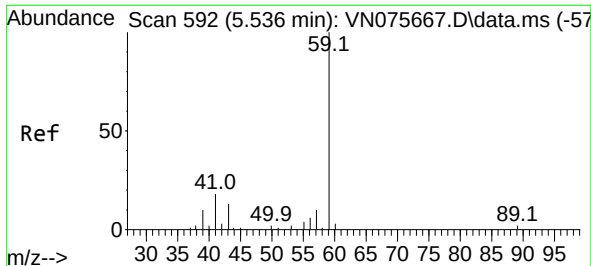
Tgt Ion:101 Resp: 99571
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.3 52.9
 151 82.0 65.6 98.4



#10
 Methyl Iodide
 Concen: 50.326 ug/l
 RT: 4.600 min Scan# 433
 Delta R.T. 0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

Tgt Ion:142 Resp: 164575
 Ion Ratio Lower Upper
 142 100
 127 43.7 35.0 52.4
 141 14.3 11.4 17.2

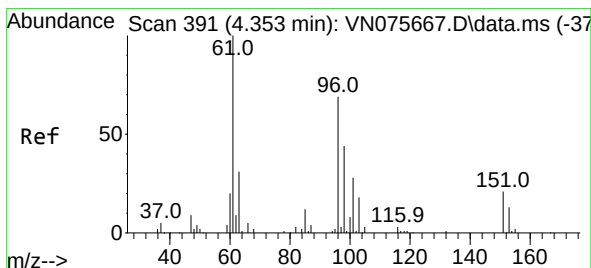
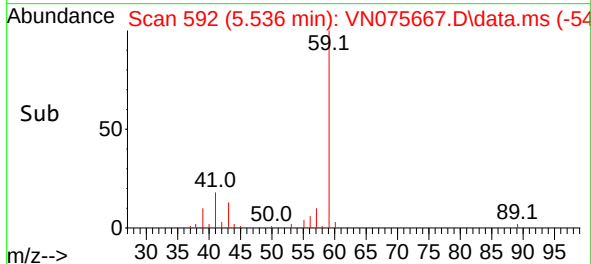
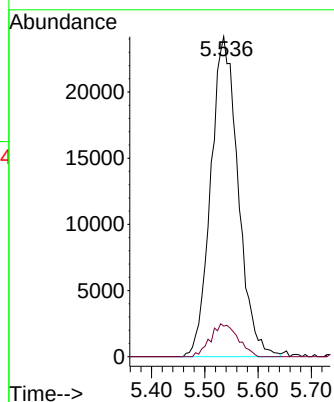
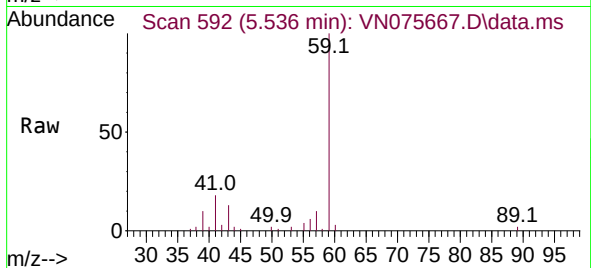




#11
Tert butyl alcohol
Concen: 251.478 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

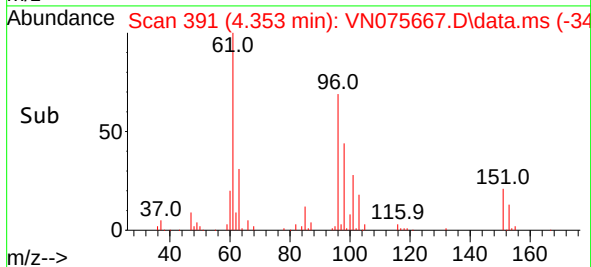
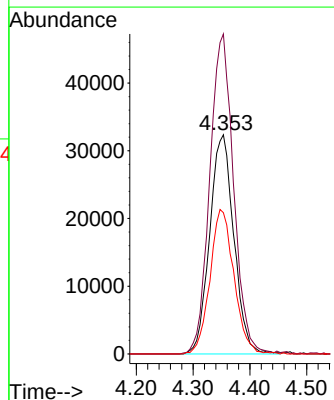
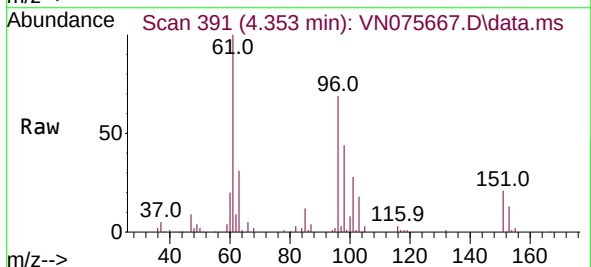
Instrument :
MSVOA_N
ClientSampleId :

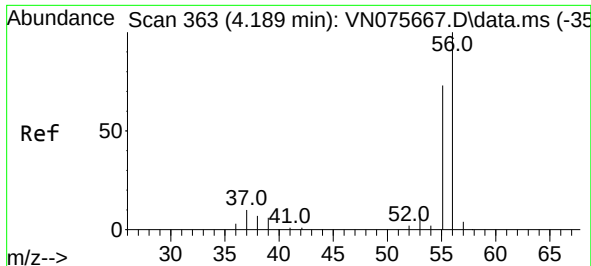
Tgt Ion: 59 Resp: 86186
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.137 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

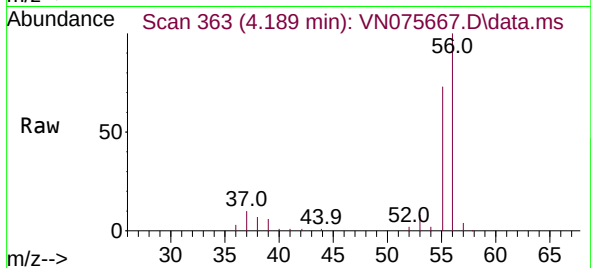
Tgt Ion: 96 Resp: 95650
Ion Ratio Lower Upper
96 100
61 146.0 116.8 175.2
98 64.5 51.6 77.4



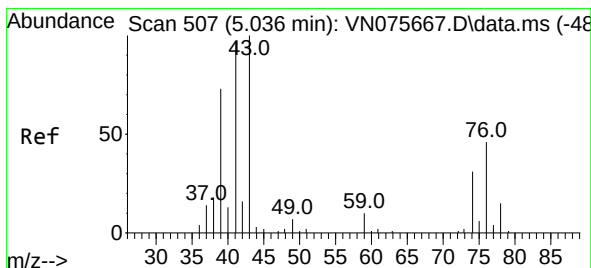
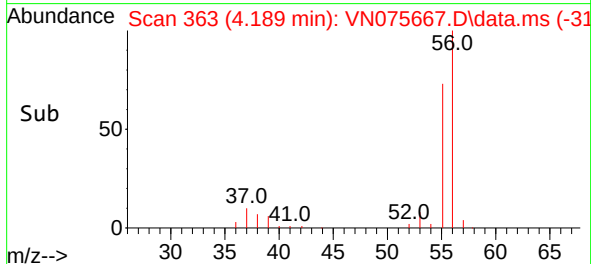
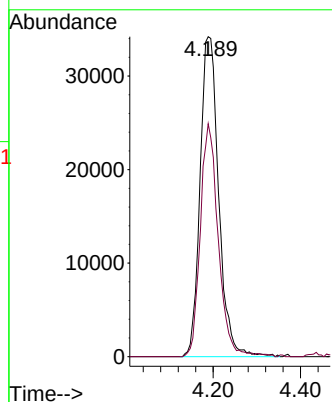


#13
Acrolein
Concen: 256.894 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :

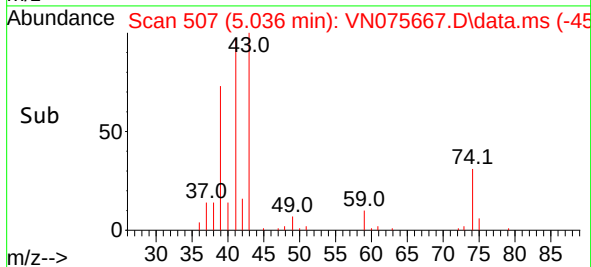
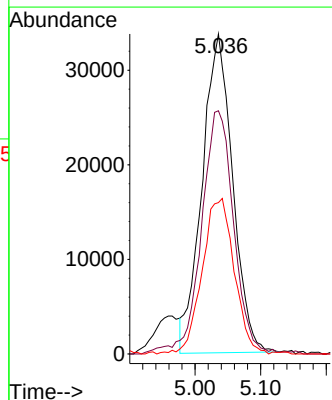
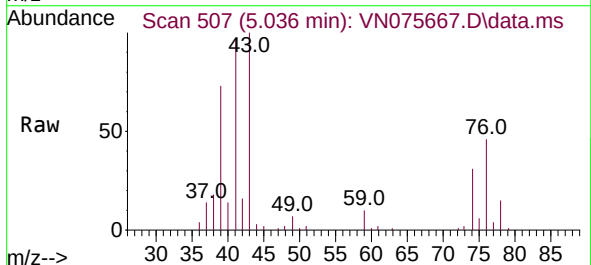


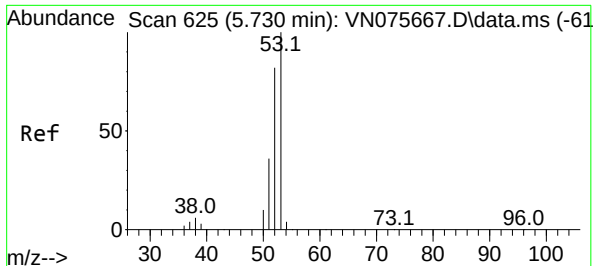
Tgt Ion: 56 Resp: 101399
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Allyl chloride
Concen: 46.840 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

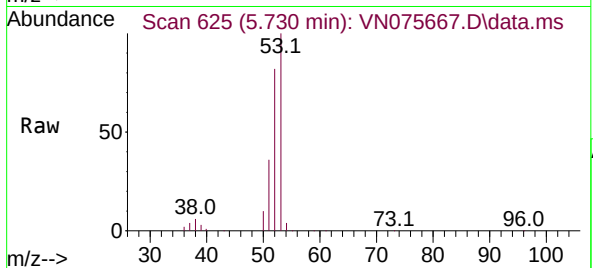
Tgt Ion: 41 Resp: 109103
Ion Ratio Lower Upper
41 100
39 80.7 64.6 96.8
76 51.1 40.9 61.3



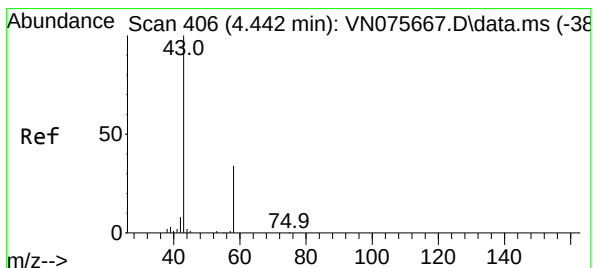
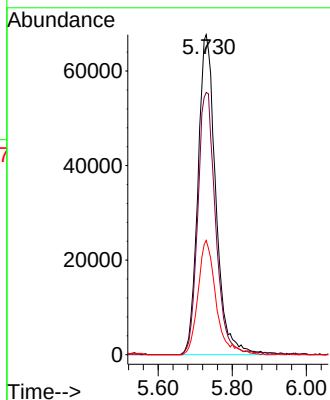
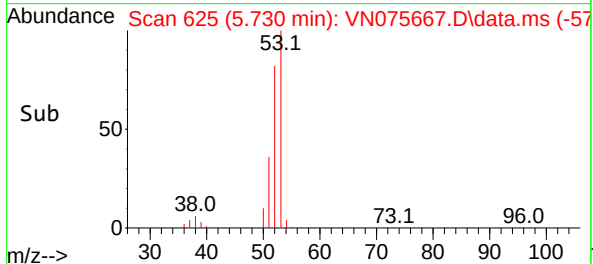


#15
Acrylonitrile
Concen: 255.909 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :

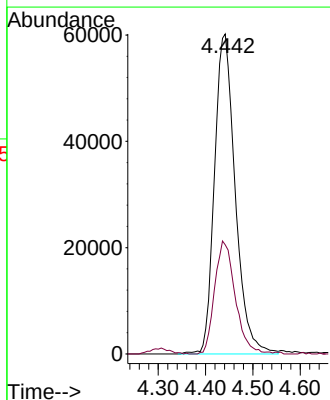
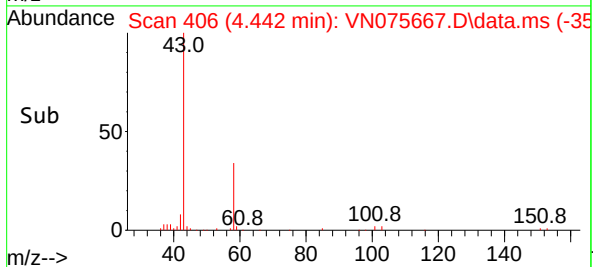
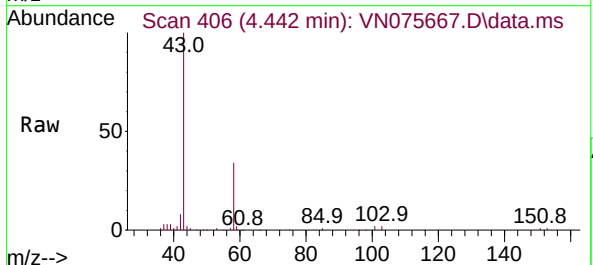


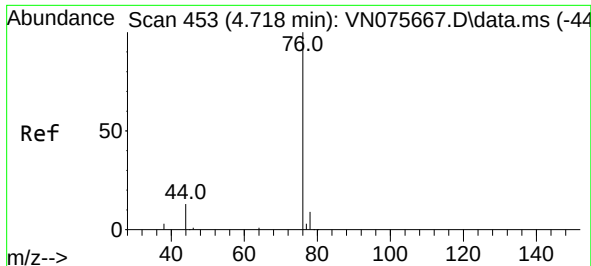
Tgt Ion: 53 Resp: 226542
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 36.1 28.9 43.3



#16
Acetone
Concen: 233.738 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 43 Resp: 183376
Ion Ratio Lower Upper
43 100
58 33.7 27.0 40.4

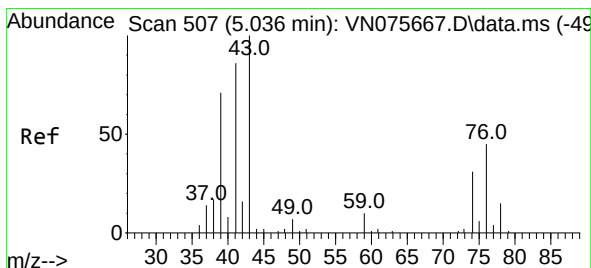
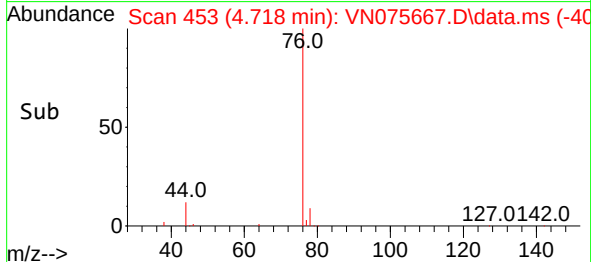
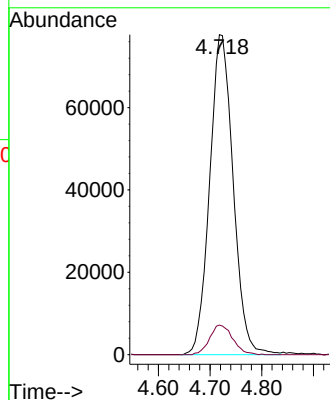
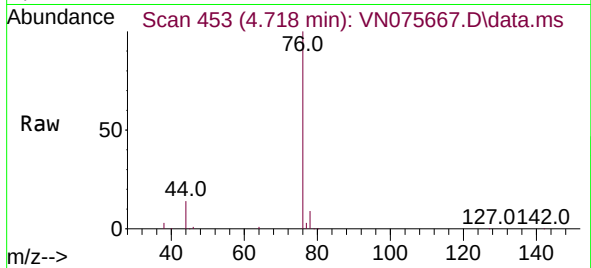




#17
Carbon Disulfide
Concen: 49.576 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

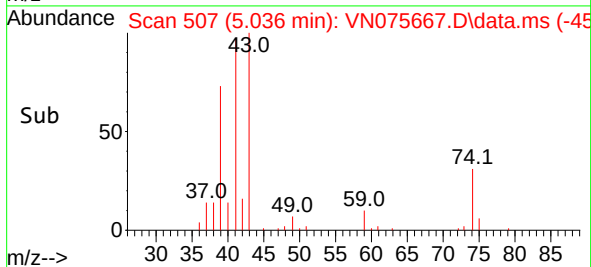
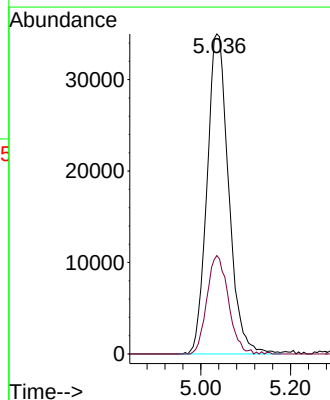
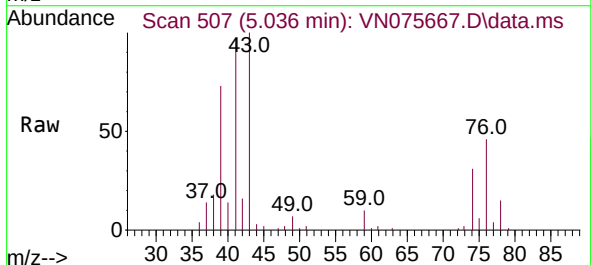
Instrument :
MSVOA_N
ClientSampleId :

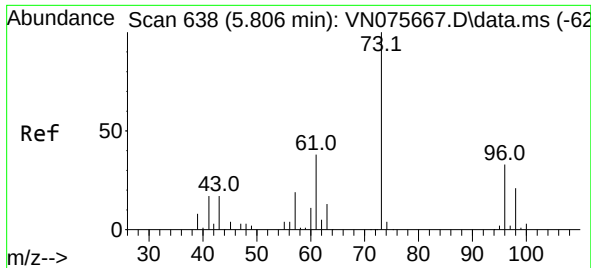
Tgt Ion: 76 Resp: 245368
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 46.475 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 43 Resp: 117163
Ion Ratio Lower Upper
43 100
74 30.6 24.5 36.7

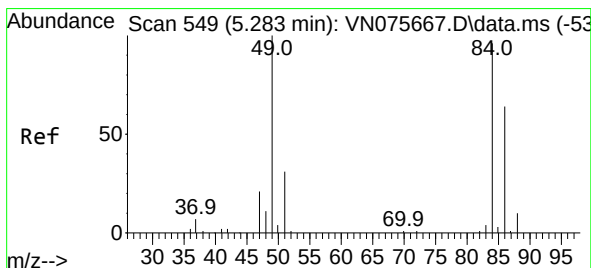
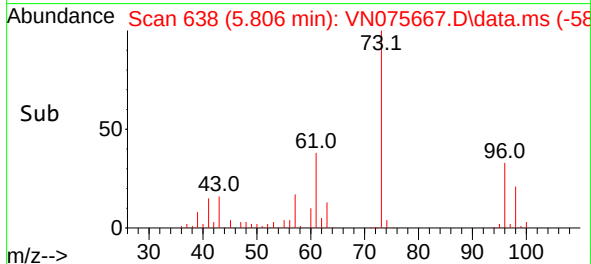
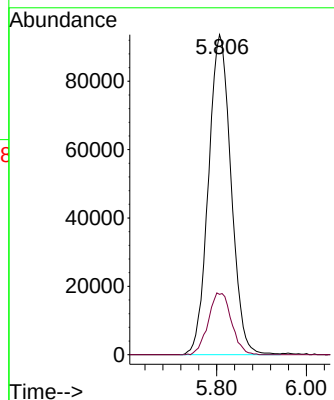
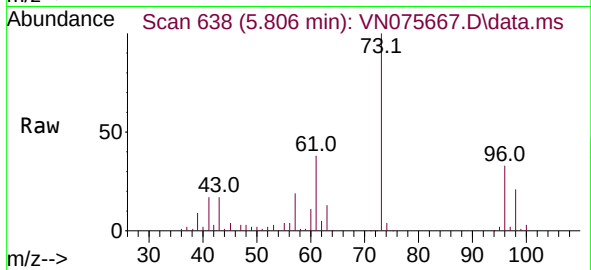




#19
Methyl tert-butyl Ether
Concen: 52.082 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

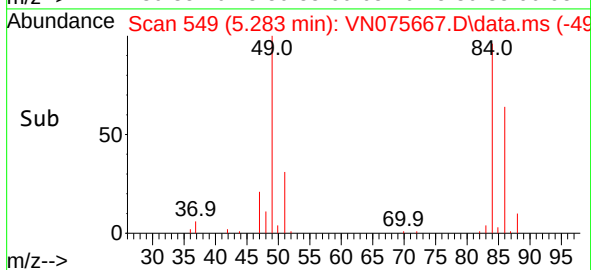
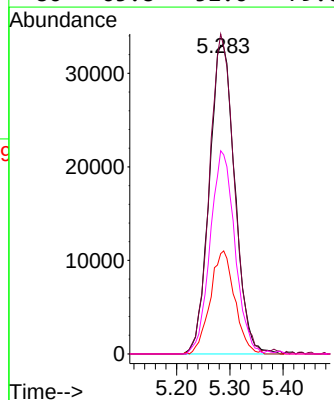
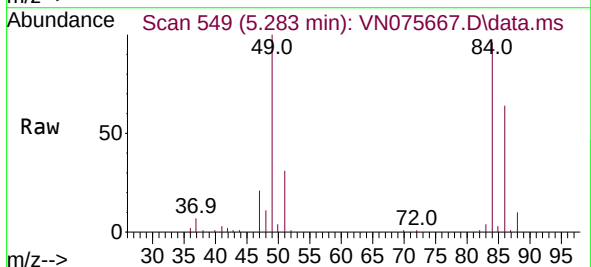
Instrument :
MSVOA_N
ClientSampleId :

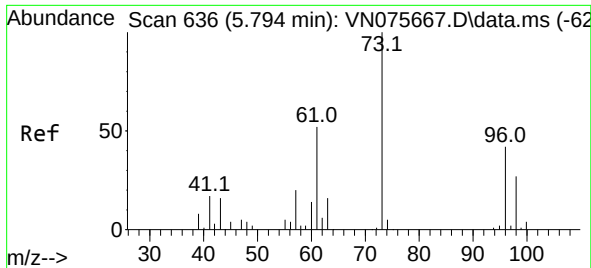
Tgt Ion: 73 Resp: 327700
Ion Ratio Lower Upper
73 100
57 18.9 15.1 22.7



#20
Methylene Chloride
Concen: 47.129 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 84 Resp: 110226
Ion Ratio Lower Upper
84 100
49 103.7 83.0 124.4
51 32.5 26.0 39.0
86 65.8 52.6 79.0

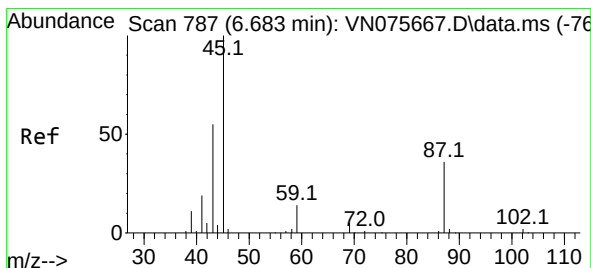
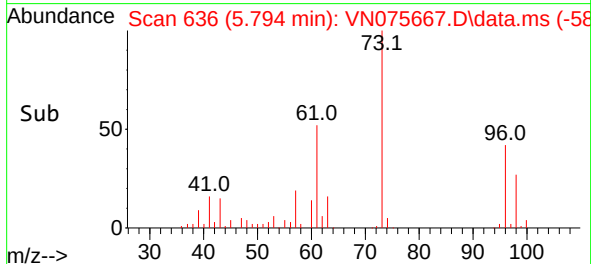
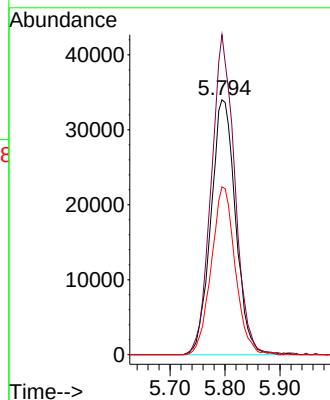
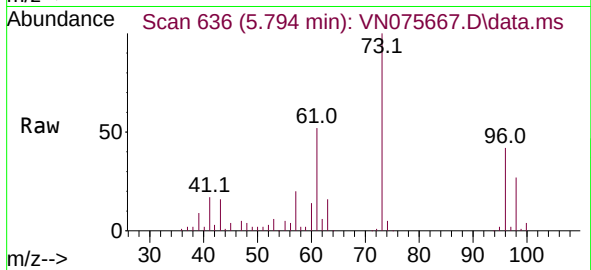




#21
trans-1,2-Dichloroethene
Concen: 50.700 ug/l
RT: 5.794 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

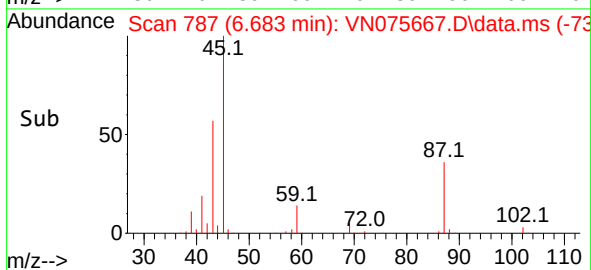
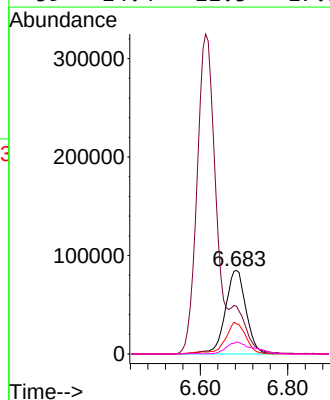
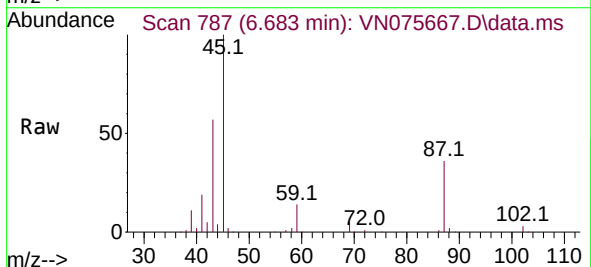
Instrument :
MSVOA_N
ClientSampleId :

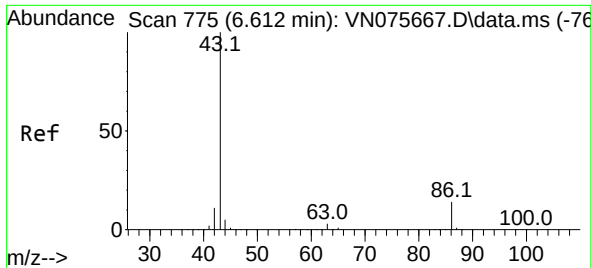
Tgt Ion: 96 Resp: 105977
Ion Ratio Lower Upper
96 100
61 125.6 100.5 150.7
98 65.9 52.7 79.1



#22
Diisopropyl ether
Concen: 52.502 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 45 Resp: 278246
Ion Ratio Lower Upper
45 100
43 56.1 44.9 67.3
87 36.0 28.8 43.2
59 14.4 11.5 17.3

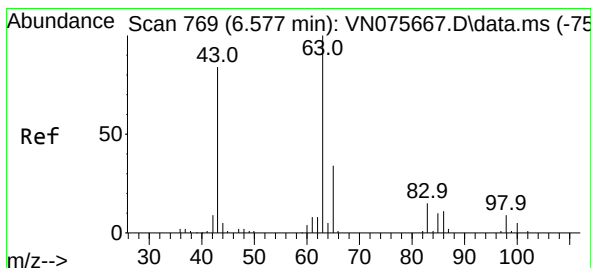
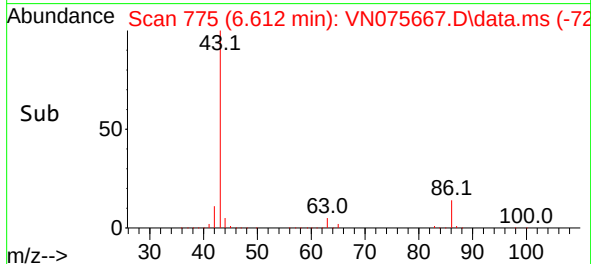
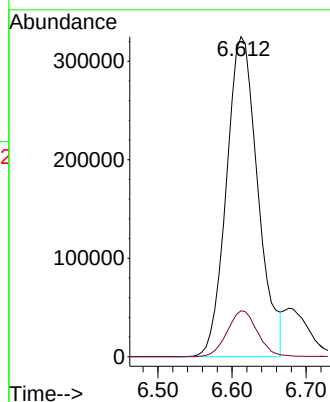
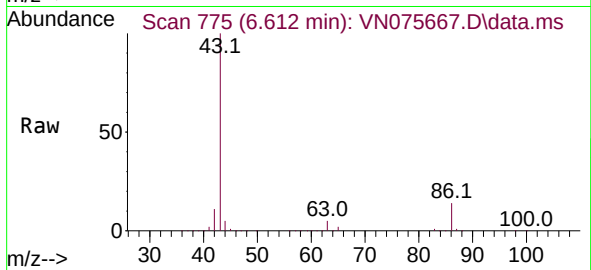




#23
 Vinyl Acetate
 Concen: 237.516 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

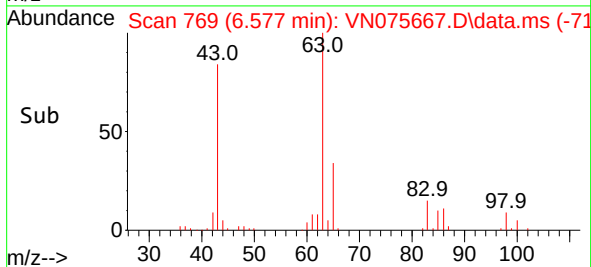
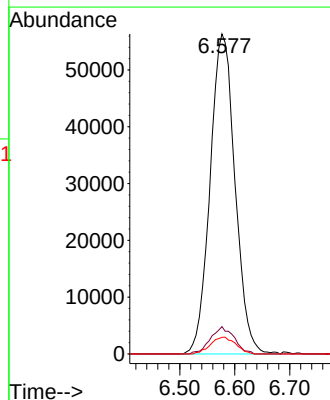
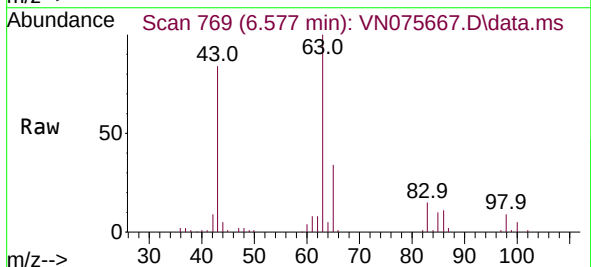
Instrument :
 MSVOA_N
 ClientSampleId :

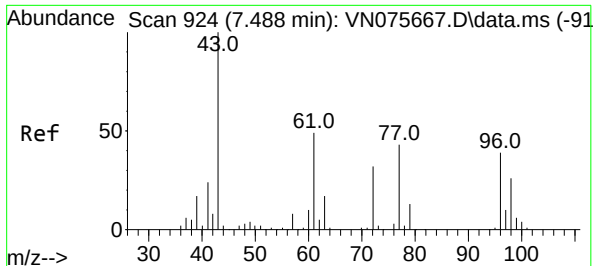
Tgt Ion: 43 Resp: 959857
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 50.846 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

Tgt Ion: 63 Resp: 177380
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.3 12.9
 100 5.2 2.6 7.8





#25

2-Butanone

Concen: 246.473 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

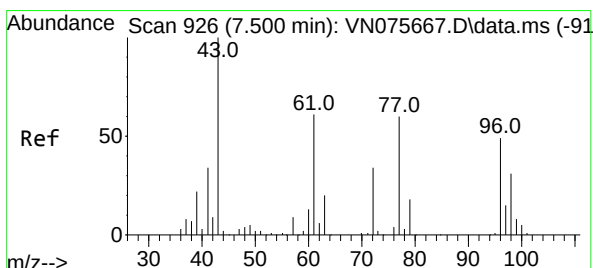
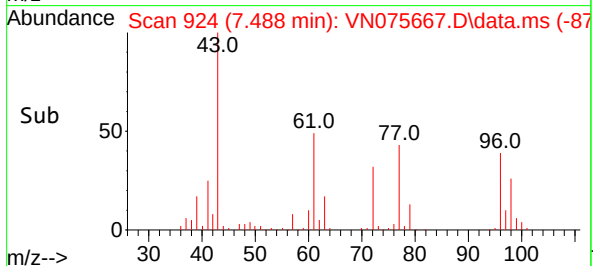
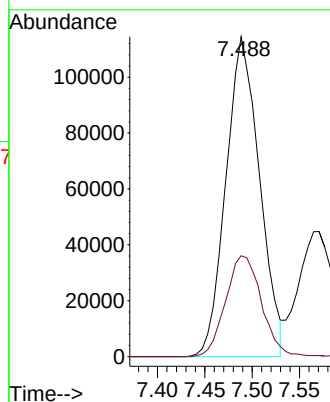
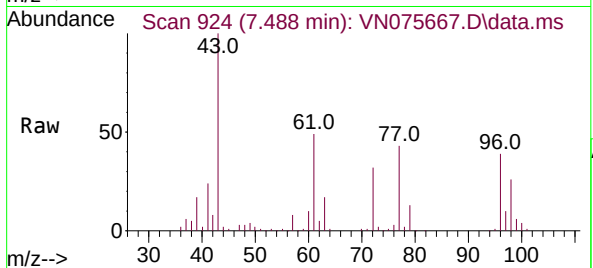
ClientSampleId :

Tgt Ion: 43 Resp: 282675

Ion Ratio Lower Upper

43 100

72 31.6 25.3 37.9



#26

2,2-Dichloropropane

Concen: 51.554 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075667.D

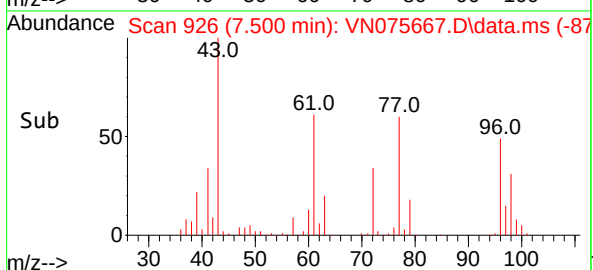
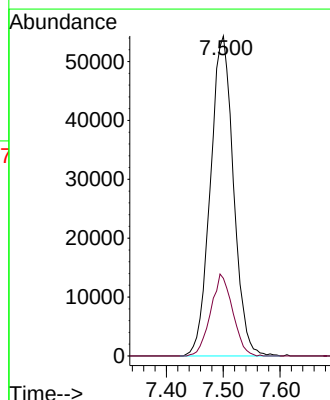
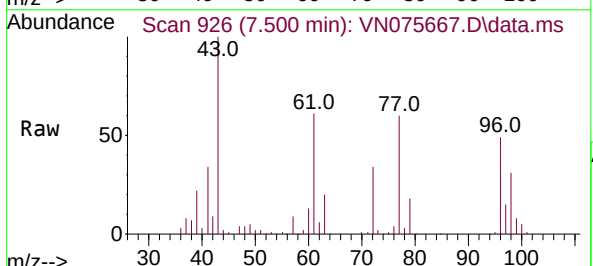
Acq: 09 Dec 2022 14:09

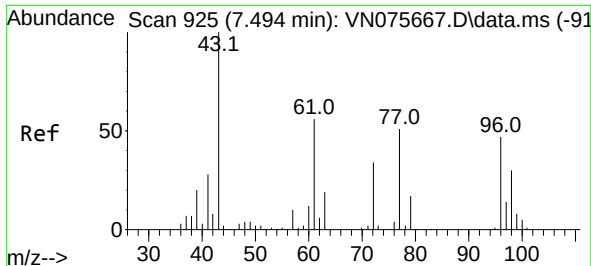
Tgt Ion: 77 Resp: 153388

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 50.602 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

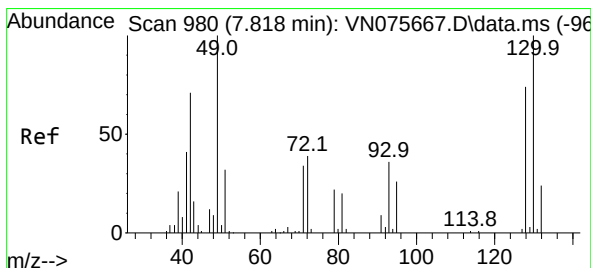
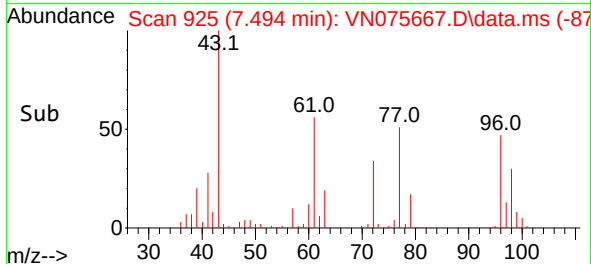
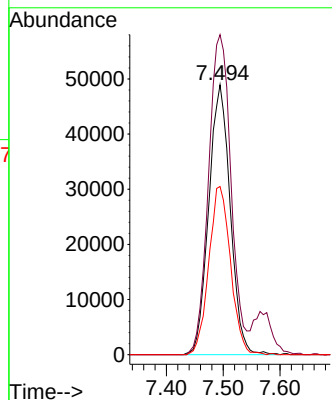
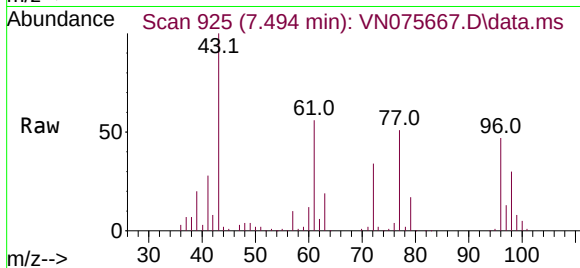
Tgt Ion: 96 Resp: 128408

Ion Ratio Lower Upper

96 100

61 123.9 0.0 247.8

98 63.0 0.0 126.0



#28

Bromochloromethane

Concen: 52.655 ug/l

RT: 7.818 min Scan# 980

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

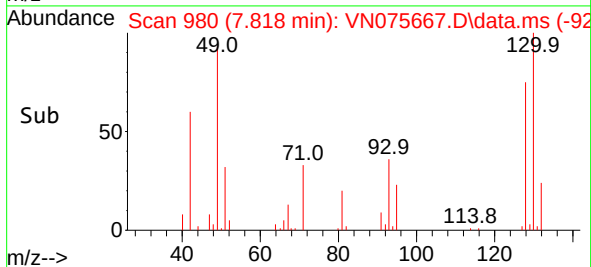
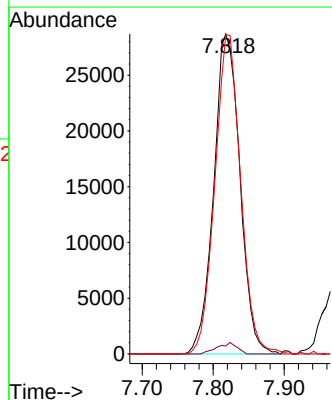
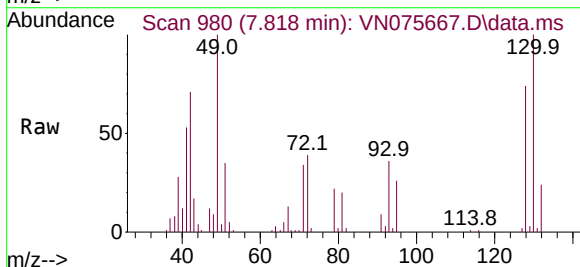
Tgt Ion: 49 Resp: 73445

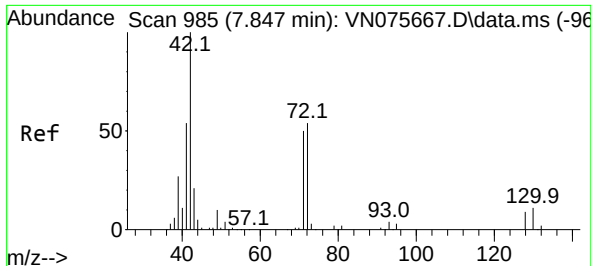
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.4

130 98.1 78.5 117.7

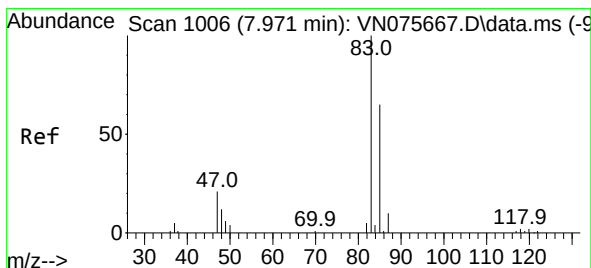
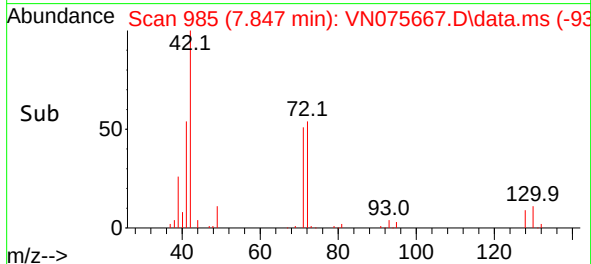
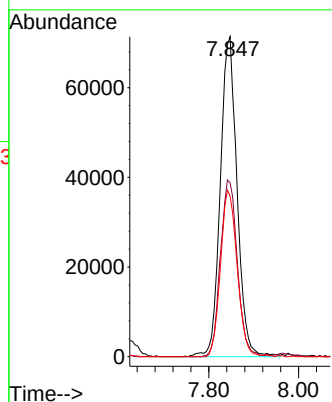
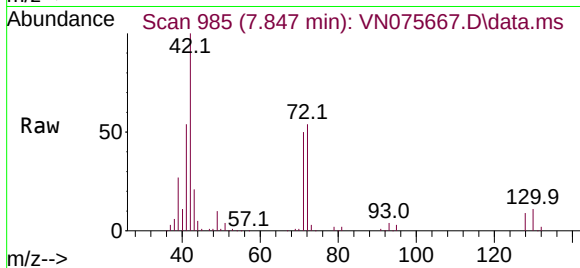




#29
Tetrahydrofuran
Concen: 262.369 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

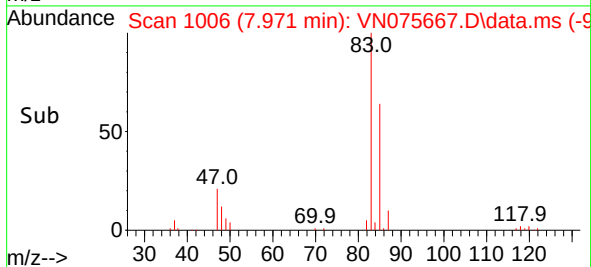
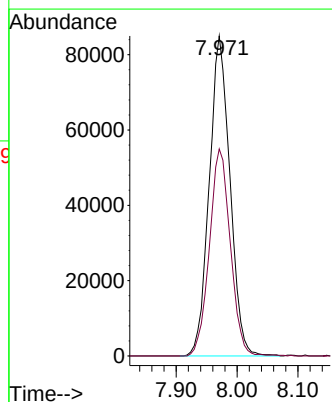
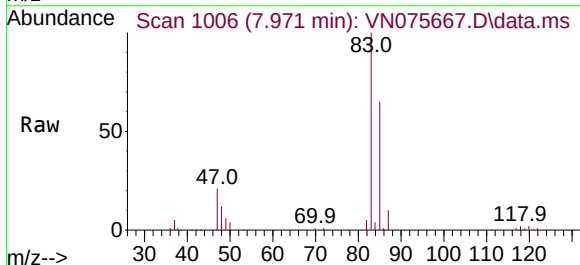
Instrument :
MSVOA_N
ClientSampleId :

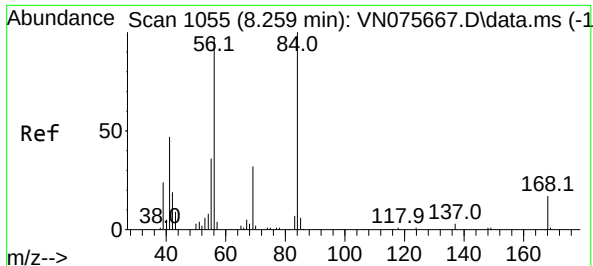
Tgt Ion: 42 Resp: 185469
Ion Ratio Lower Upper
42 100
72 55.8 44.6 67.0
71 51.5 41.2 61.8



#30
Chloroform
Concen: 51.892 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 83 Resp: 200514
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6





#31

Cyclohexane

Concen: 48.274 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

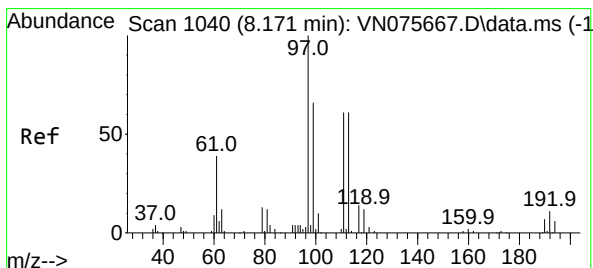
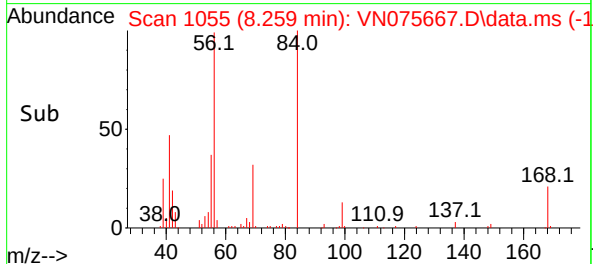
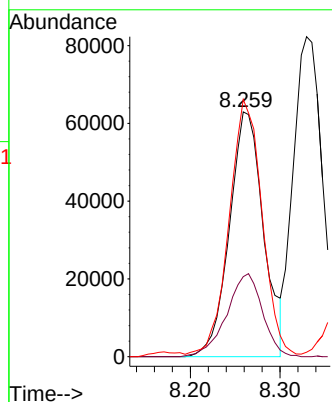
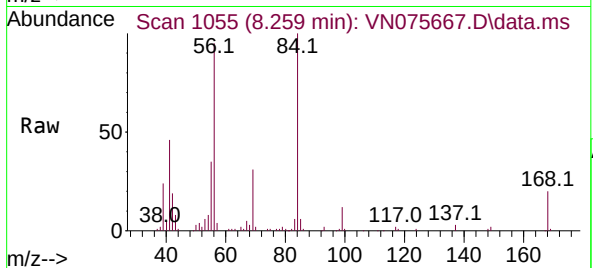
Tgt Ion: 56 Resp: 165579

Ion Ratio Lower Upper

56 100

69 32.7 26.2 39.2

84 103.5 82.8 124.2



#32

1,1,1-Trichloroethane

Concen: 52.573 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

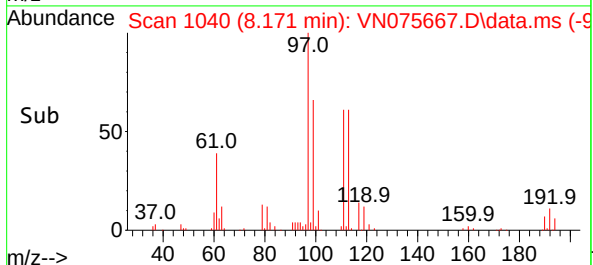
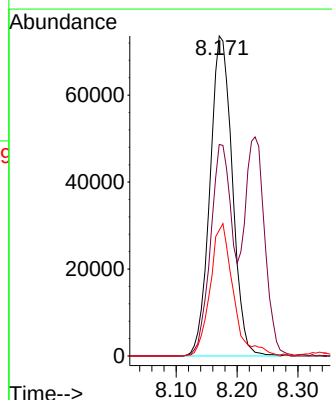
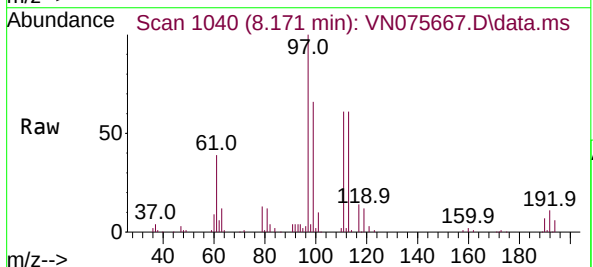
Tgt Ion: 97 Resp: 187420

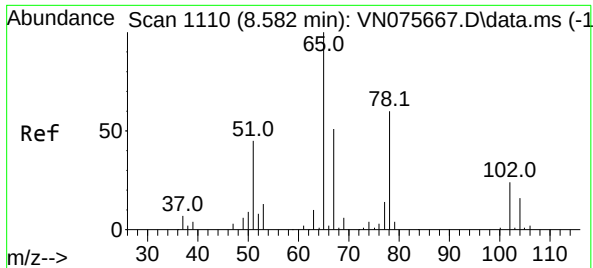
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 42.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 51.257 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

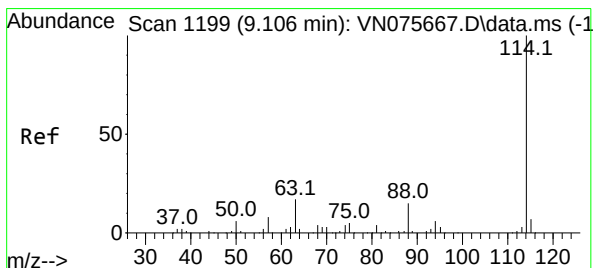
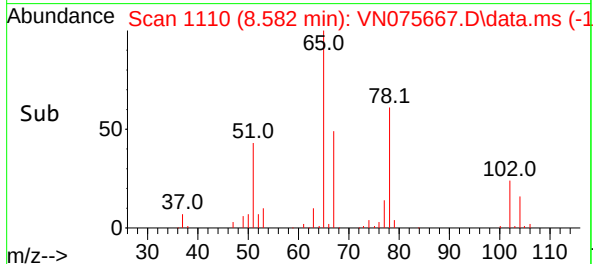
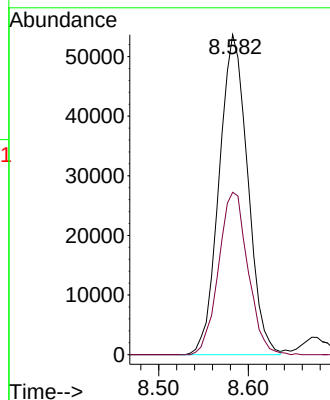
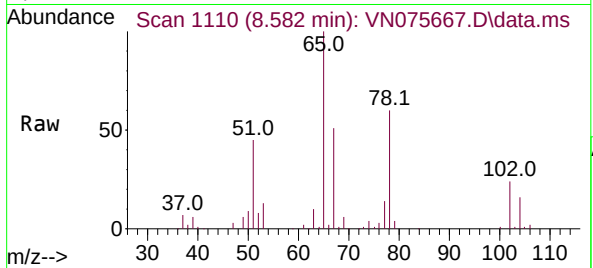
ClientSampleId :

Tgt Ion: 65 Resp: 118742

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

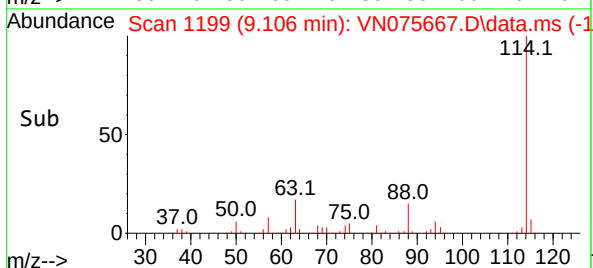
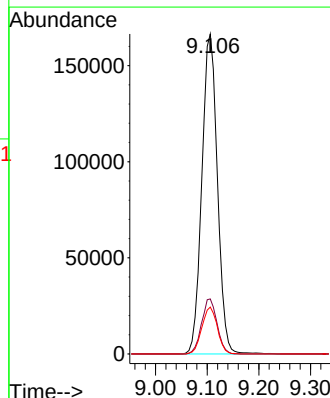
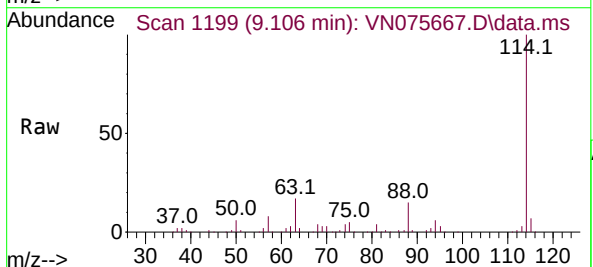
Tgt Ion: 114 Resp: 347842

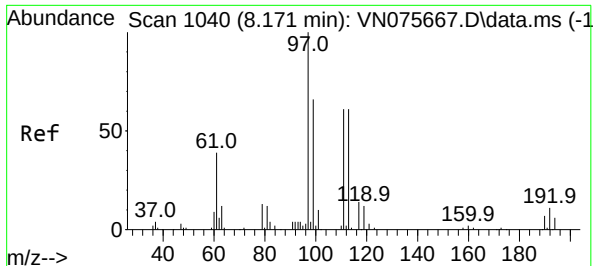
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.061 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

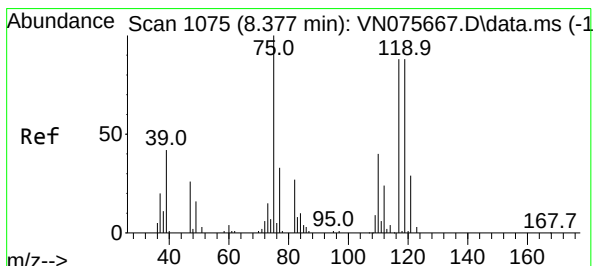
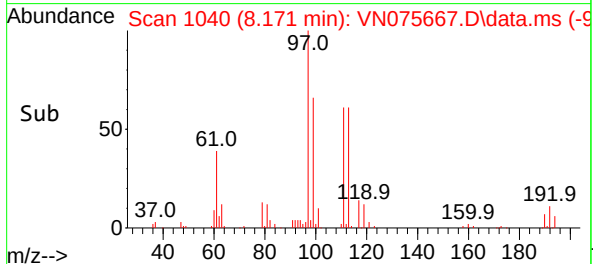
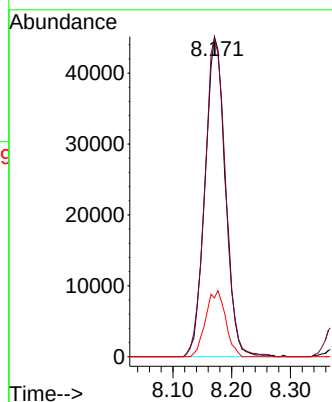
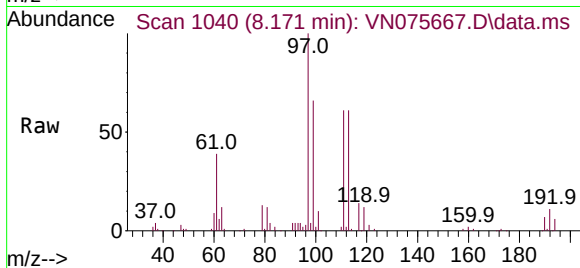
Tgt Ion:113 Resp: 108364

Ion Ratio Lower Upper

113 100

111 101.3 81.0 121.6

192 20.2 16.2 24.2



#36

1,1-Dichloropropene

Concen: 52.035 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

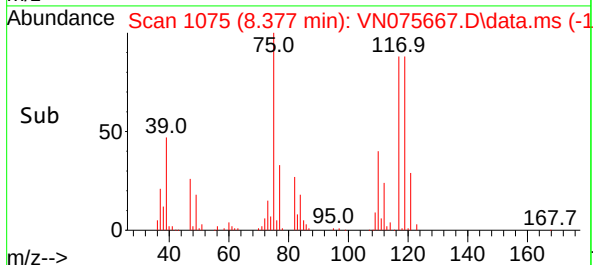
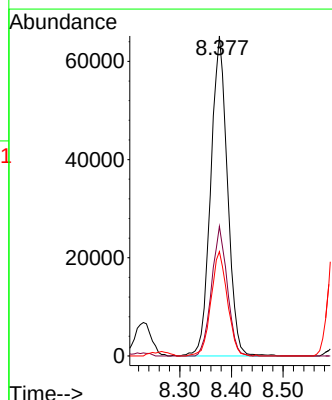
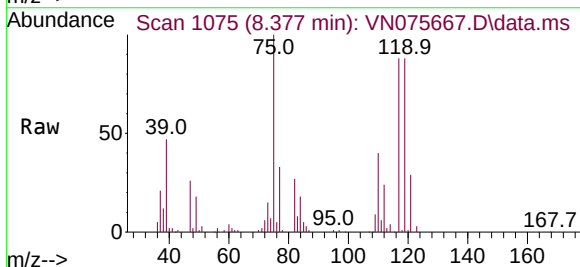
Tgt Ion: 75 Resp: 146634

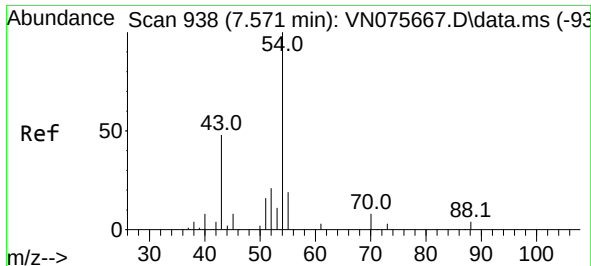
Ion Ratio Lower Upper

75 100

110 37.9 18.9 56.9

77 31.8 25.4 38.2

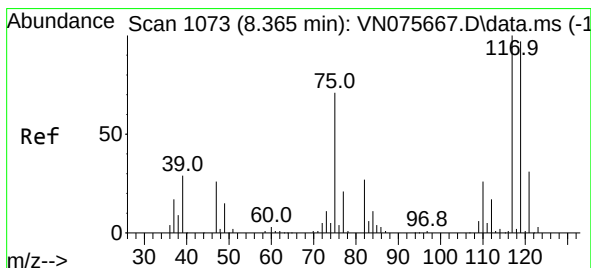
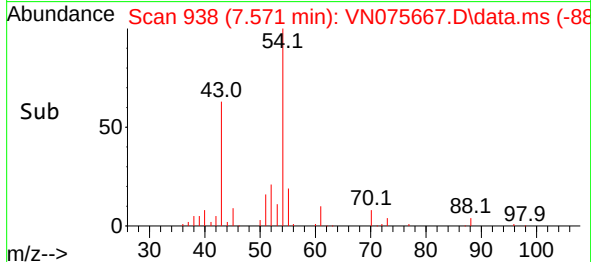
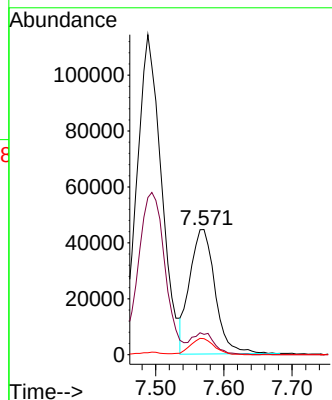
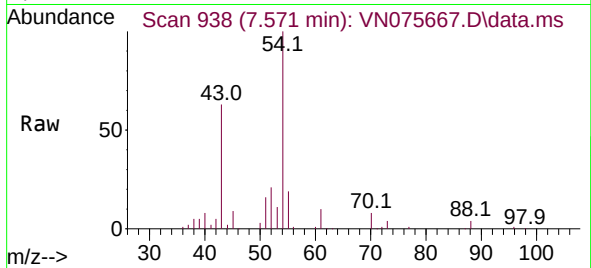




#37
Ethyl Acetate
Concen: 50.762 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

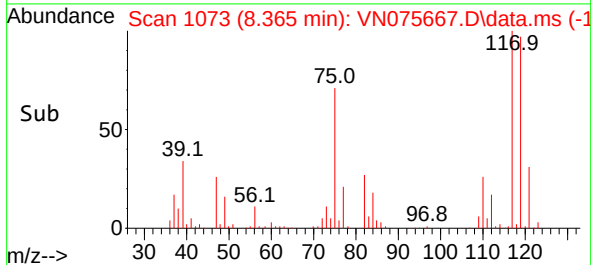
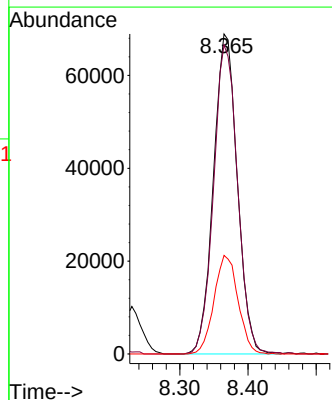
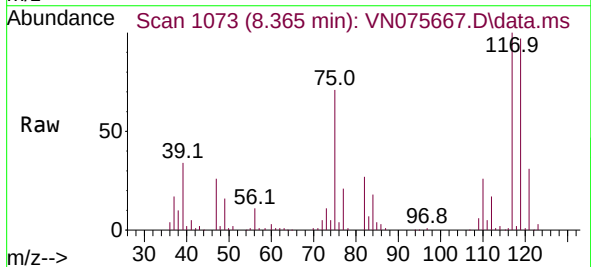
Instrument :
MSVOA_N
ClientSampleId :

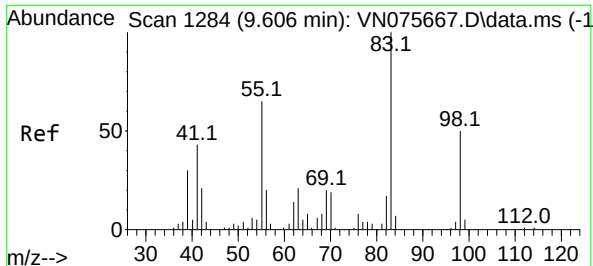
Tgt Ion: 43 Resp: 114850
Ion Ratio Lower Upper
43 100
61 16.6 13.3 19.9
70 12.4 9.9 14.9



#38
Carbon Tetrachloride
Concen: 51.552 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 117 Resp: 167638
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 54.376 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

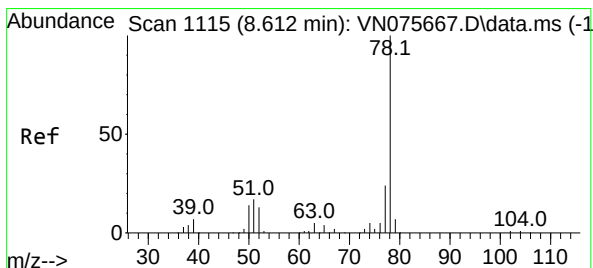
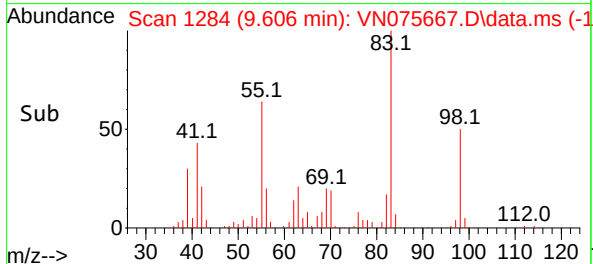
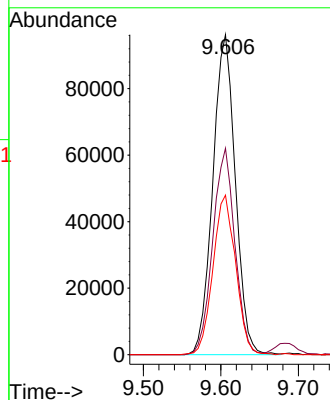
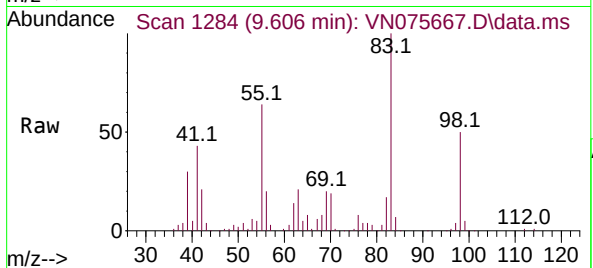
Tgt Ion: 83 Resp: 194305

Ion Ratio Lower Upper

83 100

55 64.5 51.6 77.4

98 49.8 39.8 59.8



#40

Benzene

Concen: 51.296 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075667.D

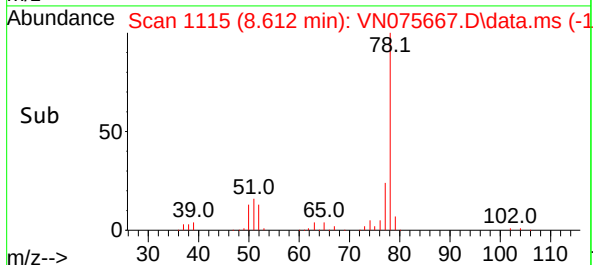
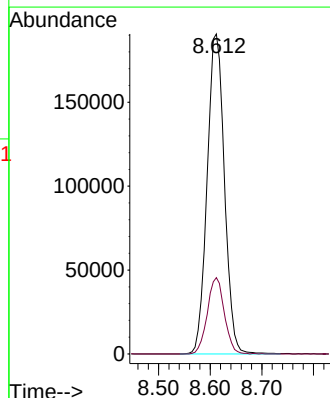
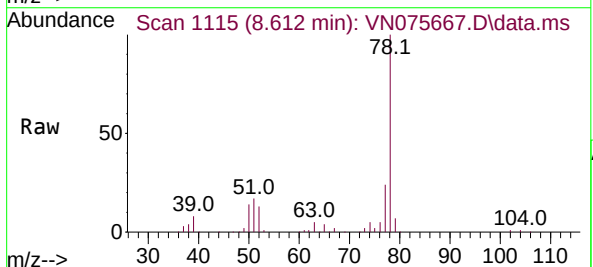
Acq: 09 Dec 2022 14:09

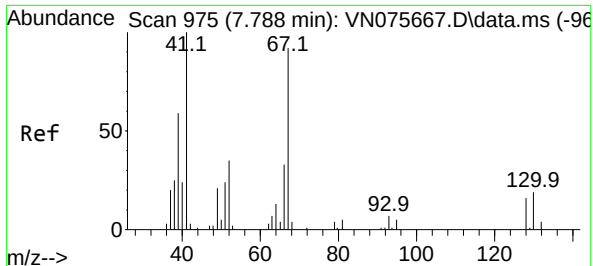
Tgt Ion: 78 Resp: 443617

Ion Ratio Lower Upper

78 100

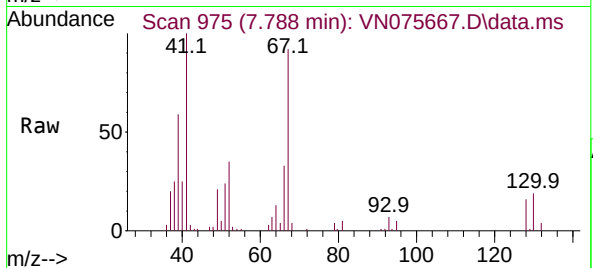
77 23.9 19.1 28.7



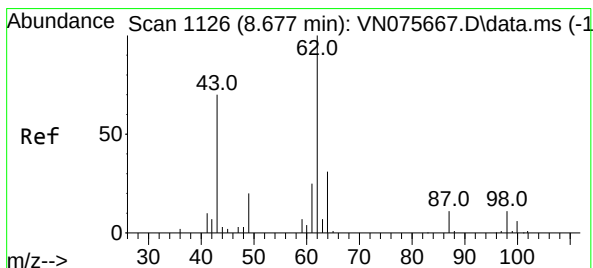
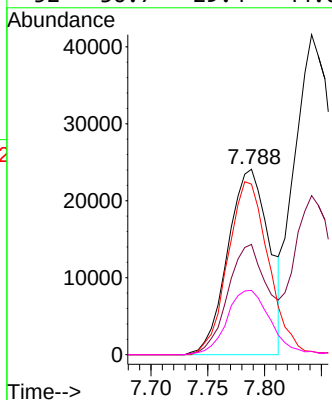
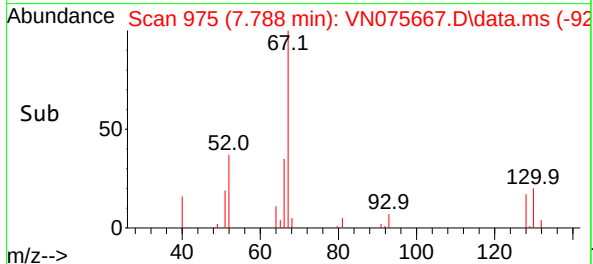


#41
Methacrylonitrile
Concen: 52.668 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :

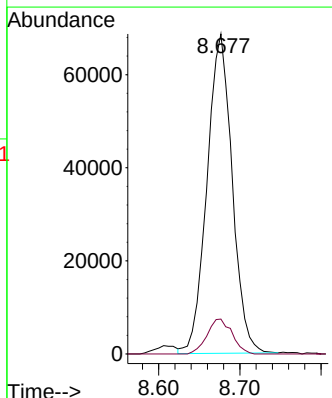
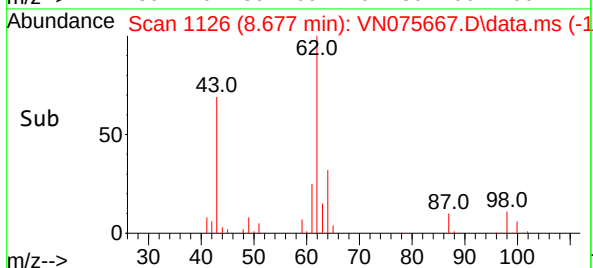
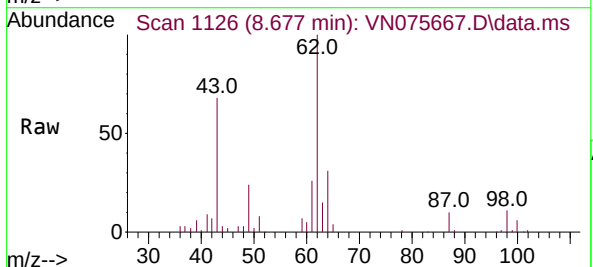


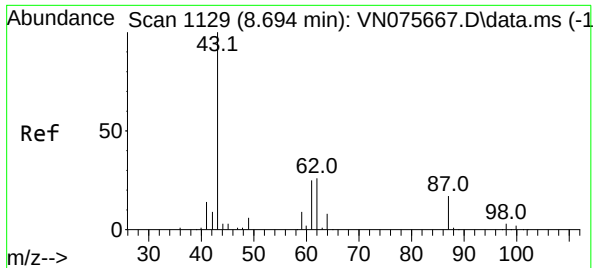
Tgt Ion:	41	Resp:	61102
Ion	Ratio	Lower	Upper
41	100		
39	57.9	46.3	69.5
67	92.5	74.0	111.0
52	36.7	29.4	44.0



#42
1,2-Dichloroethane
Concen: 51.078 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:	62	Resp:	147771
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.8

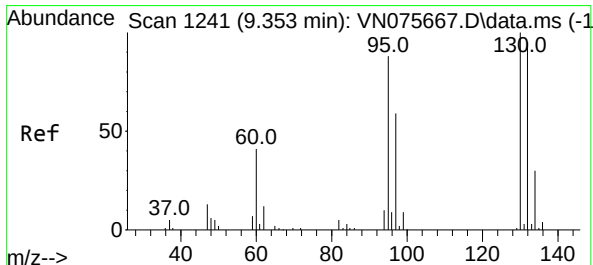
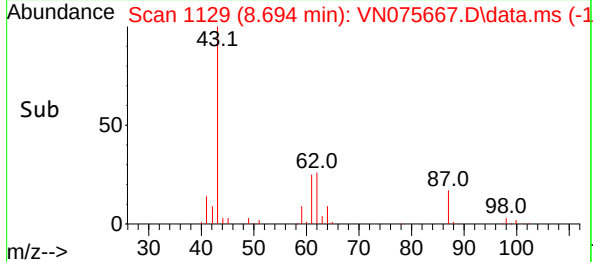
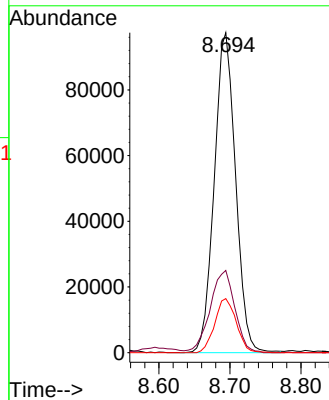
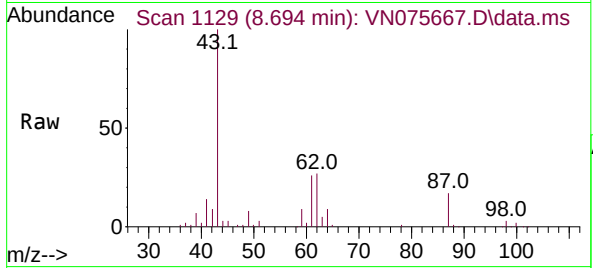




#43
Isopropyl Acetate
Concen: 53.696 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

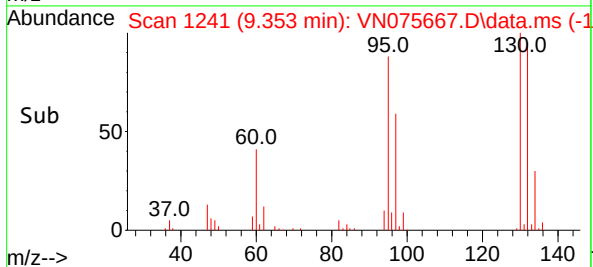
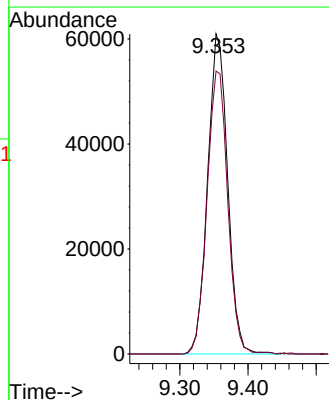
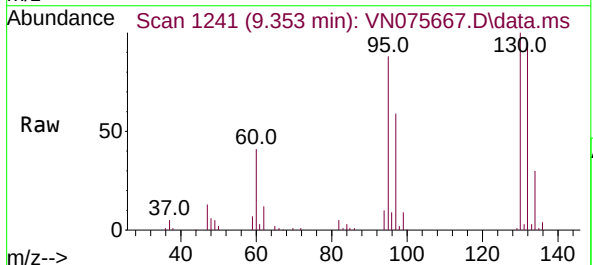
Instrument :
MSVOA_N
ClientSampleId :

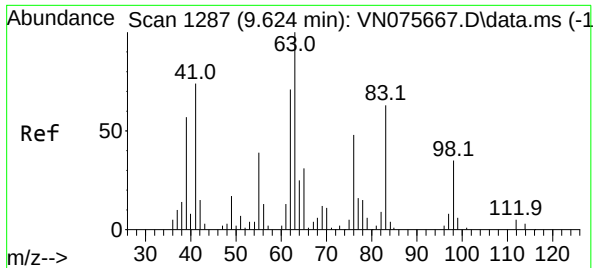
Tgt Ion: 43 Resp: 202822
Ion Ratio Lower Upper
43 100
61 29.8 23.8 35.8
87 17.1 13.7 20.5



#44
Trichloroethene
Concen: 51.061 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:130 Resp: 124577
Ion Ratio Lower Upper
130 100
95 88.4 0.0 176.8





#45

1,2-Dichloropropane

Concen: 50.928 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

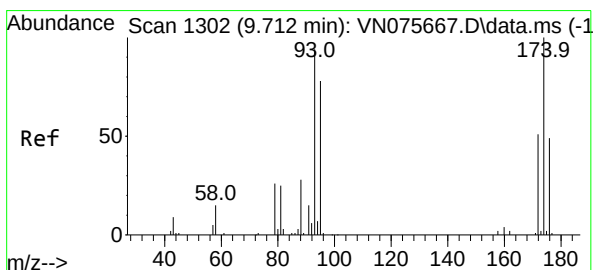
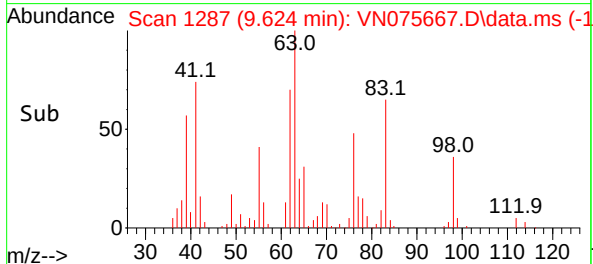
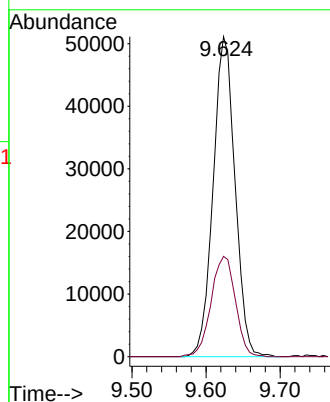
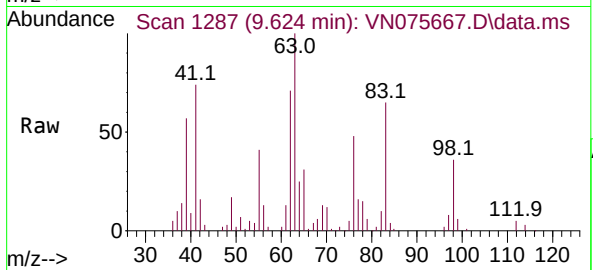
ClientSampleId :

Tgt Ion: 63 Resp: 104752

Ion Ratio Lower Upper

63 100

65 31.4 25.1 37.7



#46

Dibromomethane

Concen: 51.926 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

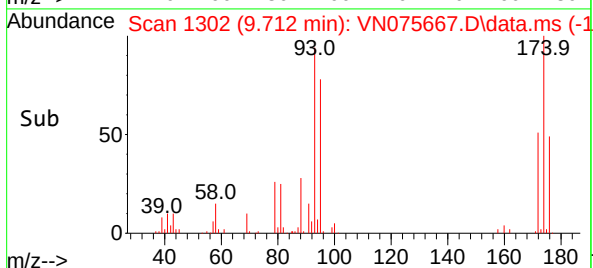
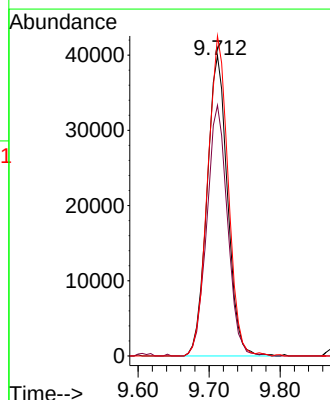
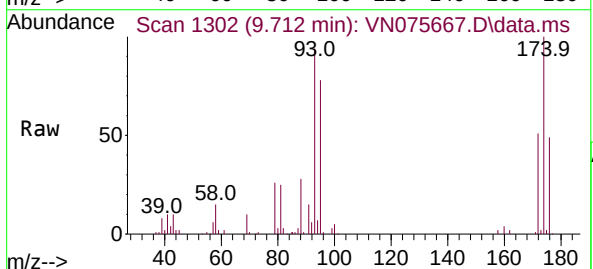
Tgt Ion: 93 Resp: 80187

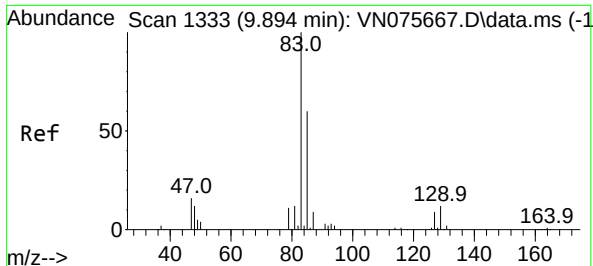
Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

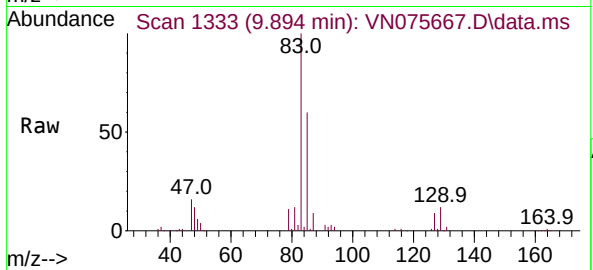
174 106.3 85.0 127.6



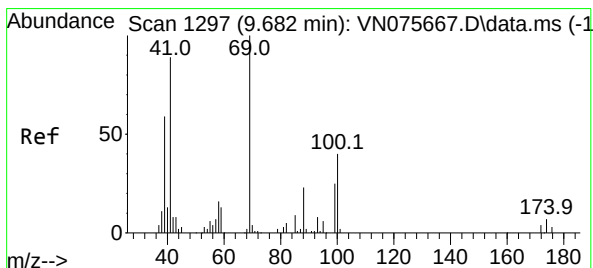
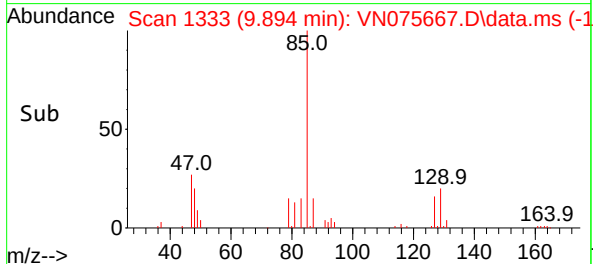
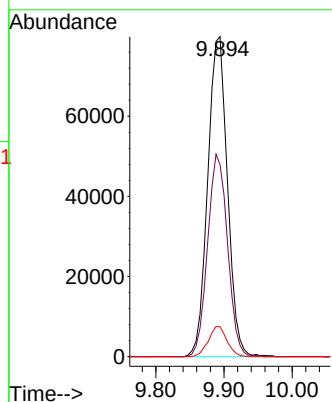


#47
Bromodichloromethane
Concen: 53.152 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :

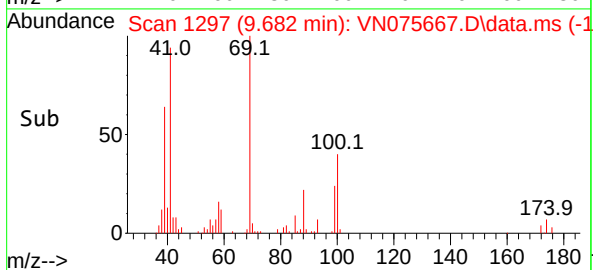
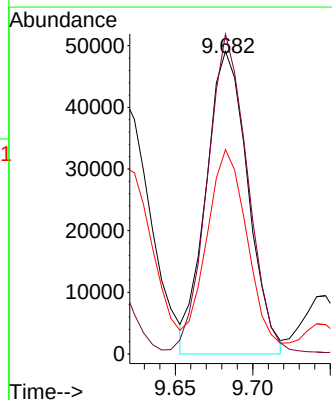
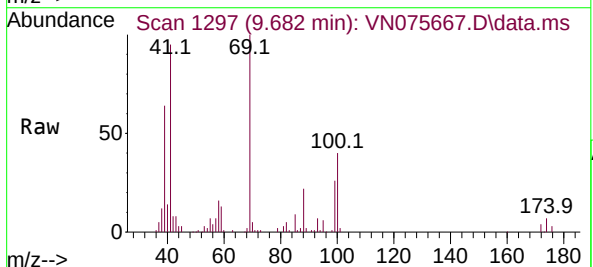


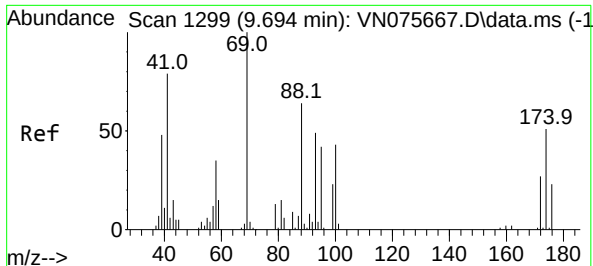
Tgt Ion: 83 Resp: 160933
Ion Ratio Lower Upper
83 100
85 60.0 48.0 72.0
127 9.3 7.4 11.2



#48
Methyl methacrylate
Concen: 53.069 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 41 Resp: 92322
Ion Ratio Lower Upper
41 100
69 103.1 82.5 123.7
39 66.5 53.2 79.8





#49

1,4-Dioxane

Concen: 1056.492 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

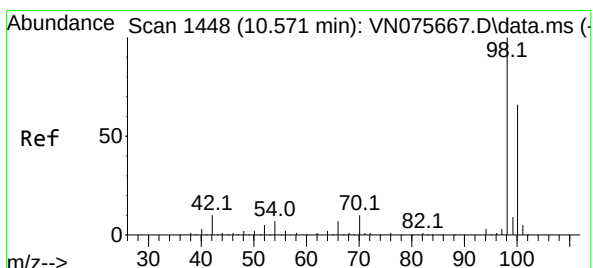
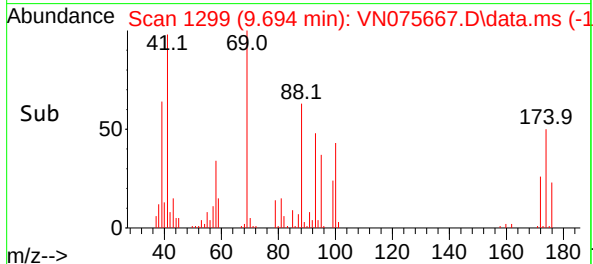
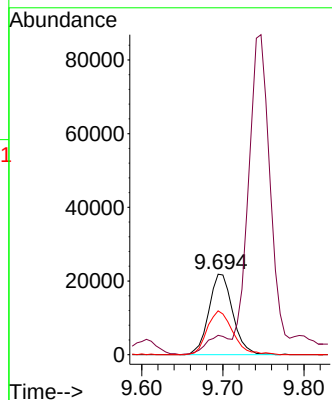
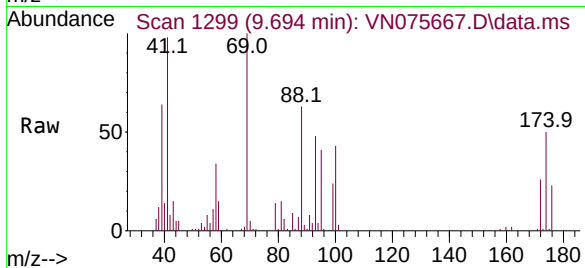
Tgt Ion: 88 Resp: 44677

Ion Ratio Lower Upper

88 100

43 21.7 17.4 26.0

58 58.5 46.8 70.2



#50

Toluene-d8

Concen: 52.490 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075667.D

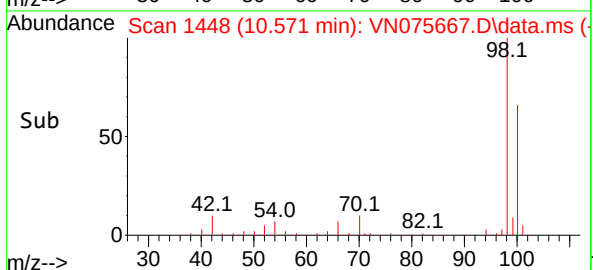
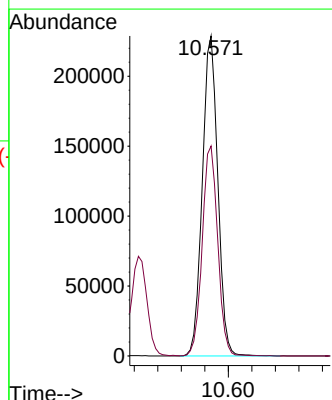
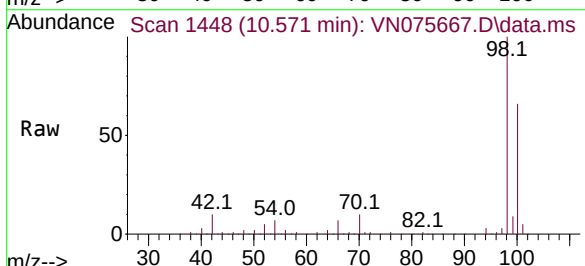
Acq: 09 Dec 2022 14:09

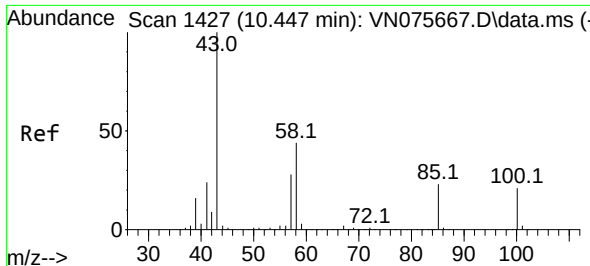
Tgt Ion: 98 Resp: 418342

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 261.857 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

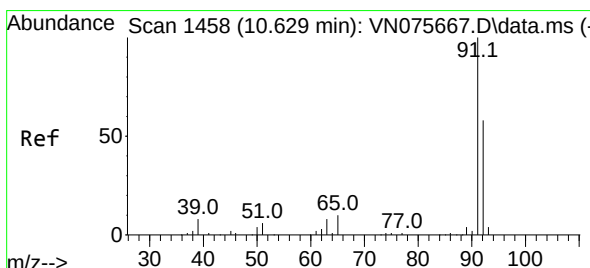
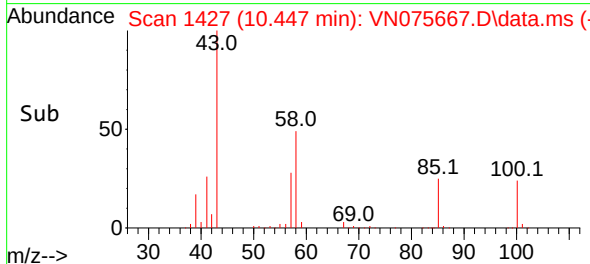
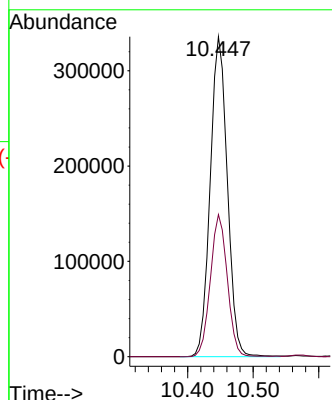
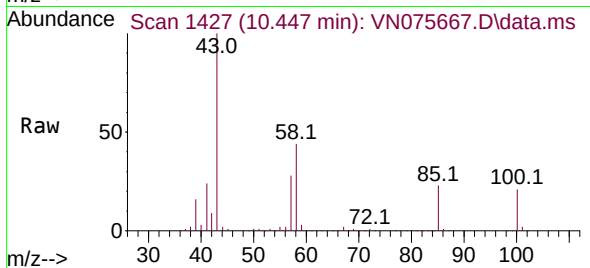
ClientSampleId :

Tgt Ion: 43 Resp: 609888

Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6



#52

Toluene

Concen: 52.887 ug/l

RT: 10.629 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VN075667.D

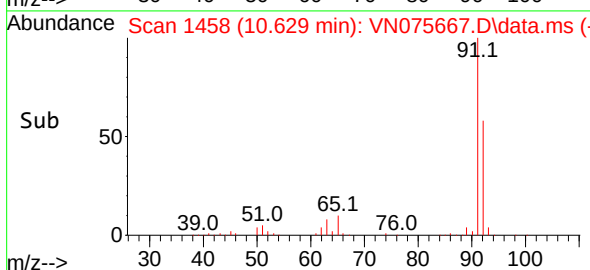
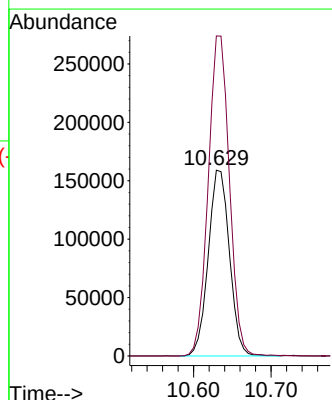
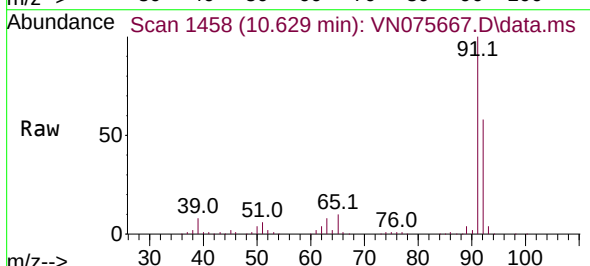
Acq: 09 Dec 2022 14:09

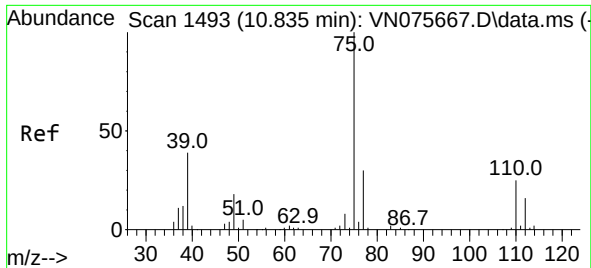
Tgt Ion: 92 Resp: 302313

Ion Ratio Lower Upper

92 100

91 172.4 137.9 206.9

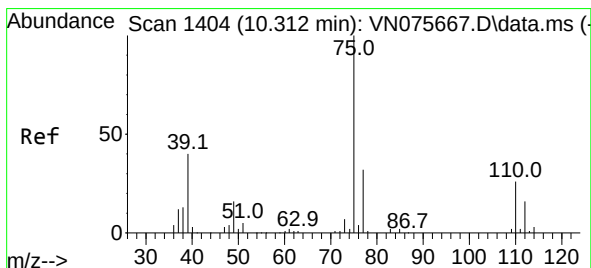
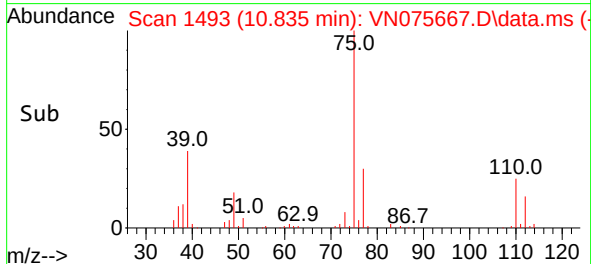
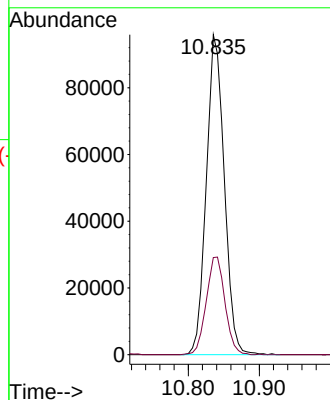
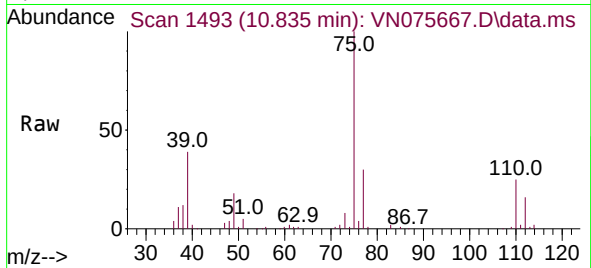




#53
 t-1,3-Dichloropropene
 Concen: 56.456 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

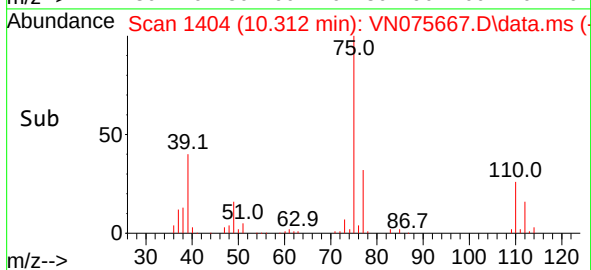
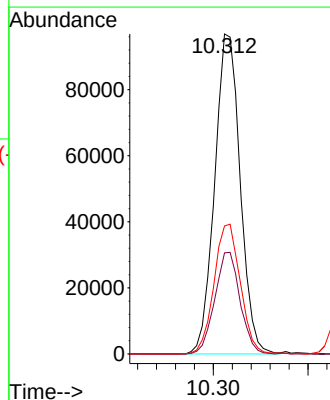
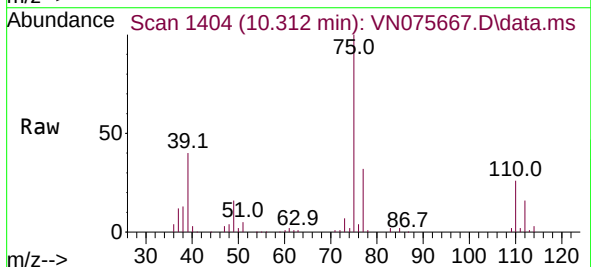
Instrument :
 MSVOA_N
 ClientSampleId :

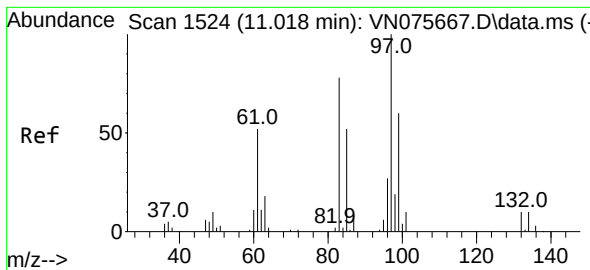
Tgt Ion: 75 Resp: 168824
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 54.514 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

Tgt Ion: 75 Resp: 181365
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 40.0 32.0 48.0





#55

1,1,2-Trichloroethane

Concen: 52.198 ug/l

RT: 11.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 117317

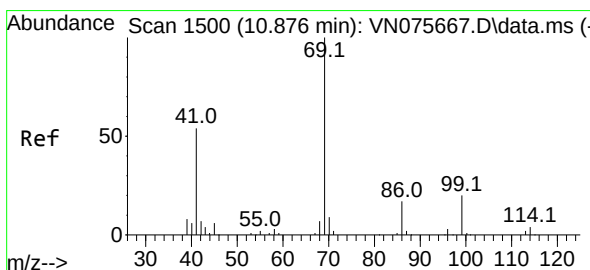
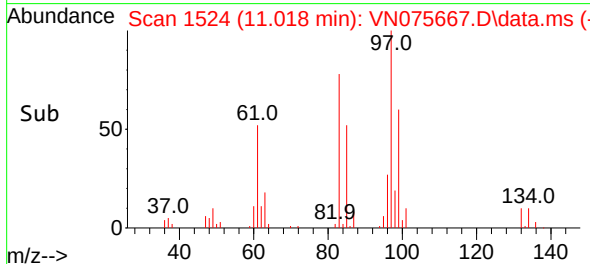
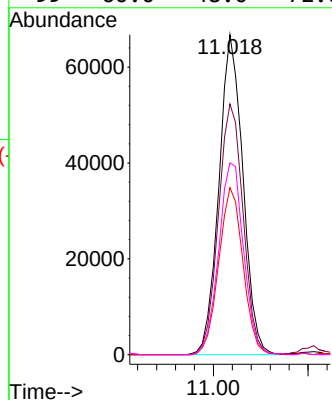
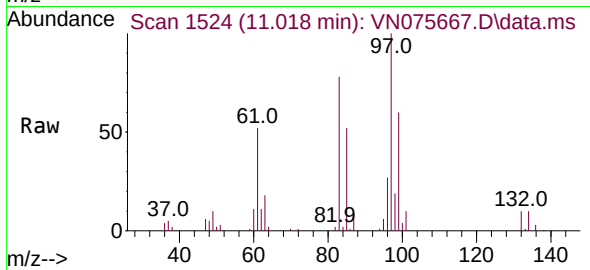
Ion Ratio Lower Upper

97 100

83 78.4 62.7 94.1

85 52.2 41.8 62.6

99 60.0 48.0 72.0



#56

Ethyl methacrylate

Concen: 55.274 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

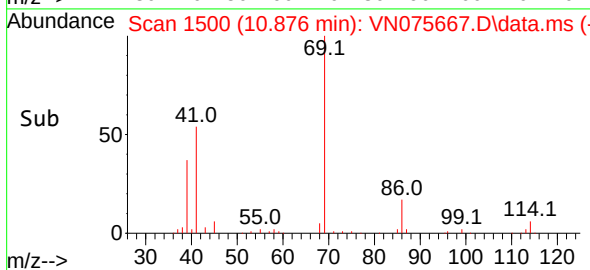
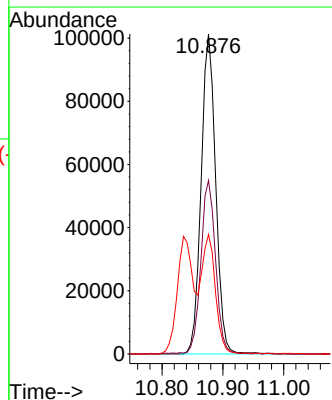
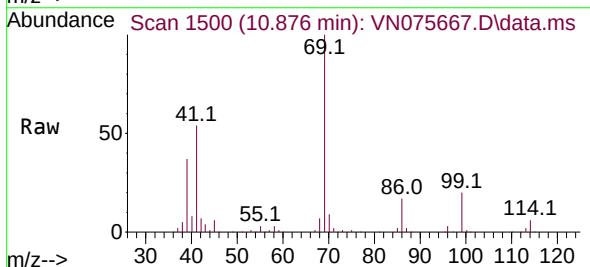
Tgt Ion: 69 Resp: 168331

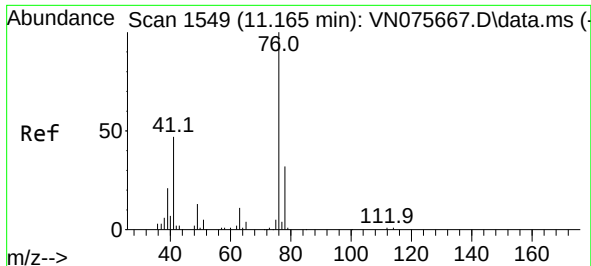
Ion Ratio Lower Upper

69 100

41 55.1 44.1 66.1

39 34.6 27.7 41.5





#57

1,3-Dichloropropane

Concen: 51.747 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

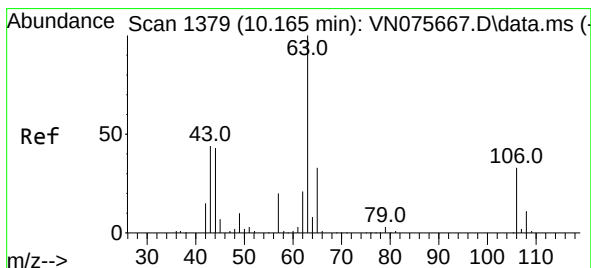
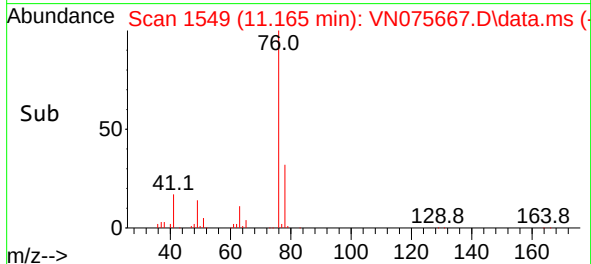
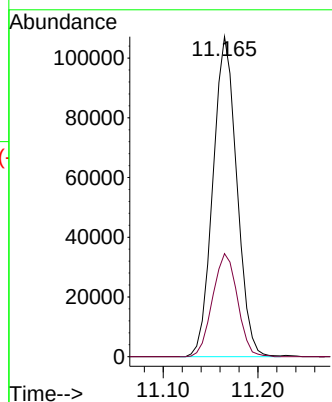
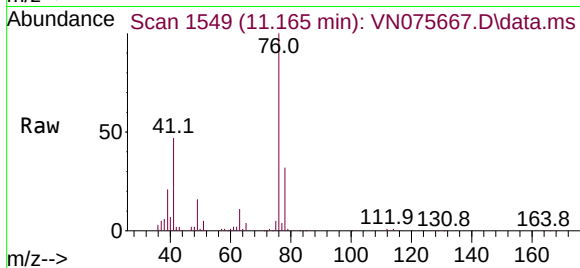
ClientSampleId :

Tgt Ion: 76 Resp: 187982

Ion Ratio Lower Upper

76 100

78 33.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 285.332 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075667.D

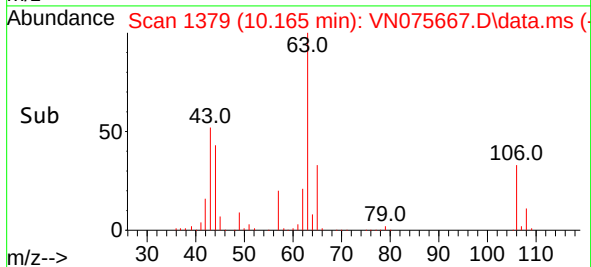
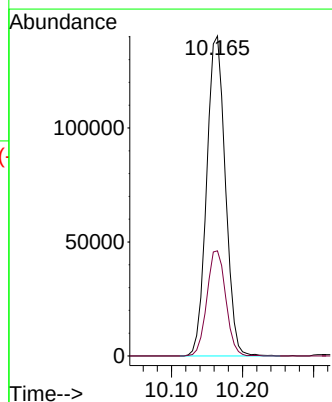
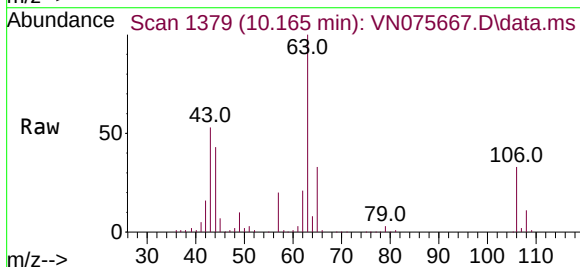
Acq: 09 Dec 2022 14:09

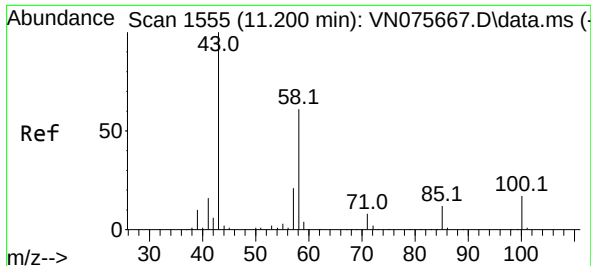
Tgt Ion: 63 Resp: 256565

Ion Ratio Lower Upper

63 100

106 33.3 26.6 40.0

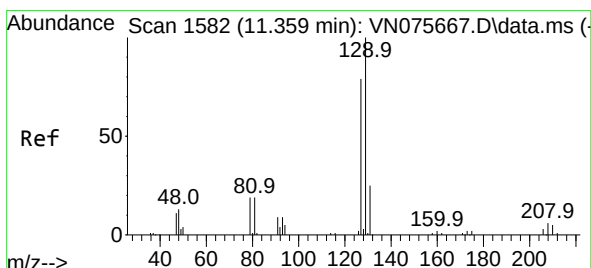
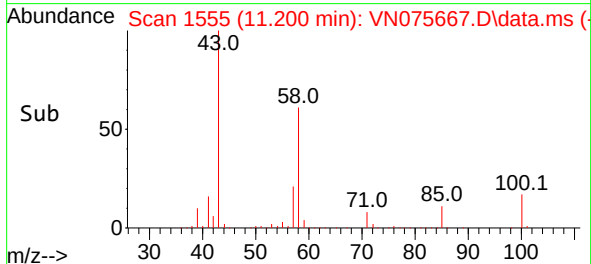
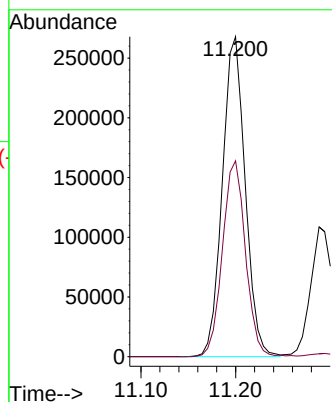
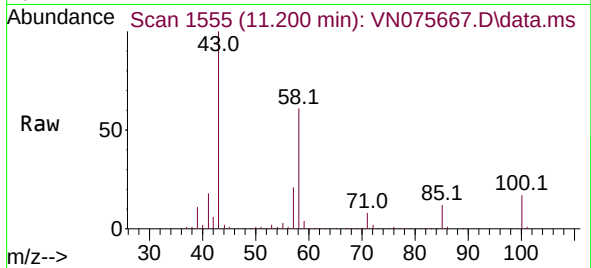




#59
2-Hexanone
Concen: 265.685 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

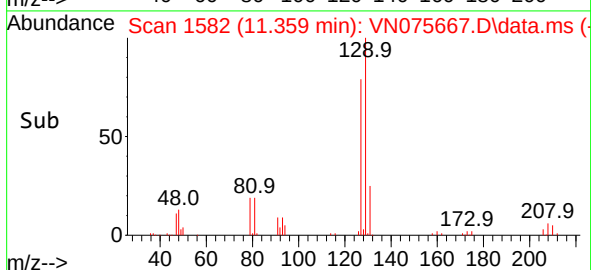
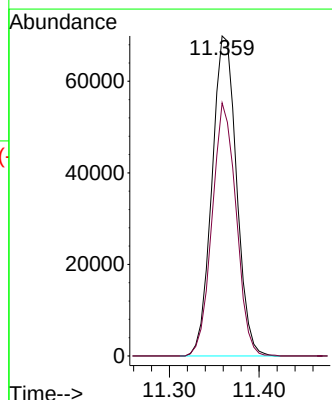
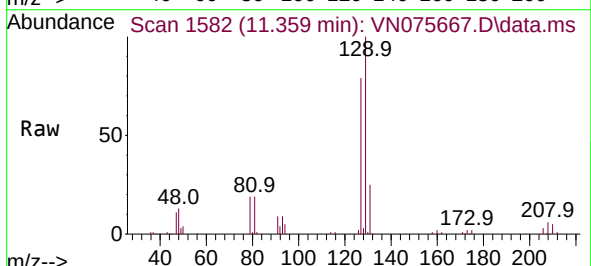
Instrument :
MSVOA_N
ClientSampleId :

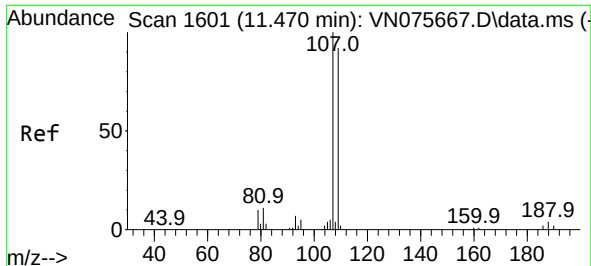
Tgt Ion: 43 Resp: 449573
Ion Ratio Lower Upper
43 100
58 61.7 30.9 92.5



#60
Dibromochloromethane
Concen: 53.719 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:129 Resp: 132856
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

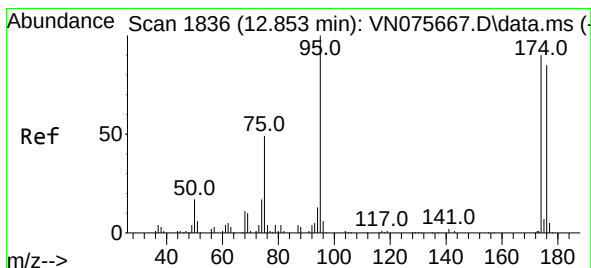
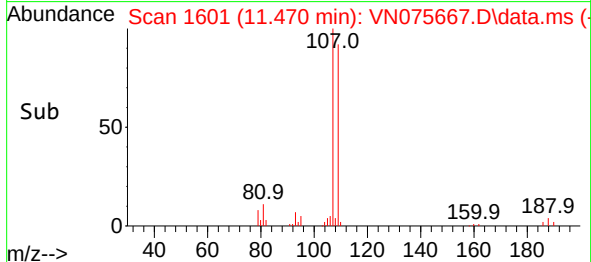
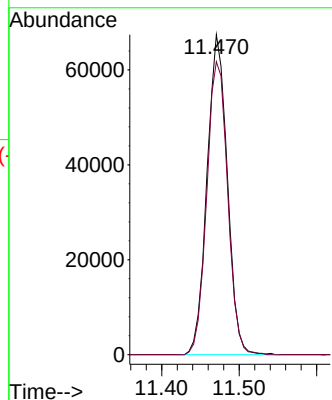
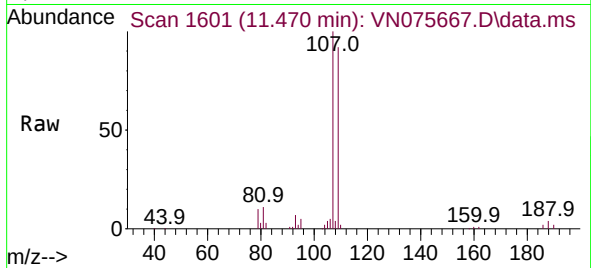




#61
1,2-Dibromoethane
Concen: 52.012 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

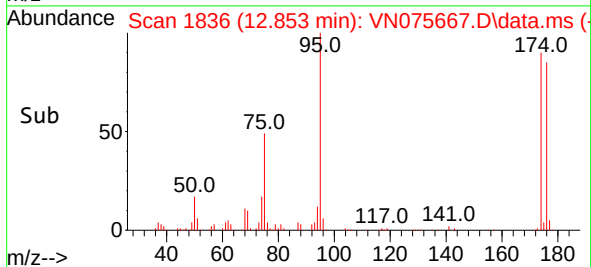
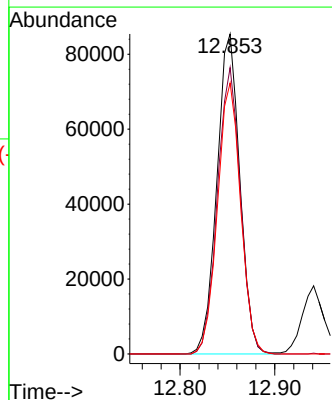
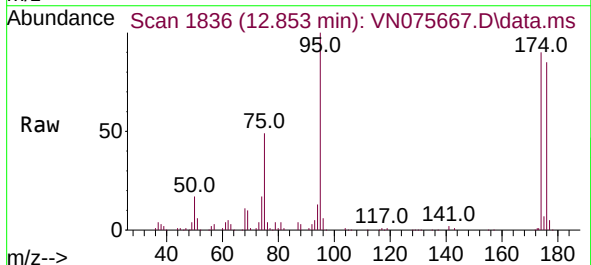
Instrument :
MSVOA_N
ClientSampleId :

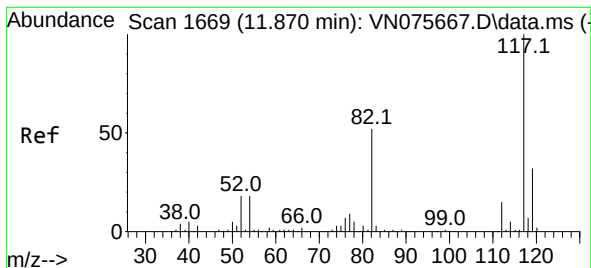
Tgt Ion:107 Resp: 122475
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.831 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 95 Resp: 143962
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.6
176 85.4 0.0 170.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

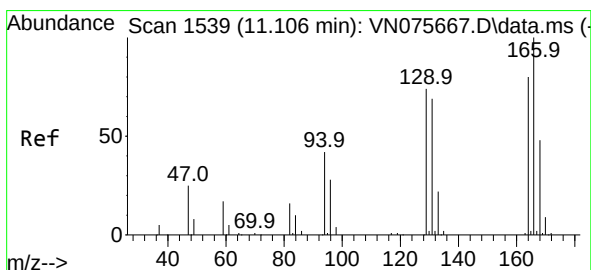
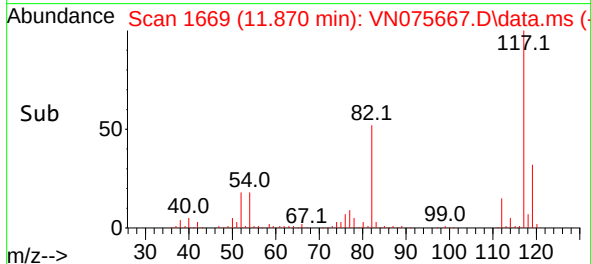
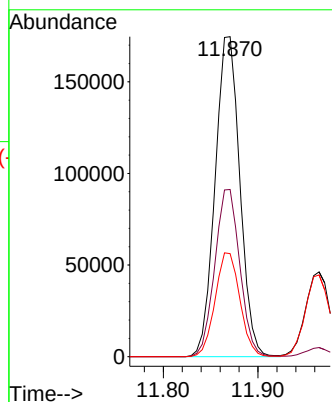
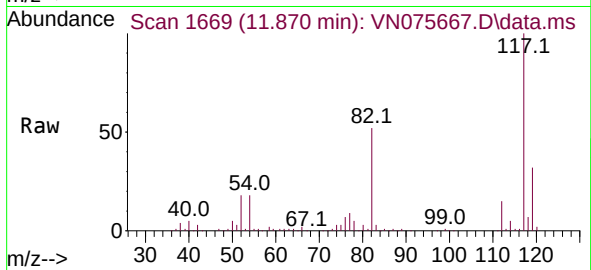
Tgt Ion:117 Resp: 317936

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

119 32.2 25.8 38.6



#64

Tetrachloroethene

Concen: 47.979 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Tgt Ion:164 Resp: 111111

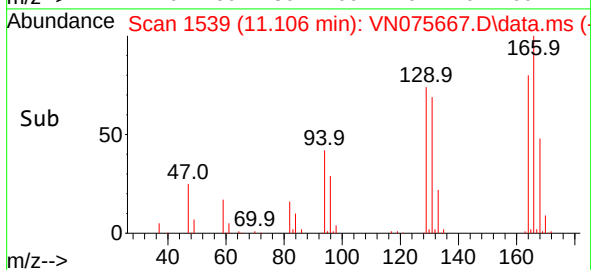
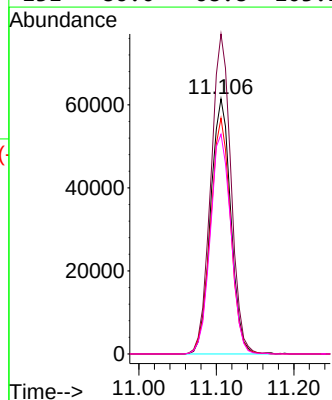
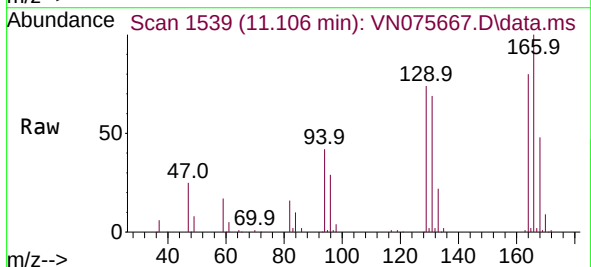
Ion Ratio Lower Upper

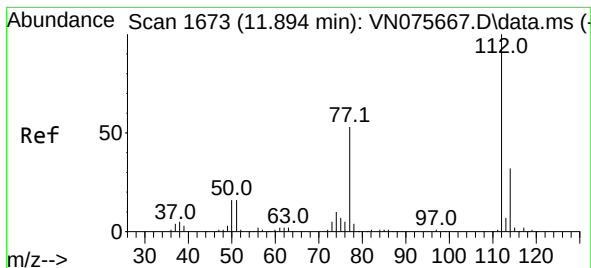
164 100

166 125.4 100.3 150.5

129 92.4 73.9 110.9

131 86.0 68.8 103.2

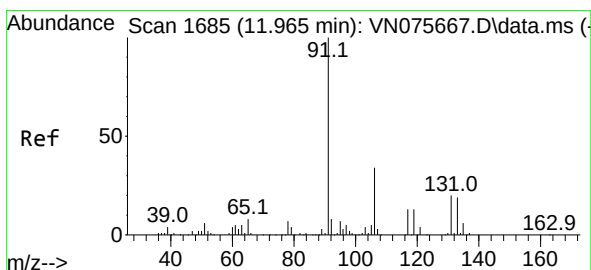
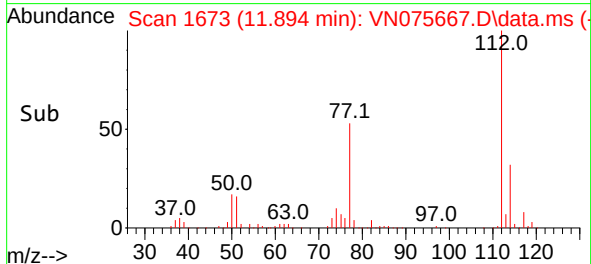
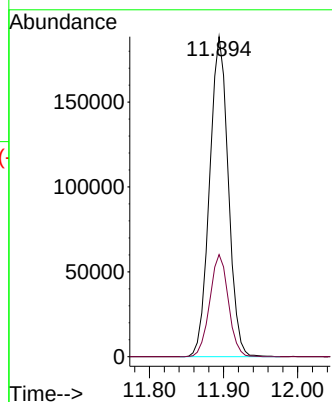
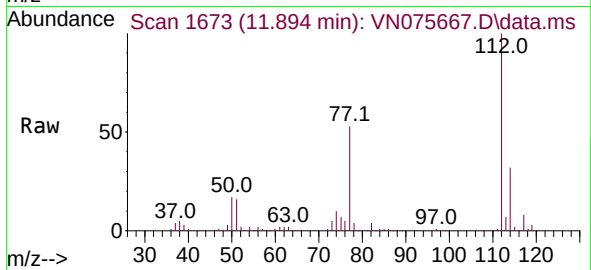




#65
Chlorobenzene
Concen: 50.547 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

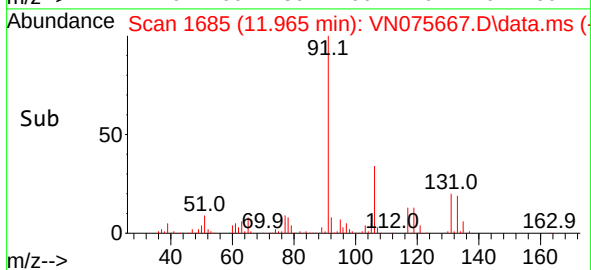
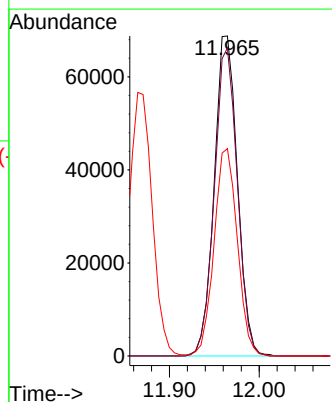
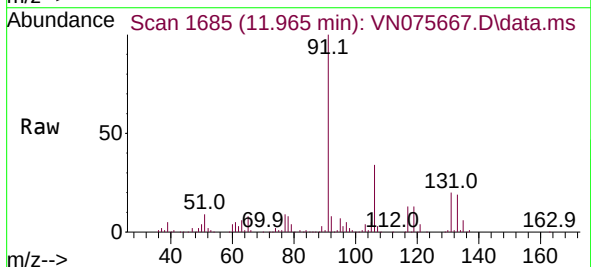
Instrument :
MSVOA_N
ClientSampleId :

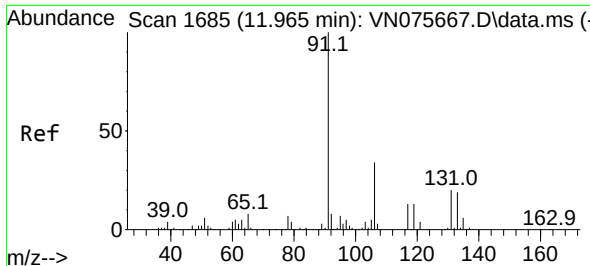
Tgt Ion:112 Resp: 330660
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.061 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:131 Resp: 123906
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 64.9 32.5 97.4

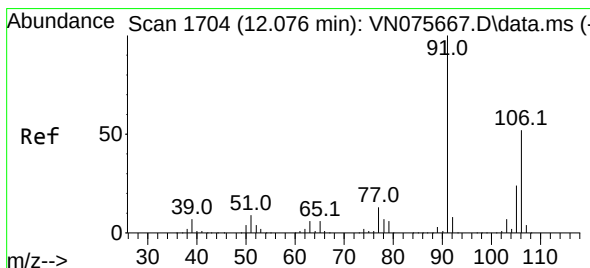
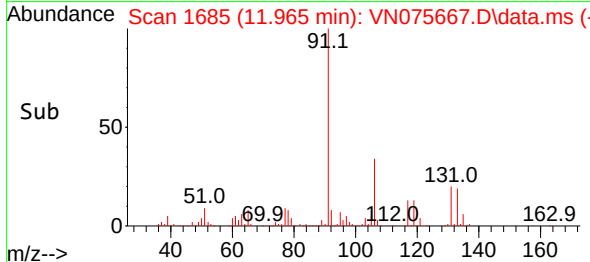
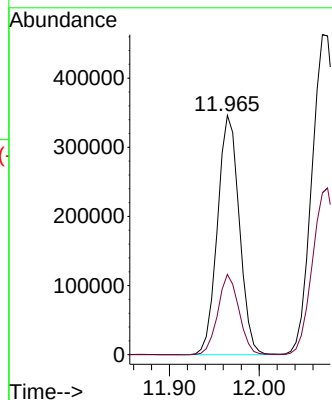
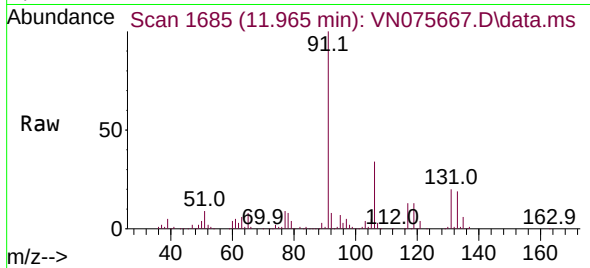




#67
Ethyl Benzene
Concen: 52.842 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

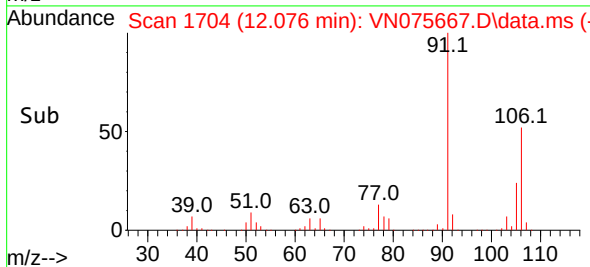
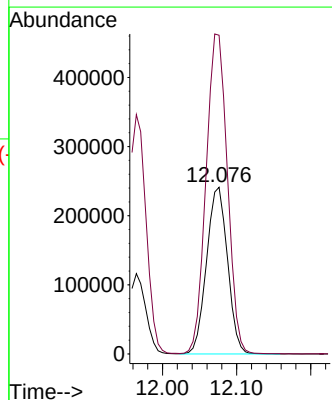
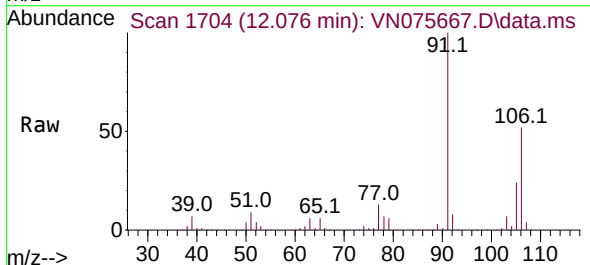
Instrument :
MSVOA_N
ClientSampleId :

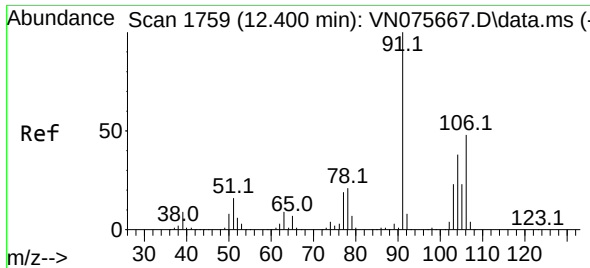
Tgt Ion: 91 Resp: 584775
Ion Ratio Lower Upper
91 100
106 33.6 26.9 40.3



#68
m/p-Xylenes
Concen: 106.085 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:106 Resp: 474362
Ion Ratio Lower Upper
106 100
91 195.3 156.2 234.4

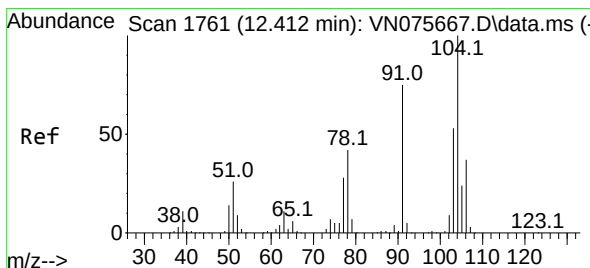
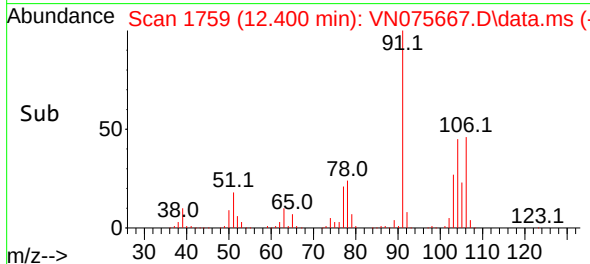
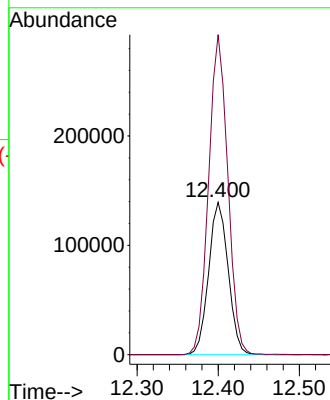
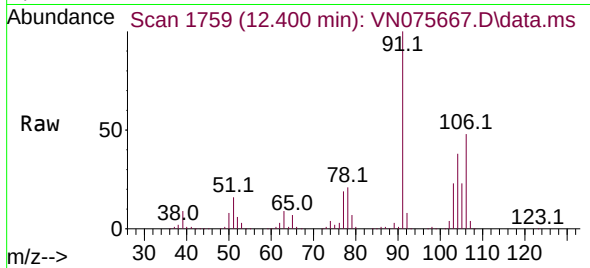




#69
o-Xylene
Concen: 53.728 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

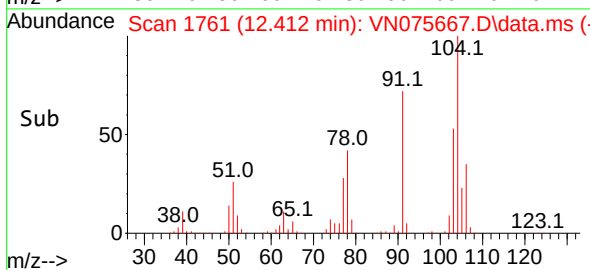
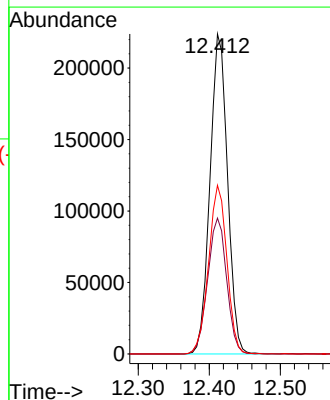
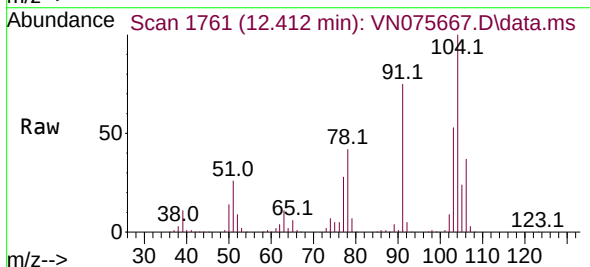
Instrument :
MSVOA_N
ClientSampleId :

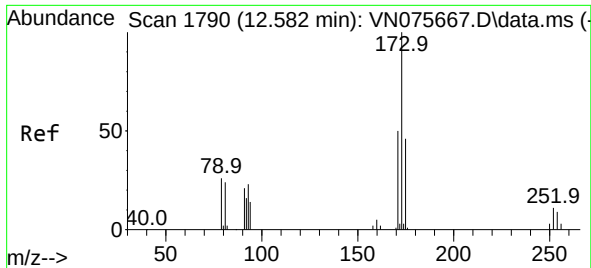
Tgt Ion:106 Resp: 233130
Ion Ratio Lower Upper
106 100
91 205.7 102.8 308.5



#70
Styrene
Concen: 55.238 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:104 Resp: 384418
Ion Ratio Lower Upper
104 100
78 45.9 36.7 55.1
103 55.0 44.0 66.0

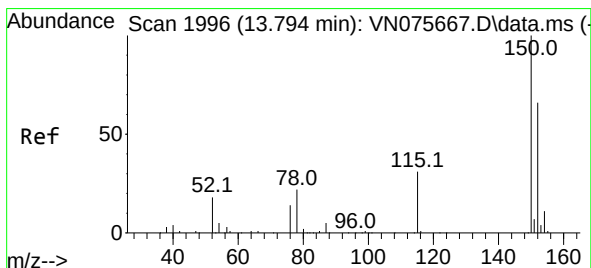
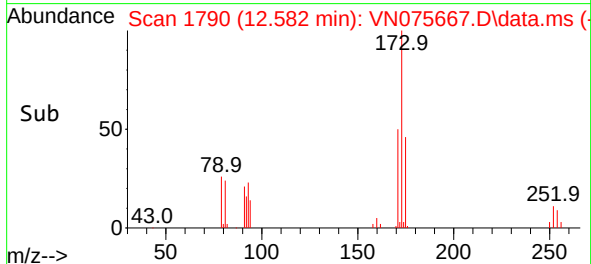
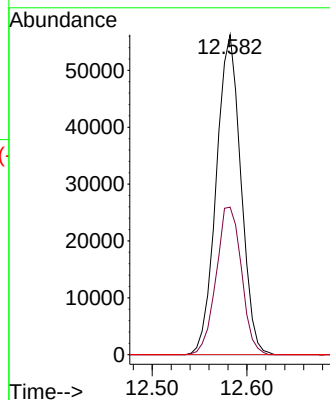
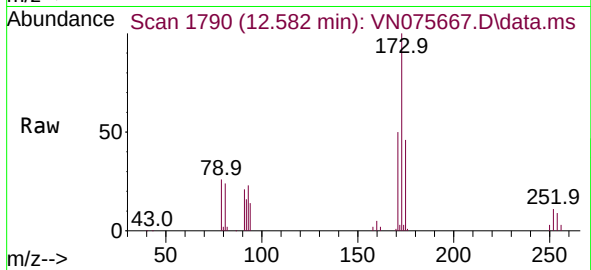




#71
Bromoform
Concen: 56.229 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

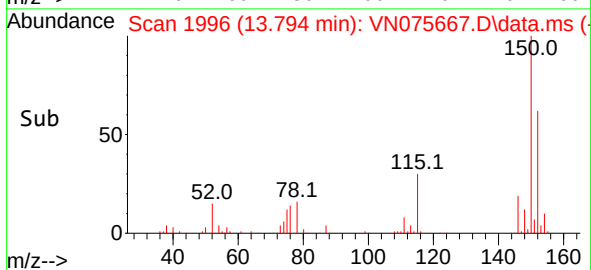
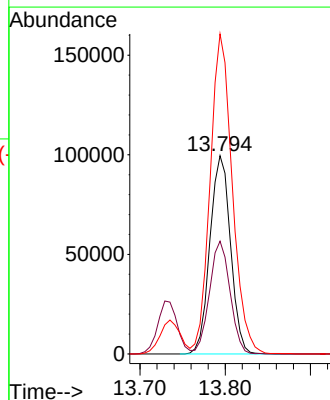
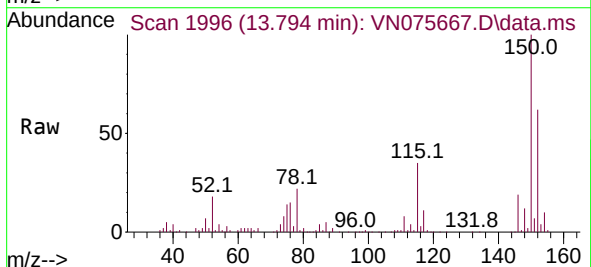
Instrument :
MSVOA_N
ClientSampleId :

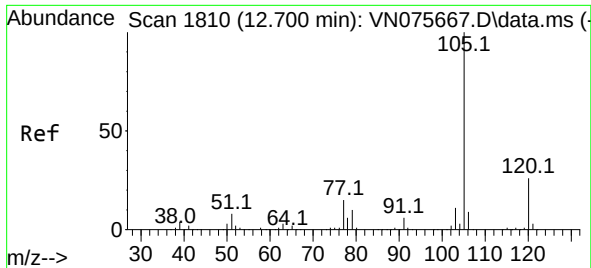
Tgt Ion:173 Resp: 101439
Ion Ratio Lower Upper
173 100
175 47.5 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:152 Resp: 167023
Ion Ratio Lower Upper
152 100
115 56.8 28.4 85.2
150 173.8 0.0 347.6

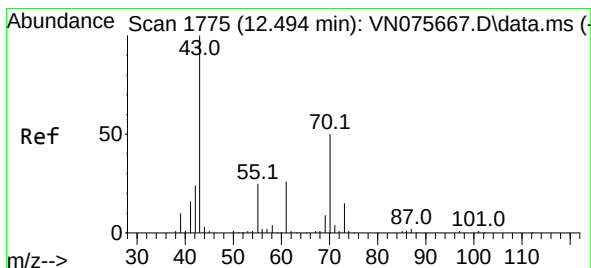
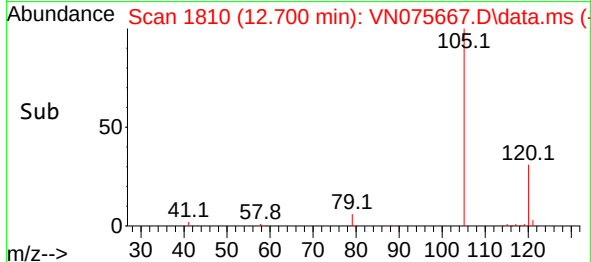
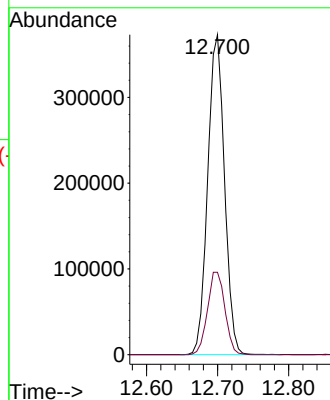
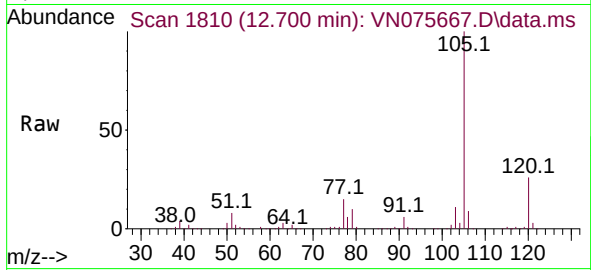




#73
Isopropylbenzene
Concen: 51.109 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

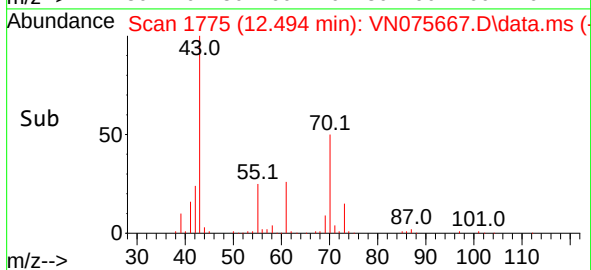
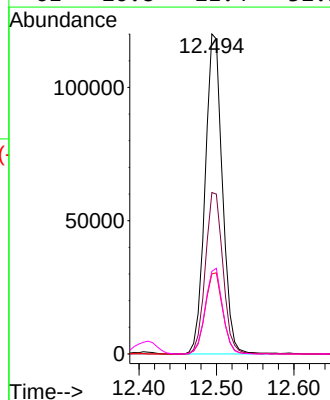
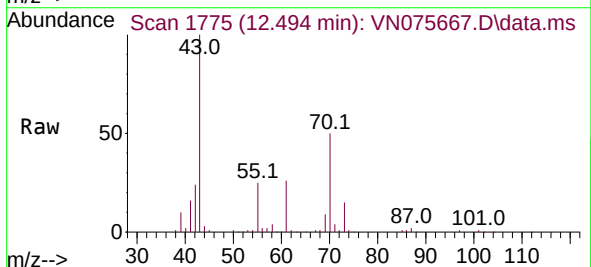
Instrument :
MSVOA_N
ClientSampleId :

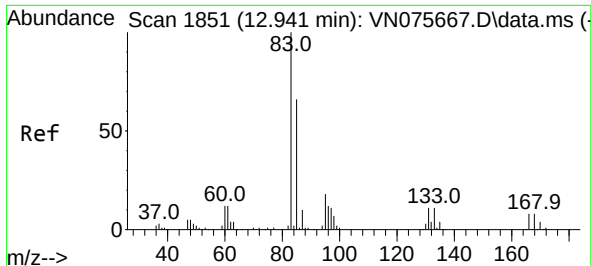
Tgt Ion:105 Resp: 612931
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 53.258 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 43 Resp: 185577
Ion Ratio Lower Upper
43 100
70 51.3 41.0 61.6
55 25.9 20.7 31.1
61 26.8 21.4 32.2

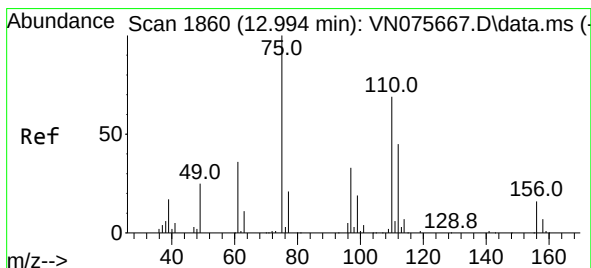
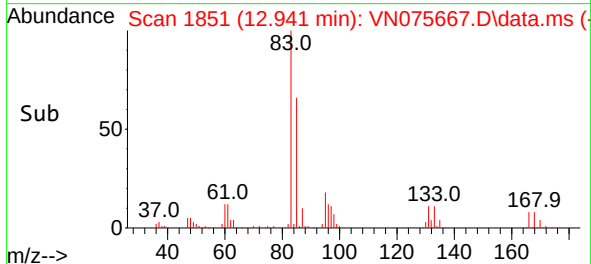
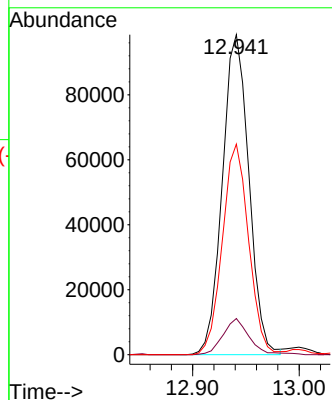
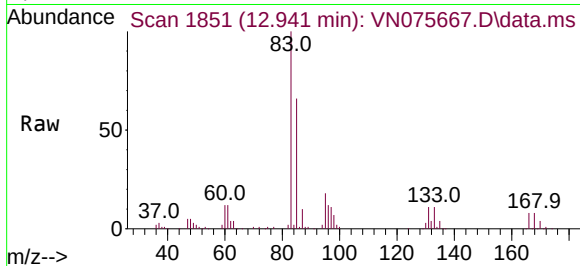




#75
1,1,2,2-Tetrachloroethane
Concen: 47.289 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

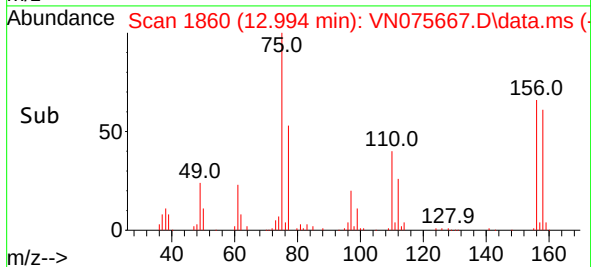
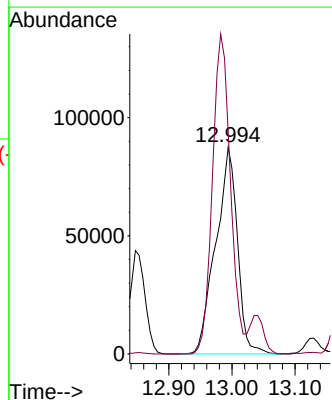
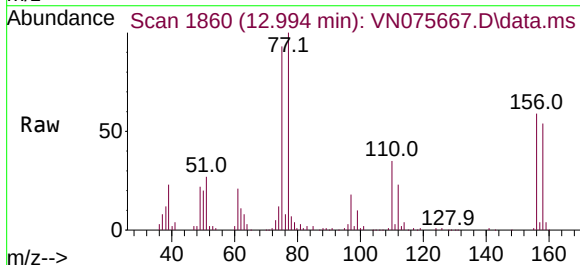
Instrument :
MSVOA_N
ClientSampleId :

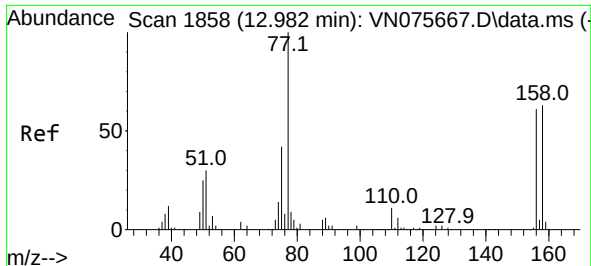
Tgt Ion: 83 Resp: 170359
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 65.1 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 62.198 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 75 Resp: 208627
Ion Ratio Lower Upper
75 100
77 129.1 81.8 245.4

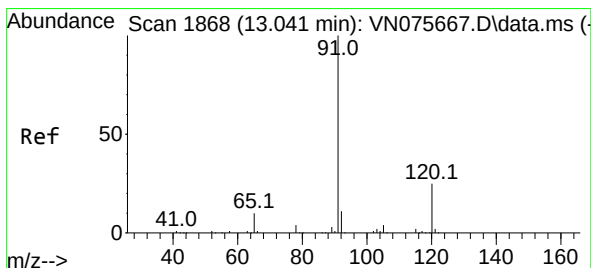
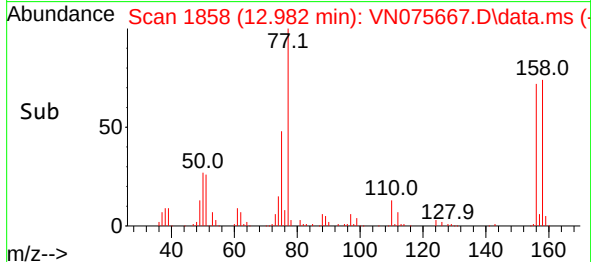
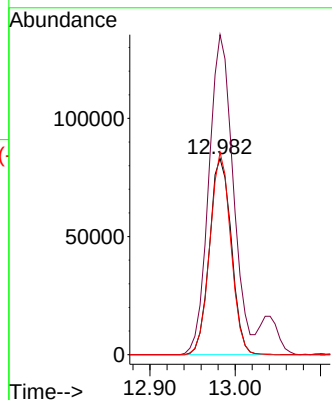
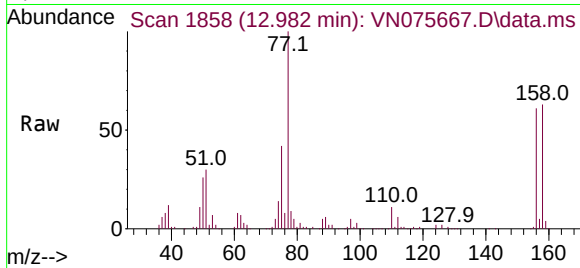




#77
Bromobenzene
Concen: 49.149 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

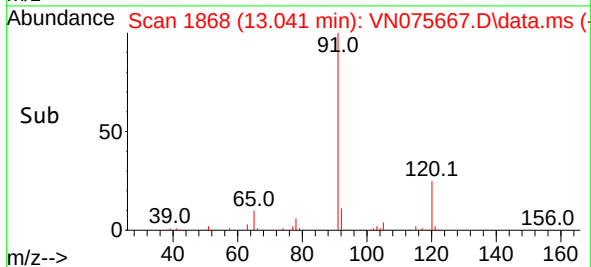
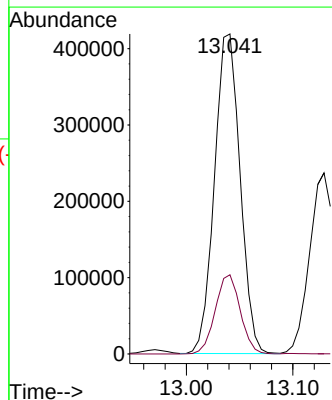
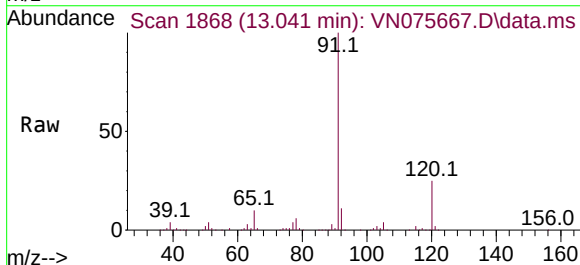
Instrument :
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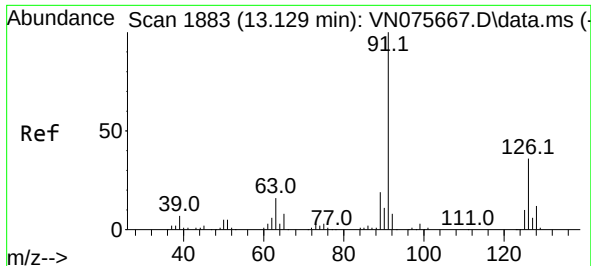
Tgt Ion:156 Resp: 148228
Ion Ratio Lower Upper
156 100
77 181.7 90.8 272.5
158 98.5 49.3 147.8



#78
n-propylbenzene
Concen: 52.519 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 91 Resp: 698904
Ion Ratio Lower Upper
91 100
120 24.2 12.1 36.3

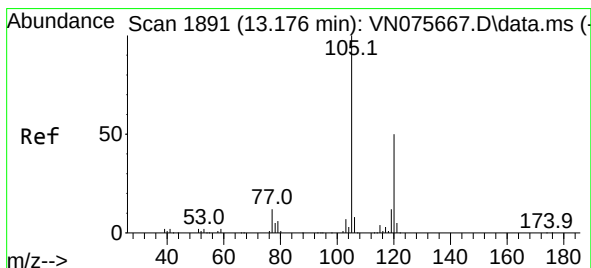
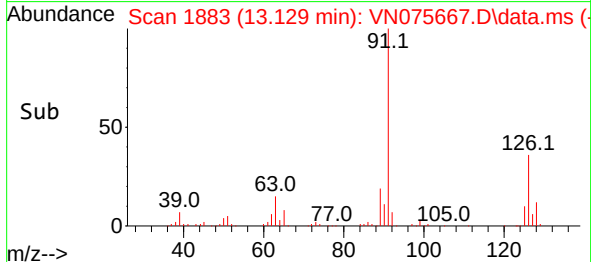
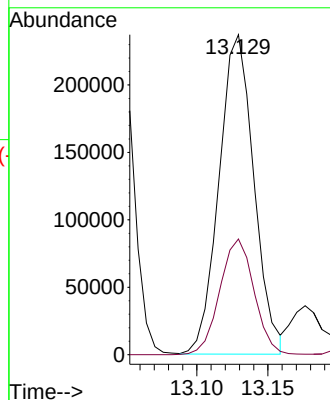
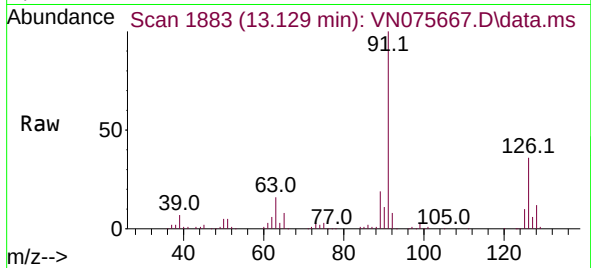




#79
2-Chlorotoluene
Concen: 49.246 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

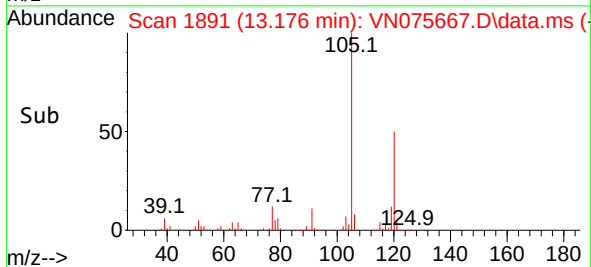
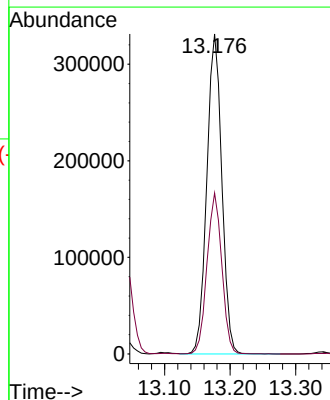
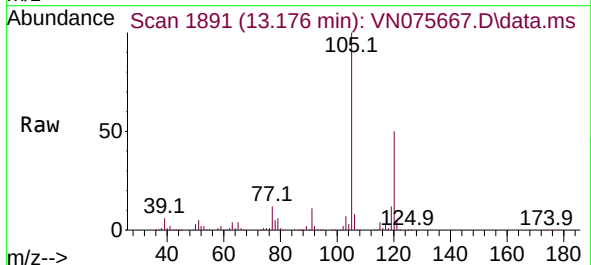
Instrument :
MSVOA_N
ClientSampleId :

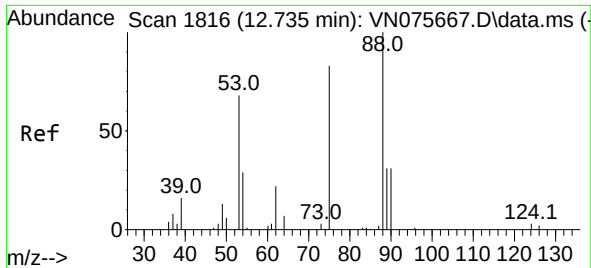
Tgt Ion: 91 Resp: 404590
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 52.583 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 105 Resp: 527220
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6

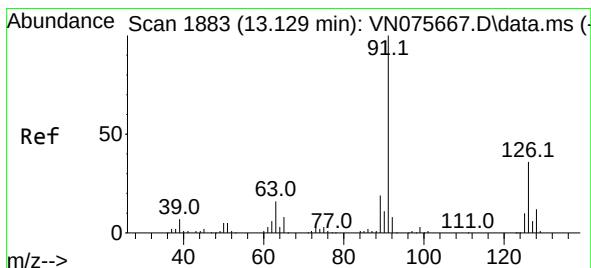
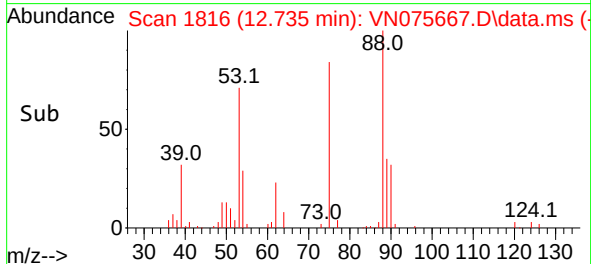
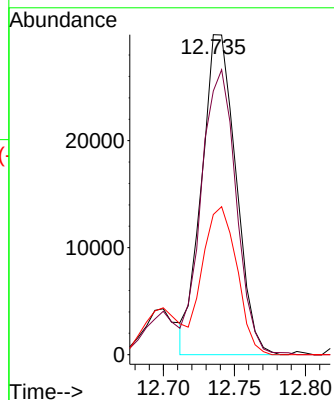
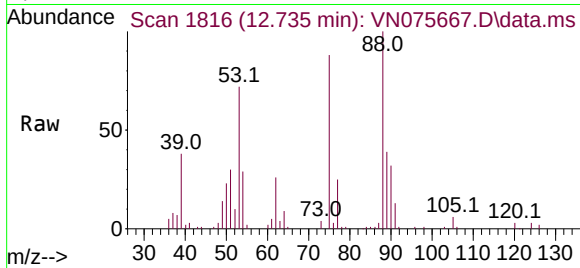




#81
trans-1,4-Dichloro-2-butene
Concen: 48.820 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

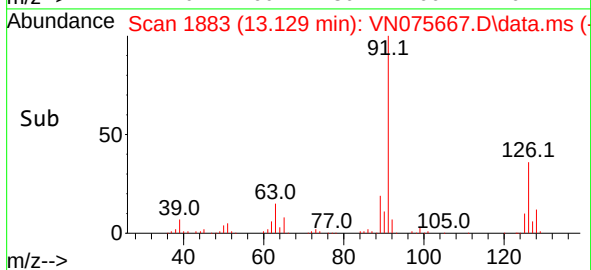
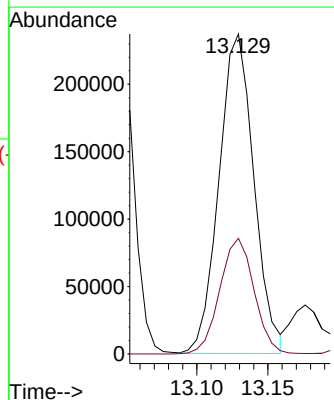
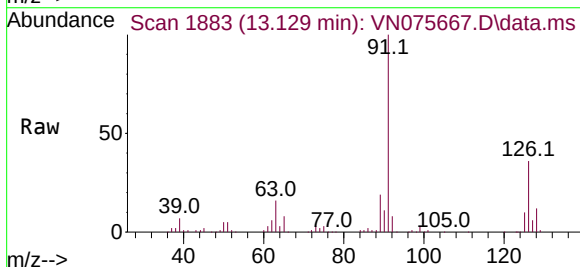
Instrument :
MSVOA_N
ClientSampleId :

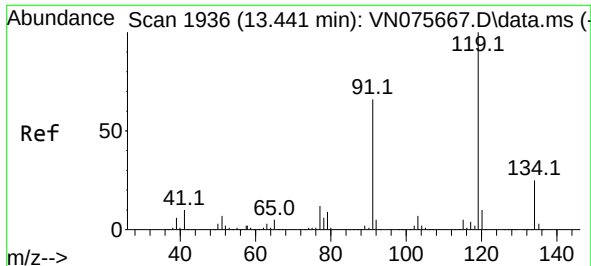
Tgt Ion: 75 Resp: 50191
Ion Ratio Lower Upper
75 100
53 90.5 72.4 108.6
89 45.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 49.246 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 91 Resp: 404590
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.4

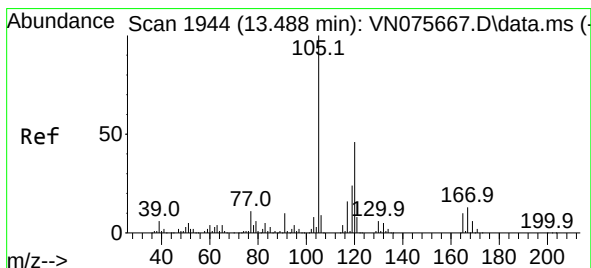
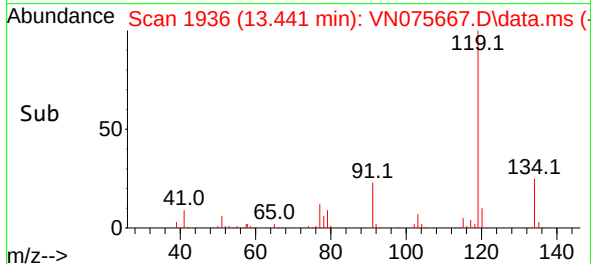
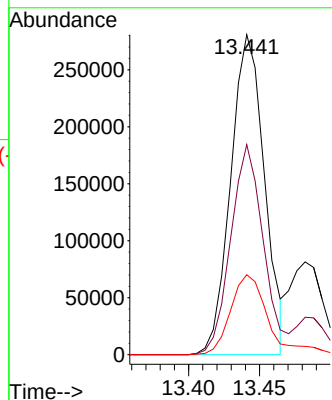
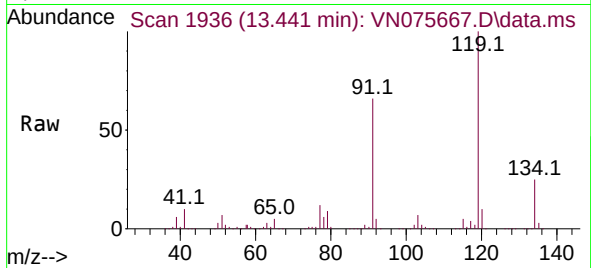




#83
tert-Butylbenzene
Concen: 50.999 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

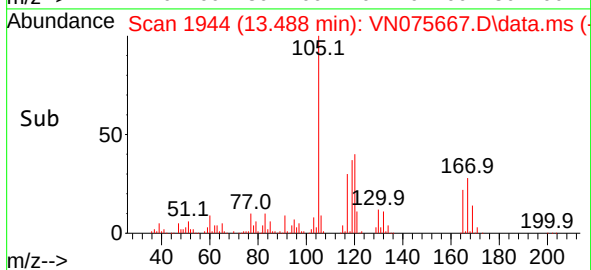
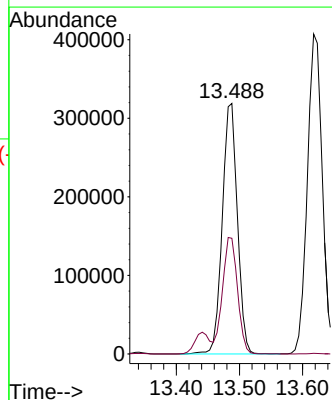
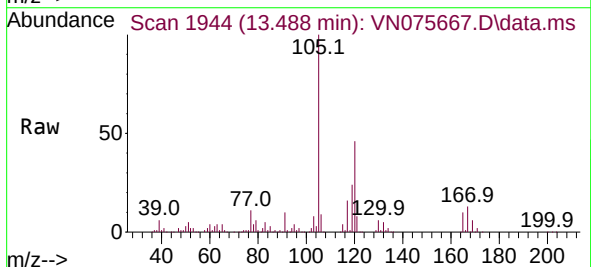
Instrument :
MSVOA_N
ClientSampleId :

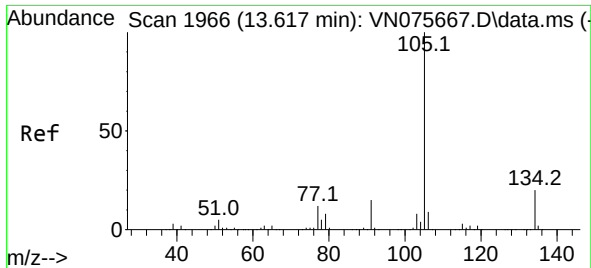
Tgt Ion:119 Resp: 463700
Ion Ratio Lower Upper
119 100
91 63.9 31.9 95.9
134 27.8 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 52.684 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:105 Resp: 530904
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2

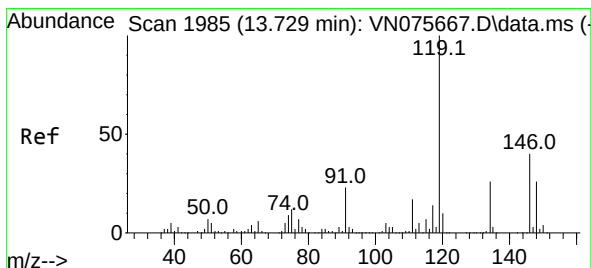
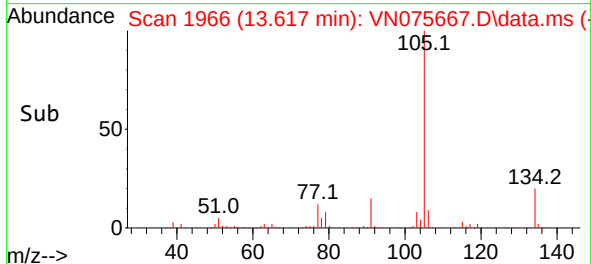
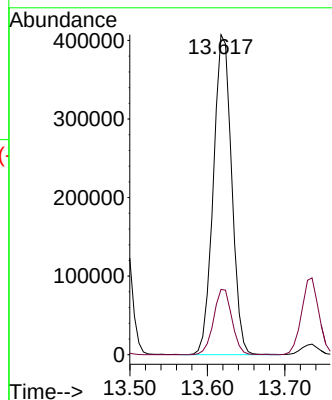
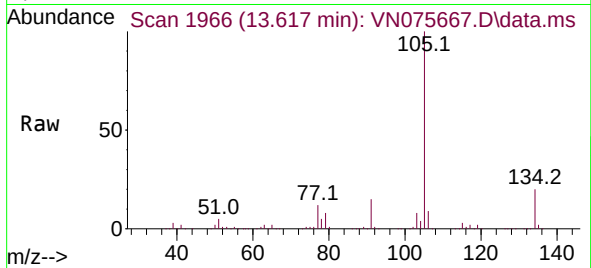




#85
 sec-Butylbenzene
 Concen: 53.413 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

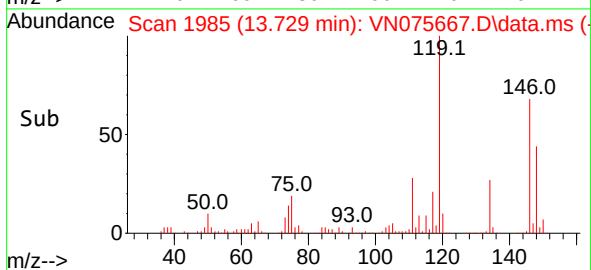
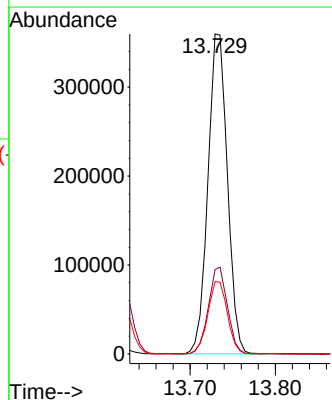
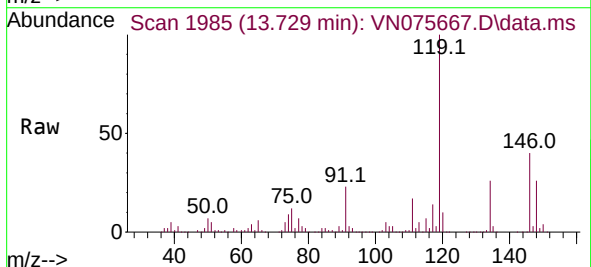
Instrument :
 MSVOA_N
 ClientSampleId :

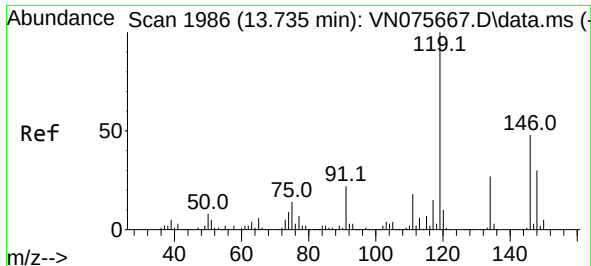
Tgt Ion:105 Resp: 667646
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 54.488 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

Tgt Ion:119 Resp: 569883
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.918 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

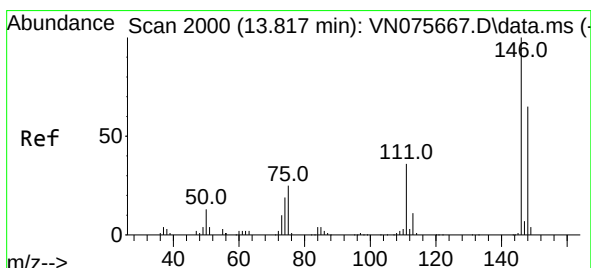
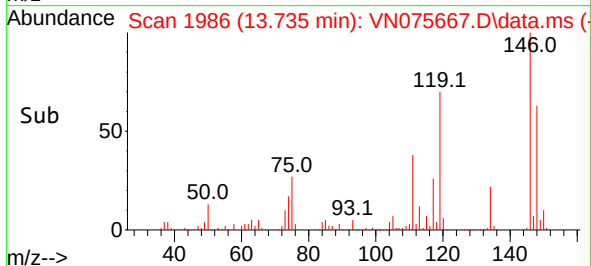
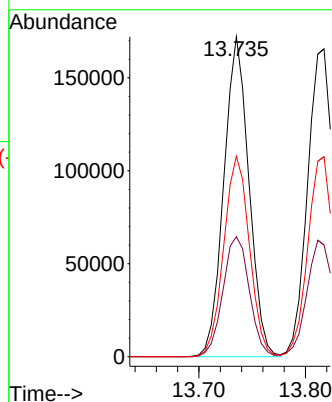
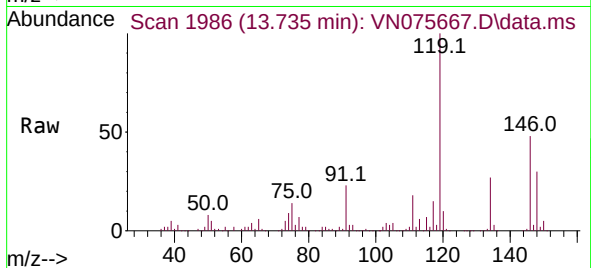
Tgt Ion:146 Resp: 281545

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.3

148 64.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 49.449 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

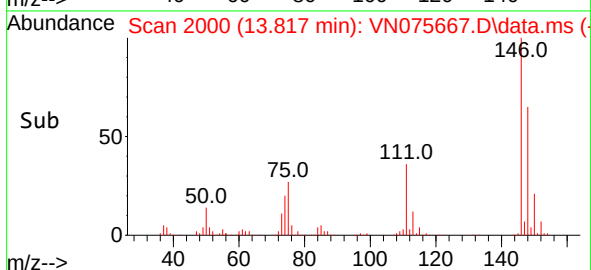
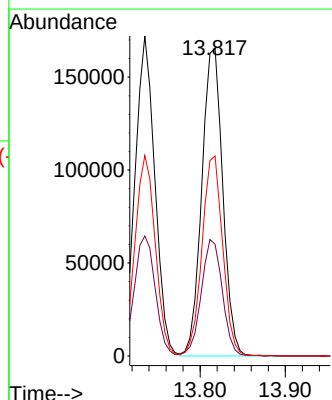
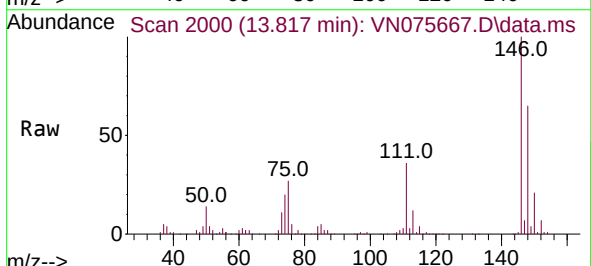
Tgt Ion:146 Resp: 283689

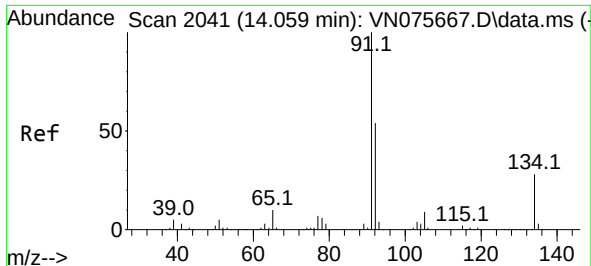
Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 55.002 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

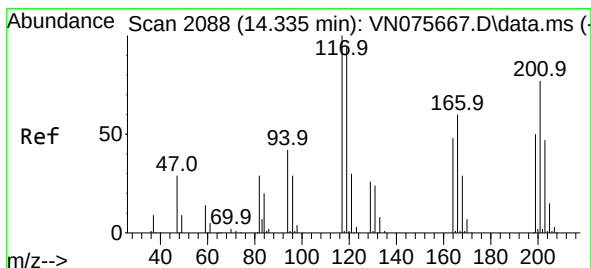
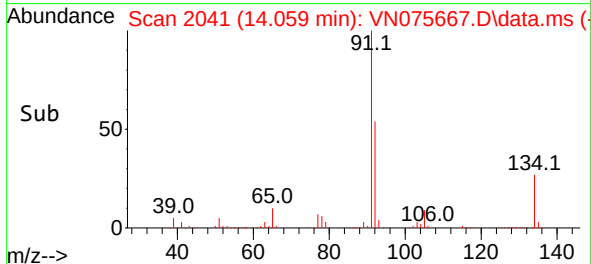
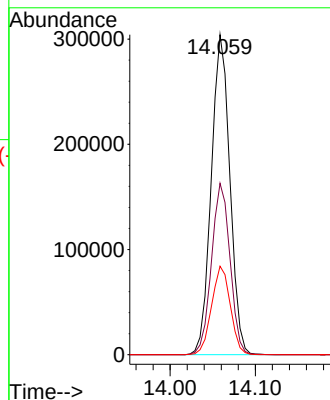
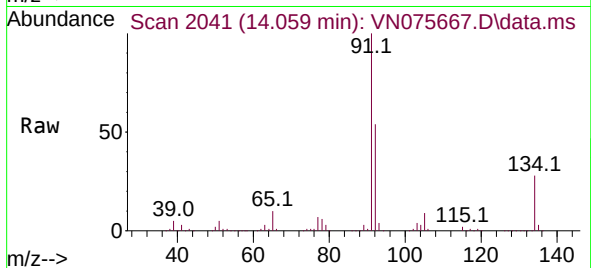
Tgt Ion: 91 Resp: 461071

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 27.8 13.9 41.7



#90

Hexachloroethane

Concen: 53.439 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075667.D

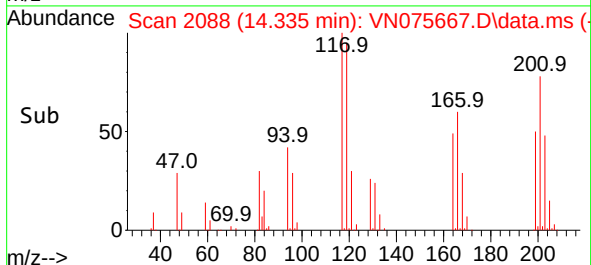
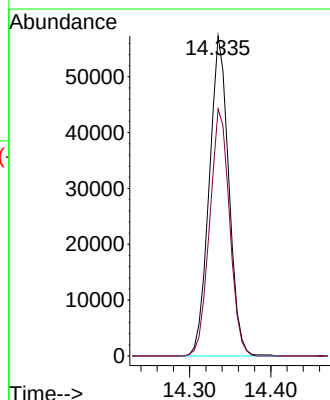
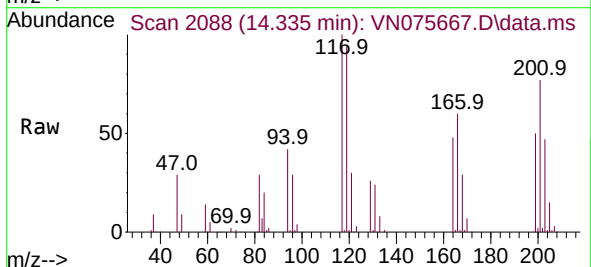
Acq: 09 Dec 2022 14:09

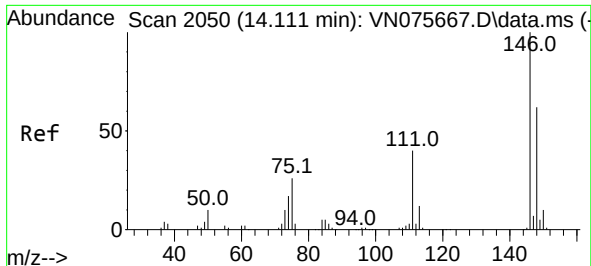
Tgt Ion: 117 Resp: 95735

Ion Ratio Lower Upper

117 100

201 78.4 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 49.779 ug/l

RT: 14.111 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

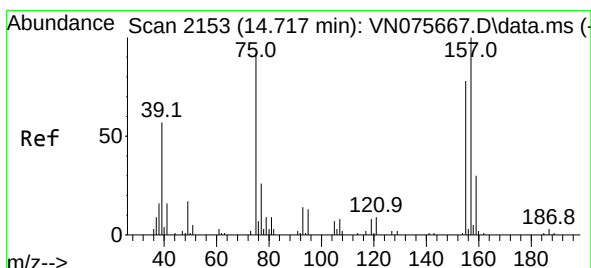
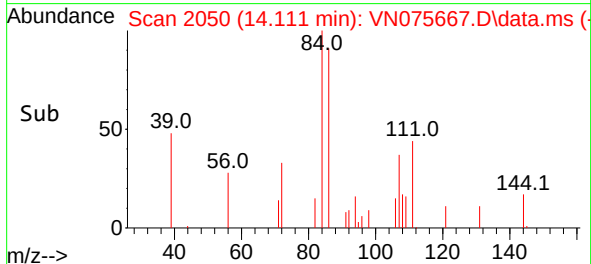
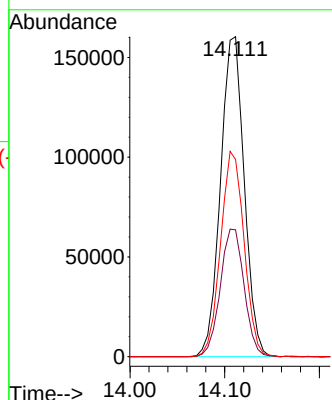
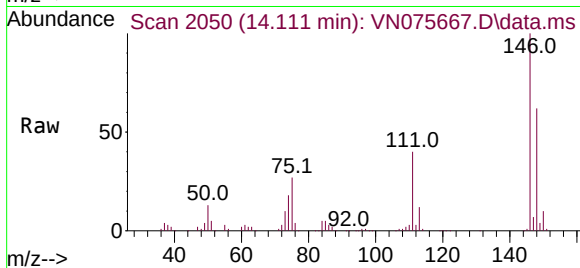
Tgt Ion:146 Resp: 279380

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.3

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.325 ug/l

RT: 14.717 min Scan# 2153

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

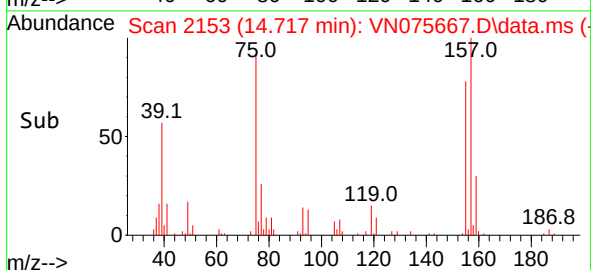
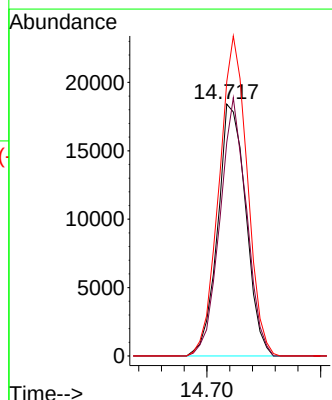
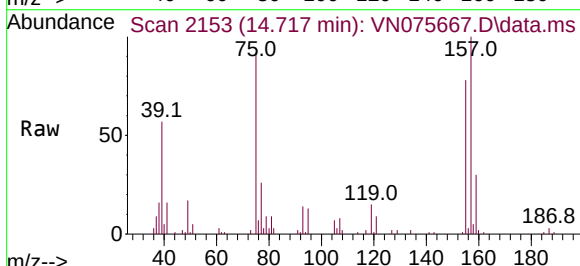
Tgt Ion: 75 Resp: 31567

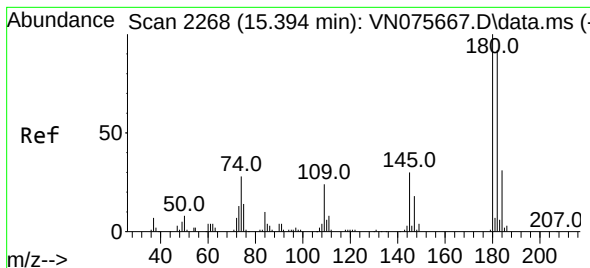
Ion Ratio Lower Upper

75 100

155 96.8 48.4 145.2

157 127.1 63.5 190.6





#93

1,2,4-Trichlorobenzene

Concen: 55.462 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

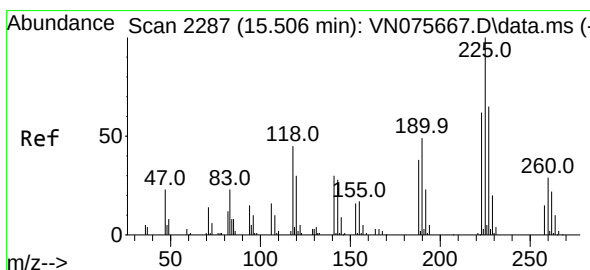
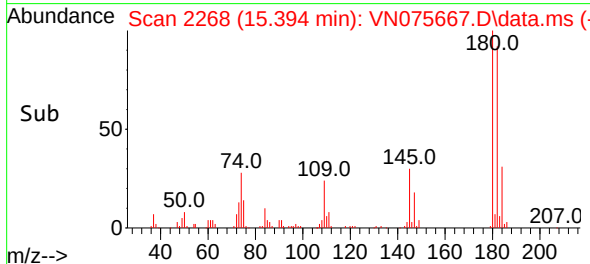
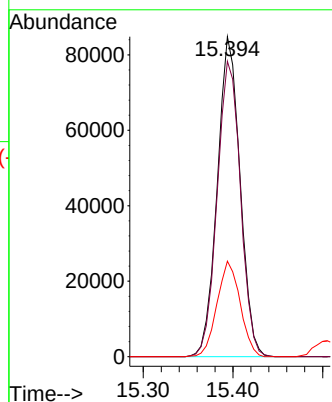
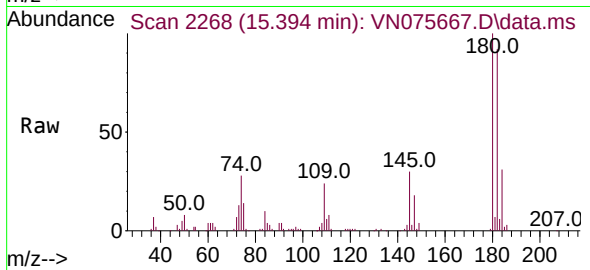
Tgt Ion:180 Resp: 149444

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 30.3 15.2 45.5



#94

Hexachlorobutadiene

Concen: 52.429 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

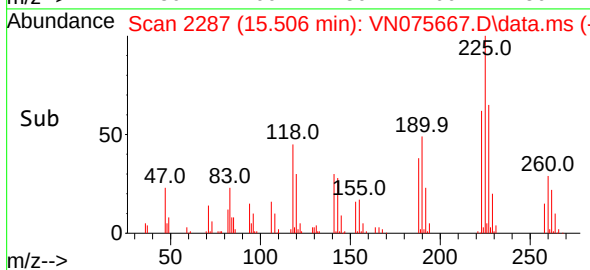
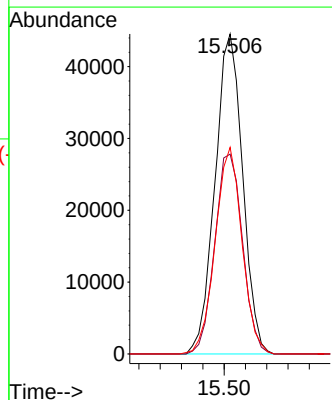
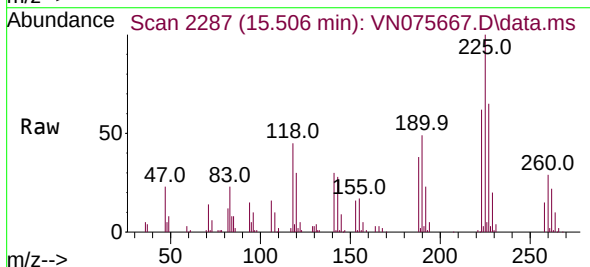
Tgt Ion:225 Resp: 80153

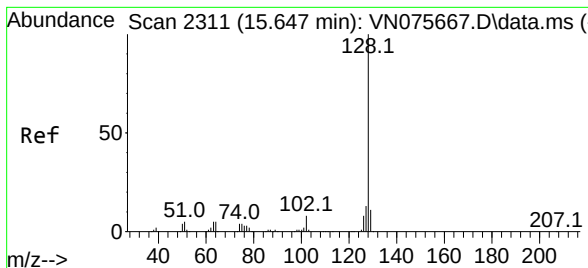
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 62.6 31.3 93.9

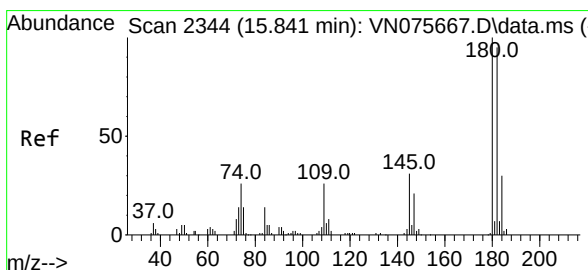
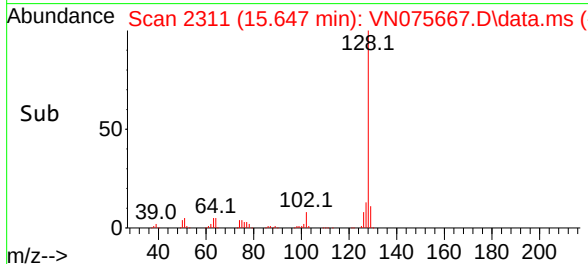
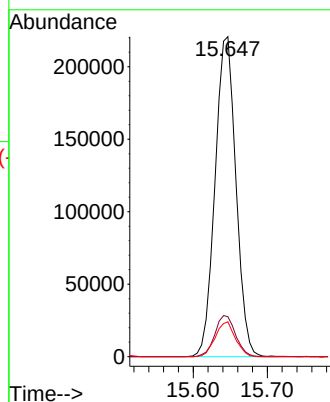
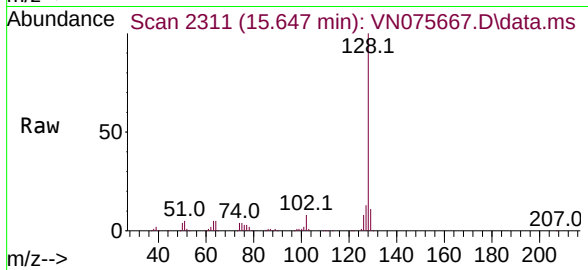




#95
Naphthalene
Concen: 54.240 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 431953
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 54.289 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:180 Resp: 143738
Ion Ratio Lower Upper
180 100
182 93.6 46.8 140.4
145 31.2 15.6 46.8

