

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075670.D
 Acq On : 09 Dec 2022 15:58
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 08:20:15 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	230468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	355175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	329646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	121893	49.847	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.700%
35) Dibromofluoromethane	8.171	113	110245	50.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.760%
50) Toluene-d8	10.571	98	417461	51.298	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.600%
62) 4-Bromofluorobenzene	12.853	95	149099	53.586	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	77864	45.936	ug/l	99
3) Chloromethane	2.371	50	89946	44.537	ug/l	96
4) Vinyl Chloride	2.524	62	112068	45.175	ug/l	99
5) Bromomethane	2.936	94	101952	48.254	ug/l	97
6) Chloroethane	3.112	64	84721	45.772	ug/l	96
7) Trichlorofluoromethane	3.501	101	165311	45.929	ug/l	99
8) Diethyl Ether	3.971	74	64899	49.321	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	99264	46.993	ug/l	99
10) Methyl Iodide	4.595	142	167139	48.420	ug/l	99
11) Tert butyl alcohol	5.542	59	86699	239.660	ug/l	99
12) 1,1-Dichloroethene	4.348	96	95035	48.134	ug/l	93
13) Acrolein	4.189	56	100098	240.251	ug/l	99
14) Allyl chloride	5.036	41	124561	50.662	ug/l	91
15) Acrylonitrile	5.730	53	225176	240.978	ug/l	99
16) Acetone	4.442	43	197670	238.696	ug/l	98
17) Carbon Disulfide	4.718	76	240092	45.957	ug/l	98
18) Methyl Acetate	5.036	43	115456	43.388	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	336763	50.706	ug/l	99
20) Methylene Chloride	5.283	84	111094	45.000	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	104713	47.459	ug/l	94
22) Diisopropyl ether	6.683	45	282718	50.538	ug/l	99
23) Vinyl Acetate	6.612	43	991904	232.527	ug/l	100
24) 1,1-Dichloroethane	6.571	63	176766	48.003	ug/l	98
25) 2-Butanone	7.489	43	290712	240.139	ug/l	96
26) 2,2-Dichloropropane	7.494	77	156646	49.878	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	127914	47.754	ug/l	99
28) Bromochloromethane	7.818	49	76035	51.643	ug/l	99
29) Tetrahydrofuran	7.841	42	184495	247.254	ug/l	99
30) Chloroform	7.971	83	202303	49.599	ug/l	98
31) Cyclohexane	8.259	56	159427	44.034	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	185149	49.203	ug/l	99
36) 1,1-Dichloropropene	8.371	75	145660	50.622	ug/l	99
37) Ethyl Acetate	7.565	43	115203	49.867	ug/l	100
38) Carbon Tetrachloride	8.365	117	164843	49.646	ug/l	98
39) Methylcyclohexane	9.606	83	195889	53.688	ug/l	99
40) Benzene	8.612	78	448225	50.758	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	63765	53.829	ug/l	98
42) 1,2-Dichloroethane	8.677	62	149872	50.735	ug/l	100
43) Isopropyl Acetate	8.694	43	204980	53.147	ug/l	99
44) Trichloroethene	9.353	130	123532	49.587	ug/l	95
45) 1,2-Dichloropropane	9.624	63	106815	50.859	ug/l	96
46) Dibromomethane	9.712	93	81561	51.726	ug/l	99
47) Bromodichloromethane	9.888	83	161119	52.115	ug/l	92
48) Methyl methacrylate	9.683	41	93956	52.894	ug/l	98
49) 1,4-Dioxane	9.700	88	45153	1045.703	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	615276	258.716	ug/l	99
52) Toluene	10.635	92	302393	51.808	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	172992	56.656	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	187507	55.196	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	118169	51.492	ug/l	96
56) Ethyl methacrylate	10.877	69	170021	54.676	ug/l	99
57) 1,3-Dichloropropane	11.165	76	194415	52.413	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	271965	296.215	ug/l	99
59) 2-Hexanone	11.200	43	455581	263.677	ug/l	100
60) Dibromochloromethane	11.359	129	135055	53.481	ug/l	99
61) 1,2-Dibromoethane	11.471	107	126616	52.661	ug/l	99
64) Tetrachloroethene	11.106	164	112059	46.669	ug/l	98
65) Chlorobenzene	11.894	112	332983	49.094	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	125628	50.909	ug/l	99
67) Ethyl Benzene	11.965	91	591392	51.542	ug/l	98
68) m/p-Xylenes	12.071	106	479356	103.394	ug/l	99
69) o-Xylene	12.400	106	236075	52.474	ug/l	99
70) Styrene	12.412	104	393361	54.515	ug/l	99
71) Bromoform	12.582	173	100651	53.810	ug/l #	98
73) Isopropylbenzene	12.700	105	611495	49.905	ug/l	99
74) N-amyl acetate	12.494	43	191852	53.887	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	172009	46.731	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	205924	60.086	ug/l	77
77) Bromobenzene	12.982	156	151982	49.321	ug/l	98
78) n-propylbenzene	13.035	91	707813	52.057	ug/l	99
79) 2-Chlorotoluene	13.129	91	410312	48.880	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	534310	52.156	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	51386	48.913	ug/l	98
82) 4-Chlorotoluene	13.129	91	410312	48.880	ug/l	100
83) tert-Butylbenzene	13.441	119	472118	50.820	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	536214	52.079	ug/l	100
85) sec-Butylbenzene	13.618	105	671156	52.551	ug/l	99
86) p-Isopropyltoluene	13.729	119	571981	53.525	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	292082	50.684	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	286903	48.945	ug/l	99
89) n-Butylbenzene	14.059	91	469916	54.865	ug/l	100
90) Hexachloroethane	14.335	117	95523	52.186	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	280450	48.907	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30630	50.641	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	150233	54.569	ug/l	99
94) Hexachlorobutadiene	15.506	225	78773	50.430	ug/l	99
95) Naphthalene	15.641	128	437143	53.723	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	145141	53.653	ug/l	99

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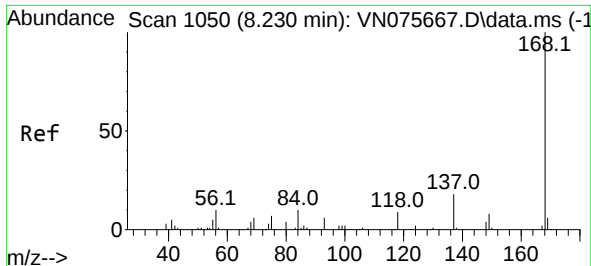
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QLast Update : Mon Dec 12 07:54:35 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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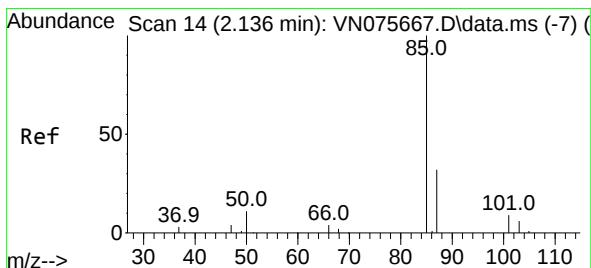
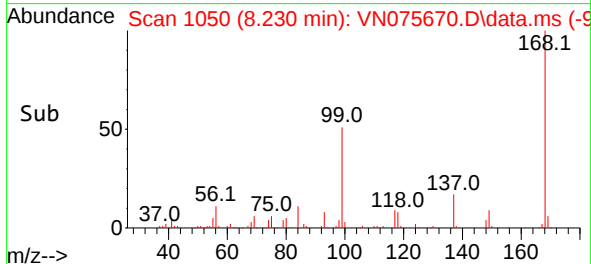
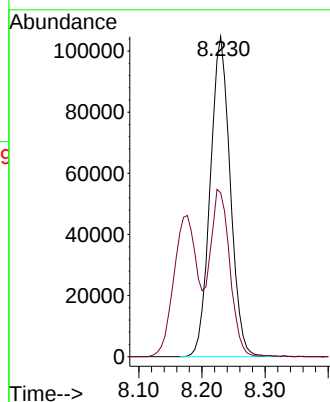
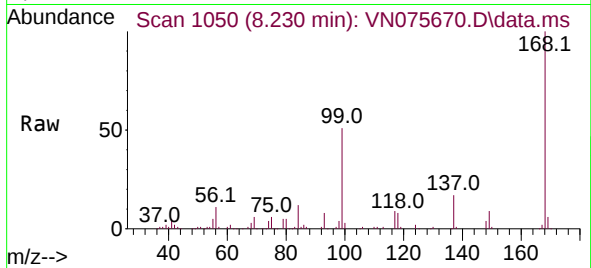




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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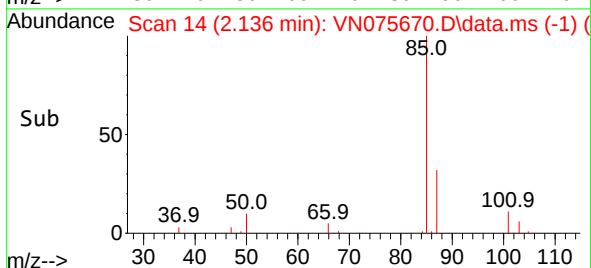
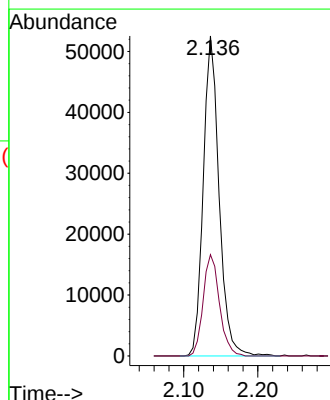
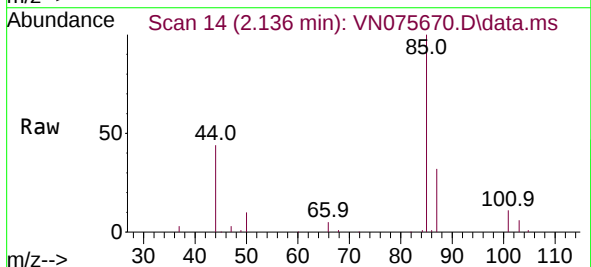
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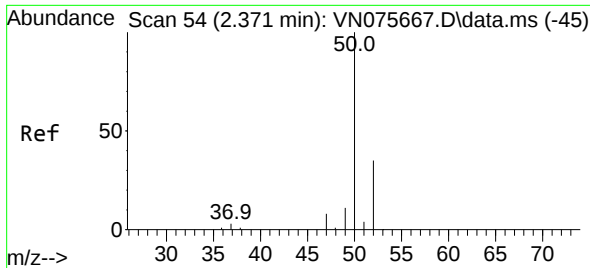
Tgt Ion:168 Resp: 230468
Ion Ratio Lower Upper
168 100
99 51.1 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 45.936 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 85 Resp: 77864
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

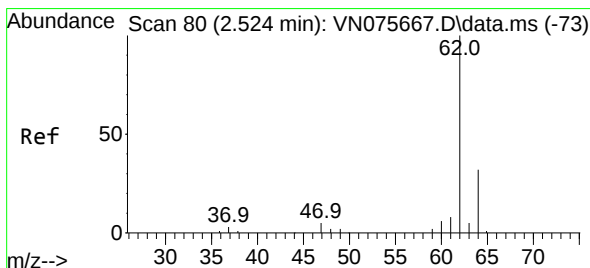
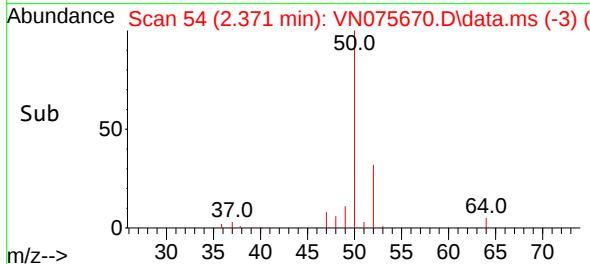
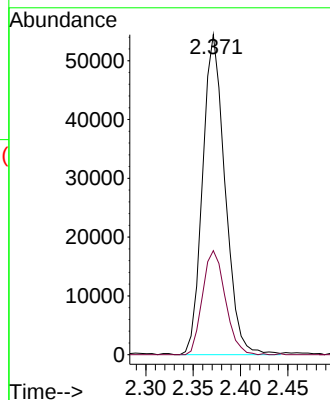
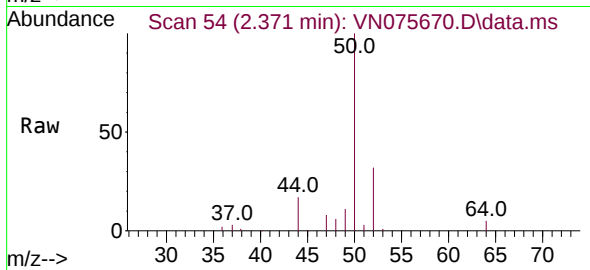




#3
Chloromethane
Concen: 44.537 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

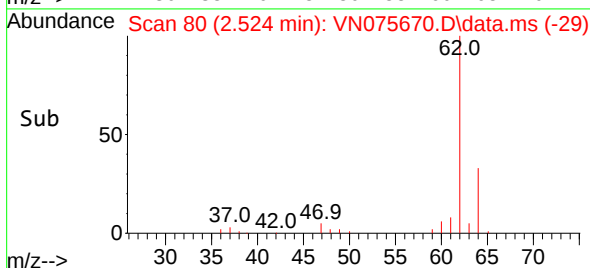
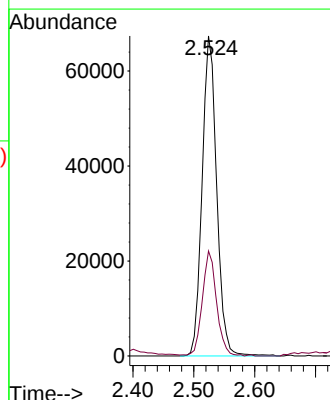
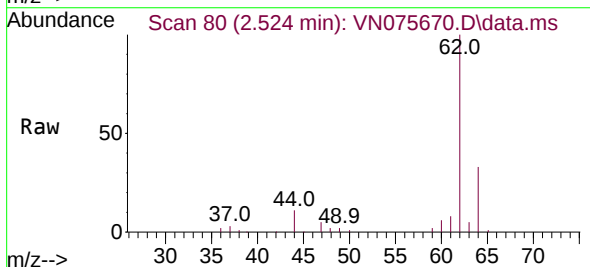
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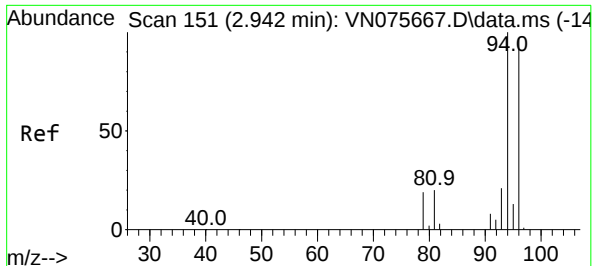
Tgt Ion: 50 Resp: 89946
Ion Ratio Lower Upper
50 100
52 32.5 27.9 41.9



#4
Vinyl Chloride
Concen: 45.175 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 62 Resp: 112068
Ion Ratio Lower Upper
62 100
64 32.8 25.9 38.9

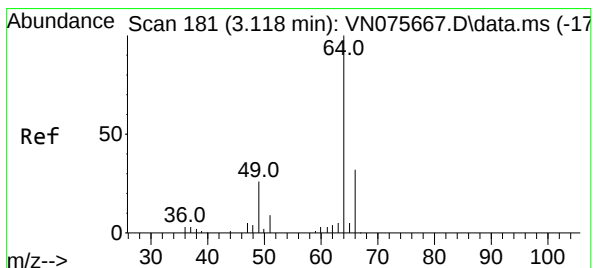
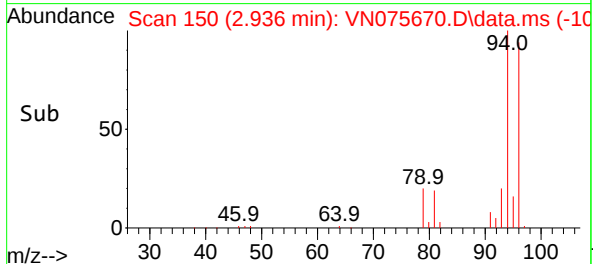
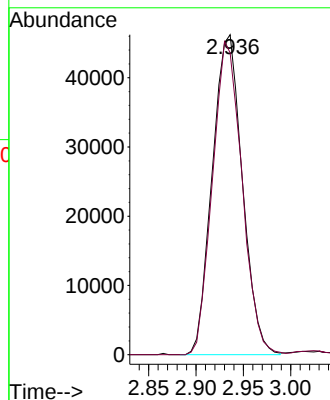
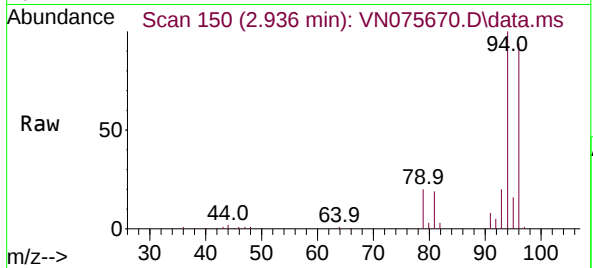




#5
Bromomethane
Concen: 48.254 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075670.D
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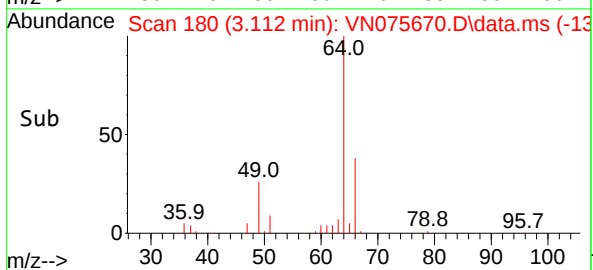
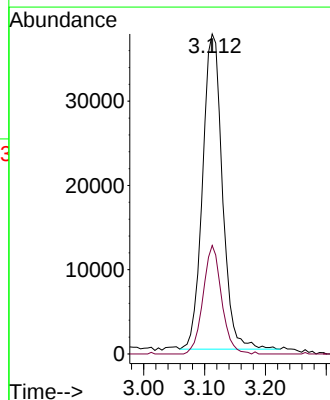
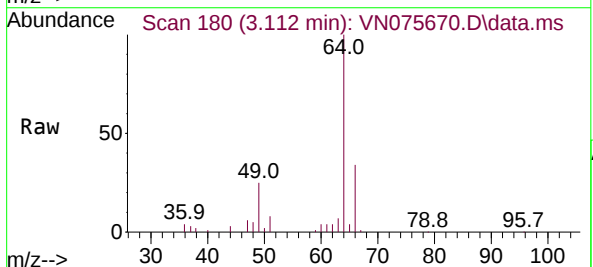
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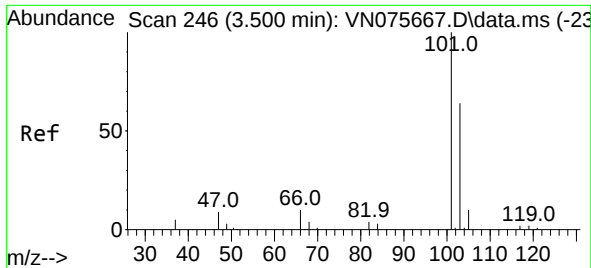
Tgt Ion: 94 Resp: 101952
Ion Ratio Lower Upper
94 100
96 94.4 77.6 116.4



#6
Chloroethane
Concen: 45.772 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 64 Resp: 84721
Ion Ratio Lower Upper
64 100
66 34.4 25.7 38.5

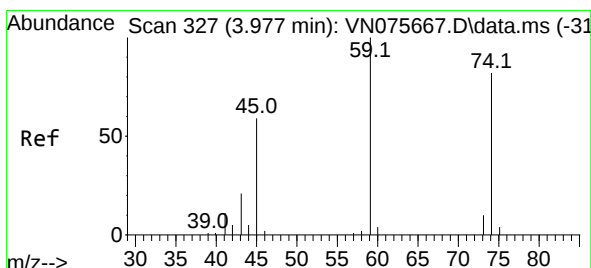
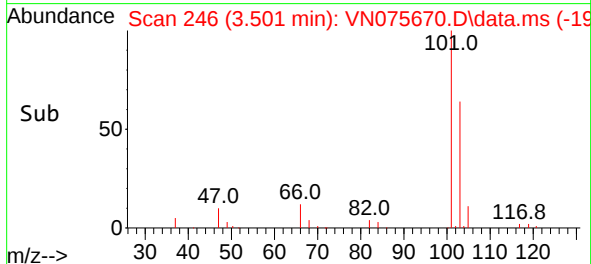
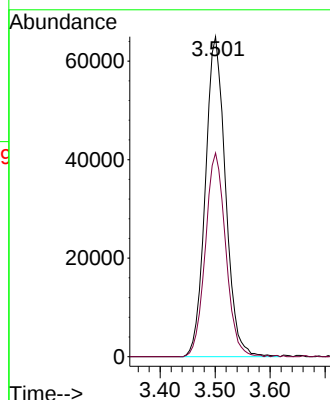
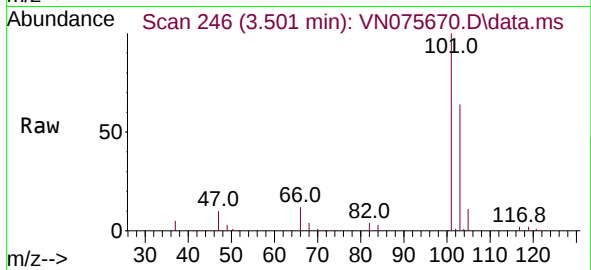




#7
 Trichlorofluoromethane
 Concen: 45.929 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

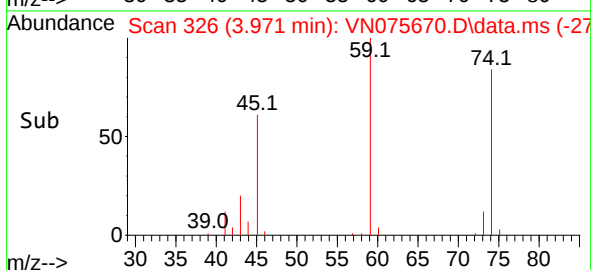
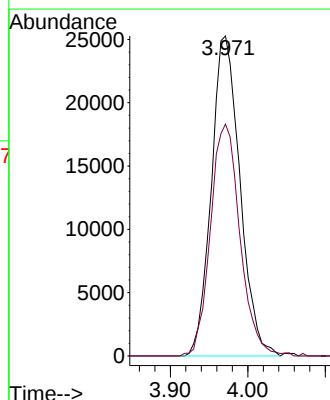
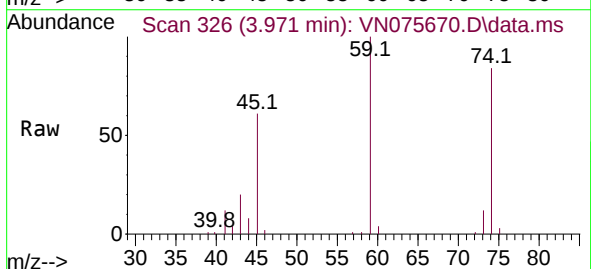
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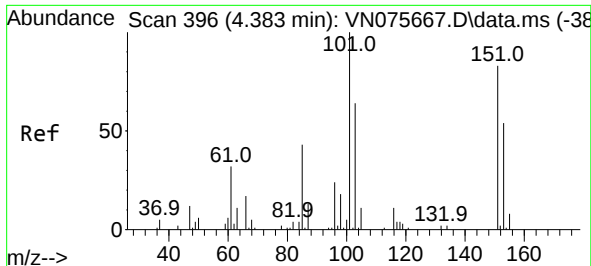
Tgt Ion:101 Resp: 165311
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 49.321 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.006 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

Tgt Ion: 74 Resp: 64899
 Ion Ratio Lower Upper
 74 100
 45 74.7 36.8 110.4

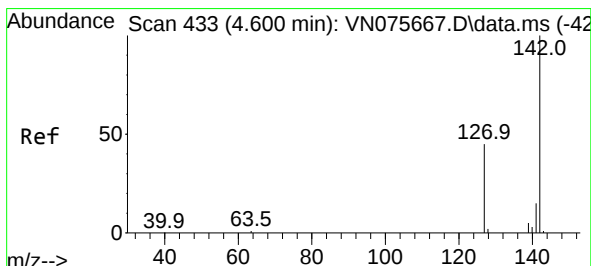
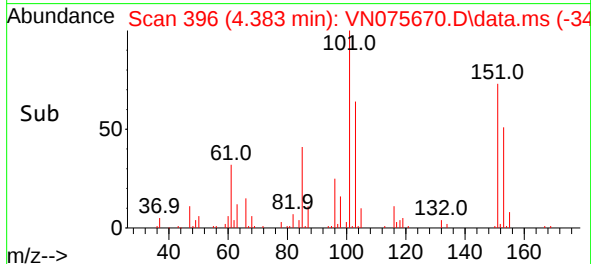
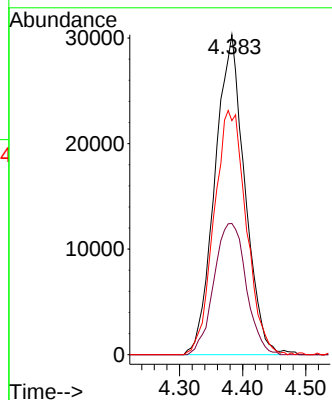
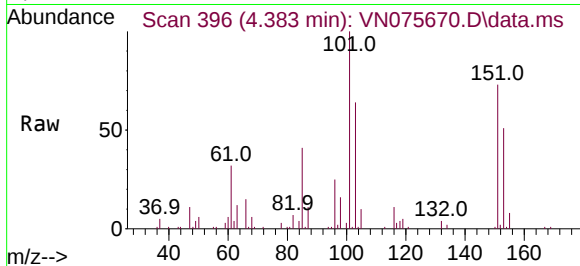




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.993 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075670.D
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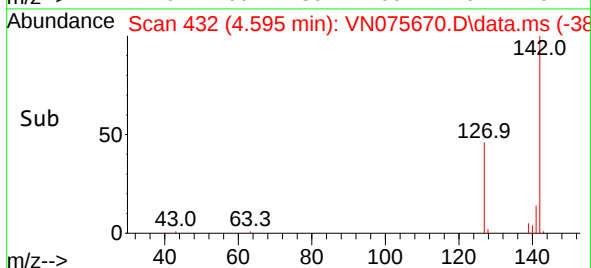
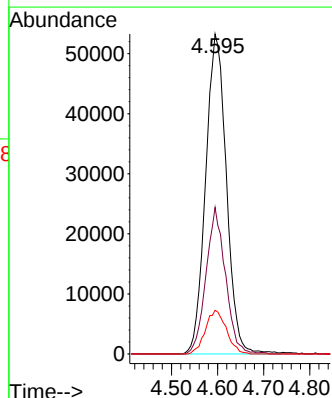
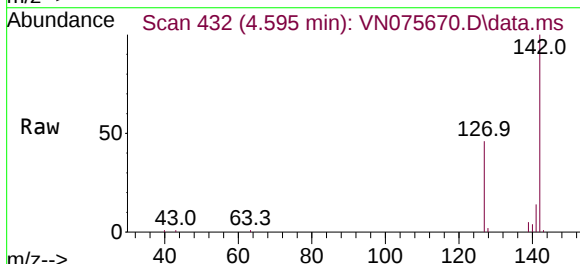
Instrument :
MSVOA_N
ClientSampleId :

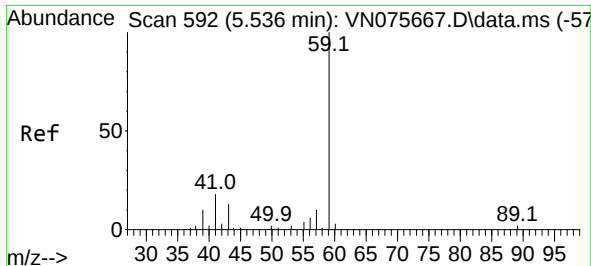
Tgt Ion:101 Resp: 99264
Ion Ratio Lower Upper
101 100
85 44.3 35.3 52.9
151 82.6 65.6 98.4



#10
Methyl Iodide
Concen: 48.420 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion:142 Resp: 167139
Ion Ratio Lower Upper
142 100
127 42.7 35.0 52.4
141 13.8 11.4 17.2

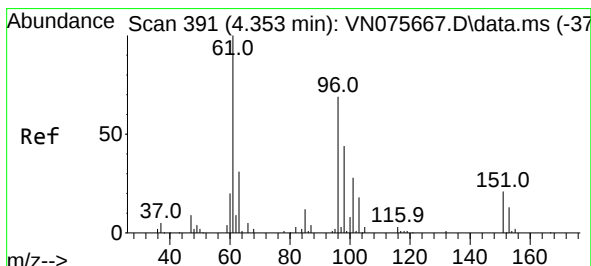
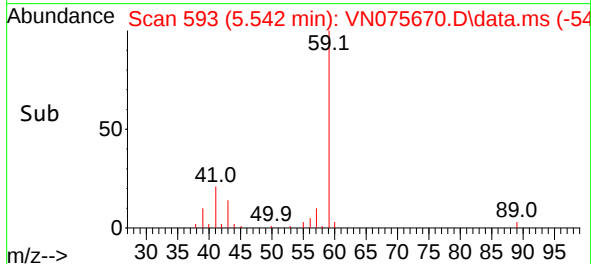
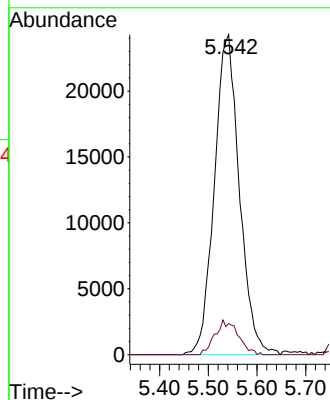
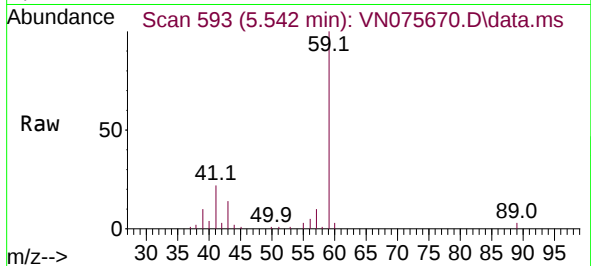




#11
Tert butyl alcohol
Concen: 239.660 ug/l
RT: 5.542 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

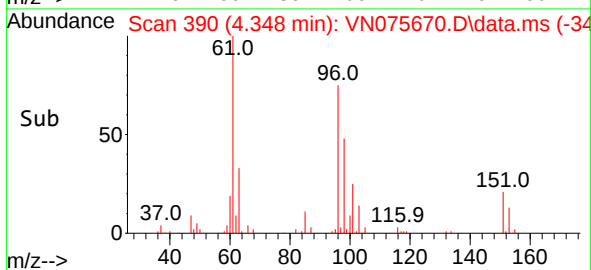
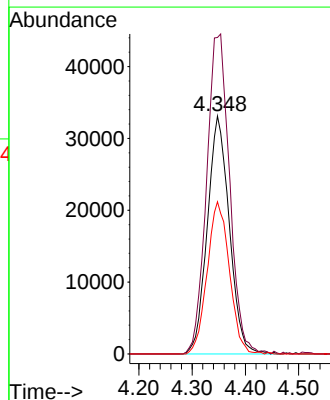
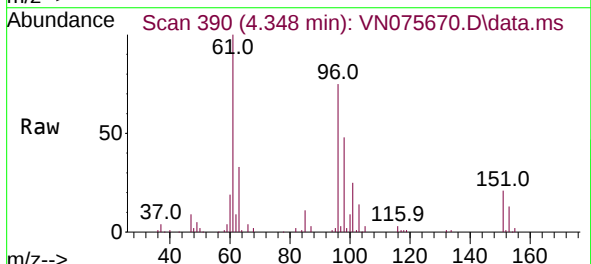
Instrument :
MSVOA_N
ClientSampleId :

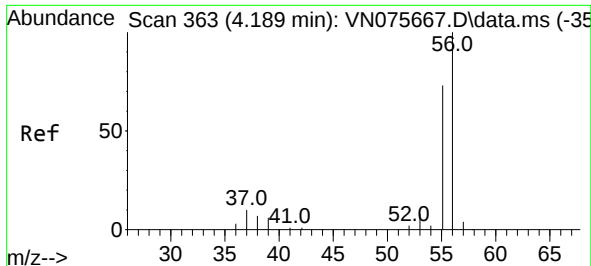
Tgt Ion: 59 Resp: 86699
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.134 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

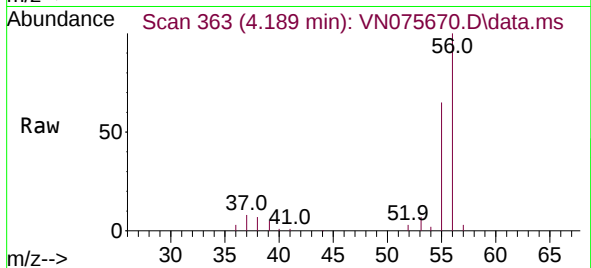
Tgt Ion: 96 Resp: 95035
Ion Ratio Lower Upper
96 100
61 133.0 116.8 175.2
98 64.0 51.6 77.4



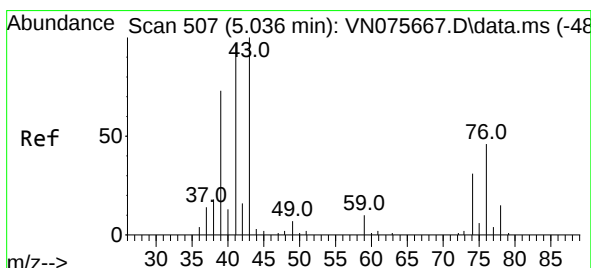
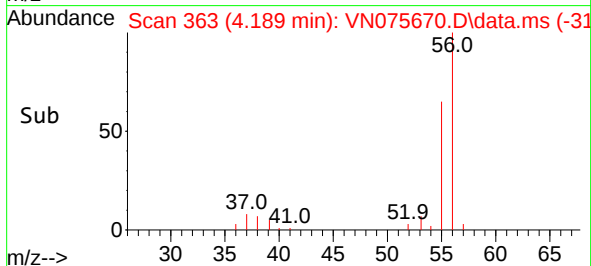
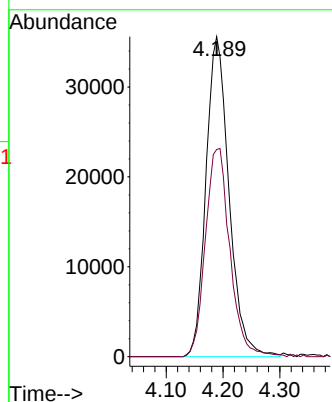


#13
Acrolein
Concen: 240.251 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Instrument :
MSVOA_N
ClientSampleId :

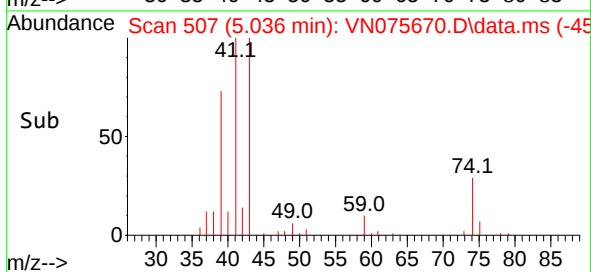
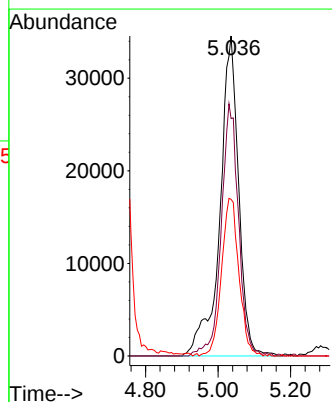
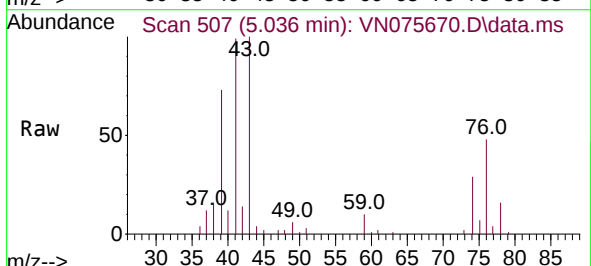


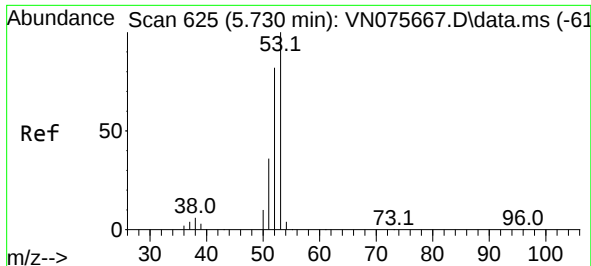
Tgt Ion: 56 Resp: 100098
Ion Ratio Lower Upper
56 100
55 69.2 55.7 83.5



#14
Allyl chloride
Concen: 50.662 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 41 Resp: 124561
Ion Ratio Lower Upper
41 100
39 72.2 64.6 96.8
76 45.6 40.9 61.3

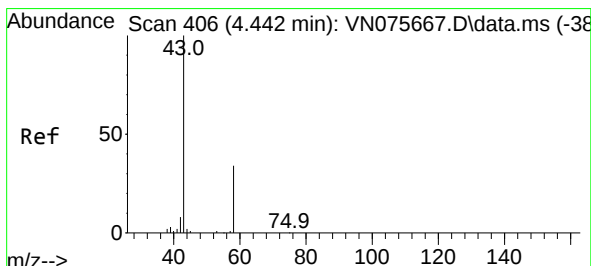
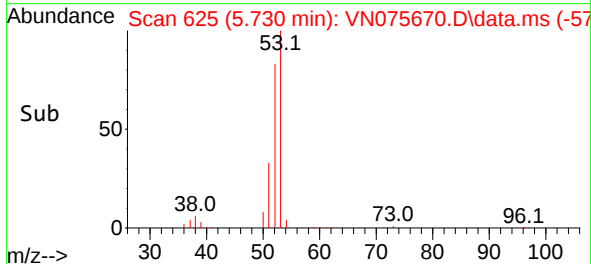
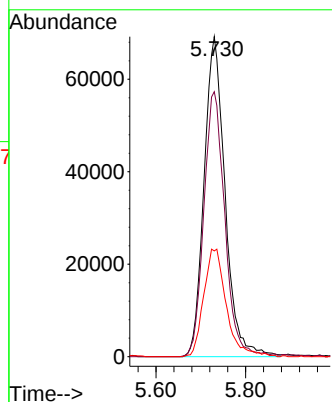
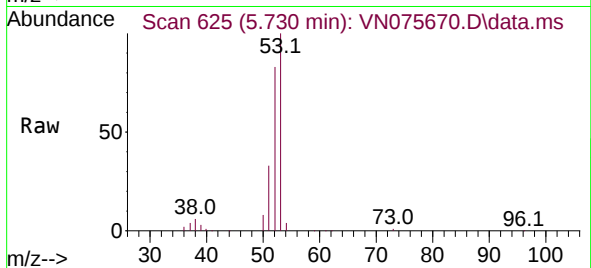




#15
Acrylonitrile
Concen: 240.978 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

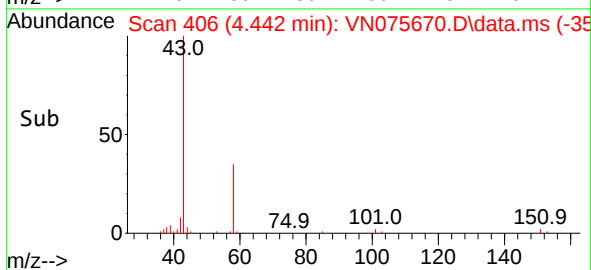
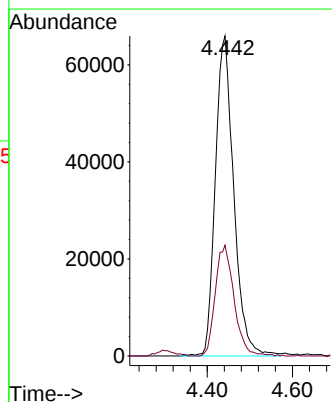
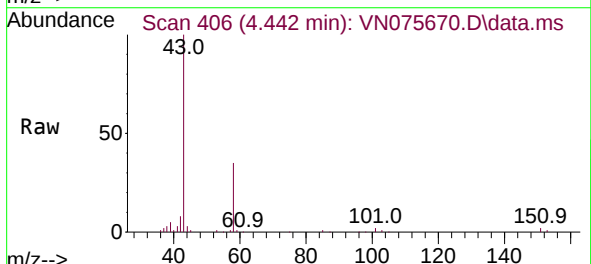
Instrument :
MSVOA_N
ClientSampleId :

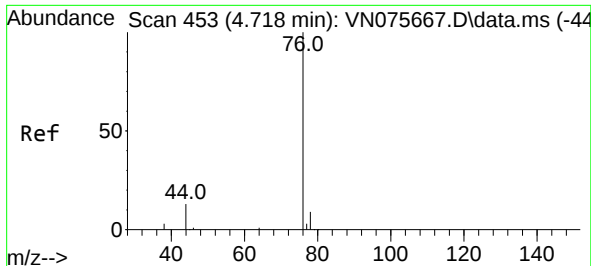
Tgt Ion: 53 Resp: 225176
Ion Ratio Lower Upper
53 100
52 82.9 65.0 97.4
51 36.2 28.9 43.3



#16
Acetone
Concen: 238.696 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 43 Resp: 197670
Ion Ratio Lower Upper
43 100
58 34.6 27.0 40.4

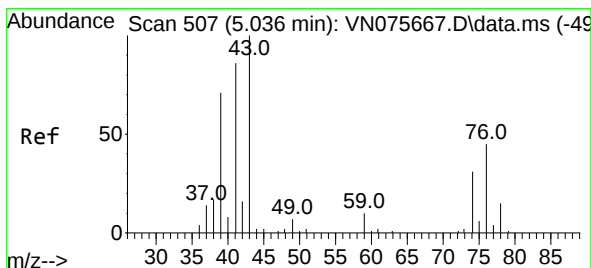
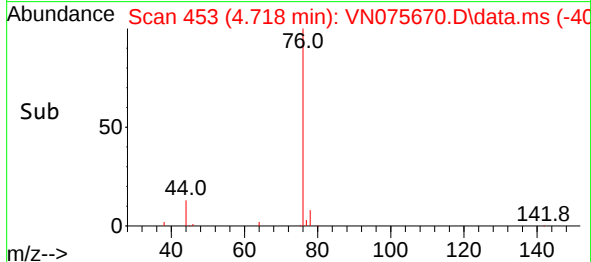
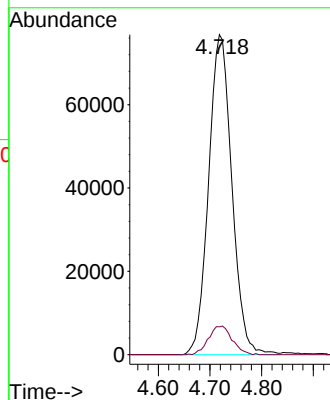
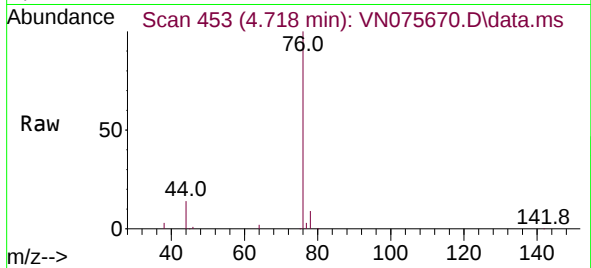




#17
Carbon Disulfide
Concen: 45.957 ug/l
RT: 4.718 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

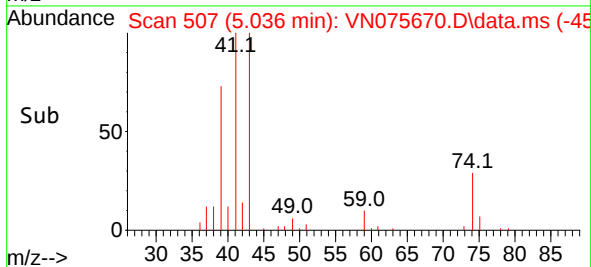
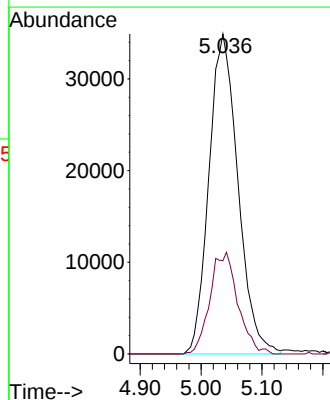
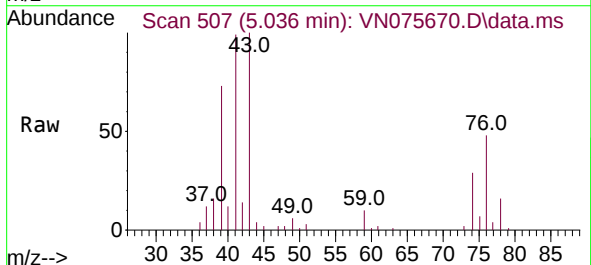
Instrument :
MSVOA_N
ClientSampleId :

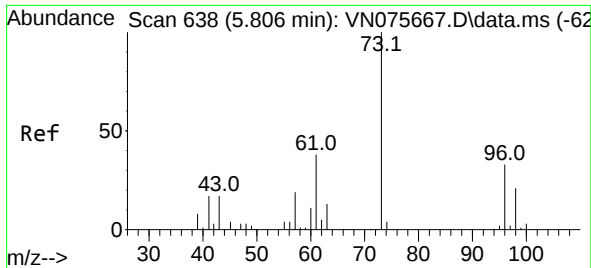
Tgt Ion: 76 Resp: 240092
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 43.388 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 43 Resp: 115456
Ion Ratio Lower Upper
43 100
74 30.6 24.5 36.7

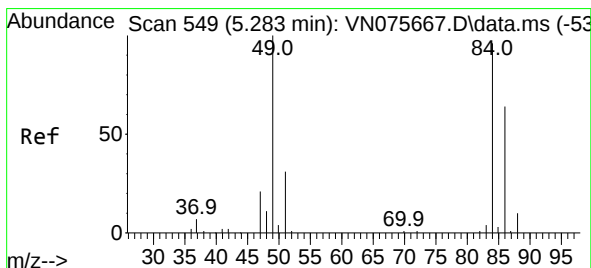
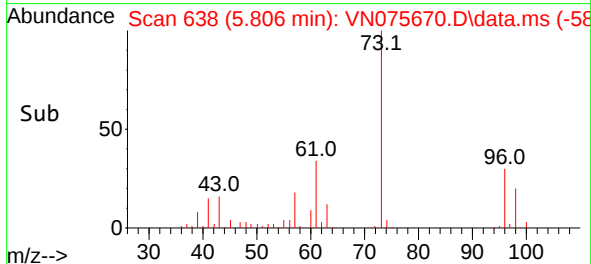
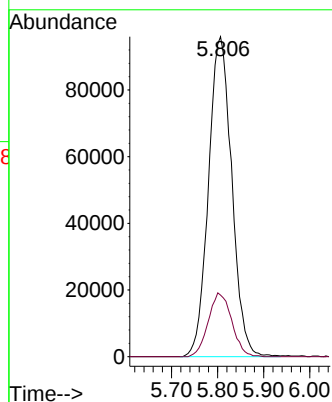
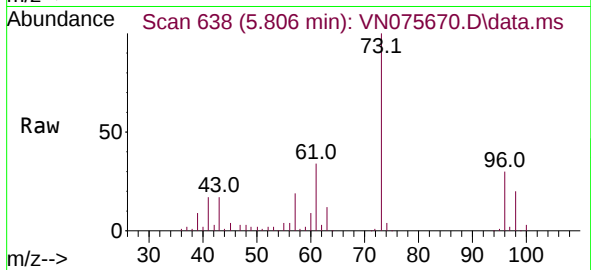




#19
Methyl tert-butyl Ether
Concen: 50.706 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

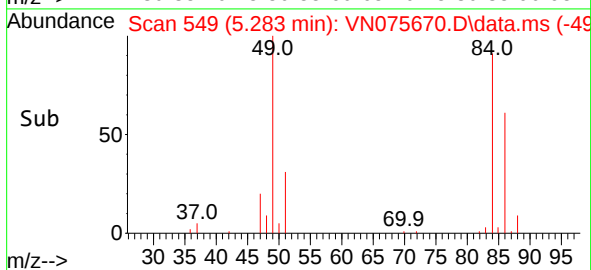
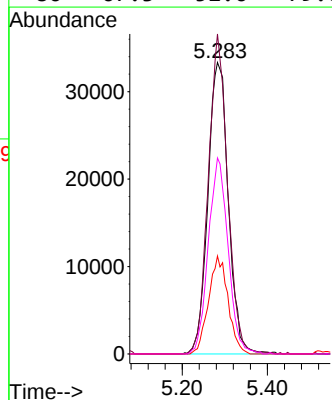
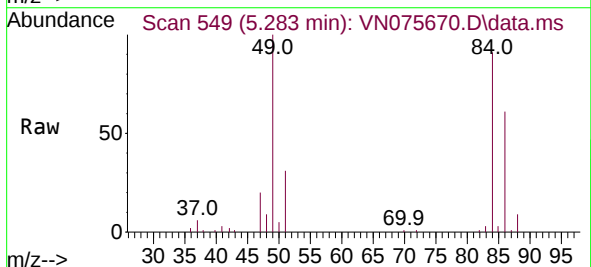
Instrument :
MSVOA_N
ClientSampleId :

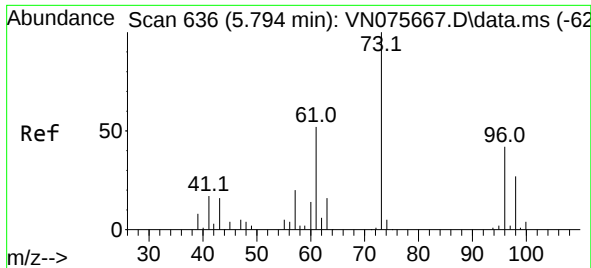
Tgt Ion: 73 Resp: 336763
Ion Ratio Lower Upper
73 100
57 19.2 15.1 22.7



#20
Methylene Chloride
Concen: 45.000 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 84 Resp: 111094
Ion Ratio Lower Upper
84 100
49 109.8 83.0 124.4
51 33.6 26.0 39.0
86 67.3 52.6 79.0

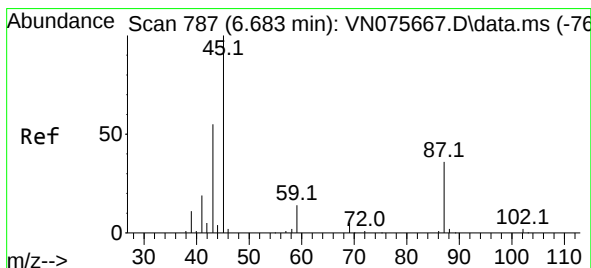
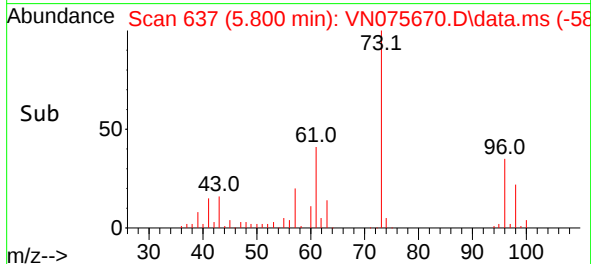
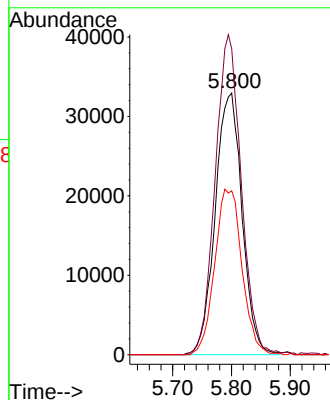
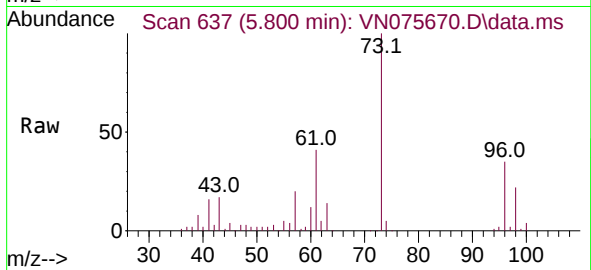




#21
trans-1,2-Dichloroethene
Concen: 47.459 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

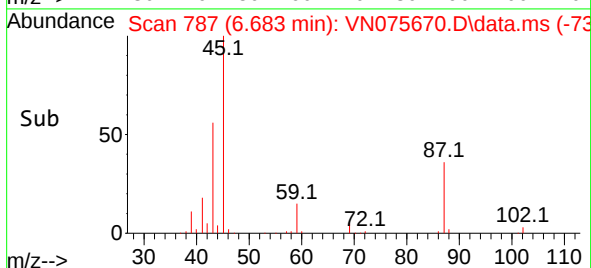
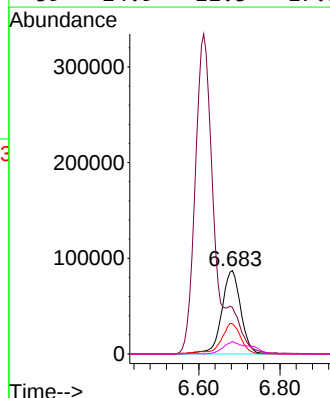
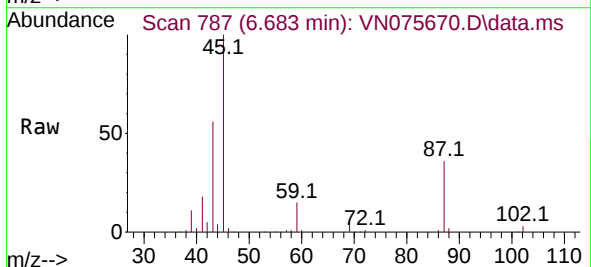
Instrument :
MSVOA_N
ClientSampleId :

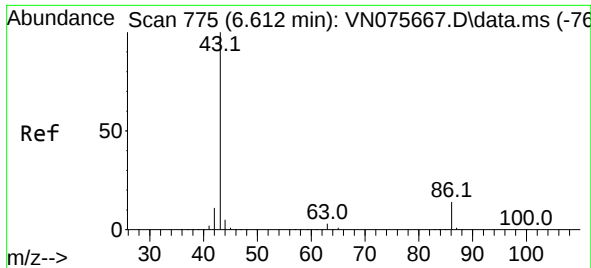
Tgt Ion: 96 Resp: 104713
Ion Ratio Lower Upper
96 100
61 116.9 100.5 150.7
98 62.7 52.7 79.1



#22
Diisopropyl ether
Concen: 50.538 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 45 Resp: 282718
Ion Ratio Lower Upper
45 100
43 55.0 44.9 67.3
87 36.2 28.8 43.2
59 14.9 11.5 17.3

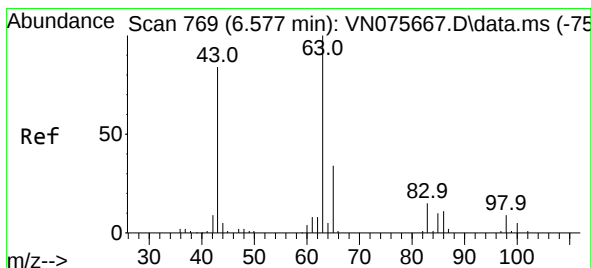
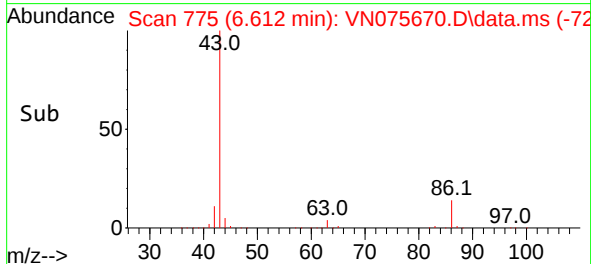
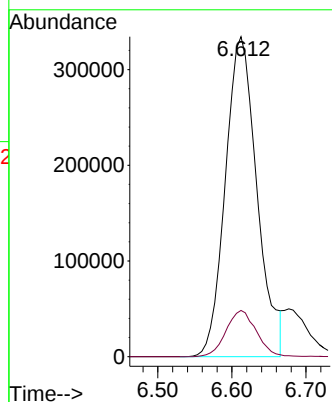
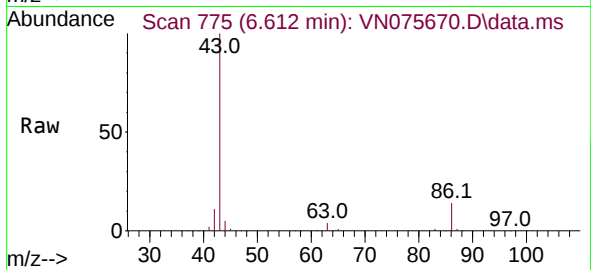




#23
 Vinyl Acetate
 Concen: 232.527 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

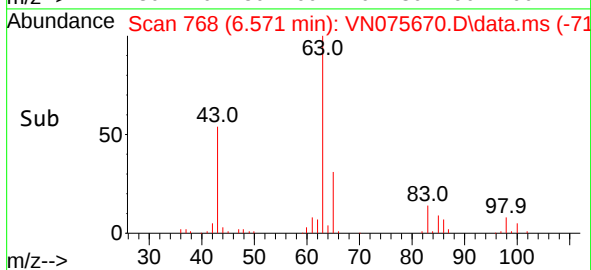
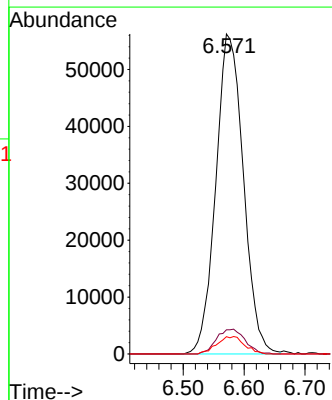
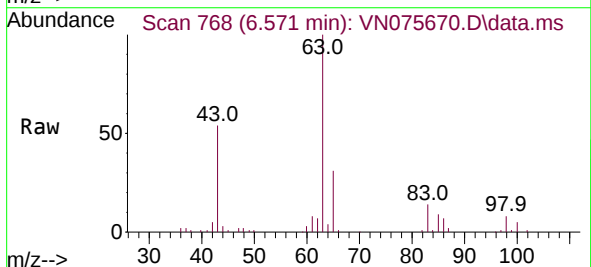
Instrument :
 MSVOA_N
 ClientSampleId :

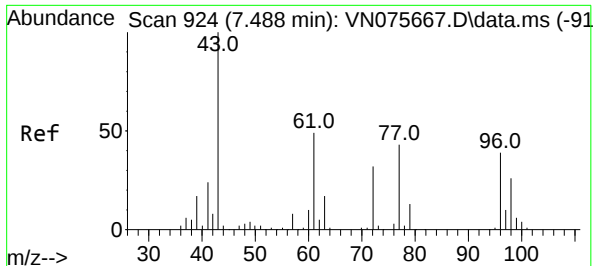
Tgt Ion: 43 Resp: 991904
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 48.003 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

Tgt Ion: 63 Resp: 176766
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.3 12.9
 100 5.4 2.6 7.8

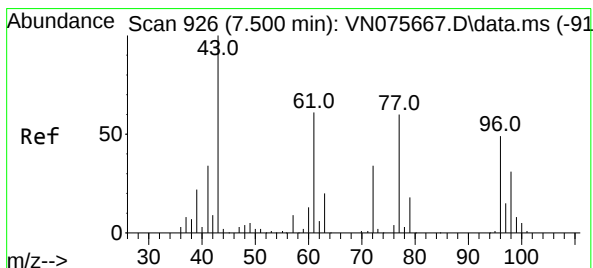
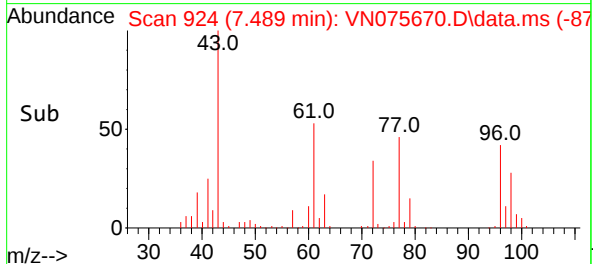
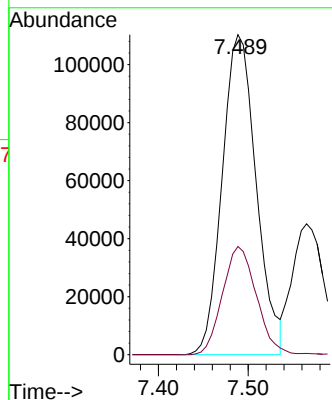
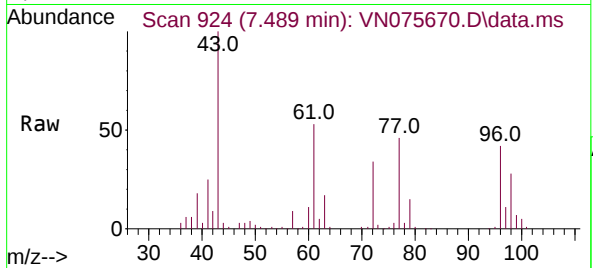




#25
2-Butanone
Concen: 240.139 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

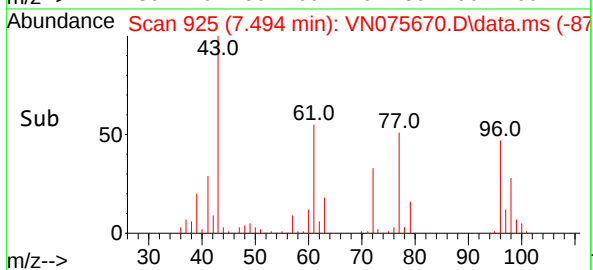
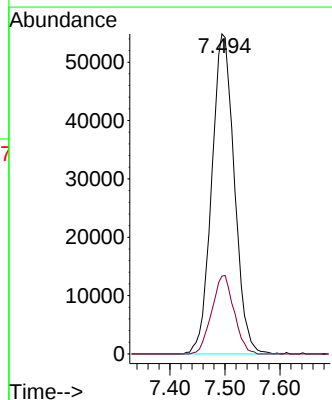
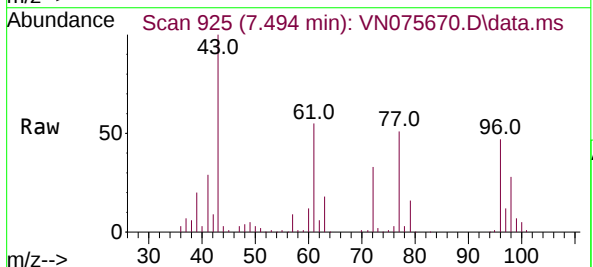
Instrument :
MSVOA_N
ClientSampleId :

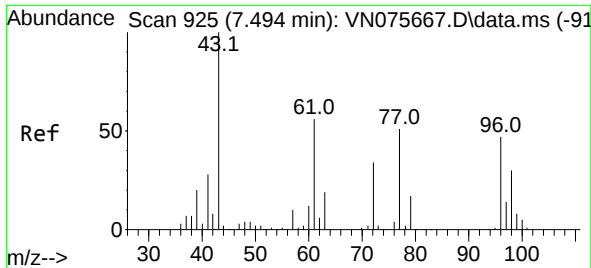
Tgt Ion: 43 Resp: 290712
Ion Ratio Lower Upper
43 100
72 33.8 25.3 37.9



#26
2,2-Dichloropropane
Concen: 49.878 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 77 Resp: 156646
Ion Ratio Lower Upper
77 100
97 24.1 12.2 36.4



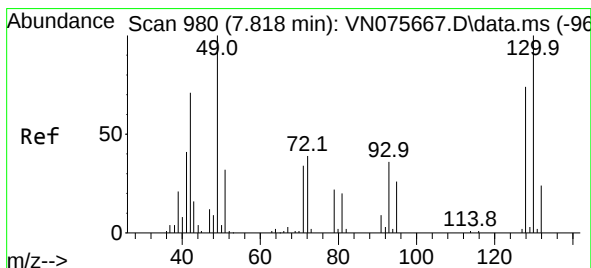
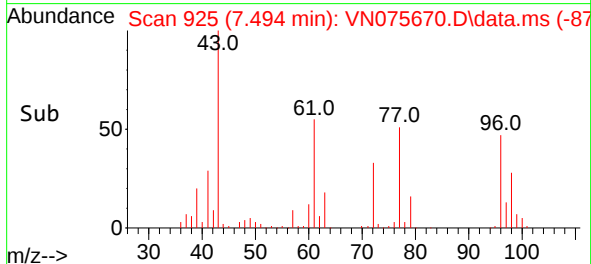
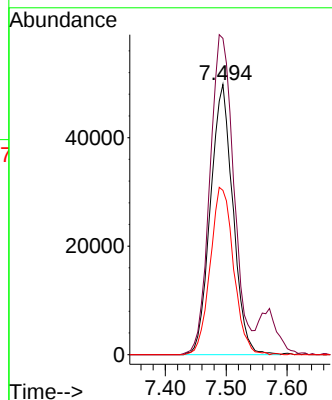
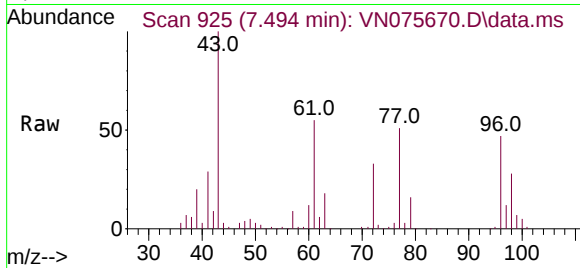


#27
 cis-1,2-Dichloroethene
 Concen: 47.754 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 127914

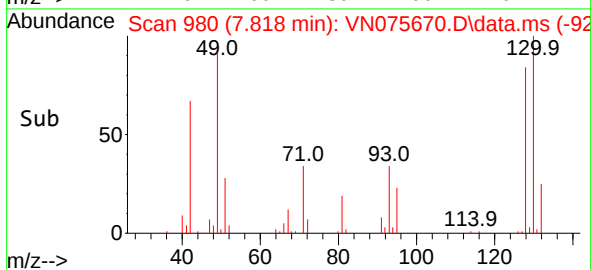
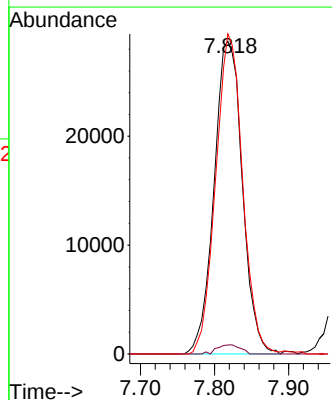
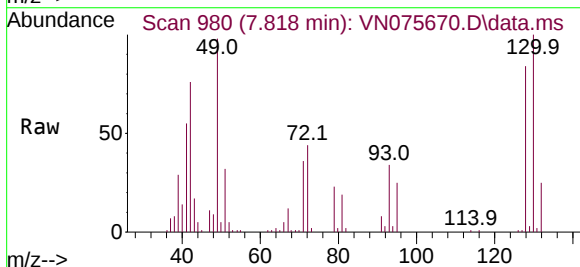
Ion	Ratio	Lower	Upper
96	100		
61	125.2	0.0	247.8
98	64.3	0.0	126.0

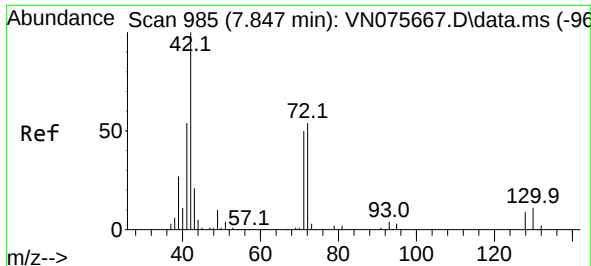


#28
 Bromochloromethane
 Concen: 51.643 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

Tgt Ion: 49 Resp: 76035

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.4
130	97.5	78.5	117.7

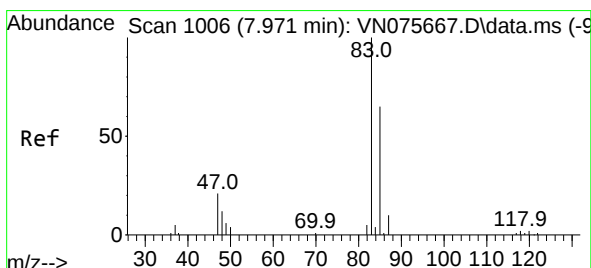
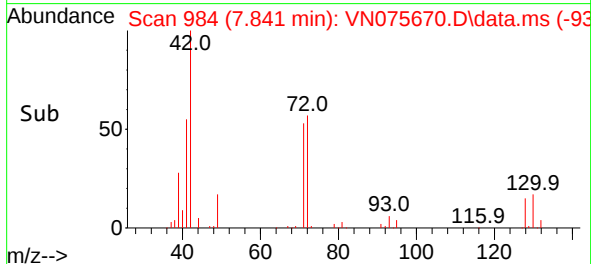
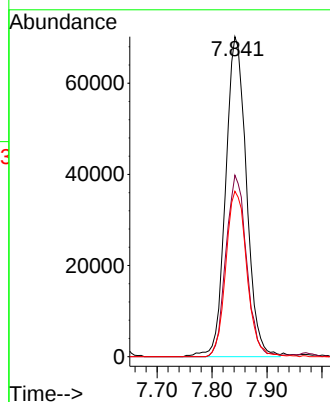
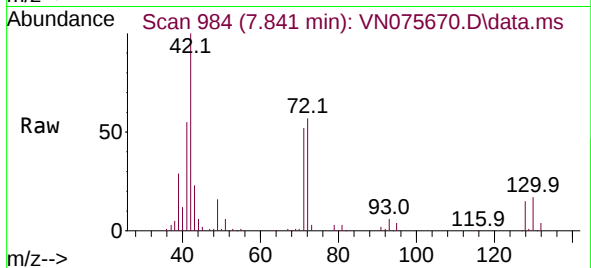




#29
Tetrahydrofuran
Concen: 247.254 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

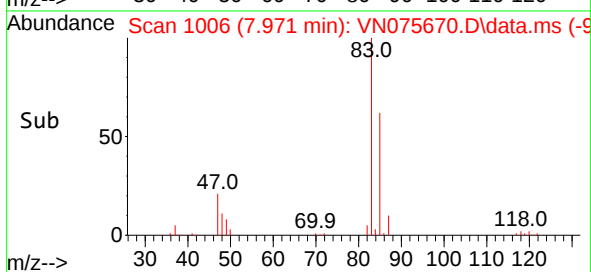
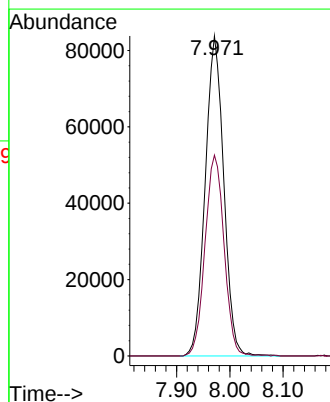
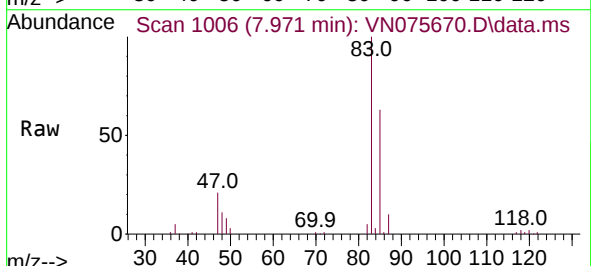
Instrument :
MSVOA_N
ClientSampleId :

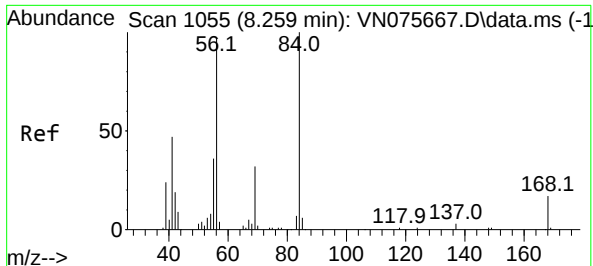
Tgt Ion: 42 Resp: 184495
Ion Ratio Lower Upper
42 100
72 56.3 44.6 67.0
71 52.0 41.2 61.8



#30
Chloroform
Concen: 49.599 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 83 Resp: 202303
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.6





#31

Cyclohexane

Concen: 44.034 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

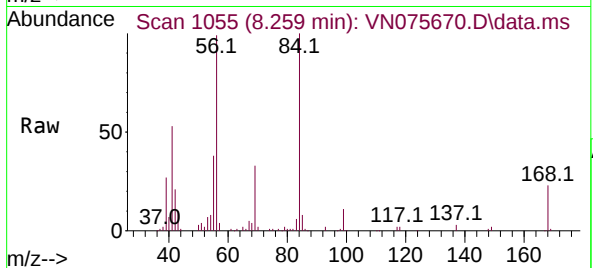
Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :



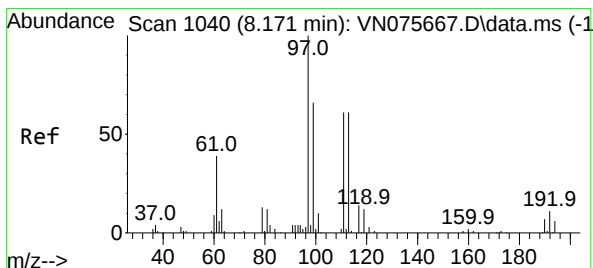
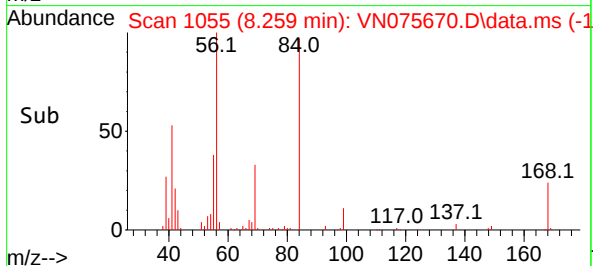
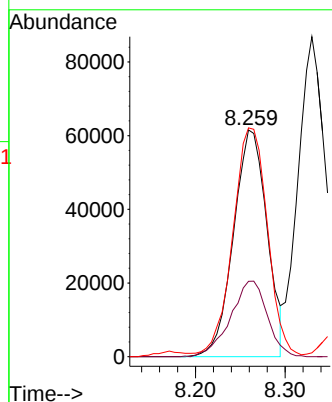
Tgt Ion: 56 Resp: 159427

Ion Ratio Lower Upper

56 100

69 33.3 26.2 39.2

84 99.2 82.8 124.2



#32

1,1,1-Trichloroethane

Concen: 49.203 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

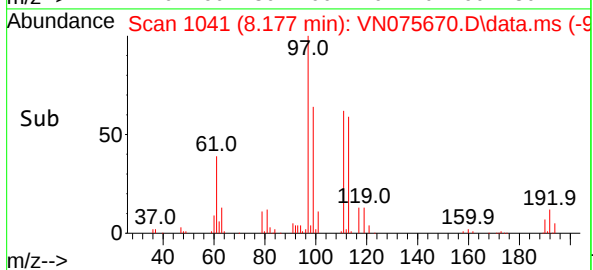
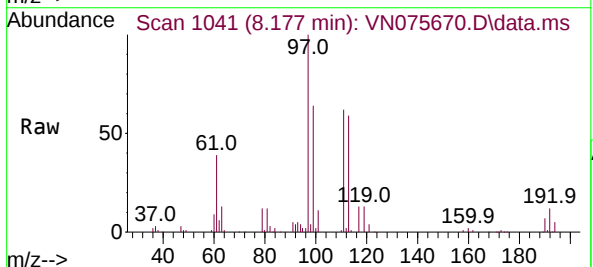
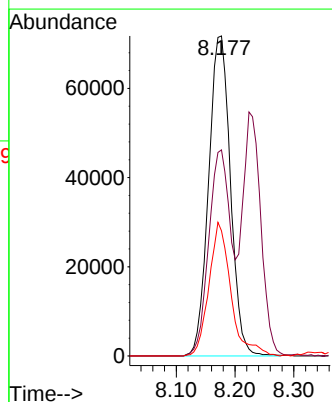
Tgt Ion: 97 Resp: 185149

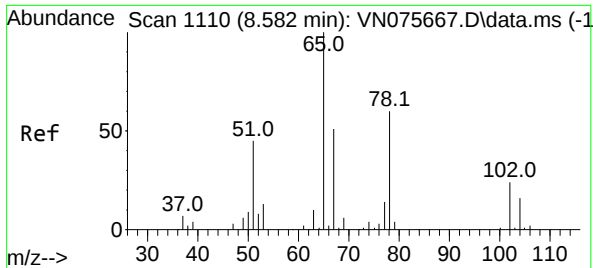
Ion Ratio Lower Upper

97 100

99 64.2 51.2 76.8

61 42.0 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 49.847 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

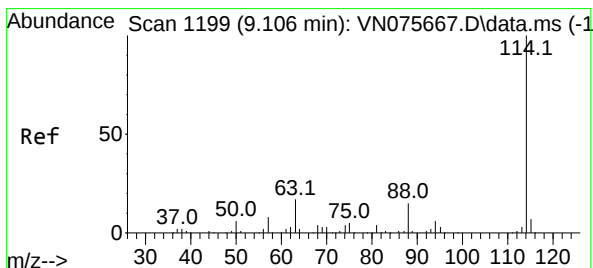
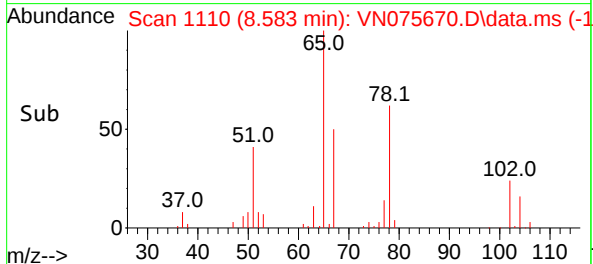
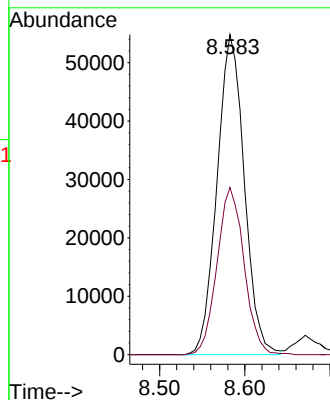
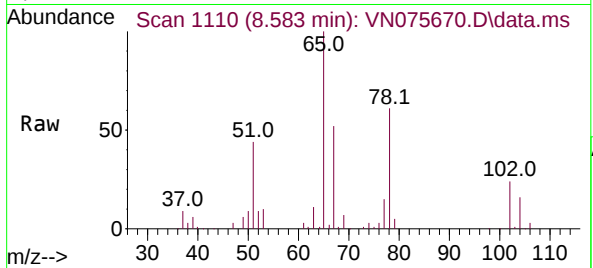
ClientSampleId :

Tgt Ion: 65 Resp: 121893

Ion Ratio Lower Upper

65 100

67 51.8 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: VN075670.D

Acq: 09 Dec 2022 15:58

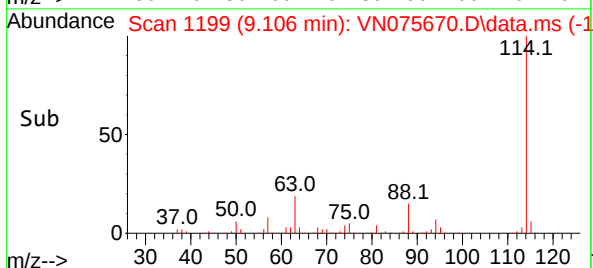
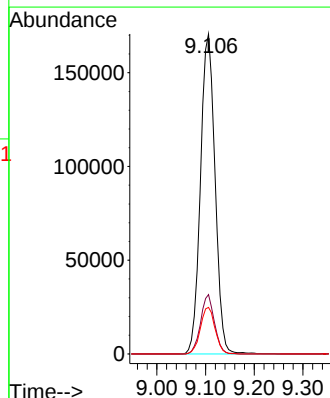
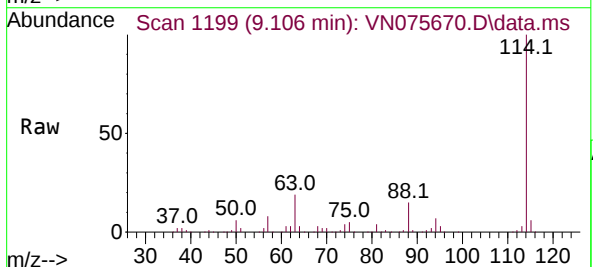
Tgt Ion: 114 Resp: 355175

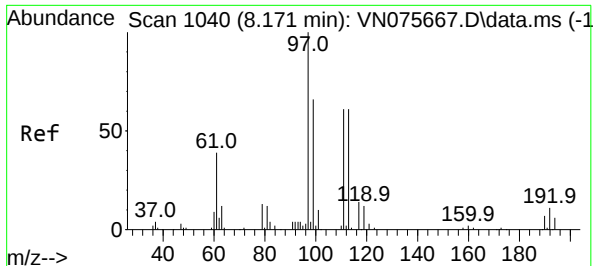
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.4

88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 50.875 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

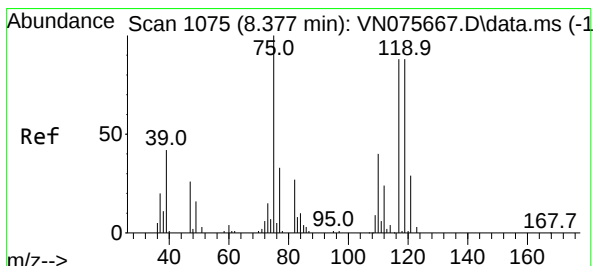
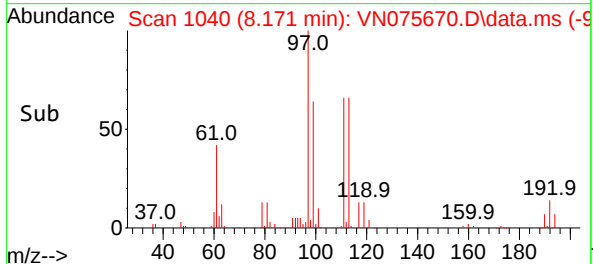
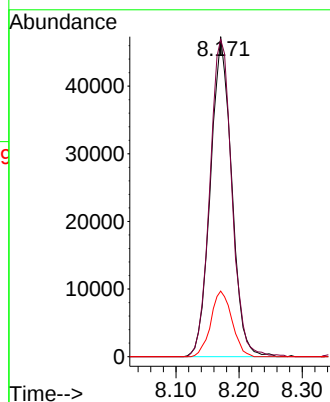
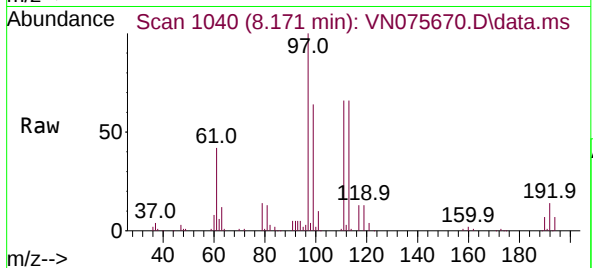
Tgt Ion:113 Resp: 110245

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.6

192 20.4 16.2 24.2



#36

1,1-Dichloropropene

Concen: 50.622 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. -0.006 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

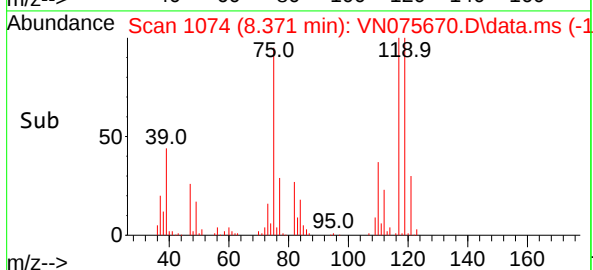
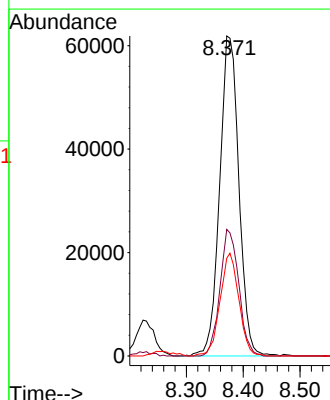
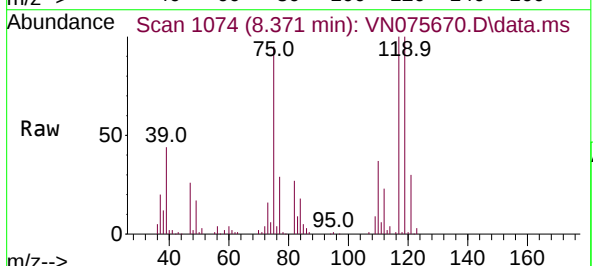
Tgt Ion: 75 Resp: 145660

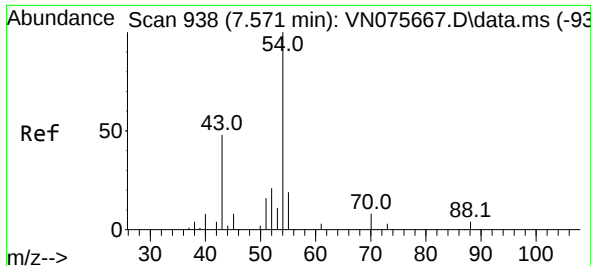
Ion Ratio Lower Upper

75 100

110 38.6 18.9 56.9

77 31.4 25.4 38.2

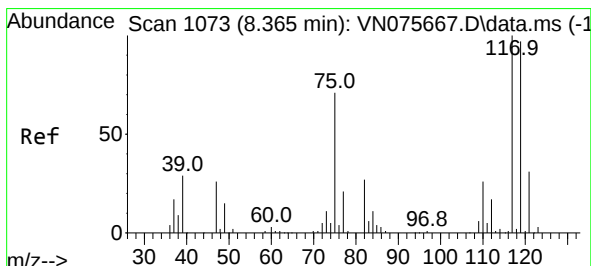
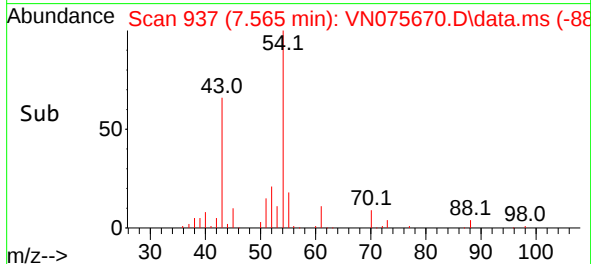
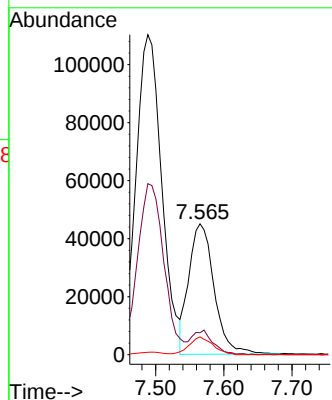
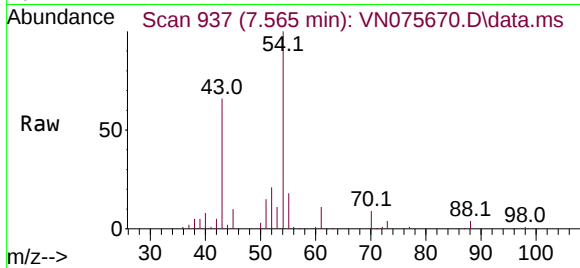




#37
Ethyl Acetate
Concen: 49.867 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

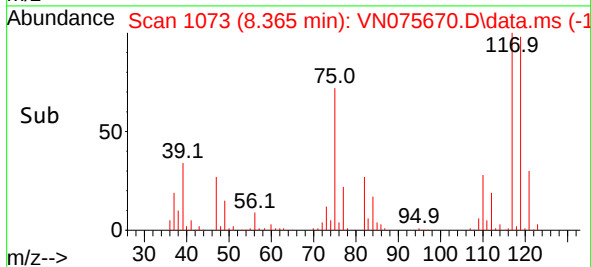
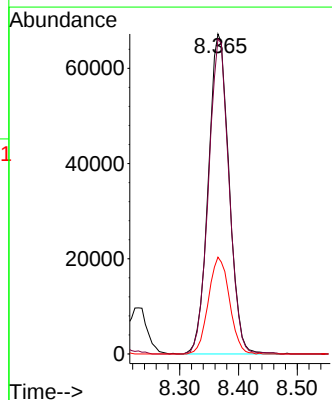
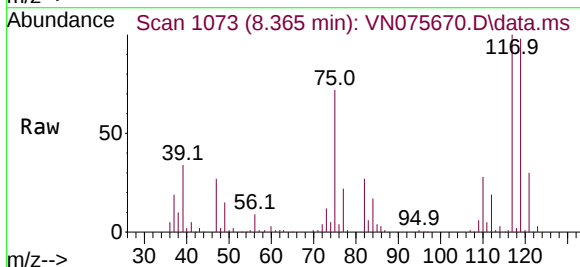
Instrument :
MSVOA_N
ClientSampleId :

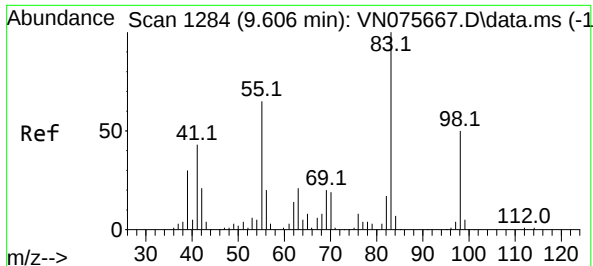
Tgt Ion: 43 Resp: 115203
Ion Ratio Lower Upper
43 100
61 16.6 13.3 19.9
70 12.8 9.9 14.9



#38
Carbon Tetrachloride
Concen: 49.646 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 117 Resp: 164843
Ion Ratio Lower Upper
117 100
119 98.4 77.2 115.8
121 30.2 24.6 37.0





#39

Methylcyclohexane

Concen: 53.688 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

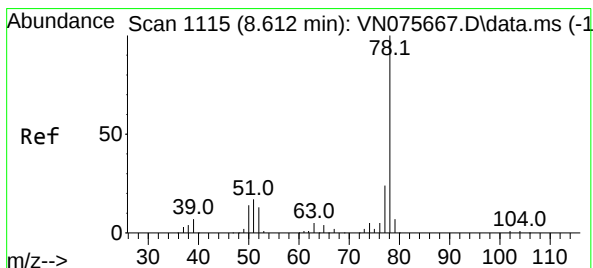
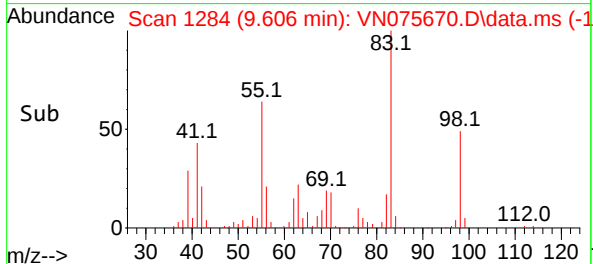
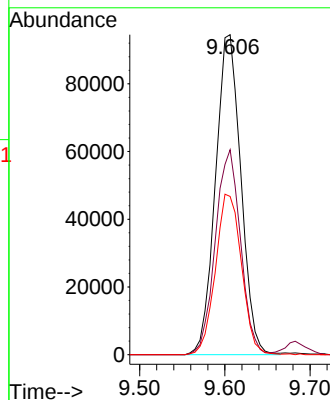
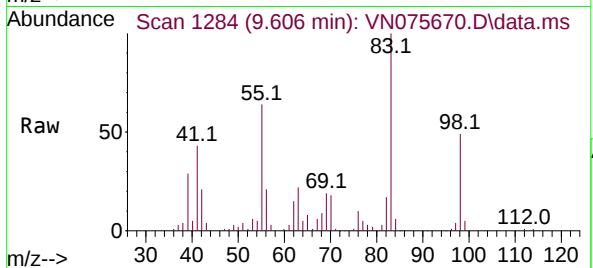
Tgt Ion: 83 Resp: 195889

Ion Ratio Lower Upper

83 100

55 64.1 51.6 77.4

98 49.4 39.8 59.8



#40

Benzene

Concen: 50.758 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075670.D

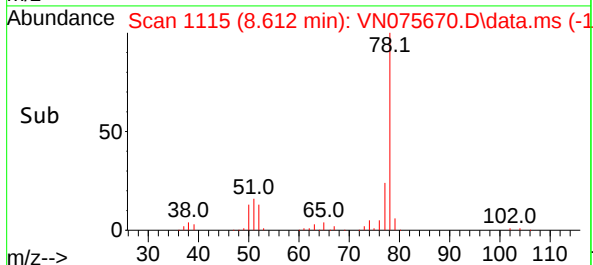
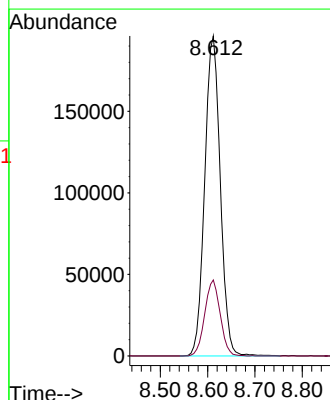
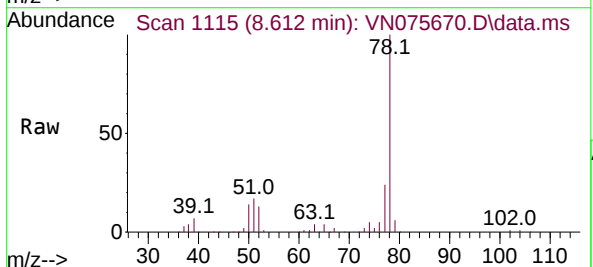
Acq: 09 Dec 2022 15:58

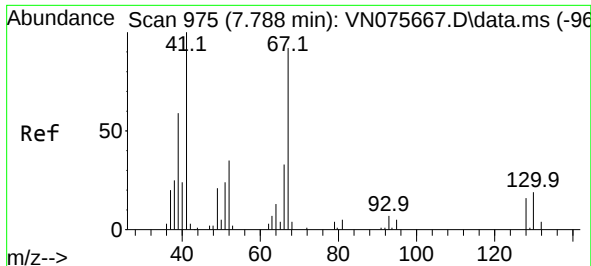
Tgt Ion: 78 Resp: 448225

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7



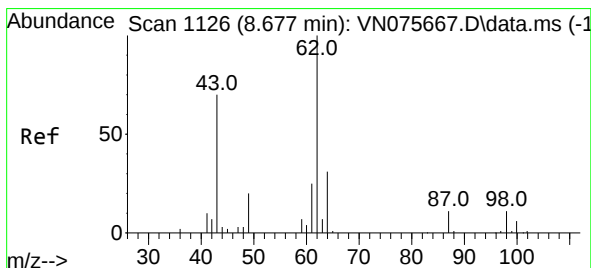
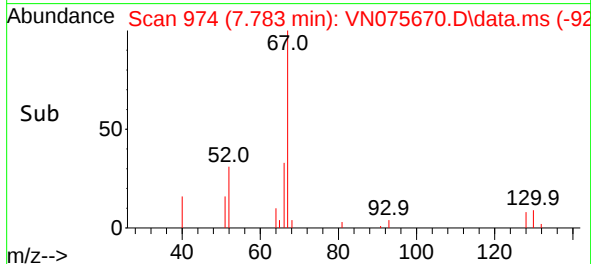
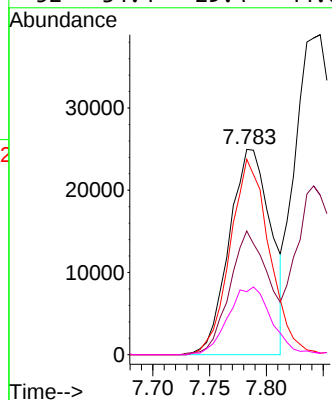
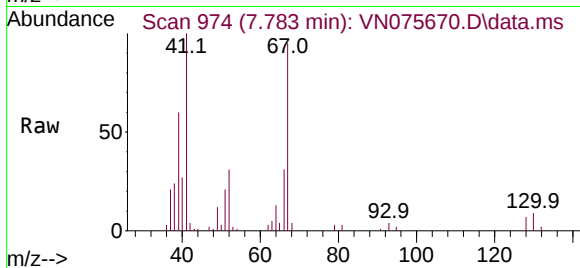


#41
Methacrylonitrile
Concen: 53.829 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 63765

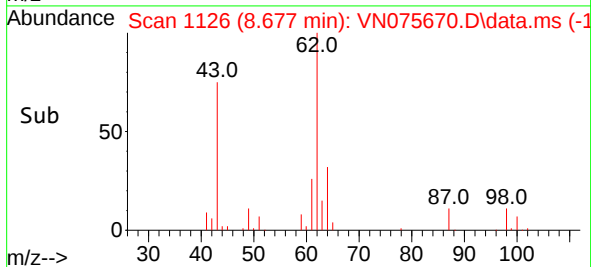
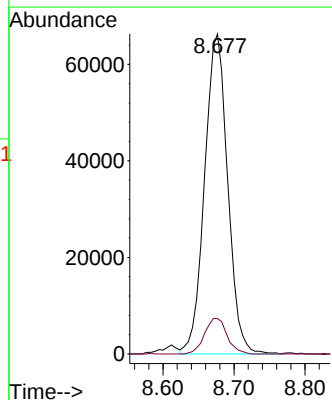
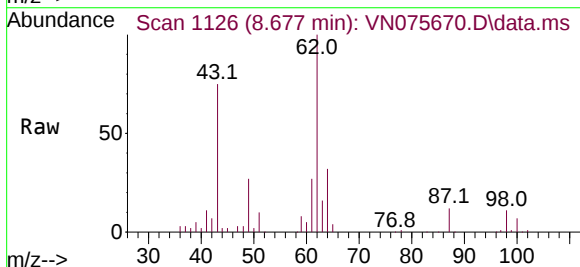
Ion	Ratio	Lower	Upper
41	100		
39	56.7	46.3	69.5
67	90.1	74.0	111.0
52	34.4	29.4	44.0

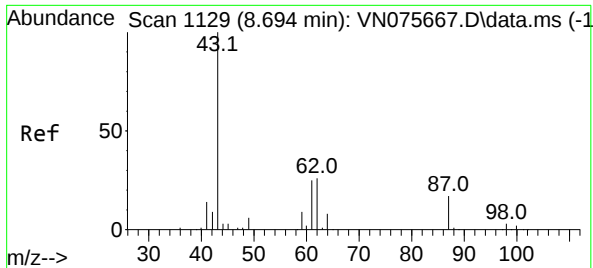


#42
1,2-Dichloroethane
Concen: 50.735 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 62 Resp: 149872

Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.8

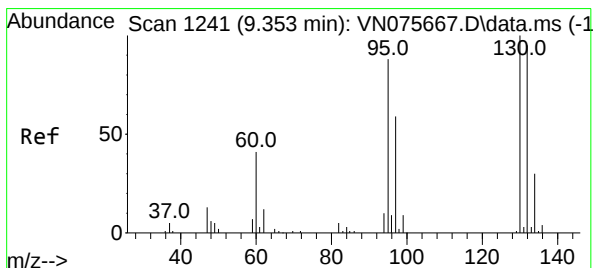
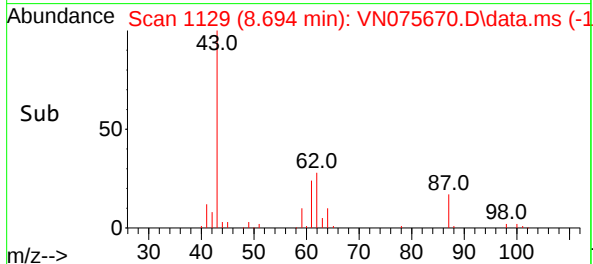
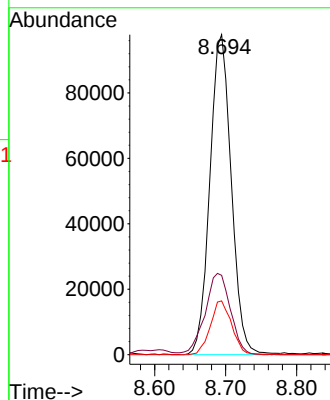
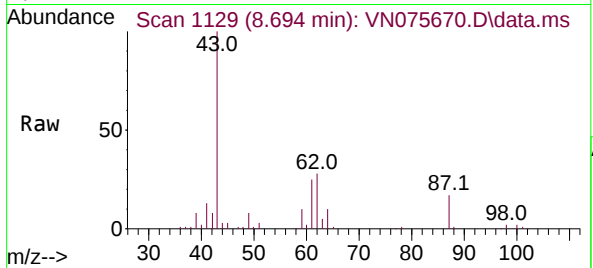




#43
Isopropyl Acetate
Concen: 53.147 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

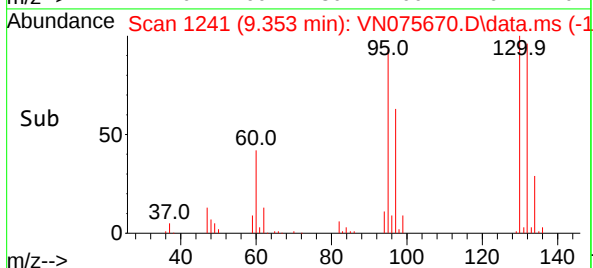
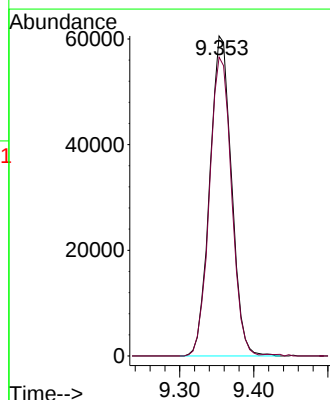
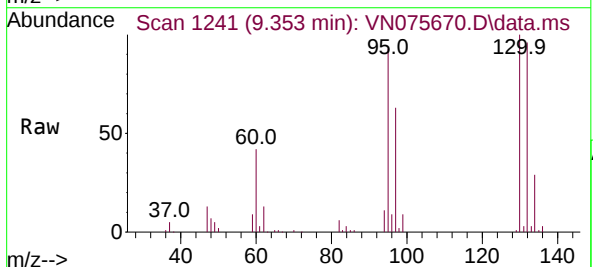
Instrument :
MSVOA_N
ClientSampleId :

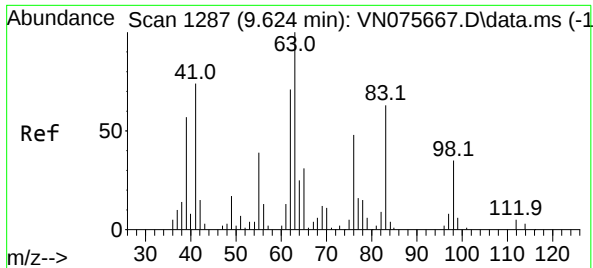
Tgt Ion: 43 Resp: 204980
Ion Ratio Lower Upper
43 100
61 30.1 23.8 35.8
87 16.7 13.7 20.5



#44
Trichloroethene
Concen: 49.587 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion:130 Resp: 123532
Ion Ratio Lower Upper
130 100
95 93.4 0.0 176.8





#45

1,2-Dichloropropane

Concen: 50.859 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

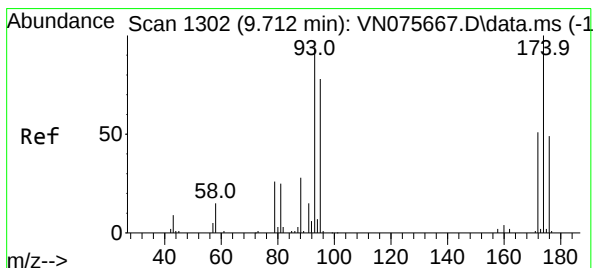
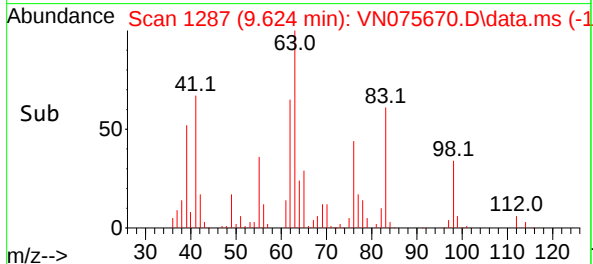
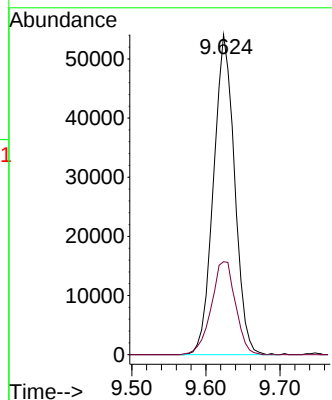
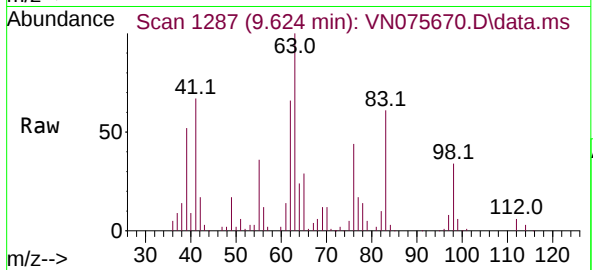
ClientSampleId :

Tgt Ion: 63 Resp: 106815

Ion Ratio Lower Upper

63 100

65 29.0 25.1 37.7



#46

Dibromomethane

Concen: 51.726 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

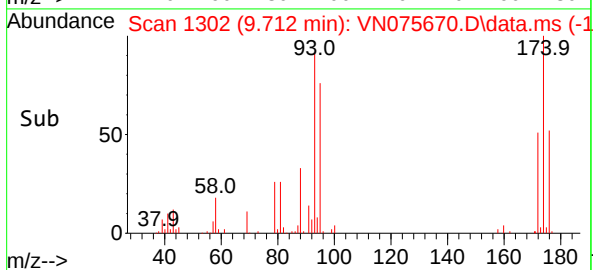
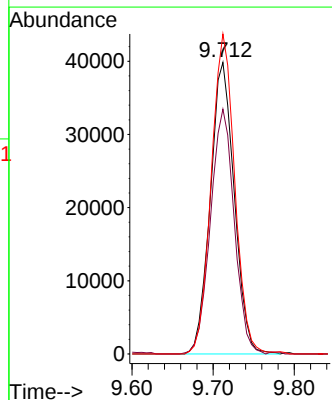
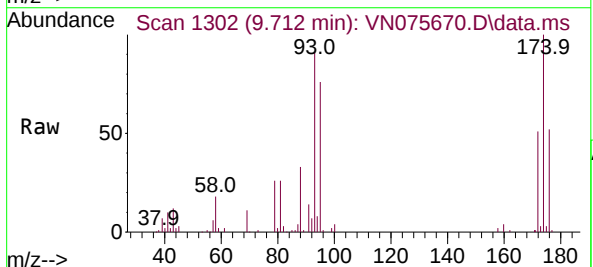
Tgt Ion: 93 Resp: 81561

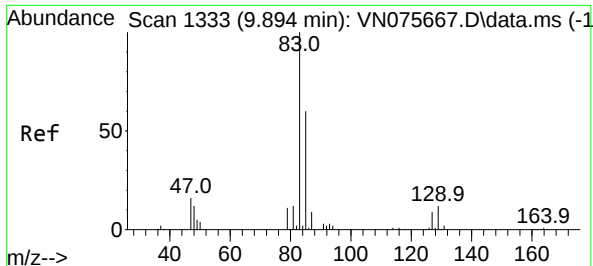
Ion Ratio Lower Upper

93 100

95 83.4 67.3 100.9

174 107.9 85.0 127.6

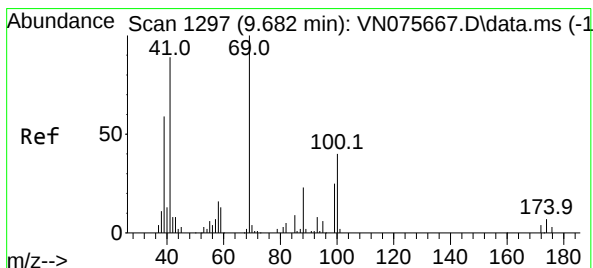
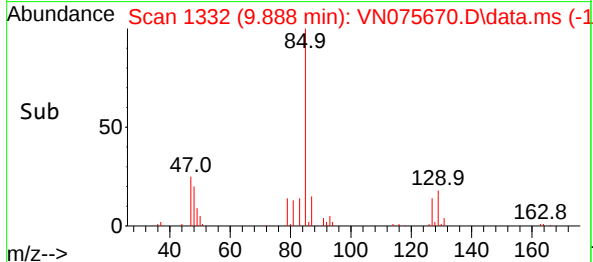
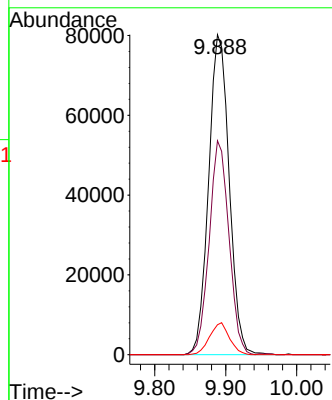
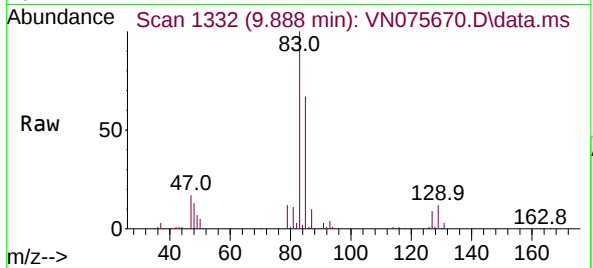




#47
Bromodichloromethane
Concen: 52.115 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

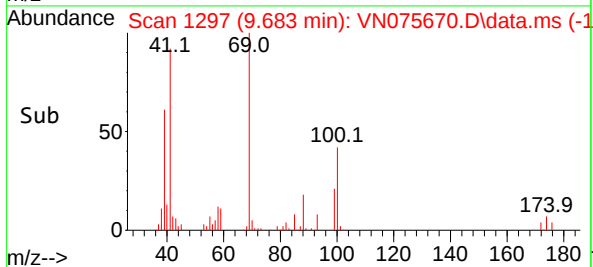
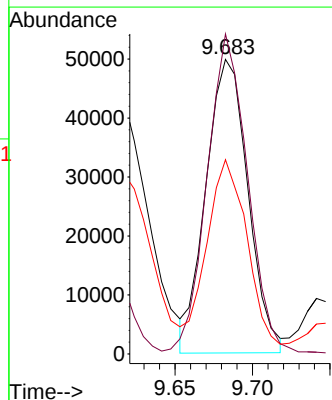
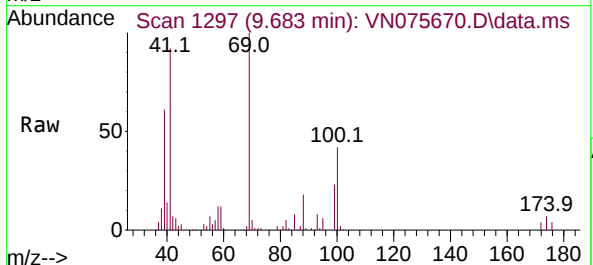
Instrument :
MSVOA_N
ClientSampleId :

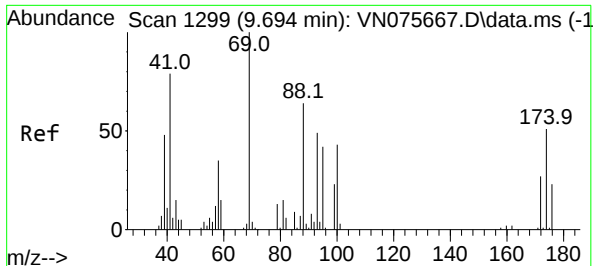
Tgt Ion: 83 Resp: 161119
Ion Ratio Lower Upper
83 100
85 66.9 48.0 72.0
127 9.4 7.4 11.2



#48
Methyl methacrylate
Concen: 52.894 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 41 Resp: 93956
Ion Ratio Lower Upper
41 100
69 105.8 82.5 123.7
39 65.2 53.2 79.8





#49

1,4-Dioxane

Concen: 1045.703 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

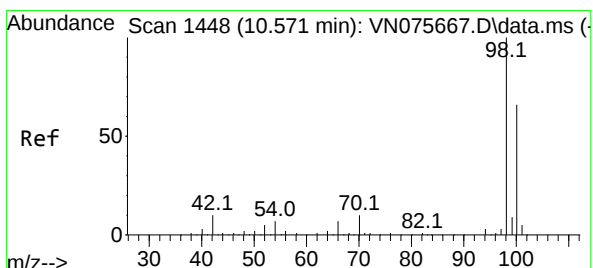
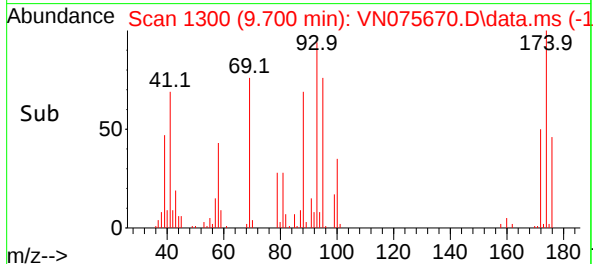
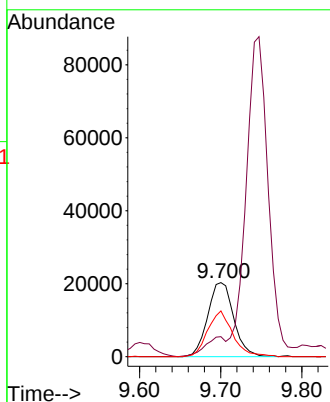
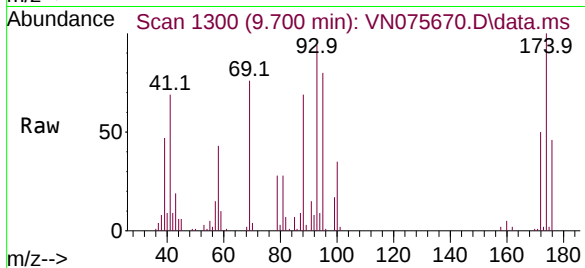
MSVOA_N

ClientSampleId :

Tgt Ion: 88 Resp: 45153

Ion Ratio Lower Upper

88	100		
43	0.0	17.4	26.0#
58	59.8	46.8	70.2



#50

Toluene-d8

Concen: 51.298 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

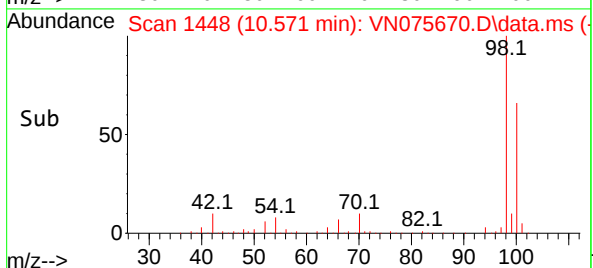
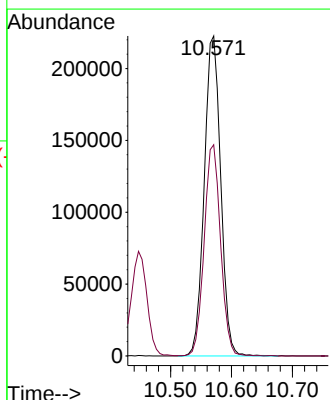
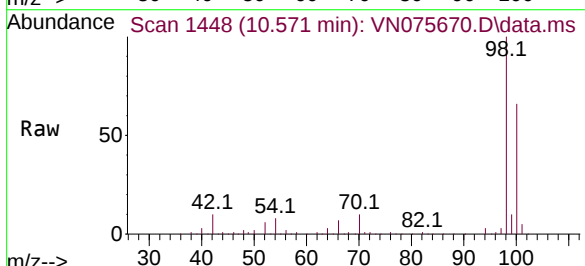
Lab File: VN075670.D

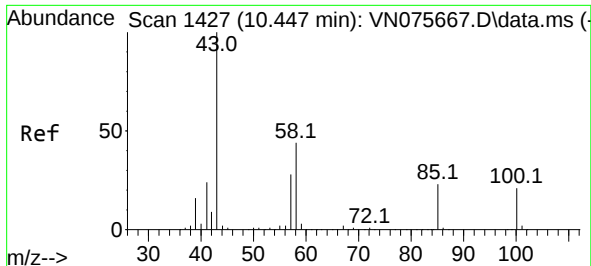
Acq: 09 Dec 2022 15:58

Tgt Ion: 98 Resp: 417461

Ion Ratio Lower Upper

98	100		
100	65.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 258.716 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

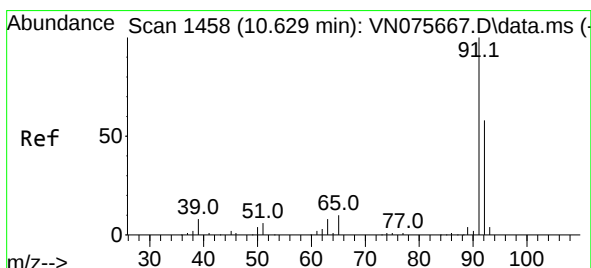
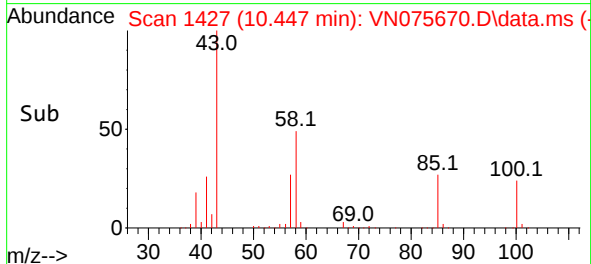
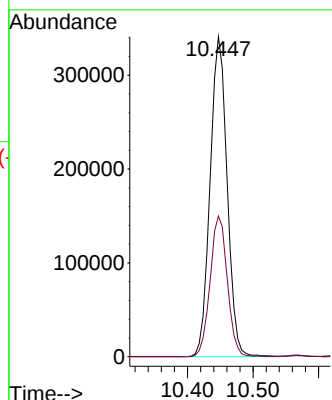
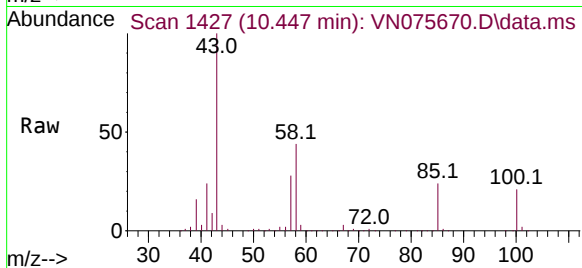
ClientSampleId :

Tgt Ion: 43 Resp: 615276

Ion Ratio Lower Upper

43 100

58 44.4 35.0 52.6



#52

Toluene

Concen: 51.808 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VN075670.D

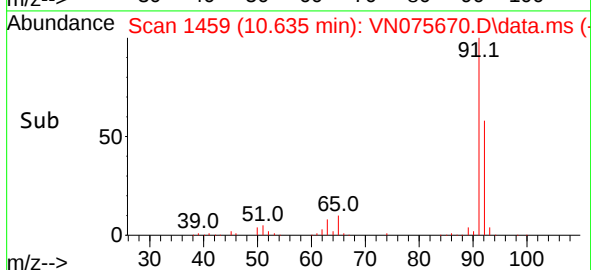
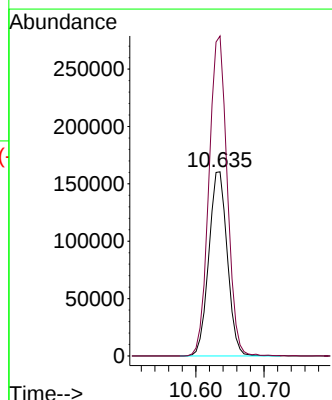
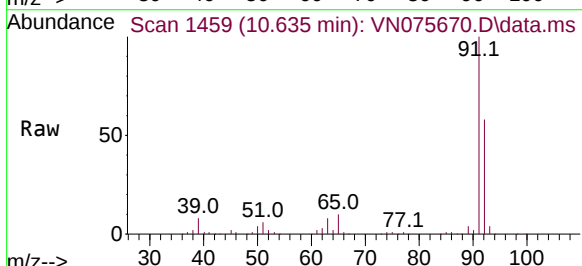
Acq: 09 Dec 2022 15:58

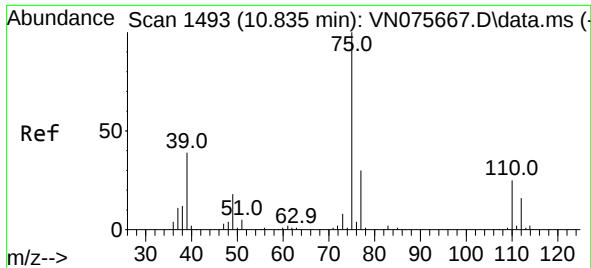
Tgt Ion: 92 Resp: 302393

Ion Ratio Lower Upper

92 100

91 172.1 137.9 206.9

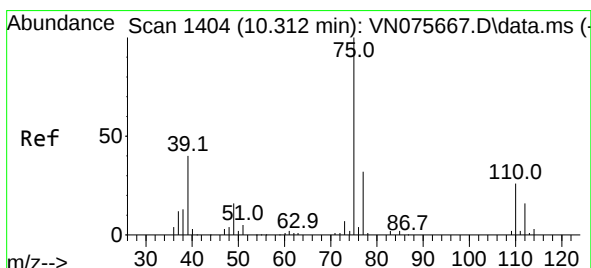
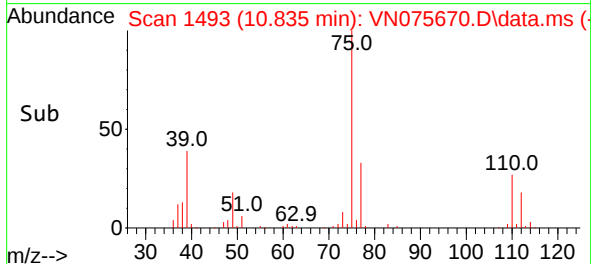
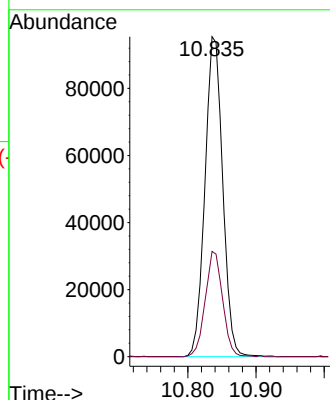
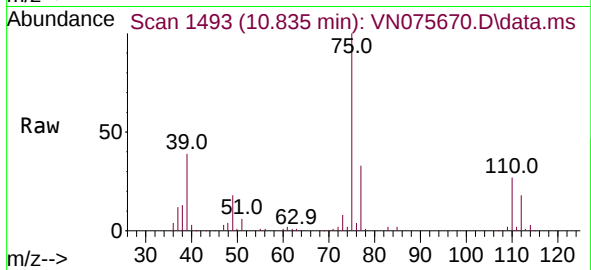




#53
 t-1,3-Dichloropropene
 Concen: 56.656 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

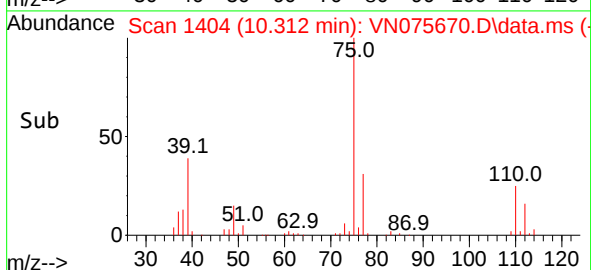
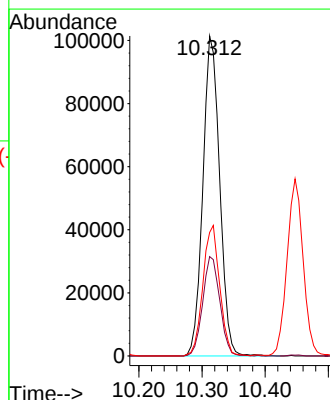
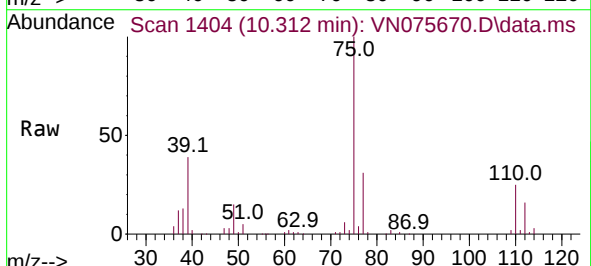
Instrument :
 MSVOA_N
 ClientSampleId :

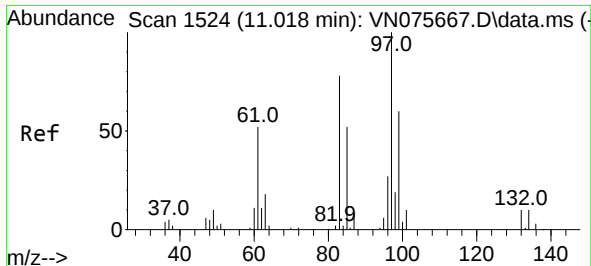
Tgt Ion: 75 Resp: 172992
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 55.196 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

Tgt Ion: 75 Resp: 187507
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 38.6 32.0 48.0

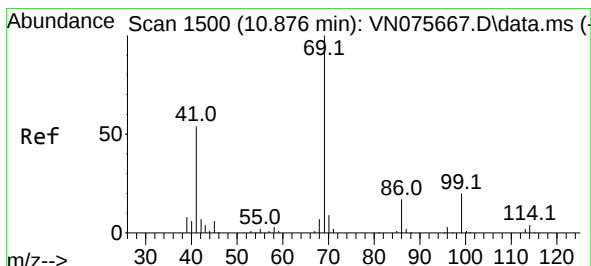
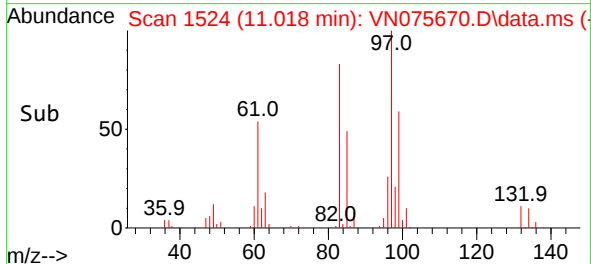
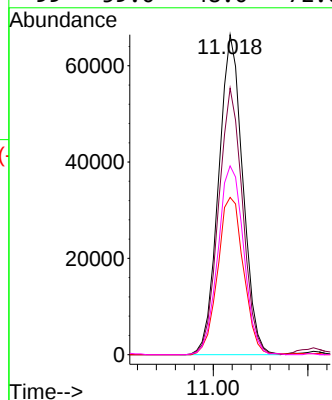
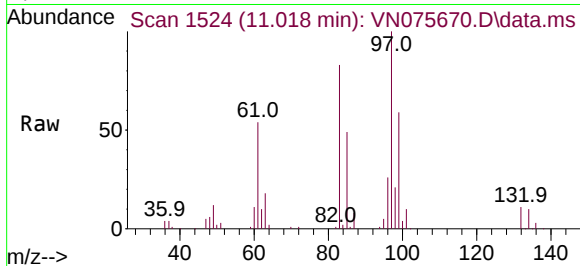




#55
 1,1,2-Trichloroethane
 Concen: 51.492 ug/l
 RT: 11.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

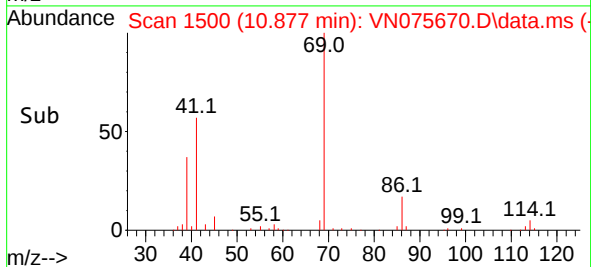
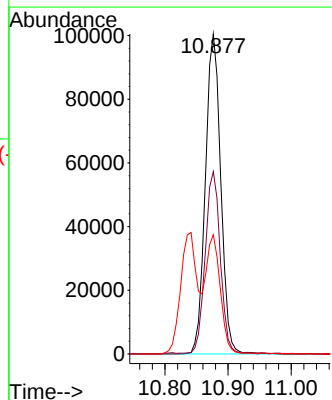
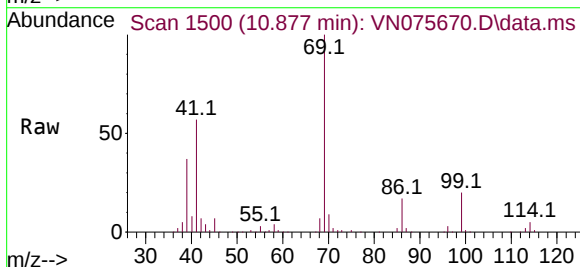
Instrument :
 MSVOA_N
 ClientSampleId :

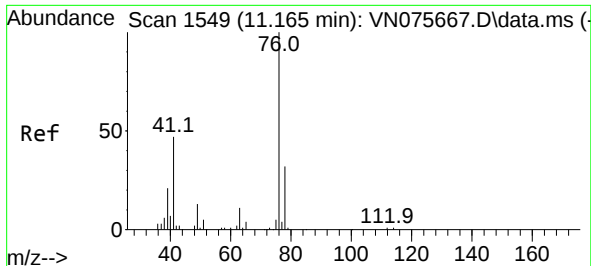
Tgt Ion:	97	Resp:	118169
Ion	Ratio	Lower	Upper
97	100		
83	83.3	62.7	94.1
85	49.1	41.8	62.6
99	59.0	48.0	72.0



#56
 Ethyl methacrylate
 Concen: 54.676 ug/l
 RT: 10.877 min Scan# 1500
 Delta R.T. 0.000 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

Tgt Ion:	69	Resp:	170021
Ion	Ratio	Lower	Upper
69	100		
41	55.2	44.1	66.1
39	33.9	27.7	41.5





#57

1,3-Dichloropropane

Concen: 52.413 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

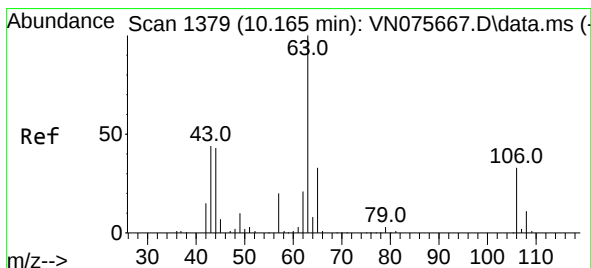
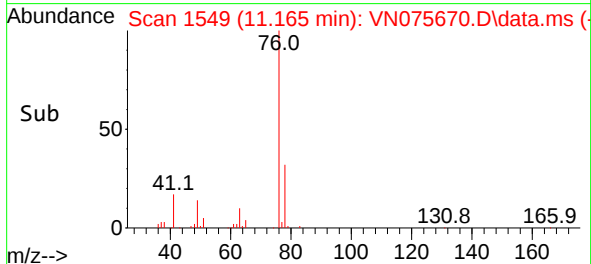
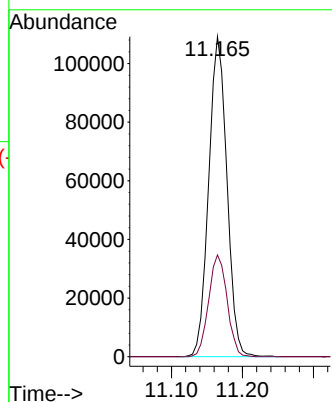
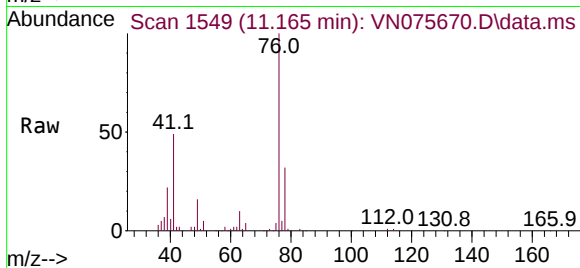
ClientSampleId :

Tgt Ion: 76 Resp: 194415

Ion Ratio Lower Upper

76 100

78 32.1 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 296.215 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075670.D

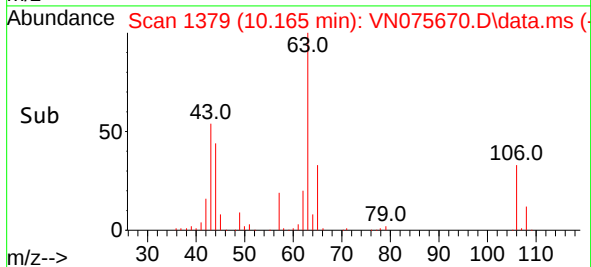
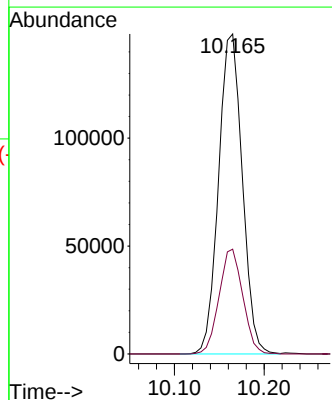
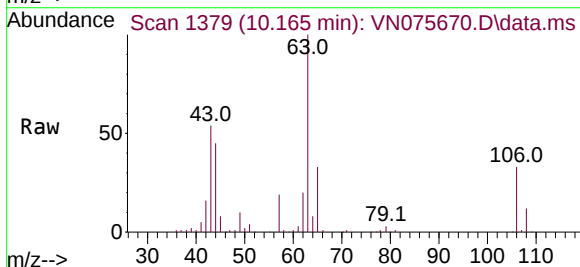
Acq: 09 Dec 2022 15:58

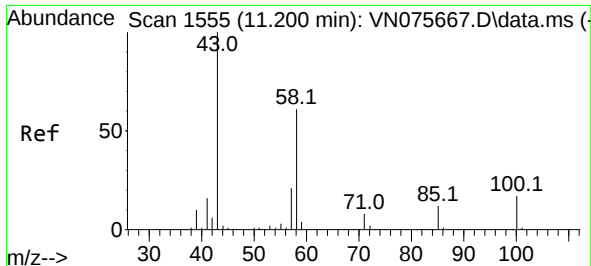
Tgt Ion: 63 Resp: 271965

Ion Ratio Lower Upper

63 100

106 32.7 26.6 40.0

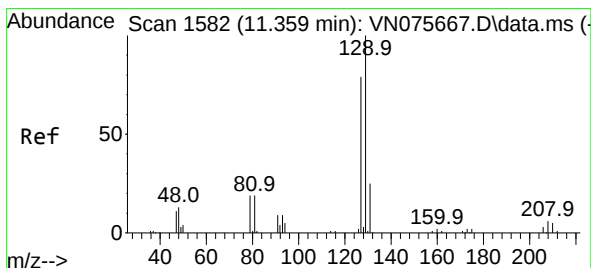
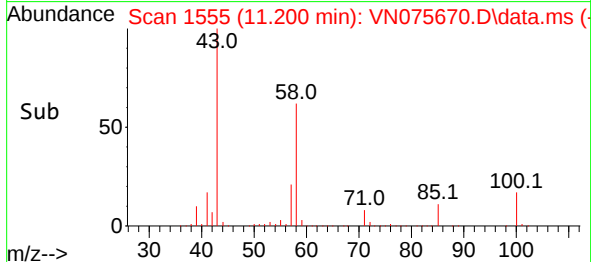
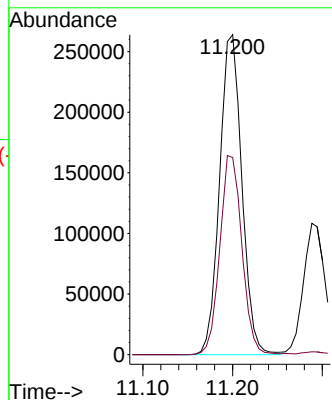
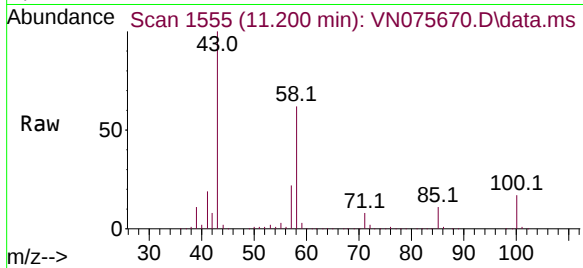




#59
2-Hexanone
Concen: 263.677 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

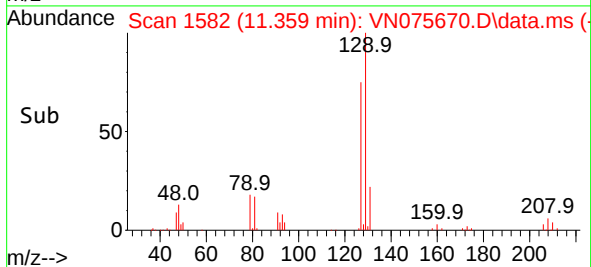
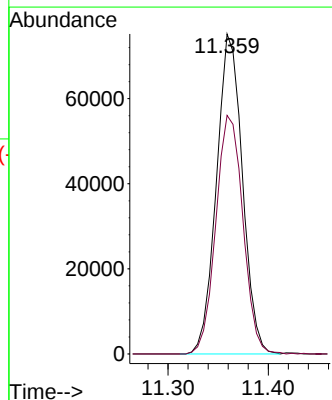
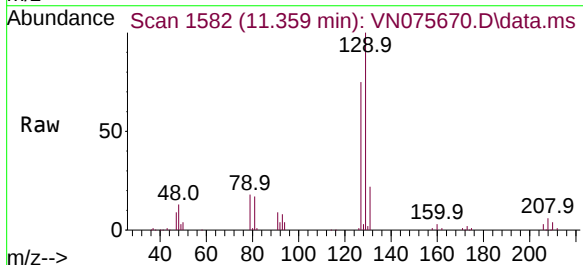
Instrument :
MSVOA_N
ClientSampleId :

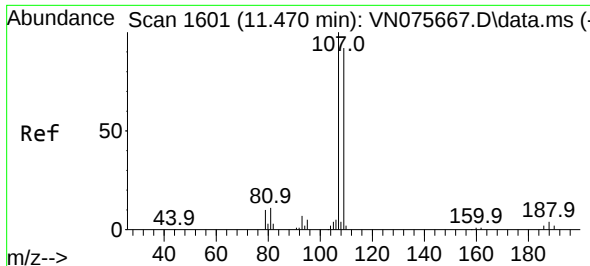
Tgt Ion: 43 Resp: 455581
Ion Ratio Lower Upper
43 100
58 61.6 30.9 92.5



#60
Dibromochloromethane
Concen: 53.481 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion:129 Resp: 135055
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

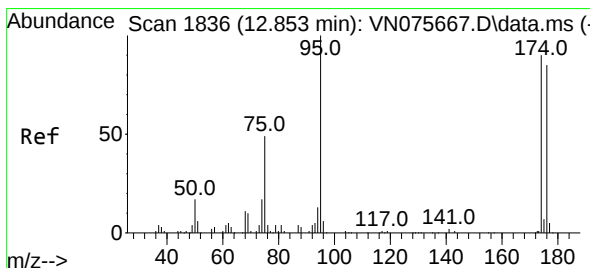
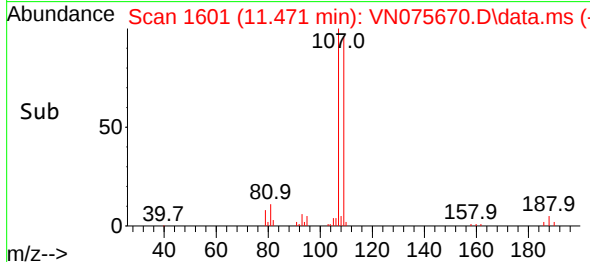
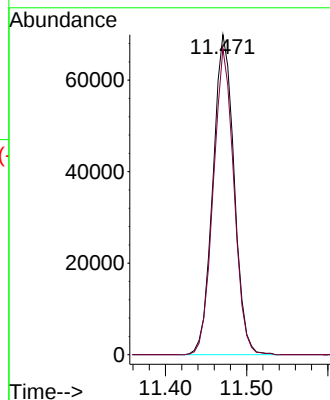
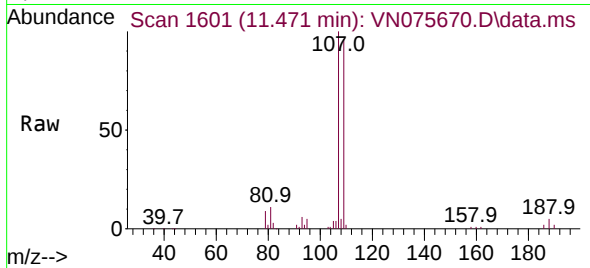




#61
1,2-Dibromoethane
Concen: 52.661 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

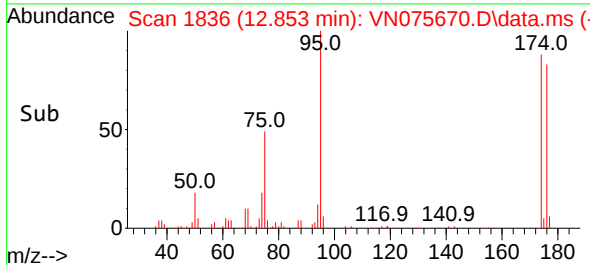
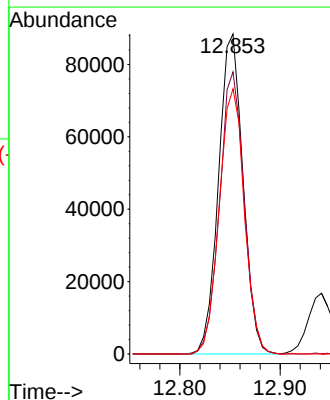
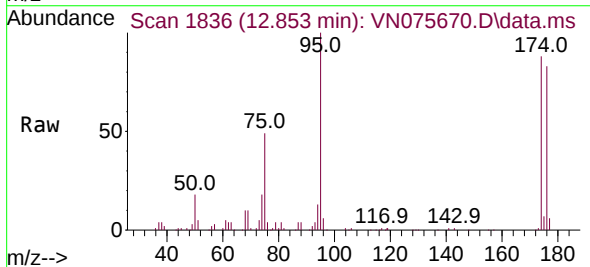
Instrument :
MSVOA_N
ClientSampleId :

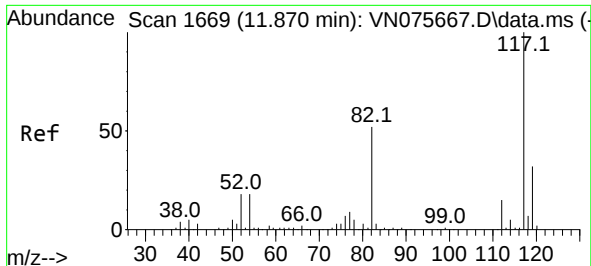
Tgt Ion:107 Resp: 126616
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.586 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 95 Resp: 149099
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.6
176 85.2 0.0 170.8

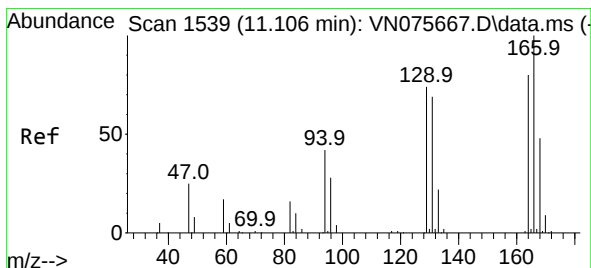
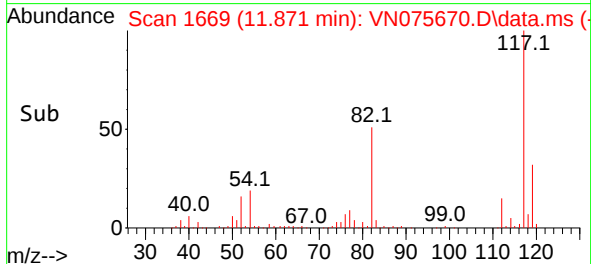
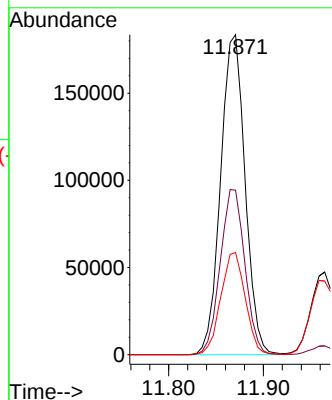
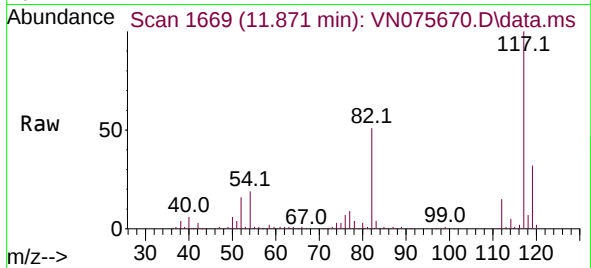




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

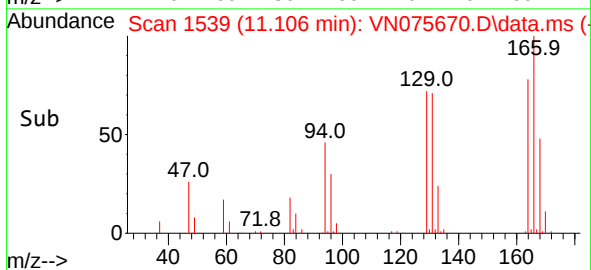
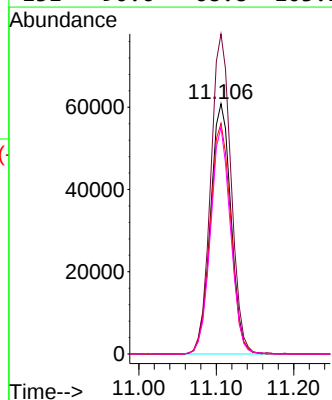
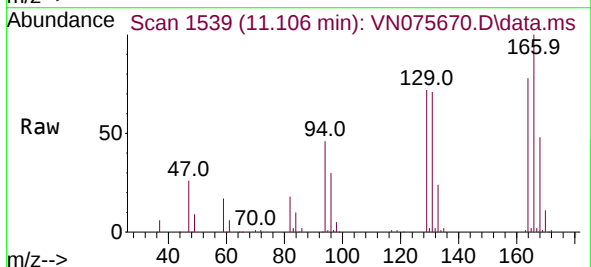
Instrument :
MSVOA_N
ClientSampleId :

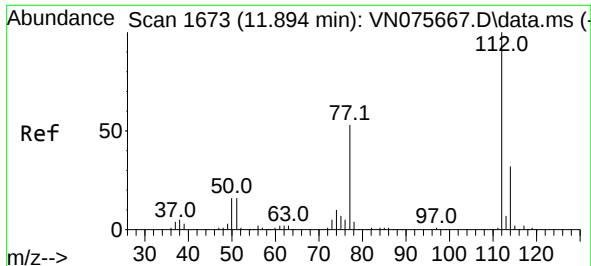
Tgt Ion:117 Resp: 329646
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 46.669 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion:164 Resp: 112059
Ion Ratio Lower Upper
164 100
166 127.8 100.3 150.5
129 92.1 73.9 110.9
131 90.6 68.8 103.2

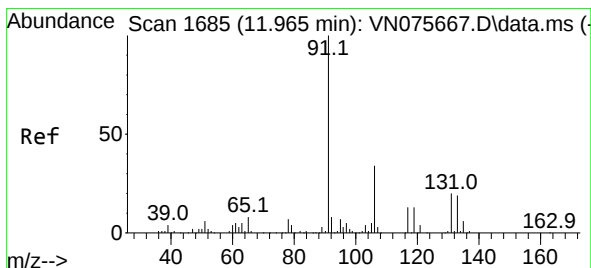
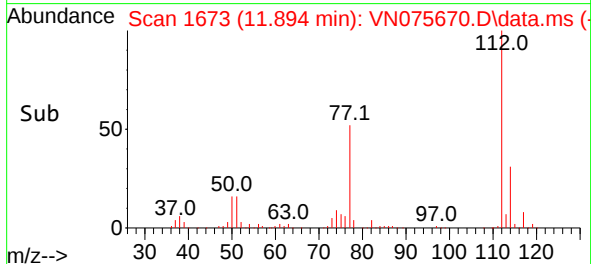
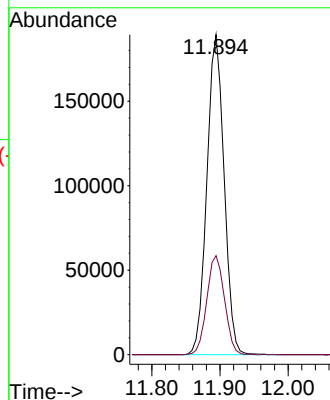
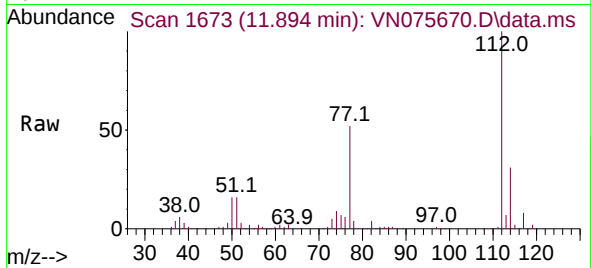




#65
Chlorobenzene
Concen: 49.094 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

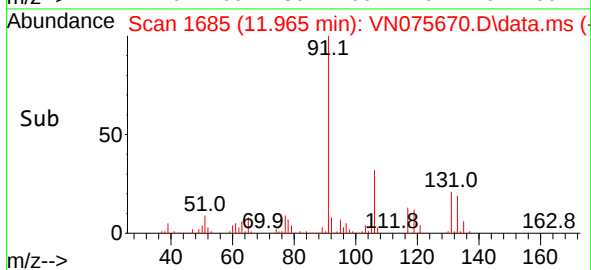
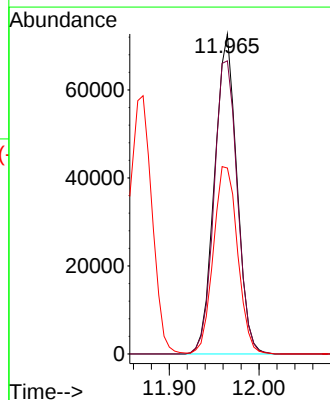
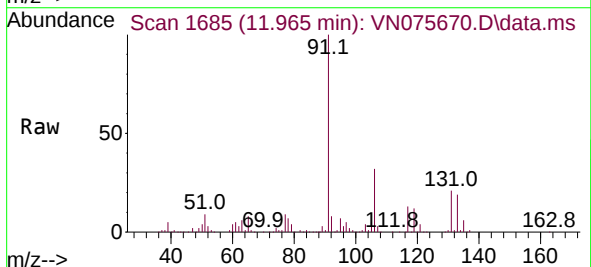
Instrument :
MSVOA_N
ClientSampleId :

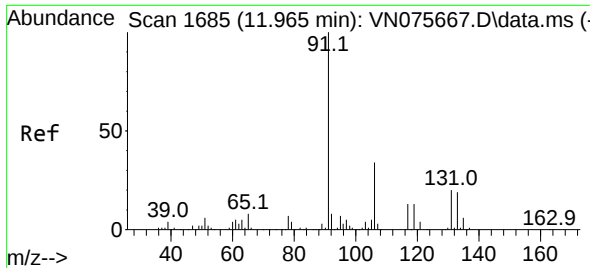
Tgt Ion:112 Resp: 332983
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.909 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion:131 Resp: 125628
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 63.6 32.5 97.4

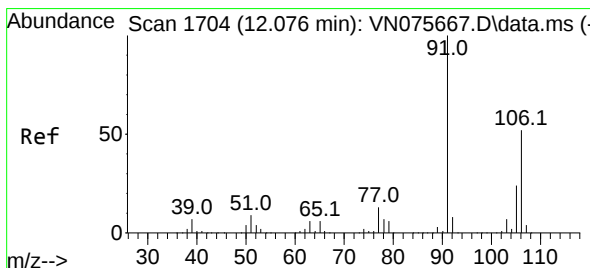
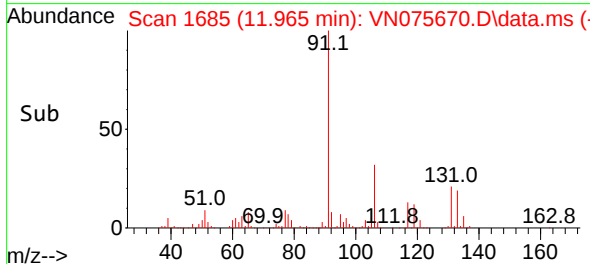
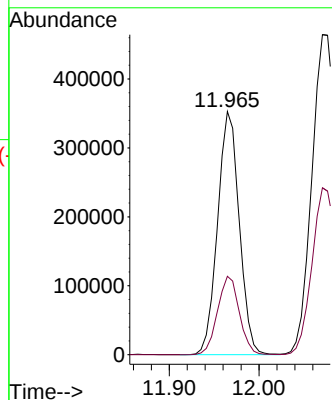
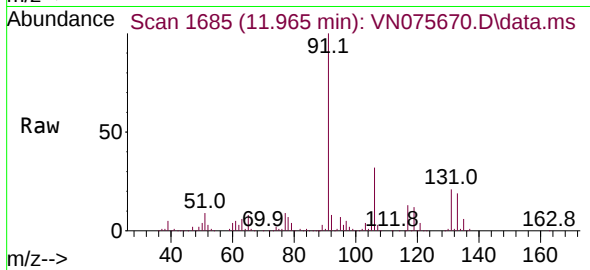




#67
Ethyl Benzene
Concen: 51.542 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

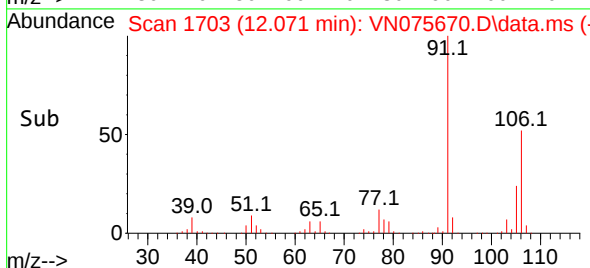
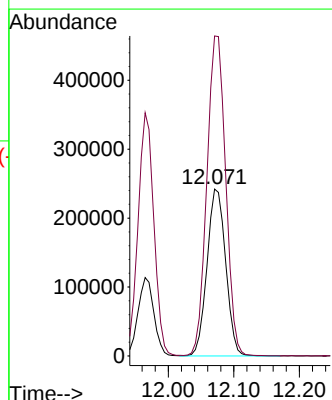
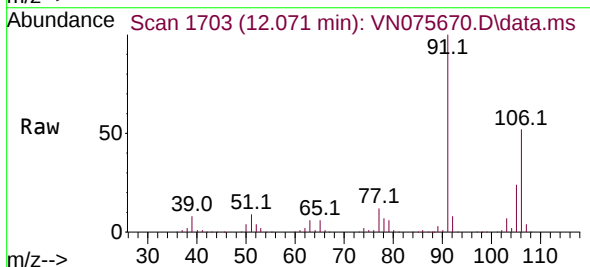
Instrument :
MSVOA_N
ClientSampleId :

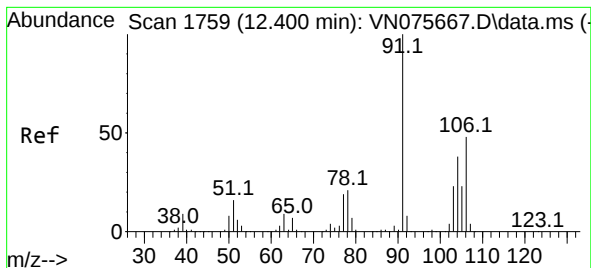
Tgt Ion: 91 Resp: 591392
Ion Ratio Lower Upper
91 100
106 32.3 26.9 40.3



#68
m/p-Xylenes
Concen: 103.394 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 106 Resp: 479356
Ion Ratio Lower Upper
106 100
91 193.1 156.2 234.4





#69

o-Xylene

Concen: 52.474 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

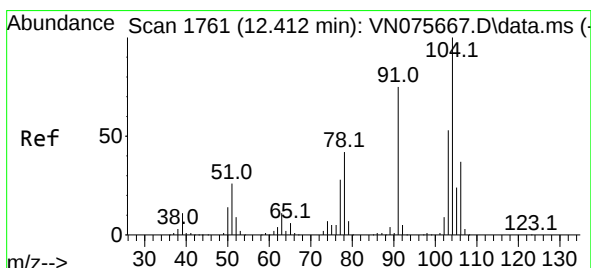
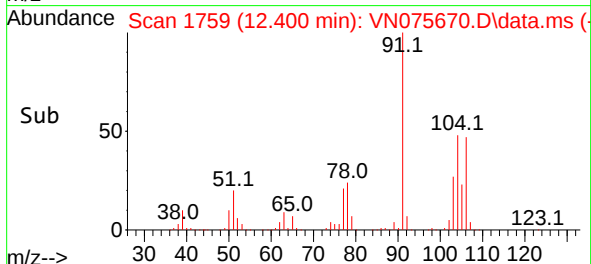
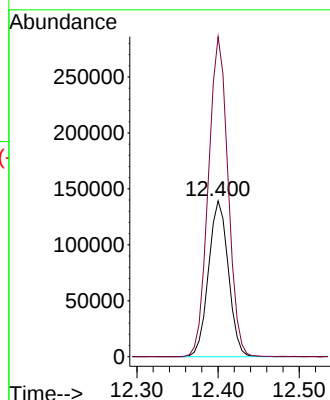
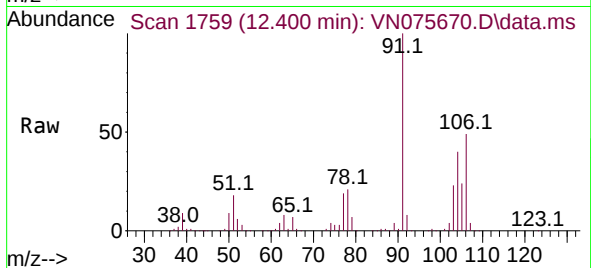
ClientSampleId :

Tgt Ion:106 Resp: 236075

Ion Ratio Lower Upper

106 100

91 204.2 102.8 308.5



#70

Styrene

Concen: 54.515 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

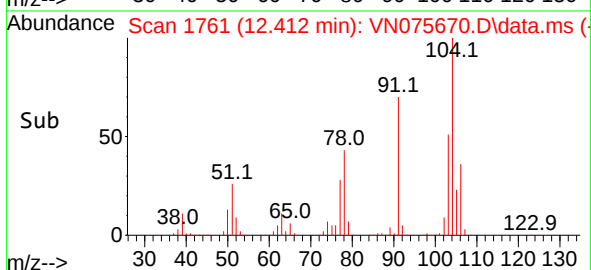
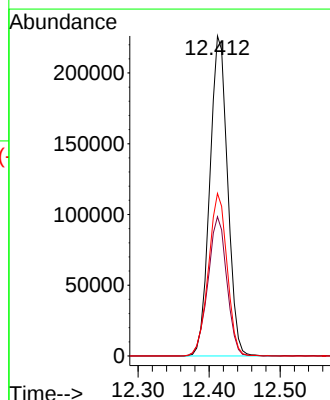
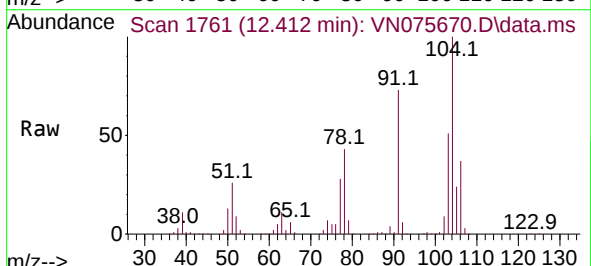
Tgt Ion:104 Resp: 393361

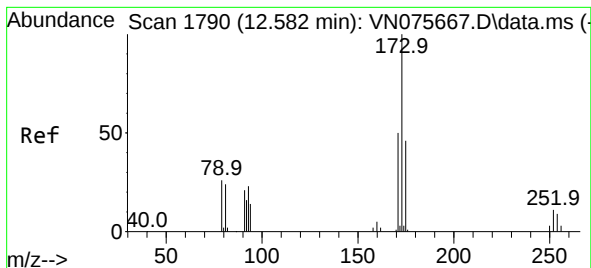
Ion Ratio Lower Upper

104 100

78 45.9 36.7 55.1

103 53.2 44.0 66.0





#71

Bromoform

Concen: 53.810 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

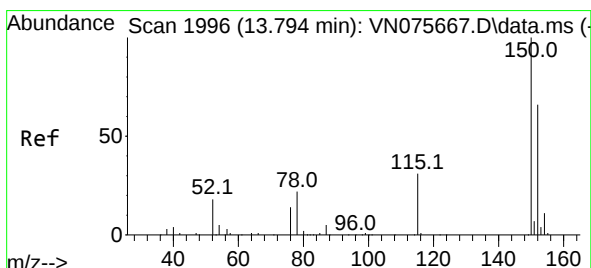
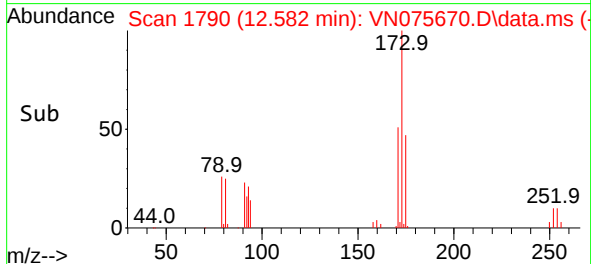
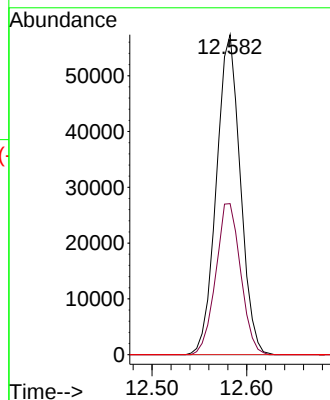
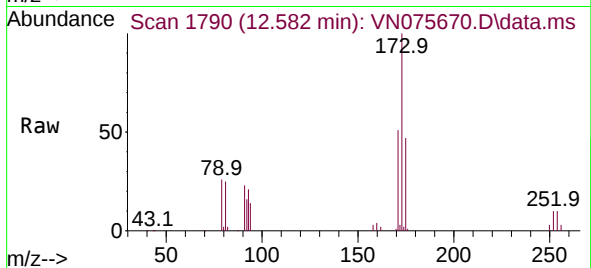
Tgt Ion:173 Resp: 100651

Ion Ratio Lower Upper

173 100

175 49.0 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: VN075670.D

Acq: 09 Dec 2022 15:58

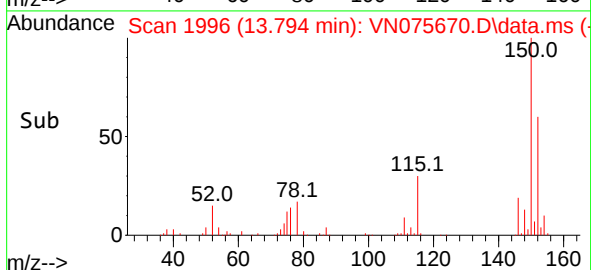
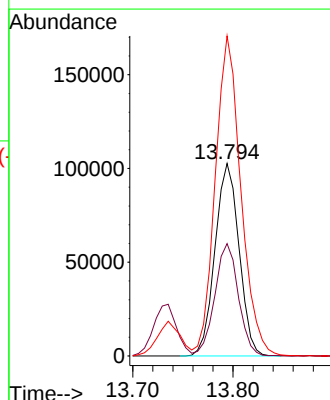
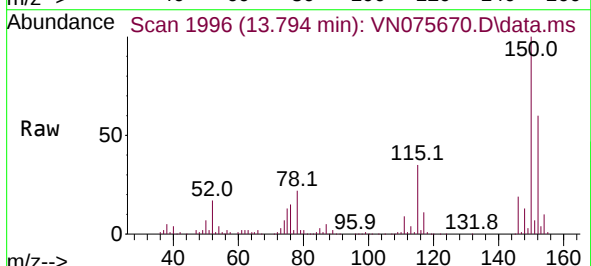
Tgt Ion:152 Resp: 170654

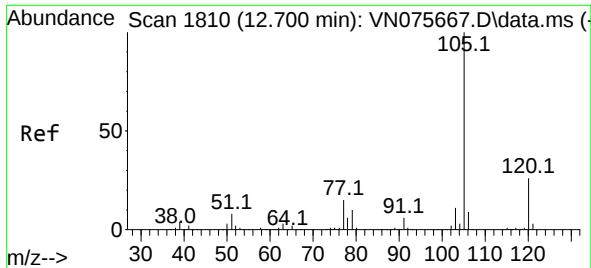
Ion Ratio Lower Upper

152 100

115 57.4 28.4 85.2

150 177.6 0.0 347.6

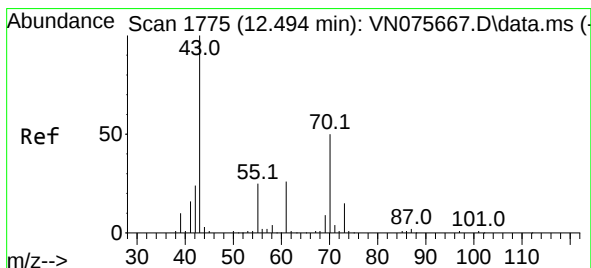
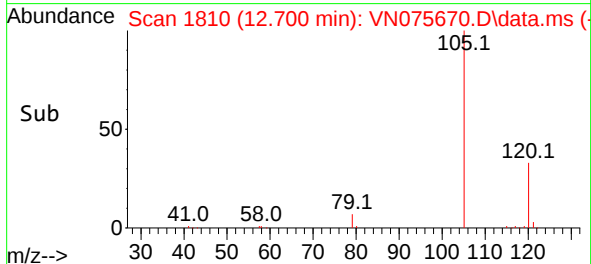
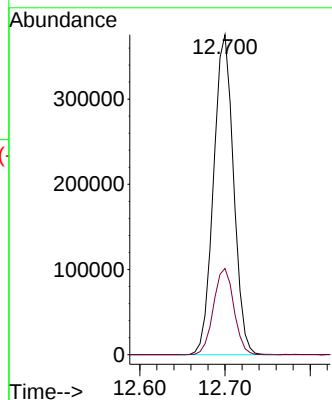
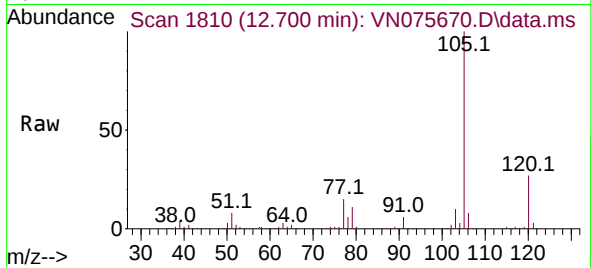




#73
Isopropylbenzene
Concen: 49.905 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

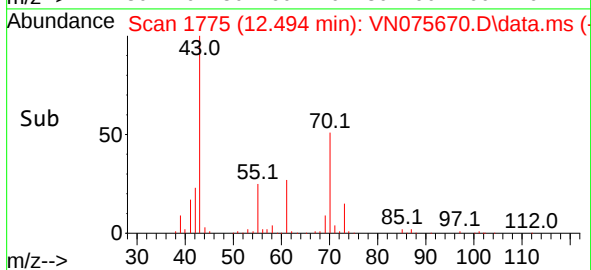
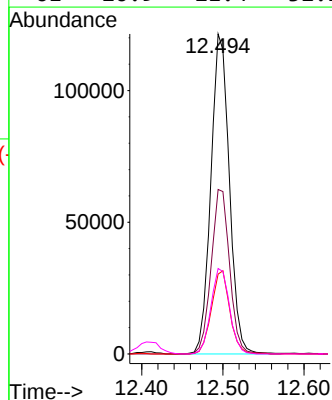
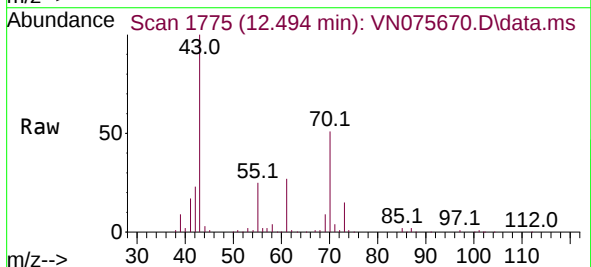
Instrument :
MSVOA_N
ClientSampleId :

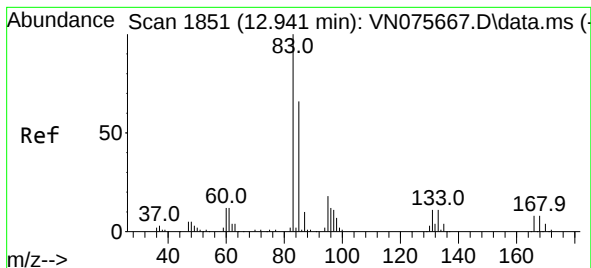
Tgt Ion:105 Resp: 611495
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 53.887 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 43 Resp: 191852
Ion Ratio Lower Upper
43 100
70 51.3 41.0 61.6
55 25.9 20.7 31.1
61 26.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.731 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

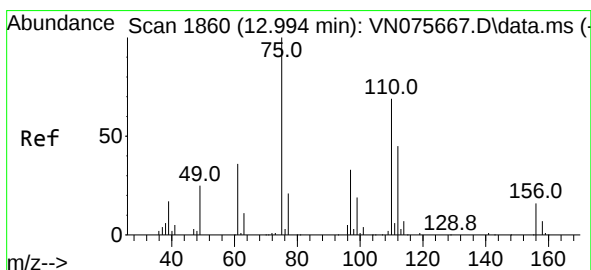
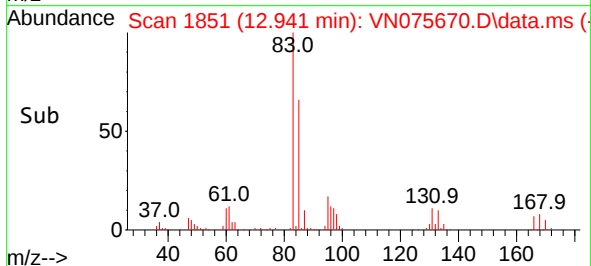
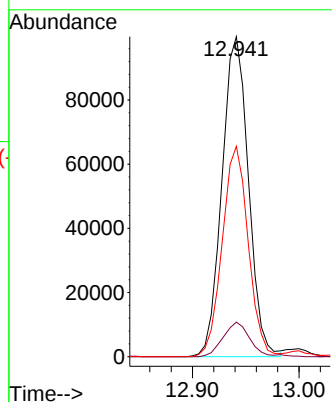
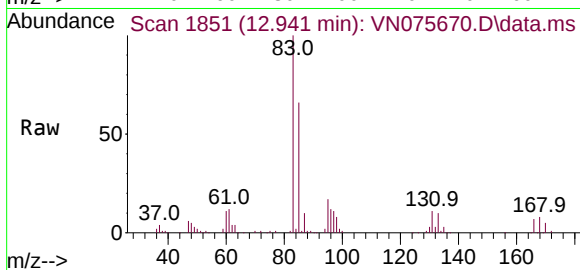
Tgt Ion: 83 Resp: 172009

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 64.5 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 60.086 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN075670.D

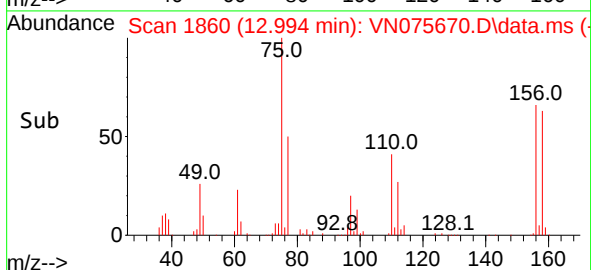
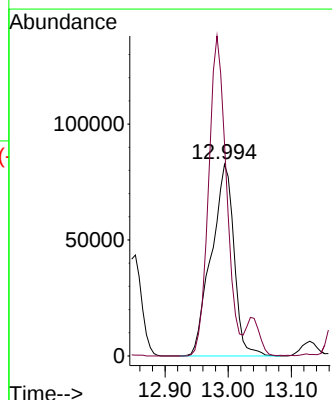
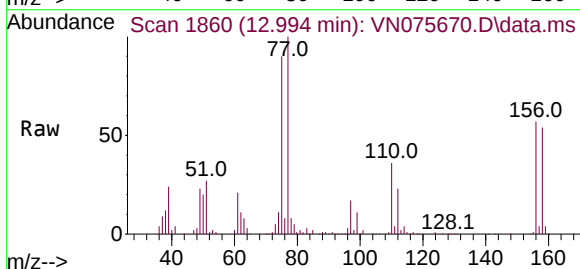
Acq: 09 Dec 2022 15:58

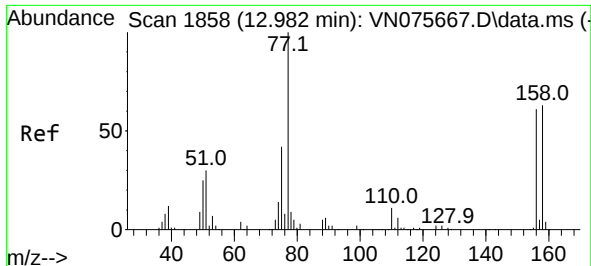
Tgt Ion: 75 Resp: 205924

Ion Ratio Lower Upper

75 100

77 132.3 81.8 245.4

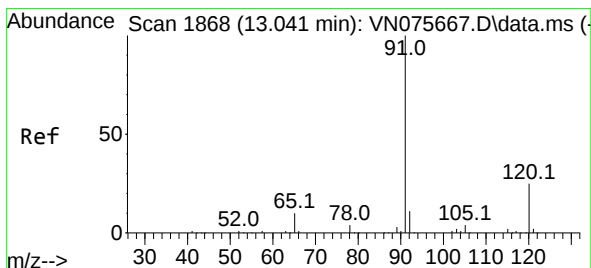
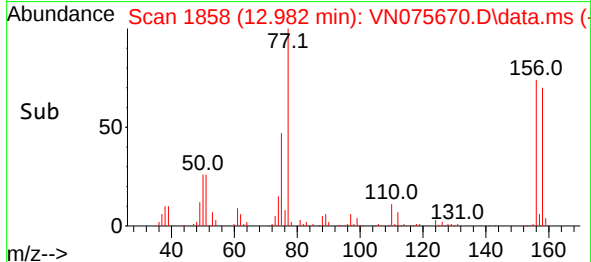
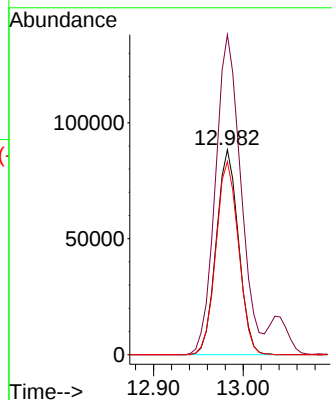
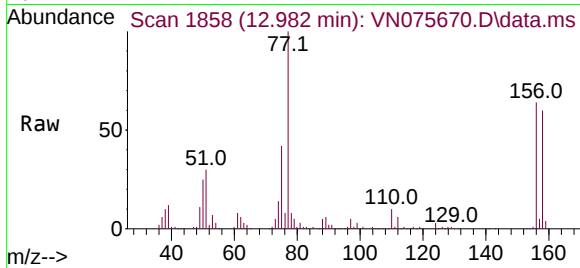




#77
Bromobenzene
Concen: 49.321 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

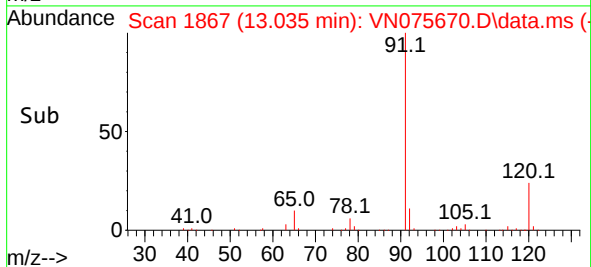
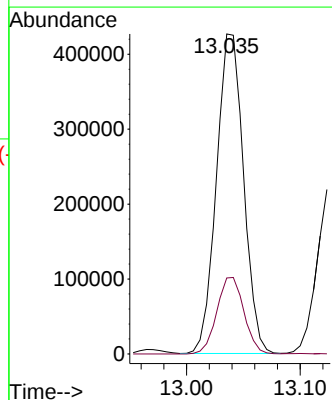
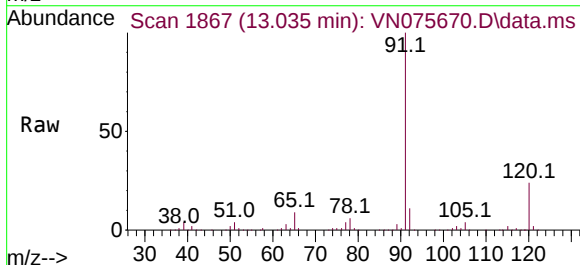
Instrument :
MSVOA_N
ClientSampleId :

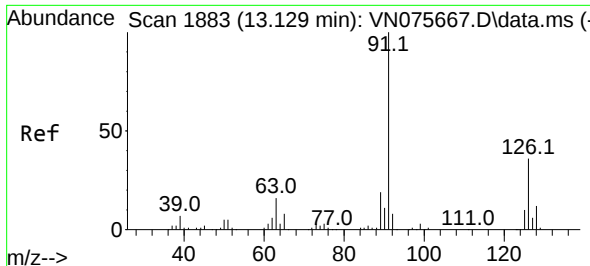
Tgt Ion:156 Resp: 151982
Ion Ratio Lower Upper
156 100
77 179.2 90.8 272.5
158 95.9 49.3 147.8



#78
n-propylbenzene
Concen: 52.057 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 91 Resp: 707813
Ion Ratio Lower Upper
91 100
120 23.9 12.1 36.3

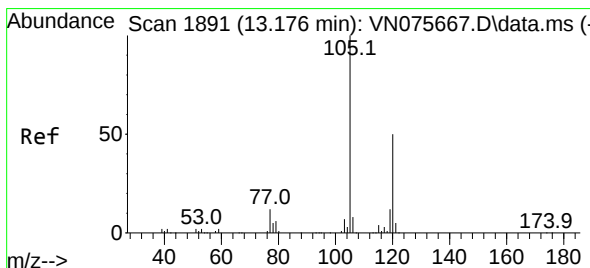
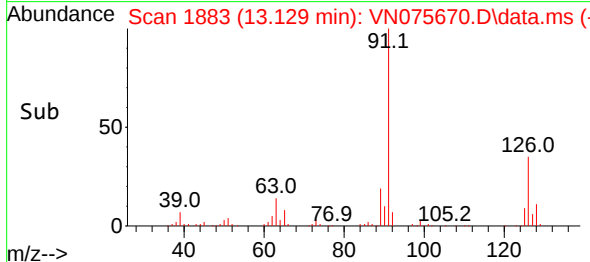
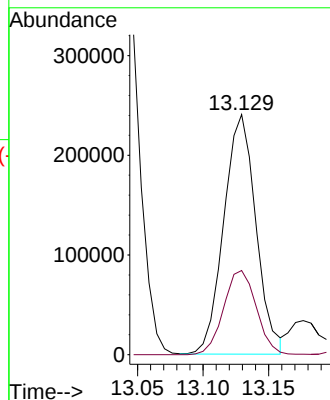
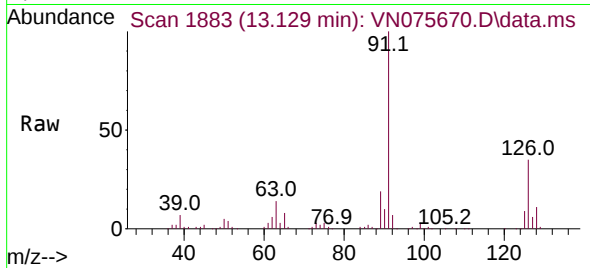




#79
2-Chlorotoluene
Concen: 48.880 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

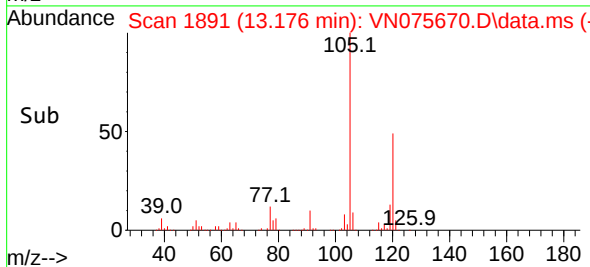
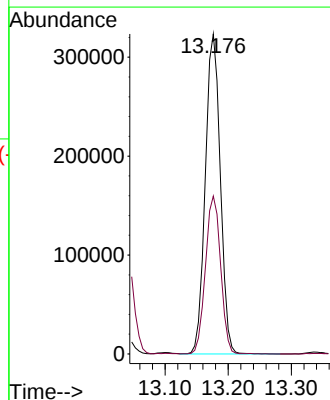
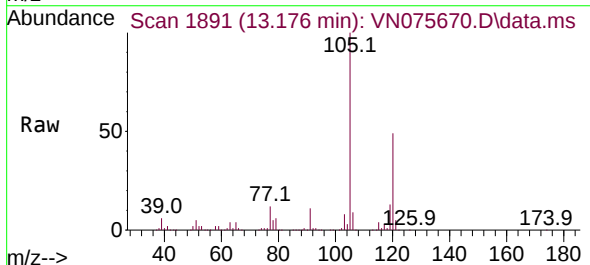
Instrument :
MSVOA_N
ClientSampleId :

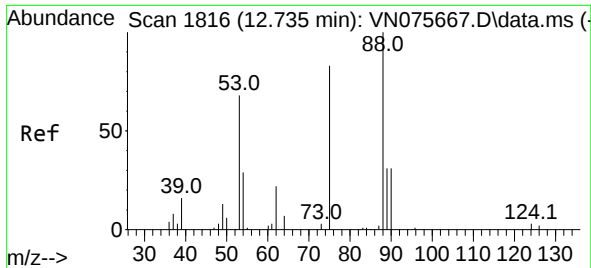
Tgt Ion: 91 Resp: 410312
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 52.156 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 105 Resp: 534310
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.6

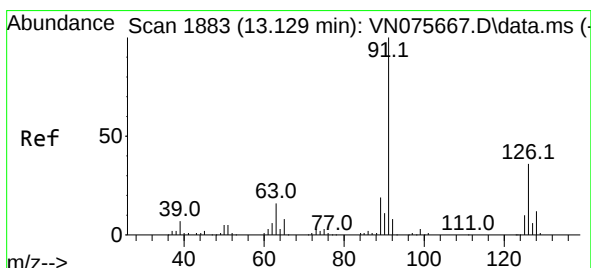
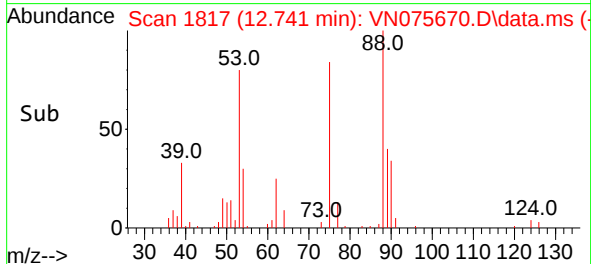
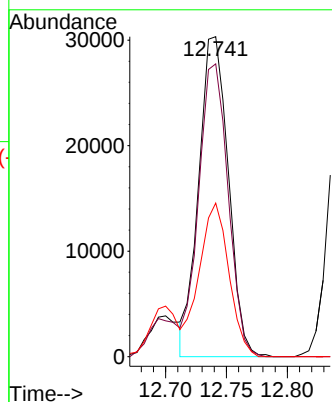
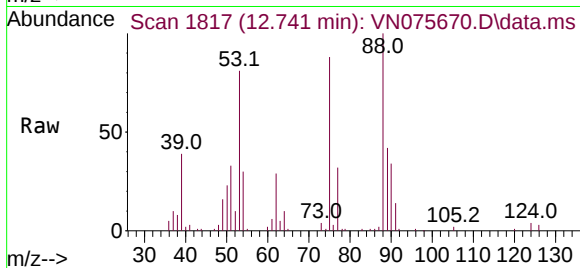




#81
trans-1,4-Dichloro-2-butene
Concen: 48.913 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

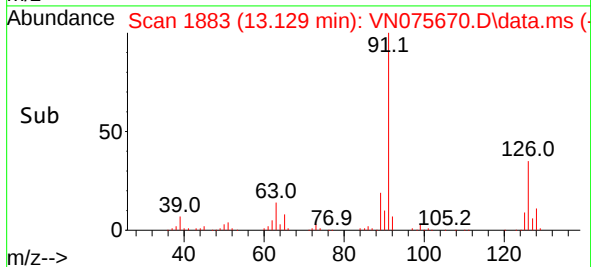
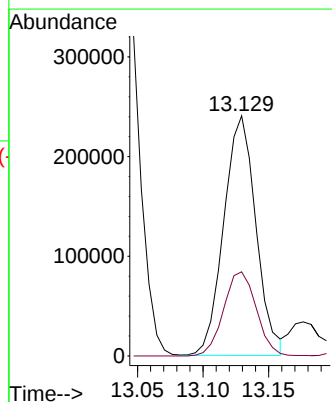
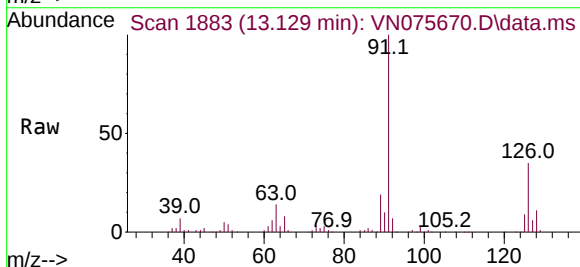
Instrument :
MSVOA_N
ClientSampleId :

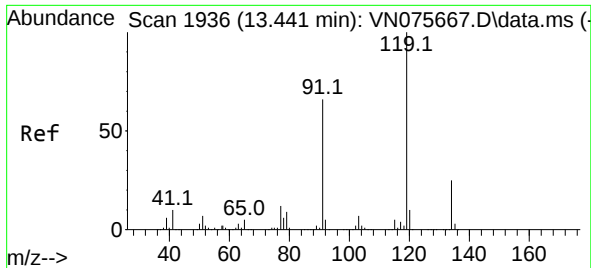
Tgt Ion: 75 Resp: 51386
Ion Ratio Lower Upper
75 100
53 91.1 72.4 108.6
89 48.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 48.880 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion: 91 Resp: 410312
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.4

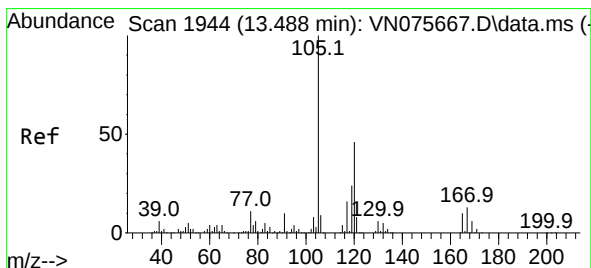
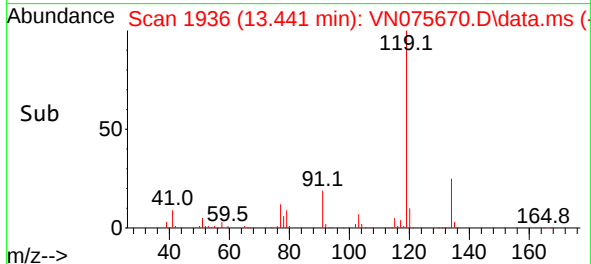
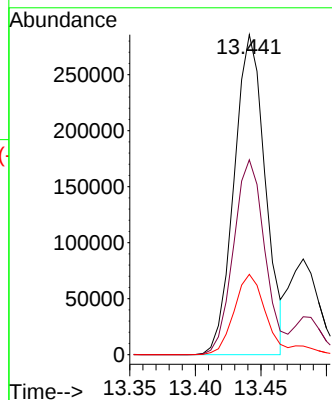
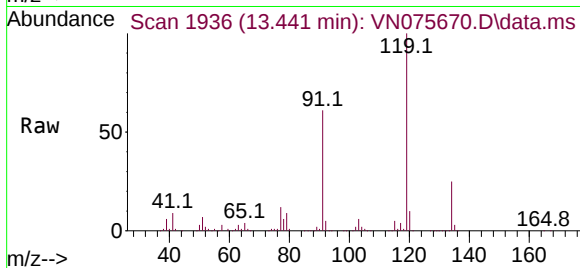




#83
tert-Butylbenzene
Concen: 50.820 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

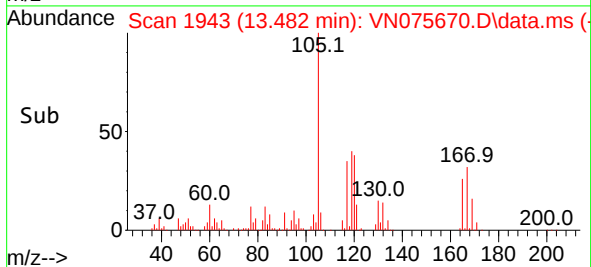
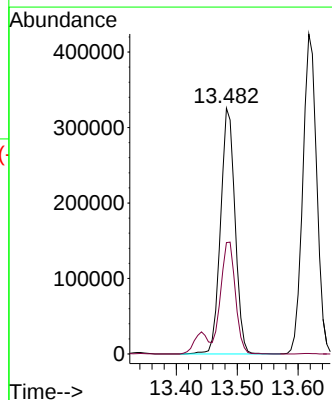
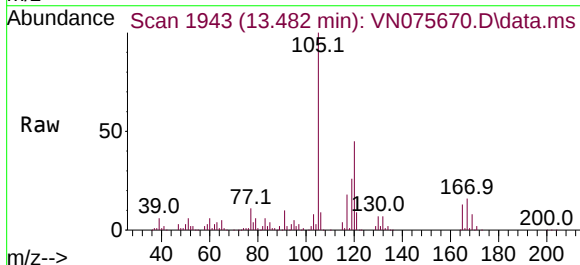
Instrument :
MSVOA_N
ClientSampleId :

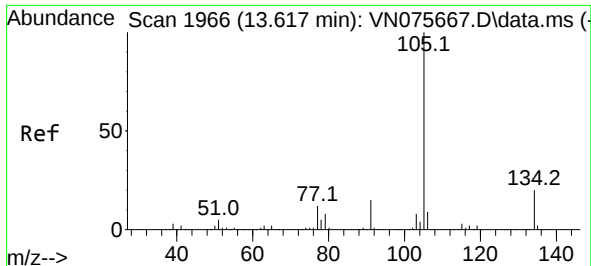
Tgt Ion:119 Resp: 472118
Ion Ratio Lower Upper
119 100
91 61.9 31.9 95.9
134 27.1 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 52.079 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion:105 Resp: 536214
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2

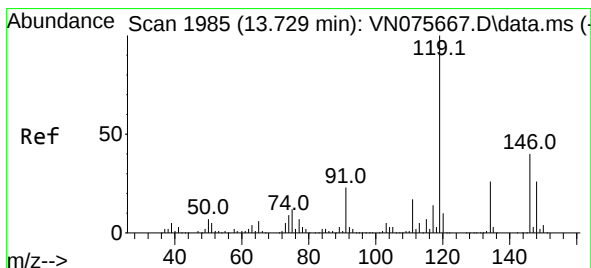
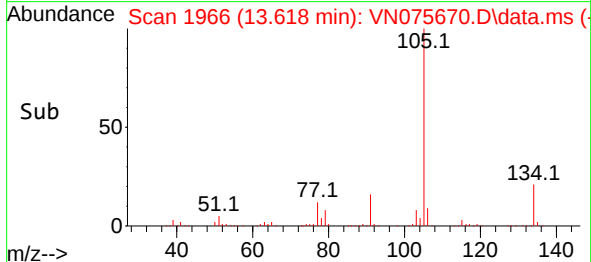
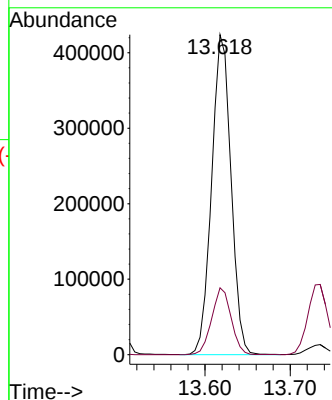
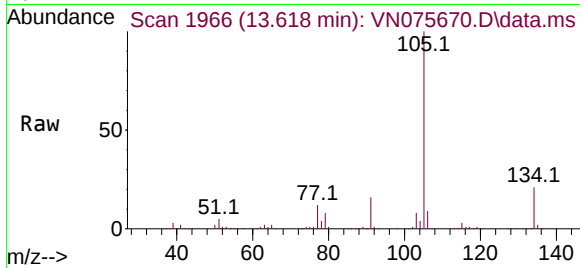




#85
 sec-Butylbenzene
 Concen: 52.551 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

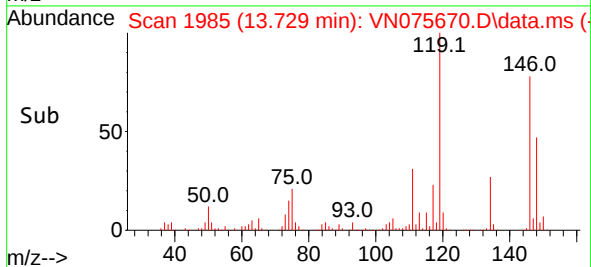
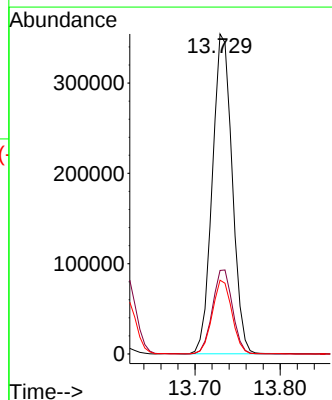
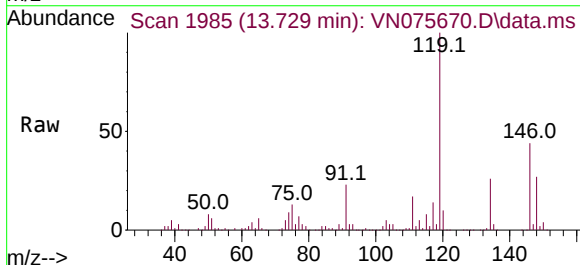
Instrument :
 MSVOA_N
 ClientSampleId :

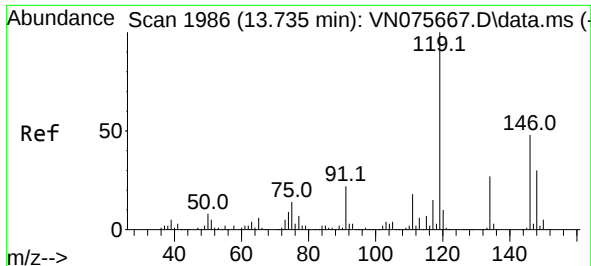
Tgt Ion:105 Resp: 671156
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 53.525 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075670.D
 Acq: 09 Dec 2022 15:58

Tgt Ion:119 Resp: 571981
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 50.684 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

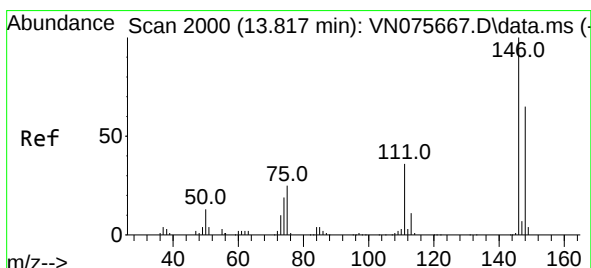
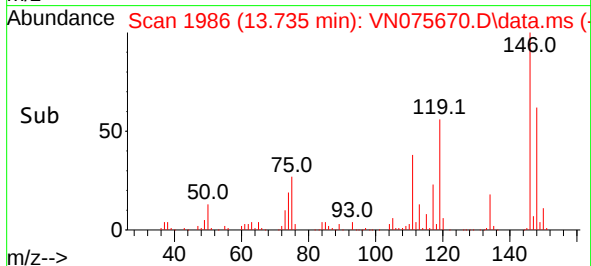
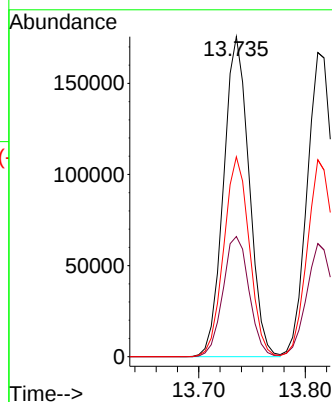
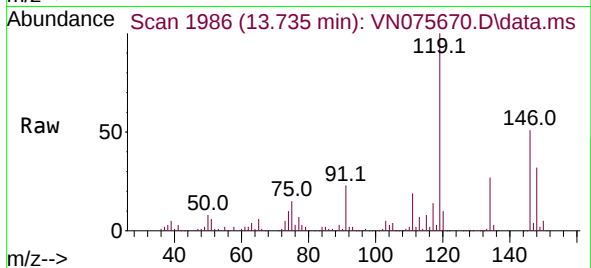
Tgt Ion:146 Resp: 292082

Ion Ratio Lower Upper

146 100

111 38.4 19.8 59.3

148 62.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 48.945 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

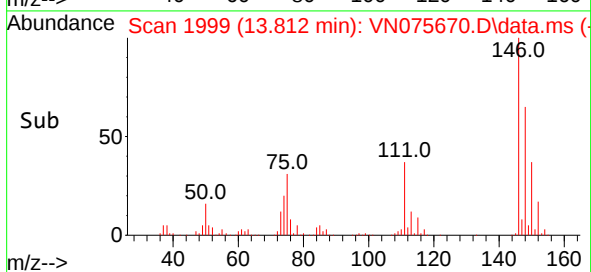
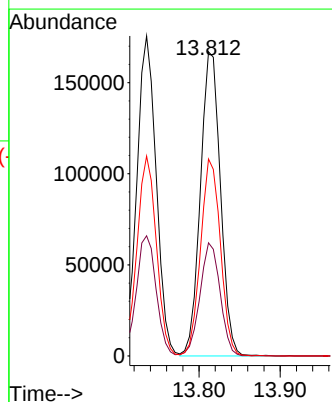
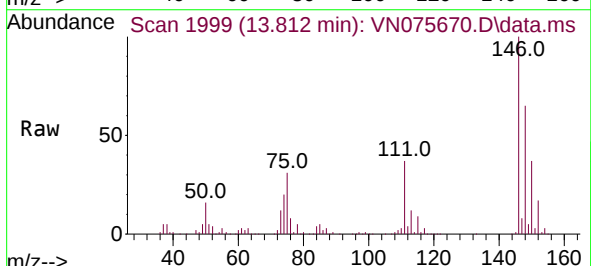
Tgt Ion:146 Resp: 286903

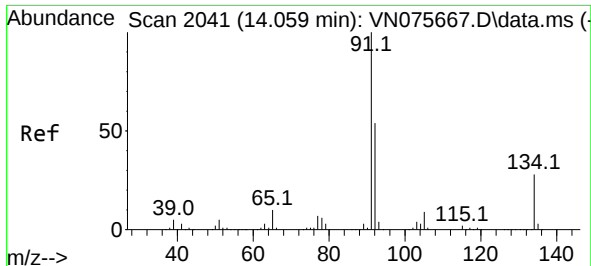
Ion Ratio Lower Upper

146 100

111 37.2 19.1 57.1

148 64.0 32.1 96.3





#89

n-Butylbenzene

Concen: 54.865 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

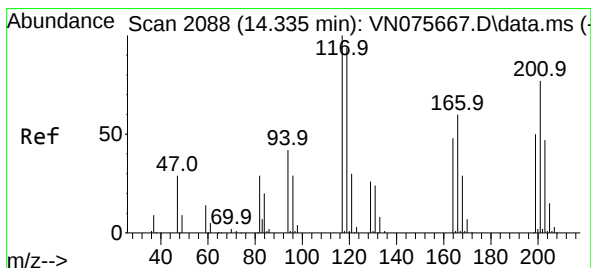
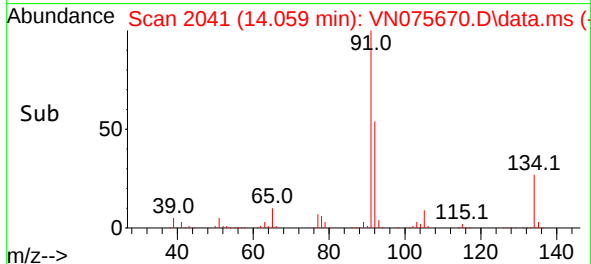
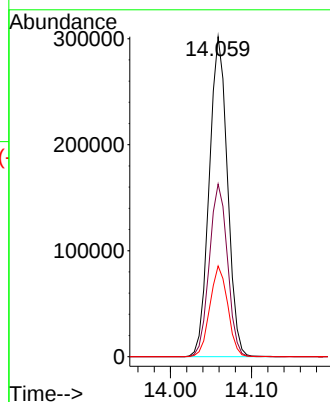
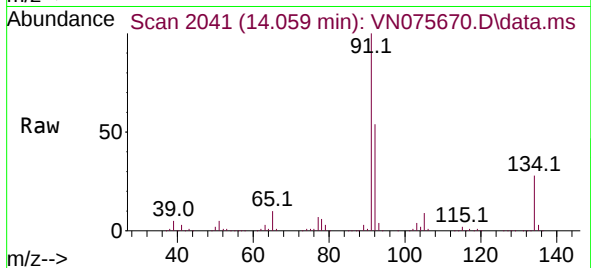
Tgt Ion: 91 Resp: 469916

Ion Ratio Lower Upper

91 100

92 53.8 26.7 80.1

134 27.8 13.9 41.7



#90

Hexachloroethane

Concen: 52.186 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075670.D

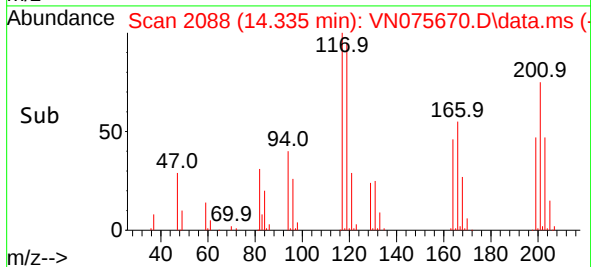
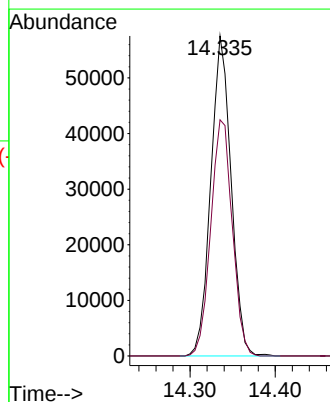
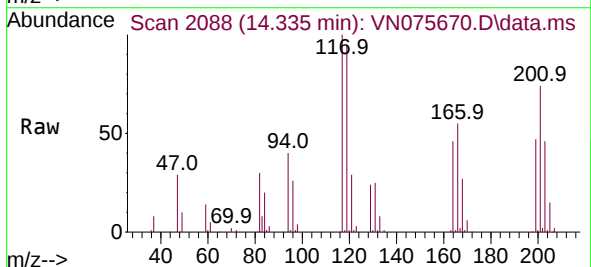
Acq: 09 Dec 2022 15:58

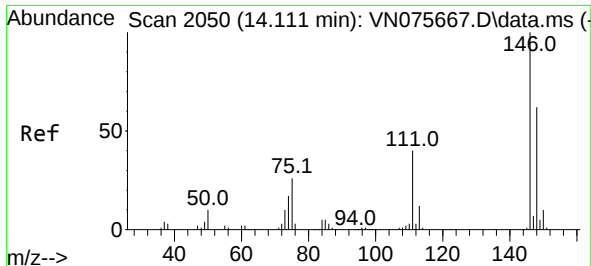
Tgt Ion: 117 Resp: 95523

Ion Ratio Lower Upper

117 100

201 78.0 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 48.907 ug/l

RT: 14.106 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

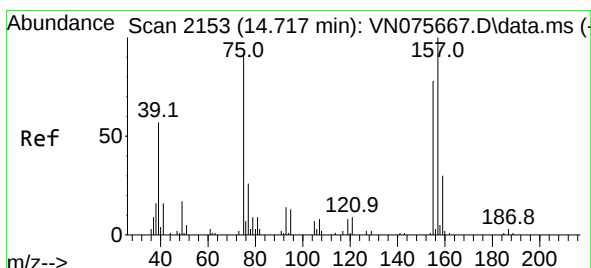
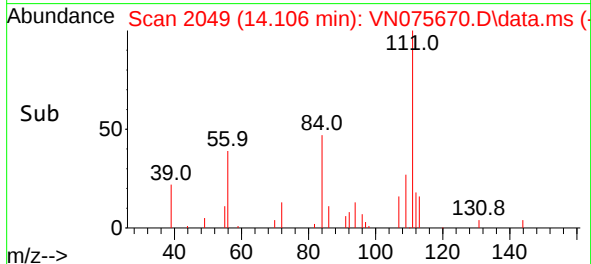
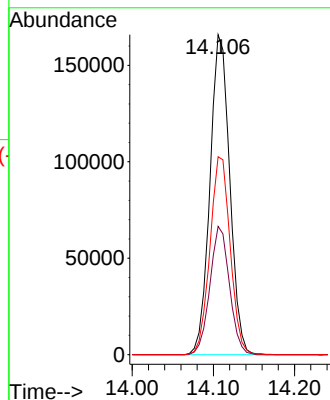
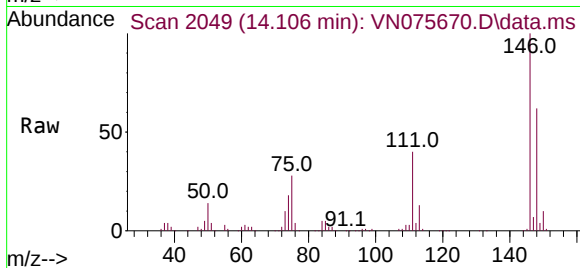
Tgt Ion:146 Resp: 280450

Ion Ratio Lower Upper

146 100

111 39.7 20.1 60.3

148 63.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.641 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

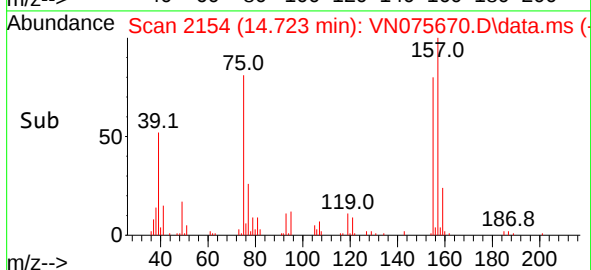
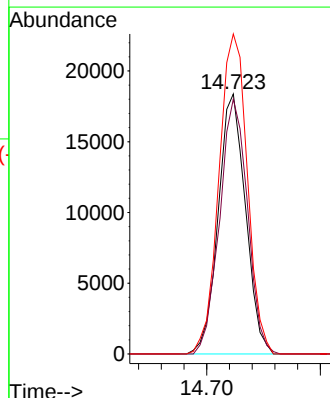
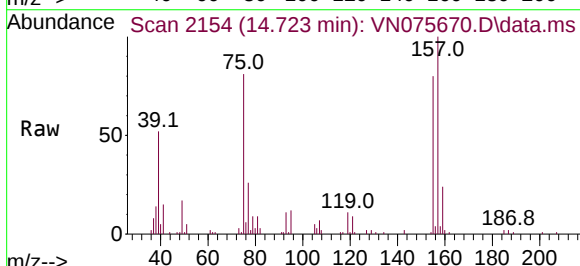
Tgt Ion: 75 Resp: 30630

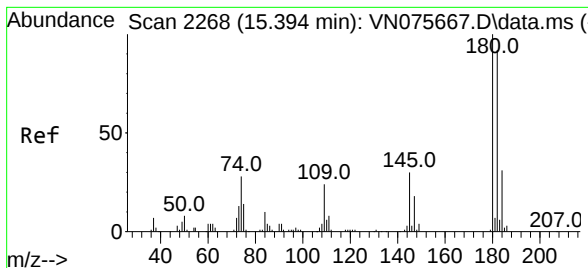
Ion Ratio Lower Upper

75 100

155 99.8 48.4 145.2

157 128.0 63.5 190.6





#93

1,2,4-Trichlorobenzene

Concen: 54.569 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

Instrument :

MSVOA_N

ClientSampleId :

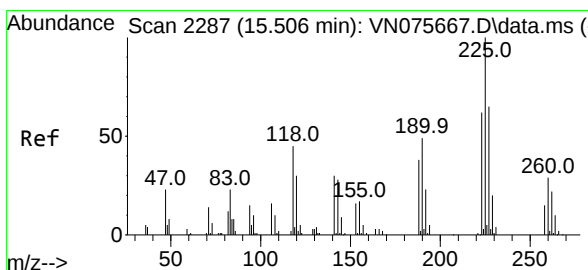
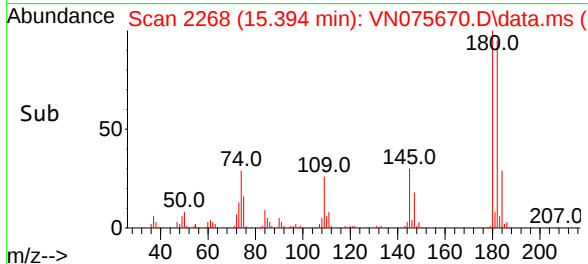
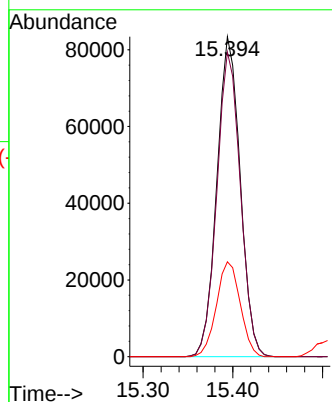
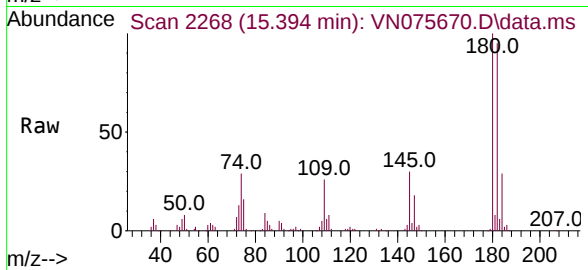
Tgt Ion:180 Resp: 150233

Ion Ratio Lower Upper

180 100

182 96.0 47.1 141.3

145 30.3 15.2 45.5



#94

Hexachlorobutadiene

Concen: 50.430 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075670.D

Acq: 09 Dec 2022 15:58

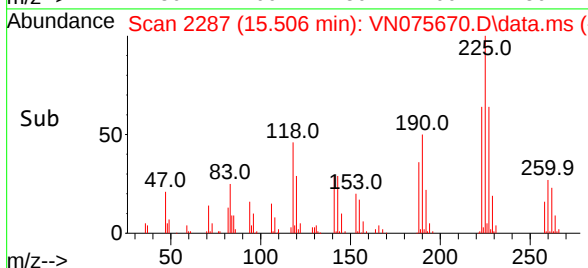
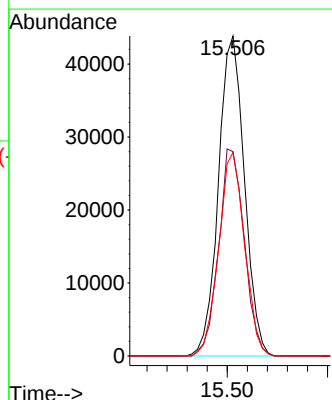
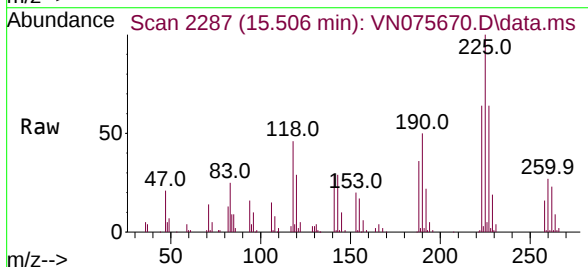
Tgt Ion:225 Resp: 78773

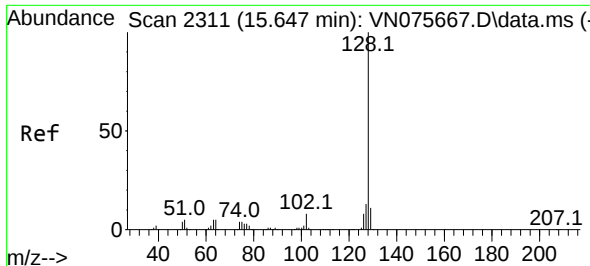
Ion Ratio Lower Upper

225 100

223 63.9 31.4 94.2

227 63.1 31.3 93.9

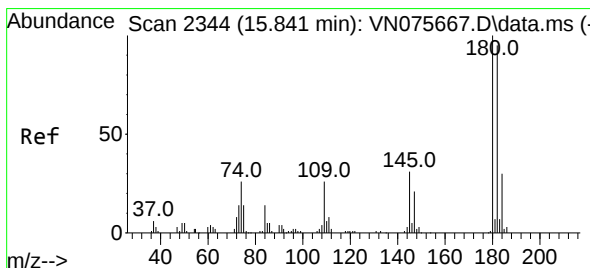
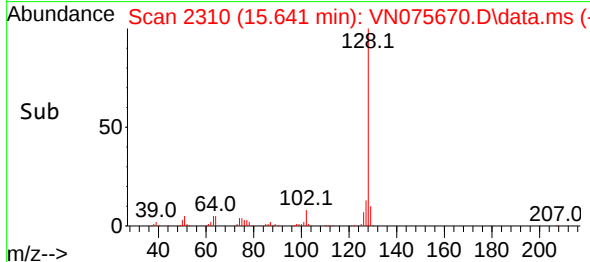
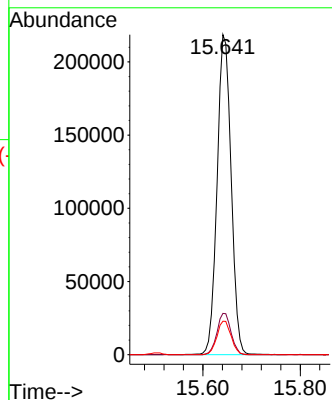
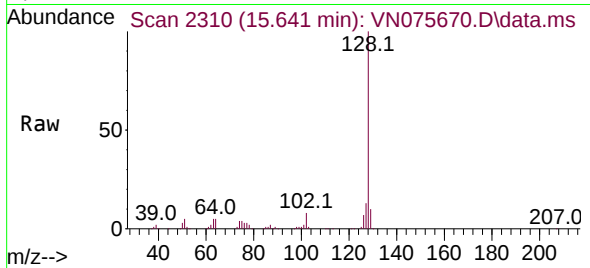




#95
Naphthalene
Concen: 53.723 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. -0.006 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 437143
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 53.653 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075670.D
Acq: 09 Dec 2022 15:58

Tgt Ion:180 Resp: 145141
Ion Ratio Lower Upper
180 100
182 94.5 46.8 140.4
145 31.9 15.6 46.8

