

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075768.D
 Acq On : 14 Dec 2022 12:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 15 00:26:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	329607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	440522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	167137	46.611	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.220%
35) Dibromofluoromethane	8.171	113	153271	48.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	10.571	98	584340	49.176	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.853	95	181379	46.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	471	0.201	ug/l #	42
3) Chloromethane	2.377	50	785	0.270	ug/l	94
5) Bromomethane	2.959	94	1425	0.483	ug/l	83
7) Trichlorofluoromethane	3.512	101	1076	0.204	ug/l	87
11) Tert butyl alcohol	5.536	59	1492	2.941	ug/l #	72
13) Acrolein	4.201	56	900	1.447	ug/l	100
15) Acrylonitrile	5.736	53	2357	1.702	ug/l #	92
16) Acetone	4.448	43	1228	0.993	ug/l #	85
17) Carbon Disulfide	4.724	76	4361	0.617	ug/l #	86
18) Methyl Acetate	5.048	43	1342	0.367	ug/l #	62
20) Methylene Chloride	5.271	84	882	Below Cal	#	80
23) Vinyl Acetate	6.624	43	4104	0.735	ug/l #	65
25) 2-Butanone	7.500	43	2559	1.479	ug/l #	84
27) cis-1,2-Dichloroethene	7.506	96	858	0.224	ug/l #	1
29) Tetrahydrofuran	7.847	42	1221	1.126	ug/l #	57
31) Cyclohexane	8.236	56	7228	1.407	ug/l #	21
36) 1,1-Dichloropropene	8.377	75	1470	0.348	ug/l #	79
37) Ethyl Acetate	7.571	43	929	0.274	ug/l #	65
38) Carbon Tetrachloride	8.230	117	31822	6.735	ug/l #	15
39) Methylcyclohexane	9.606	83	1274	0.250	ug/l	90
42) 1,2-Dichloroethane	8.677	62	1017	0.235	ug/l #	72
44) Trichloroethene	9.359	130	1228	0.335	ug/l	78
46) Dibromomethane	9.706	93	516	0.219	ug/l #	25
48) Methyl methacrylate	9.683	41	549	0.218	ug/l	99
49) 1,4-Dioxane	9.700	88	707	11.414	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	4081	1.206	ug/l	94
52) Toluene	10.630	92	2472	0.291	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	1059	0.235	ug/l #	84
56) Ethyl methacrylate	10.882	69	939	0.212	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.153	63	1043	0.741	ug/l #	80
59) 2-Hexanone	11.200	43	5174	2.097	ug/l	99
61) 1,2-Dibromoethane	11.482	107	832	0.247	ug/l	92
64) Tetrachloroethene	11.100	164	1089	0.351	ug/l #	73
65) Chlorobenzene	11.894	112	4187	0.463	ug/l	99
67) Ethyl Benzene	11.965	91	5023	0.329	ug/l #	80
68) m/p-Xylenes	12.082	106	4404	0.729	ug/l	90

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

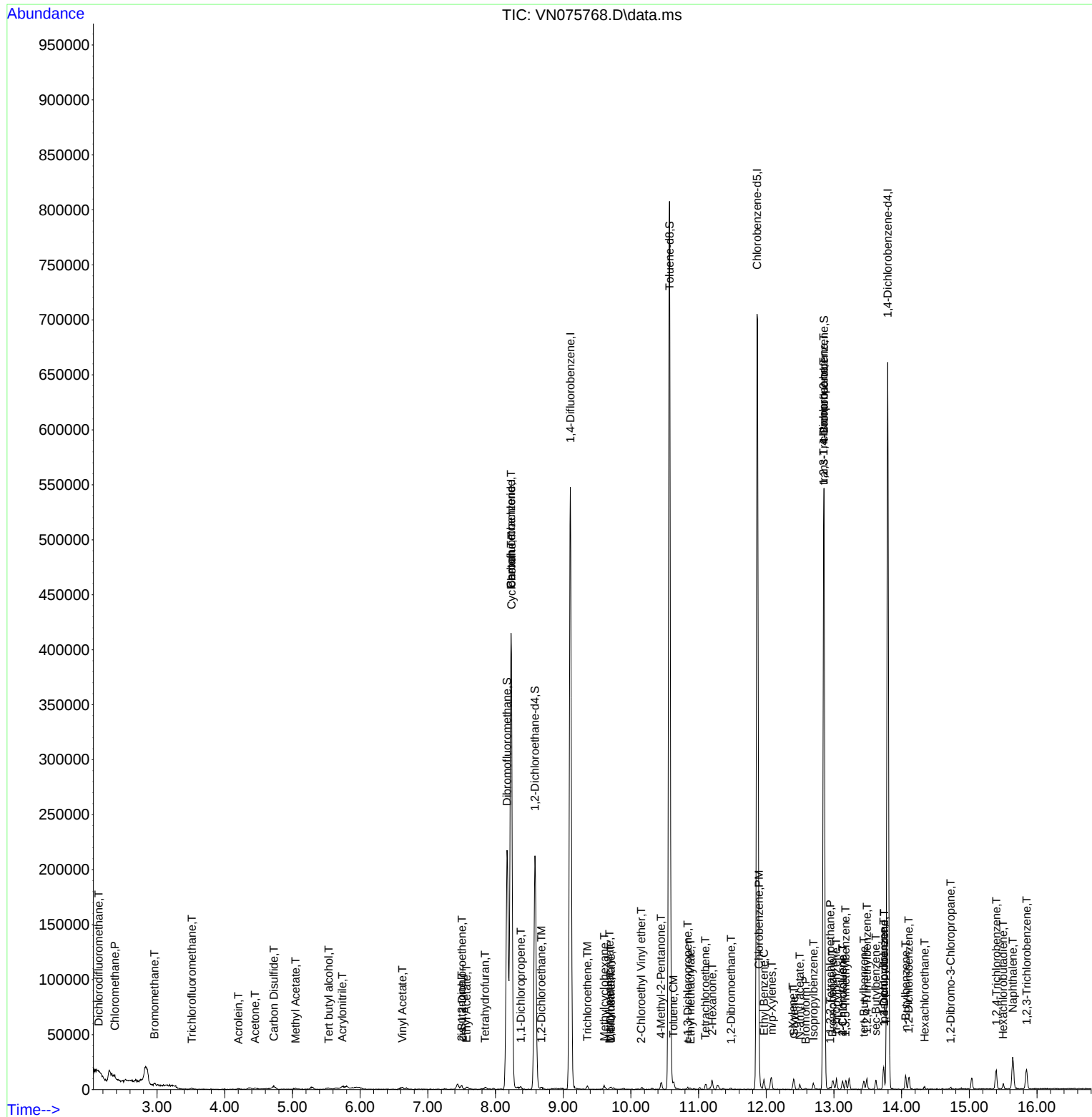
69) o-Xylene	12.394	106	1960	0.328	ug/l	76
70) Styrene	12.412	104	3404	0.358	ug/l	97
71) Bromoform	12.582	173	546	0.224	ug/l #	29
73) Isopropylbenzene	12.700	105	4827	0.352	ug/l	94
74) N-amyl acetate	12.494	43	2283	0.568	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.947	83	1190	0.281	ug/l #	91
76) 1,2,3-Trichloropropane	12.847	75	92780	24.277	ug/l #	1
77) Bromobenzene	12.976	156	1956	0.564	ug/l	95
78) n-propylbenzene	13.035	91	7976	0.528	ug/l	100
79) 2-Chlorotoluene	13.129	91	4840	0.513	ug/l	93
80) 1,3,5-Trimethylbenzene	13.171	105	4466	0.389	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.847	75	92780	87.386	ug/l #	12
82) 4-Chlorotoluene	13.129	91	4840	0.513	ug/l	93
83) tert-Butylbenzene	13.441	119	4519	0.447	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	5343	0.470	ug/l	95
85) sec-Butylbenzene	13.618	105	6561	0.470	ug/l	95
86) p-Isopropyltoluene	13.735	119	5368	0.462	ug/l	95
87) 1,3-Dichlorobenzene	13.741	146	5858	0.915	ug/l	97
88) 1,4-Dichlorobenzene	13.741	146	5858	0.895	ug/l	99
89) n-Butylbenzene	14.059	91	7346	0.781	ug/l	94
90) Hexachloroethane	14.341	117	483	0.233	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	5470	0.867	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	566	0.753	ug/l	71
93) 1,2,4-Trichlorobenzene	15.400	180	6601	2.113	ug/l	97
94) Hexachlorobutadiene	15.500	225	1252	0.735	ug/l	91
95) Naphthalene	15.641	128	29314	4.895	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	7679	2.631	ug/l	99

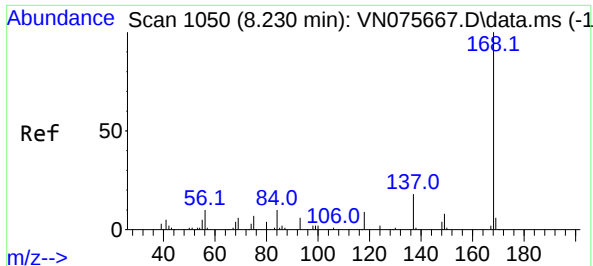
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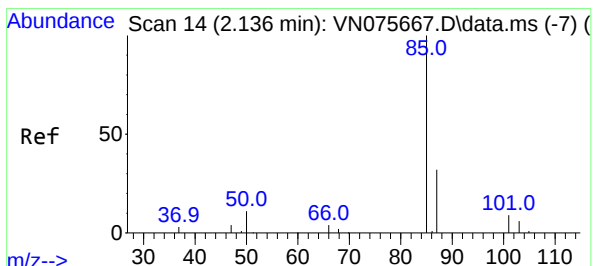
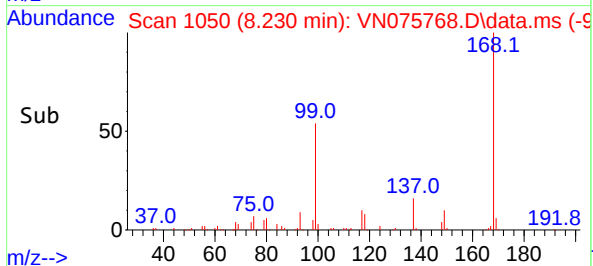
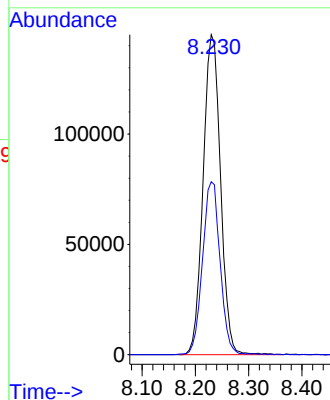
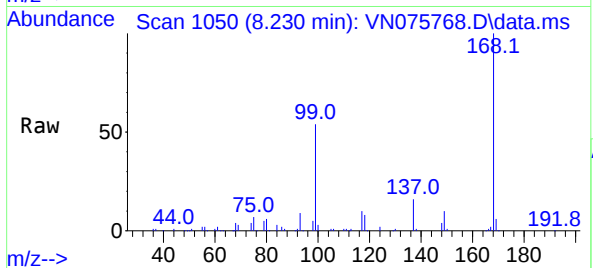




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075768.D
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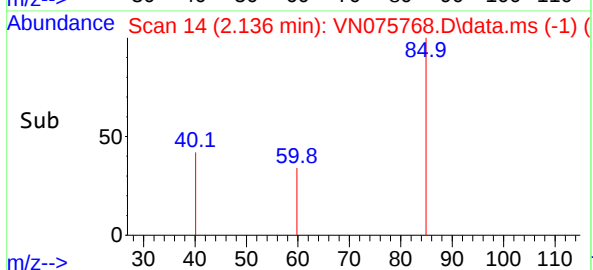
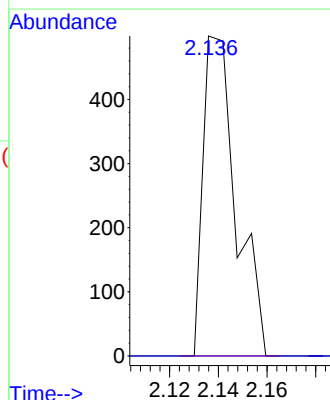
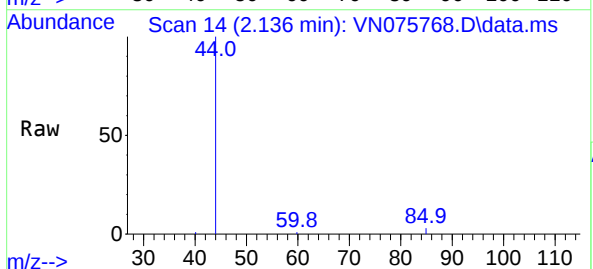
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MSVOA_N
ClientSampleId :
IBLK

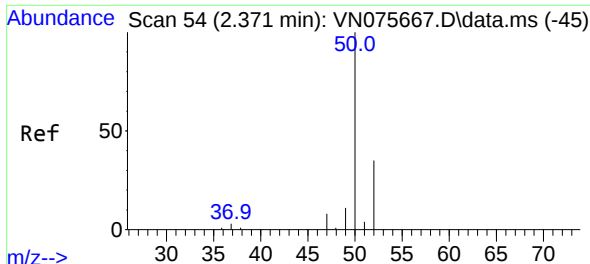
Tgt Ion:168 Resp: 329607
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 0.201 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 85 Resp: 471
Ion Ratio Lower Upper
85 100
87 0.0 16.3 48.9

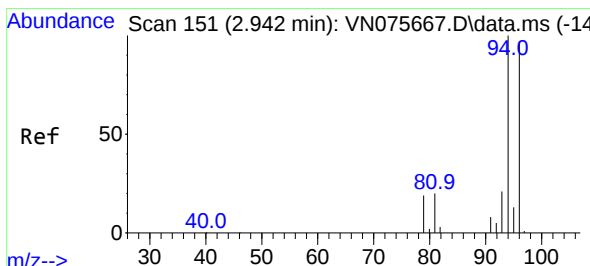
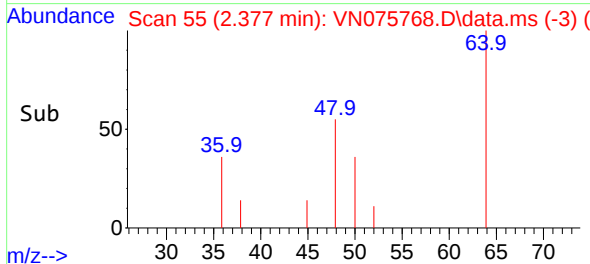
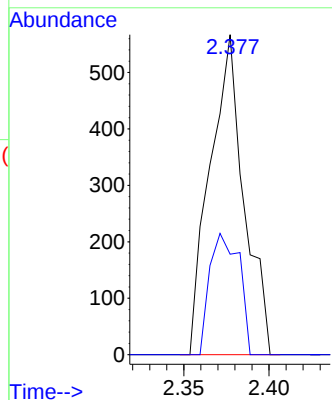
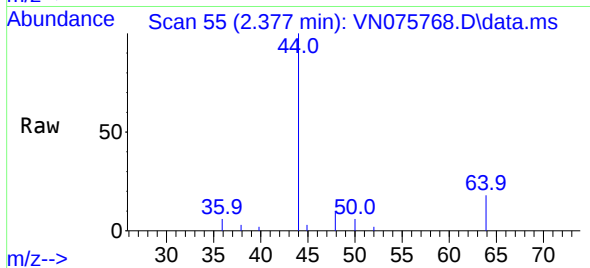




#3
Chloromethane
Concen: 0.270 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075768.D
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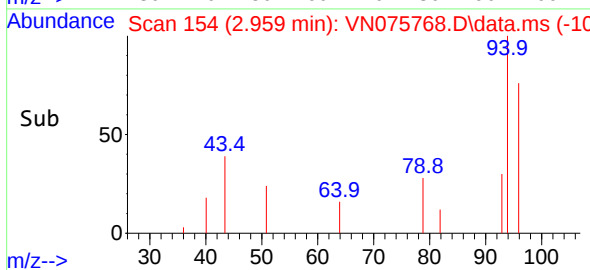
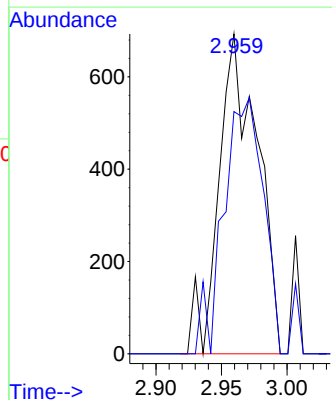
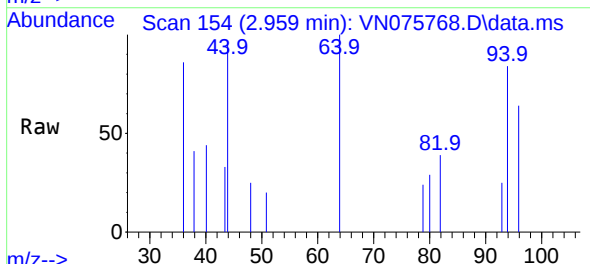
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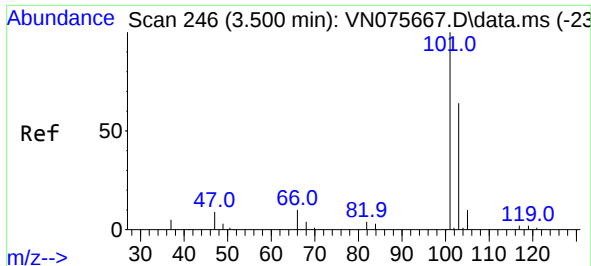
Tgt Ion: 50 Resp: 785
Ion Ratio Lower Upper
50 100
52 31.4 27.7 41.5



#5
Bromomethane
Concen: 0.483 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.018 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 94 Resp: 1425
Ion Ratio Lower Upper
94 100
96 75.8 73.8 110.6

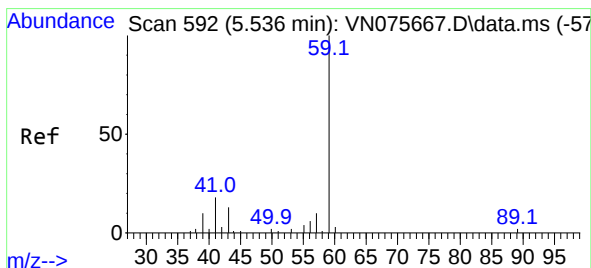
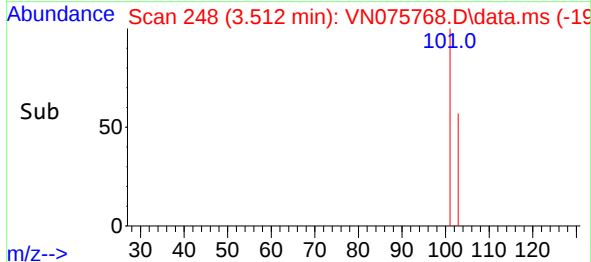
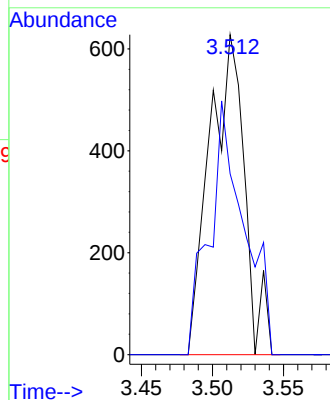
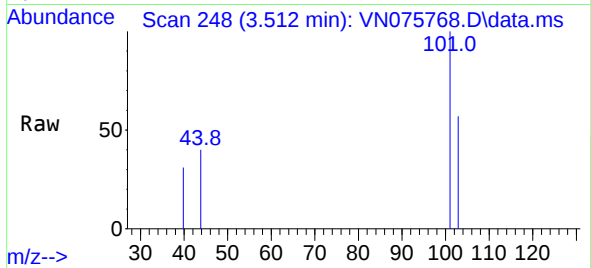




#7
 Trichlorofluoromethane
 Concen: 0.204 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075768.D
 Acq: 14 Dec 2022 12:56

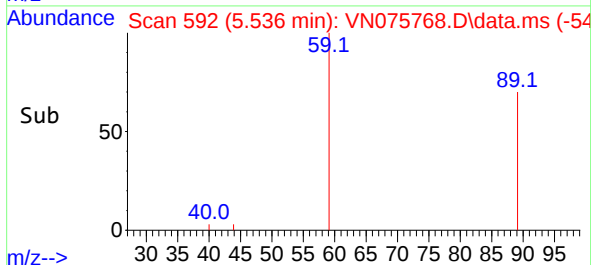
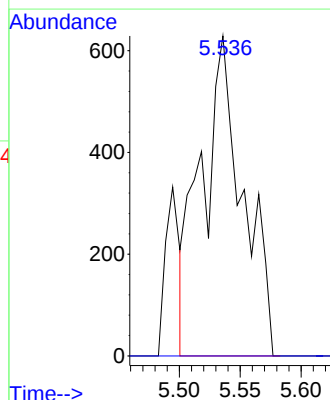
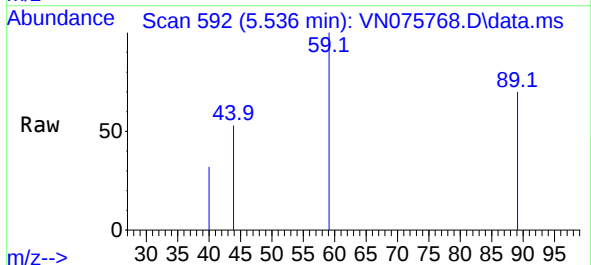
Instrument :
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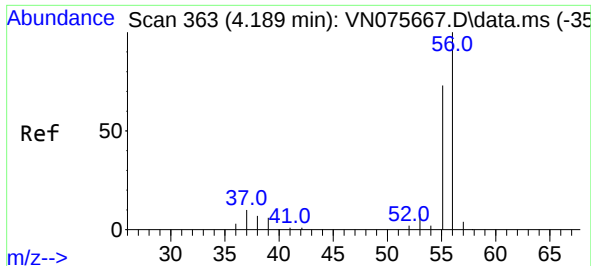
Tgt Ion:101 Resp: 1076
 Ion Ratio Lower Upper
 101 100
 103 56.5 53.4 80.2



#11
 Tert butyl alcohol
 Concen: 2.941 ug/l
 RT: 5.536 min Scan# 592
 Delta R.T. 0.000 min
 Lab File: VN075768.D
 Acq: 14 Dec 2022 12:56

Tgt Ion: 59 Resp: 1492
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

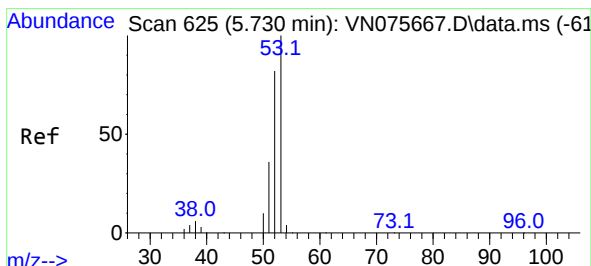
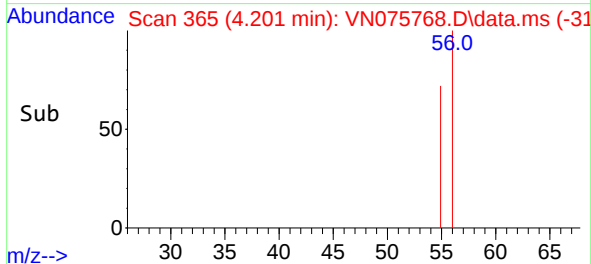
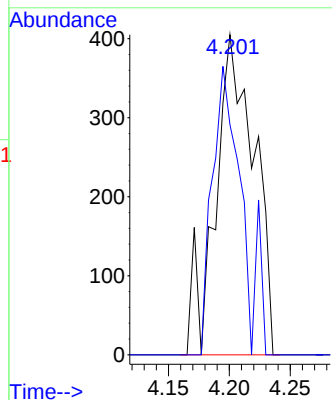
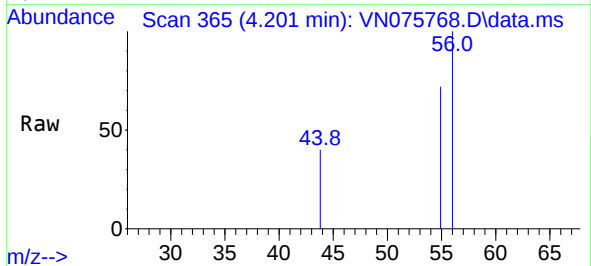




#13
Acrolein
Concen: 1.447 ug/l
RT: 4.201 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

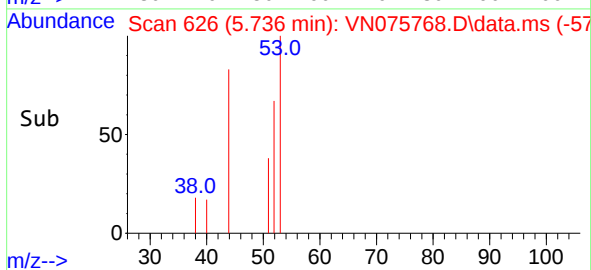
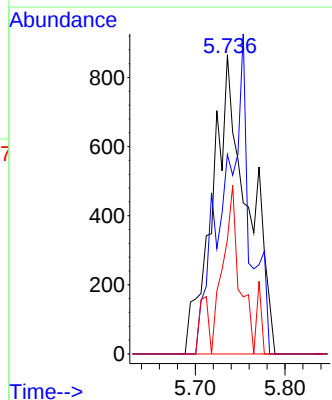
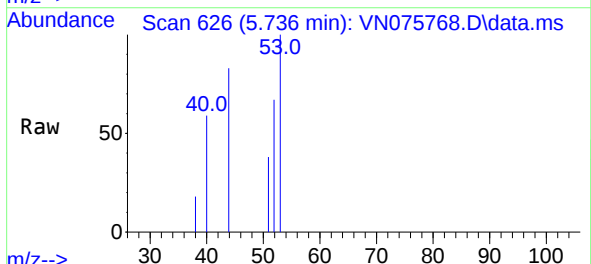
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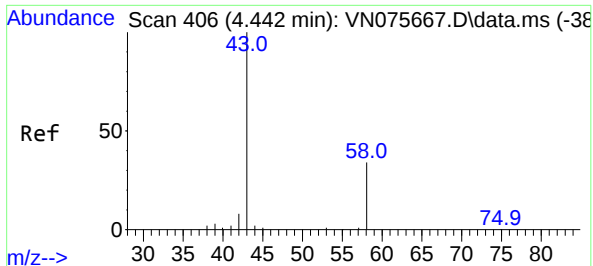
Tgt Ion: 56 Resp: 900
Ion Ratio Lower Upper
56 100
55 68.1 54.8 82.2



#15
Acrylonitrile
Concen: 1.702 ug/l
RT: 5.736 min Scan# 626
Delta R.T. 0.012 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 53 Resp: 2357
Ion Ratio Lower Upper
53 100
52 77.7 65.4 98.0
51 26.5 28.9 43.3#

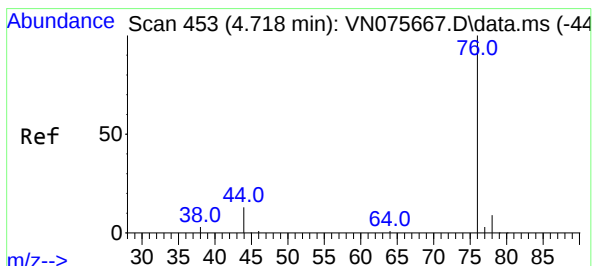
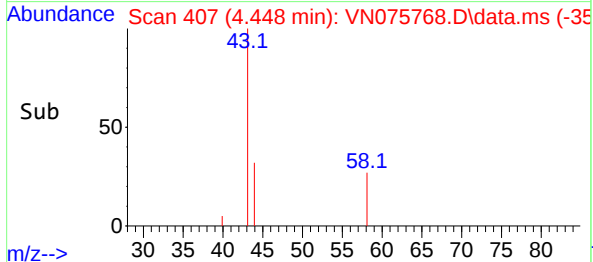
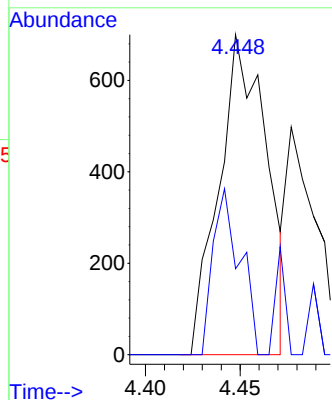
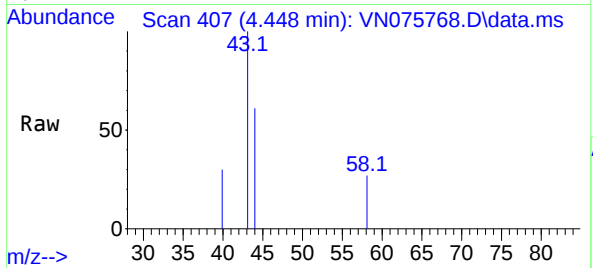




#16
Acetone
Concen: 0.993 ug/l
RT: 4.448 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

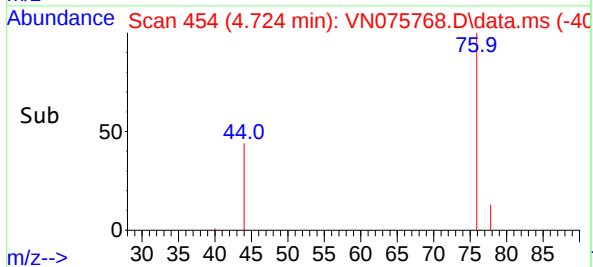
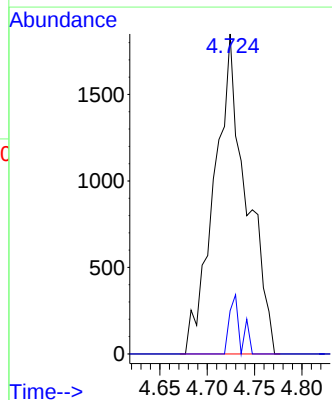
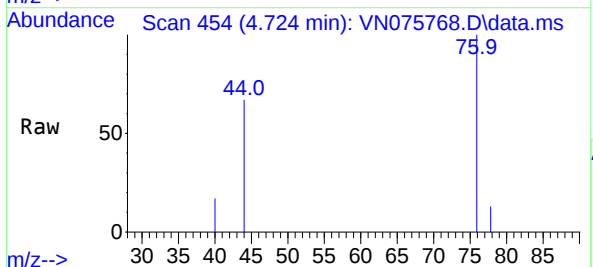
Instrument :
MSVOA_N
ClientSampleId :
IBLK

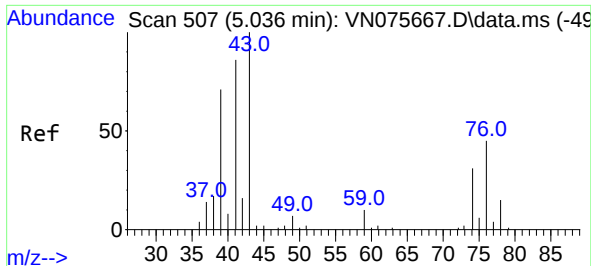
Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
58 26.9 28.6 43.0#



#17
Carbon Disulfide
Concen: 0.617 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 76 Resp: 4361
Ion Ratio Lower Upper
76 100
78 13.5 6.8 10.2#

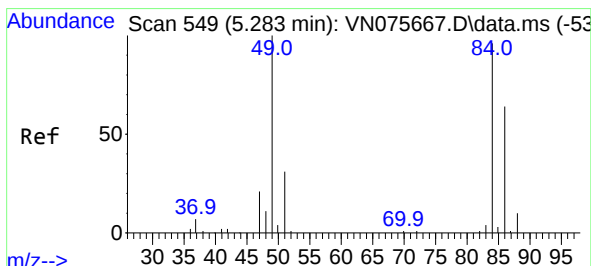
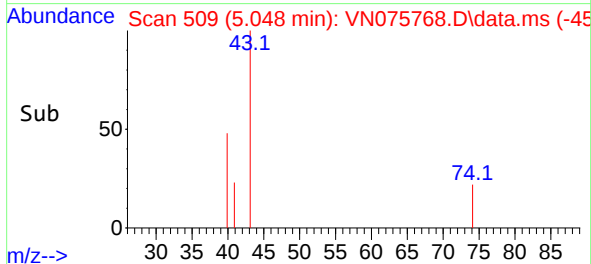
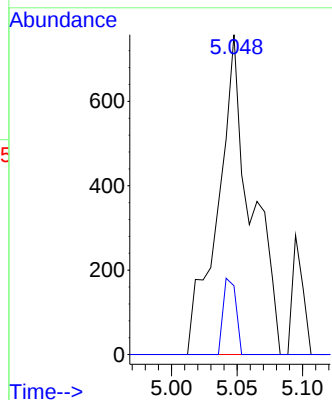
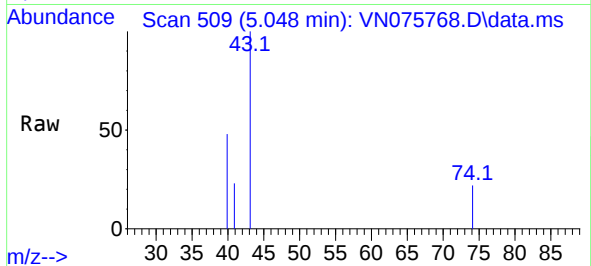




#18
Methyl Acetate
Concen: 0.367 ug/l
RT: 5.048 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

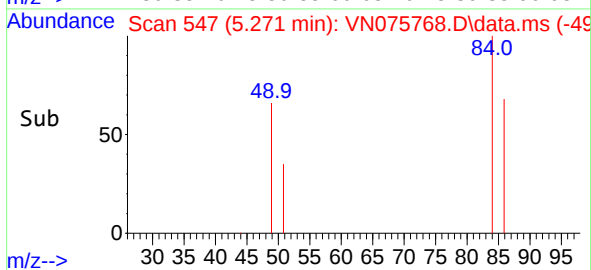
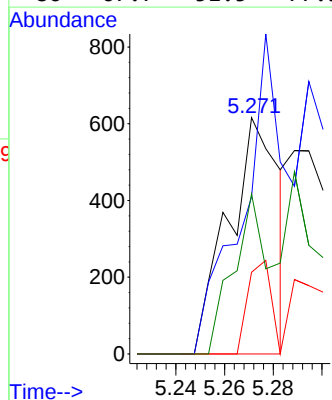
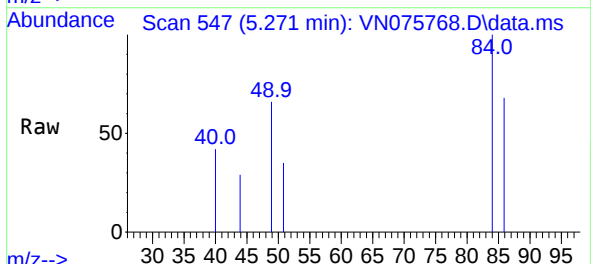
Instrument :
MSVOA_N
ClientSampleId :
IBLK

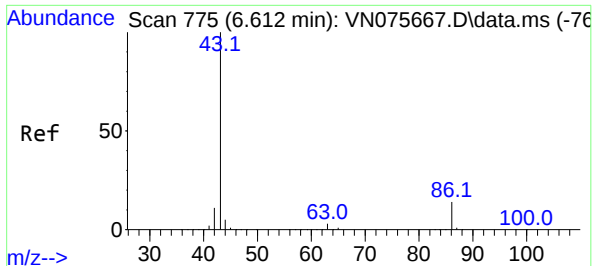
Tgt Ion: 43 Resp: 1342
Ion Ratio Lower Upper
43 100
74 9.0 23.6 35.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 547
Delta R.T. -0.018 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 84 Resp: 882
Ion Ratio Lower Upper
84 100
49 66.4 81.8 122.6#
51 34.6 26.7 40.1
86 67.7 51.5 77.3

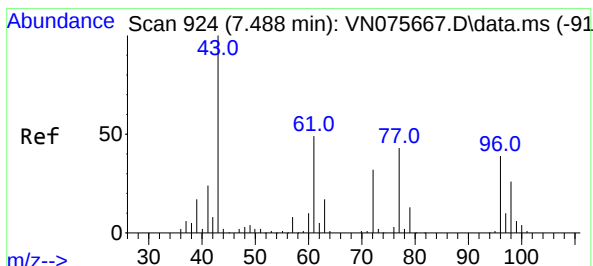
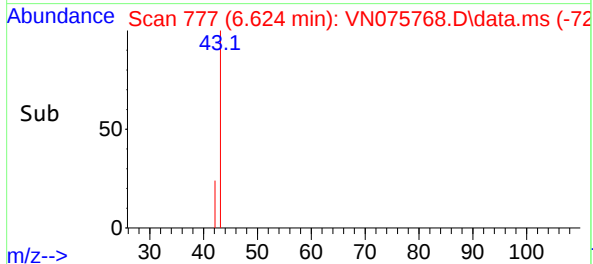
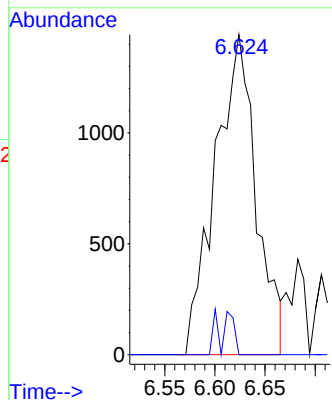
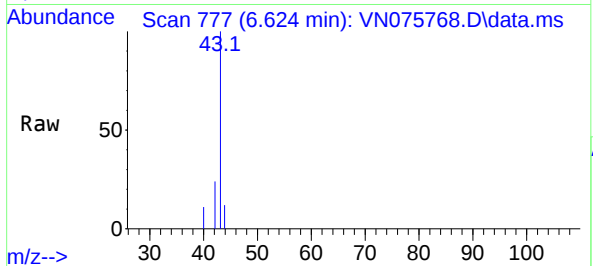




#23
 Vinyl Acetate
 Concen: 0.735 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. 0.012 min
 Lab File: VN075768.D
 Acq: 14 Dec 2022 12:56

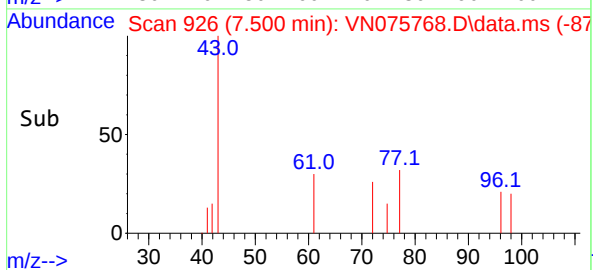
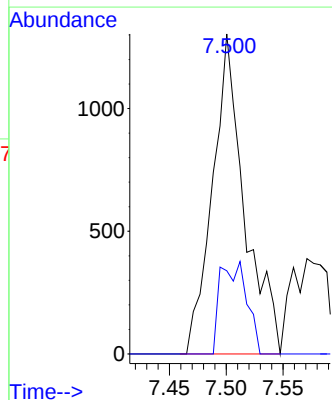
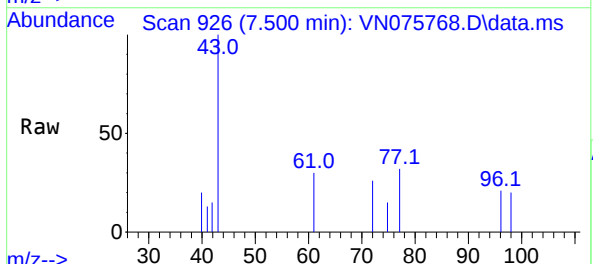
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

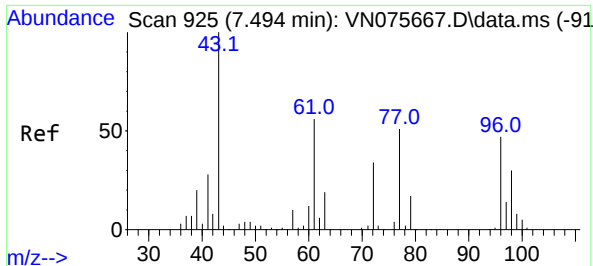
Tgt Ion: 43 Resp: 4104
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.4 17.2#



#25
 2-Butanone
 Concen: 1.479 ug/l
 RT: 7.500 min Scan# 926
 Delta R.T. 0.012 min
 Lab File: VN075768.D
 Acq: 14 Dec 2022 12:56

Tgt Ion: 43 Resp: 2559
 Ion Ratio Lower Upper
 43 100
 72 26.0 28.0 42.0#

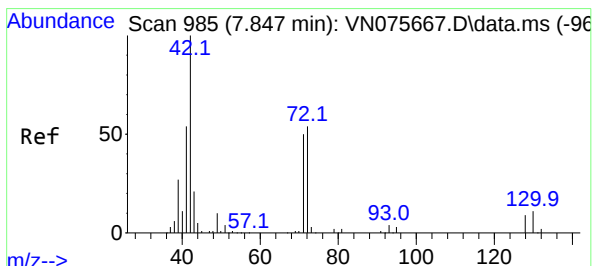
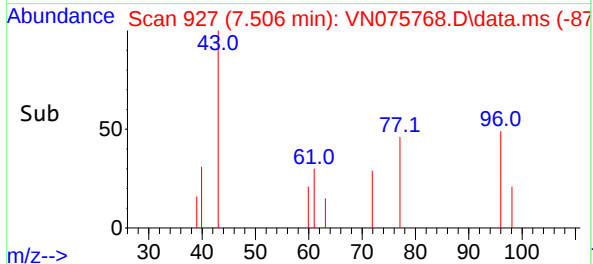
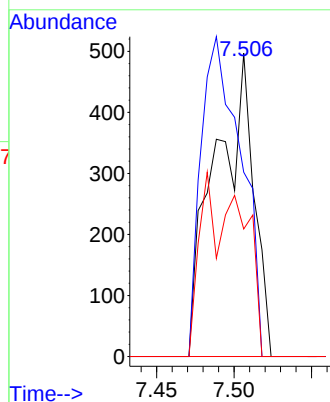
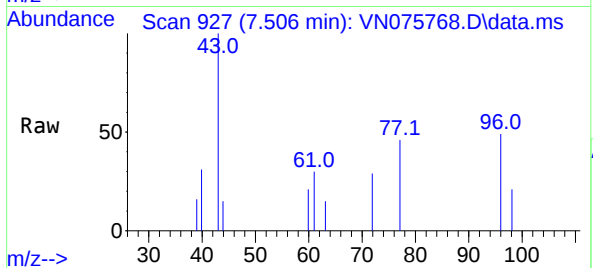




#27
cis-1,2-Dichloroethene
Concen: 0.224 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

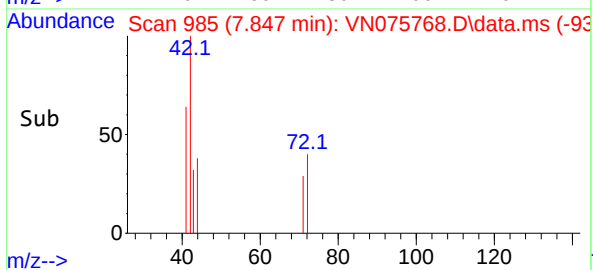
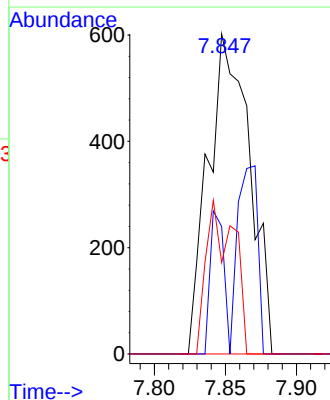
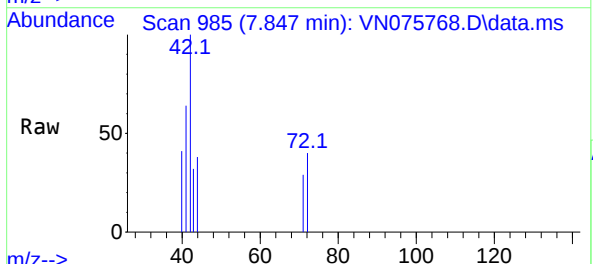
Instrument :
MSVOA_N
ClientSampleId :
IBLK

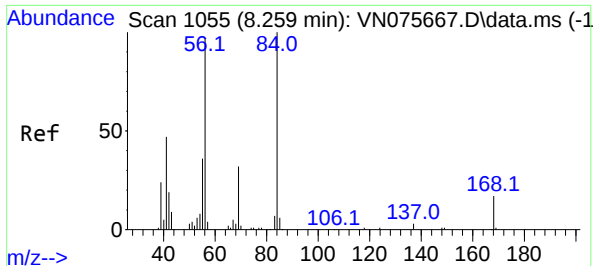
Tgt Ion: 96 Resp: 858
Ion Ratio Lower Upper
96 100
61 0.0 0.0 247.8
98 0.0 0.0 128.4



#29
Tetrahydrofuran
Concen: 1.126 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 42 Resp: 1221
Ion Ratio Lower Upper
42 100
72 14.7 44.5 66.7#
71 31.9 41.0 61.6#

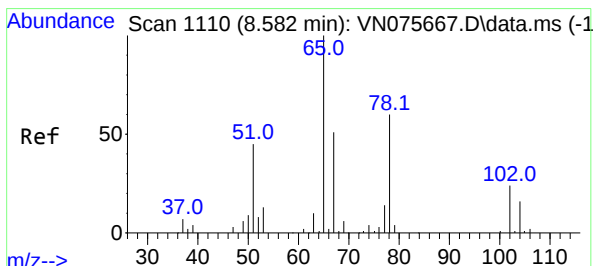
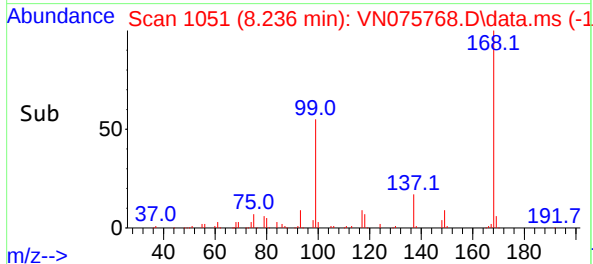
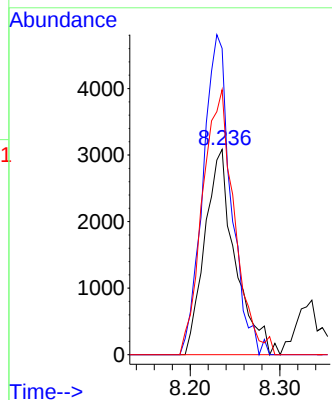
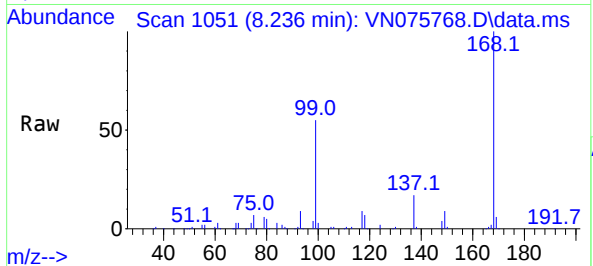




#31
Cyclohexane
Concen: 1.407 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

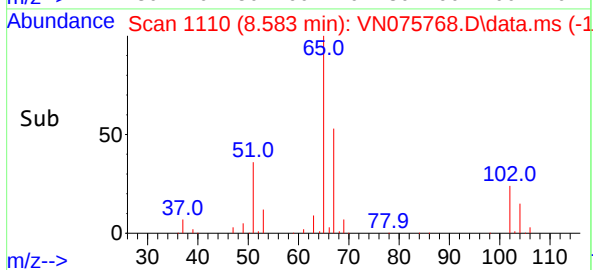
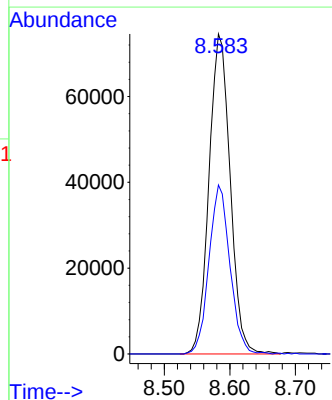
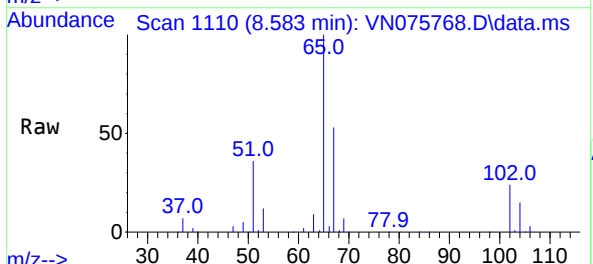
Instrument :
MSVOA_N
ClientSampleId :
IBLK

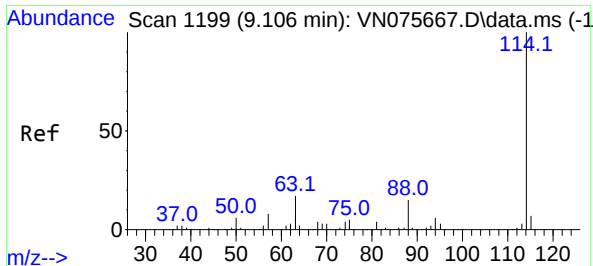
Tgt Ion: 56 Resp: 7228
Ion Ratio Lower Upper
56 100
69 149.2 24.7 37.1#
84 129.1 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 46.611 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 65 Resp: 167137
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4

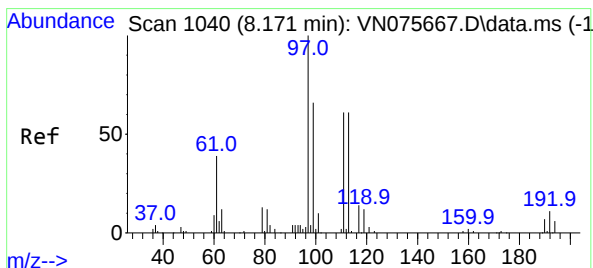
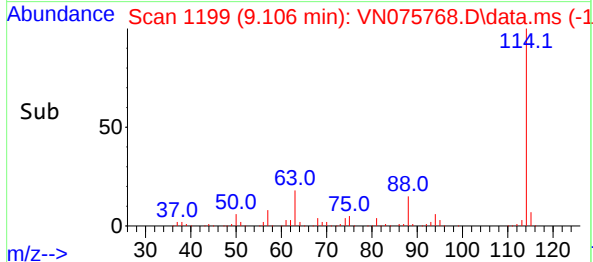
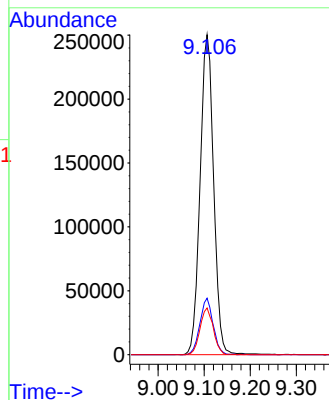
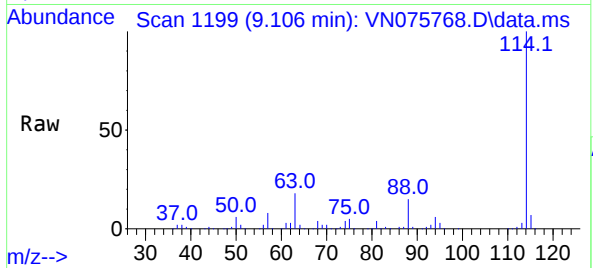




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

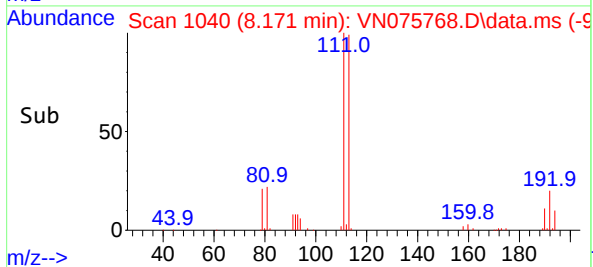
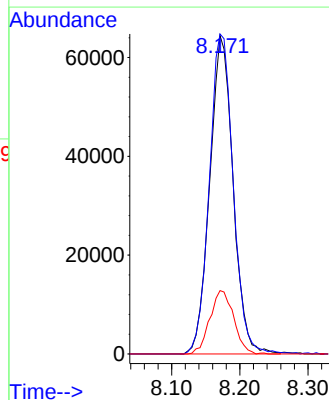
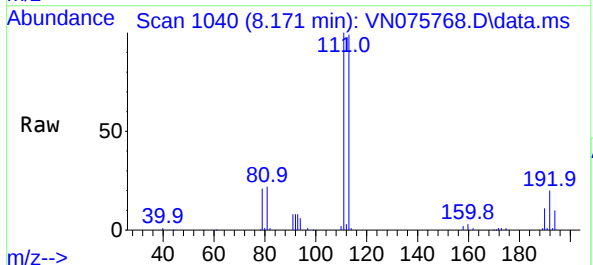
Instrument :
MSVOA_N
ClientSampleId :
IBLK

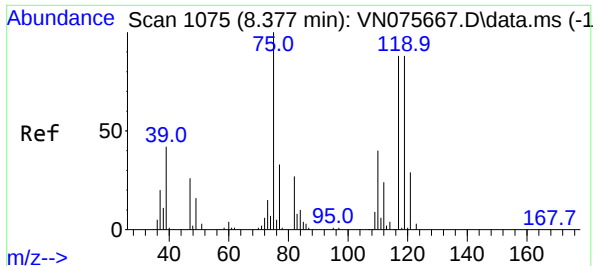
Tgt Ion:114 Resp: 513191
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.4
88 14.6 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.227 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion:113 Resp: 153271
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.2
192 20.3 16.1 24.1

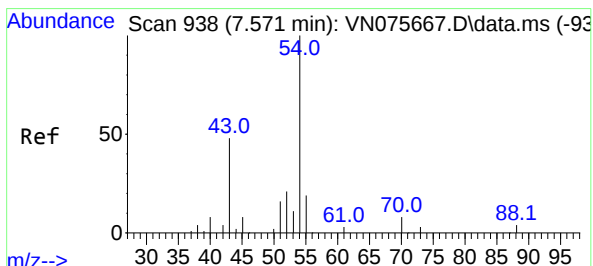
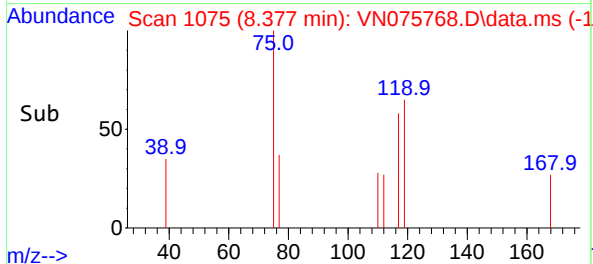
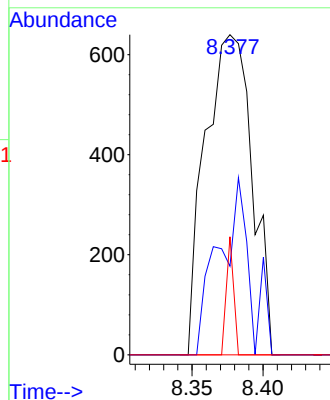
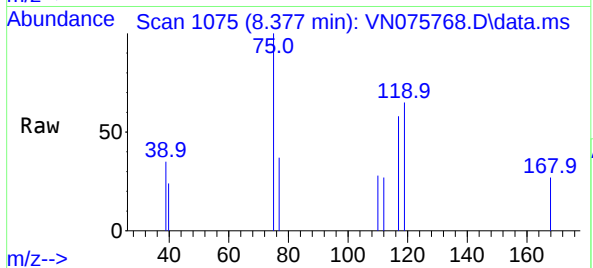




#36
1,1-Dichloropropene
Concen: 0.348 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

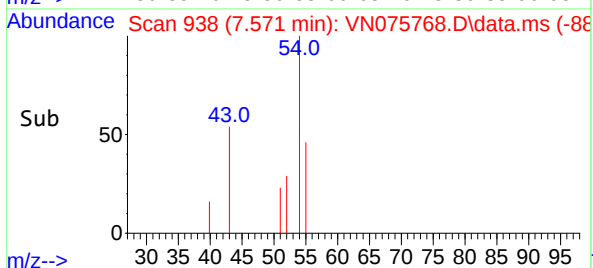
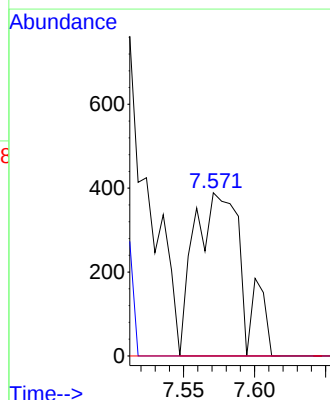
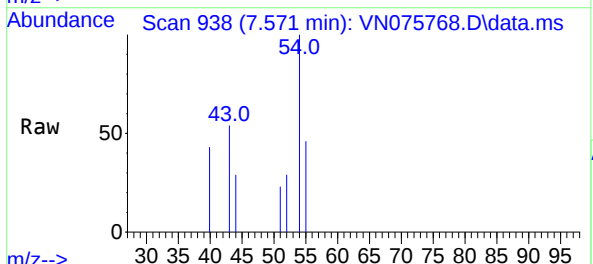
Instrument :
MSVOA_N
ClientSampleId :
IBLK

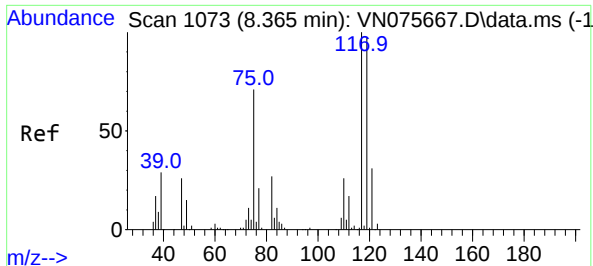
Tgt Ion: 75 Resp: 1470
Ion Ratio Lower Upper
75 100
110 36.9 18.8 56.4
77 5.6 24.1 36.1#



#37
Ethyl Acetate
Concen: 0.274 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.4 14.0#

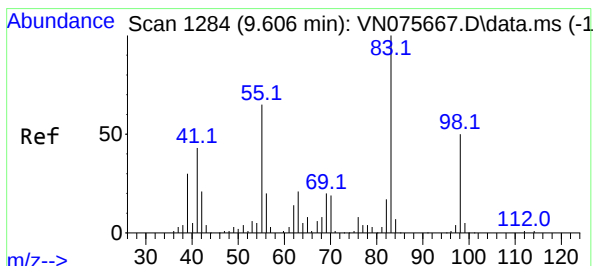
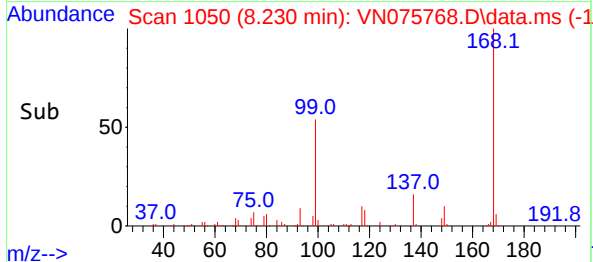
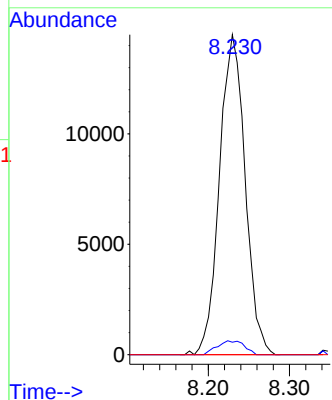
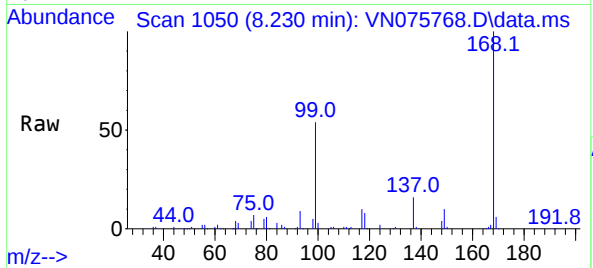




#38
Carbon Tetrachloride
Concen: 6.735 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

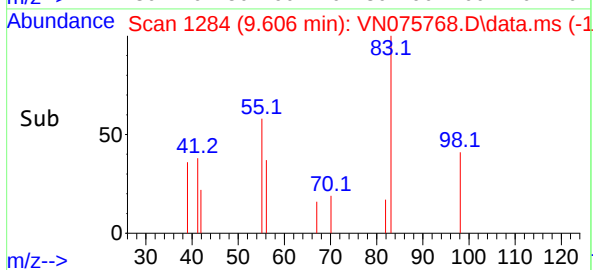
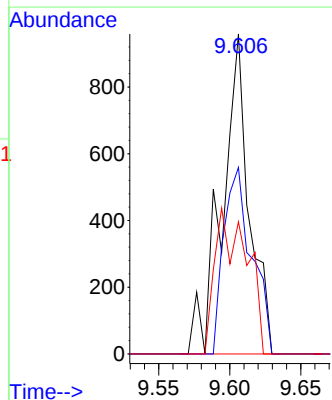
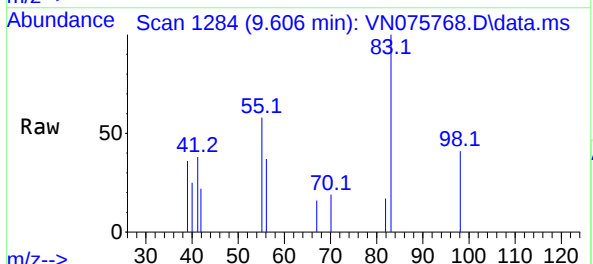
Instrument :
MSVOA_N
ClientSampleId :
IBLK

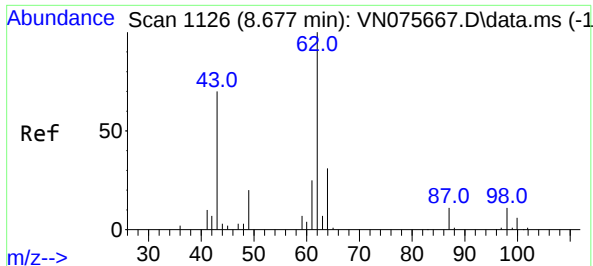
Tgt Ion:117 Resp: 31822
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 0.250 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 83 Resp: 1274
Ion Ratio Lower Upper
83 100
55 58.3 51.4 77.0
98 41.3 39.8 59.8





#42

1,2-Dichloroethane

Concen: 0.235 ug/l

RT: 8.677 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN075768.D

Acq: 14 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

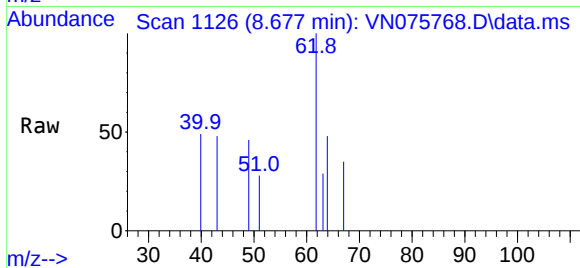
IBLK

Tgt Ion: 62 Resp: 1017

Ion Ratio Lower Upper

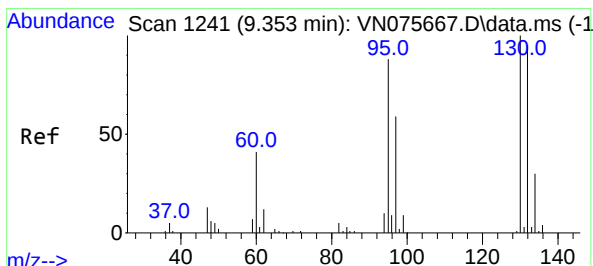
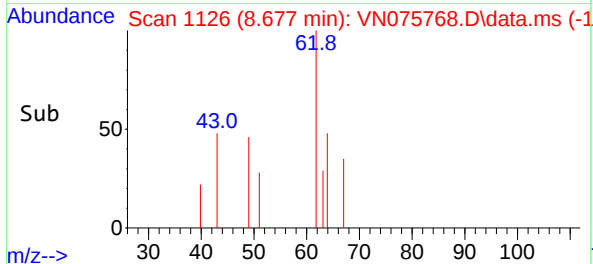
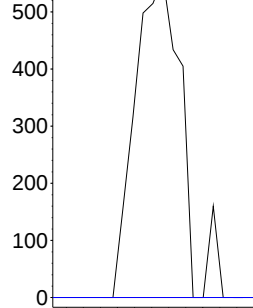
62 100

98 0.0 0.0 20.8



Abundance

8.677



#44

Trichloroethene

Concen: 0.335 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VN075768.D

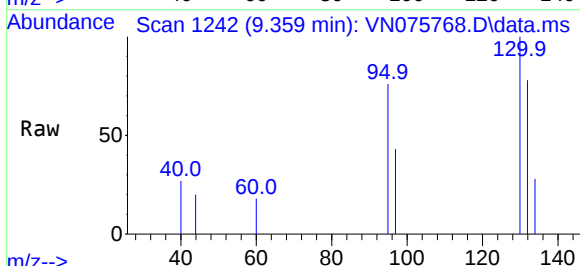
Acq: 14 Dec 2022 12:56

Tgt Ion: 130 Resp: 1228

Ion Ratio Lower Upper

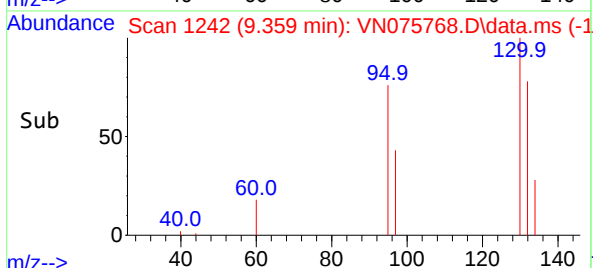
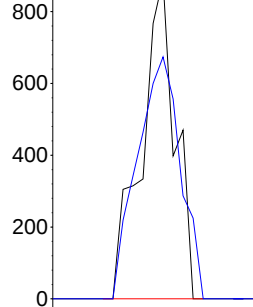
130 100

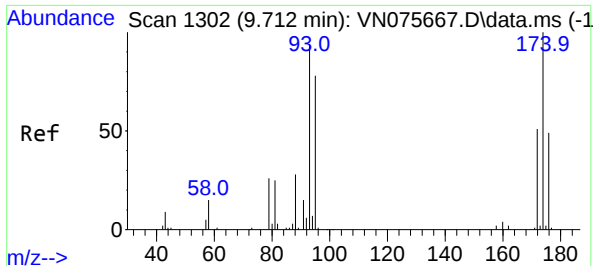
95 75.6 0.0 195.4



Abundance

9.359

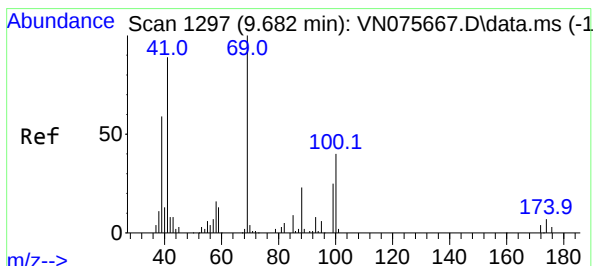
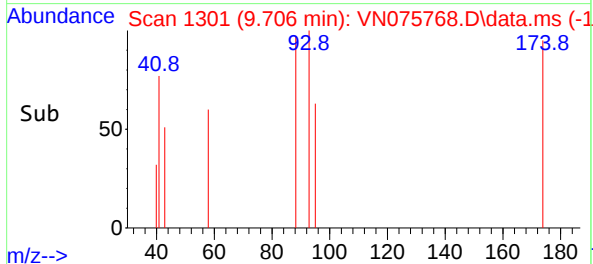
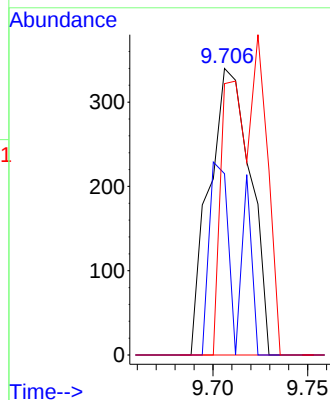
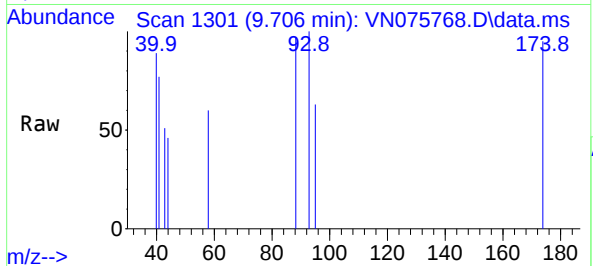




#46
Dibromomethane
Concen: 0.219 ug/l
RT: 9.706 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

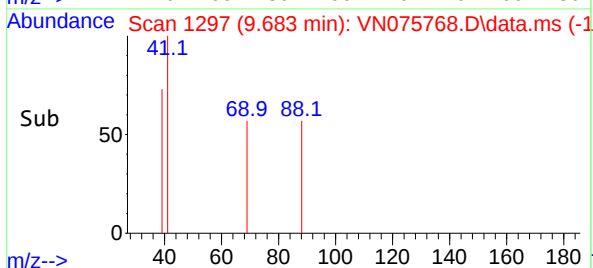
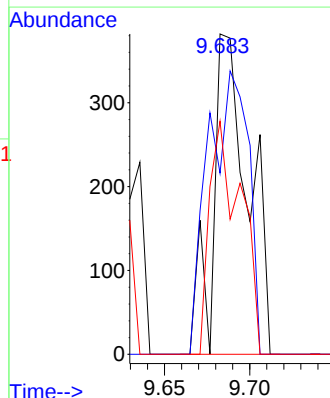
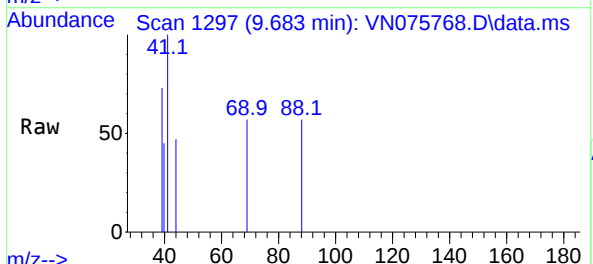
Instrument :
MSVOA_N
ClientSampleId :
IBLK

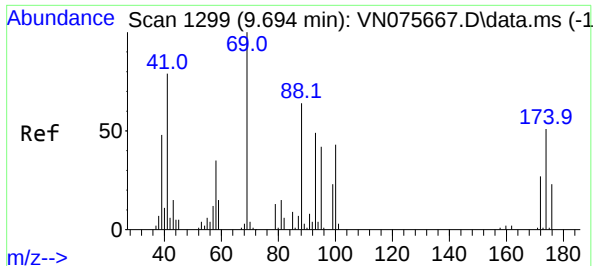
Tgt Ion: 93 Resp: 516
Ion Ratio Lower Upper
93 100
95 45.0 65.2 97.8#
174 0.0 82.4 123.6#



#48
Methyl methacrylate
Concen: 0.218 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 41 Resp: 549
Ion Ratio Lower Upper
41 100
69 100.9 81.9 122.9
39 64.7 51.6 77.4

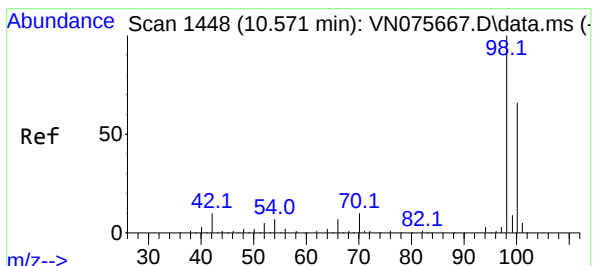
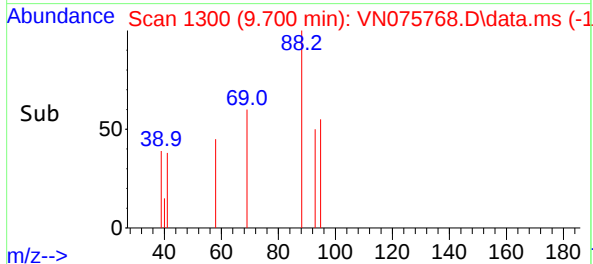
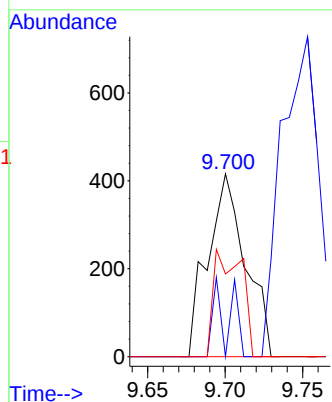
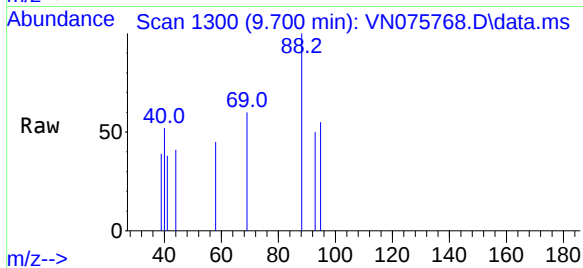




#49
1,4-Dioxane
Concen: 11.414 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

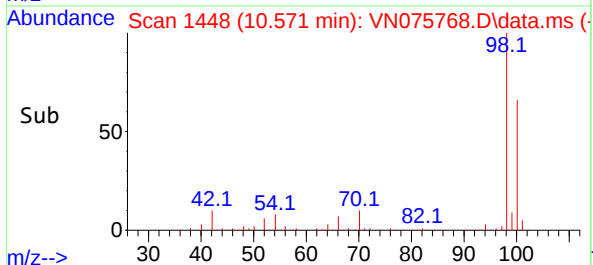
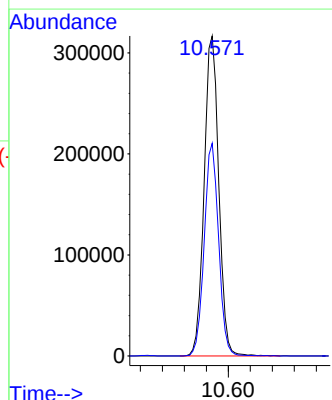
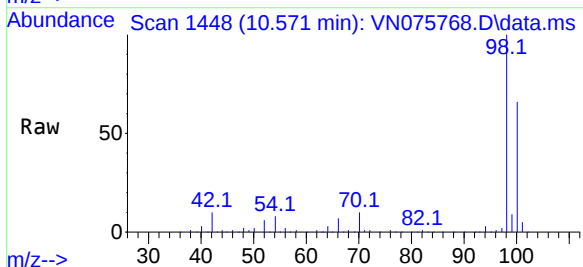
Instrument :
MSVOA_N
ClientSampleId :
IBLK

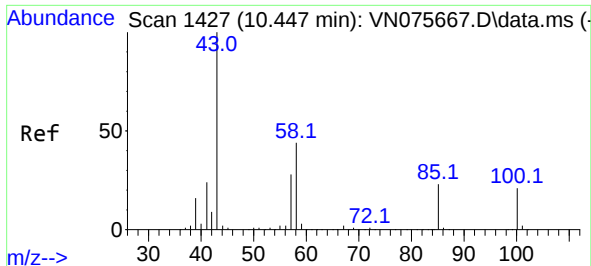
Tgt Ion: 88 Resp: 707
Ion Ratio Lower Upper
88 100
43 17.7 17.1 25.7
58 42.9 47.8 71.8#



#50
Toluene-d8
Concen: 49.176 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 98 Resp: 584340
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

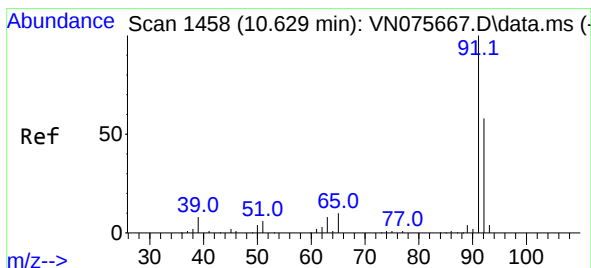
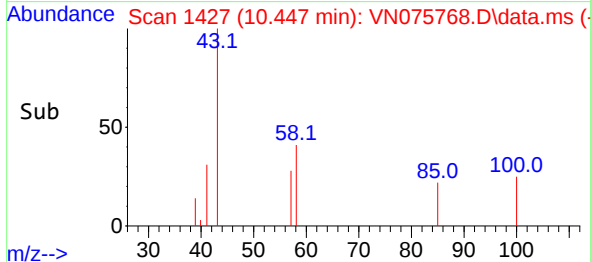
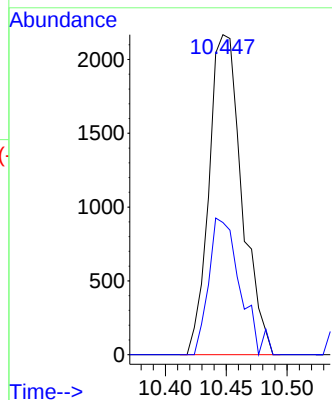
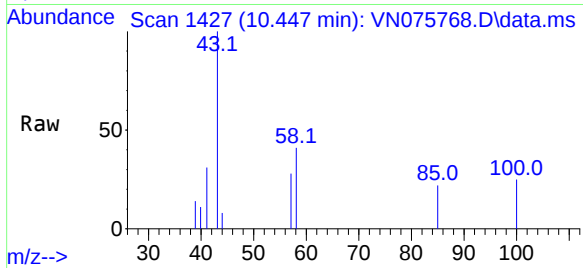




#51
4-Methyl-2-Pentanone
Concen: 1.206 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

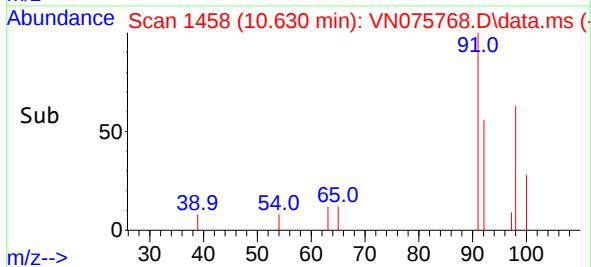
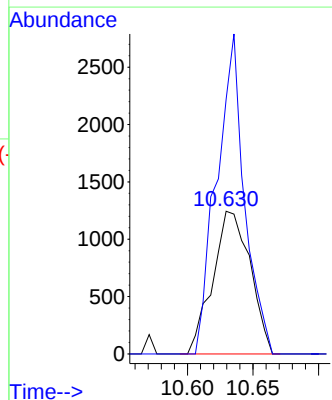
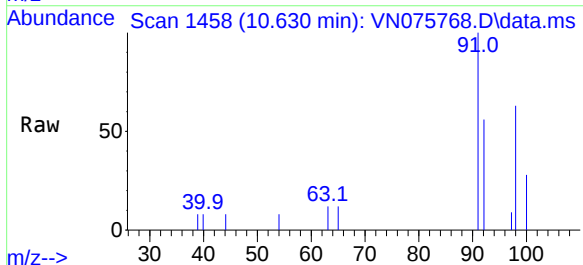
Instrument :
MSVOA_N
ClientSampleId :
IBLK

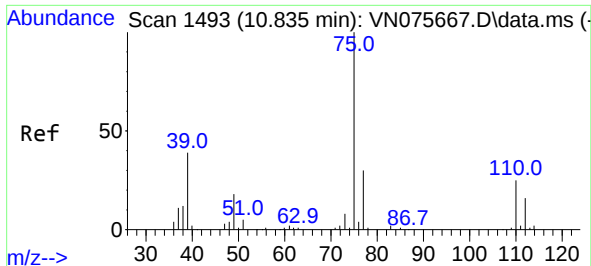
Tgt Ion: 43 Resp: 4081
Ion Ratio Lower Upper
43 100
58 40.6 35.5 53.3



#52
Toluene
Concen: 0.291 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 92 Resp: 2472
Ion Ratio Lower Upper
92 100
91 166.5 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 0.235 ug/l

RT: 10.841 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN075768.D

Acq: 14 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

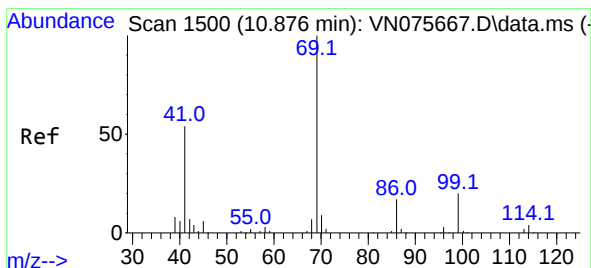
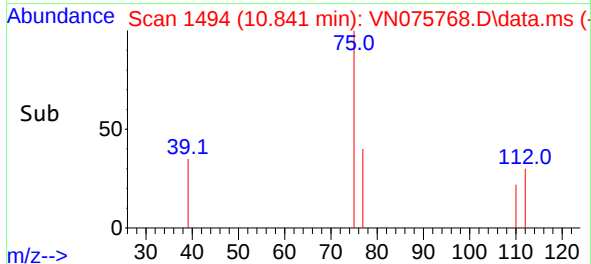
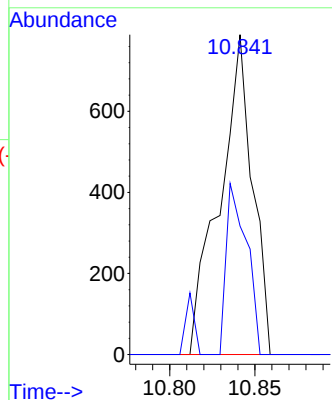
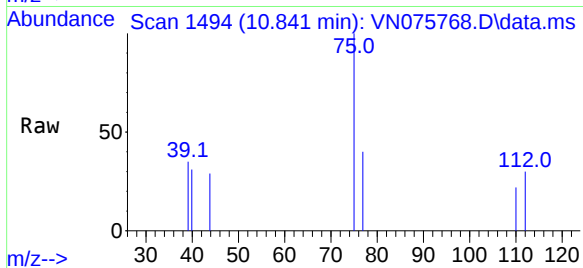
IBLK

Tgt Ion: 75 Resp: 1059

Ion Ratio Lower Upper

75 100

77 40.2 24.9 37.3#



#56

Ethyl methacrylate

Concen: 0.212 ug/l

RT: 10.882 min Scan# 1501

Delta R.T. 0.006 min

Lab File: VN075768.D

Acq: 14 Dec 2022 12:56

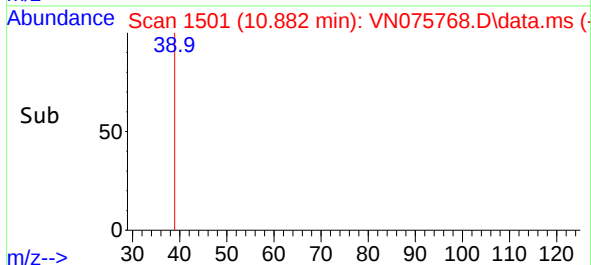
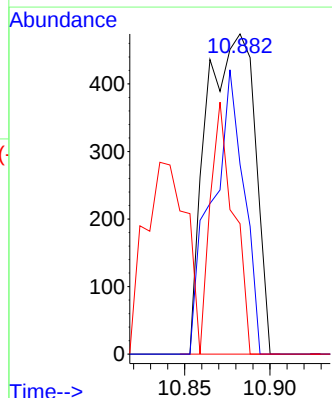
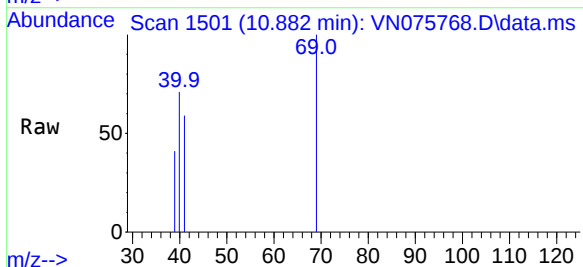
Tgt Ion: 69 Resp: 939

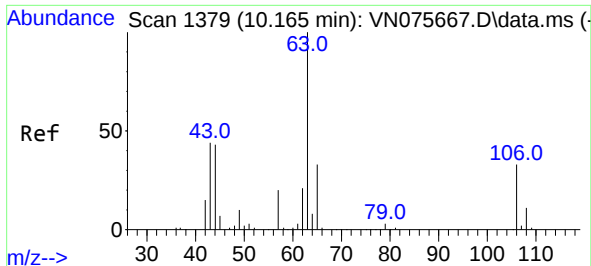
Ion Ratio Lower Upper

69 100

41 58.5 44.2 66.4

39 37.8 26.4 39.6

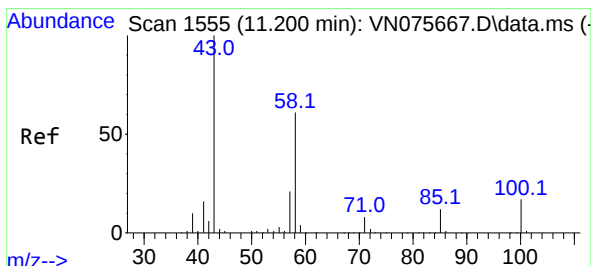
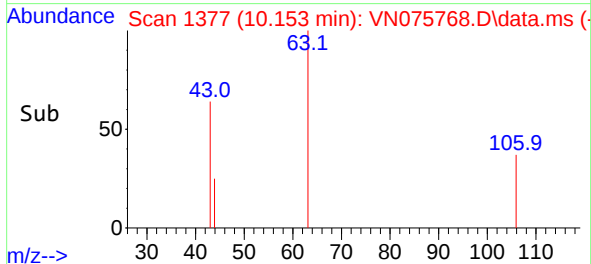
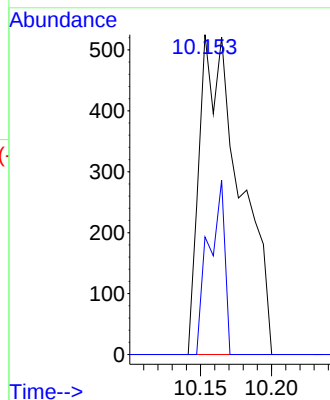
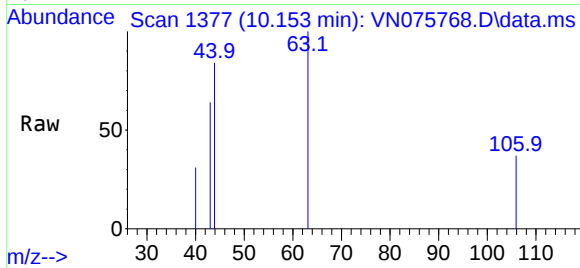




#58
2-Chloroethyl Vinyl ether
Concen: 0.741 ug/l
RT: 10.153 min Scan# 111
Delta R.T. -0.012 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

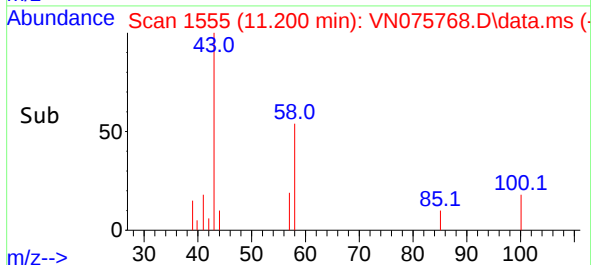
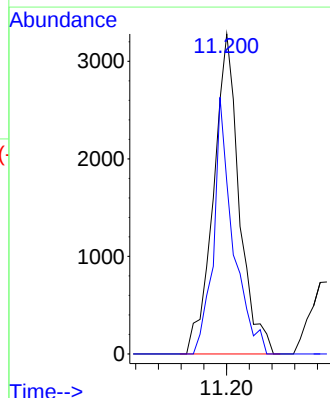
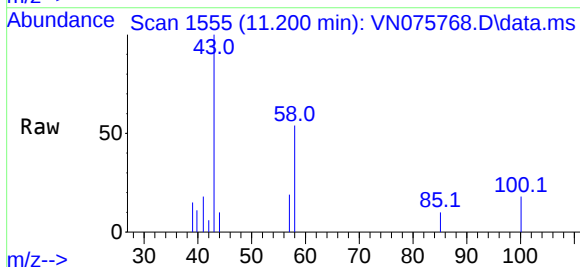
Instrument :
MSVOA_N
ClientSampleId :
IBLK

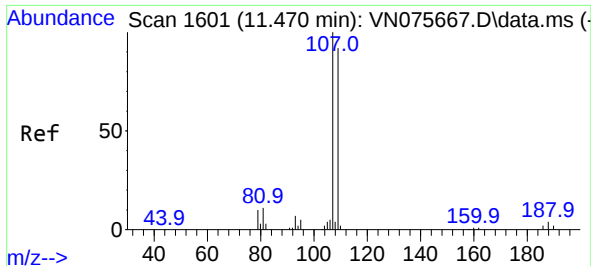
Tgt Ion: 63 Resp: 1043
Ion Ratio Lower Upper
63 100
106 21.7 26.4 39.6#



#59
2-Hexanone
Concen: 2.097 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 43 Resp: 5174
Ion Ratio Lower Upper
43 100
58 60.2 30.6 92.0

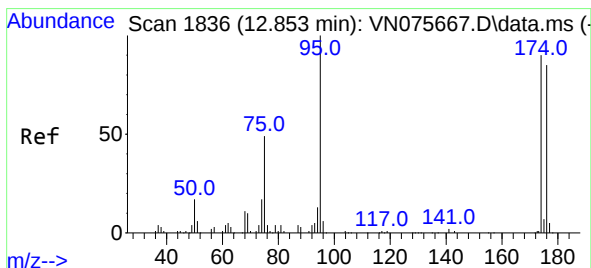
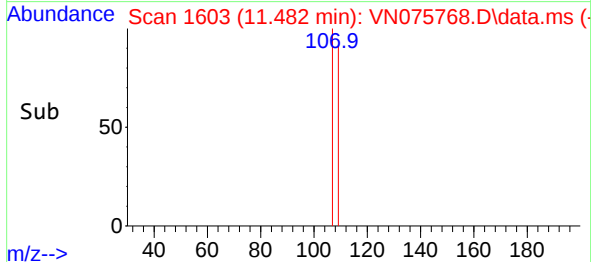
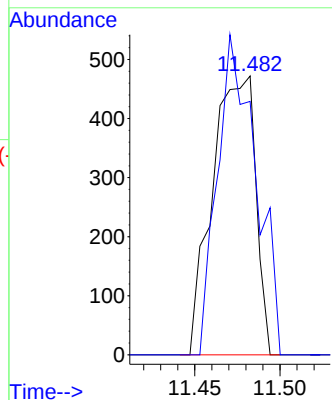
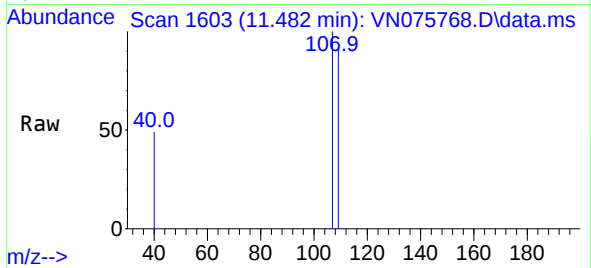




#61
1,2-Dibromoethane
Concen: 0.247 ug/l
RT: 11.482 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

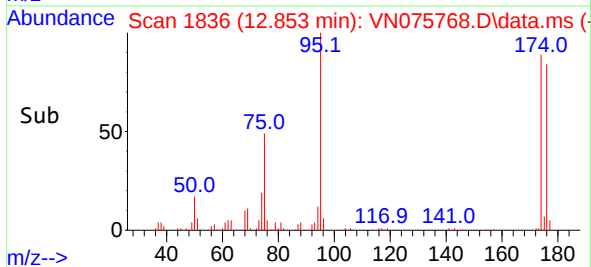
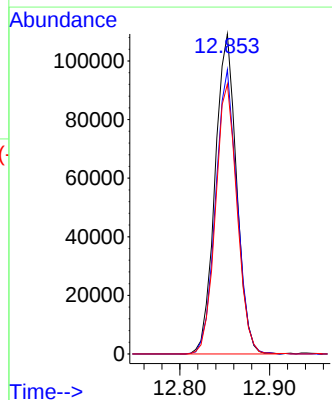
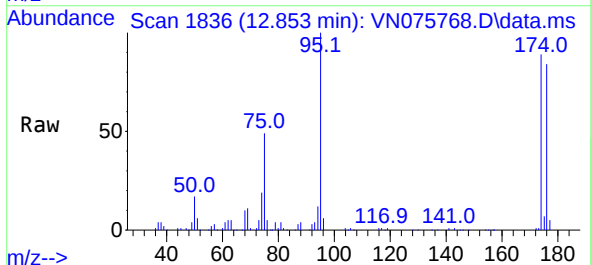
Instrument :
MSVOA_N
ClientSampleId :
IBLK

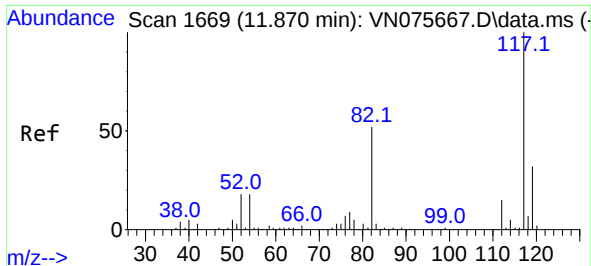
Tgt Ion:107 Resp: 832
Ion Ratio Lower Upper
107 100
109 101.6 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 46.086 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 95 Resp: 181379
Ion Ratio Lower Upper
95 100
174 88.7 0.0 171.6
176 84.5 0.0 169.2

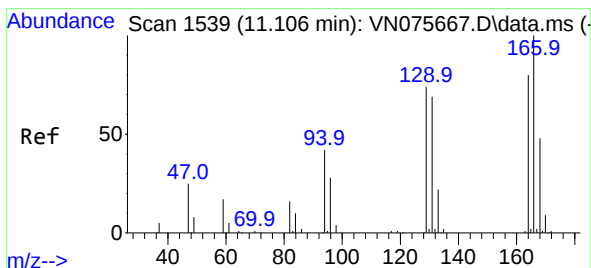
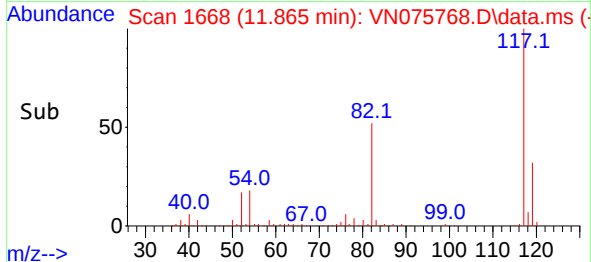
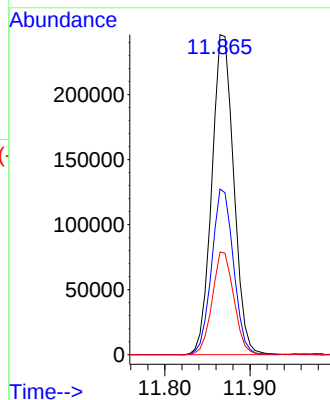
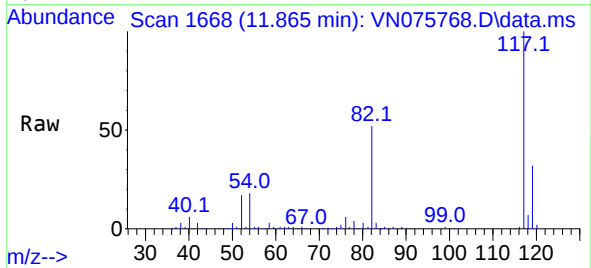




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

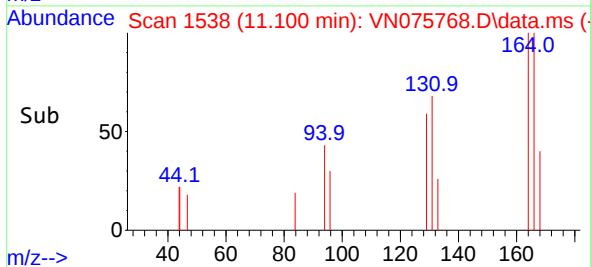
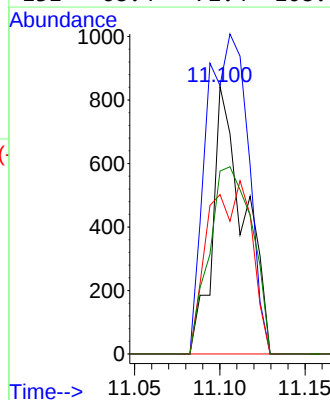
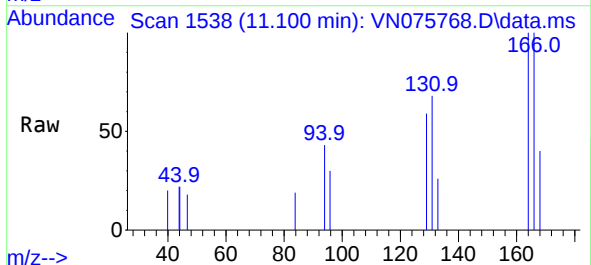
Instrument :
MSVOA_N
ClientSampleId :
IBLK

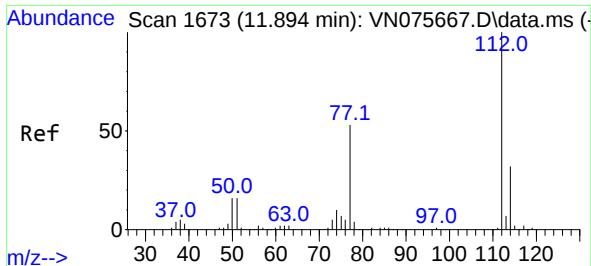
Tgt Ion:117 Resp: 440522
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 32.1 24.6 37.0



#64
Tetrachloroethene
Concen: 0.351 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion:164 Resp: 1089
Ion Ratio Lower Upper
164 100
166 100.5 101.9 152.9#
129 59.6 74.2 111.2#
131 68.4 72.4 108.6#

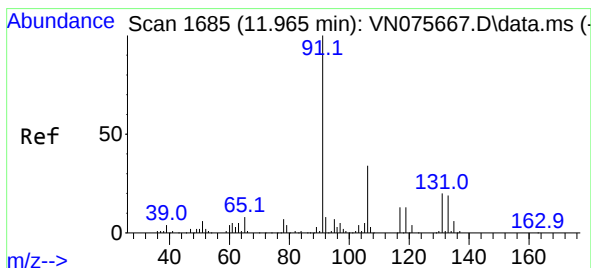
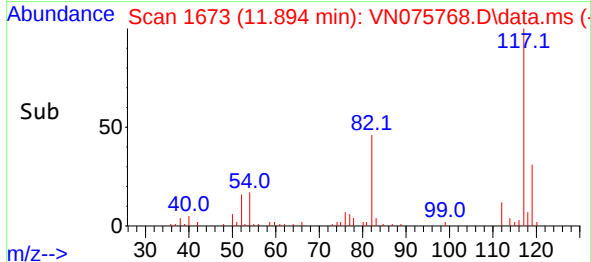
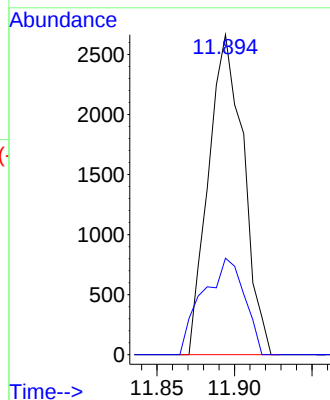
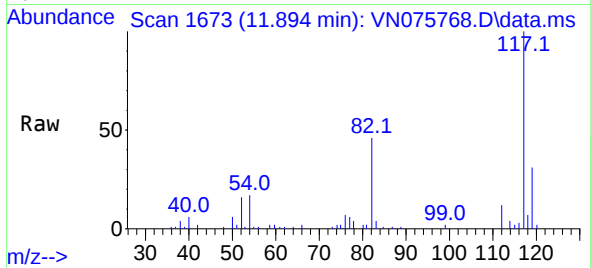




#65
Chlorobenzene
Concen: 0.463 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

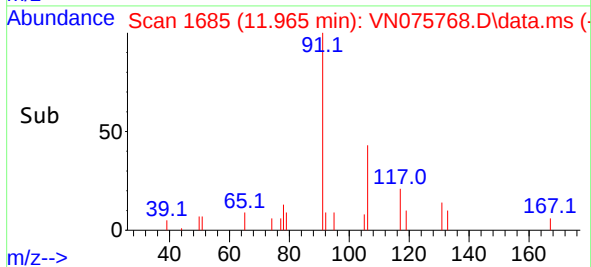
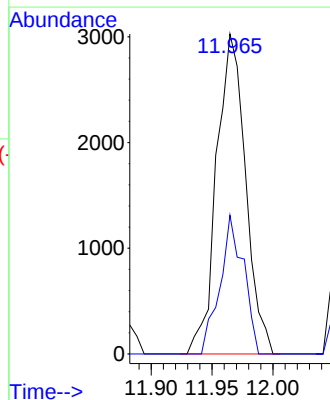
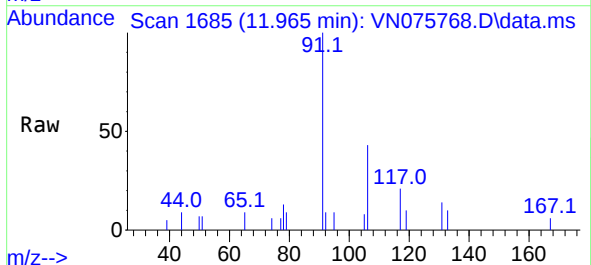
Instrument :
MSVOA_N
ClientSampleId :
IBLK

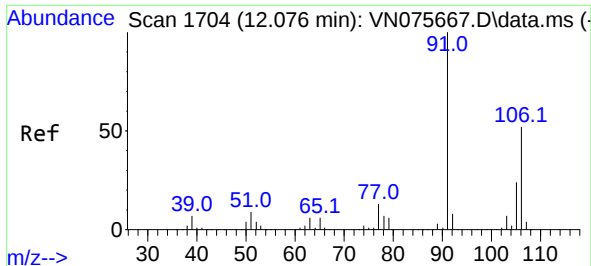
Tgt Ion:112 Resp: 4187
Ion Ratio Lower Upper
112 100
114 30.1 24.7 37.1



#67
Ethyl Benzene
Concen: 0.329 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 91 Resp: 5023
Ion Ratio Lower Upper
91 100
106 43.3 25.7 38.5#

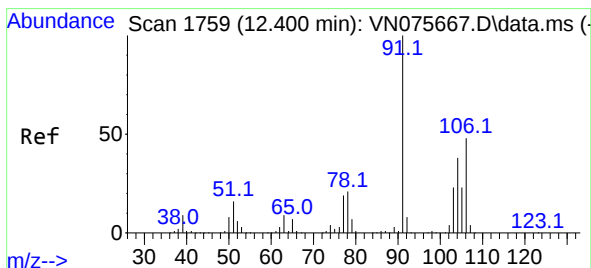
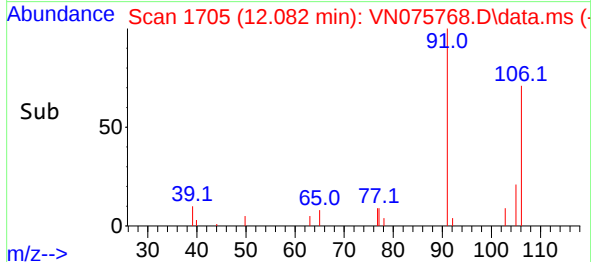
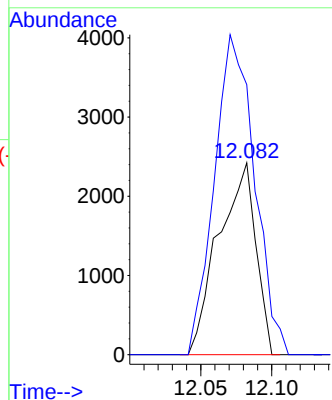
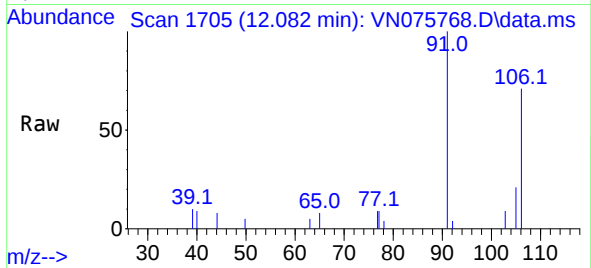




#68
m/p-Xylenes
Concen: 0.729 ug/l
RT: 12.082 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

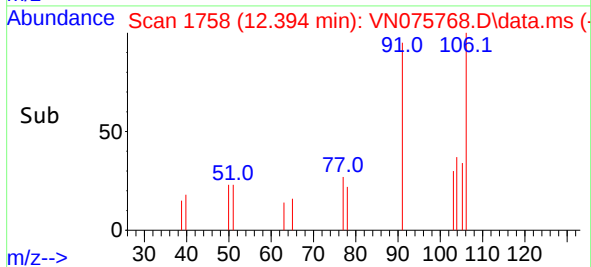
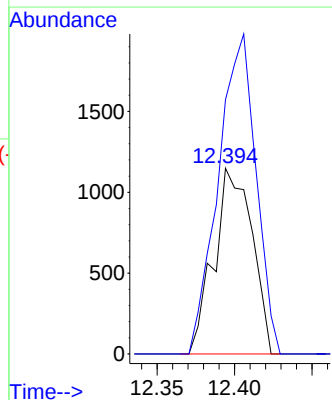
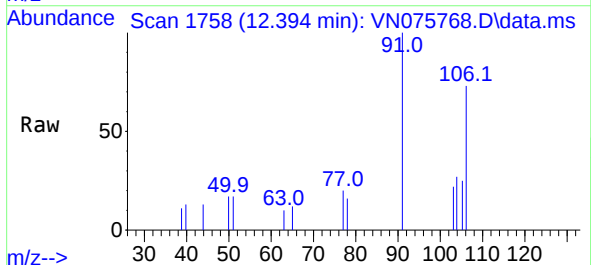
Instrument :
MSVOA_N
ClientSampleId :
IBLK

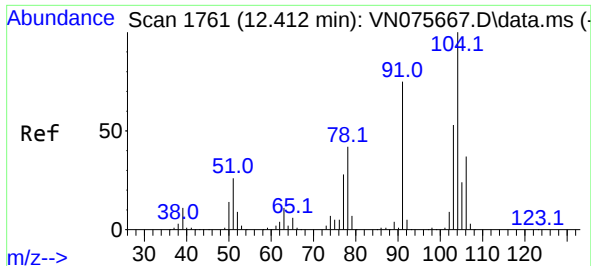
Tgt Ion:106 Resp: 4404
Ion Ratio Lower Upper
106 100
91 180.4 156.6 235.0



#69
o-Xylene
Concen: 0.328 ug/l
RT: 12.394 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion:106 Resp: 1960
Ion Ratio Lower Upper
106 100
91 170.8 103.8 311.6

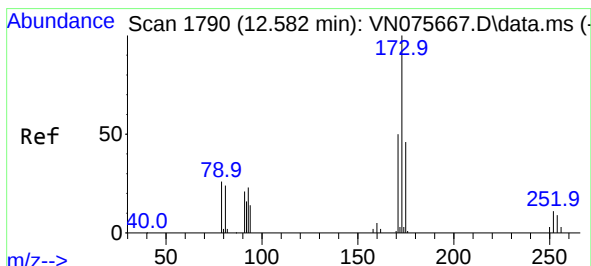
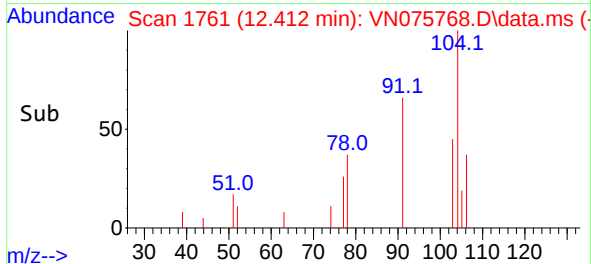
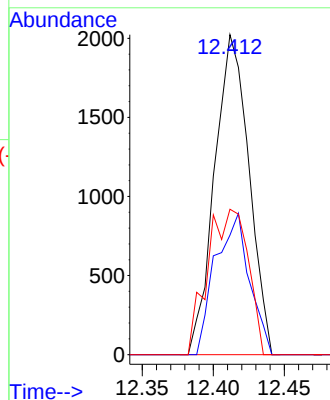
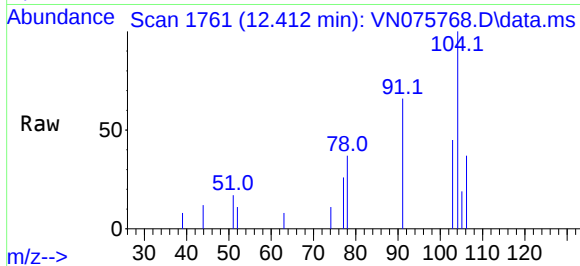




#70
Styrene
Concen: 0.358 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

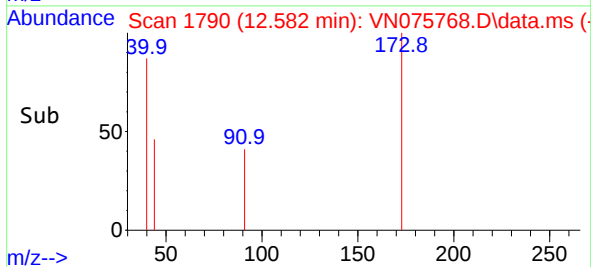
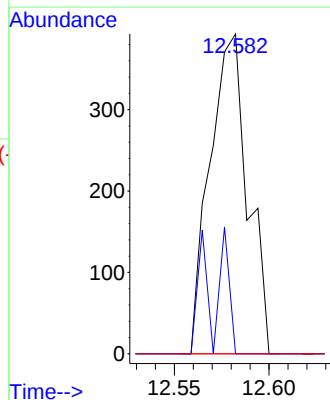
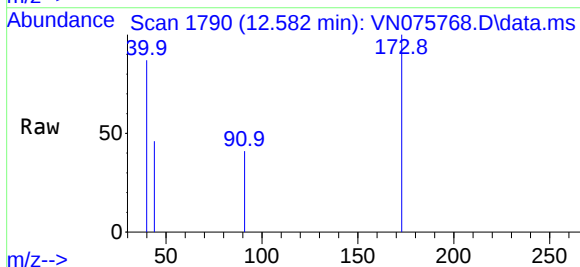
Instrument :
MSVOA_N
ClientSampleId :
IBLK

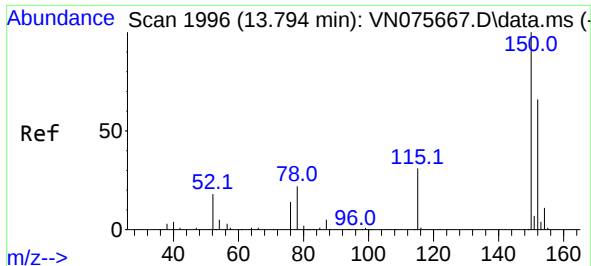
Tgt Ion:104 Resp: 3404
Ion Ratio Lower Upper
104 100
78 43.7 37.5 56.3
103 53.6 43.5 65.3



#71
Bromoform
Concen: 0.224 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion:173 Resp: 546
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
254 0.0 0.0 0.0

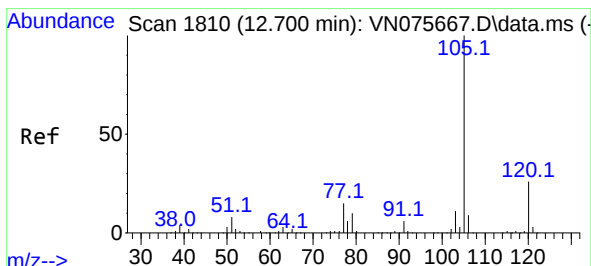
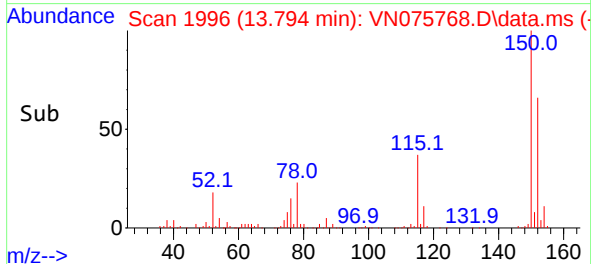
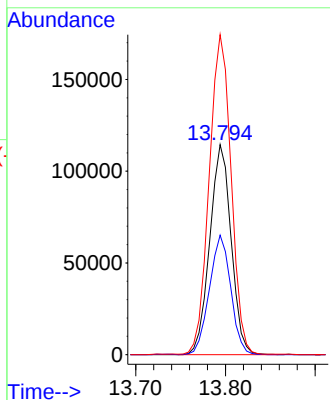
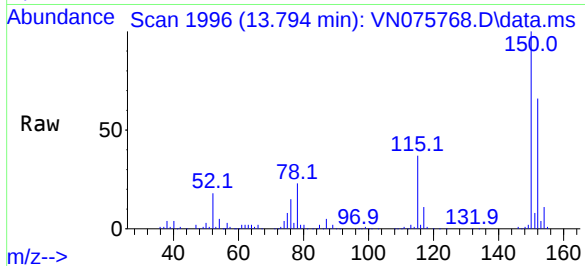




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

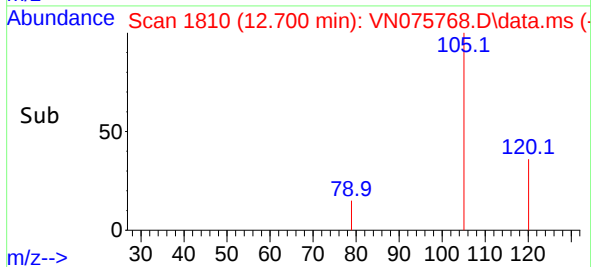
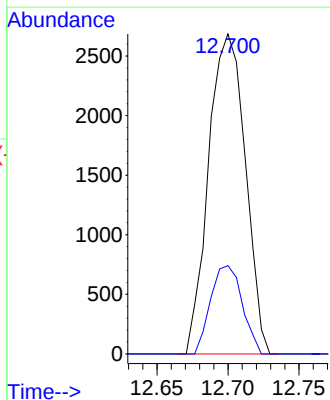
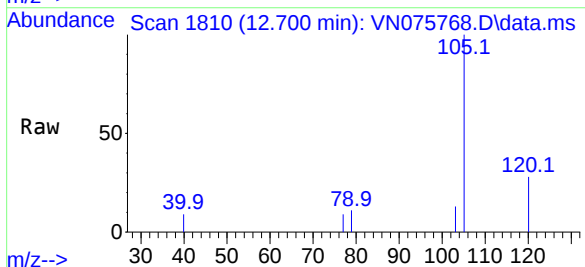
Instrument :
MSVOA_N
ClientSampleId :
IBLK

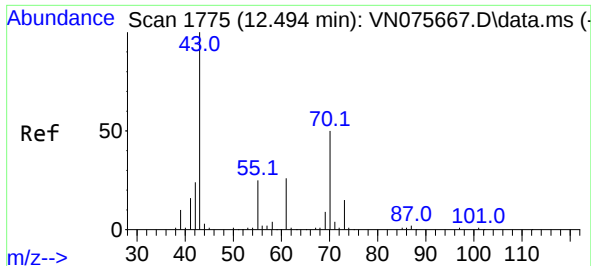
Tgt Ion:152 Resp: 189590
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.4
150 156.3 0.0 347.0



#73
Isopropylbenzene
Concen: 0.352 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion:105 Resp: 4827
Ion Ratio Lower Upper
105 100
120 23.8 13.4 40.2

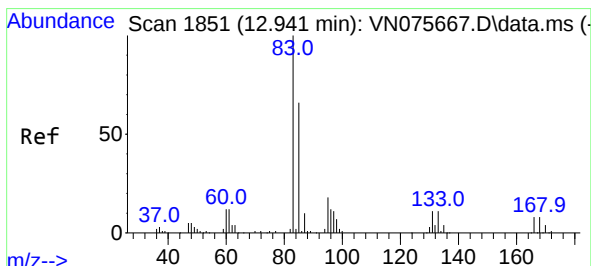
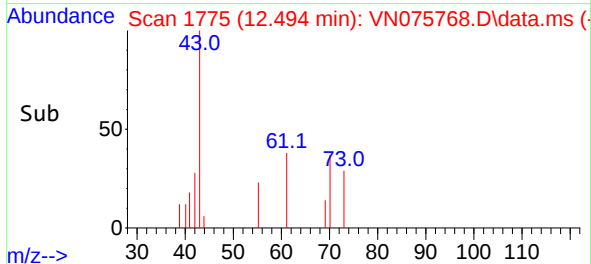
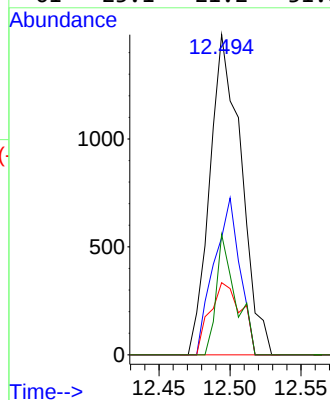
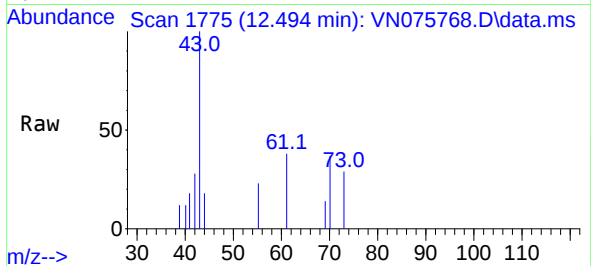




#74
N-amy1 acetate
Concen: 0.568 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

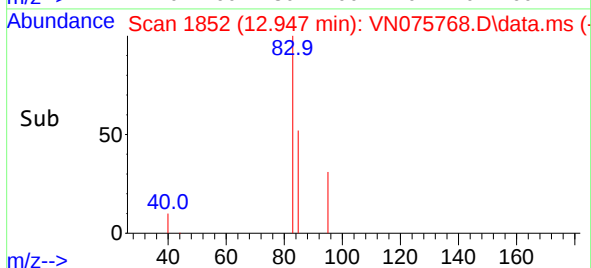
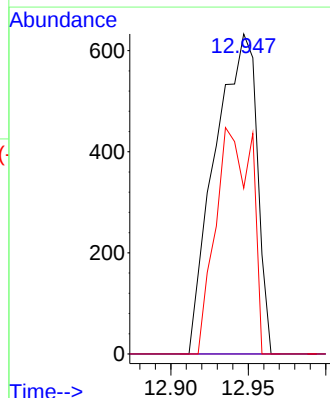
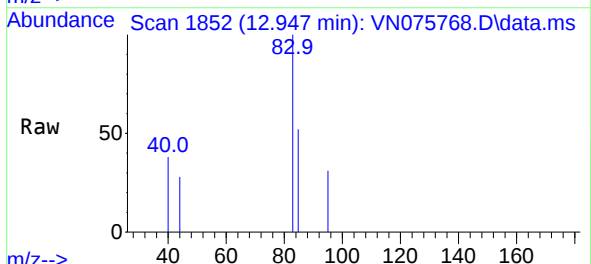
Instrument :
MSVOA_N
ClientSampleId :
IBLK

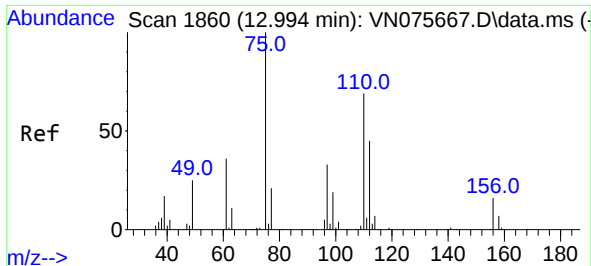
Tgt Ion: 43	Resp: 2283
Ion Ratio	Lower Upper
43 100	
70 40.2	41.4 62.0#
55 22.5	21.3 31.9
61 23.1	21.2 31.8



#75
1,1,2,2-Tetrachloroethane
Concen: 0.281 ug/l
RT: 12.947 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 83	Resp:	1190	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.6	16.8#	
85 60.7	32.6	98.0	

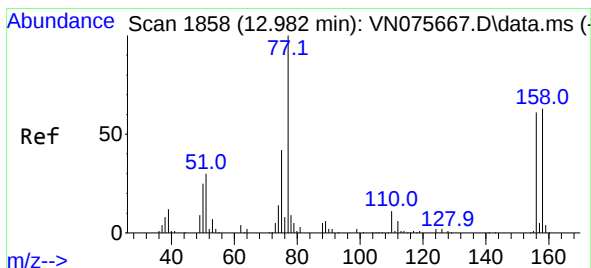
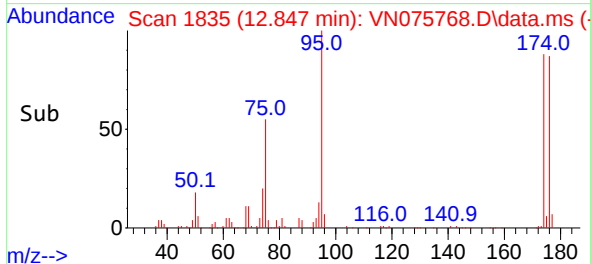
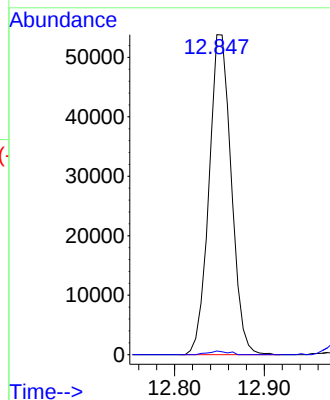
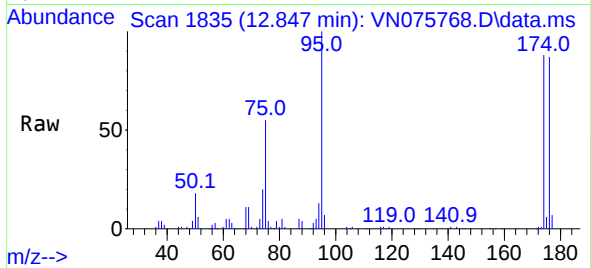




#76
1,2,3-Trichloropropane
Concen: 24.277 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

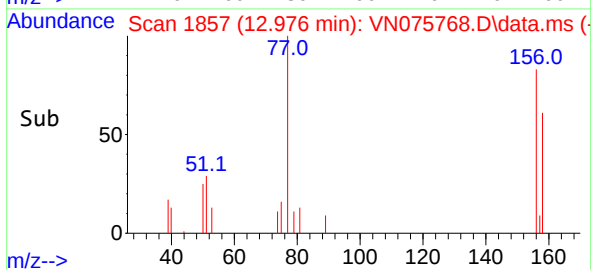
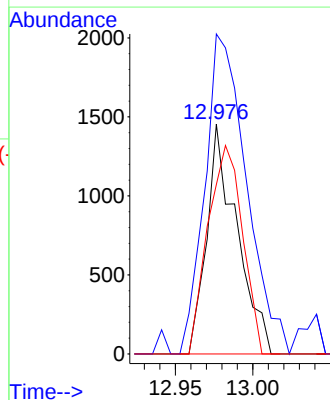
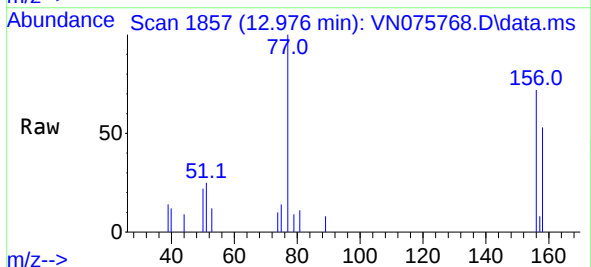
Instrument :
MSVOA_N
ClientSampleId :
IBLK

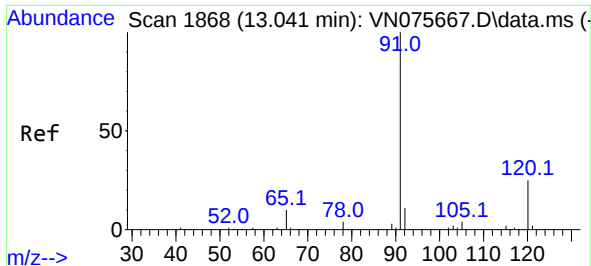
Tgt Ion: 75 Resp: 92780
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#77
Bromobenzene
Concen: 0.564 ug/l
RT: 12.976 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion:156 Resp: 1956
Ion Ratio Lower Upper
156 100
77 193.4 93.8 281.3
158 104.4 48.9 146.6

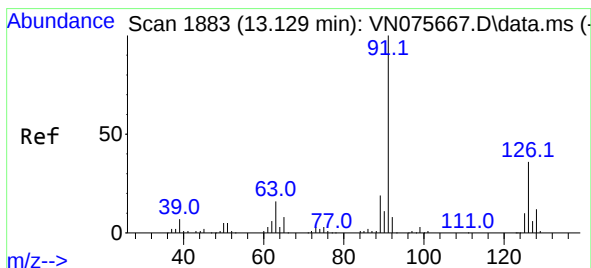
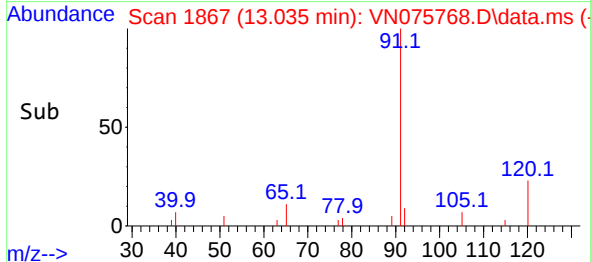
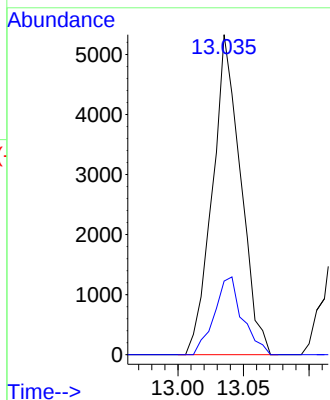
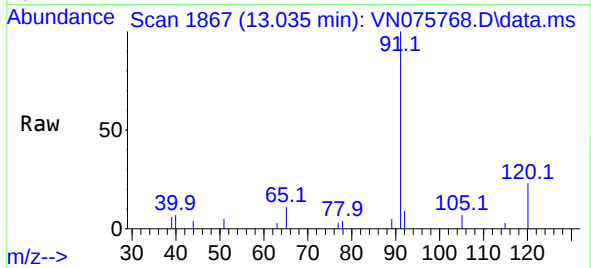




#78
n-propylbenzene
Concen: 0.528 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

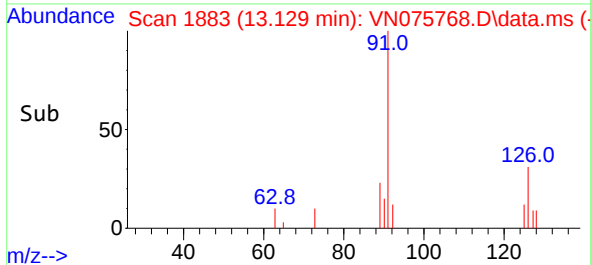
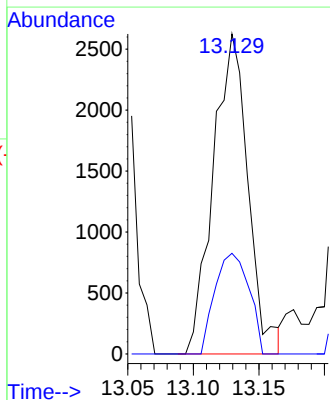
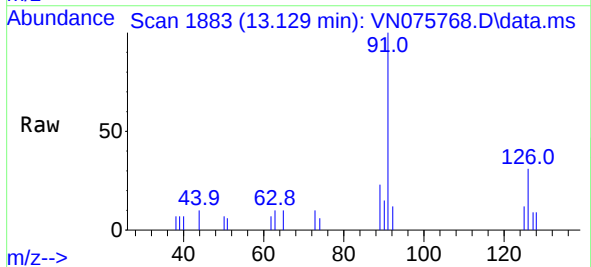
Instrument :
MSVOA_N
ClientSampleId :
IBLK

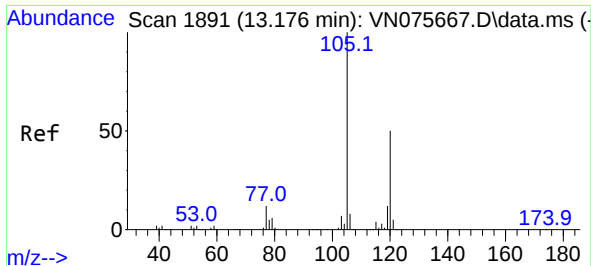
Tgt Ion: 91 Resp: 7976
Ion Ratio Lower Upper
91 100
120 24.2 12.0 36.1



#79
2-Chlorotoluene
Concen: 0.513 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 91 Resp: 4840
Ion Ratio Lower Upper
91 100
126 30.8 17.5 52.5

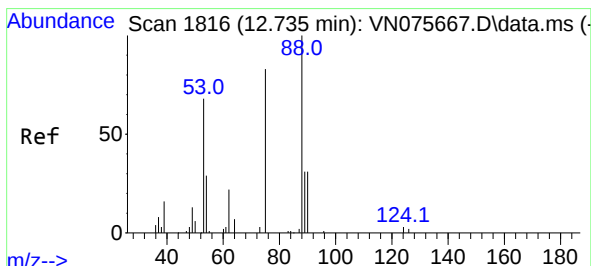
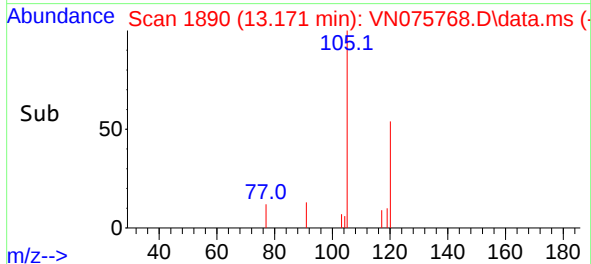
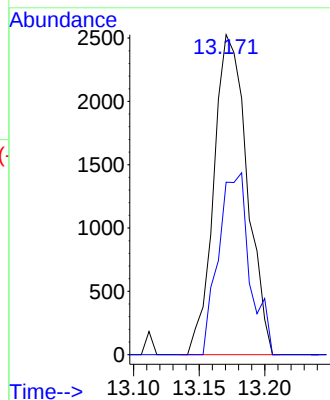
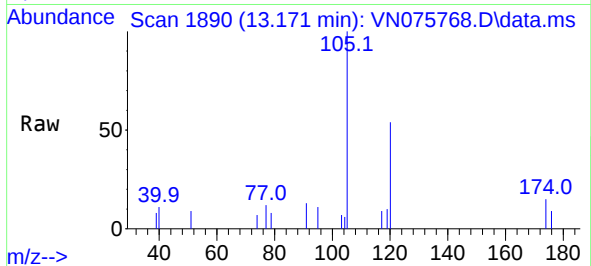




#80
1,3,5-Trimethylbenzene
Concen: 0.389 ug/l
RT: 13.171 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

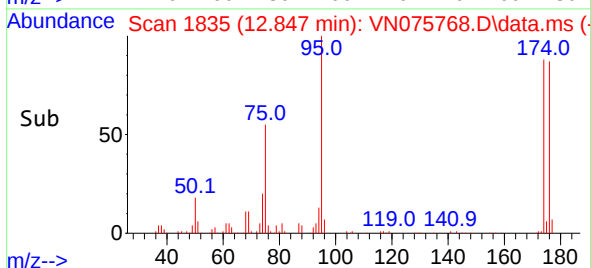
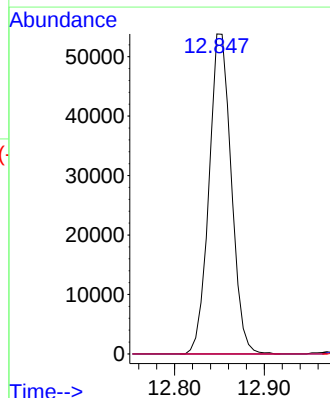
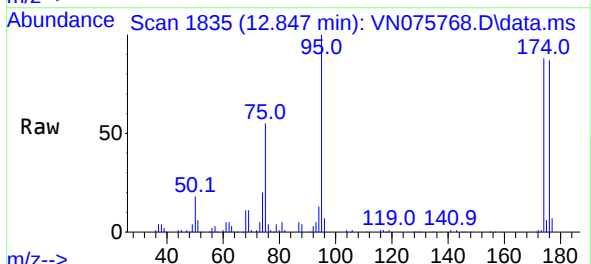
Instrument :
MSVOA_N
ClientSampleId :
IBLK

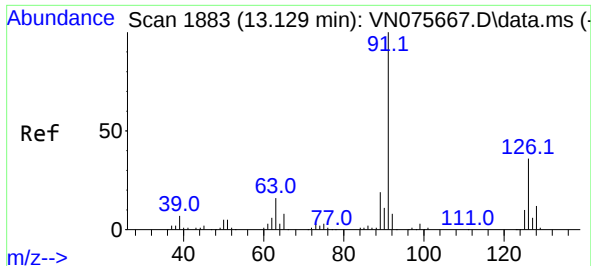
Tgt Ion:105 Resp: 4466
Ion Ratio Lower Upper
105 100
120 53.4 24.7 74.1



#81
trans-1,4-Dichloro-2-butene
Concen: 87.386 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 75 Resp: 92780
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#

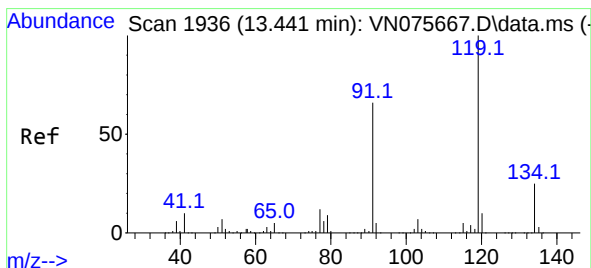
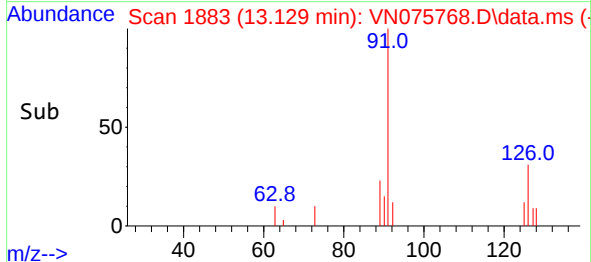
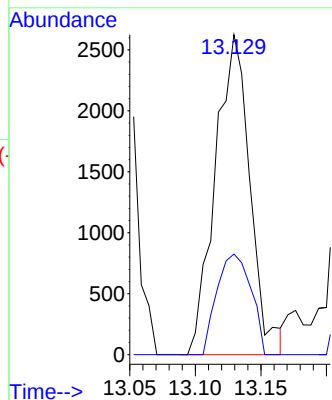
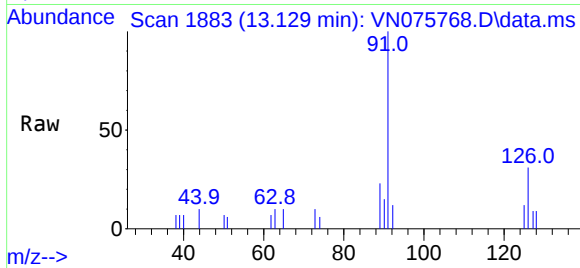




#82
4-Chlorotoluene
Concen: 0.513 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

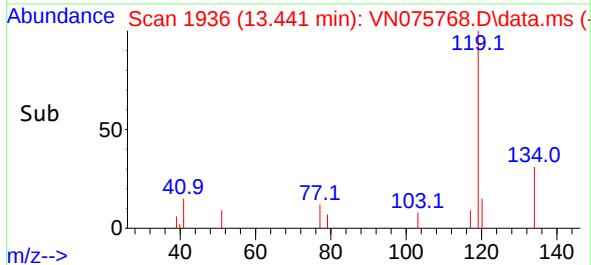
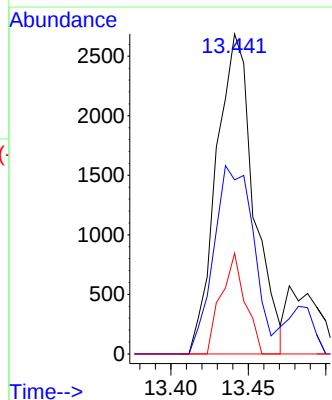
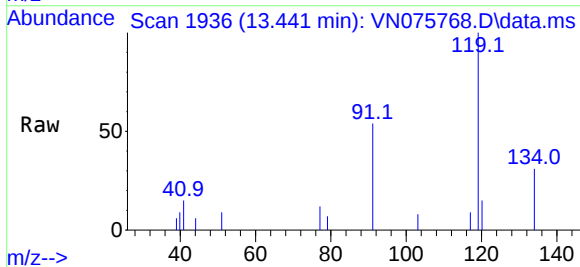
Instrument : MSVOA_N
ClientSampleId : IBLK

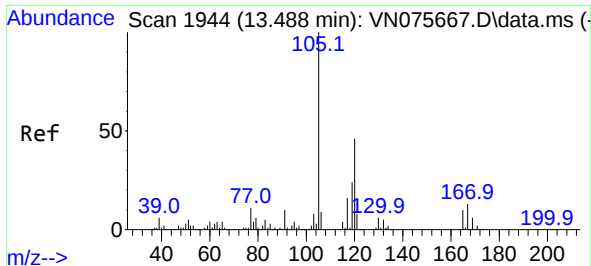
Tgt Ion: 91 Resp: 4840
Ion Ratio Lower Upper
91 100
126 30.8 17.5 52.5



#83
tert-Butylbenzene
Concen: 0.447 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 119 Resp: 4519
Ion Ratio Lower Upper
119 100
91 61.8 31.9 95.5
134 20.1 13.8 41.4

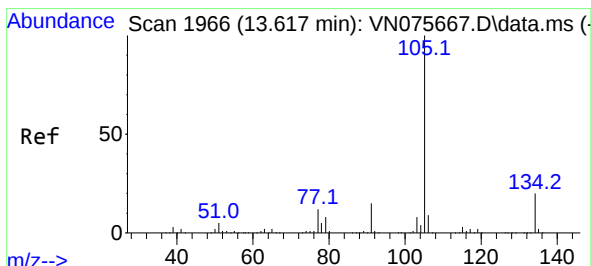
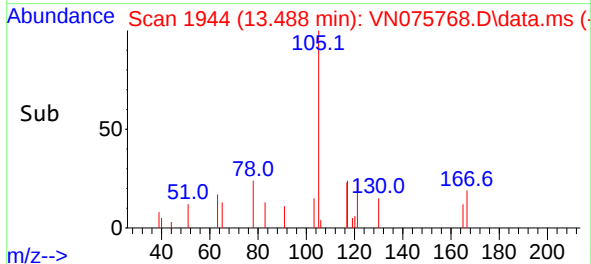
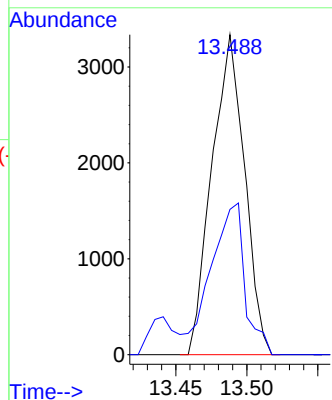
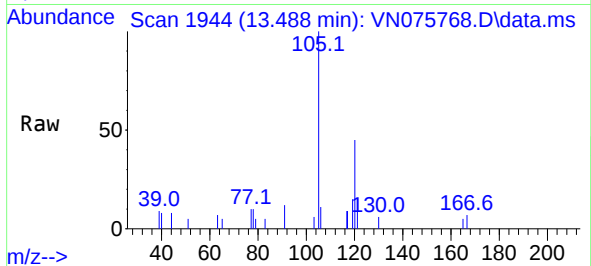




#84
1,2,4-Trimethylbenzene
Concen: 0.470 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

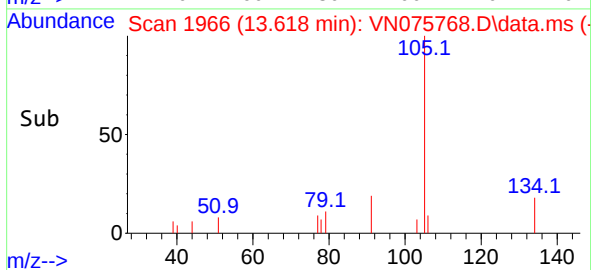
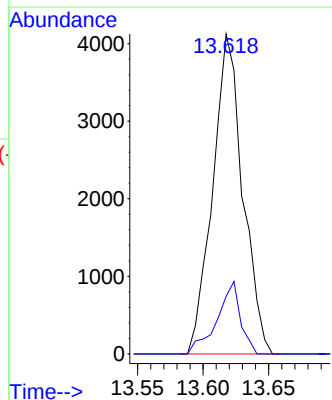
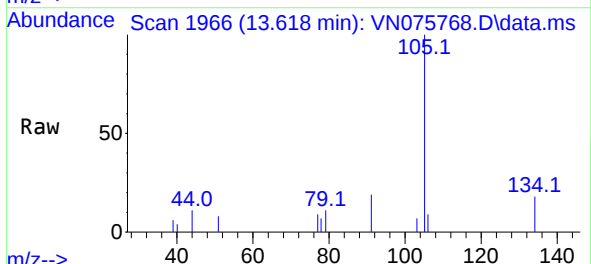
Instrument :
MSVOA_N
ClientSampleId :
IBLK

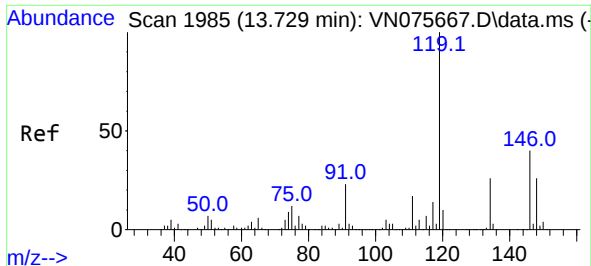
Tgt Ion:105 Resp: 5343
Ion Ratio Lower Upper
105 100
120 49.5 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.470 ug/l
RT: 13.618 min Scan# 1966
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion:105 Resp: 6561
Ion Ratio Lower Upper
105 100
134 17.6 10.1 30.1

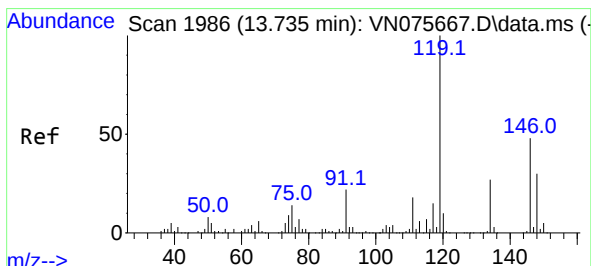
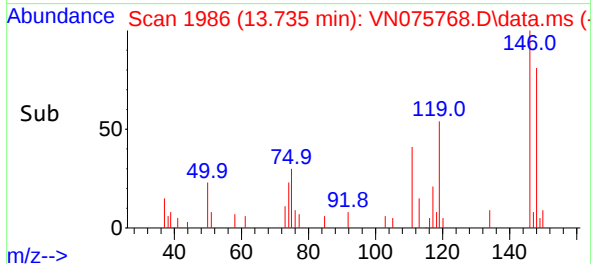
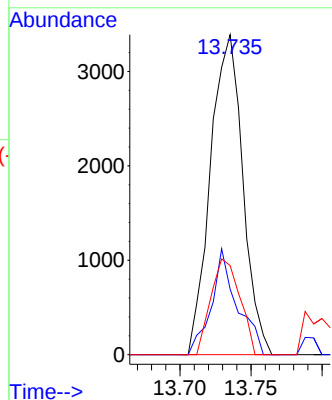
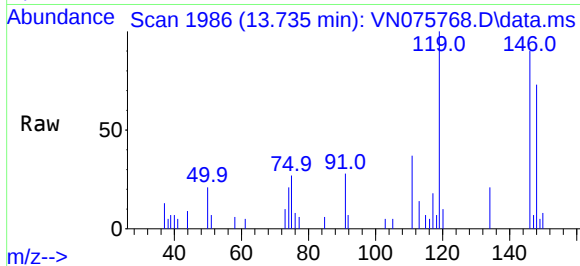




#86
p-Isopropyltoluene
Concen: 0.462 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

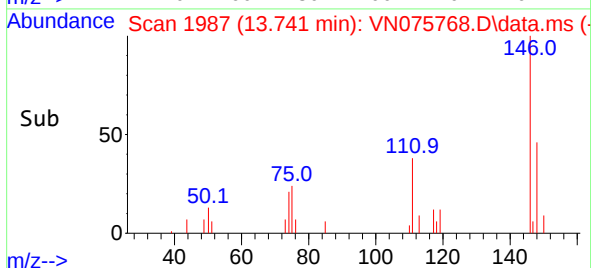
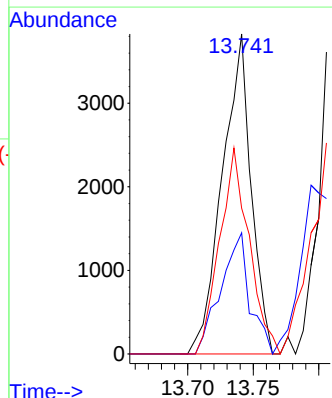
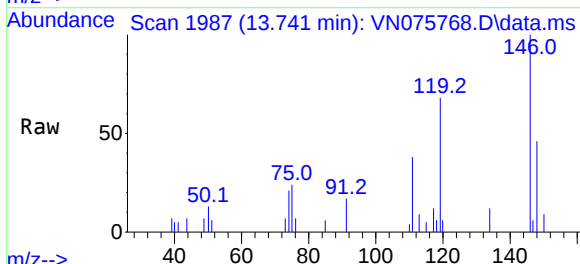
Instrument :
MSVOA_N
ClientSampleId :
IBLK

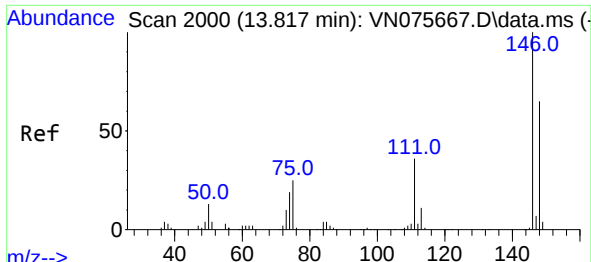
Tgt Ion:	119	Resp:	5368
Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.0	39.0
91	26.8	11.2	33.6



#87
1,3-Dichlorobenzene
Concen: 0.915 ug/l
RT: 13.741 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion:	146	Resp:	5858
Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.7	59.0
148	65.7	31.4	94.2

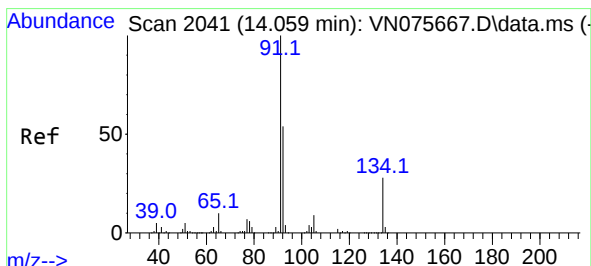
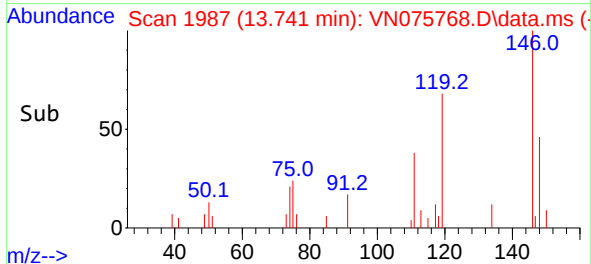
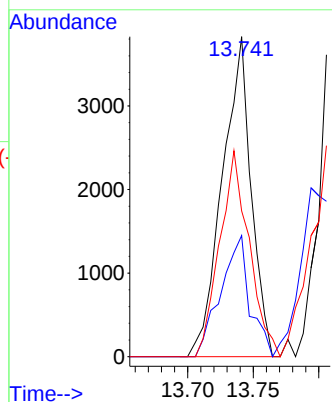
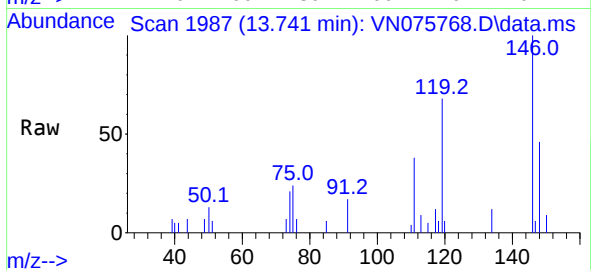




#88
1,4-Dichlorobenzene
Concen: 0.895 ug/l
RT: 13.741 min Scan# 1987
Delta R.T. -0.071 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

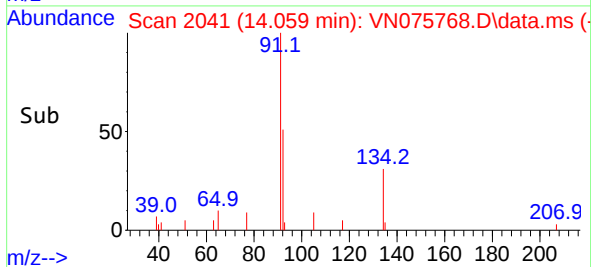
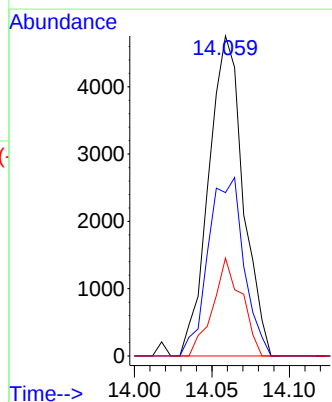
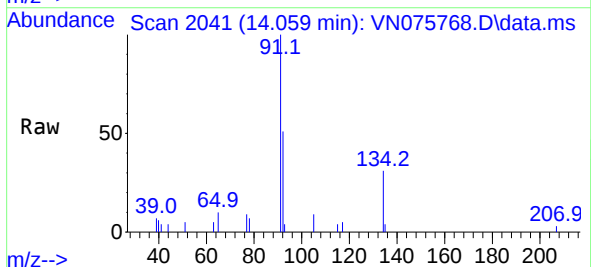
Instrument :
MSVOA_N
ClientSampleId :
IBLK

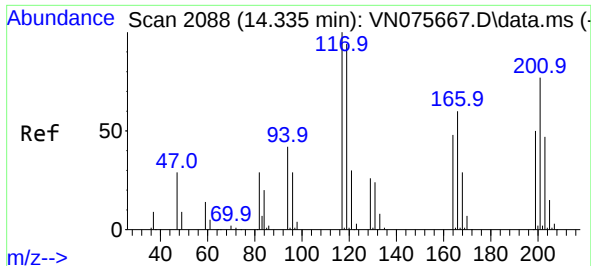
Tgt Ion:146 Resp: 5858
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.1
148 65.7 32.0 96.2



#89
n-Butylbenzene
Concen: 0.781 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion: 91 Resp: 7346
Ion Ratio Lower Upper
91 100
92 57.8 26.4 79.2
134 25.5 13.4 40.2

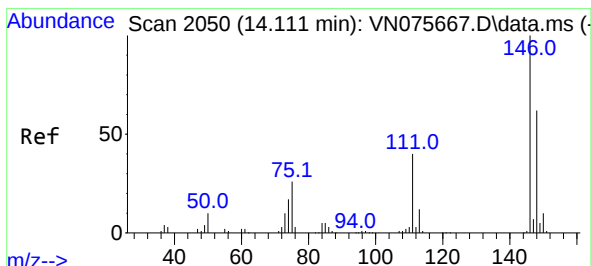
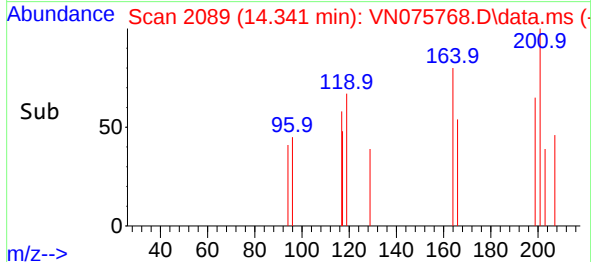
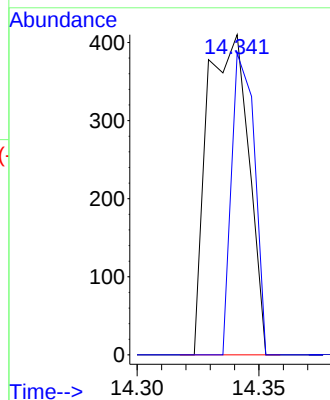
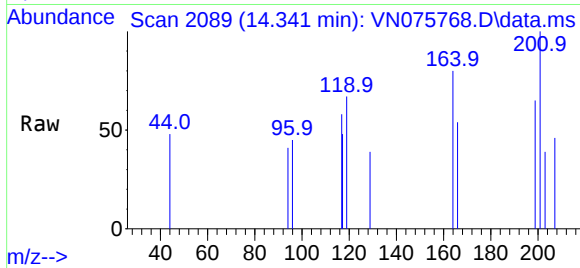




#90
Hexachloroethane
Concen: 0.233 ug/l
RT: 14.341 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

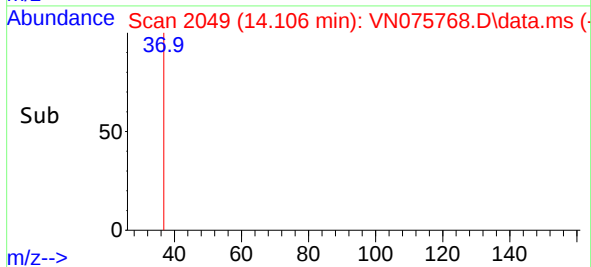
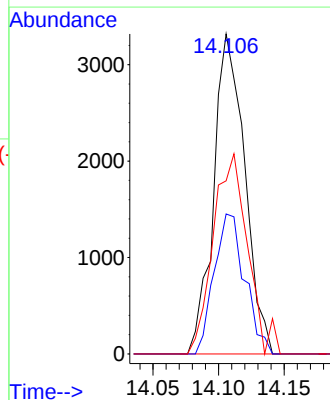
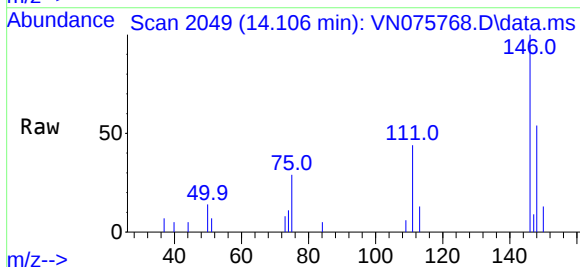
Instrument :
MSVOA_N
ClientSampleId :
IBLK

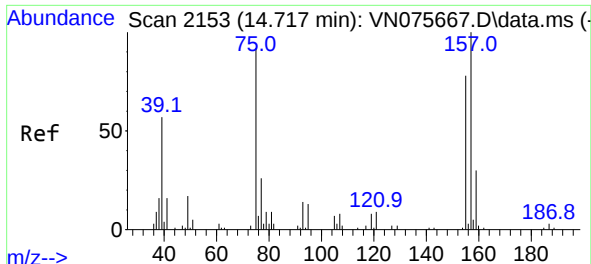
Tgt Ion:117 Resp: 483
Ion Ratio Lower Upper
117 100
201 52.4 38.0 114.1



#91
1,2-Dichlorobenzene
Concen: 0.867 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion:146 Resp: 5470
Ion Ratio Lower Upper
146 100
111 43.2 20.3 61.0
148 69.2 31.7 95.1

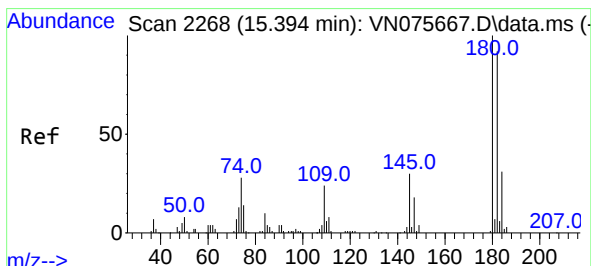
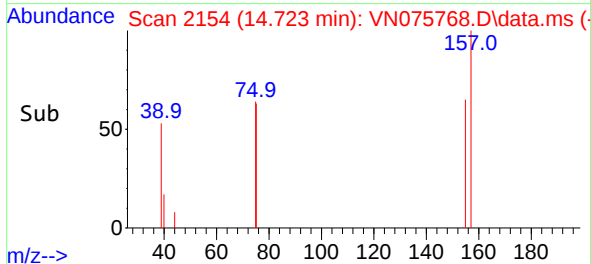
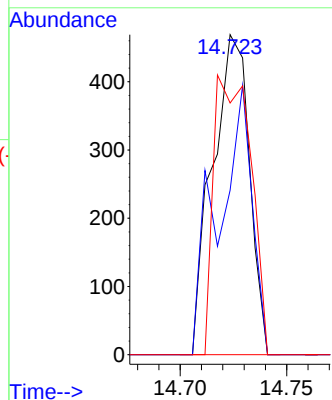
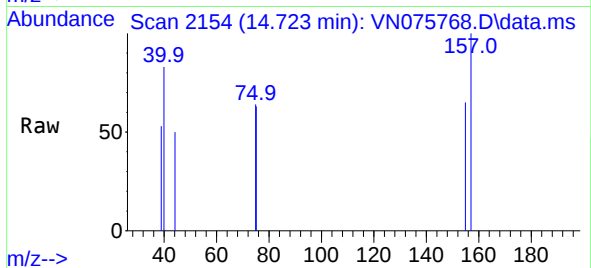




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.753 ug/l
 RT: 14.723 min Scan# 2153
 Delta R.T. 0.000 min
 Lab File: VN075768.D
 Acq: 14 Dec 2022 12:56

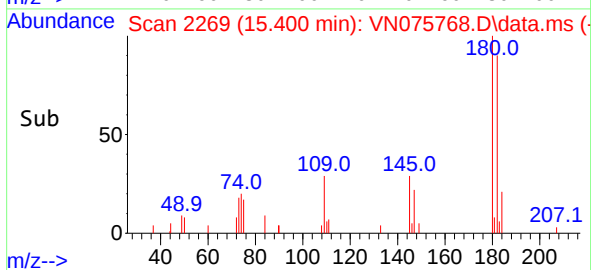
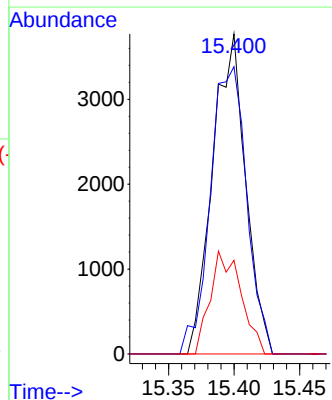
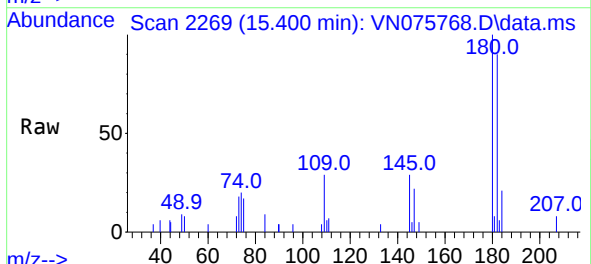
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

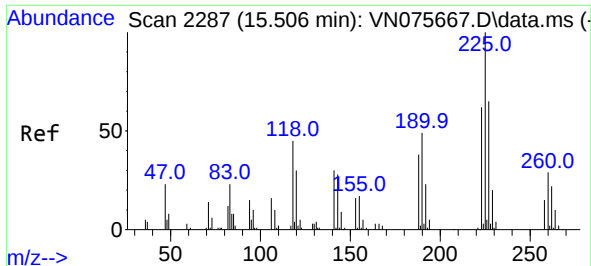
Tgt Ion: 75 Resp: 566
 Ion Ratio Lower Upper
 75 100
 155 77.2 49.3 147.8
 157 87.8 63.7 191.3



#93
 1,2,4-Trichlorobenzene
 Concen: 2.113 ug/l
 RT: 15.400 min Scan# 2269
 Delta R.T. 0.006 min
 Lab File: VN075768.D
 Acq: 14 Dec 2022 12:56

Tgt Ion: 180 Resp: 6601
 Ion Ratio Lower Upper
 180 100
 182 98.8 47.5 142.5
 145 30.1 15.3 45.8

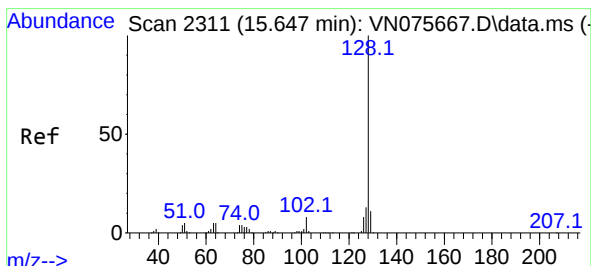
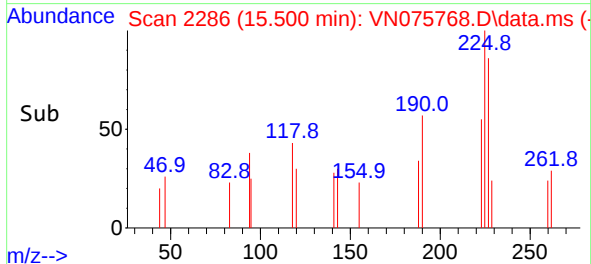
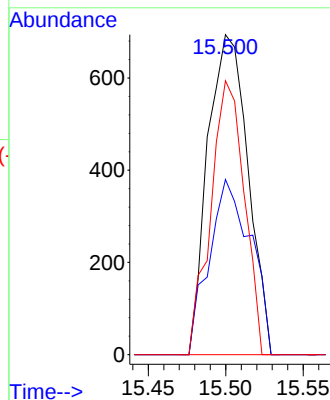
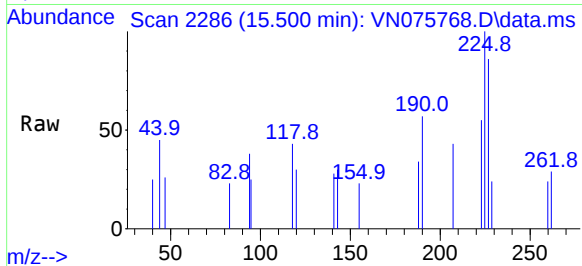




#94
Hexachlorobutadiene
Concen: 0.735 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

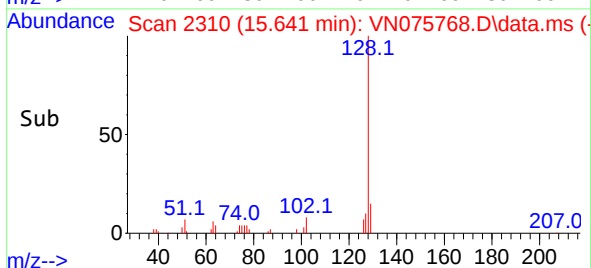
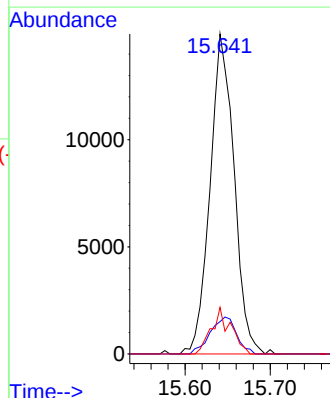
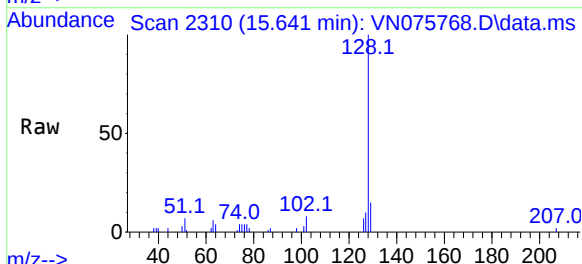
Instrument :
MSVOA_N
ClientSampleId :
IBLK

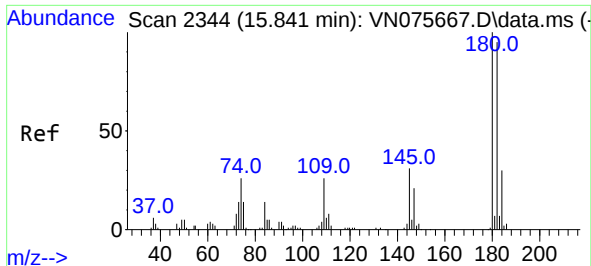
Tgt Ion:	225	Resp:	1252
Ion	Ratio	Lower	Upper
225	100		
223	56.7	31.5	94.5
227	71.6	31.6	95.0



#95
Naphthalene
Concen: 4.895 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075768.D
Acq: 14 Dec 2022 12:56

Tgt Ion:	128	Resp:	29314
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.7	8.7	13.1





#96

1,2,3-Trichlorobenzene

Concen: 2.631 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075768.D

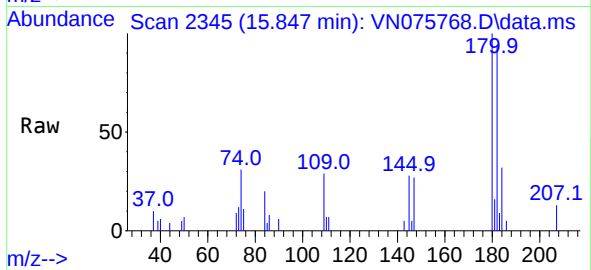
Acq: 14 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 7679

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.0

145 30.1 16.0 47.9

