

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075343.D
 Acq On : 21 Nov 2022 13:52
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 22 08:18:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 08:17:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	144729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	208897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	85251	109.734	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 219.460%#	
35) Dibromofluoromethane	8.171	113	76442	79.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 159.700%#	
50) Toluene-d8	10.565	98	272504	126.379	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 252.760%#	
62) 4-Bromofluorobenzene	12.847	95	88290	55.475	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.940%	

Target Compounds			Qvalue			
5) Bromomethane	2.936	94	904	0.592	ug/l	93
6) Chloroethane	3.124	64	590	Below Cal	#	45
11) Tert butyl alcohol	5.506	59	1101	3.376	ug/l #	72
13) Acrolein	4.200	56	343	1.207	ug/l #	66
15) Acrylonitrile	5.724	53	387	0.517	ug/l #	51
16) Acetone	4.441	43	146	0.201	ug/l #	43
17) Carbon Disulfide	4.724	76	2206	0.633	ug/l #	74
18) Methyl Acetate	5.047	43	1552	Below Cal	#	54
20) Methylene Chloride	5.289	84	1035	Below Cal		90
25) 2-Butanone	7.500	43	780	0.771	ug/l #	43
31) Cyclohexane	8.235	56	2525	1.023	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	10272	4.920	ug/l #	51
38) Carbon Tetrachloride	8.235	117	14935	6.512	ug/l #	18
43) Isopropyl Acetate	8.812	43	2378	0.788	ug/l #	53
44) Trichloroethene	9.353	130	390	0.223	ug/l	1
51) 4-Methyl-2-Pentanone	10.447	43	816	0.425	ug/l #	69
58) 2-Chloroethyl Vinyl ether	10.159	63	607	0.743	ug/l #	44
59) 2-Hexanone	11.194	43	1626	1.127	ug/l	96
64) Tetrachloroethene	11.106	164	453	0.284	ug/l	90
65) Chlorobenzene	11.894	112	1309	0.303	ug/l	92
67) Ethyl Benzene	11.965	91	1816	0.247	ug/l	92
68) m/p-Xylenes	12.070	106	1631	0.546	ug/l	89
70) Styrene	12.417	104	1375	0.294	ug/l #	81
73) Isopropylbenzene	12.700	105	1507	0.225	ug/l	89
74) N-amyl acetate	12.494	43	729	0.354	ug/l #	72
76) 1,2,3-Trichloropropane	12.847	75	43978	25.374	ug/l #	1
77) Bromobenzene	12.976	156	787	0.476	ug/l	77
78) n-propylbenzene	13.035	91	2801	0.375	ug/l	90
79) 2-Chlorotoluene	13.123	91	1569	0.348	ug/l	88
80) 1,3,5-Trimethylbenzene	13.170	105	1536	0.276	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	43978	75.077	ug/l #	10
82) 4-Chlorotoluene	13.123	91	1569	0.348	ug/l	88
83) tert-Butylbenzene	13.435	119	1292	0.255	ug/l	82
84) 1,2,4-Trimethylbenzene	13.482	105	1690	0.303	ug/l	91
85) sec-Butylbenzene	13.617	105	2180	0.317	ug/l	91
86) p-Isopropyltoluene	13.735	119	1917	0.331	ug/l	93

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Quant Title : SW846 8260
QLast Update : Tue Nov 22 08:17:11 2022
Response via : Initial Calibration

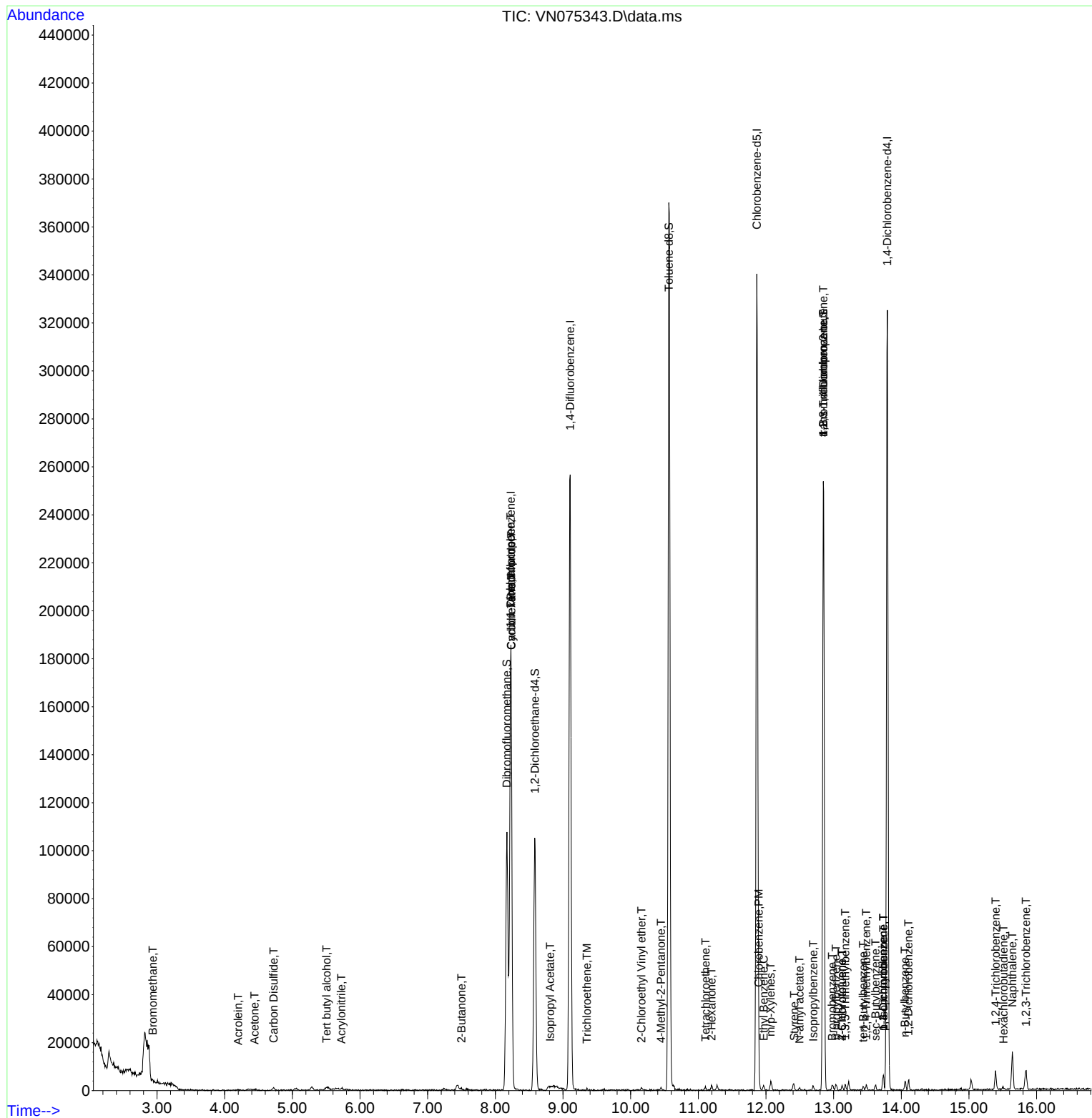
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.735	146	2715	0.867	ug/l	88
88) 1,4-Dichlorobenzene	13.735	146	2715	0.853	ug/l	88
89) n-Butylbenzene	14.053	91	2788	0.570	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	2020	0.662	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	3097	1.979	ug/l	95
94) Hexachlorobutadiene	15.511	225	203	0.249	ug/l #	13
95) Naphthalene	15.641	128	15501	3.149	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.841	180	3937	2.560	ug/l	91

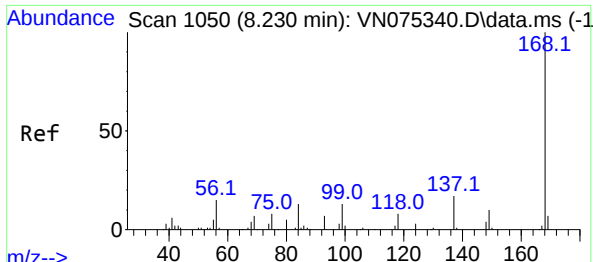
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.001 min

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Instrument :

MSVOA_N

ClientSampleId :

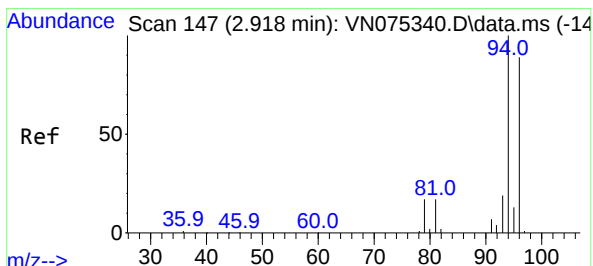
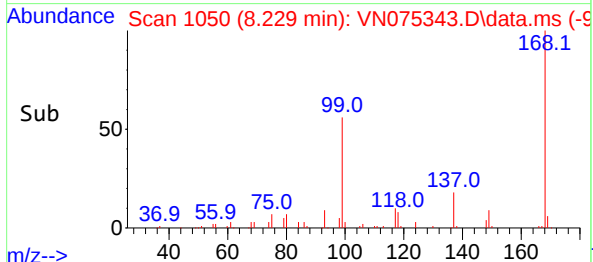
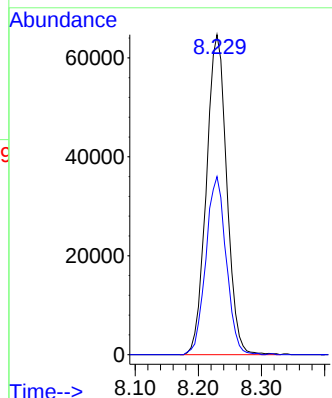
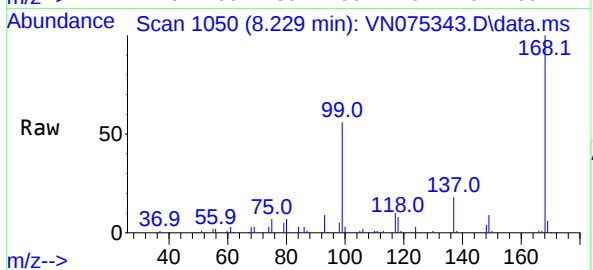
IBLK

Tgt Ion:168 Resp: 144729

Ion Ratio Lower Upper

168 100

99 55.6 51.6 77.4



#5

Bromomethane

Concen: 0.592 ug/l

RT: 2.936 min Scan# 150

Delta R.T. 0.018 min

Lab File: VN075343.D

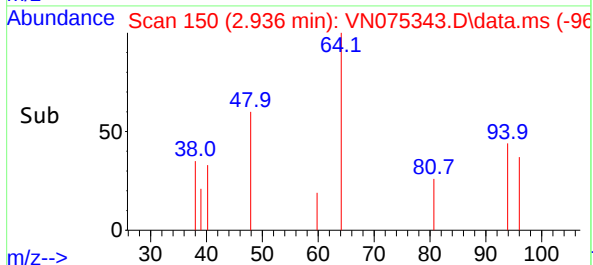
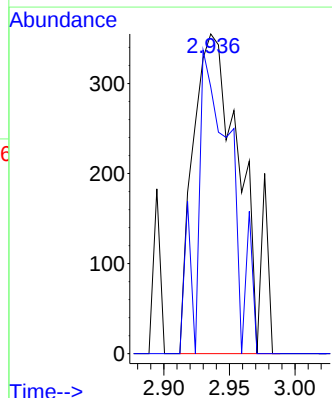
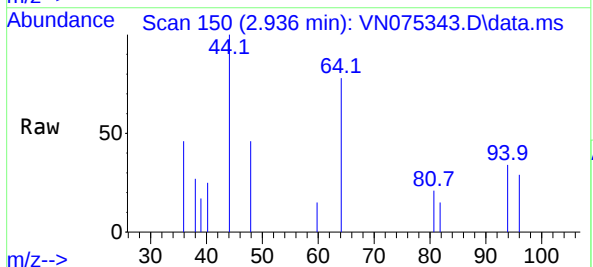
Acq: 21 Nov 2022 13:52

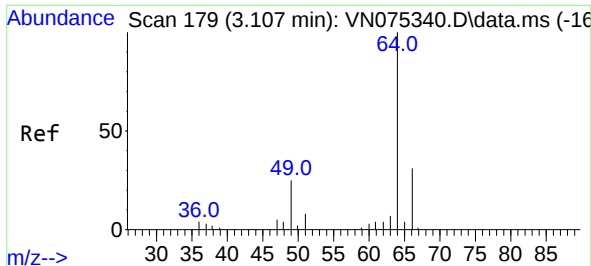
Tgt Ion: 94 Resp: 904

Ion Ratio Lower Upper

94 100

96 83.4 71.8 107.6

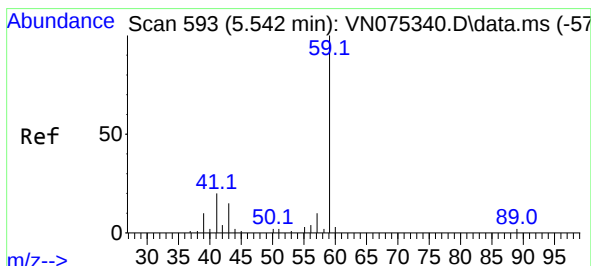
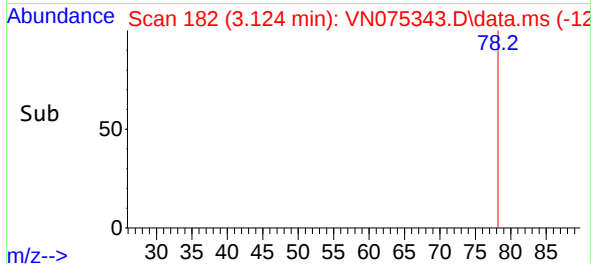
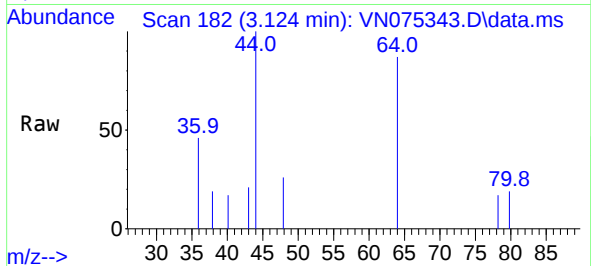




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

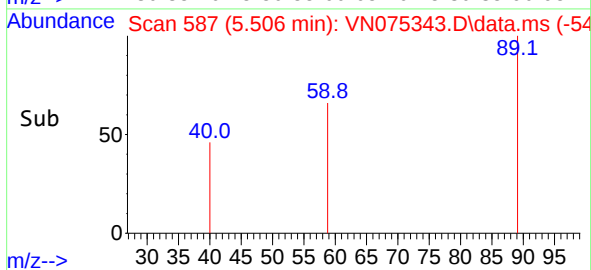
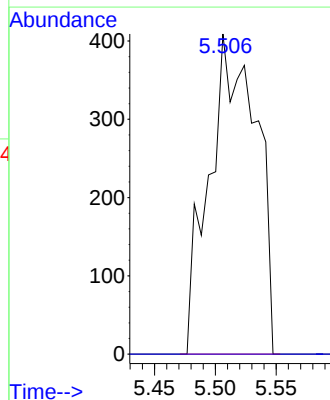
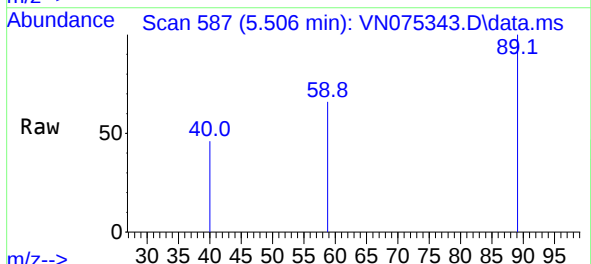
Instrument :
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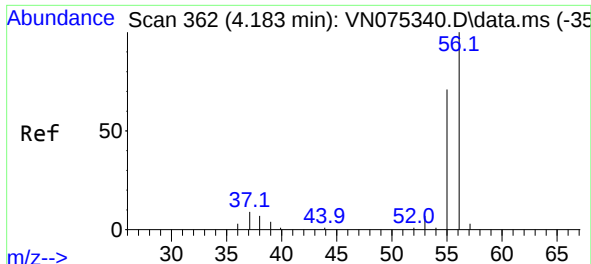
Tgt Ion: 64 Resp: 590
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 3.376 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.036 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion: 59 Resp: 1101
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

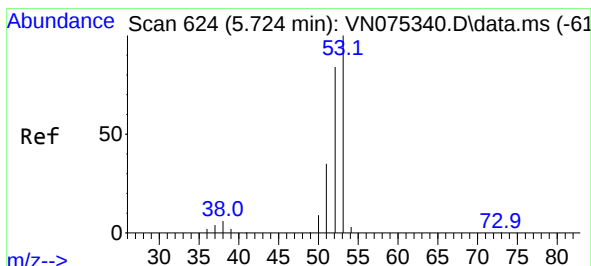
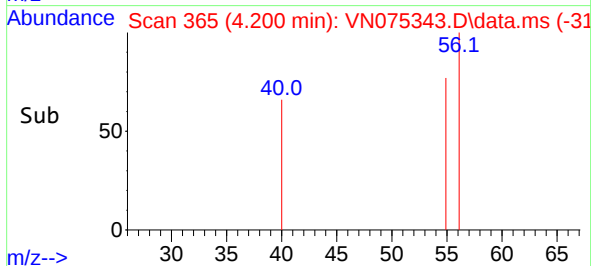
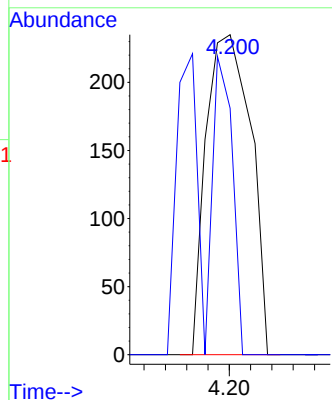
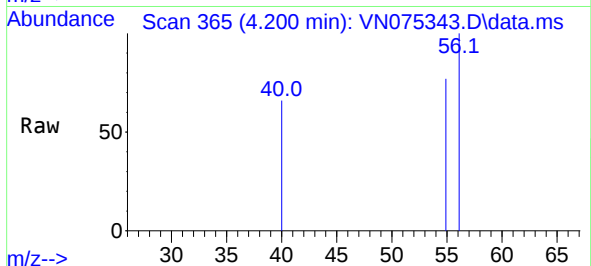




#13
Acrolein
Concen: 1.207 ug/l
RT: 4.200 min Scan# 365
Delta R.T. 0.017 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

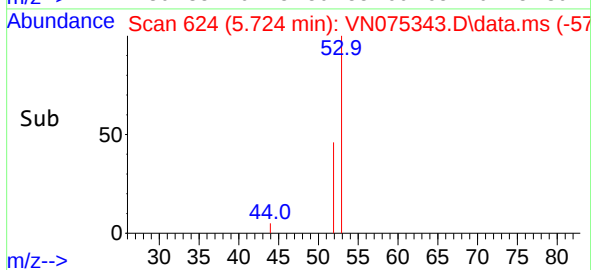
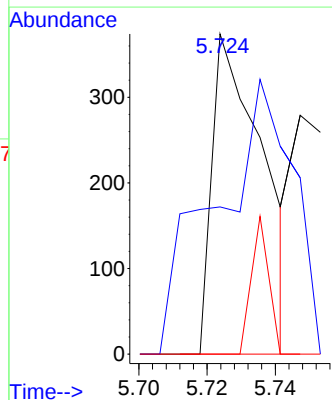
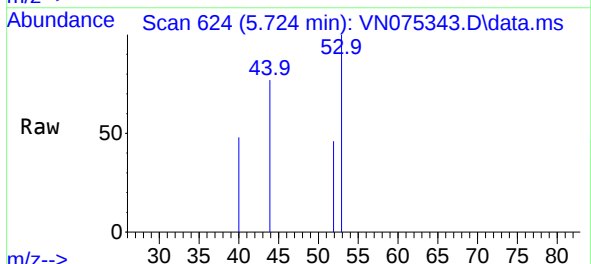
Instrument :
MSVOA_N
ClientSampleId :
IBLK

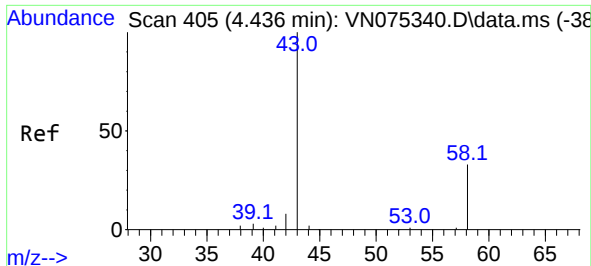
Tgt Ion: 56 Resp: 343
Ion Ratio Lower Upper
56 100
55 41.1 55.2 82.8#



#15
Acrylonitrile
Concen: 0.517 ug/l
RT: 5.724 min Scan# 624
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion: 53 Resp: 387
Ion Ratio Lower Upper
53 100
52 131.5 66.4 99.6#
51 14.7 29.6 44.4#





#16

Acetone

Concen: 0.201 ug/l

RT: 4.441 min Scan# 405

Delta R.T. 0.005 min

Lab File: VN075343.D

Acq: 21 Nov 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

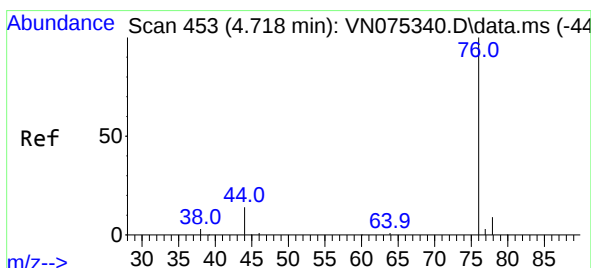
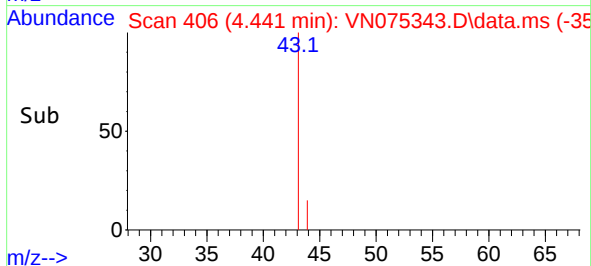
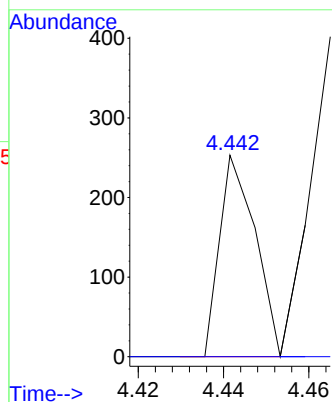
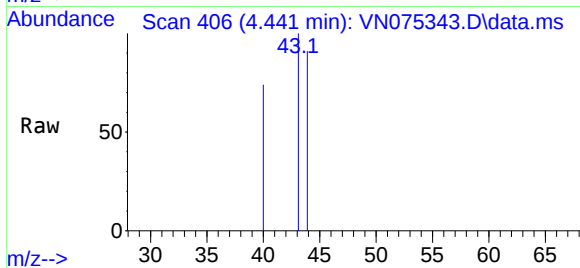
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Tgt Ion: 43 Resp: 146

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#



#17

Carbon Disulfide

Concen: 0.633 ug/l

RT: 4.724 min Scan# 454

Delta R.T. 0.006 min

Lab File: VN075343.D

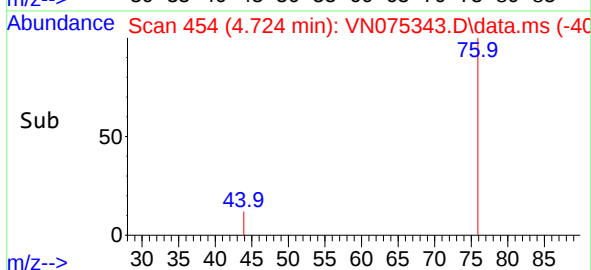
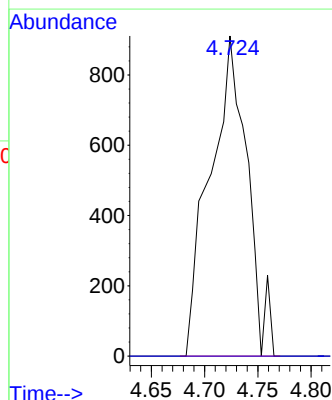
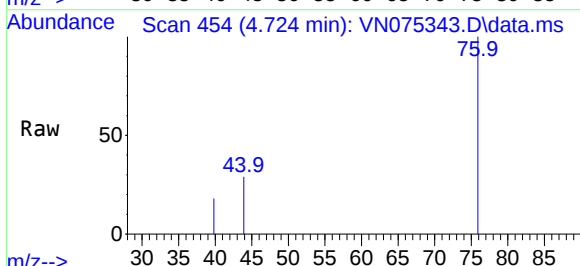
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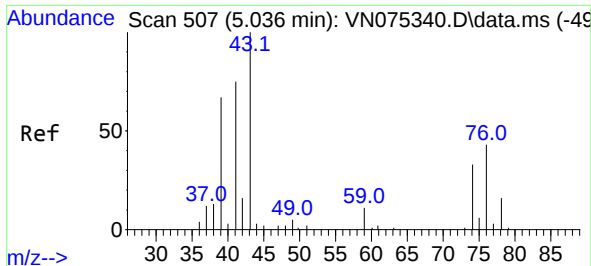
Tgt Ion: 76 Resp: 2206

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#

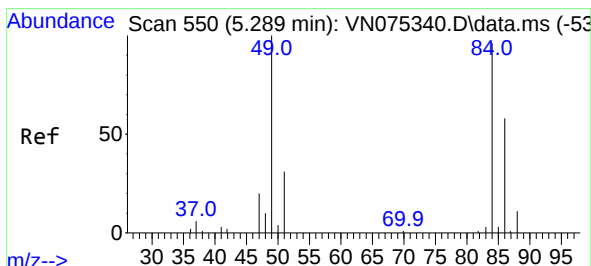
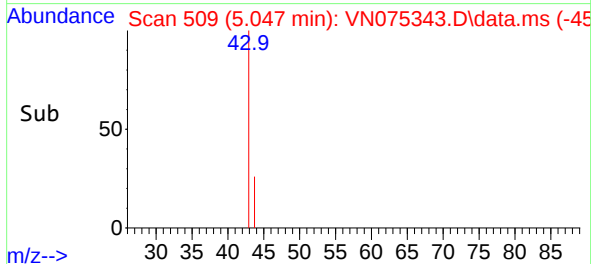
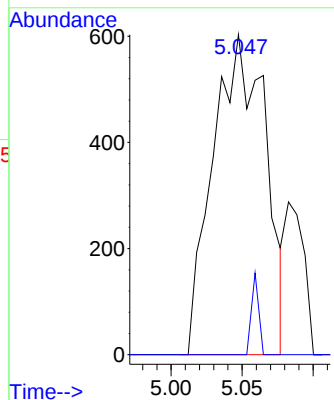
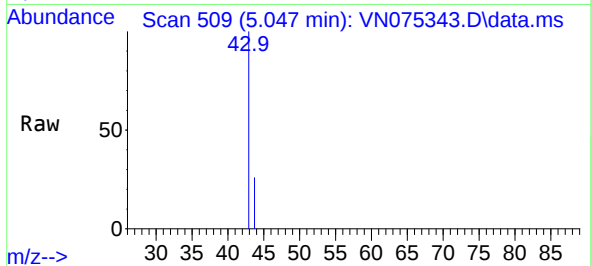




#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

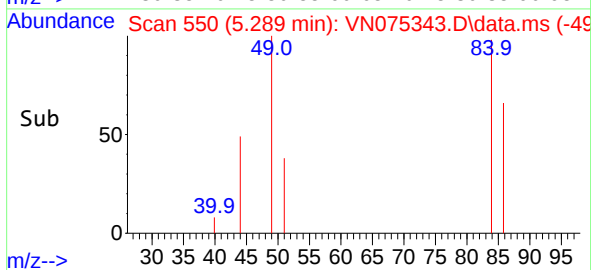
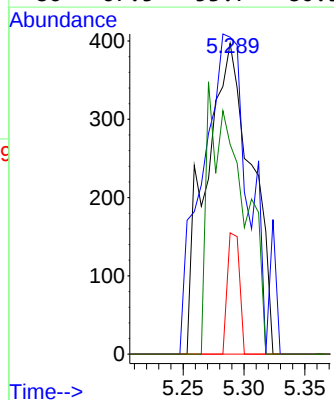
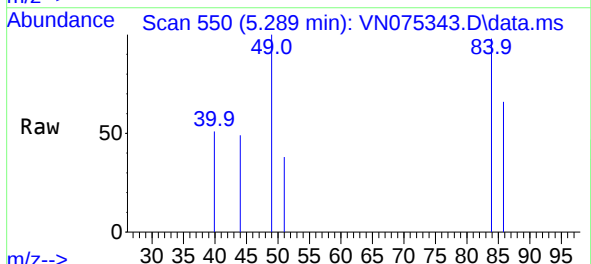
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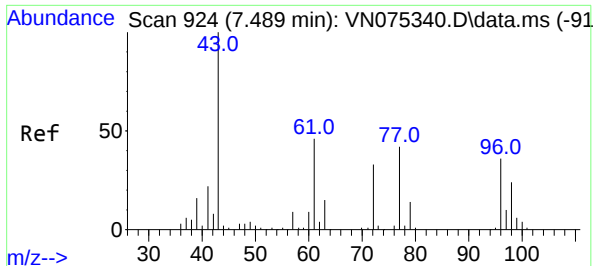
Tgt Ion: 43 Resp: 1552
Ion Ratio Lower Upper
43 100
74 3.5 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion: 84 Resp: 1035
Ion Ratio Lower Upper
84 100
49 102.0 94.9 142.3
51 39.0 26.8 40.2
86 67.5 53.7 80.5

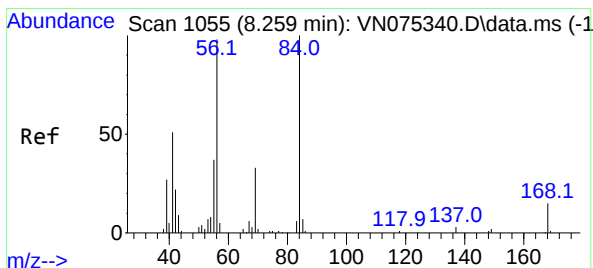
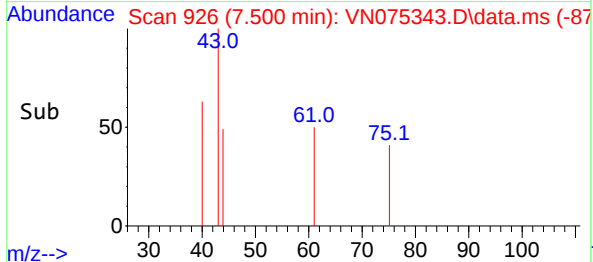
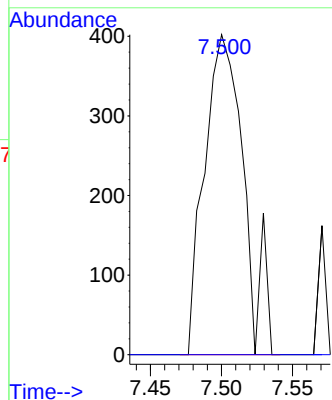
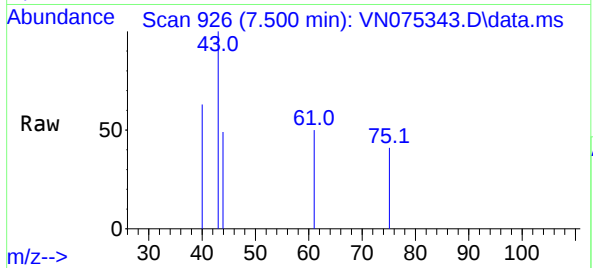




#25
2-Butanone
Concen: 0.771 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

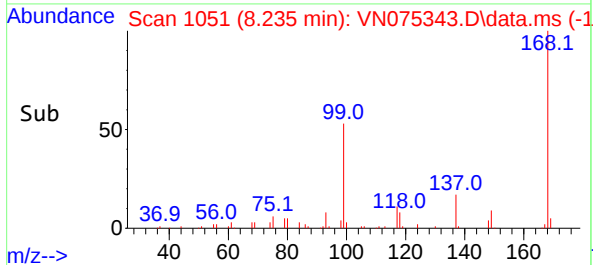
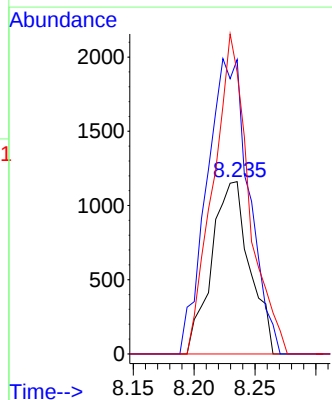
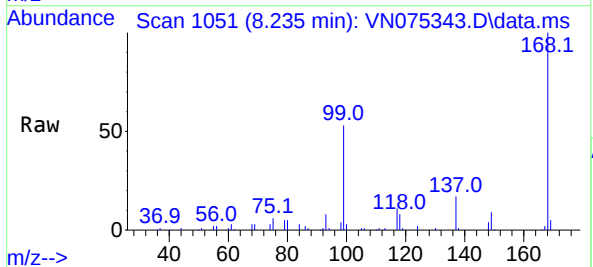
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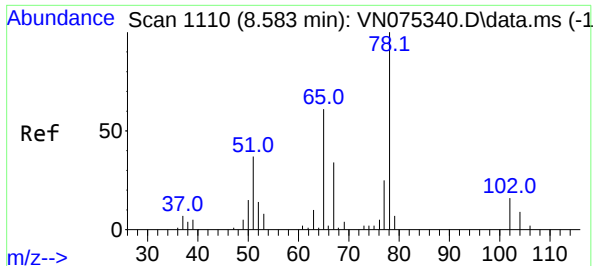
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
72 0.0 25.5 38.3#



#31
Cyclohexane
Concen: 1.023 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion: 56 Resp: 2525
Ion Ratio Lower Upper
56 100
69 170.9 25.2 37.8#
84 163.4 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 109.734 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075343.D

Acq: 21 Nov 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

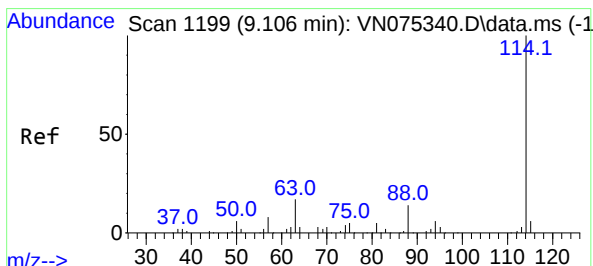
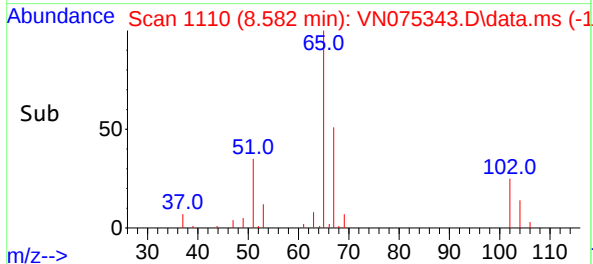
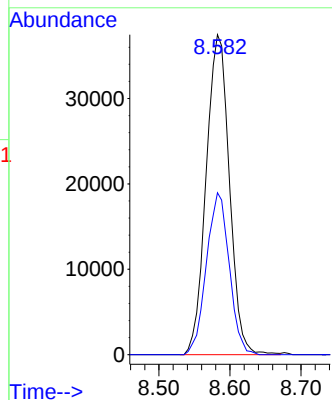
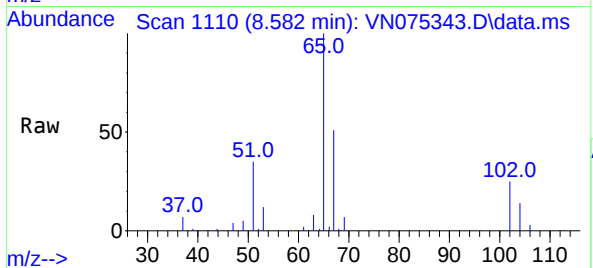
IBLK

Tgt Ion: 65 Resp: 85251

Ion Ratio Lower Upper

65 100

67 49.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075343.D

Acq: 21 Nov 2022 13:52

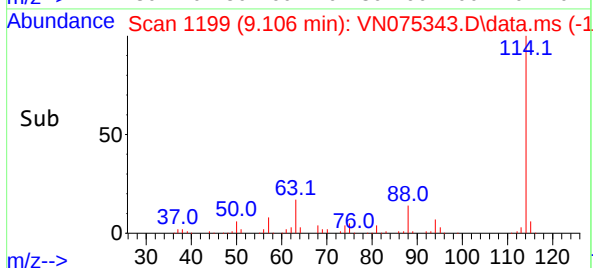
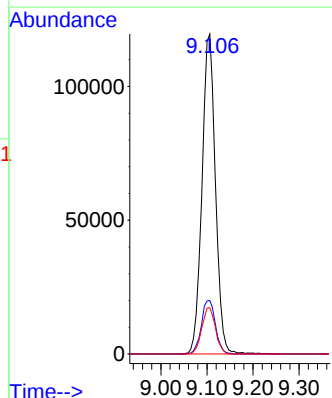
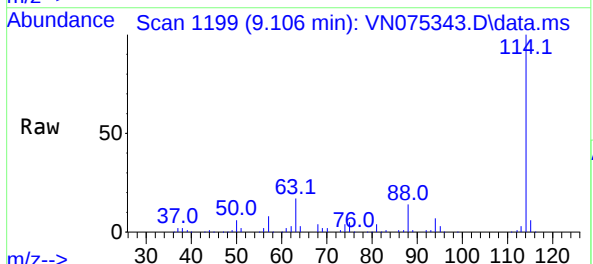
Tgt Ion:114 Resp: 243706

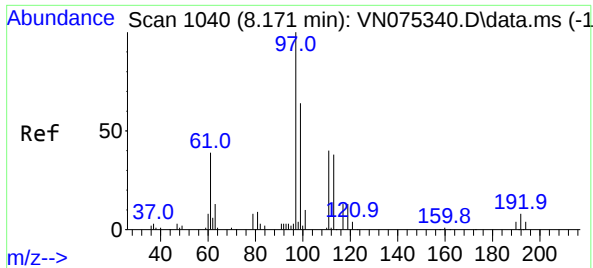
Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 14.4 0.0 29.0

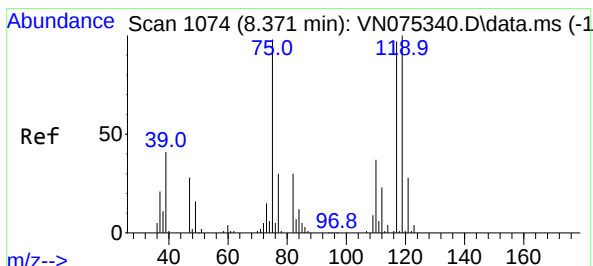
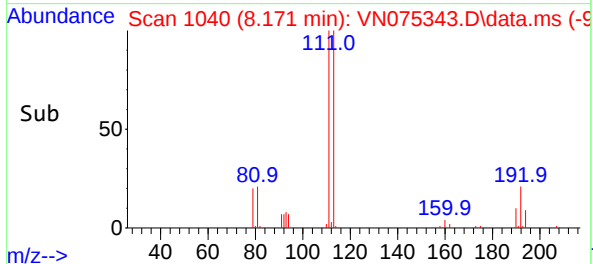
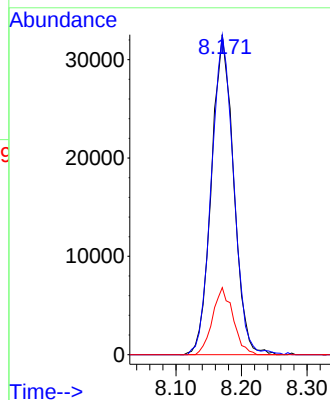
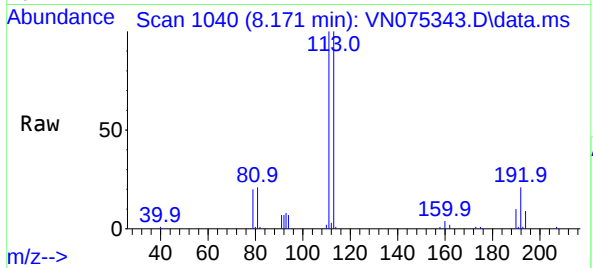




#35
Dibromofluoromethane
Concen: 79.847 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

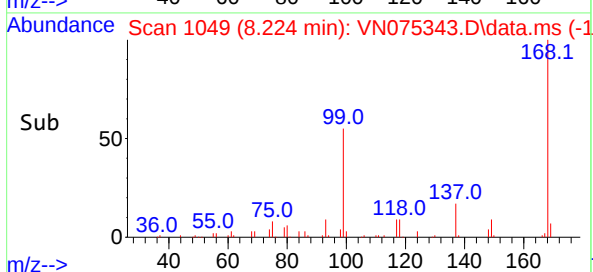
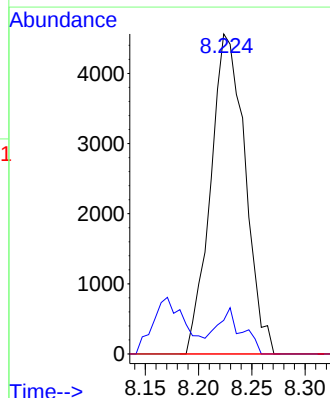
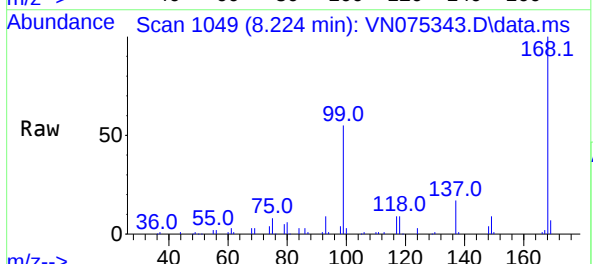
Instrument :
MSVOA_N
ClientSampleId :
IBLK

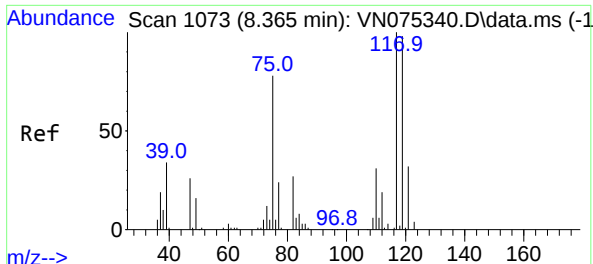
Tgt Ion:113 Resp: 76442
Ion Ratio Lower Upper
113 100
111 100.1 80.5 120.7
192 19.4 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.920 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

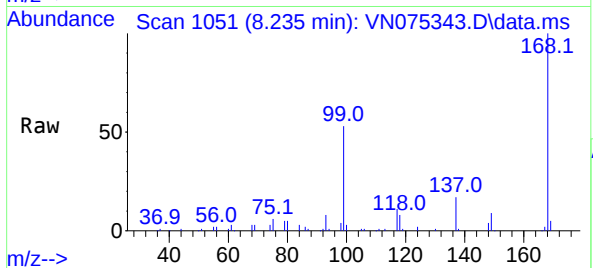
Tgt Ion: 75 Resp: 10272
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.3#
77 0.0 24.6 37.0#



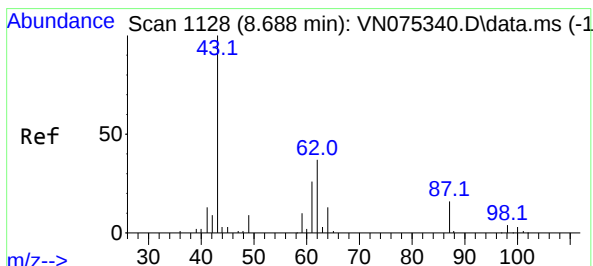
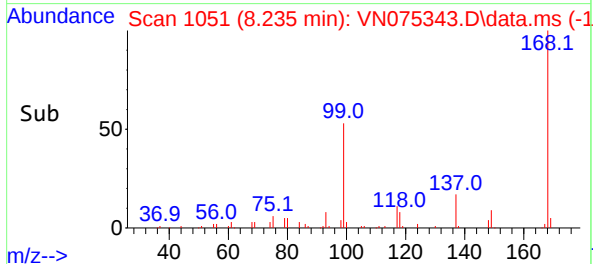
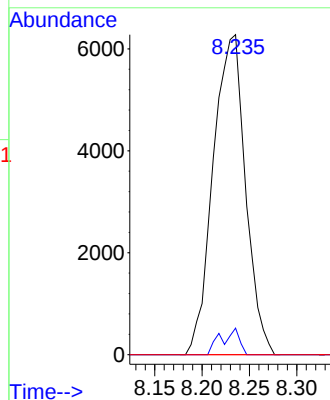


#38
Carbon Tetrachloride
Concen: 6.512 ug/l
RT: 8.235 min Scan# 1149
Delta R.T. -0.130 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
IBLK

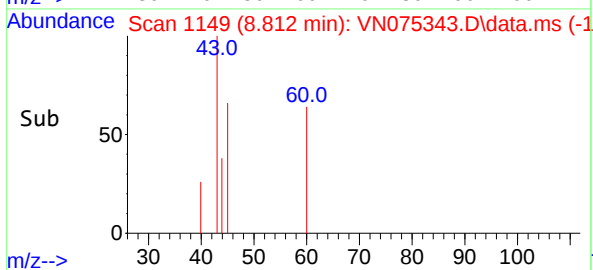
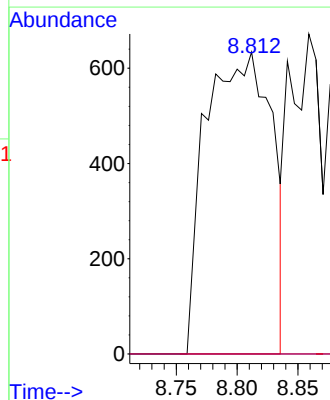
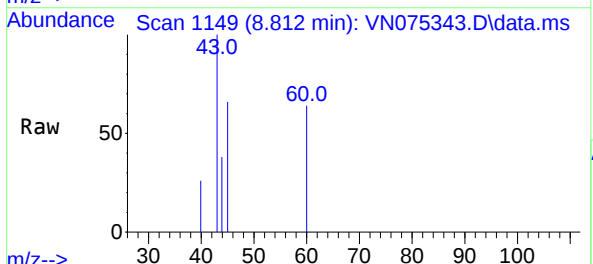


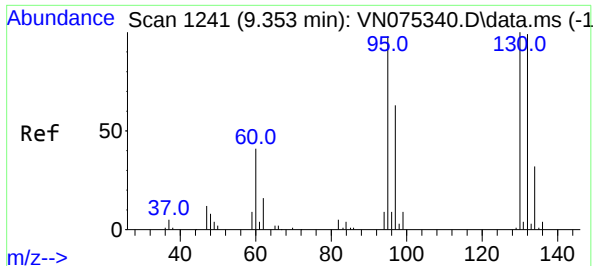
Tgt Ion:117 Resp: 14935
Ion Ratio Lower Upper
117 100
119 8.3 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.788 ug/l
RT: 8.812 min Scan# 1149
Delta R.T. 0.124 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion: 43 Resp: 2378
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

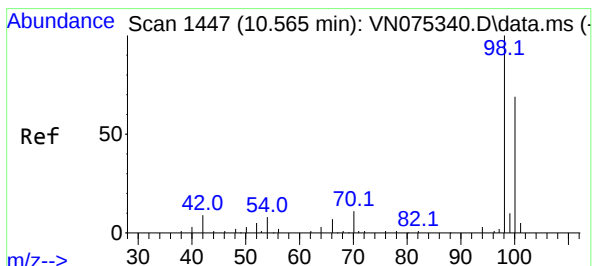
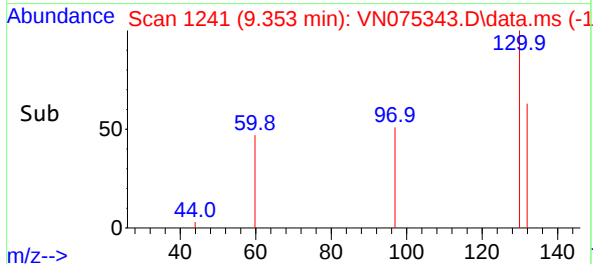
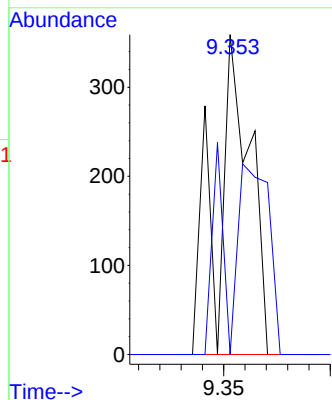
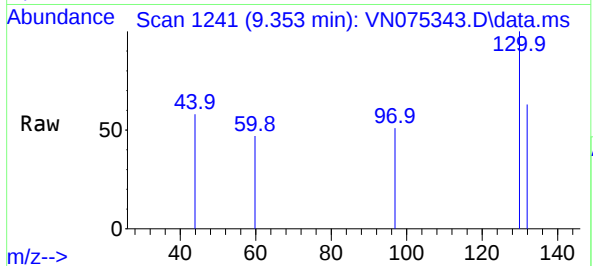




#44
Trichloroethene
Concen: 0.223 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

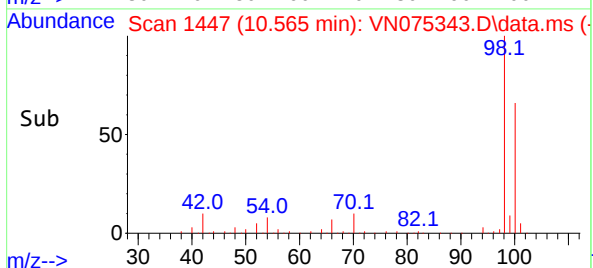
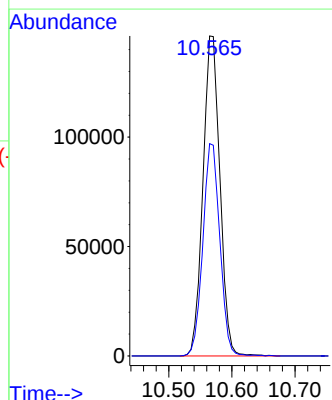
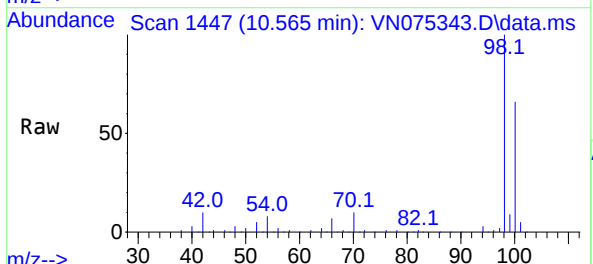
Instrument :
MSVOA_N
ClientSampleId :
IBLK

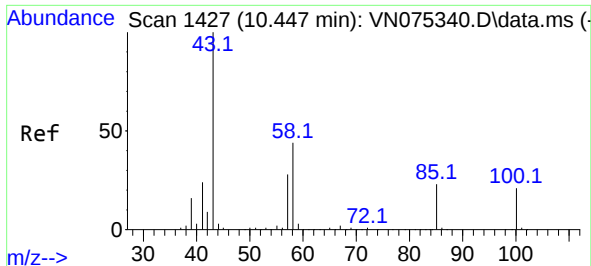
Tgt Ion:130 Resp: 390
Ion Ratio Lower Upper
130 100
95 0.0 0.0 198.4



#50
Toluene-d8
Concen: 126.379 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion: 98 Resp: 272504
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 0.425 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075343.D

Acq: 21 Nov 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

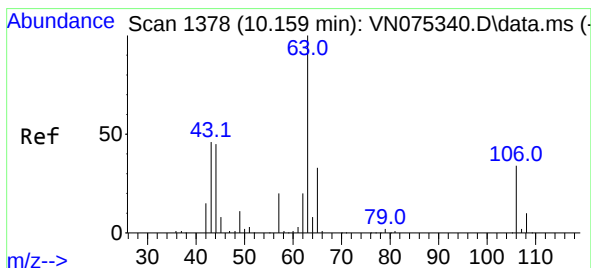
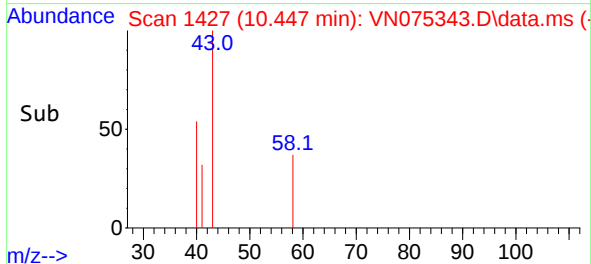
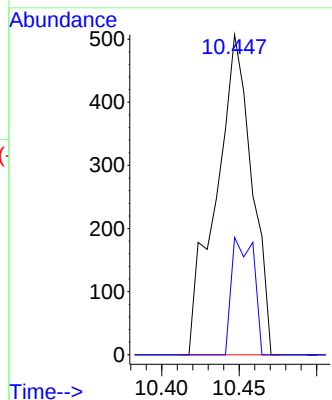
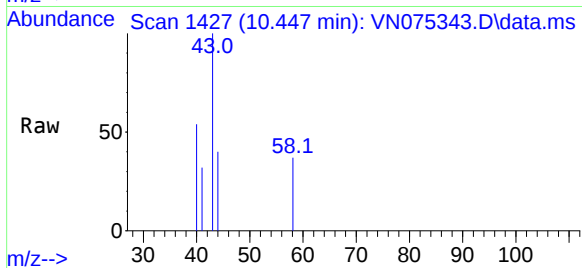
IBLK

Tgt Ion: 43 Resp: 816

Ion Ratio Lower Upper

43 100

58 22.4 33.6 50.4#



#58

2-Chloroethyl Vinyl ether

Concen: 0.743 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075343.D

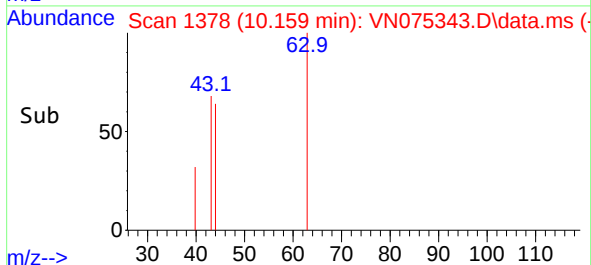
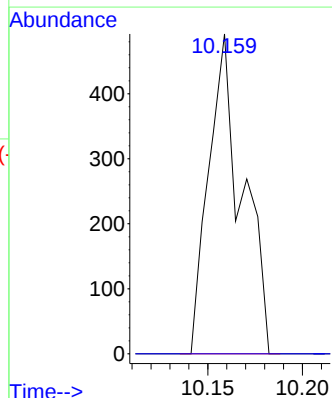
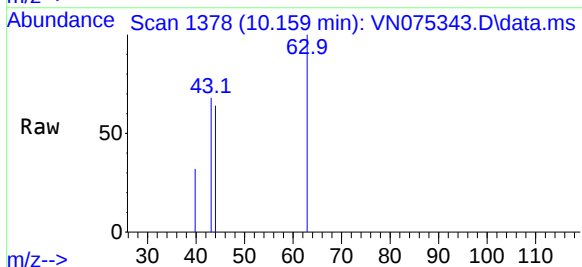
Acq: 21 Nov 2022 13:52

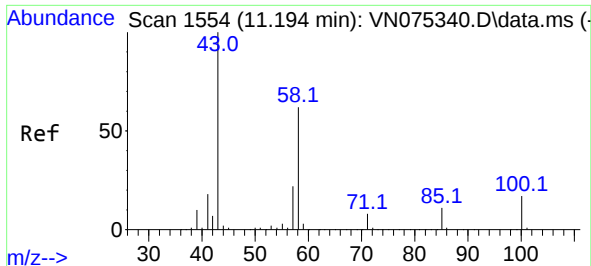
Tgt Ion: 63 Resp: 607

Ion Ratio Lower Upper

63 100

106 0.0 24.8 37.2#

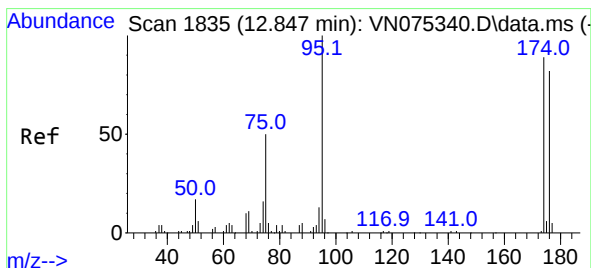
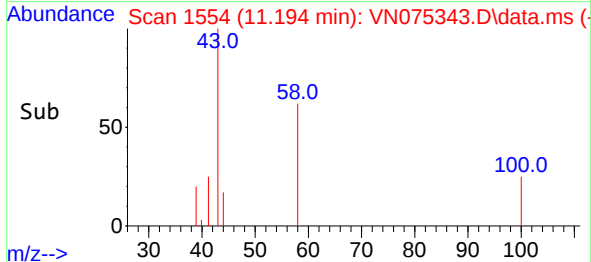
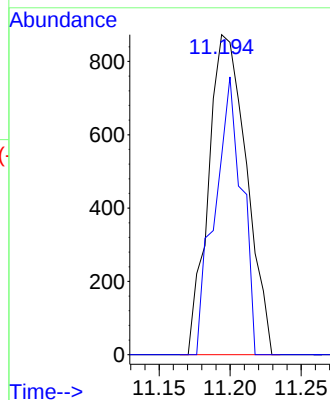
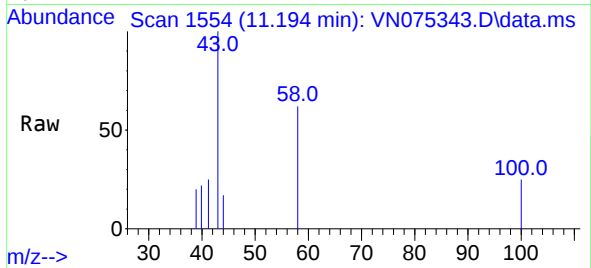




#59
2-Hexanone
Concen: 1.127 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

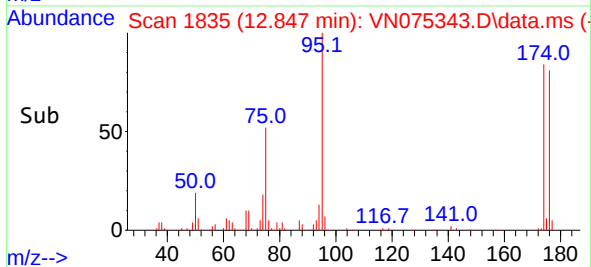
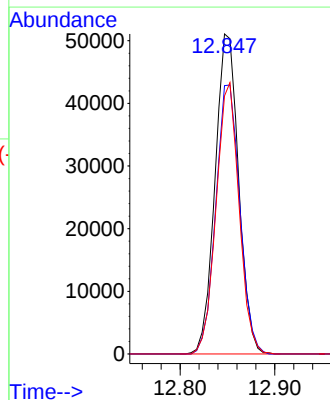
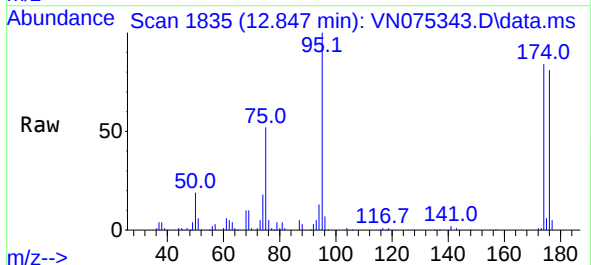
Instrument :
MSVOA_N
ClientSampleId :
IBLK

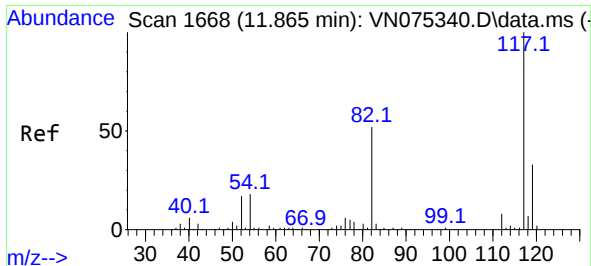
Tgt Ion: 43 Resp: 1626
Ion Ratio Lower Upper
43 100
58 61.9 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 55.475 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion: 95 Resp: 88290
Ion Ratio Lower Upper
95 100
174 85.9 0.0 147.4
176 82.4 0.0 142.2

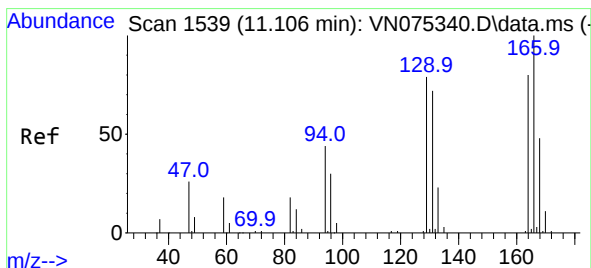
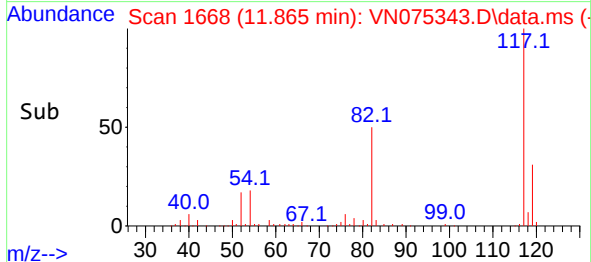
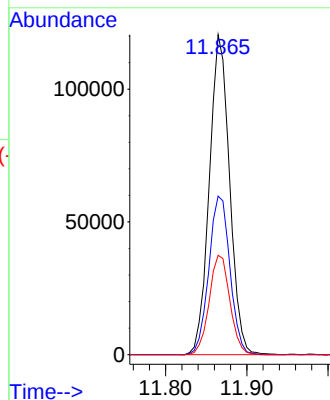
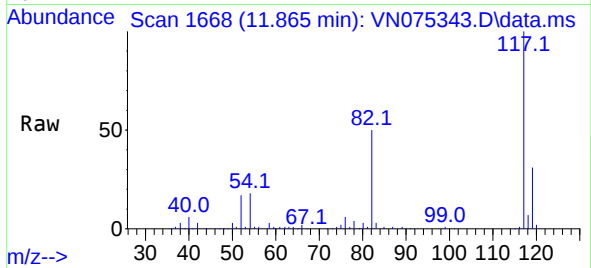




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

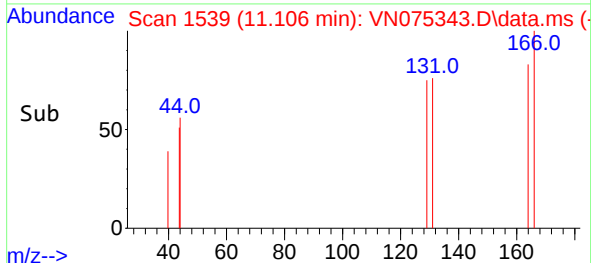
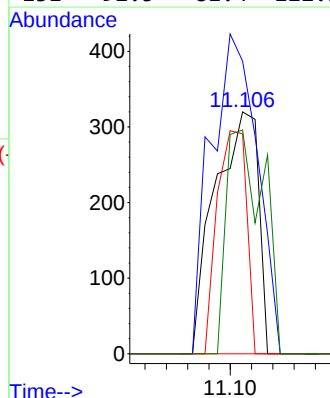
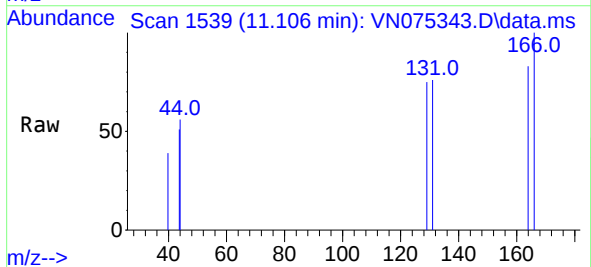
Instrument :
MSVOA_N
ClientSampleId :
IBLK

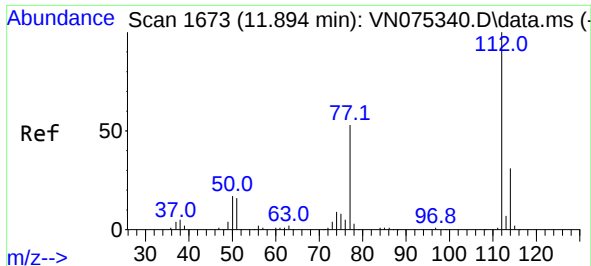
Tgt Ion:117 Resp: 208897
Ion Ratio Lower Upper
117 100
82 49.5 43.1 64.7
119 31.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.284 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion:164 Resp: 453
Ion Ratio Lower Upper
164 100
166 120.9 106.5 159.7
129 90.9 81.9 122.9
131 92.5 81.4 122.2

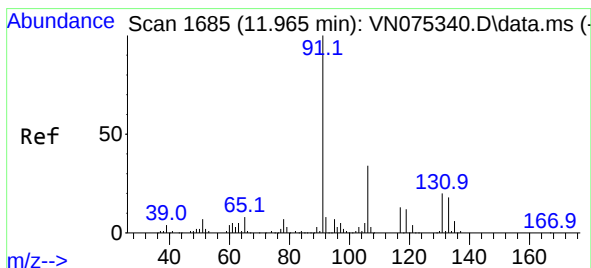
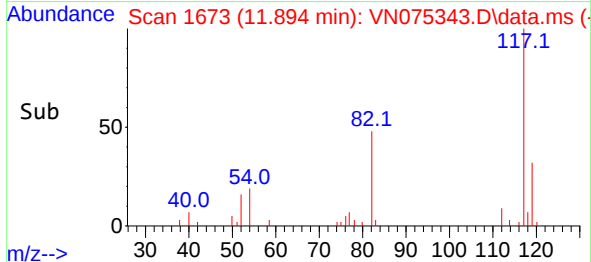
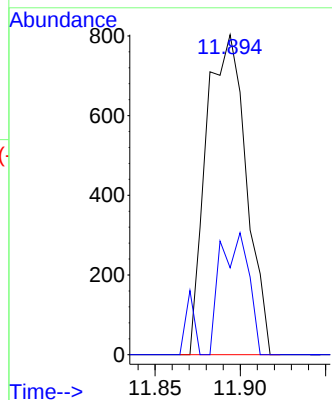
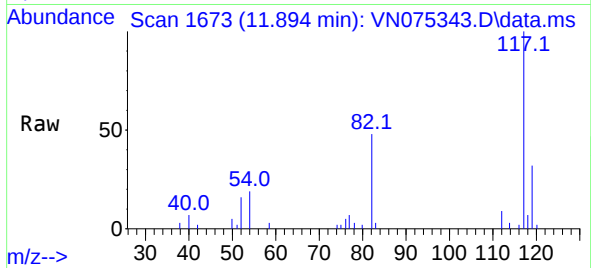




#65
Chlorobenzene
Concen: 0.303 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

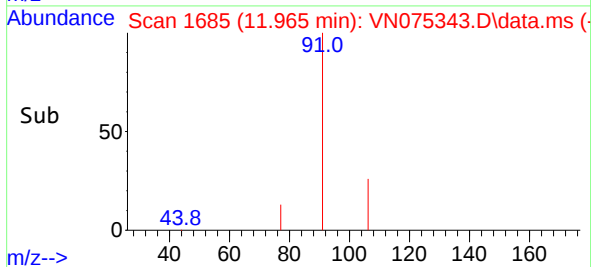
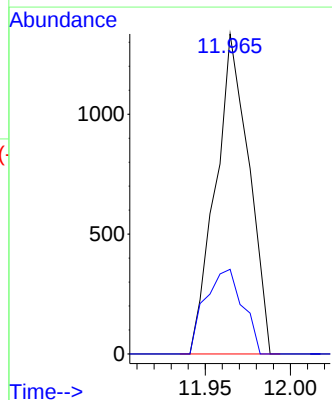
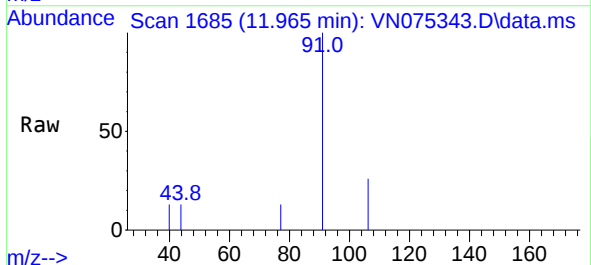
Instrument :
MSVOA_N
ClientSampleId :
IBLK

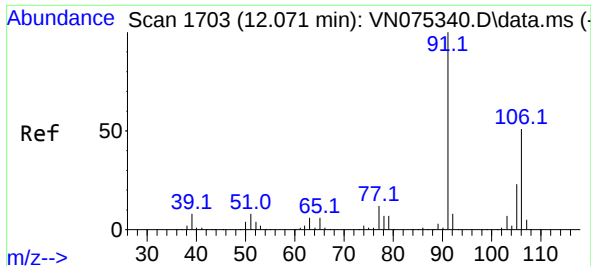
Tgt Ion:112 Resp: 1309
Ion Ratio Lower Upper
112 100
114 27.1 25.4 38.2



#67
Ethyl Benzene
Concen: 0.247 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion: 91 Resp: 1816
Ion Ratio Lower Upper
91 100
106 26.4 24.9 37.3

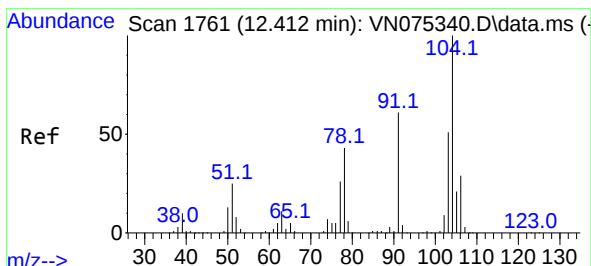
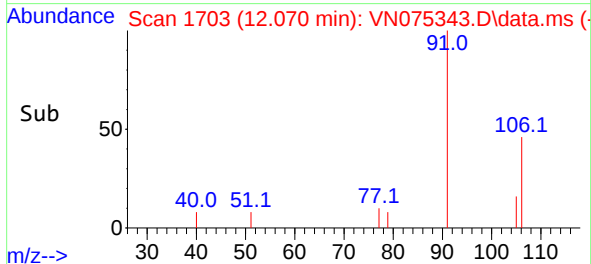
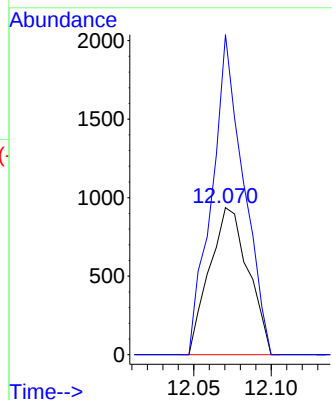
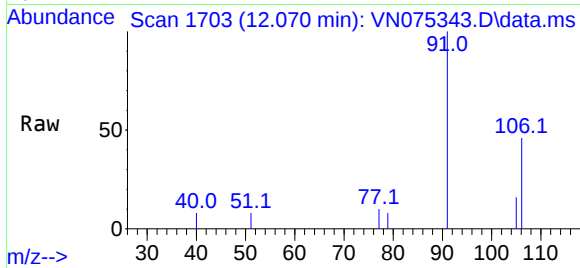




#68
m/p-Xylenes
Concen: 0.546 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

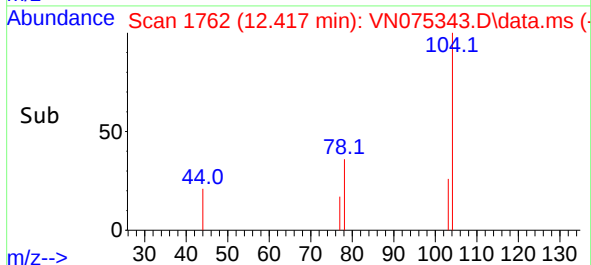
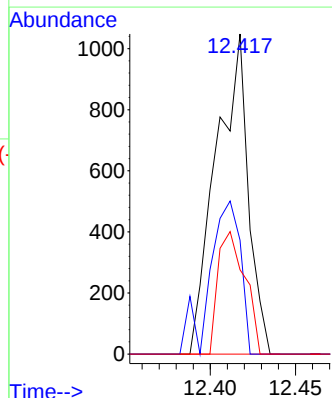
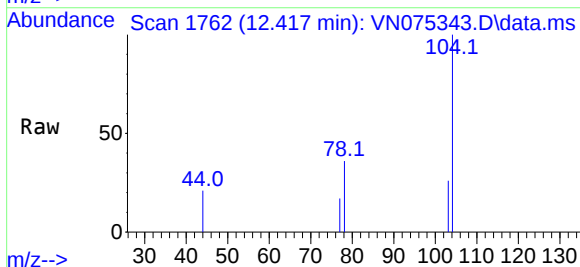
Instrument :
MSVOA_N
ClientSampleId :
IBLK

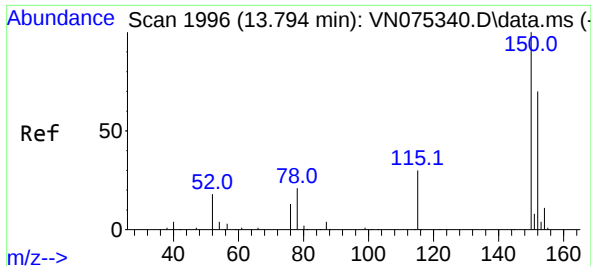
Tgt Ion:106 Resp: 1631
Ion Ratio Lower Upper
106 100
91 178.5 156.0 234.0



#70
Styrene
Concen: 0.294 ug/l
RT: 12.417 min Scan# 1762
Delta R.T. 0.005 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion:104 Resp: 1375
Ion Ratio Lower Upper
104 100
78 45.7 38.1 57.1
103 32.1 44.6 66.8#

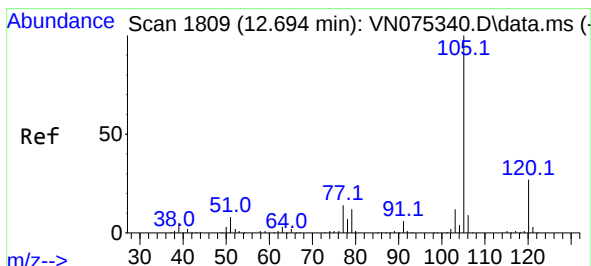
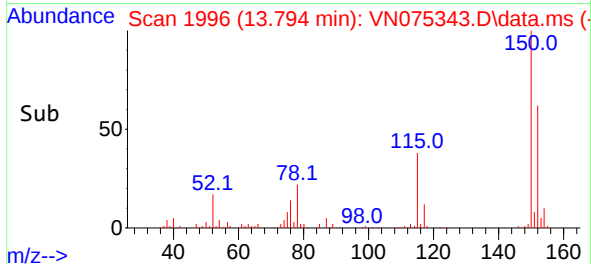
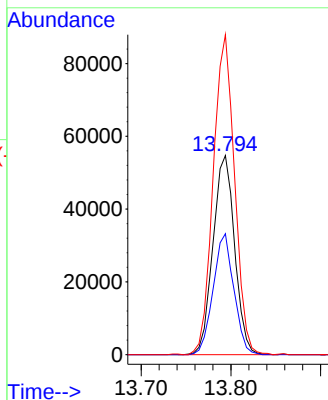
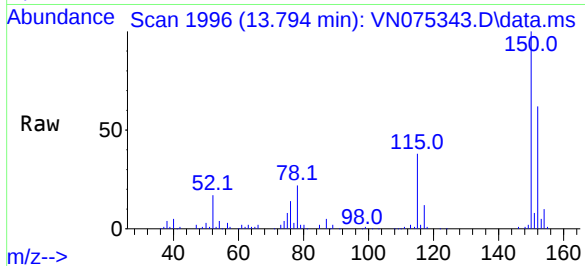




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

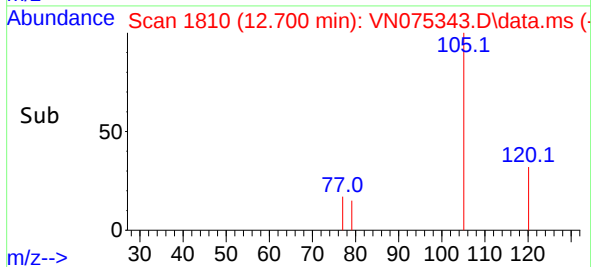
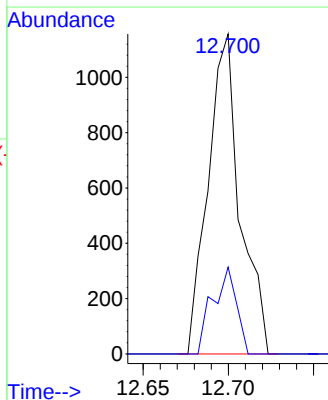
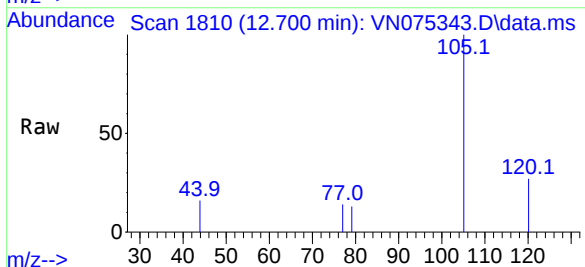
Instrument :
MSVOA_N
ClientSampleId :
IBLK

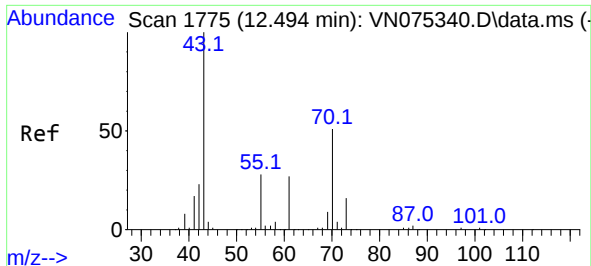
Tgt Ion:152 Resp: 91666
Ion Ratio Lower Upper
152 100
115 58.1 30.2 90.6
150 158.6 0.0 348.4



#73
Isopropylbenzene
Concen: 0.225 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion:105 Resp: 1507
Ion Ratio Lower Upper
105 100
120 20.2 13.1 39.1

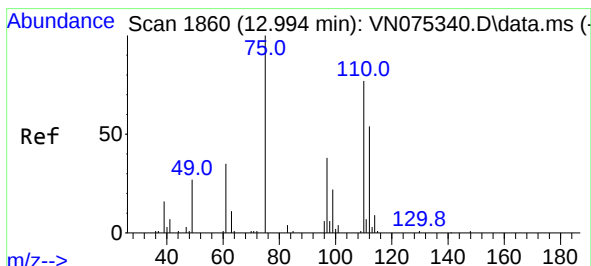
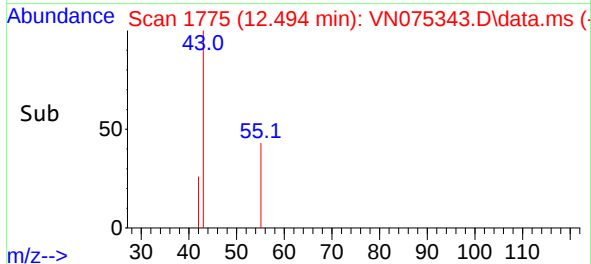
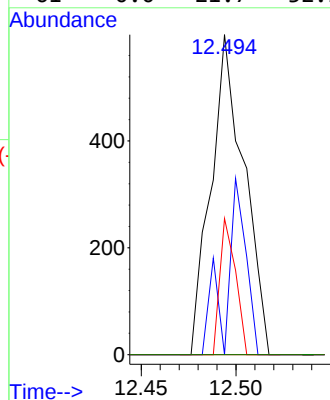
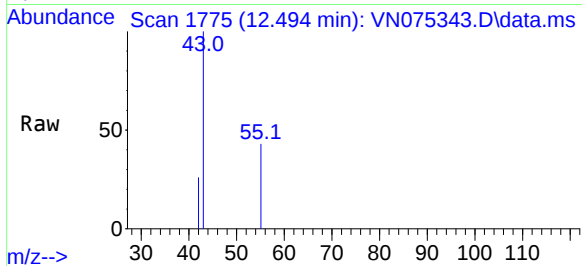




#74
N-amy1 acetate
Concen: 0.354 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

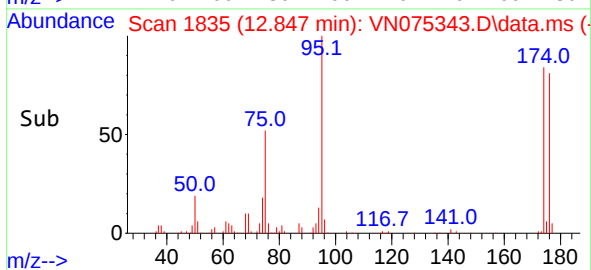
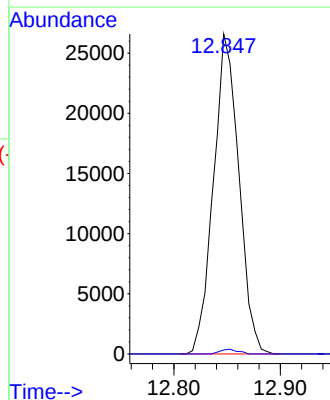
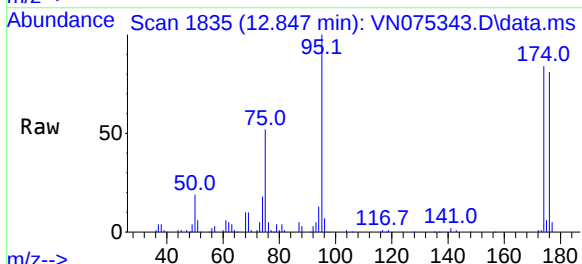
Instrument :
MSVOA_N
ClientSampleId :
IBLK

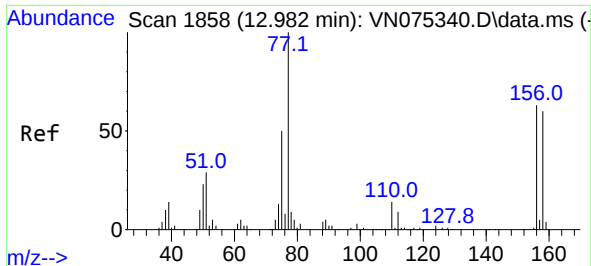
Tgt Ion: 43	Resp: 729
Ion Ratio	Lower Upper
43 100	
70 33.6	39.8 59.8#
55 20.0	19.9 29.9
61 0.0	21.7 32.5#



#76
1,2,3-Trichloropropane
Concen: 25.374 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion: 75	Resp:	43978	
Ion Ratio	Lower	Upper	
75 100			
77 1.0	75.6	226.8#	

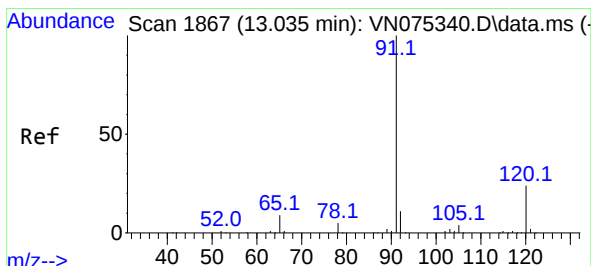
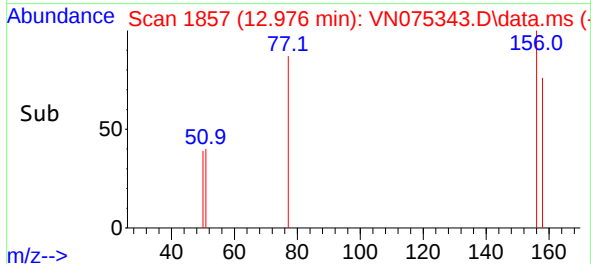
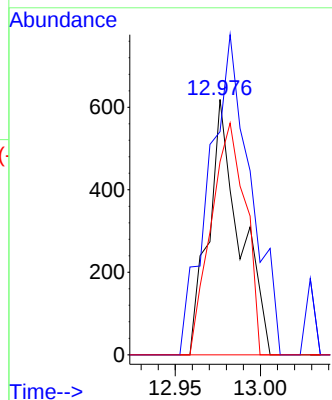
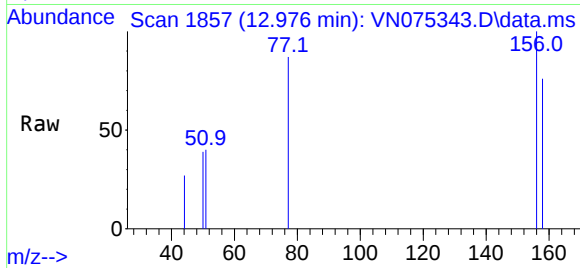




#77
Bromobenzene
Concen: 0.476 ug/l
RT: 12.976 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

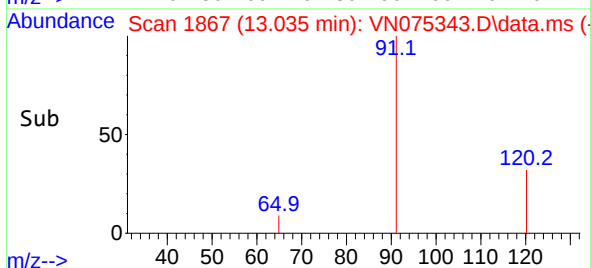
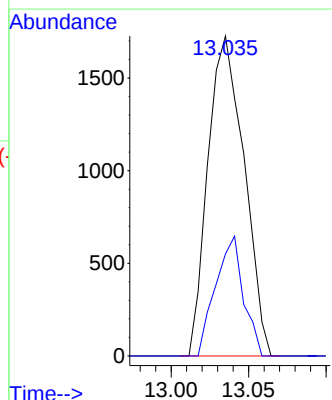
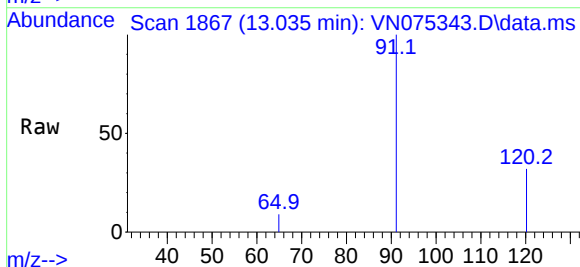
Instrument :
MSVOA_N
ClientSampleId :
IBLK

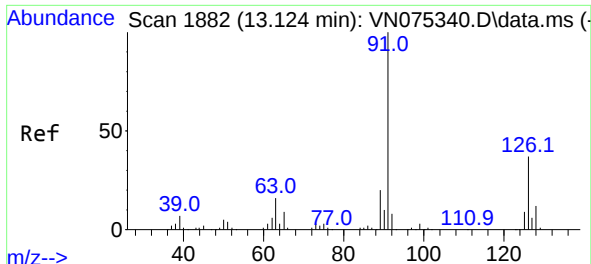
Tgt Ion:156 Resp: 787
Ion Ratio Lower Upper
156 100
77 167.3 108.5 325.5
158 100.4 47.7 143.1



#78
n-propylbenzene
Concen: 0.375 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion: 91 Resp: 2801
Ion Ratio Lower Upper
91 100
120 28.8 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.348 ug/l

RT: 13.123 min Scan# 1882

Delta R.T. -0.001 min

Lab File: VN075343.D

Acq: 21 Nov 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

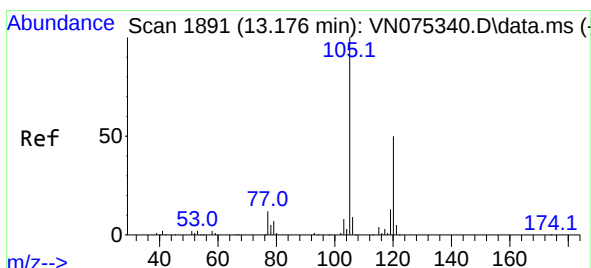
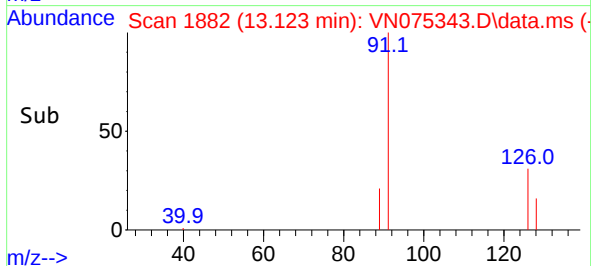
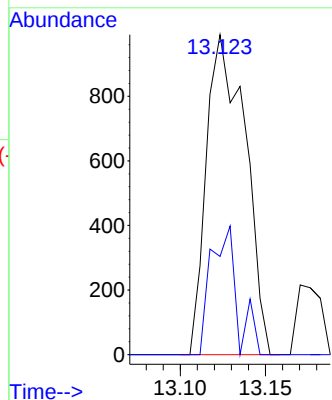
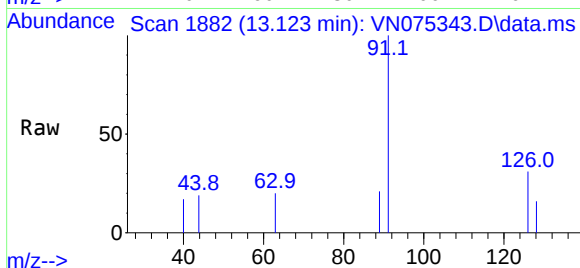
IBLK

Tgt Ion: 91 Resp: 1569

Ion Ratio Lower Upper

91 100

126 27.0 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 0.276 ug/l

RT: 13.170 min Scan# 1890

Delta R.T. -0.006 min

Lab File: VN075343.D

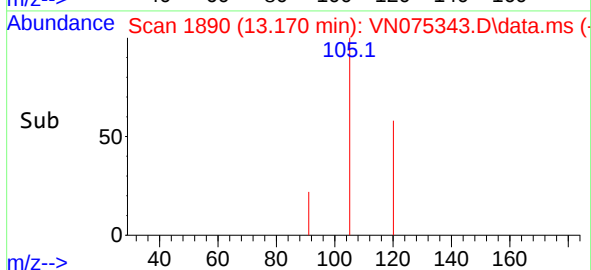
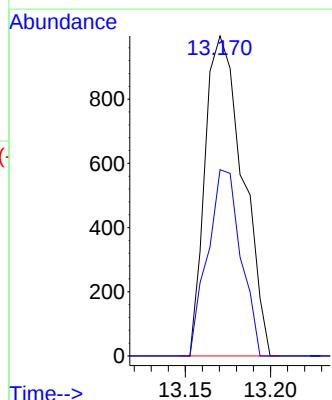
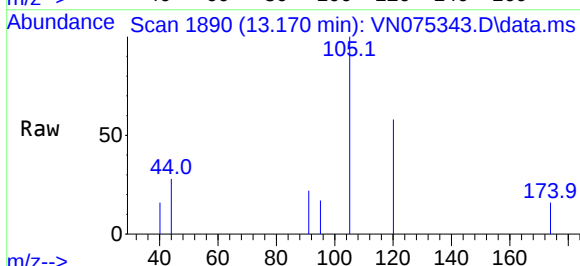
Acq: 21 Nov 2022 13:52

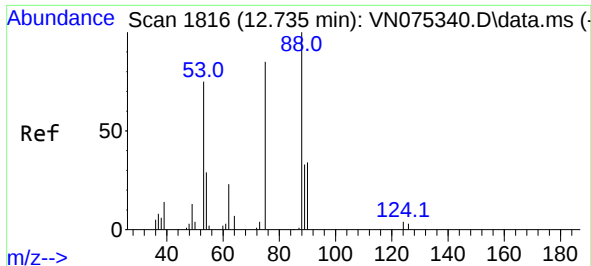
Tgt Ion:105 Resp: 1536

Ion Ratio Lower Upper

105 100

120 51.1 24.7 74.1

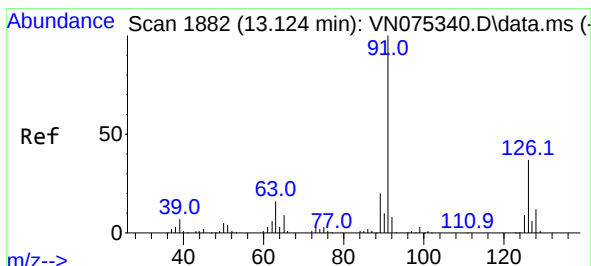
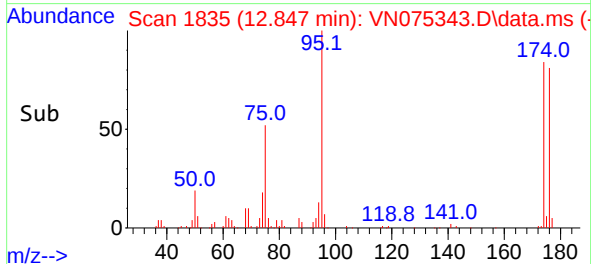
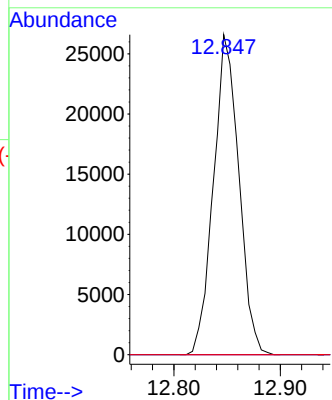
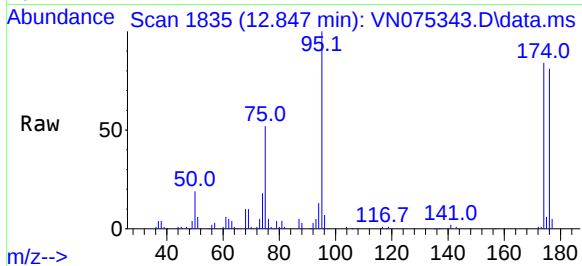




#81
trans-1,4-Dichloro-2-butene
Concen: 75.077 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

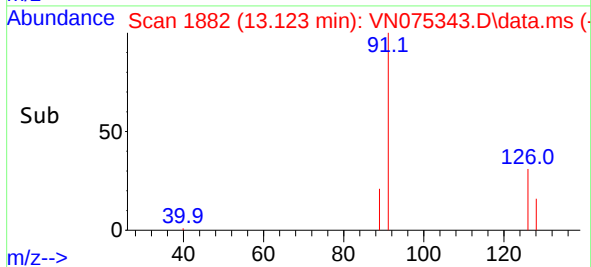
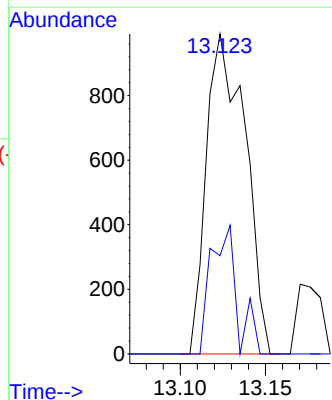
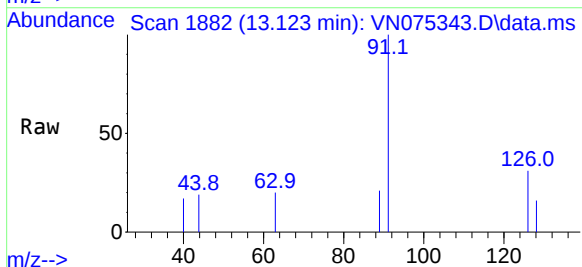
Instrument :
MSVOA_N
ClientSampleId :
IBLK

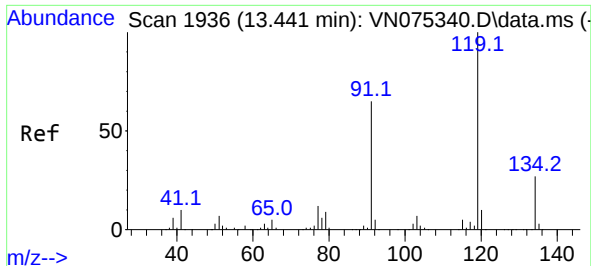
Tgt Ion: 75 Resp: 43978
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: 0.348 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion: 91 Resp: 1569
Ion Ratio Lower Upper
91 100
126 27.0 16.9 50.7



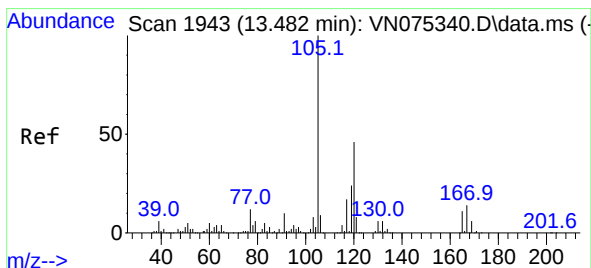
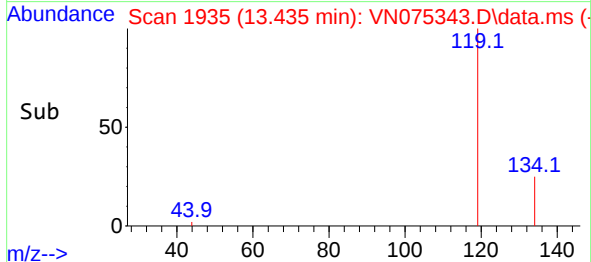
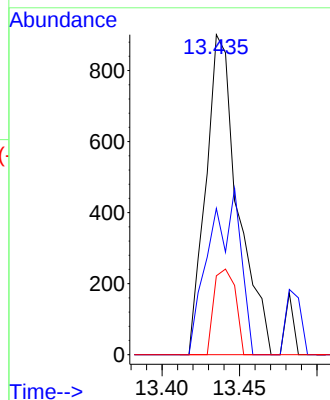
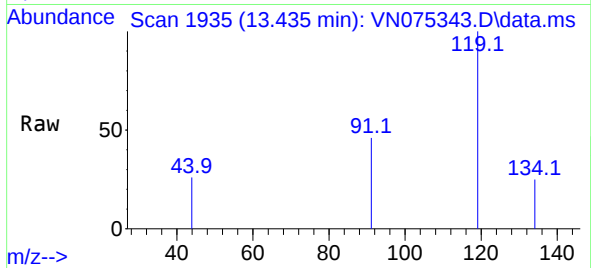


#83
tert-Butylbenzene
Concen: 0.255 ug/l
RT: 13.435 min Scan# 1935
Delta R.T. -0.006 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:119 Resp: 1292

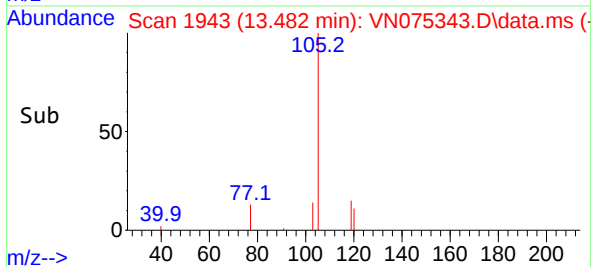
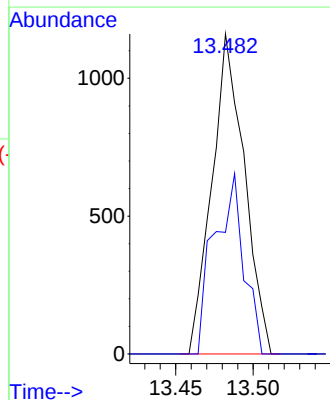
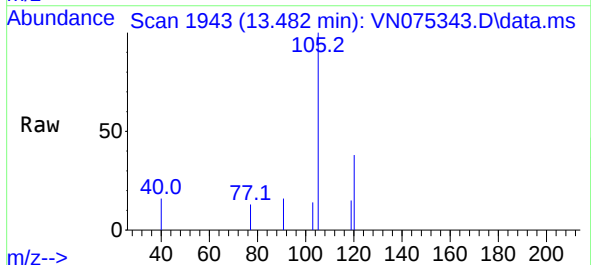
Ion	Ratio	Lower	Upper
119	100		
91	50.4	32.8	98.4
134	18.0	12.3	36.9

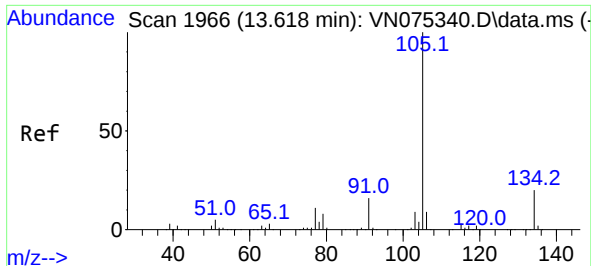


#84
1,2,4-Trimethylbenzene
Concen: 0.303 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion:105 Resp: 1690

Ion	Ratio	Lower	Upper
105	100		
120	51.2	22.7	68.1

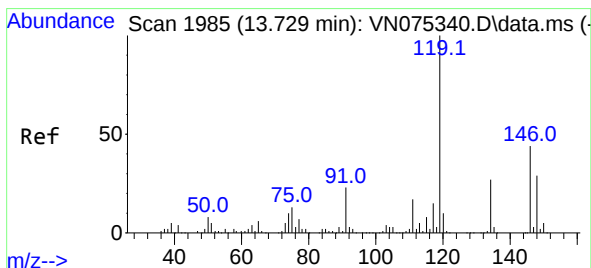
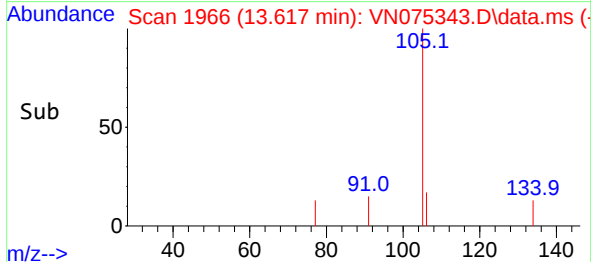
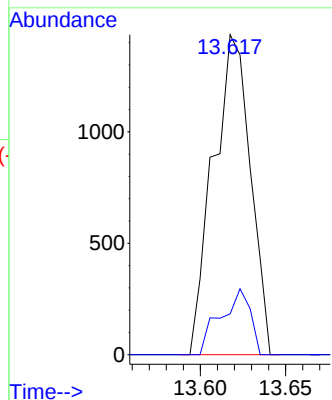
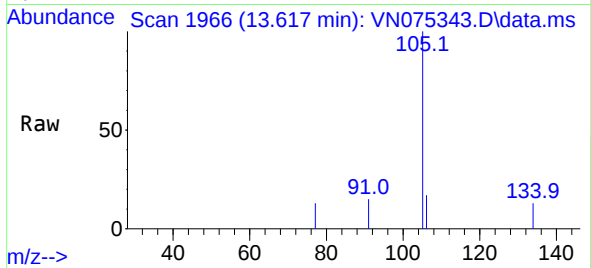




#85
sec-Butylbenzene
Concen: 0.317 ug/l
RT: 13.617 min Scan# 1966
Delta R.T. -0.001 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

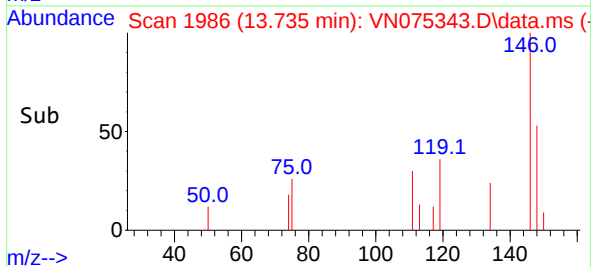
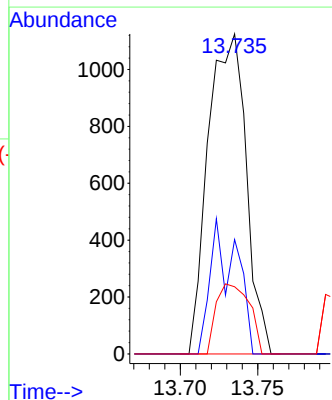
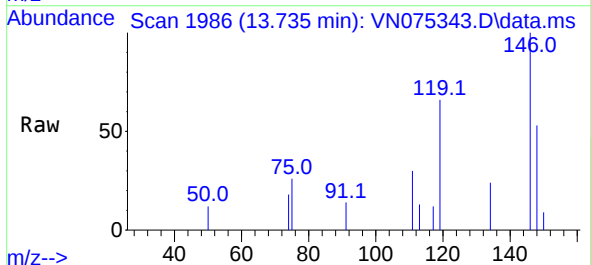
Instrument :
MSVOA_N
ClientSampleId :
IBLK

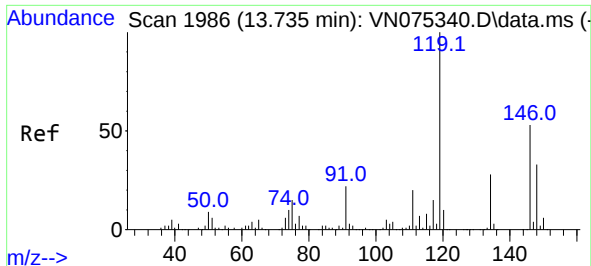
Tgt Ion:105 Resp: 2180
Ion Ratio Lower Upper
105 100
134 16.4 10.2 30.6



#86
p-Isopropyltoluene
Concen: 0.331 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion:119 Resp: 1917
Ion Ratio Lower Upper
119 100
134 28.6 13.1 39.3
91 19.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 0.867 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075343.D

Acq: 21 Nov 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

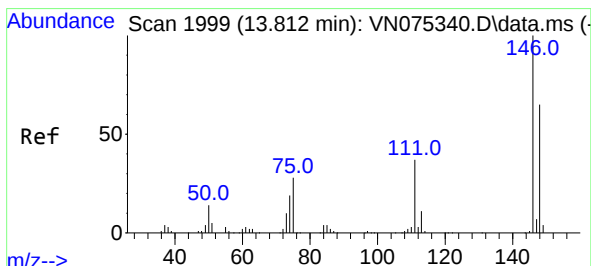
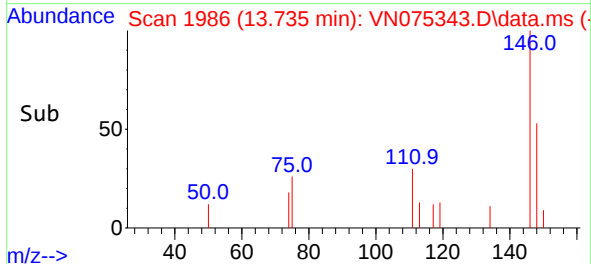
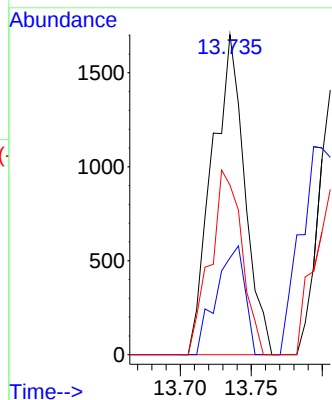
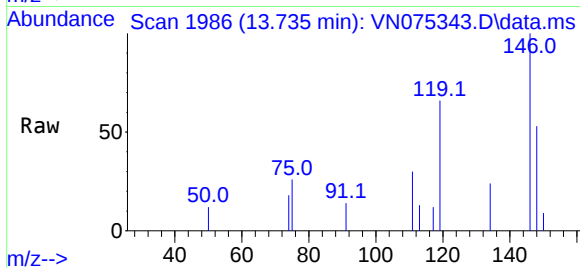
Tgt Ion:146 Resp: 2715

Ion Ratio Lower Upper

146 100

111 29.9 20.8 62.5

148 56.1 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 0.853 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.077 min

Lab File: VN075343.D

Acq: 21 Nov 2022 13:52

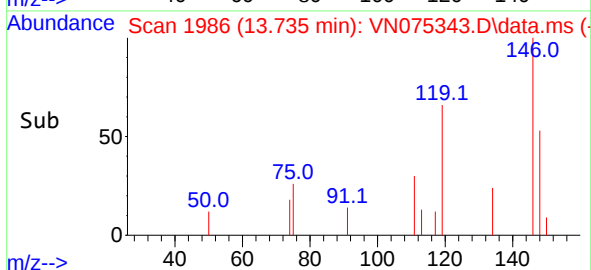
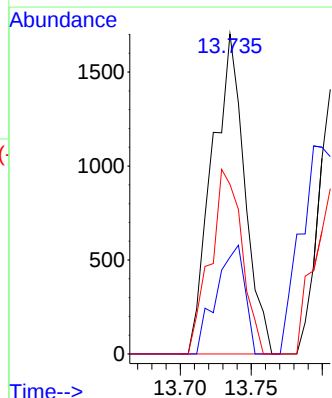
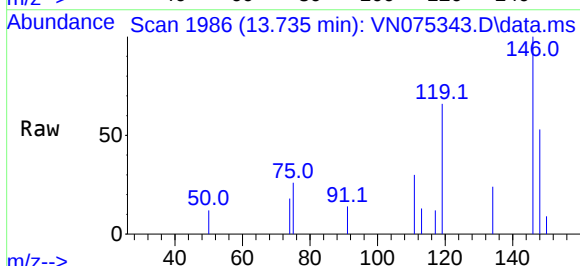
Tgt Ion:146 Resp: 2715

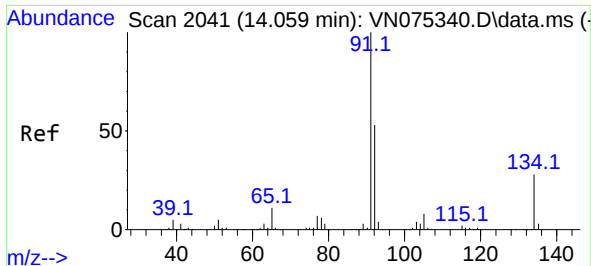
Ion Ratio Lower Upper

146 100

111 29.9 20.1 60.3

148 56.1 31.9 95.7

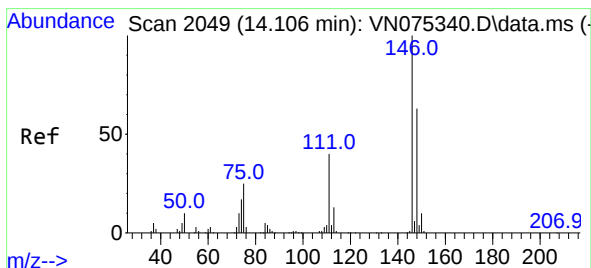
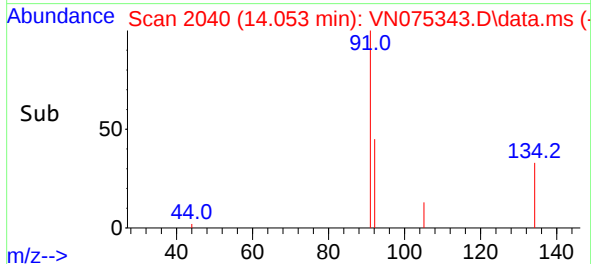
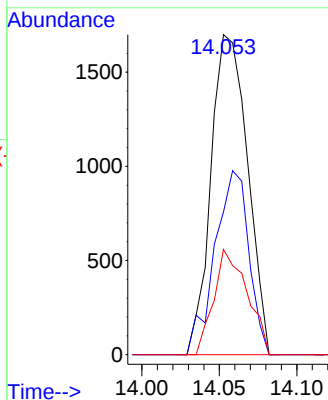
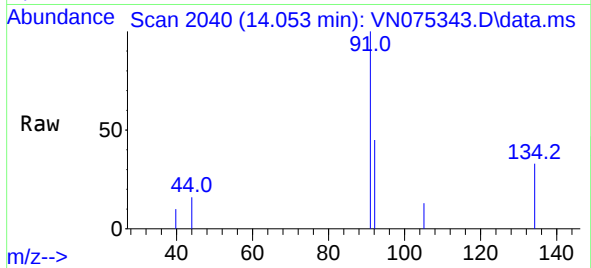




#89
n-Butylbenzene
Concen: 0.570 ug/l
RT: 14.053 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

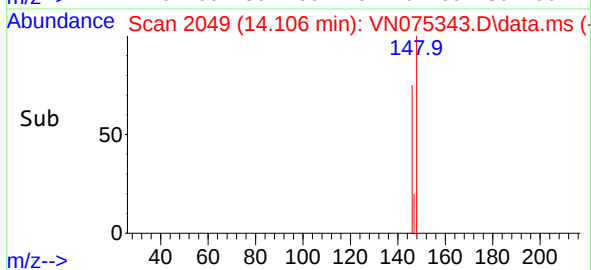
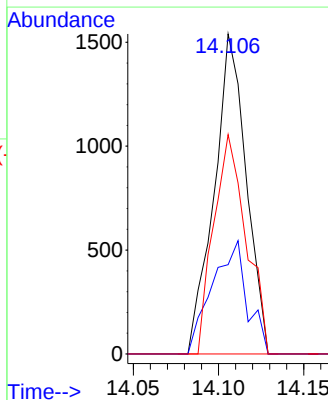
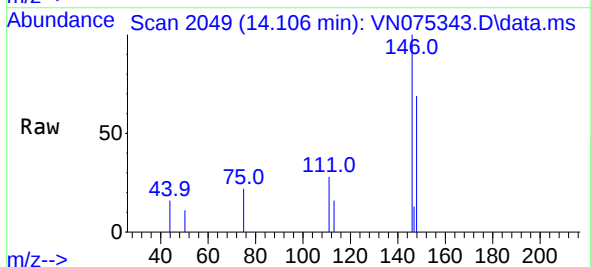
Instrument :
MSVOA_N
ClientSampleId :
IBLK

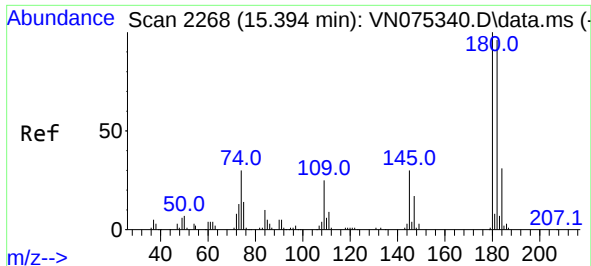
Tgt Ion:	91	Resp:	2788
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.5	79.4
134	30.1	13.0	39.0



#91
1,2-Dichlorobenzene
Concen: 0.662 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion:	146	Resp:	2020
Ion	Ratio	Lower	Upper
146	100		
111	38.6	21.3	63.9
148	69.3	31.4	94.2

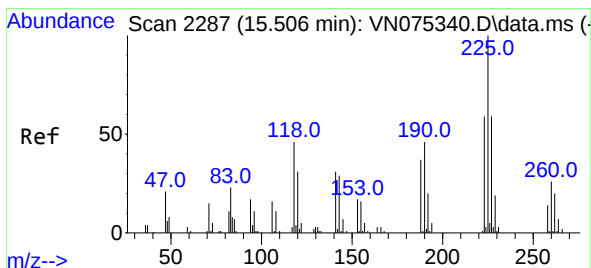
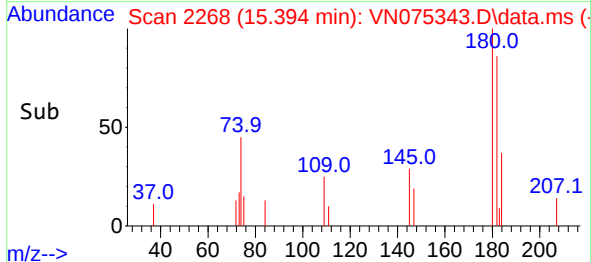
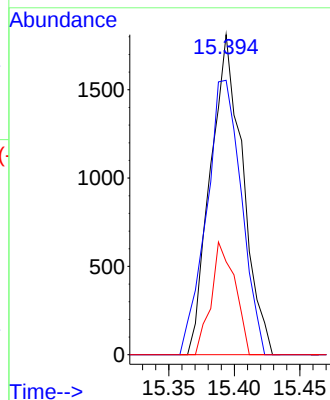
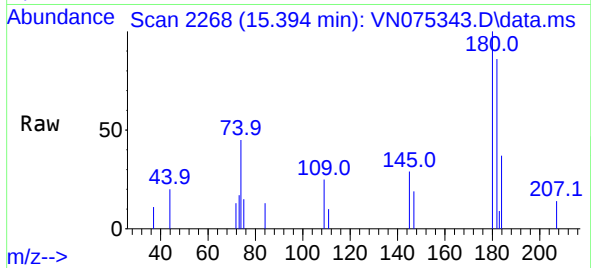




#93
 1,2,4-Trichlorobenzene
 Concen: 1.979 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075343.D
 Acq: 21 Nov 2022 13:52

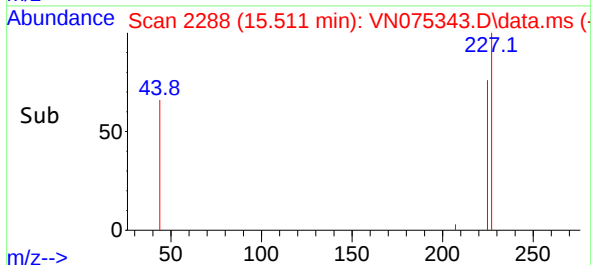
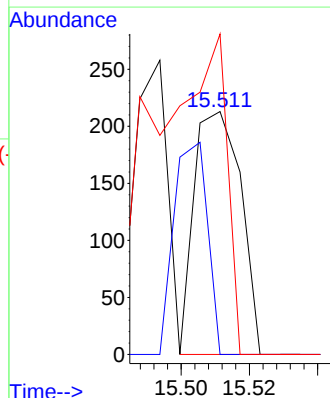
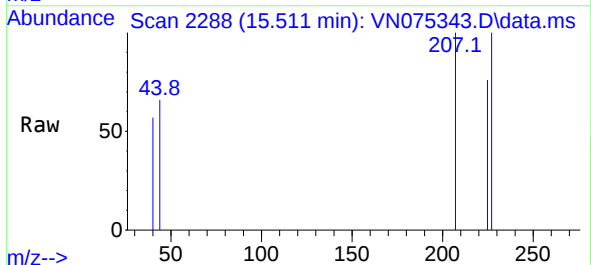
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

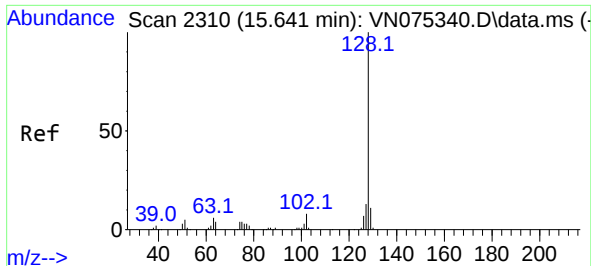
Tgt Ion:	180	Resp:	3097
Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.8	143.4
145	26.0	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 0.249 ug/l
 RT: 15.511 min Scan# 2288
 Delta R.T. 0.005 min
 Lab File: VN075343.D
 Acq: 21 Nov 2022 13:52

Tgt Ion:	225	Resp:	203
Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.3	96.9
227	199.5	32.0	96.2#

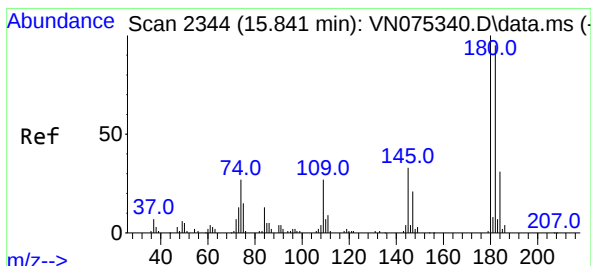
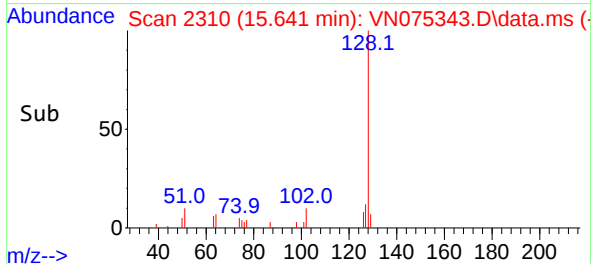
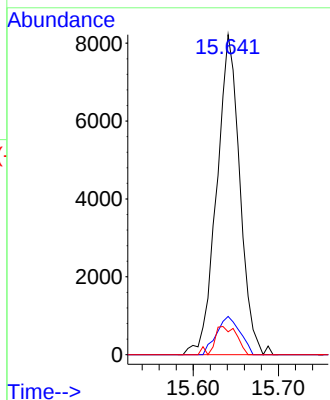
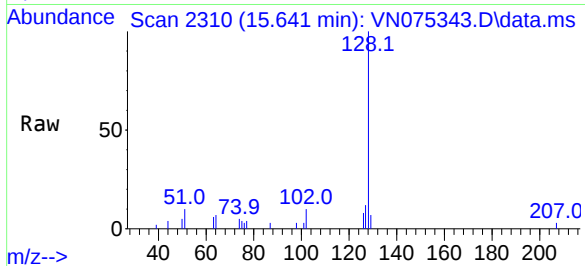




#95
Naphthalene
Concen: 3.149 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	15501
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.4	15.6
129	8.5	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.560 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075343.D
Acq: 21 Nov 2022 13:52

Tgt Ion:	180	Resp:	3937
Ion	Ratio	Lower	Upper
180	100		
182	86.6	47.3	141.8
145	29.7	17.6	52.9

