

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075022.D
 Acq On : 26 Oct 2022 13:25
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 27 09:54:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	109068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	203316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	171032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	81406	55.395	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.780%			
35) Dibromofluoromethane	8.171	113	63007	52.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.580%			
50) Toluene-d8	10.571	98	242712	52.413	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.820%			
62) 4-Bromofluorobenzene	12.853	95	73624	45.260	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.520%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	404	0.268	ug/l #	42
5) Bromomethane	2.948	94	688	Below Cal	#	61
6) Chloroethane	3.101	64	494	0.320	ug/l #	45
13) Acrolein	4.195	56	306	1.092	ug/l	92
15) Acrylonitrile	5.753	53	810	1.119	ug/l #	69
16) Acetone	4.477	43	438	0.704	ug/l #	43
17) Carbon Disulfide	4.718	76	2699	0.928	ug/l #	74
25) 2-Butanone	7.506	43	617	0.630	ug/l #	70
31) Cyclohexane	8.230	56	2810	1.286	ug/l #	8
38) Carbon Tetrachloride	8.235	117	12346	6.074	ug/l #	15
44) Trichloroethene	9.353	130	387	0.273	ug/l	79
51) 4-Methyl-2-Pentanone	10.459	43	653	0.322	ug/l #	34
59) 2-Hexanone	11.200	43	1233	0.801	ug/l	96
65) Chlorobenzene	11.888	112	1024	0.280	ug/l #	43
68) m/p-Xylenes	12.076	106	1197	0.454	ug/l	98
70) Styrene	12.412	104	1228	0.295	ug/l #	77
71) Bromoform	12.853	173	541	0.534	ug/l #	1
73) Isopropylbenzene	12.694	105	1089	0.205	ug/l	86
74) N-amyl acetate	12.494	43	445	0.226	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.935	83	148	Below Cal	#	67
76) 1,2,3-Trichloropropane	12.847	75	41384	29.432	ug/l #	1
77) Bromobenzene	12.988	156	645	0.551	ug/l	69
78) n-propylbenzene	13.041	91	2198	0.368	ug/l	84
79) 2-Chlorotoluene	13.123	91	1496	0.410	ug/l	77
80) 1,3,5-Trimethylbenzene	13.176	105	984	0.220	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.847	75	41384	75.552	ug/l #	10
82) 4-Chlorotoluene	13.123	91	1496	0.410	ug/l	77
84) 1,2,4-Trimethylbenzene	13.482	105	1543	0.342	ug/l	85
85) sec-Butylbenzene	13.617	105	1472	0.265	ug/l #	66
86) p-Isopropyltoluene	13.735	119	1107	0.241	ug/l #	67
87) 1,3-Dichlorobenzene	13.735	146	1519	0.663	ug/l	95
88) 1,4-Dichlorobenzene	13.735	146	1519	0.670	ug/l	95
89) n-Butylbenzene	14.059	91	1781	0.482	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	1306	0.573	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.729	75	257	0.717	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.394	180	1637	1.670	ug/l	92

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

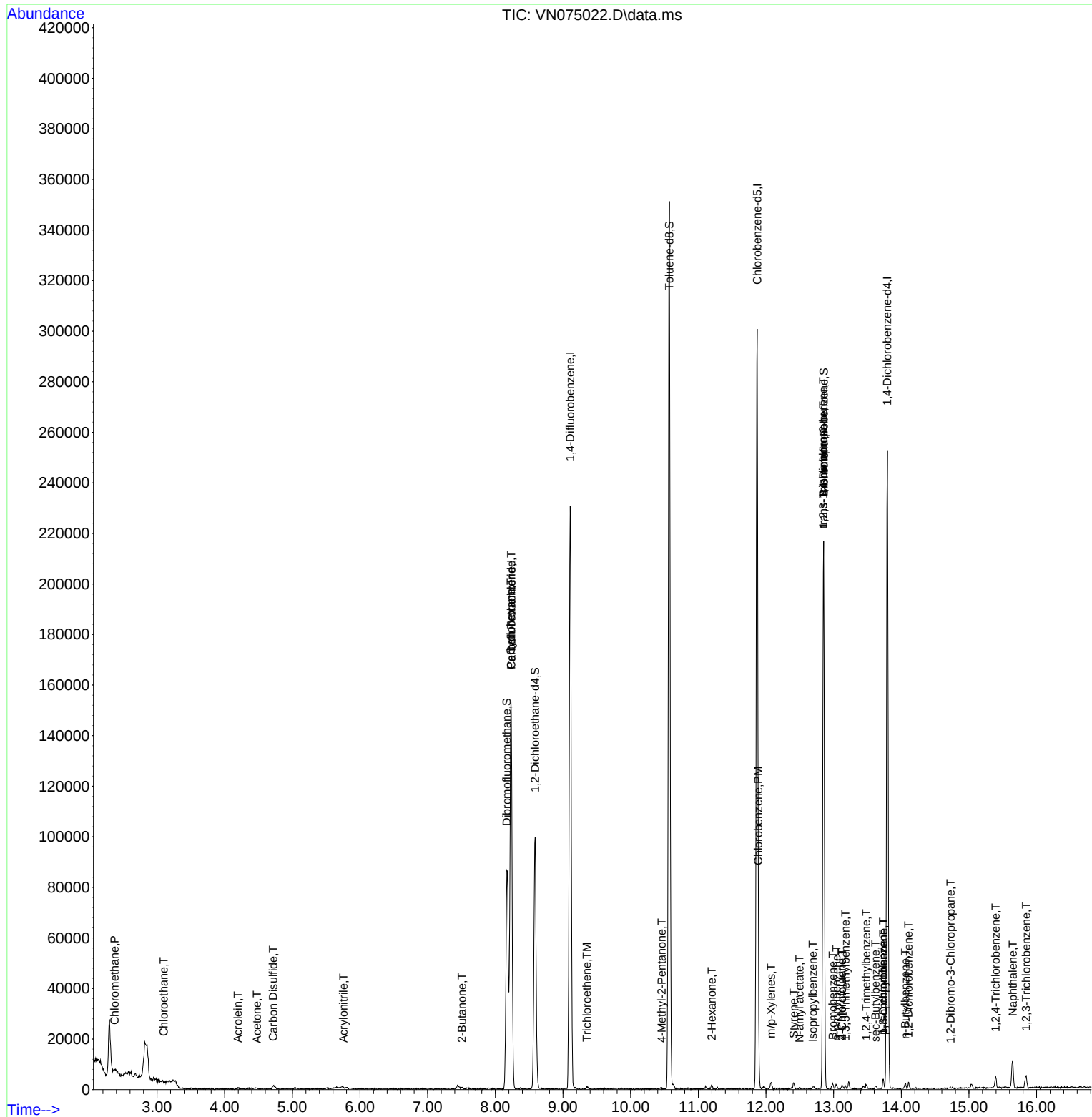
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.647	128	11007	2.919	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	2359	2.421	ug/l	96

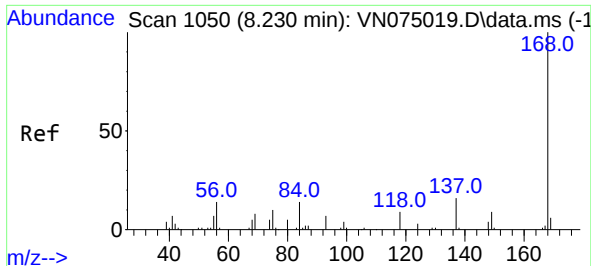
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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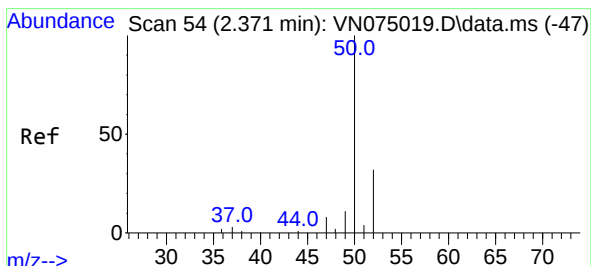
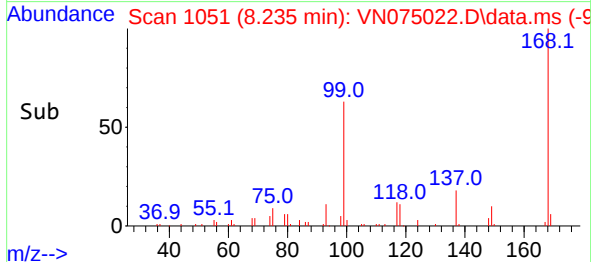
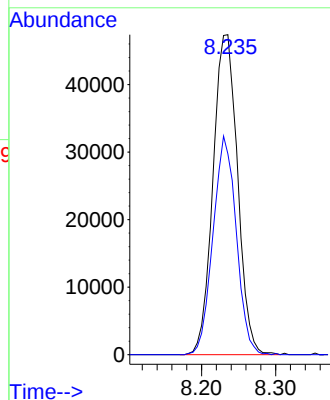
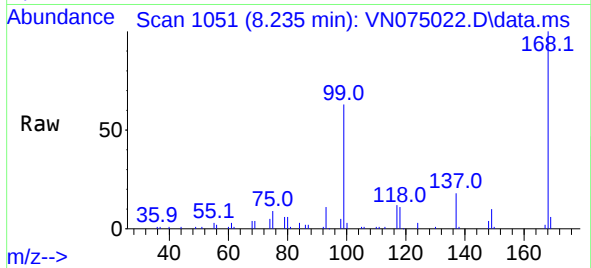




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

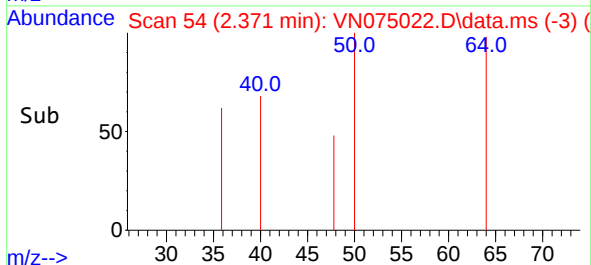
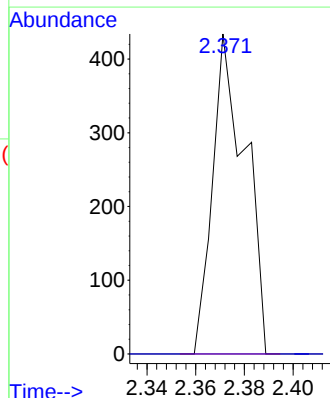
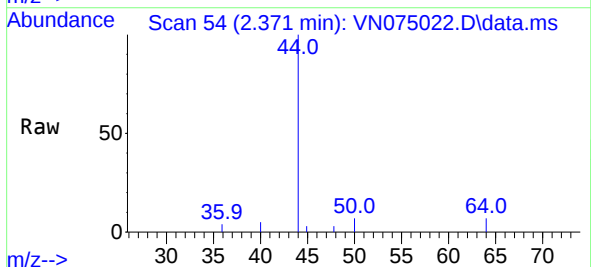
Instrument :
MSVOA_N
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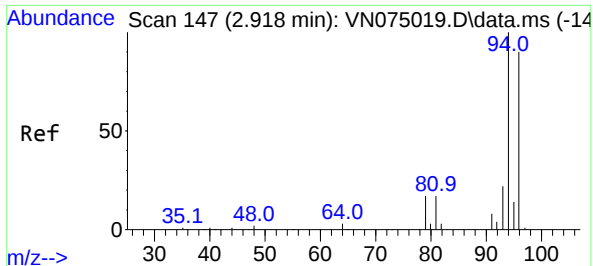
Tgt Ion:168 Resp: 109068
Ion Ratio Lower Upper
168 100
99 62.8 51.6 77.4



#3
Chloromethane
Concen: 0.268 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 50 Resp: 404
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

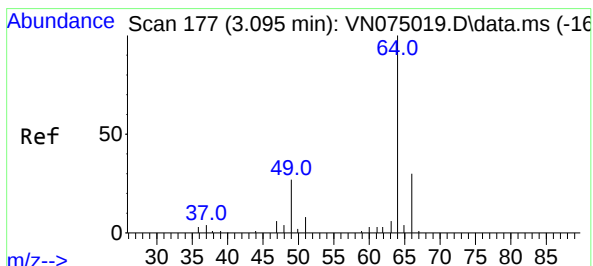
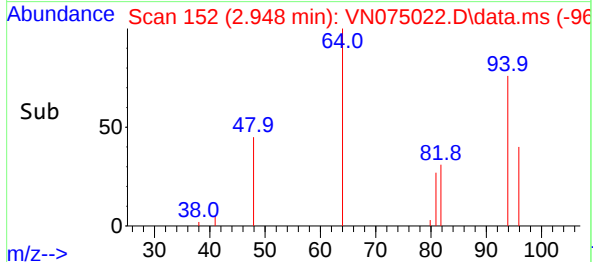
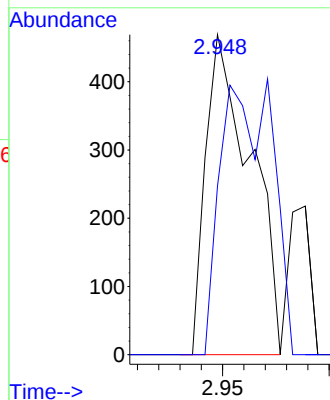
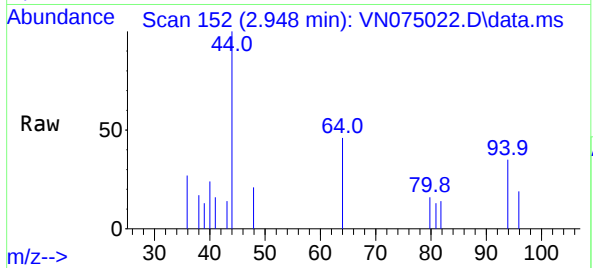




#5
Bromomethane
Concen: Below Cal
RT: 2.948 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

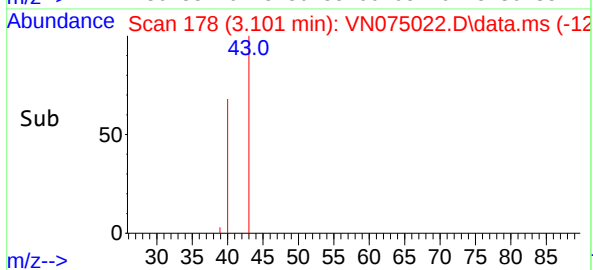
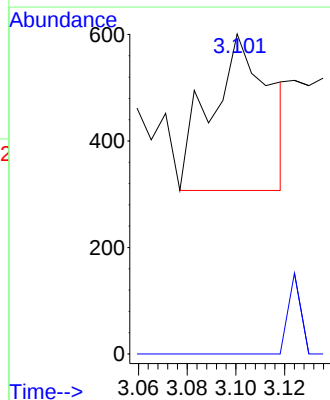
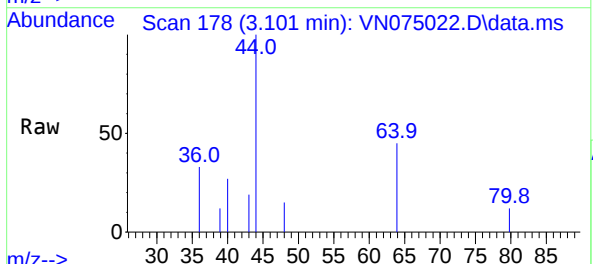
Instrument :
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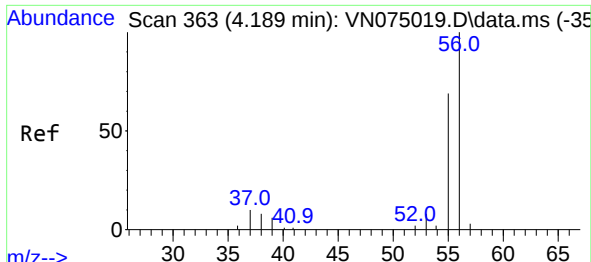
Tgt Ion: 94 Resp: 688
Ion Ratio Lower Upper
94 100
96 52.7 71.8 107.6#



#6
Chloroethane
Concen: 0.320 ug/l
RT: 3.101 min Scan# 178
Delta R.T. 0.006 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 64 Resp: 494
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

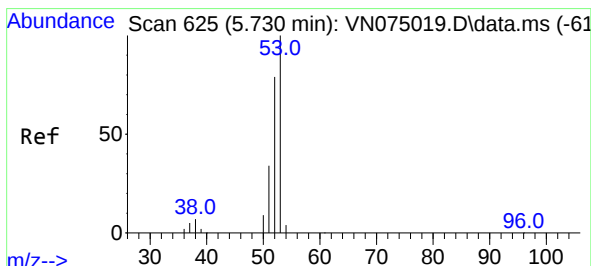
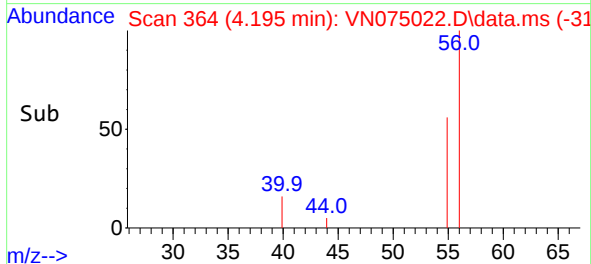
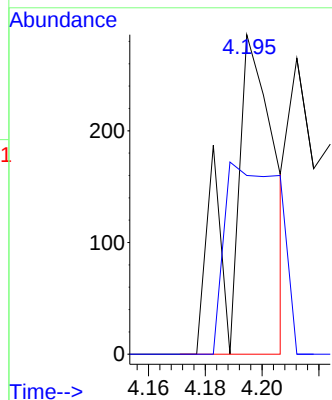
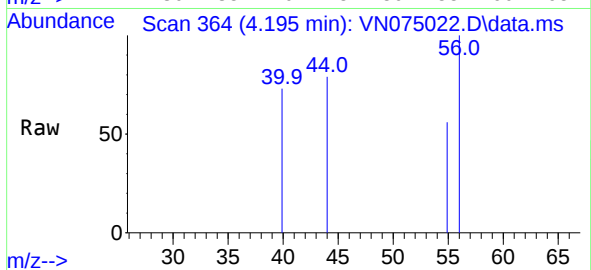




#13
Acrolein
Concen: 1.092 ug/l
RT: 4.195 min Scan# 306
Delta R.T. 0.006 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

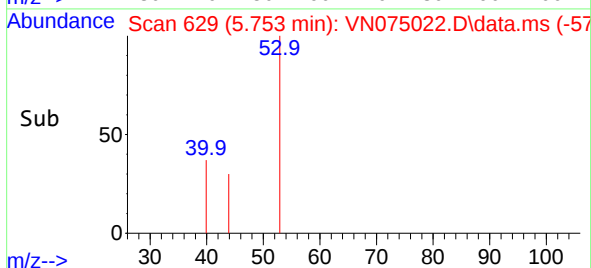
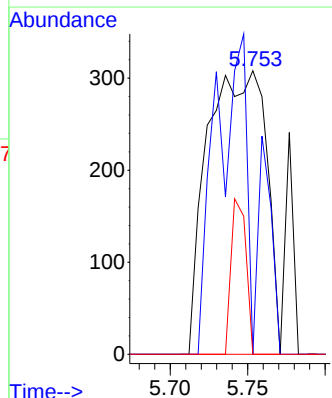
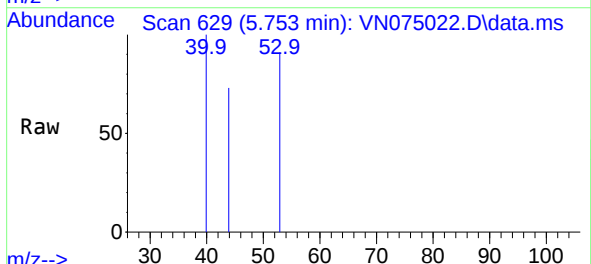
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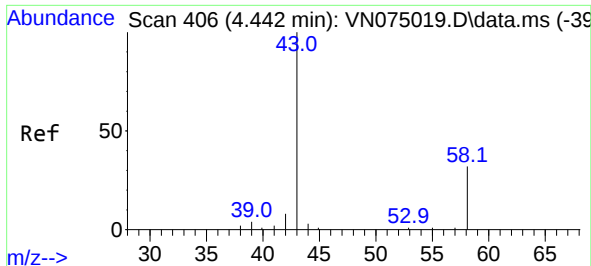
Tgt Ion: 56 Resp: 306
Ion Ratio Lower Upper
56 100
55 75.2 55.2 82.8



#15
Acrylonitrile
Concen: 1.119 ug/l
RT: 5.753 min Scan# 629
Delta R.T. 0.023 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 53 Resp: 810
Ion Ratio Lower Upper
53 100
52 57.8 66.4 99.6#
51 14.0 29.6 44.4#

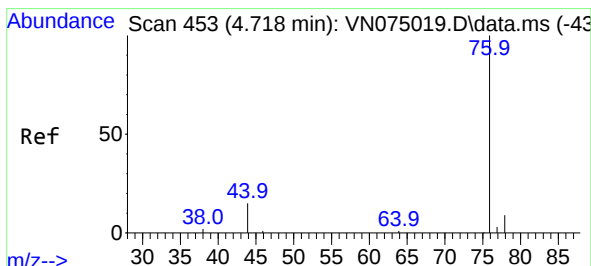
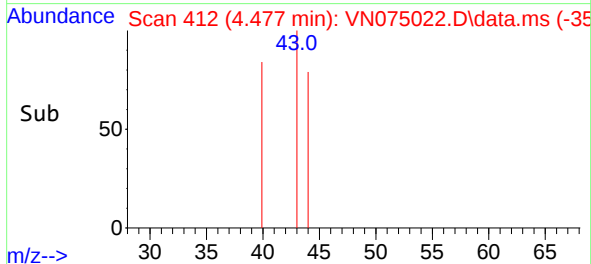
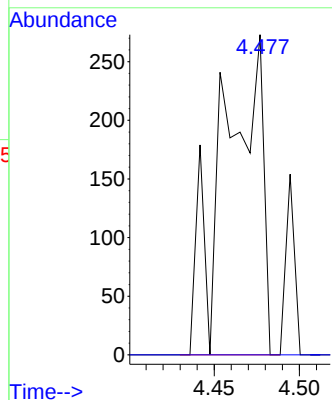
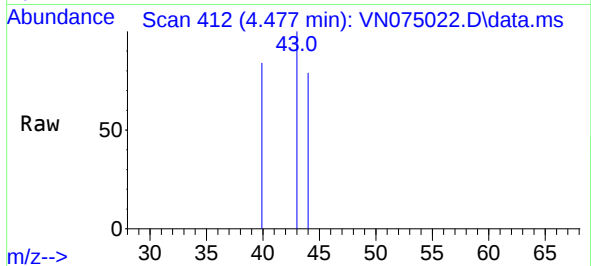




#16
Acetone
Concen: 0.704 ug/l
RT: 4.477 min Scan# 412
Delta R.T. 0.035 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

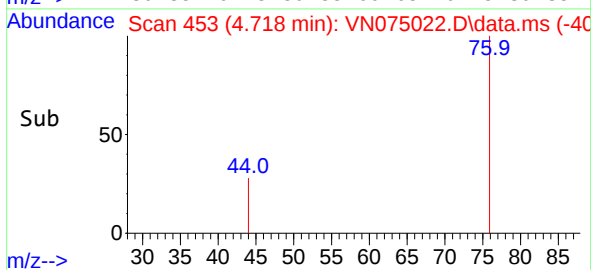
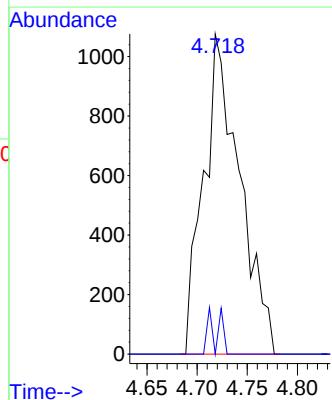
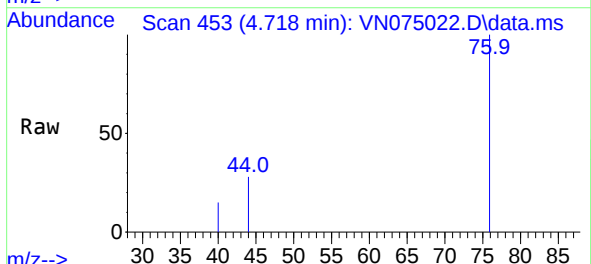
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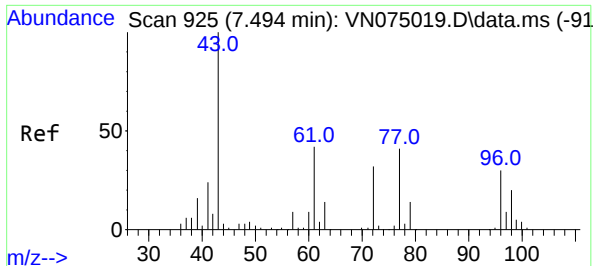
Tgt Ion: 43 Resp: 438
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#17
Carbon Disulfide
Concen: 0.928 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 76 Resp: 2699
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

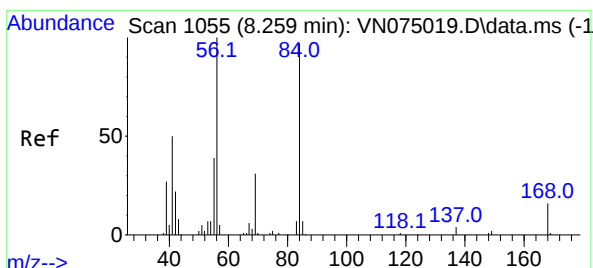
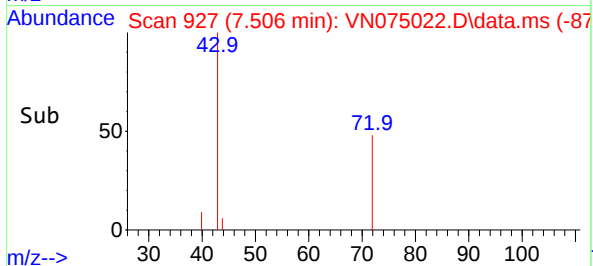
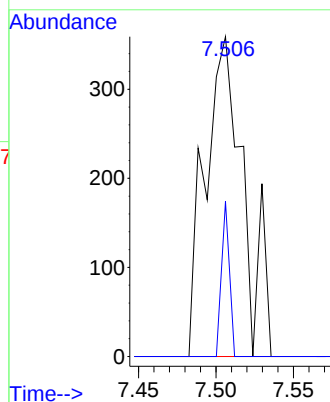
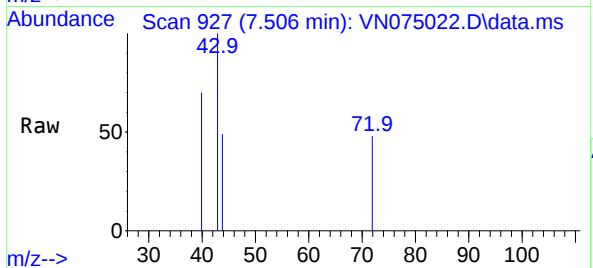




#25
2-Butanone
Concen: 0.630 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

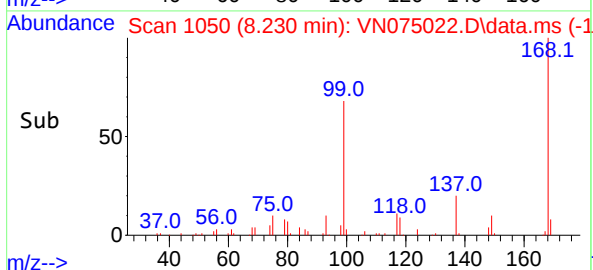
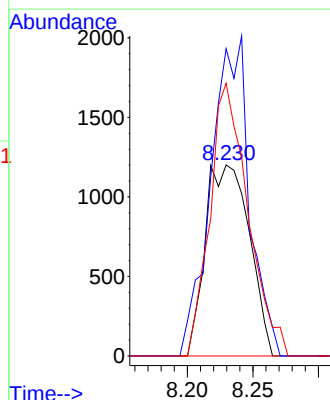
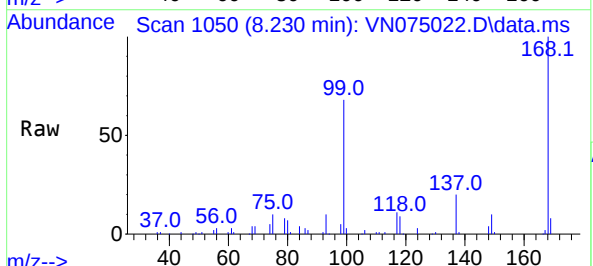
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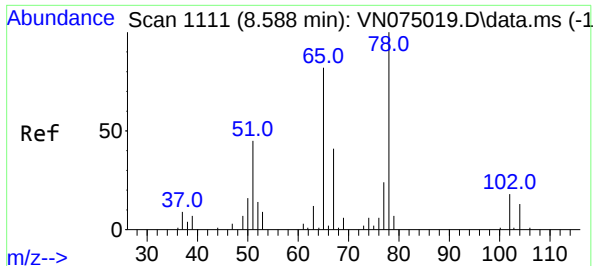
Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
72 48.5 25.5 38.3#



#31
Cyclohexane
Concen: 1.286 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075022.D
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Tgt Ion: 56 Resp: 2810
Ion Ratio Lower Upper
56 100
69 160.9 25.2 37.8#
84 142.7 77.8 116.8#

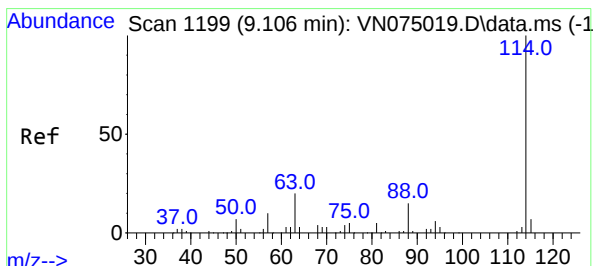
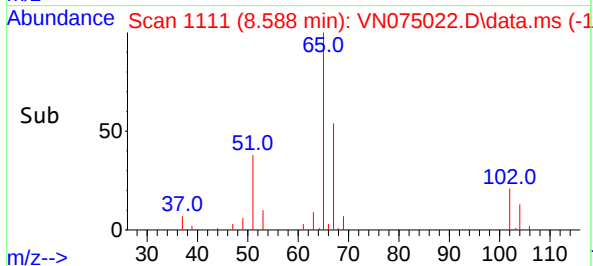
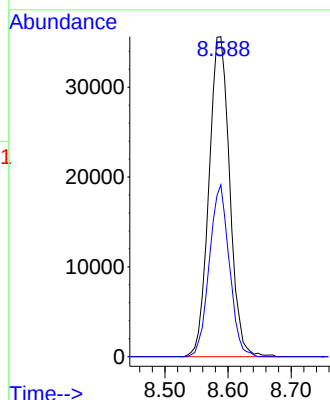
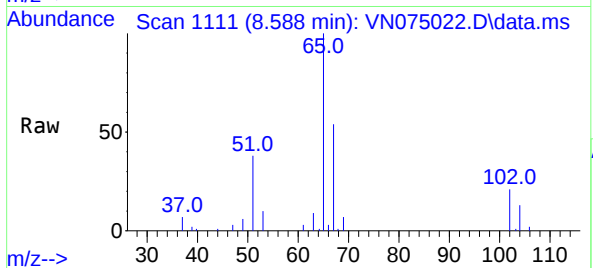




#33
1,2-Dichloroethane-d4
Concen: 55.395 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

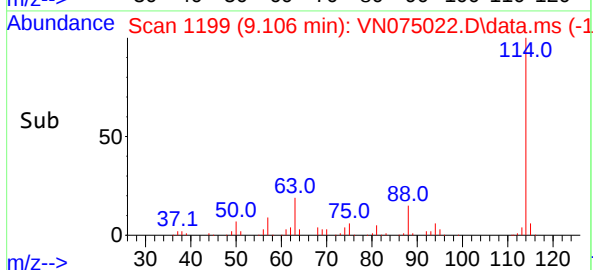
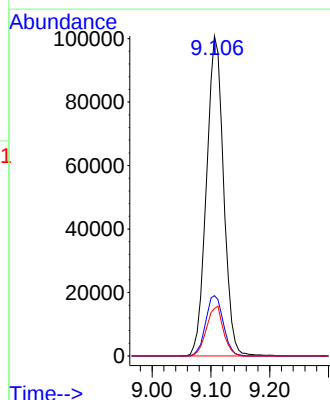
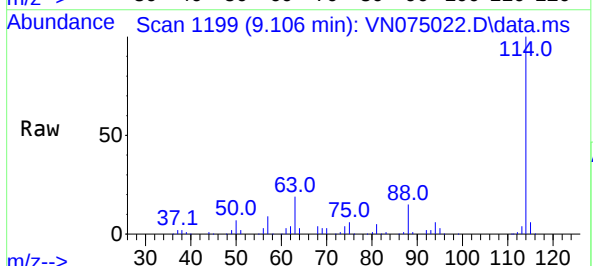
Instrument :
MSVOA_N
ClientSampleId :
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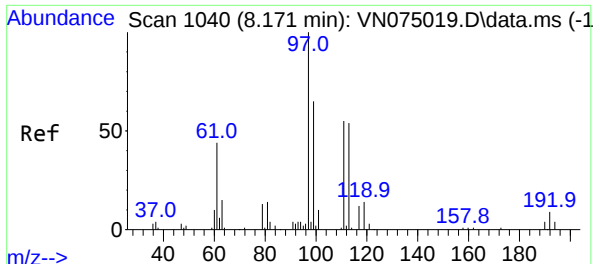
Tgt Ion: 65 Resp: 81406
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 114 Resp: 203316
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.6
88 14.8 0.0 29.0

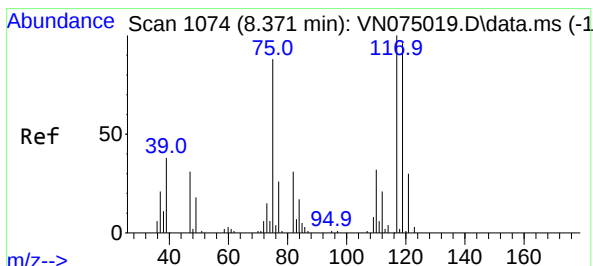
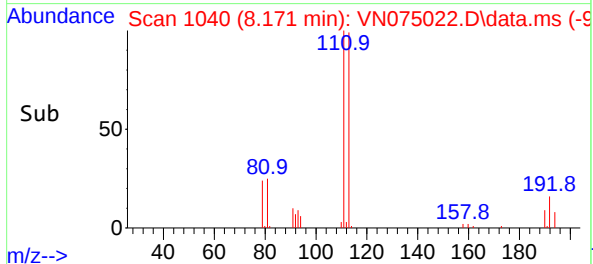
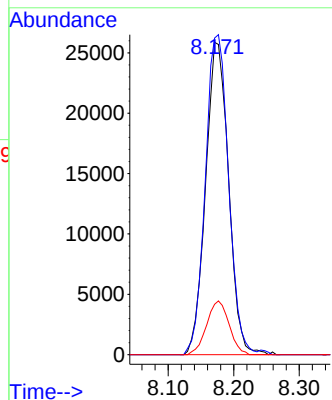
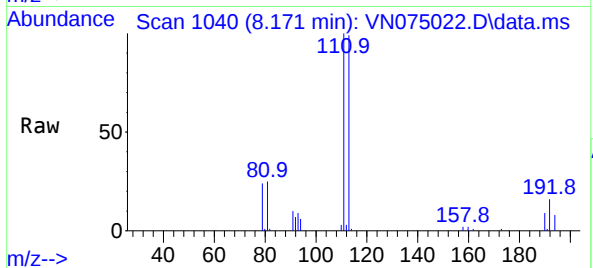




#35
Dibromofluoromethane
Concen: 52.789 ug/l
RT: 8.171 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

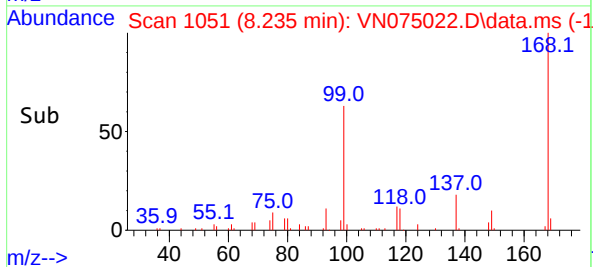
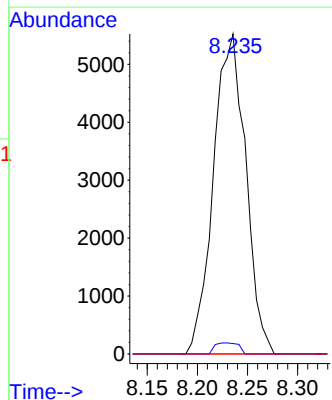
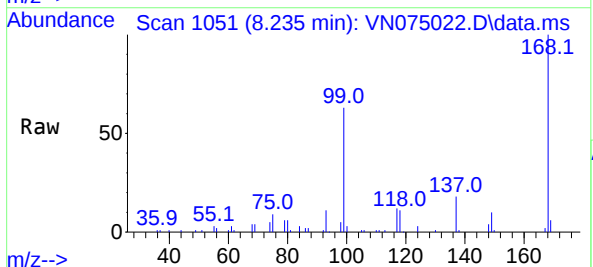
Instrument :
MSVOA_N
ClientSampleId :
IBLK

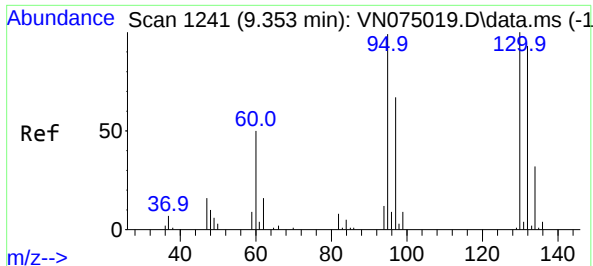
Tgt Ion:113 Resp: 63007
Ion Ratio Lower Upper
113 100
111 103.5 80.5 120.7
192 16.8 13.2 19.8



#38
Carbon Tetrachloride
Concen: 6.074 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.136 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion:117 Resp: 12346
Ion Ratio Lower Upper
117 100
119 3.2 76.7 115.1#
121 0.0 23.9 35.9#

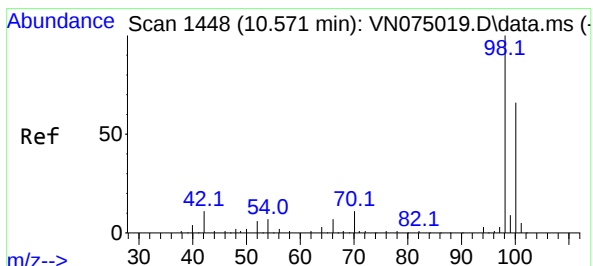
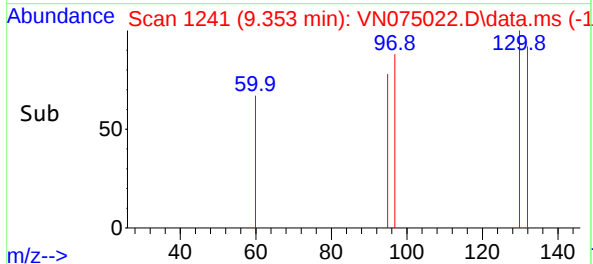
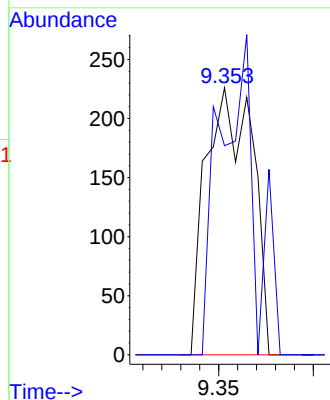
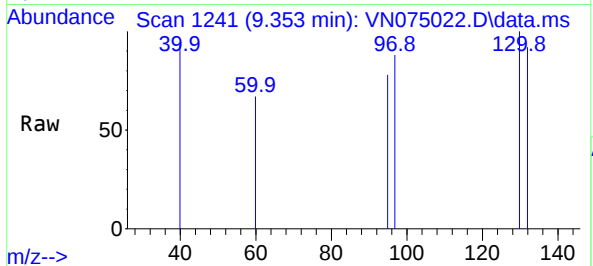




#44
Trichloroethene
Concen: 0.273 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

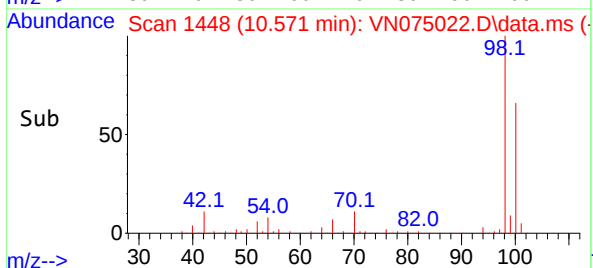
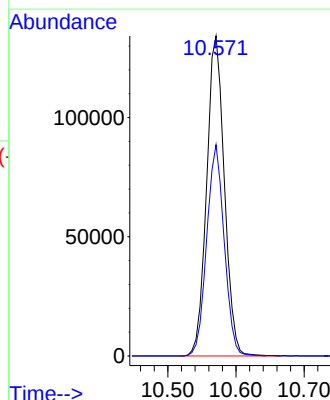
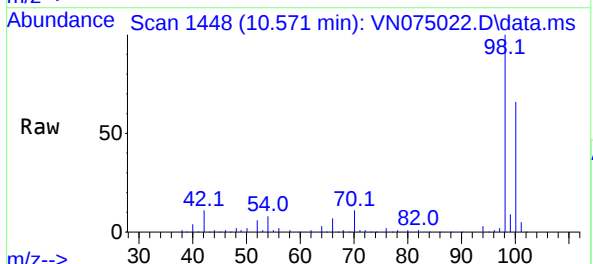
Instrument :
MSVOA_N
ClientSampleId :
IBLK

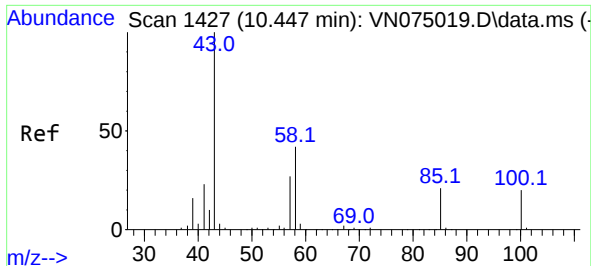
Tgt Ion:130 Resp: 387
Ion Ratio Lower Upper
130 100
95 78.3 0.0 198.4



#50
Toluene-d8
Concen: 52.413 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 98 Resp: 242712
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6

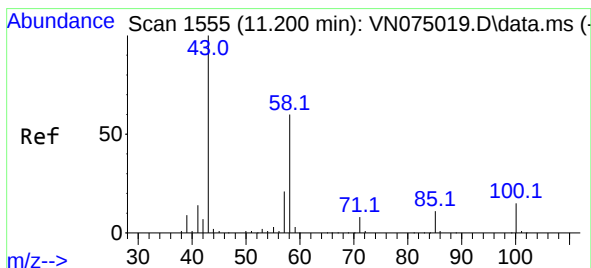
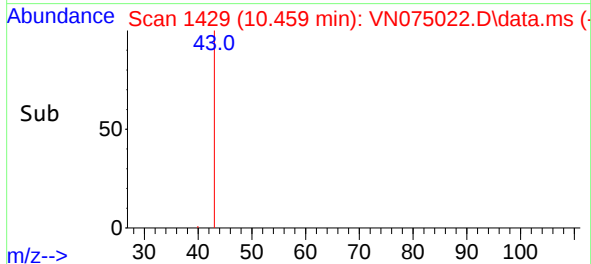
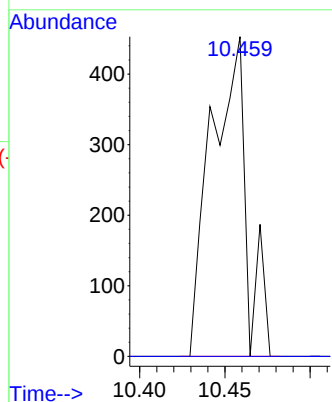
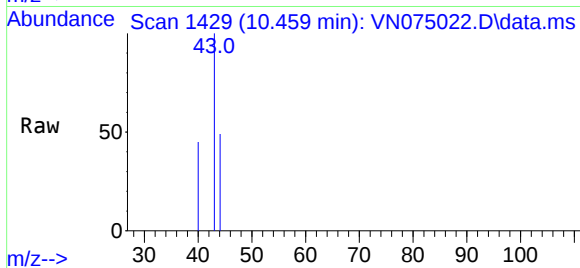




#51
4-Methyl-2-Pentanone
Concen: 0.322 ug/l
RT: 10.459 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

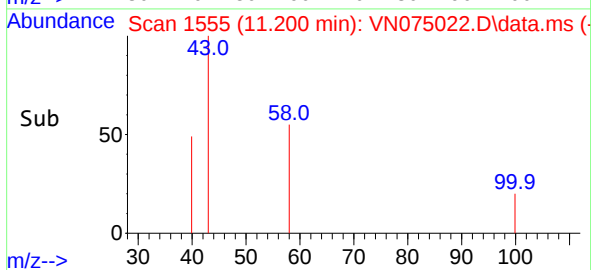
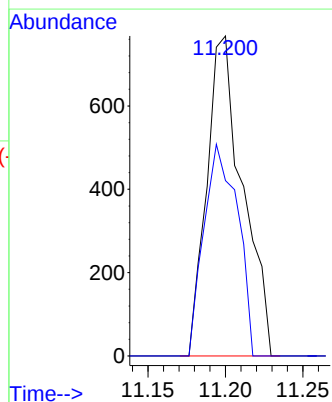
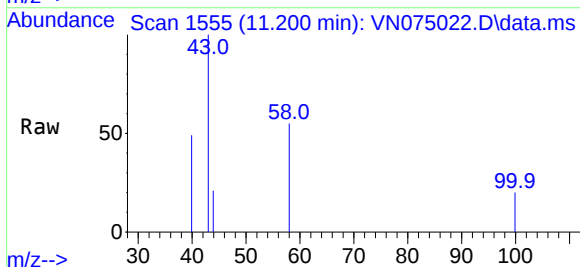
Instrument :
MSVOA_N
ClientSampleId :
IBLK

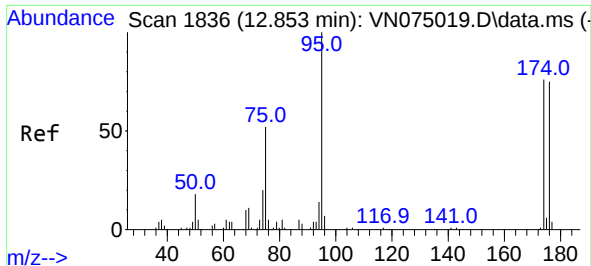
Tgt Ion: 43 Resp: 653
Ion Ratio Lower Upper
43 100
58 0.0 33.6 50.4#



#59
2-Hexanone
Concen: 0.801 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 62.0 29.6 88.8

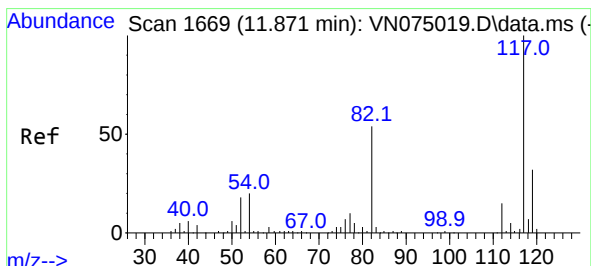
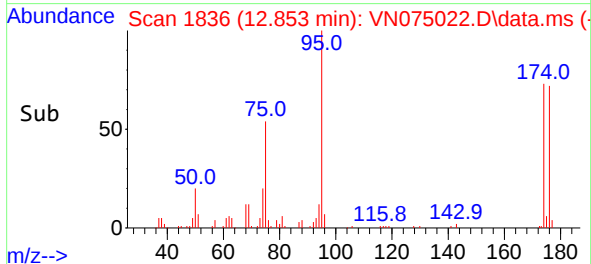
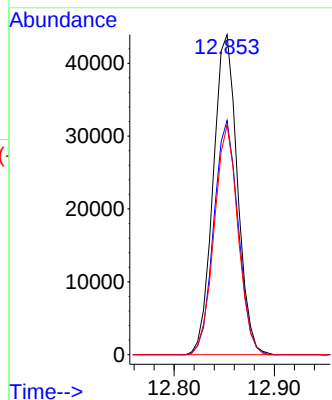
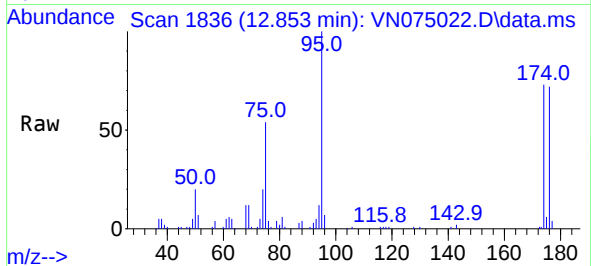




#62
4-Bromofluorobenzene
Concen: 45.260 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

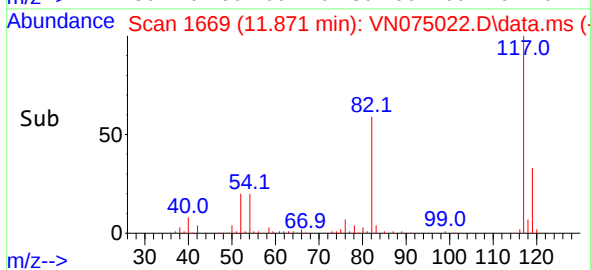
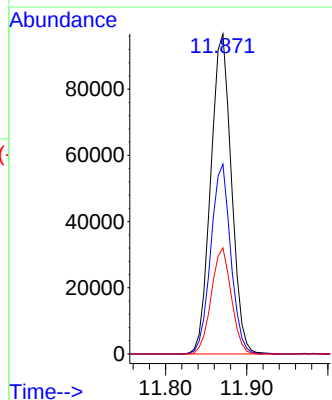
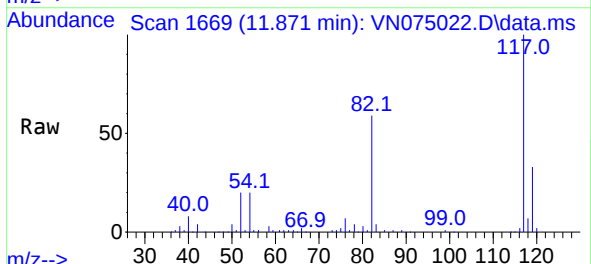
Instrument :
MSVOA_N
ClientSampleId :
IBLK

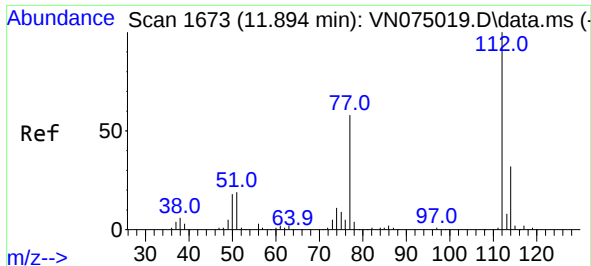
Tgt Ion: 95 Resp: 73624
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.4
176 70.6 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 117 Resp: 171032
Ion Ratio Lower Upper
117 100
82 59.3 43.1 64.7
119 33.2 25.5 38.3

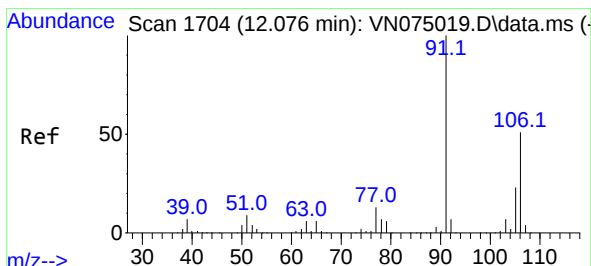
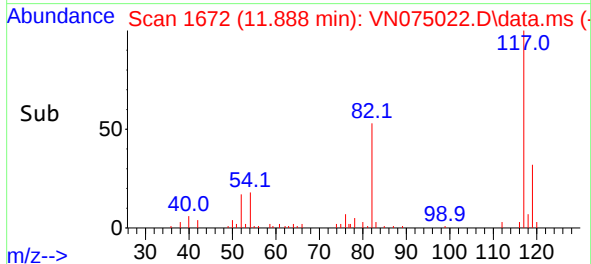
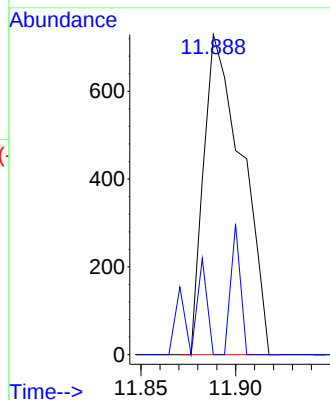
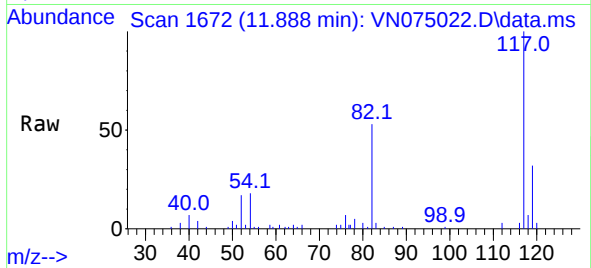




#65
Chlorobenzene
Concen: 0.280 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

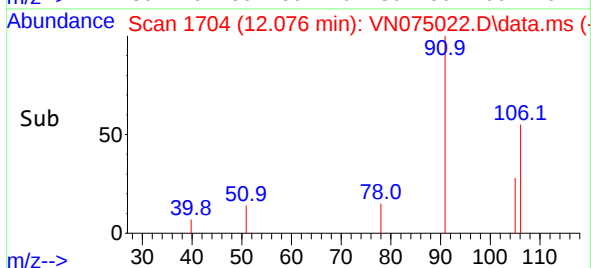
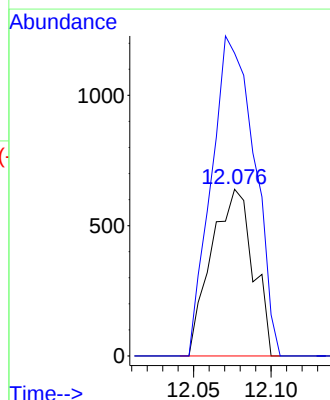
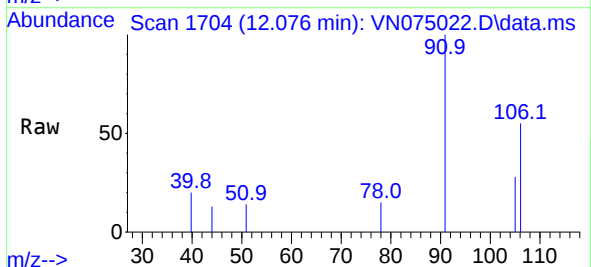
Instrument :
MSVOA_N
ClientSampleId :
IBLK

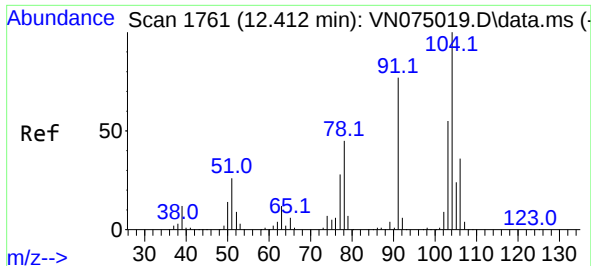
Tgt Ion:112 Resp: 1024
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#



#68
m/p-Xylenes
Concen: 0.454 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion:106 Resp: 1197
Ion Ratio Lower Upper
106 100
91 198.1 156.0 234.0

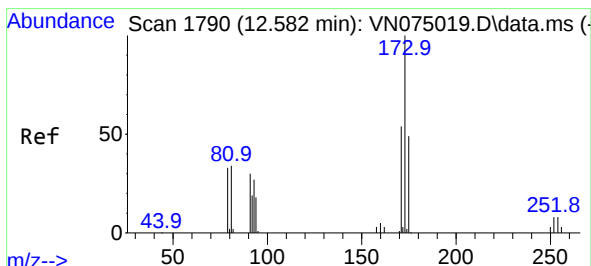
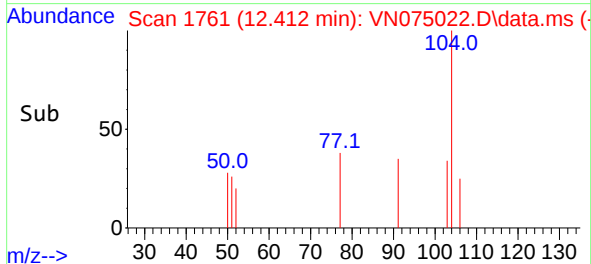
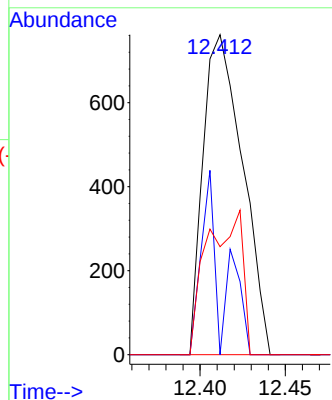
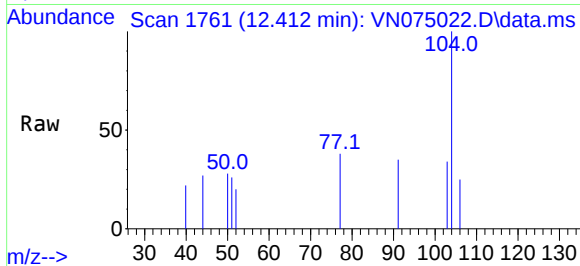




#70
Styrene
Concen: 0.295 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

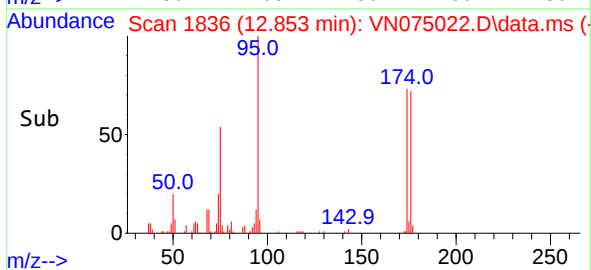
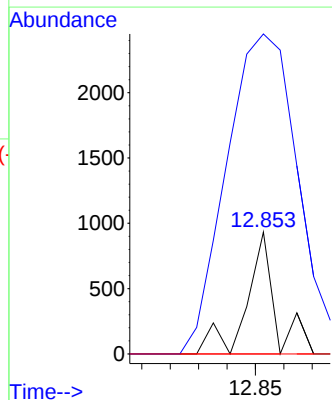
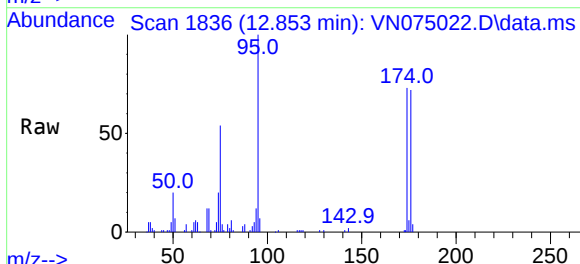
Instrument :
MSVOA_N
ClientSampleId :
IBLK

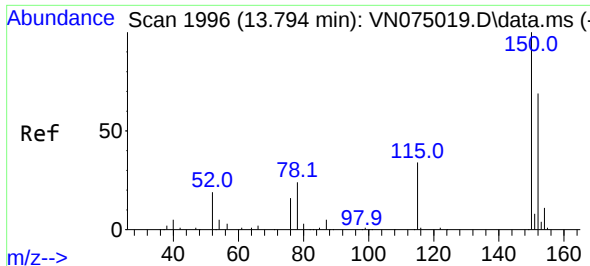
Tgt Ion:104 Resp: 1228
Ion Ratio Lower Upper
104 100
78 31.4 38.1 57.1#
103 40.3 44.6 66.8#



#71
Bromoform
Concen: 0.534 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion:173 Resp: 541
Ion Ratio Lower Upper
173 100
175 636.8 24.6 74.0#
254 0.0 0.0 0.0

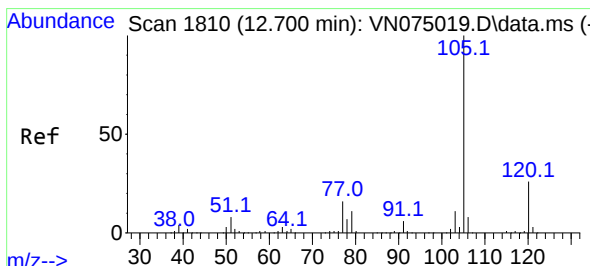
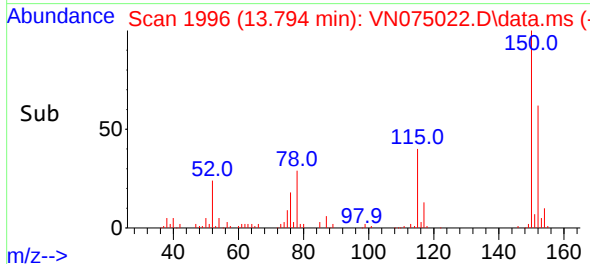
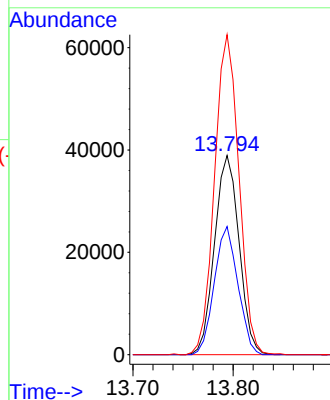
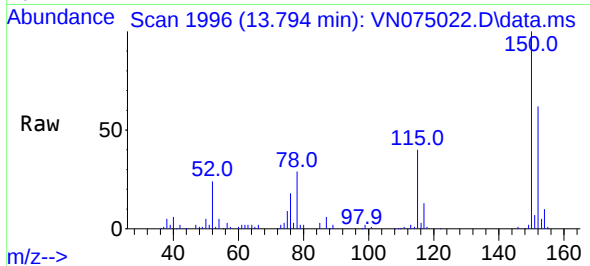




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

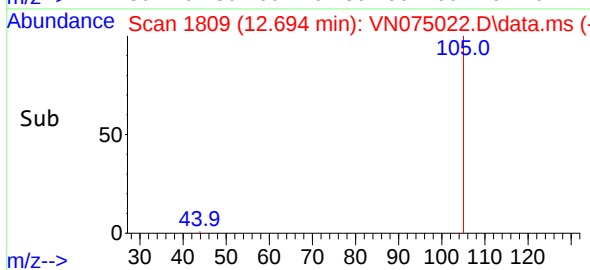
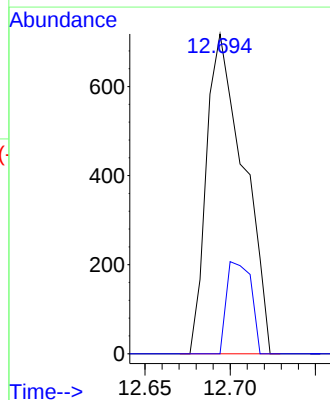
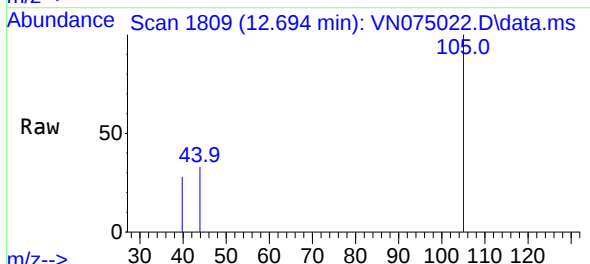
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MSVOA_N
ClientSampleId :
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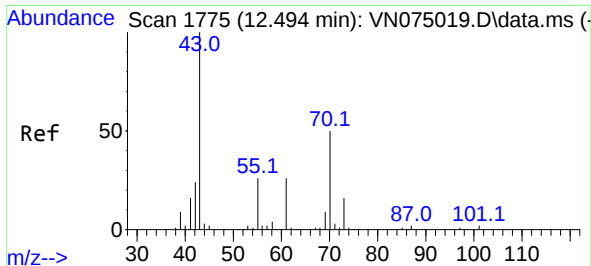
Tgt Ion:152 Resp: 66223
Ion Ratio Lower Upper
152 100
115 61.8 30.2 90.6
150 159.5 0.0 348.4



#73
Isopropylbenzene
Concen: 0.205 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion:105 Resp: 1089
Ion Ratio Lower Upper
105 100
120 18.9 13.1 39.1

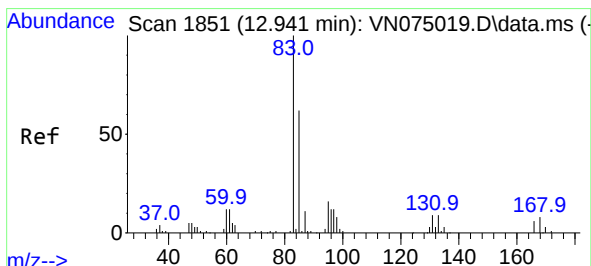
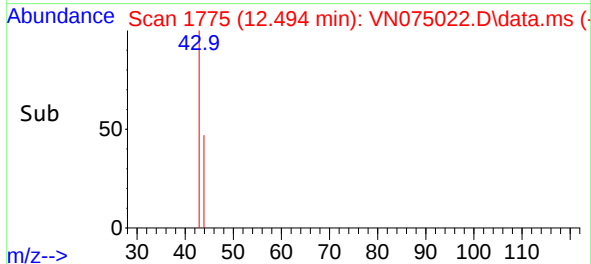
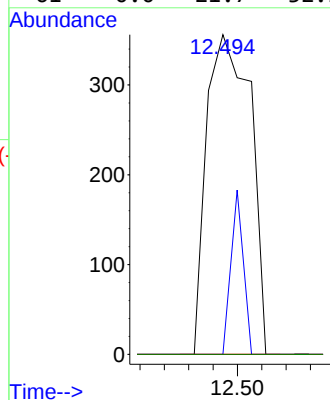
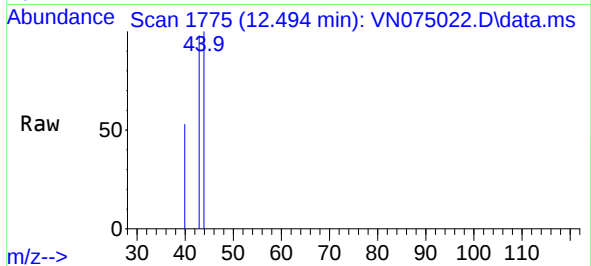




#74
N-amy1 acetate
Concen: 0.226 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

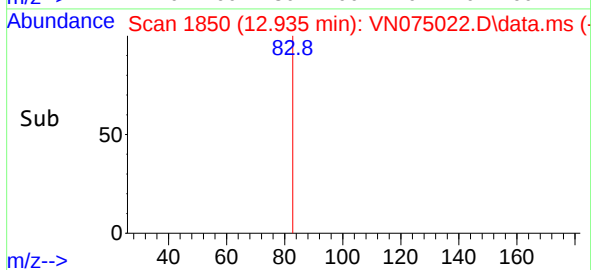
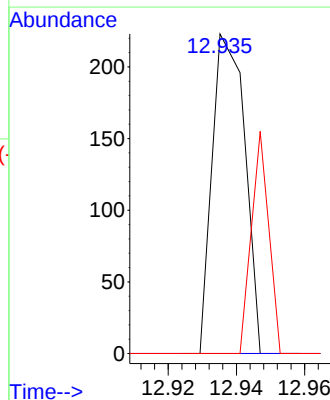
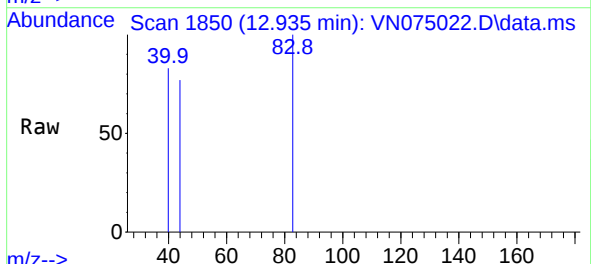
Instrument :
MSVOA_N
ClientSampleId :
IBLK

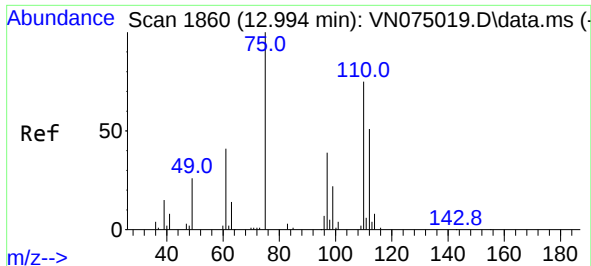
Tgt Ion: 43	Resp: 445
Ion Ratio	Lower Upper
43 100	
70 14.6	39.8 59.8#
55 0.0	19.9 29.9#
61 0.0	21.7 32.5#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 83	Resp:	148	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.1	15.3#	
85 37.2	31.6	94.7	

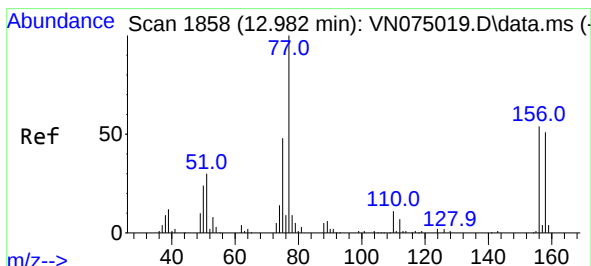
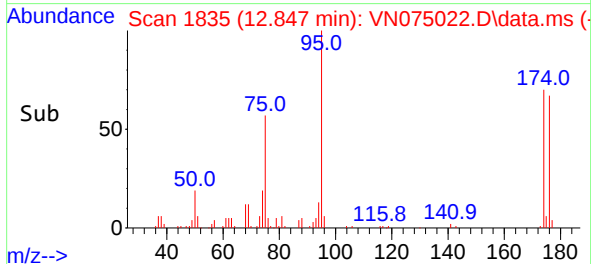
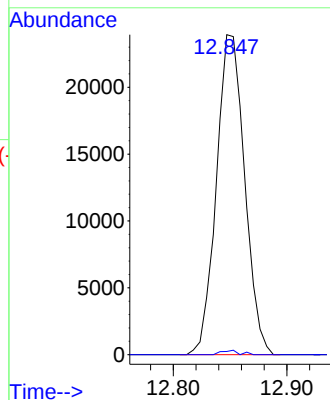
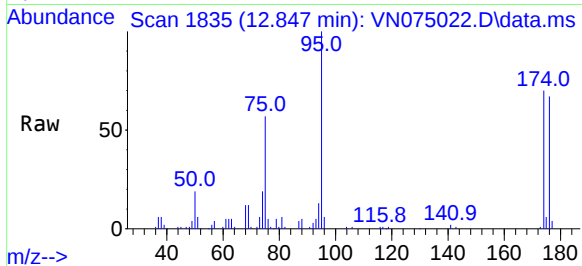




#76
1,2,3-Trichloropropane
Concen: 29.432 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.147 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

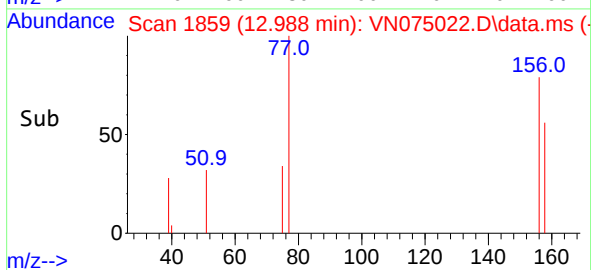
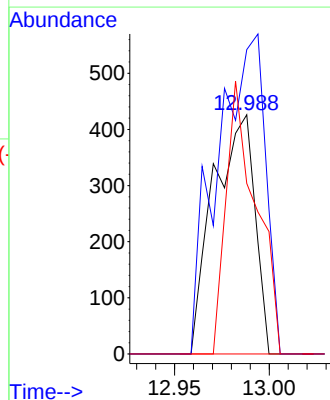
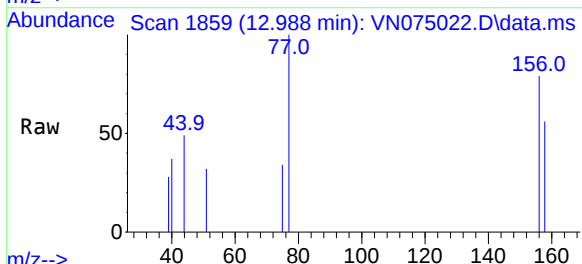
Instrument :
MSVOA_N
ClientSampleId :
IBLK

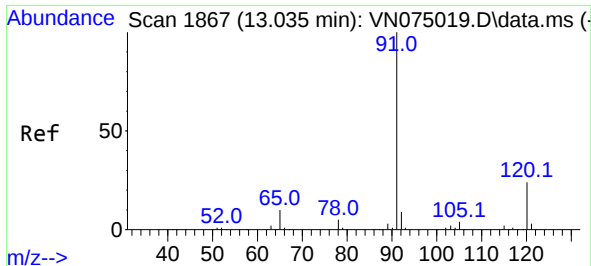
Tgt Ion: 75 Resp: 41384
Ion Ratio Lower Upper
75 100
77 0.9 75.6 226.8#



#77
Bromobenzene
Concen: 0.551 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion:156 Resp: 645
Ion Ratio Lower Upper
156 100
77 154.4 108.5 325.5
158 82.5 47.7 143.1

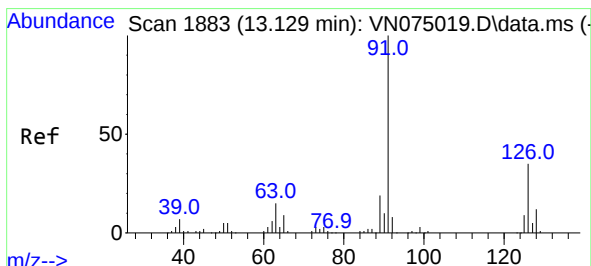
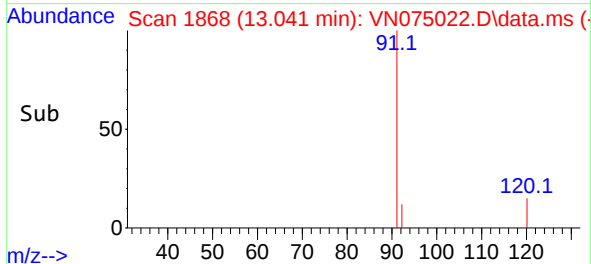
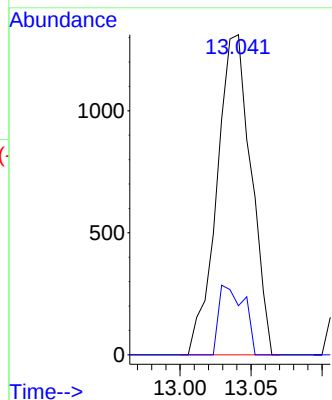
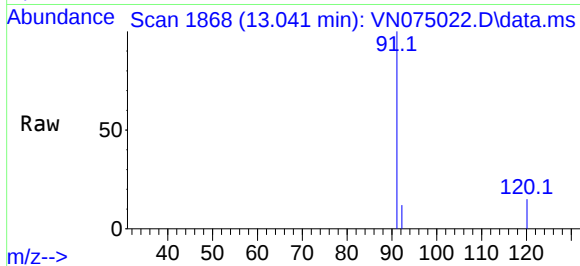




#78
n-propylbenzene
Concen: 0.368 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

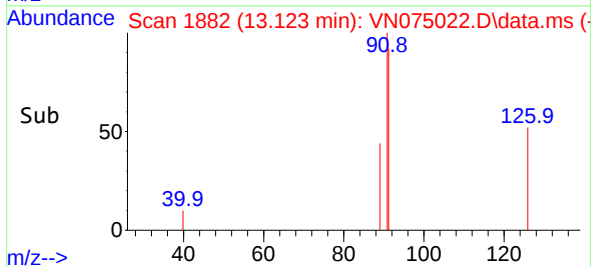
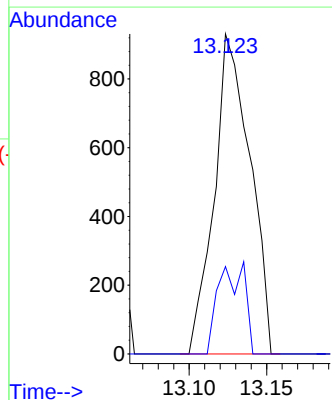
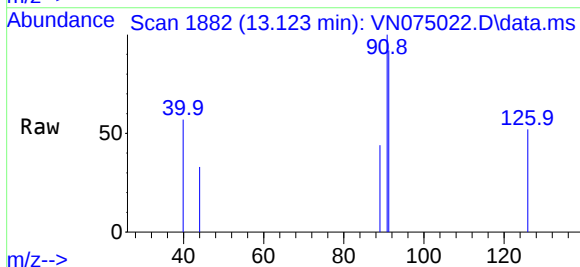
Instrument :
MSVOA_N
ClientSampleId :
IBLK

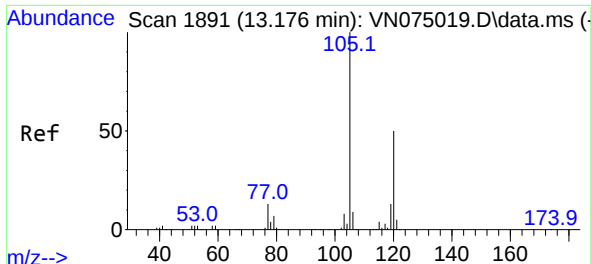
Tgt Ion: 91 Resp: 2198
Ion Ratio Lower Upper
91 100
120 15.9 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.410 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 91 Resp: 1496
Ion Ratio Lower Upper
91 100
126 20.7 16.9 50.7

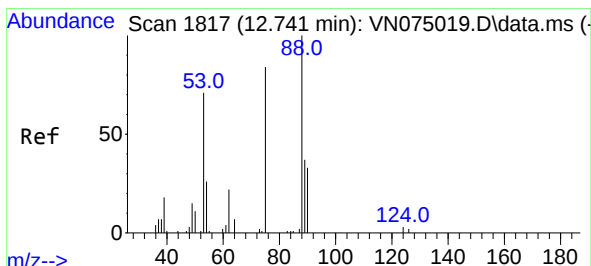
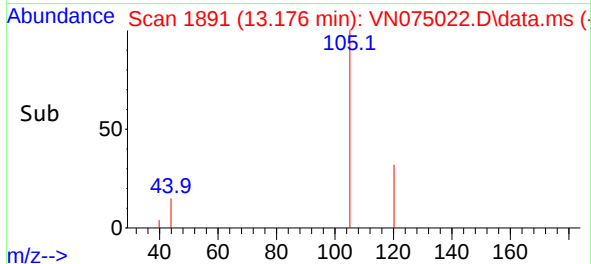
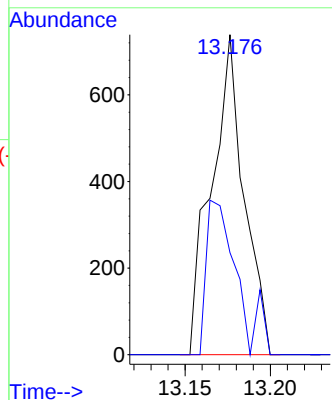
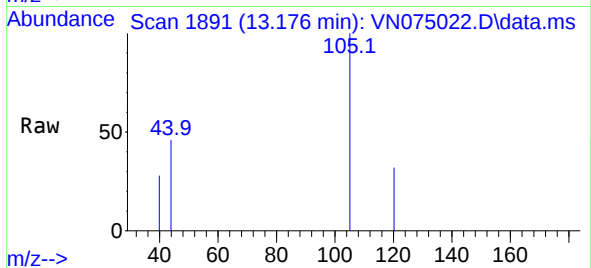




#80
1,3,5-Trimethylbenzene
Concen: 0.220 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

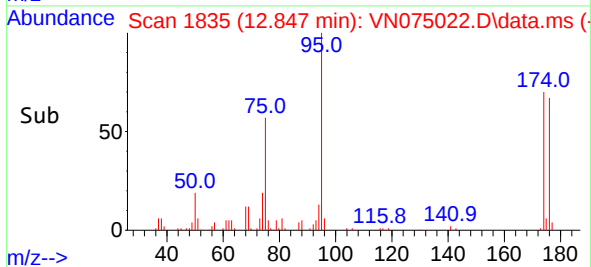
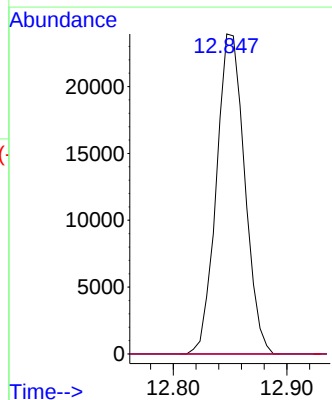
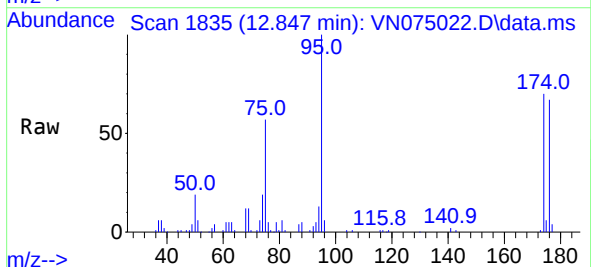
Instrument :
MSVOA_N
ClientSampleId :
IBLK

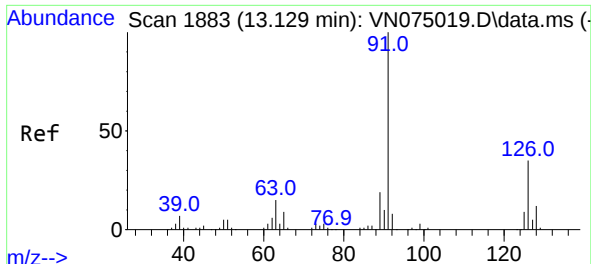
Tgt Ion:105 Resp: 984
Ion Ratio Lower Upper
105 100
120 45.2 24.7 74.1



#81
trans-1,4-Dichloro-2-butene
Concen: 75.552 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 75 Resp: 41384
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

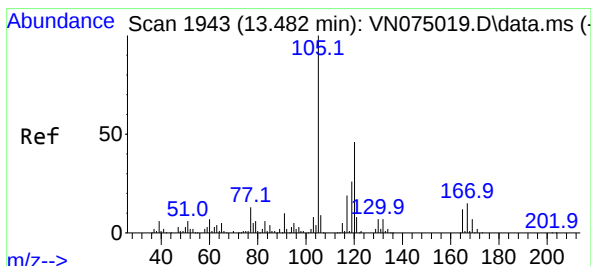
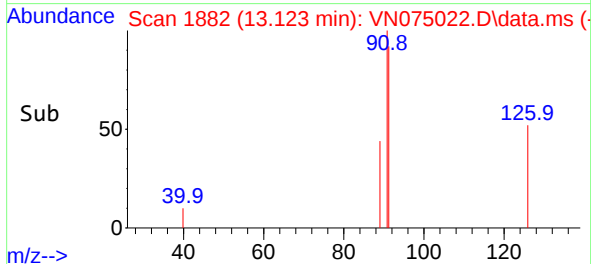
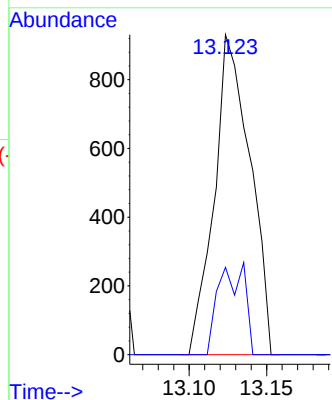
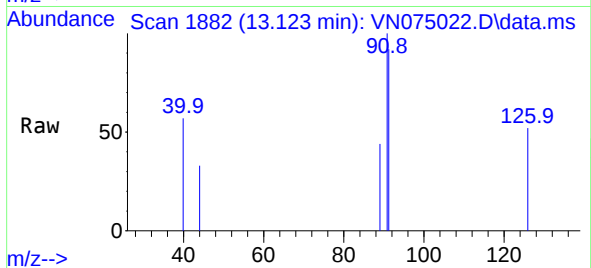




#82
4-Chlorotoluene
Concen: 0.410 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

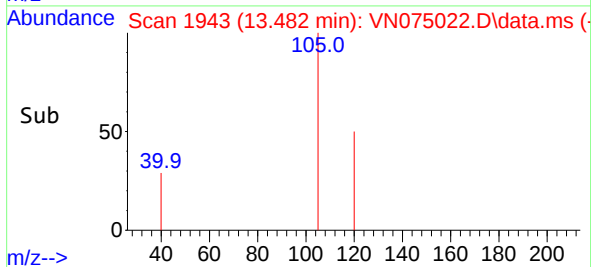
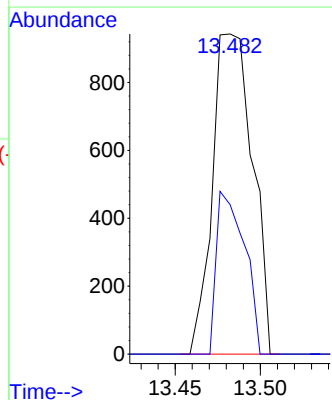
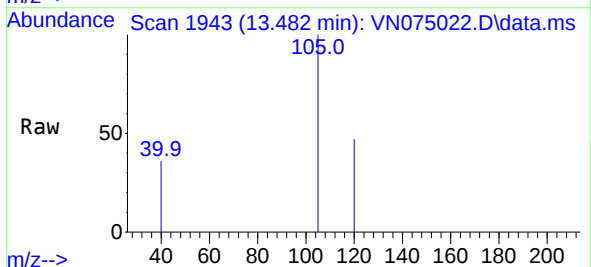
Instrument :
MSVOA_N
ClientSampleId :
IBLK

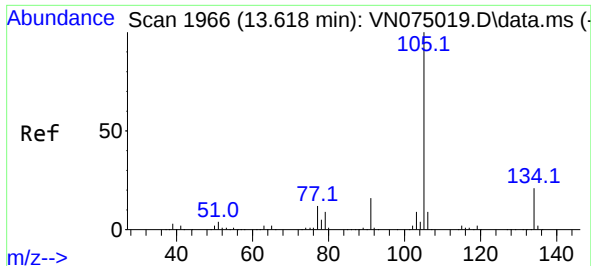
Tgt Ion: 91 Resp: 1496
Ion Ratio Lower Upper
91 100
126 20.7 16.9 50.7



#84
1,2,4-Trimethylbenzene
Concen: 0.342 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 105 Resp: 1543
Ion Ratio Lower Upper
105 100
120 35.5 22.7 68.1

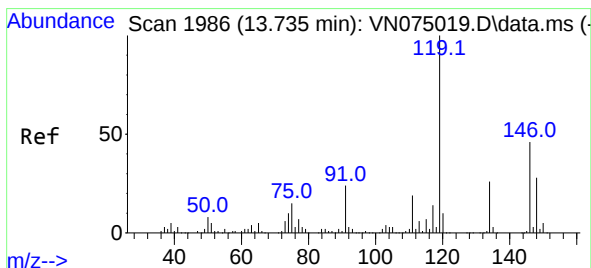
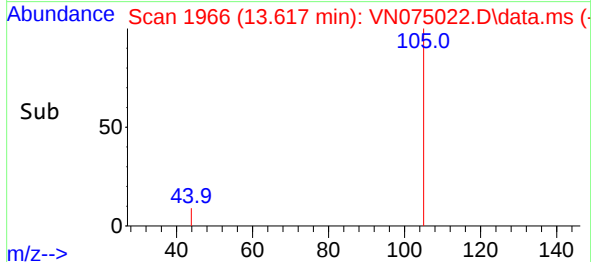
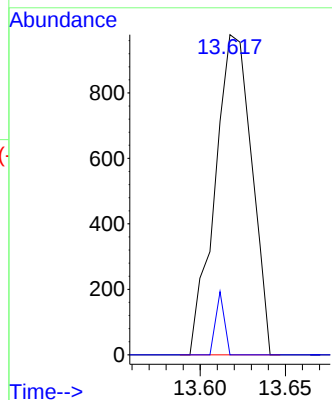
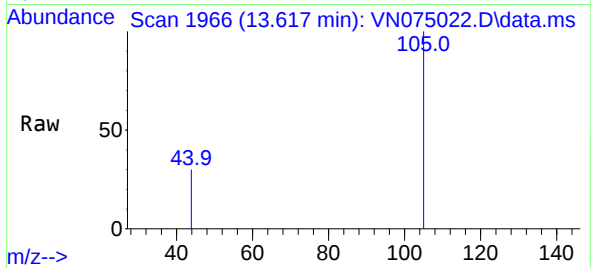




#85
 sec-Butylbenzene
 Concen: 0.265 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075022.D
 Acq: 26 Oct 2022 13:25

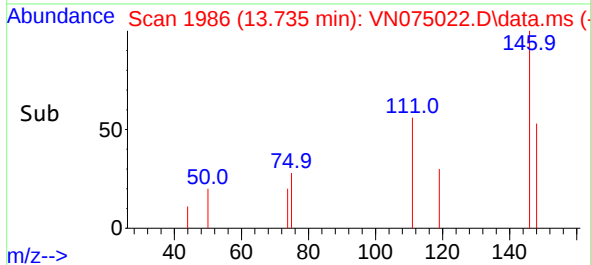
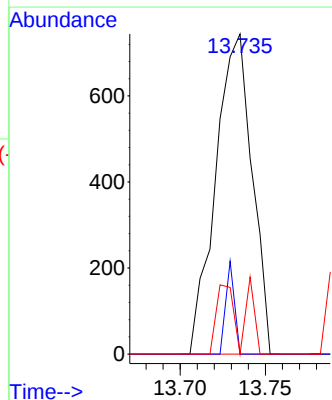
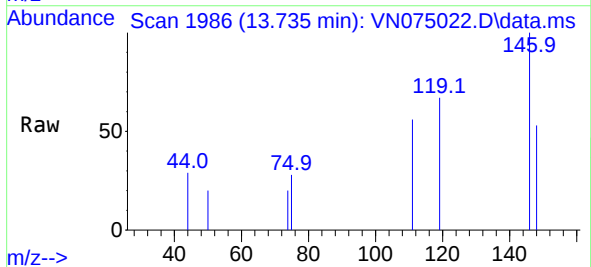
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

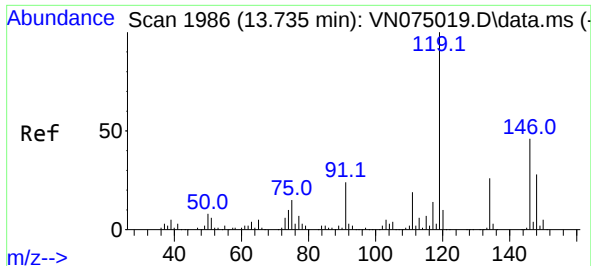
Tgt Ion:105 Resp: 1472
 Ion Ratio Lower Upper
 105 100
 134 4.6 10.2 30.6#



#86
 p-Isopropyltoluene
 Concen: 0.241 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075022.D
 Acq: 26 Oct 2022 13:25

Tgt Ion:119 Resp: 1107
 Ion Ratio Lower Upper
 119 100
 134 6.9 13.1 39.3#
 91 10.1 11.9 35.5#





#87

1,3-Dichlorobenzene

Concen: 0.663 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075022.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

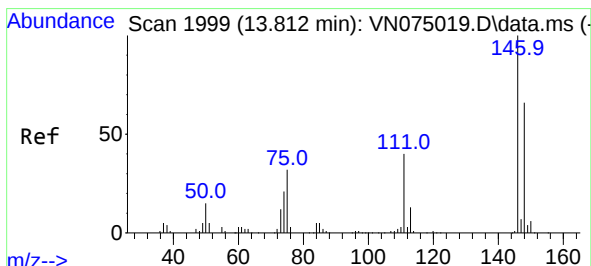
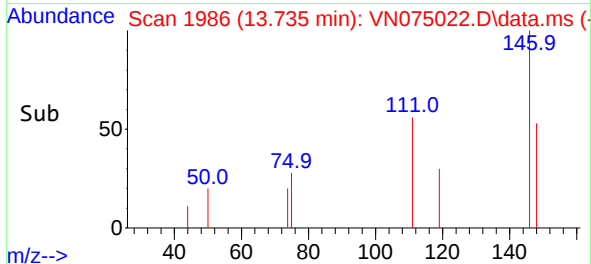
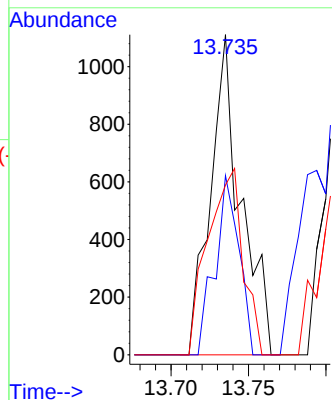
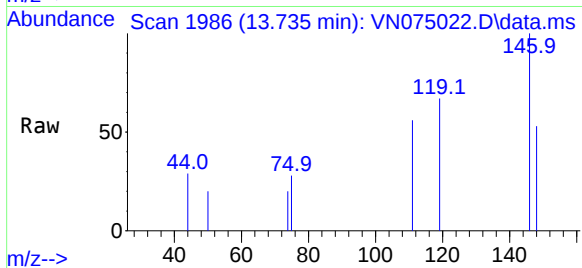
Tgt Ion:146 Resp: 1519

Ion Ratio Lower Upper

146 100

111 43.9 20.8 62.5

148 67.0 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 0.670 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.077 min

Lab File: VN075022.D

Acq: 26 Oct 2022 13:25

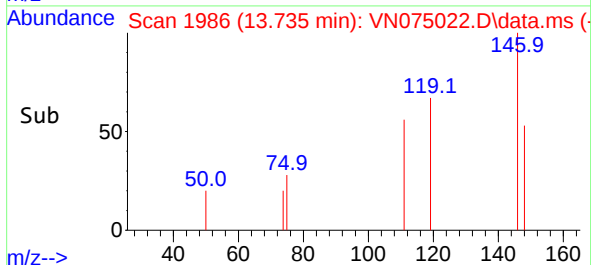
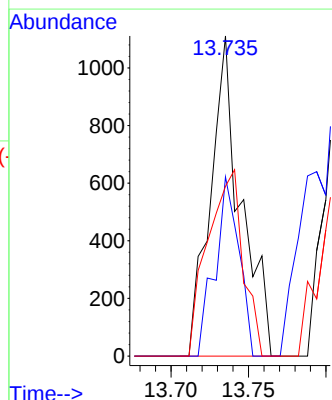
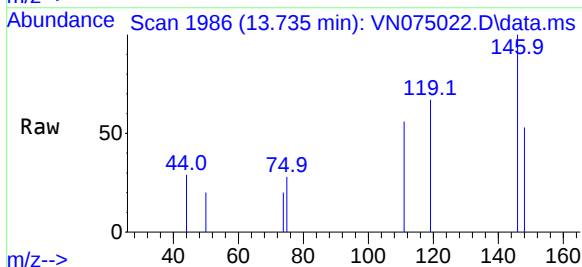
Tgt Ion:146 Resp: 1519

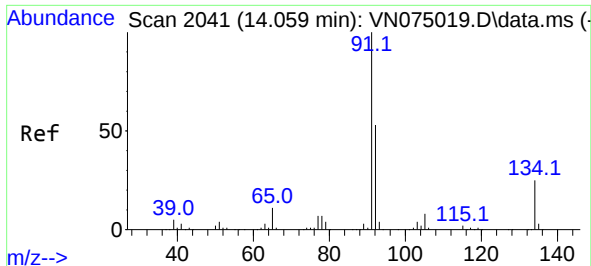
Ion Ratio Lower Upper

146 100

111 43.9 20.1 60.3

148 67.0 31.9 95.7



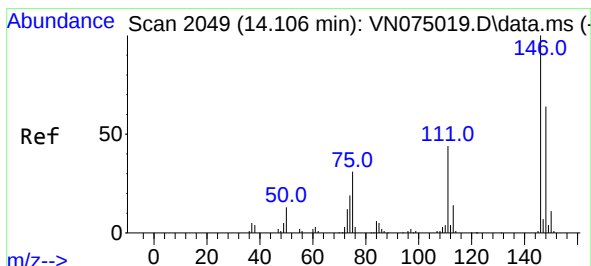
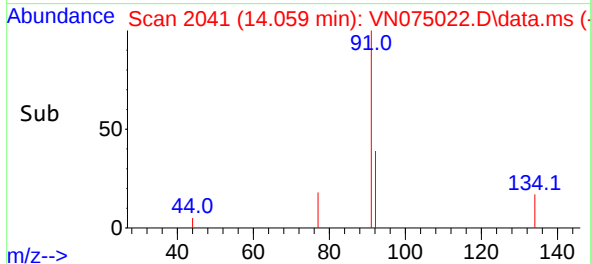
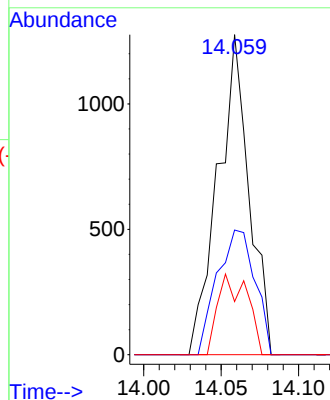
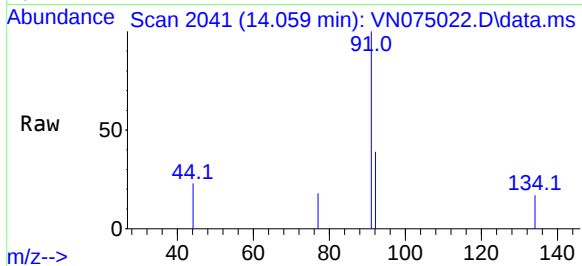


#89
n-Butylbenzene
Concen: 0.482 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 1781

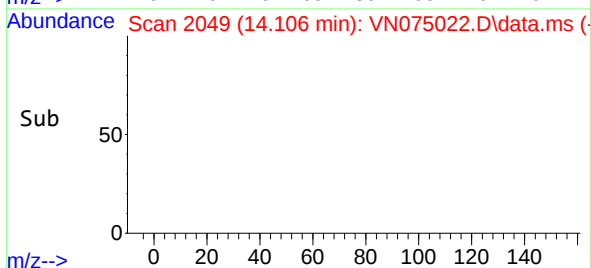
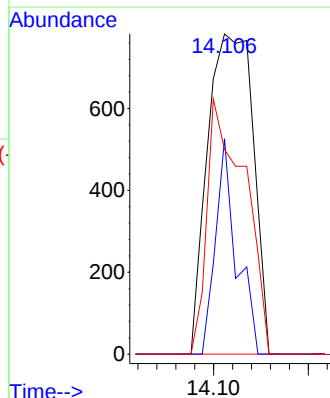
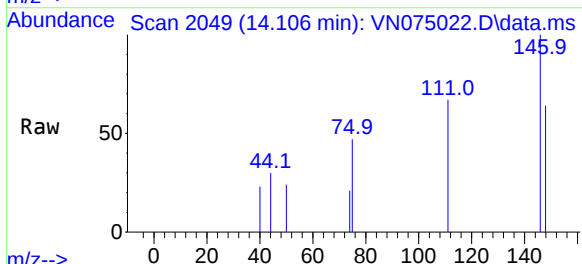
Ion	Ratio	Lower	Upper
91	100		
92	47.3	26.5	79.4
134	23.8	13.0	39.0

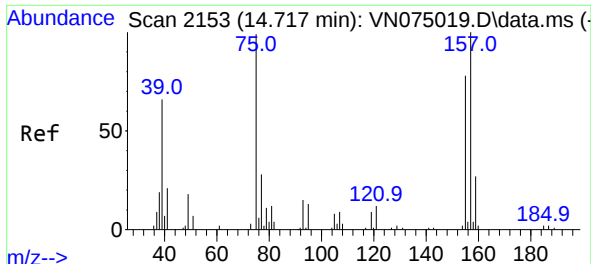


#91
1,2-Dichlorobenzene
Concen: 0.573 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 146 Resp: 1306

Ion	Ratio	Lower	Upper
146	100		
111	30.9	21.3	63.9
148	65.9	31.4	94.2

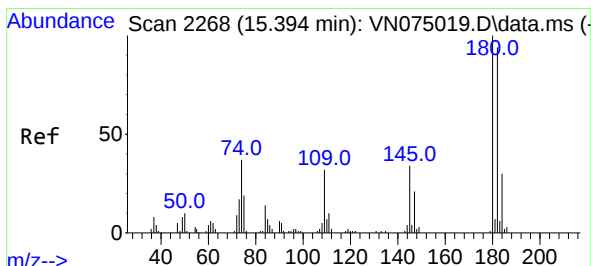
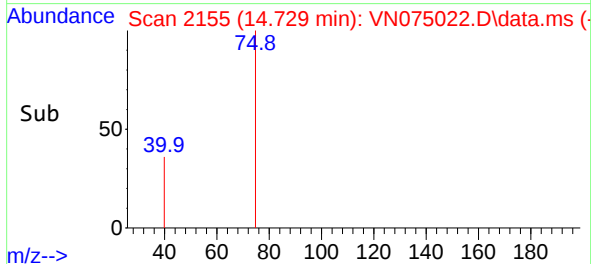
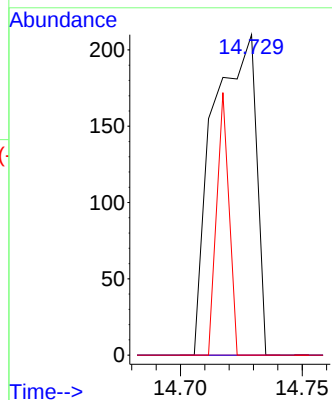
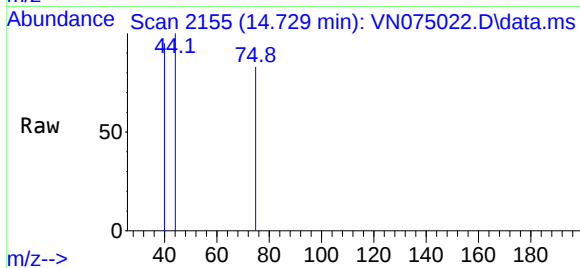




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.717 ug/l
 RT: 14.729 min Scan# 2155
 Delta R.T. 0.012 min
 Lab File: VN075022.D
 Acq: 26 Oct 2022 13:25

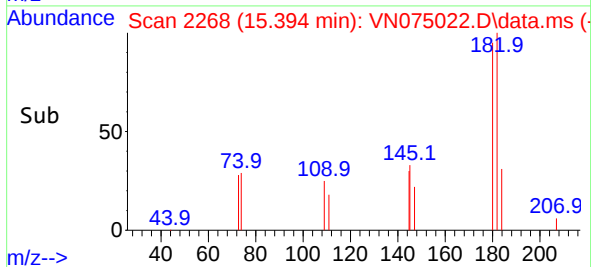
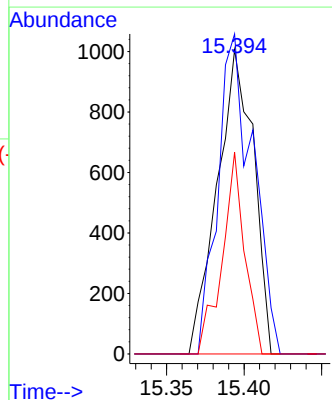
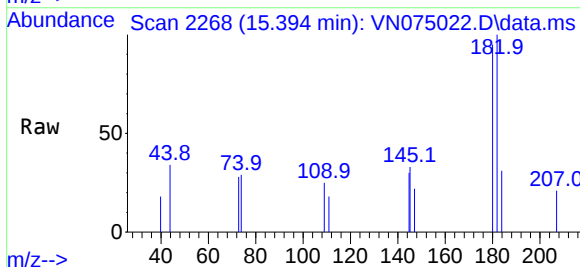
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

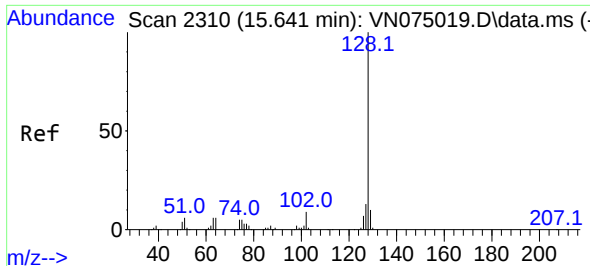
Tgt Ion: 75 Resp: 257
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.1 126.3#
 157 23.7 51.7 155.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.670 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN075022.D
 Acq: 26 Oct 2022 13:25

Tgt Ion: 180 Resp: 1637
 Ion Ratio Lower Upper
 180 100
 182 101.3 47.8 143.4
 145 40.9 16.8 50.3

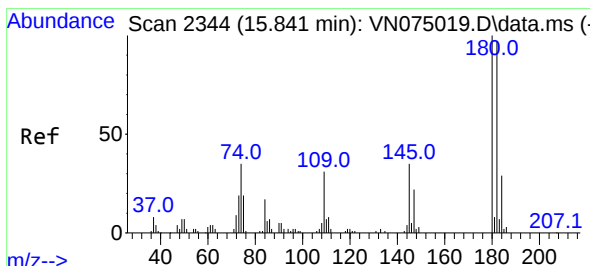
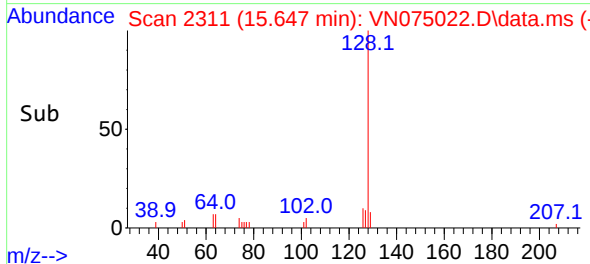
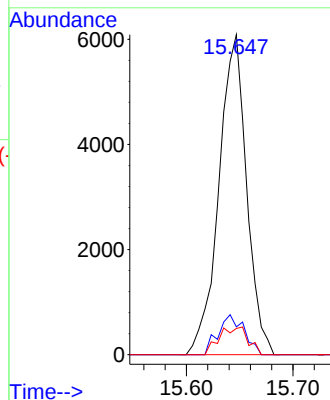
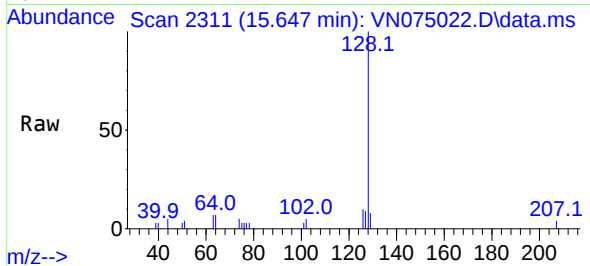




#95
Naphthalene
Concen: 2.919 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	11007
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.4	15.6
129	9.0	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.421 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075022.D
Acq: 26 Oct 2022 13:25

Tgt Ion:	180	Resp:	2359
Ion	Ratio	Lower	Upper
180	100		
182	90.3	47.3	141.8
145	33.5	17.6	52.9

