

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075144.D
 Acq On : 03 Nov 2022 15:13
 Operator : JC\MD
 Sample : N5395-21RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-2-103122

Quant Time: Nov 04 04:10:40 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)

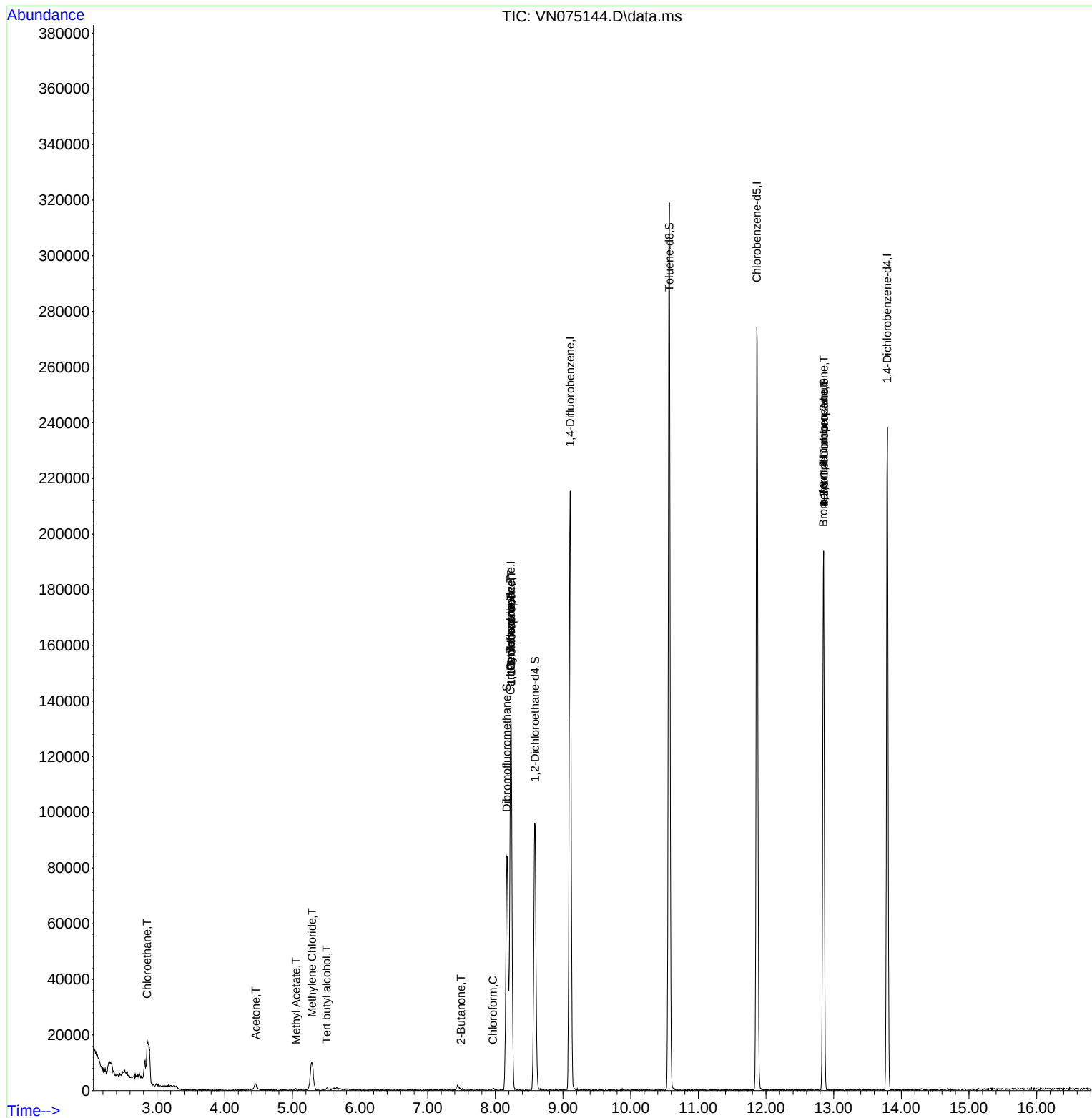
Internal Standards						
1) Pentafluorobenzene	8.229	168	94655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	156231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	79604	62.417	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.840%			
35) Dibromofluoromethane	8.171	113	60107	55.744	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.480%			
50) Toluene-d8	10.570	98	221292	52.898	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.800%			
62) 4-Bromofluorobenzene	12.853	95	67069	45.639	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.280%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.924	94	66	Below Cal	#	5
6) Chloroethane	2.853	64	11857	8.862	ug/l #	55
11) Tert butyl alcohol	5.506	59	330	1.110	ug/l #	72
16) Acetone	4.459	43	4255	7.879	ug/l	98
18) Methyl Acetate	5.053	43	546	0.310	ug/l #	47
20) Methylene Chloride	5.288	84	8424	6.996	ug/l	86
25) 2-Butanone	7.494	43	350	0.412	ug/l #	43
30) Chloroform	7.965	83	885	0.399	ug/l	93
31) Cyclohexane	8.229	56	2193	1.156	ug/l #	41
36) 1,1-Dichloropropene	8.235	75	8866	5.311	ug/l #	48
38) Carbon Tetrachloride	8.223	117	11018	6.000	ug/l #	16
71) Bromoform	12.847	173	532	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	36225	28.458	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	36225	73.052	ug/l #	10

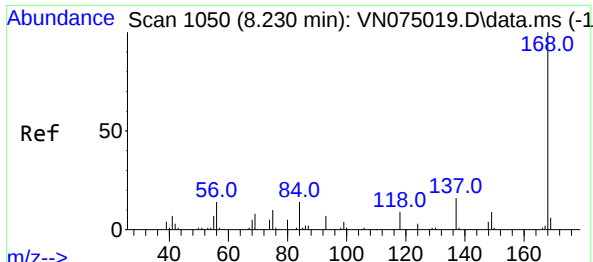
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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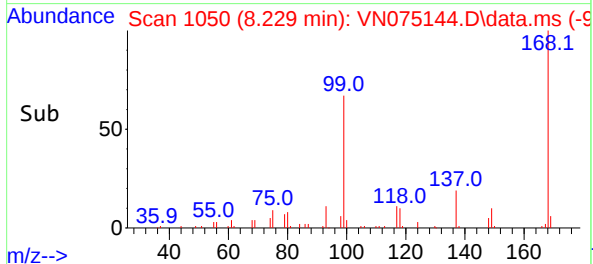
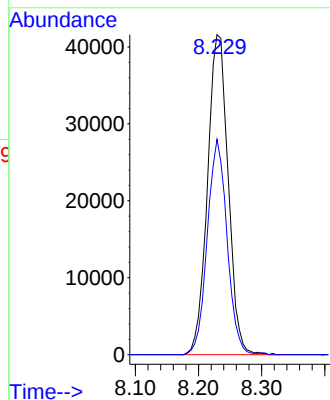
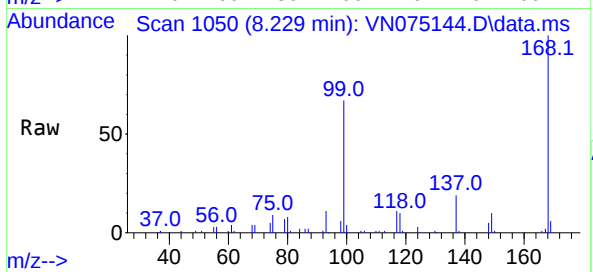




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

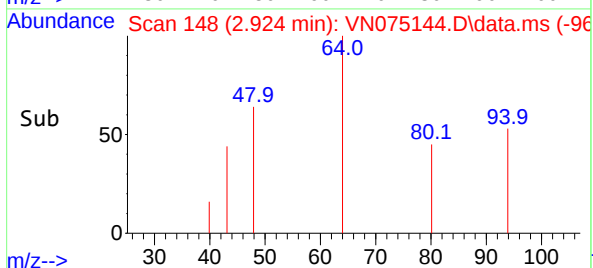
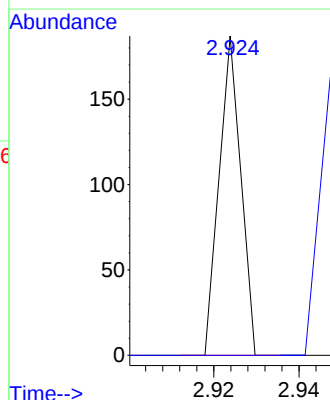
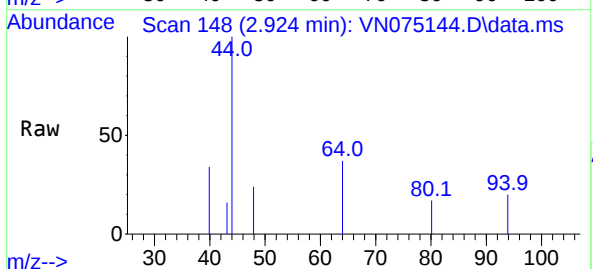
Instrument :
MSVOA_N
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S-2-103122

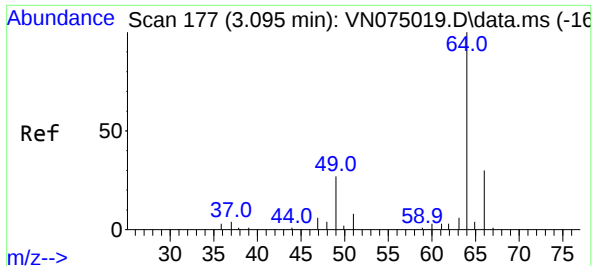
Tgt Ion:168 Resp: 94655
Ion Ratio Lower Upper
168 100
99 67.3 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.924 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

Tgt Ion: 94 Resp: 66
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

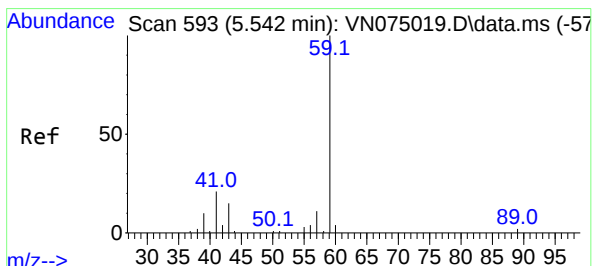
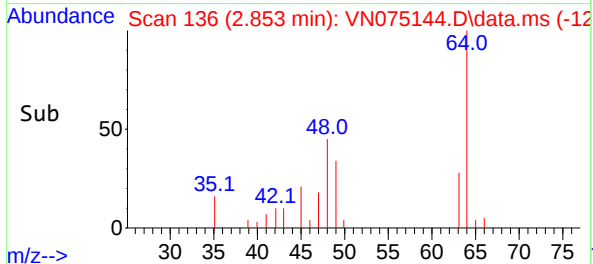
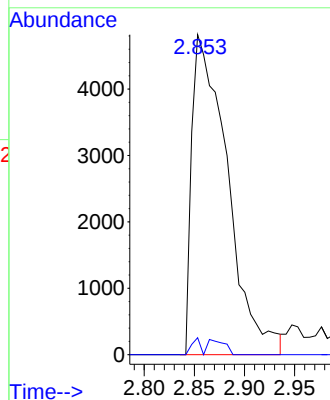
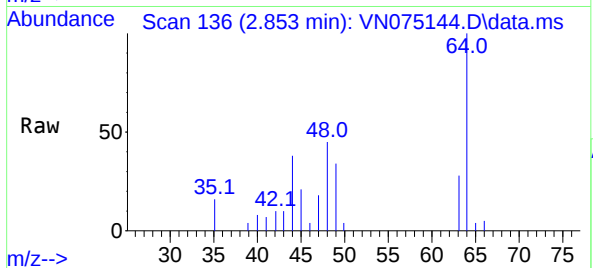




#6
Chloroethane
Concen: 8.862 ug/l
RT: 2.853 min Scan# 11
Delta R.T. -0.242 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

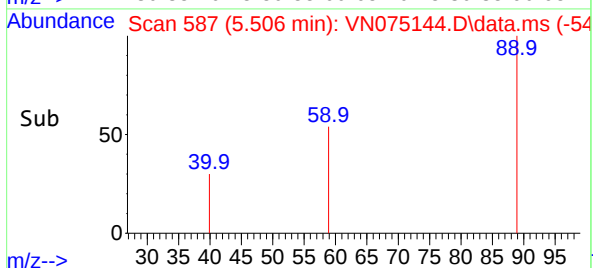
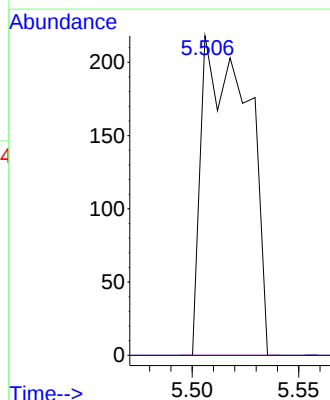
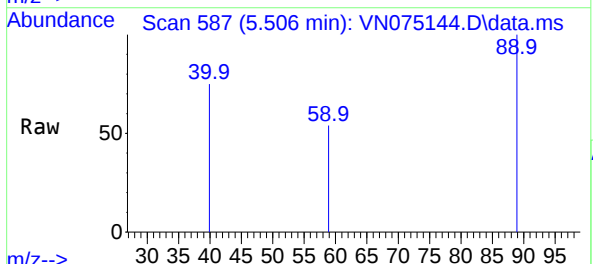
Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

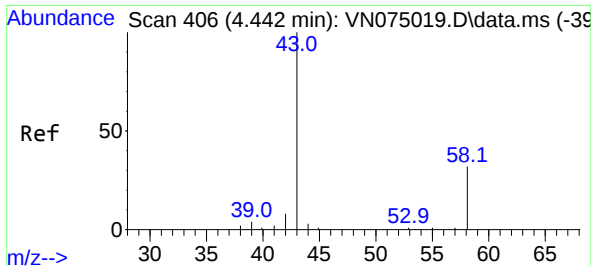
Tgt Ion: 64 Resp: 11857
Ion Ratio Lower Upper
64 100
66 5.3 23.8 35.8#



#11
Tert butyl alcohol
Concen: 1.110 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.036 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

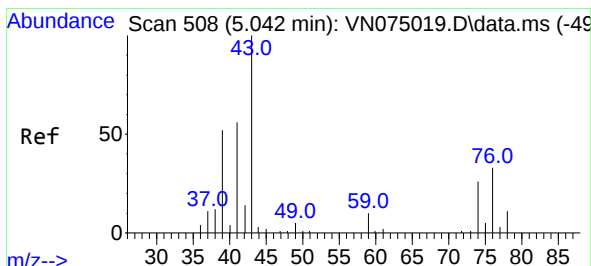
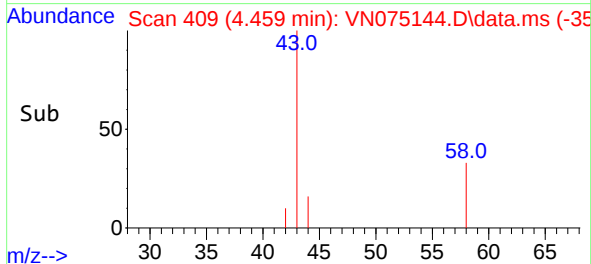
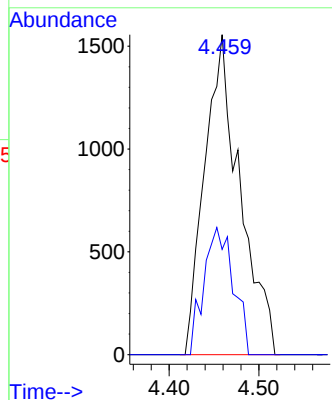
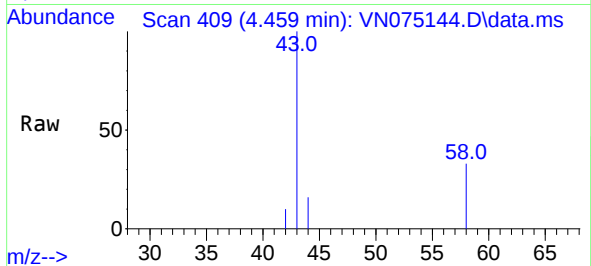




#16
Acetone
Concen: 7.879 ug/l
RT: 4.459 min Scan# 406
Delta R.T. 0.017 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

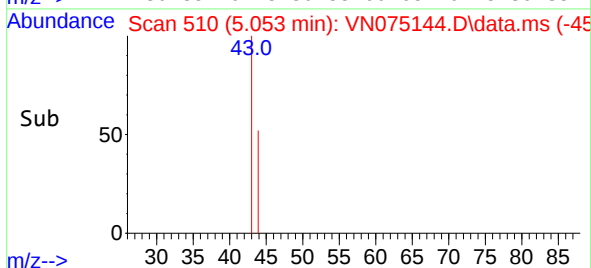
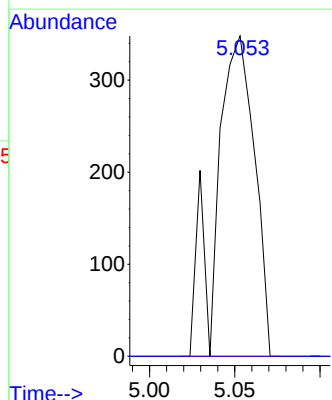
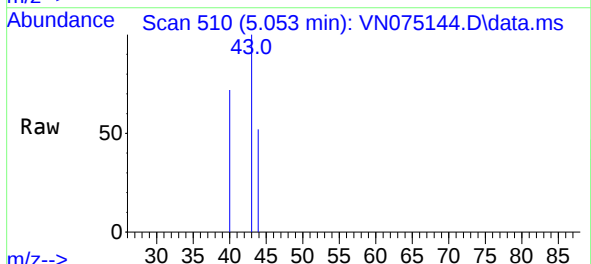
Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

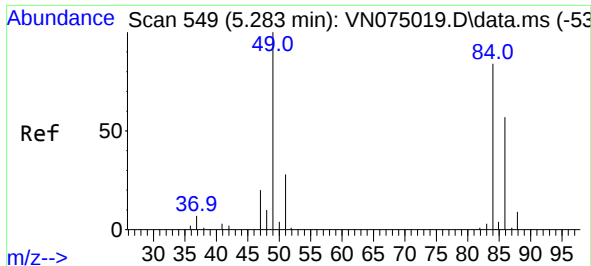
Tgt Ion: 43 Resp: 4255
Ion Ratio Lower Upper
43 100
58 32.9 25.5 38.3



#18
Methyl Acetate
Concen: 0.310 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.011 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



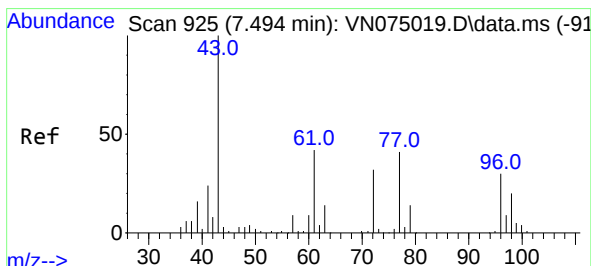
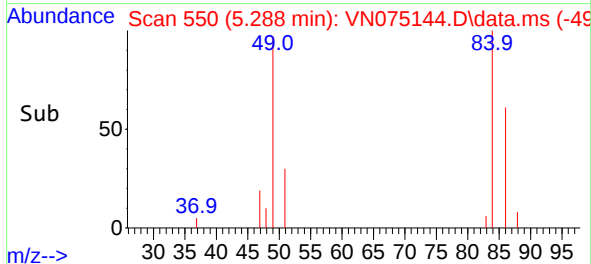
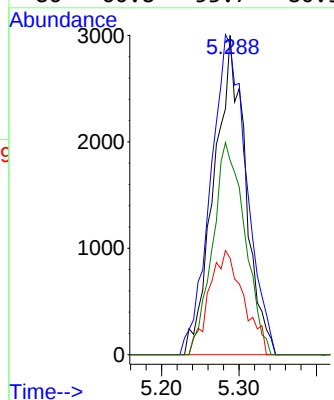
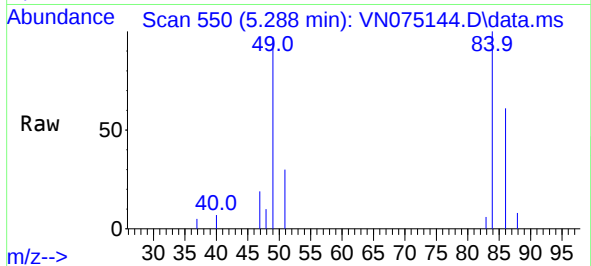


#20
Methylene Chloride
Concen: 6.996 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

Tgt Ion: 84 Resp: 8424

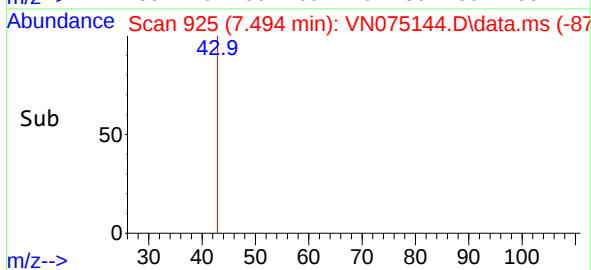
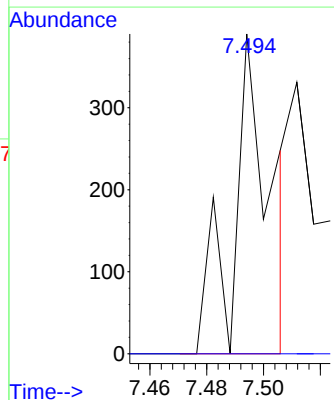
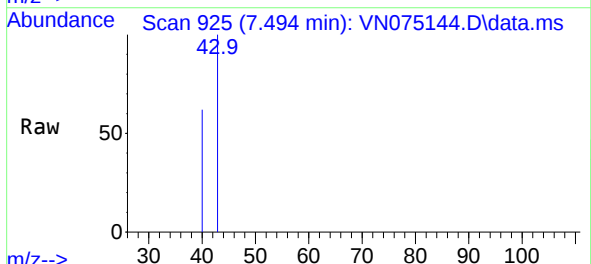
Ion	Ratio	Lower	Upper
84	100		
49	97.2	94.9	142.3
51	30.2	26.8	40.2
86	60.8	53.7	80.5

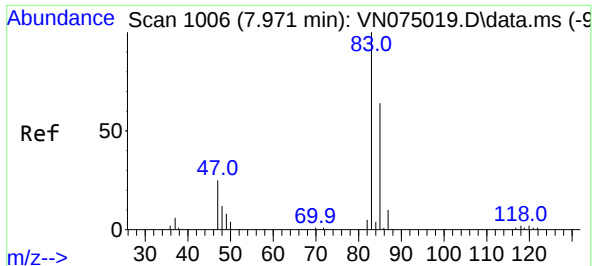


#25
2-Butanone
Concen: 0.412 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

Tgt Ion: 43 Resp: 350

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3#





#30

Chloroform

Concen: 0.399 ug/l

RT: 7.965 min Scan# 10

Delta R.T. -0.006 min

Lab File: VN075144.D

Acq: 03 Nov 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

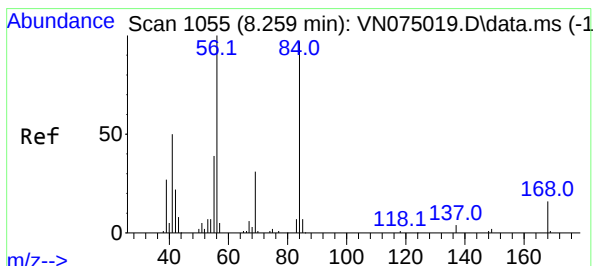
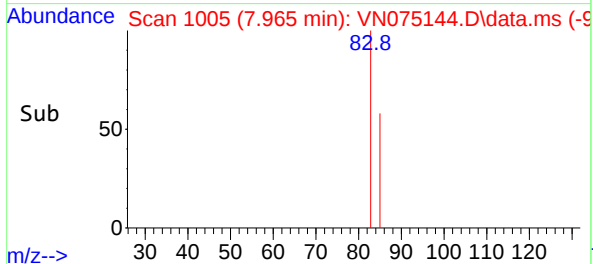
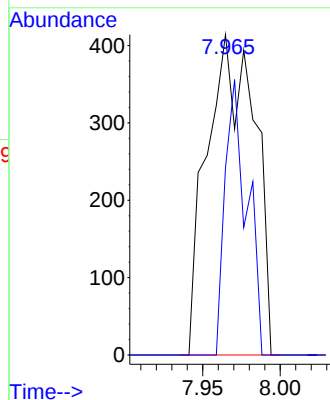
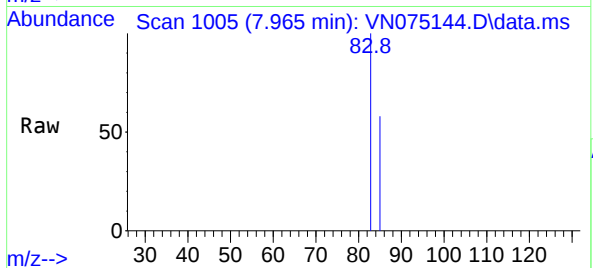
S-2-103122

Tgt Ion: 83 Resp: 885

Ion Ratio Lower Upper

83 100

85 58.5 51.4 77.0



#31

Cyclohexane

Concen: 1.156 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.030 min

Lab File: VN075144.D

Acq: 03 Nov 2022 15:13

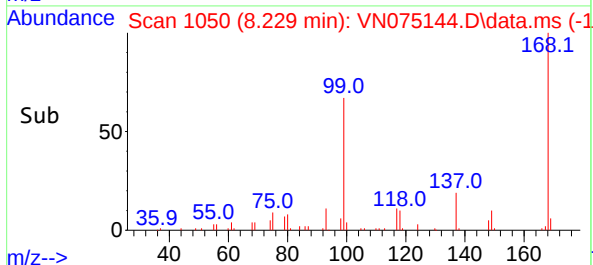
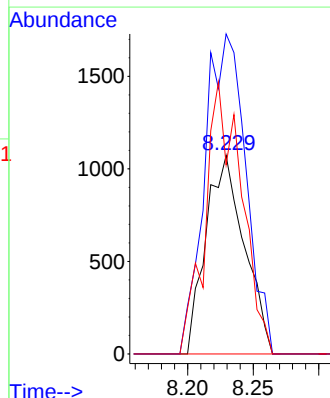
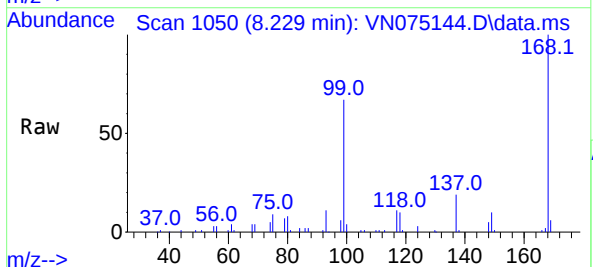
Tgt Ion: 56 Resp: 2193

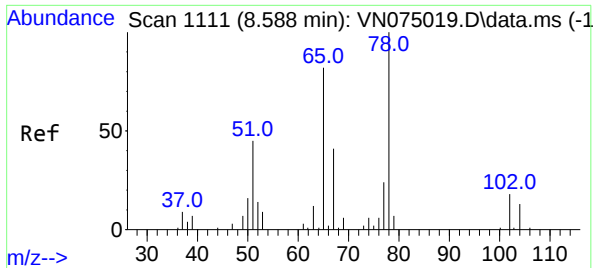
Ion Ratio Lower Upper

56 100

69 161.1 25.2 37.8#

84 95.2 77.8 116.8

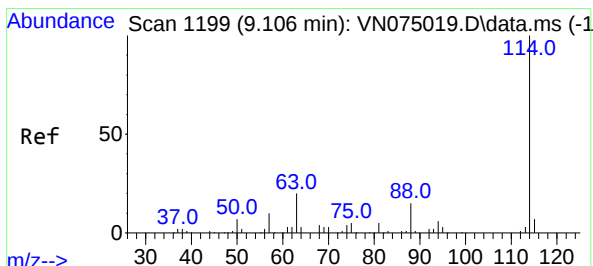
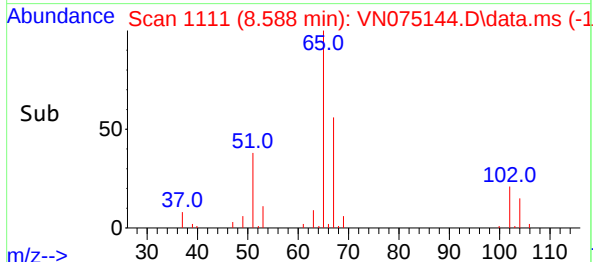
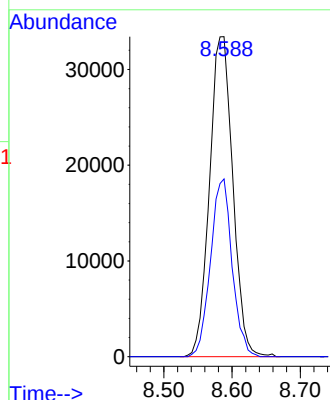
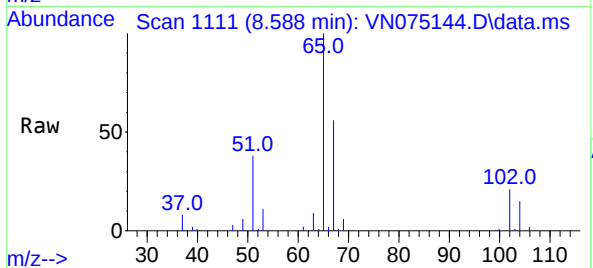




#33
 1,2-Dichloroethane-d4
 Concen: 62.417 ug/l
 RT: 8.588 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: VN075144.D
 Acq: 03 Nov 2022 15:13

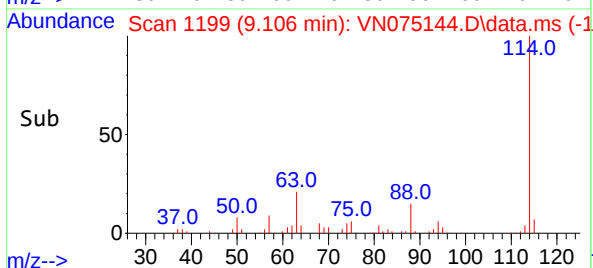
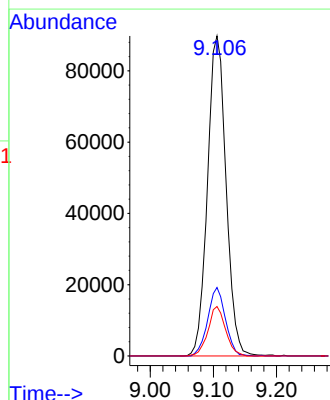
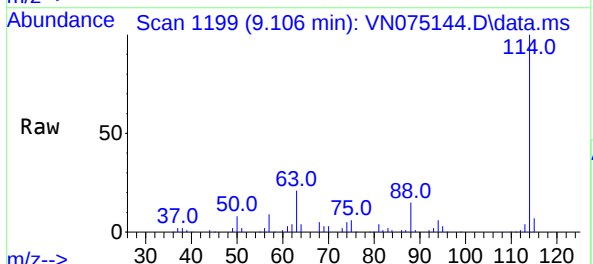
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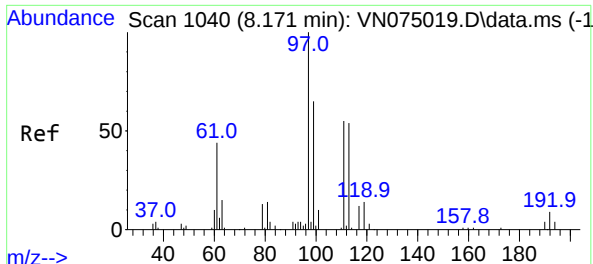
Tgt Ion: 65 Resp: 79604
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN075144.D
 Acq: 03 Nov 2022 15:13

Tgt Ion: 114 Resp: 183676
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.6
 88 15.5 0.0 29.0

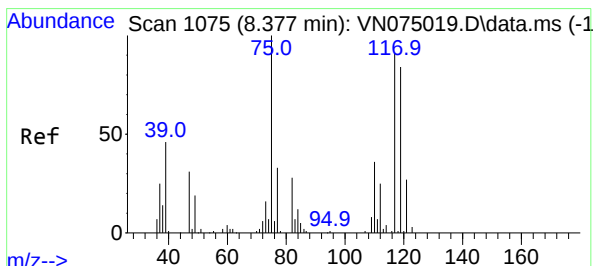
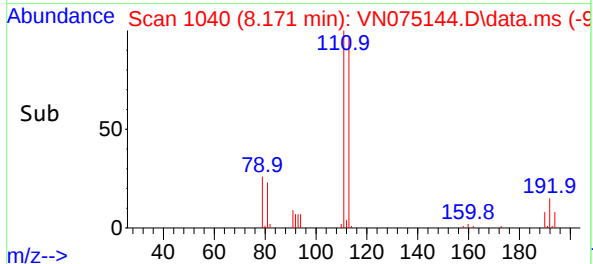
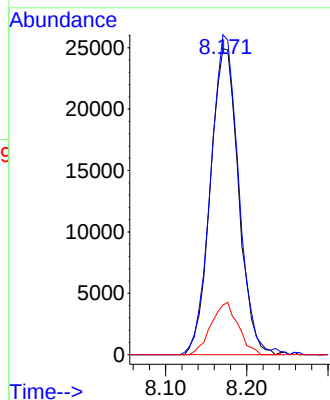
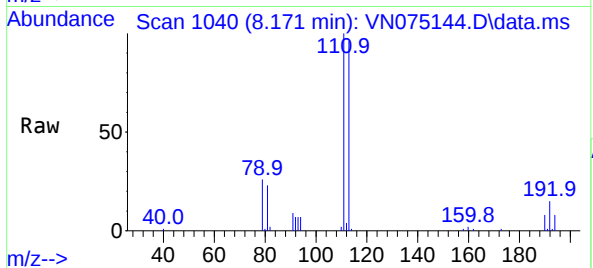




#35
Dibromofluoromethane
Concen: 55.744 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

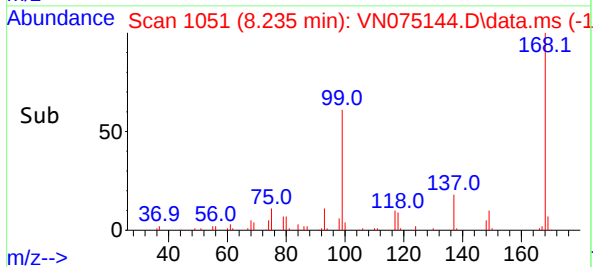
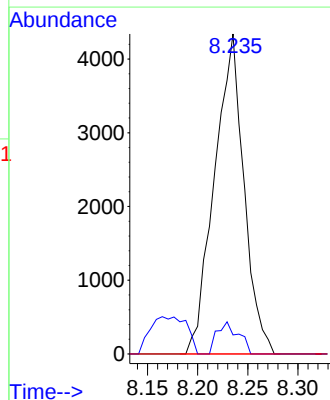
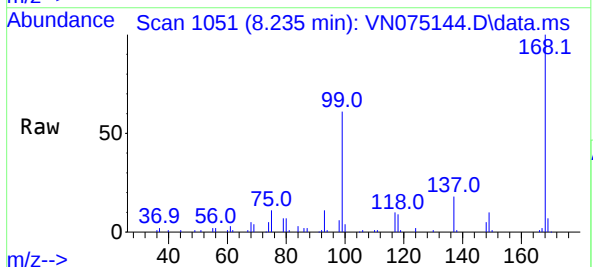
Instrument :
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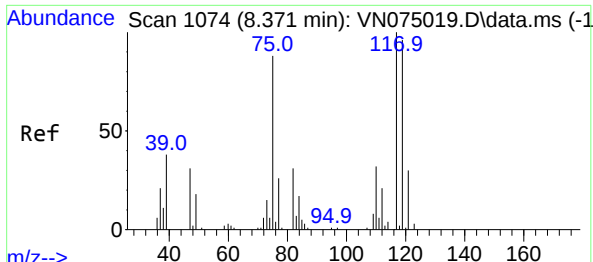
Tgt Ion:113 Resp: 60107
Ion Ratio Lower Upper
113 100
111 104.0 80.5 120.7
192 16.4 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.311 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.142 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

Tgt Ion: 75 Resp: 8866
Ion Ratio Lower Upper
75 100
110 7.3 17.8 53.3#
77 0.0 24.6 37.0#

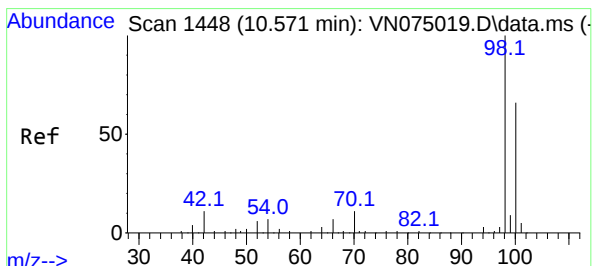
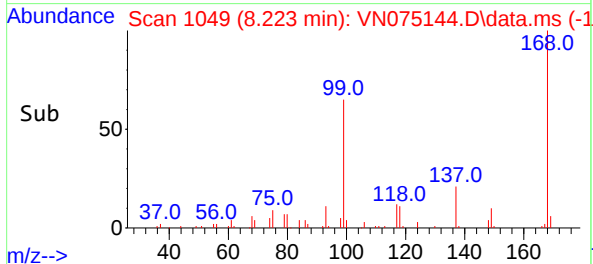
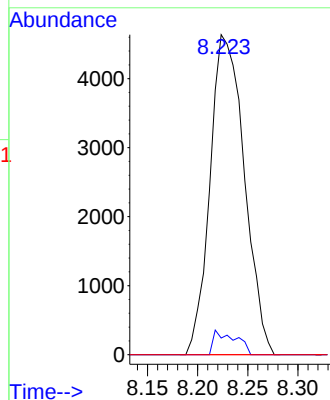
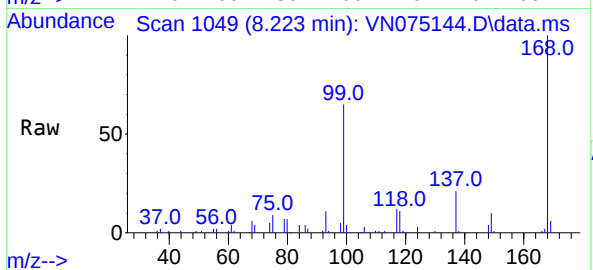




#38
Carbon Tetrachloride
Concen: 6.000 ug/l
RT: 8.223 min Scan# 110
Delta R.T. -0.148 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

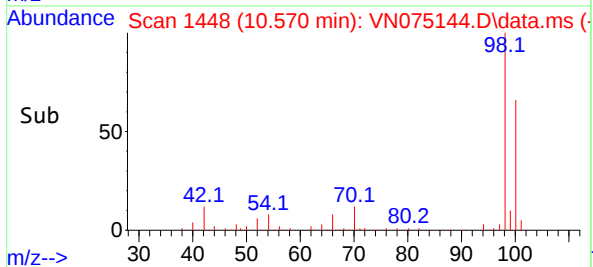
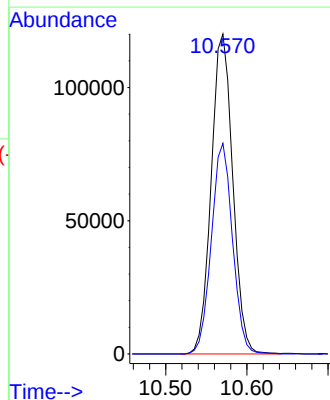
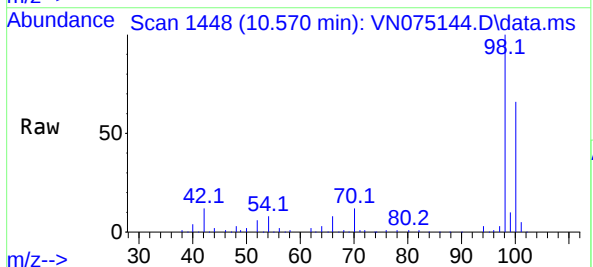
Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

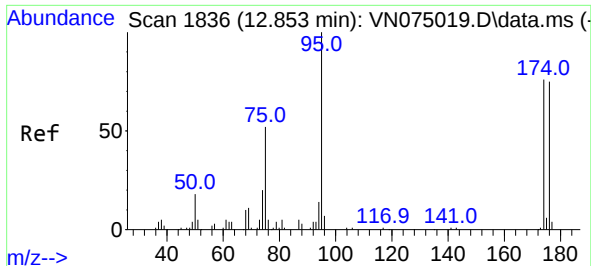
Tgt Ion:117 Resp: 11018
Ion Ratio Lower Upper
117 100
119 5.2 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 52.898 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

Tgt Ion: 98 Resp: 221292
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6

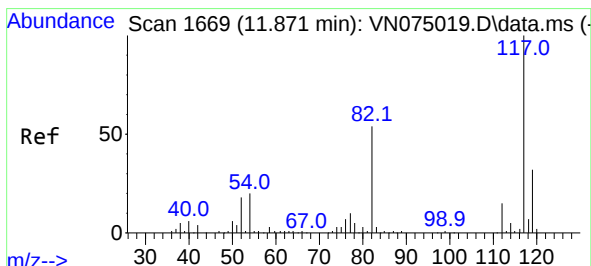
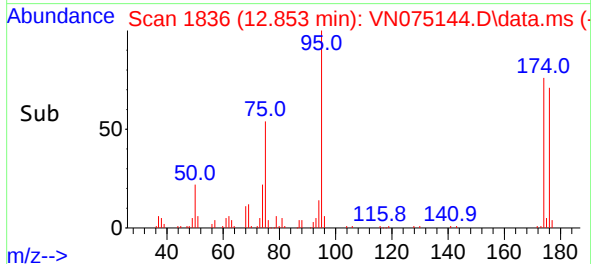
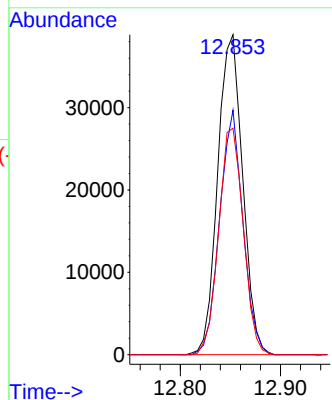
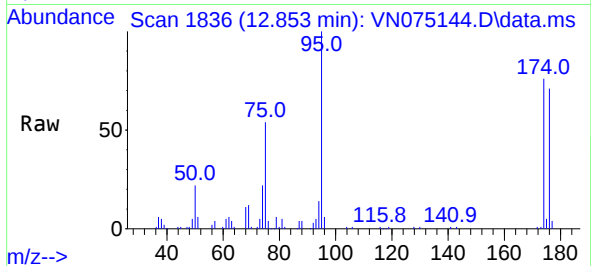




#62
4-Bromofluorobenzene
Concen: 45.639 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

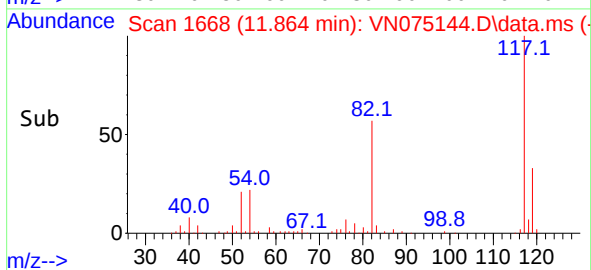
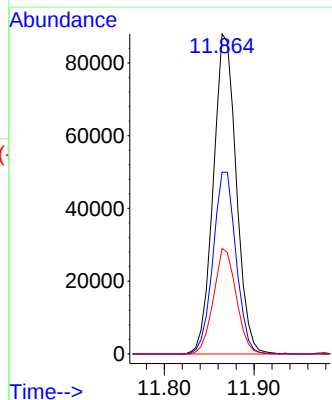
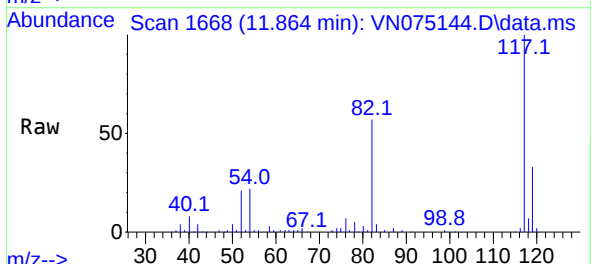
Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

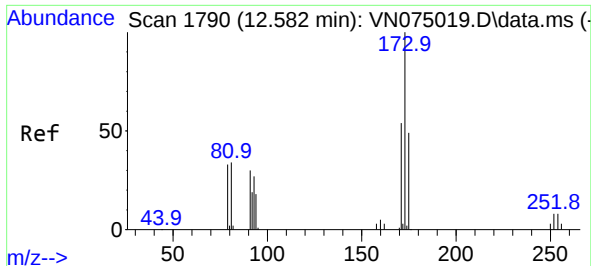
Tgt Ion: 95 Resp: 67069
Ion Ratio Lower Upper
95 100
174 71.4 0.0 147.4
176 69.9 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1668
Delta R.T. -0.007 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

Tgt Ion: 117 Resp: 156231
Ion Ratio Lower Upper
117 100
82 56.8 43.1 64.7
119 33.0 25.5 38.3

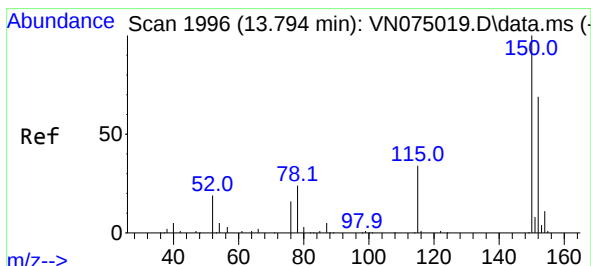
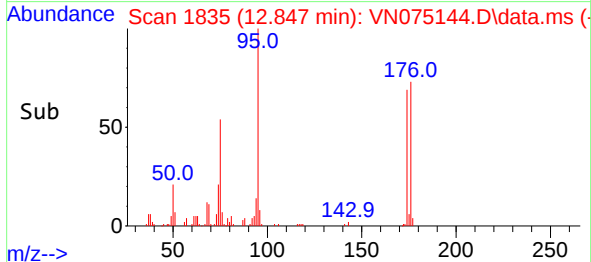
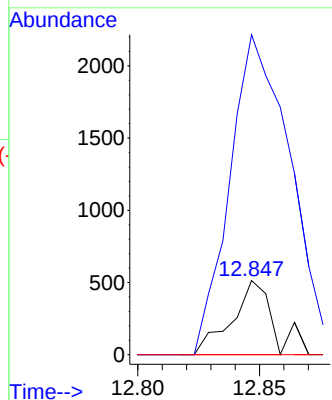
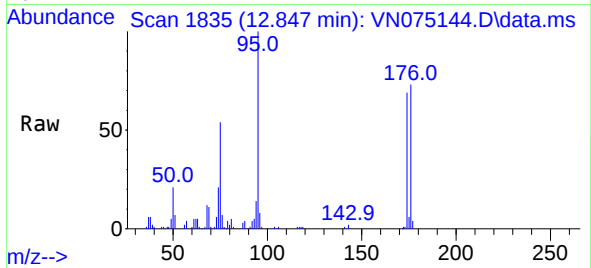




#71
Bromoform
Concen: 0.574 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

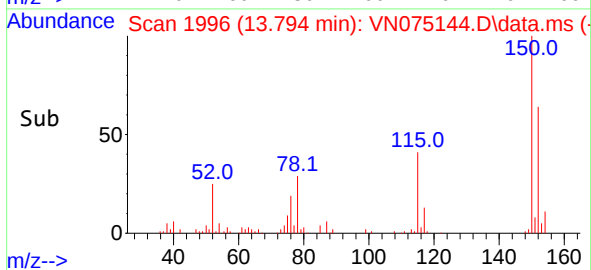
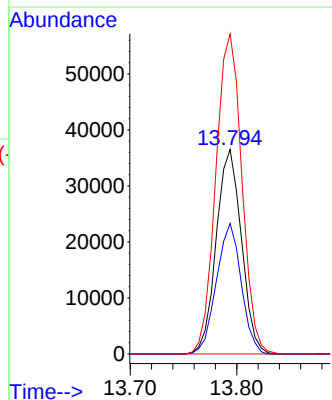
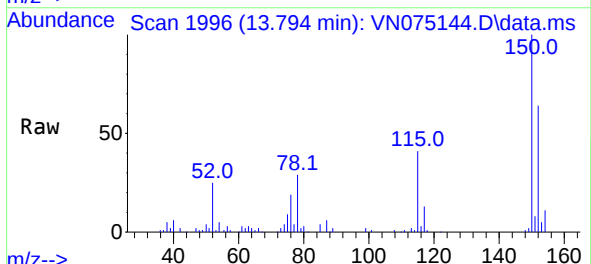
Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

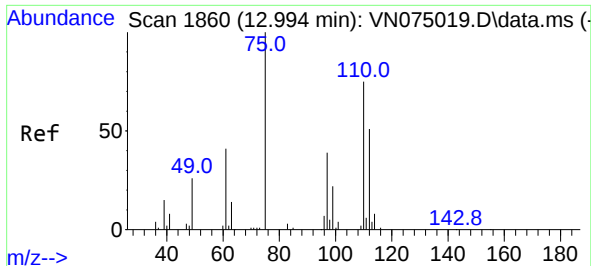
Tgt Ion:173 Resp: 532
Ion Ratio Lower Upper
173 100
175 579.9 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

Tgt Ion:152 Resp: 59951
Ion Ratio Lower Upper
152 100
115 62.6 30.2 90.6
150 161.4 0.0 348.4

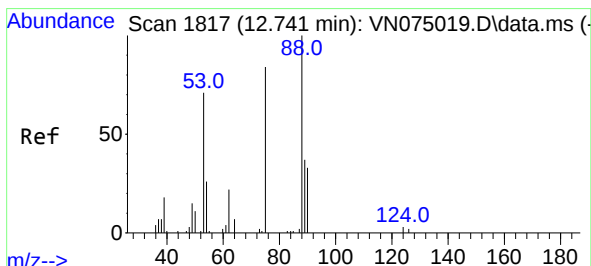
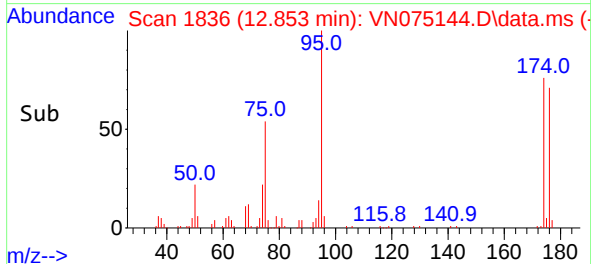
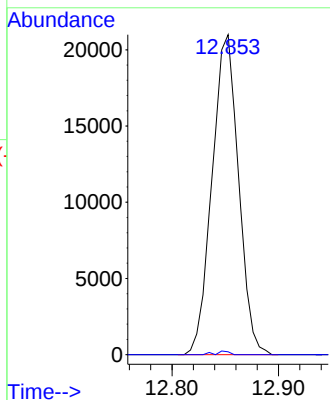
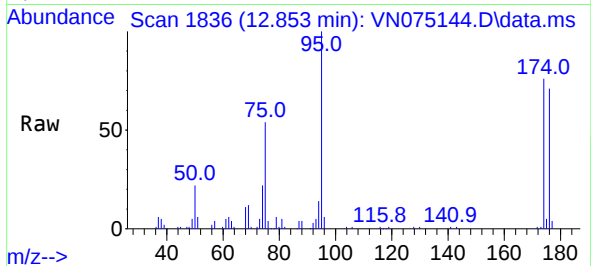




#76
1,2,3-Trichloropropane
Concen: 28.458 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
S-2-103122

Tgt Ion: 75 Resp: 36225
Ion Ratio Lower Upper
75 100
77 0.6 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.052 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075144.D
Acq: 03 Nov 2022 15:13

Tgt Ion: 75 Resp: 36225
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

