

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075268.D
 Acq On : 14 Nov 2022 16:27
 Operator : JC\MD
 Sample : N5415-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R-28

Quant Time: Nov 15 03:52:56 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)

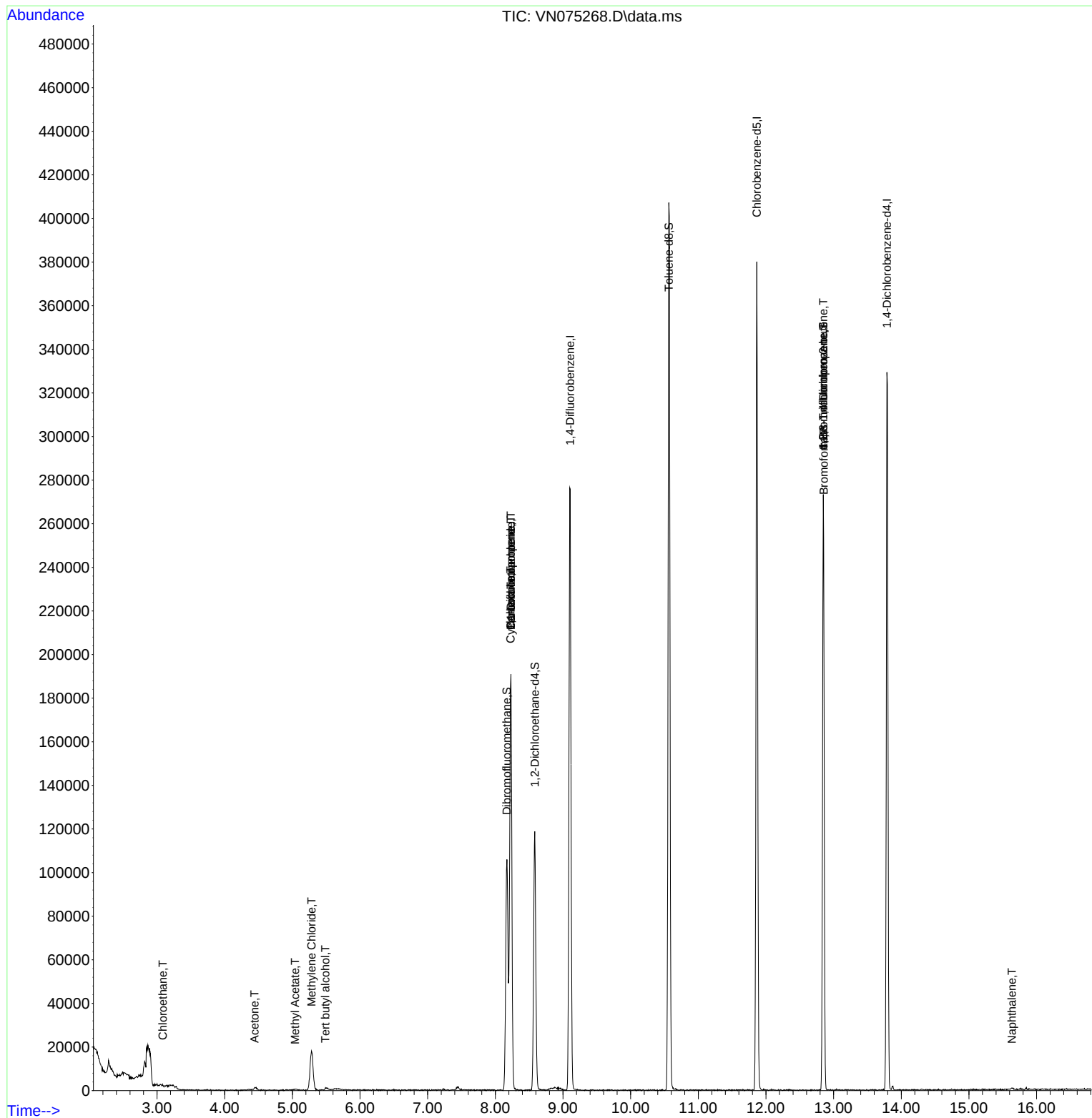
Internal Standards						
1) Pentafluorobenzene	8.230	168	139818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	95361	50.619	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.240%	
35) Dibromofluoromethane	8.171	113	77845	52.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.100%	
50) Toluene-d8	10.565	98	298206	51.885	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.760%	
62) 4-Bromofluorobenzene	12.847	95	94817	46.963	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.924	94	337	Below Cal	#	5
6) Chloroethane	3.083	64	585	0.296	ug/l #	45
11) Tert butyl alcohol	5.489	59	379	0.863	ug/l #	72
16) Acetone	4.442	43	1069	1.340	ug/l	89
18) Methyl Acetate	5.042	43	628	0.241	ug/l #	47
20) Methylene Chloride	5.283	84	16049	9.024	ug/l	89
31) Cyclohexane	8.224	56	2939	1.049	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	11330	4.940	ug/l #	50
38) Carbon Tetrachloride	8.230	117	15717	6.230	ug/l #	17
71) Bromoform	12.853	173	732	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	50434	25.778	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	50434	66.171	ug/l #	10
95) Naphthalene	15.635	128	1624	0.310	ug/l #	74

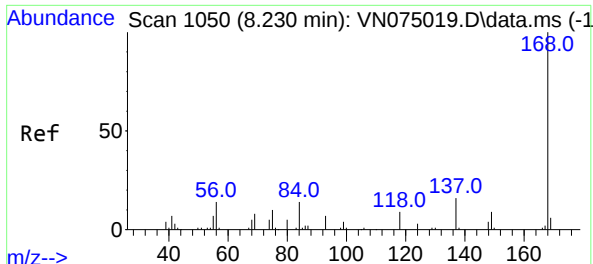
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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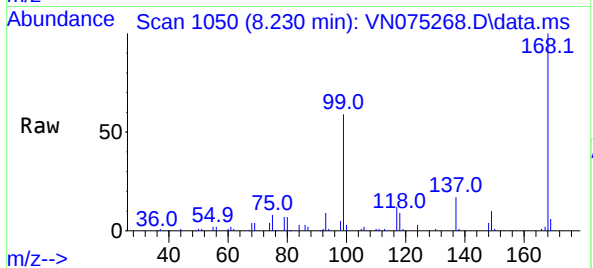
Quant Time: Nov 15 03:52:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
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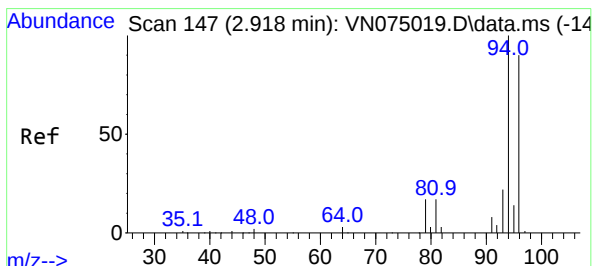
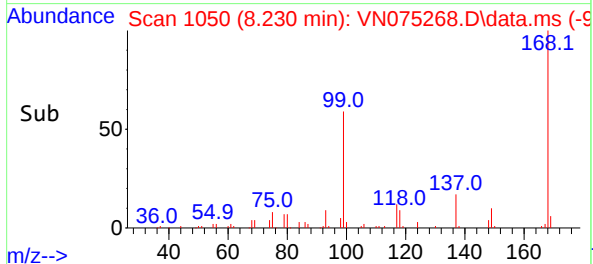
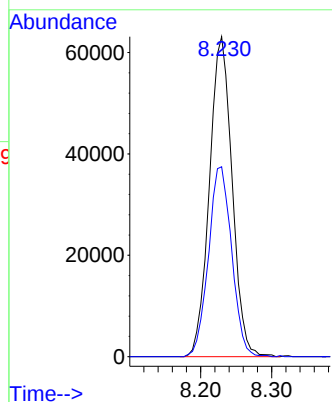


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
R-28

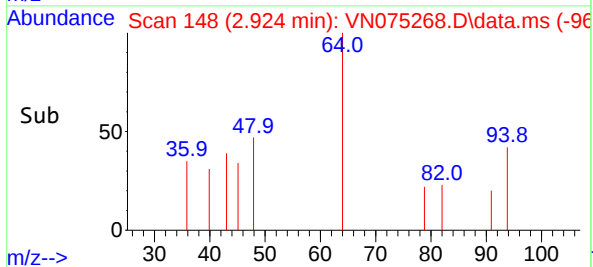
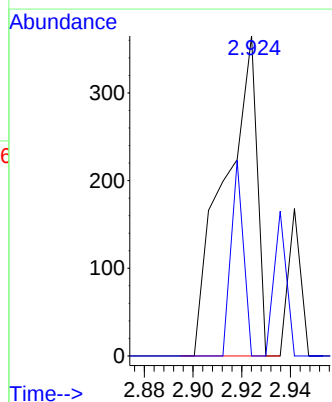
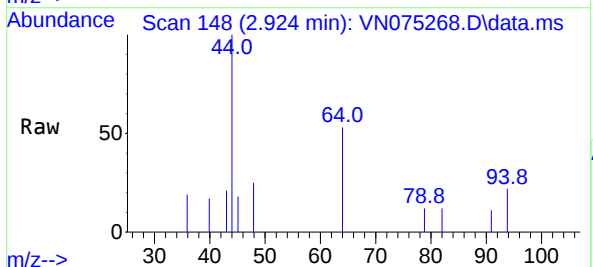


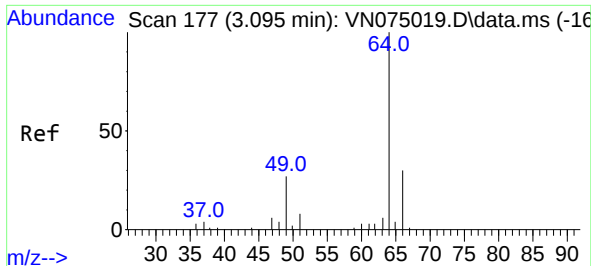
Tgt Ion:168 Resp: 139818
Ion Ratio Lower Upper
168 100
99 59.4 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.924 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

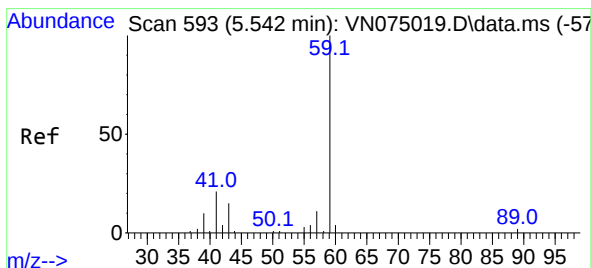
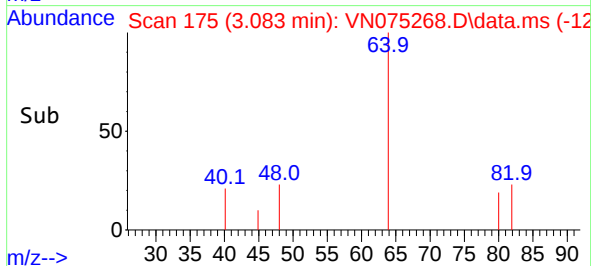
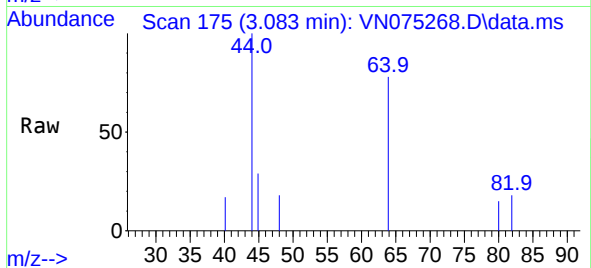




#6
Chloroethane
Concen: 0.296 ug/l
RT: 3.083 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

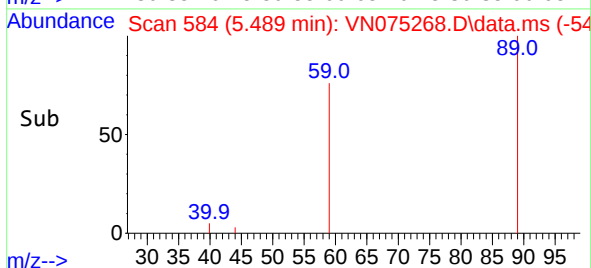
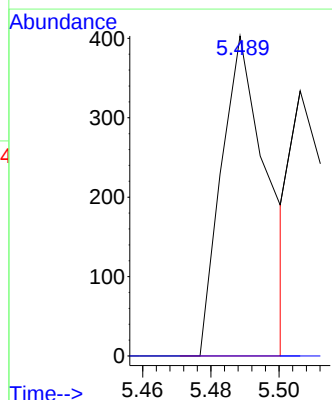
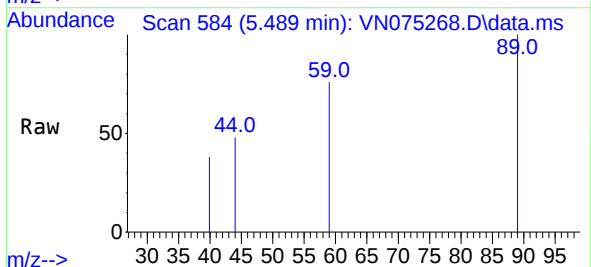
Instrument :
MSVOA_N
ClientSampleId :
R-28

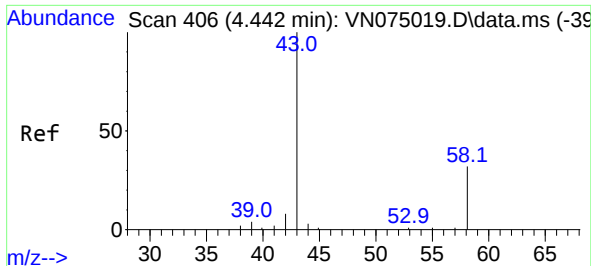
Tgt Ion: 64 Resp: 585
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.863 ug/l
RT: 5.489 min Scan# 584
Delta R.T. -0.053 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

Tgt Ion: 59 Resp: 379
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

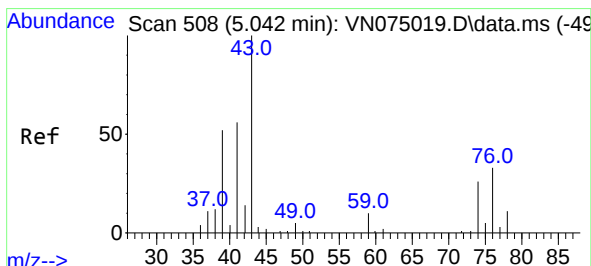
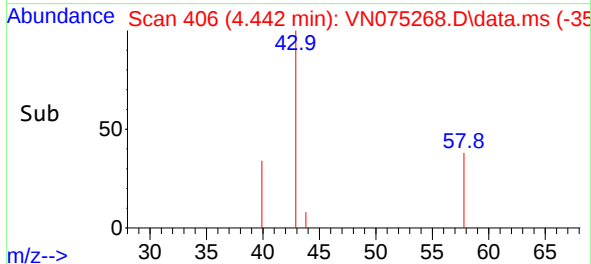
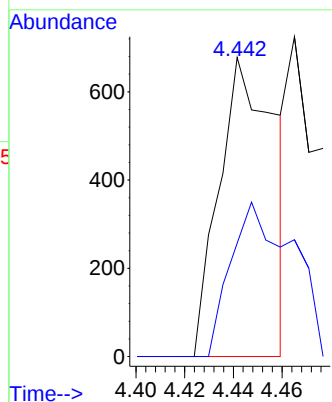
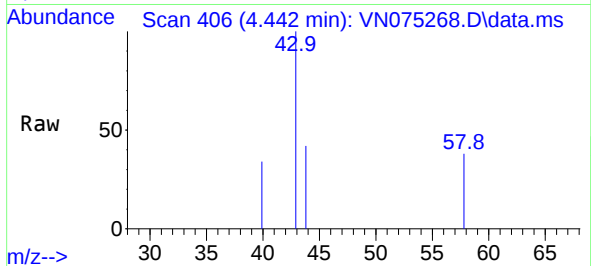




#16
Acetone
Concen: 1.340 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

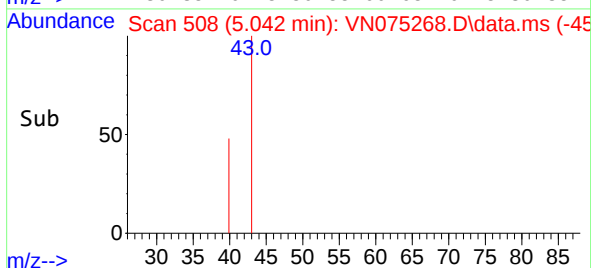
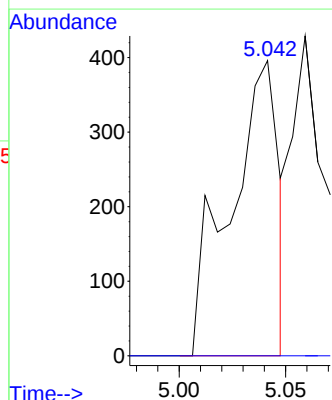
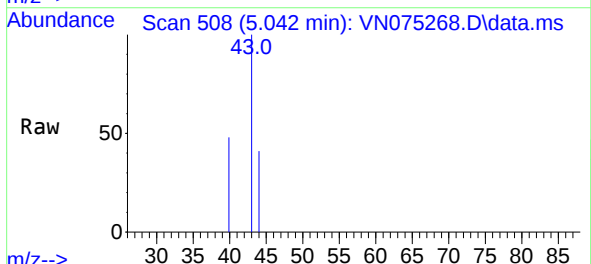
Instrument :
MSVOA_N
ClientSampleId :
R-28

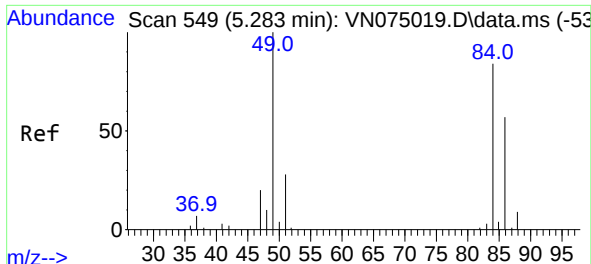
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 37.9 25.5 38.3



#18
Methyl Acetate
Concen: 0.241 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

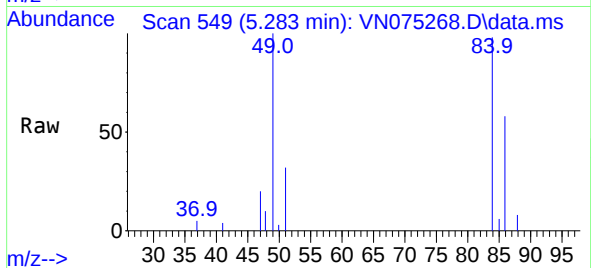
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#





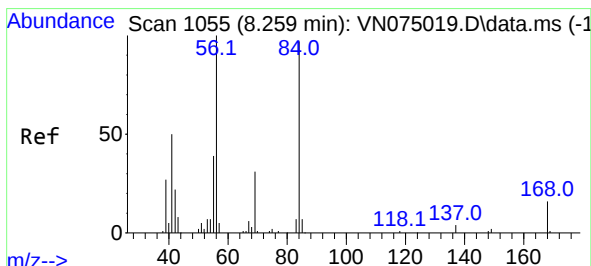
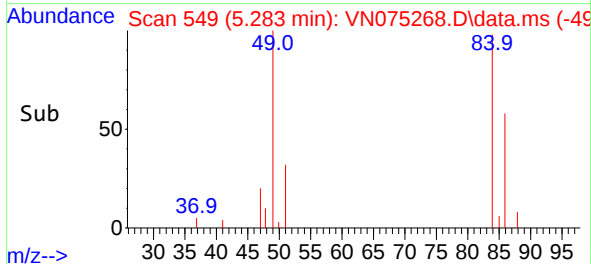
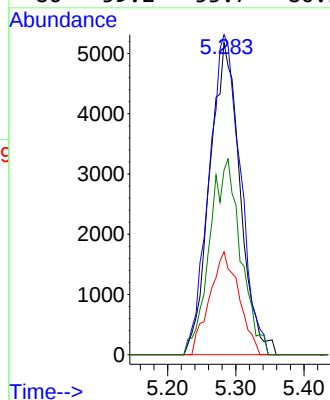
#20
Methylene Chloride
Concen: 9.024 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
R-28



Tgt Ion: 84 Resp: 16049

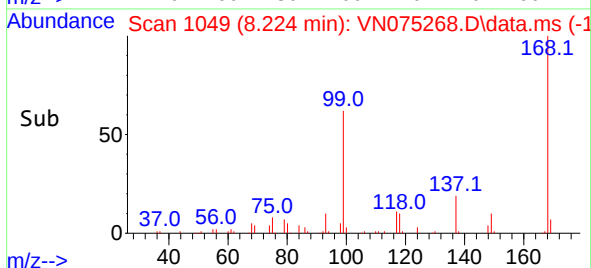
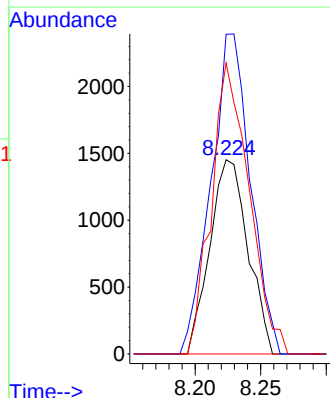
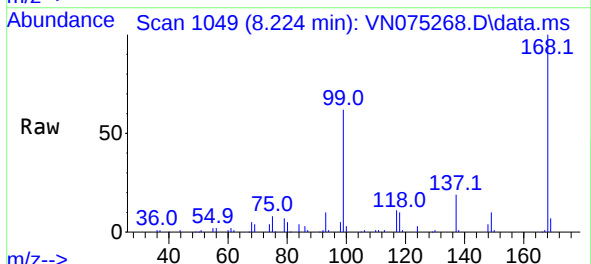
Ion	Ratio	Lower	Upper
84	100		
49	102.5	94.9	142.3
51	33.0	26.8	40.2
86	59.2	53.7	80.5

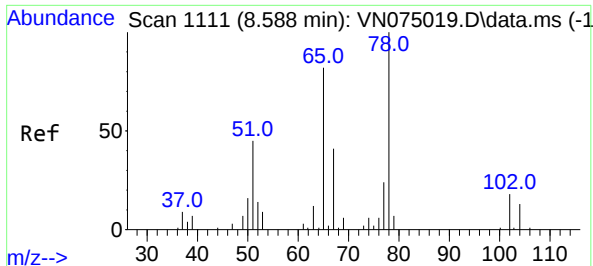


#31
Cyclohexane
Concen: 1.049 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

Tgt Ion: 56 Resp: 2939

Ion	Ratio	Lower	Upper
56	100		
69	164.6	25.2	37.8#
84	149.8	77.8	116.8#

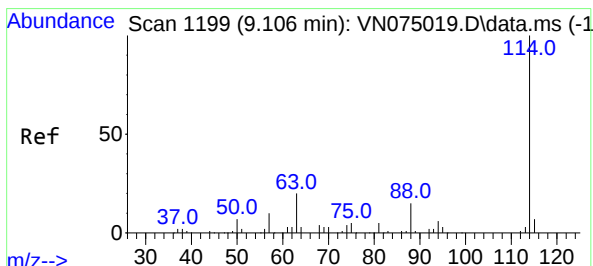
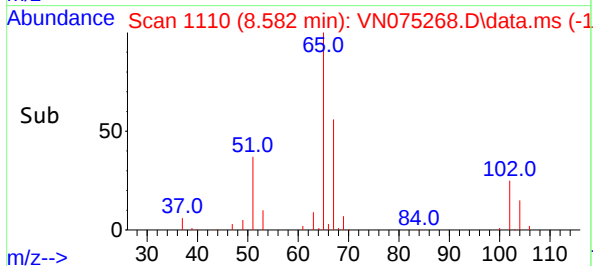
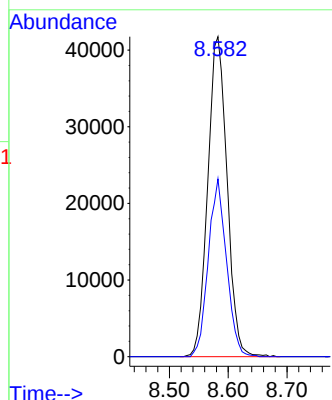
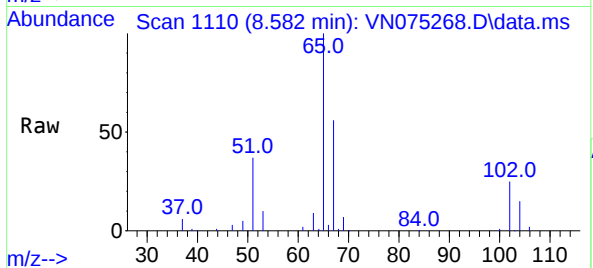




#33
1,2-Dichloroethane-d4
Concen: 50.619 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

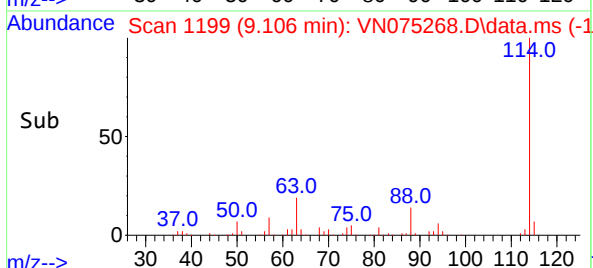
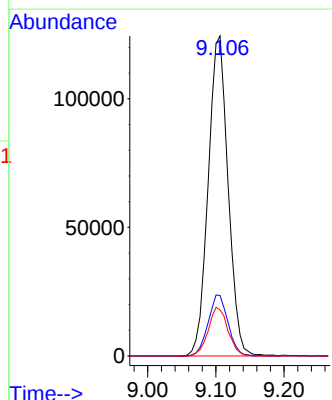
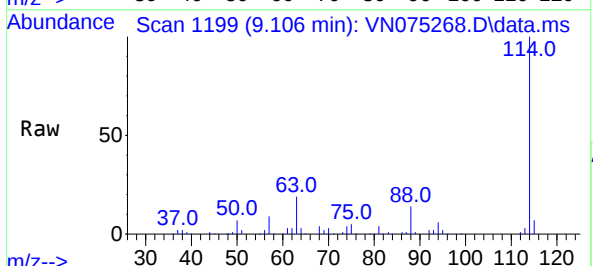
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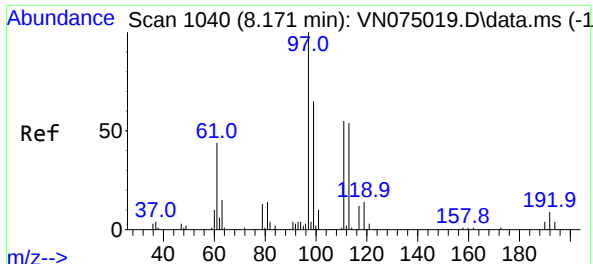
Tgt Ion: 65 Resp: 95361
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

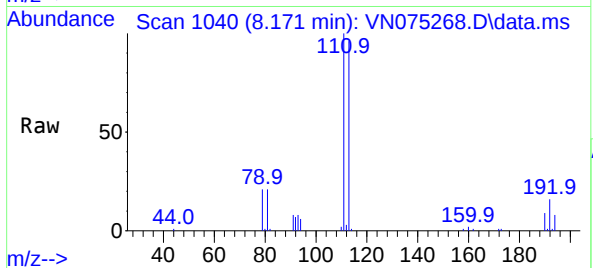
Tgt Ion: 114 Resp: 252349
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.6
88 14.4 0.0 29.0



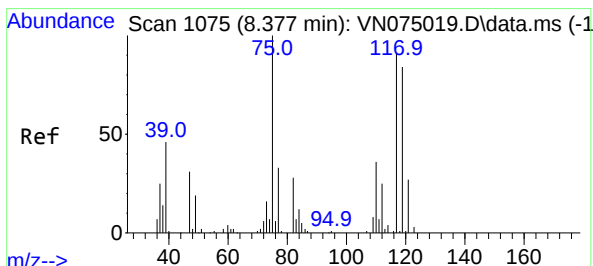
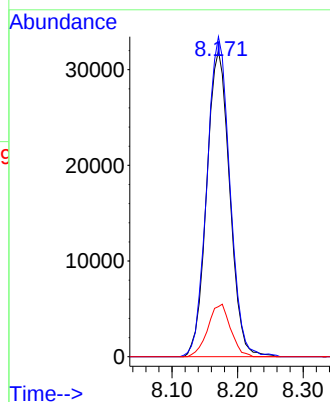
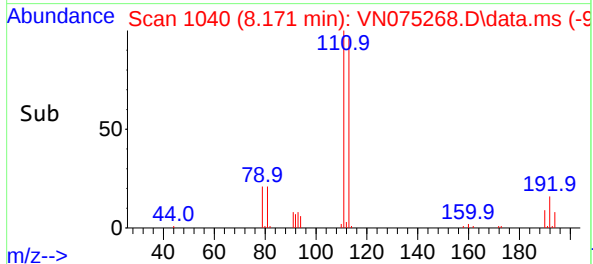


#35
Dibromofluoromethane
Concen: 52.548 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

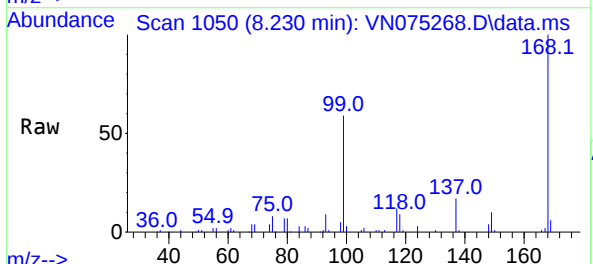
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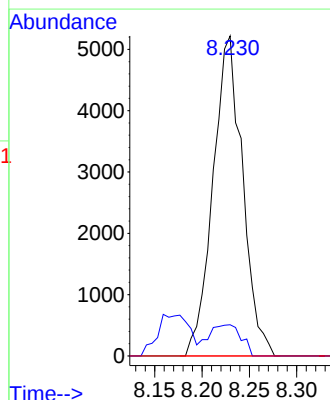
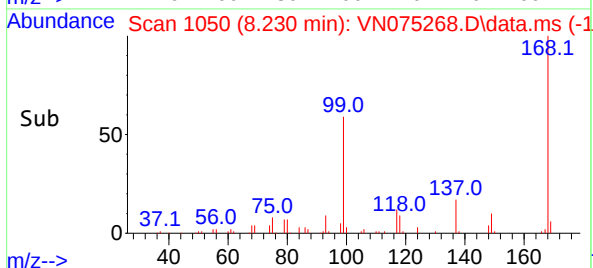
Tgt Ion:113 Resp: 77845
Ion Ratio Lower Upper
113 100
111 104.7 80.5 120.7
192 16.9 13.2 19.8

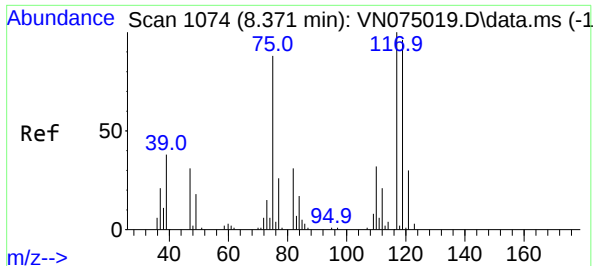


#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27



Tgt Ion: 75 Resp: 11330
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.3#
77 0.0 24.6 37.0#

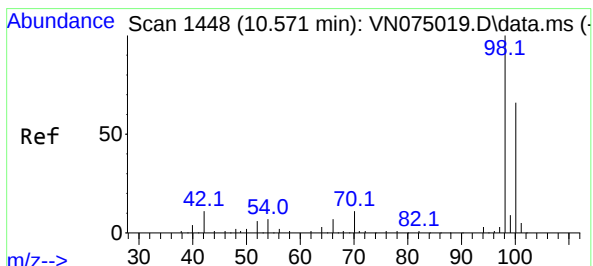
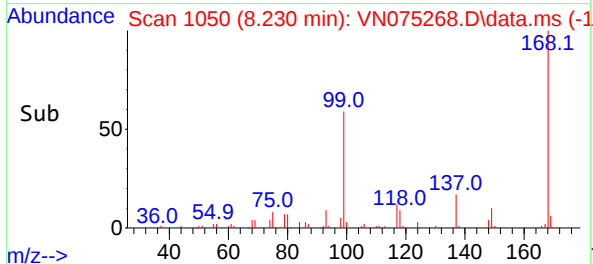
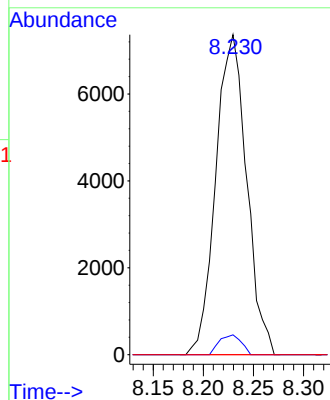
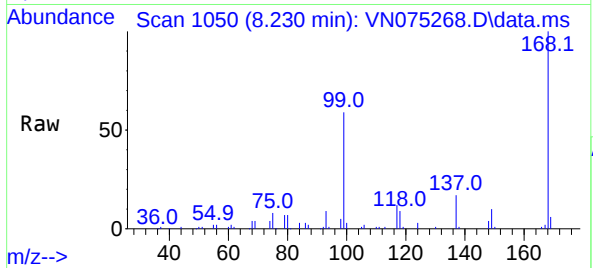




#38
Carbon Tetrachloride
Concen: 6.230 ug/l
RT: 8.230 min Scan# 1074
Delta R.T. -0.141 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

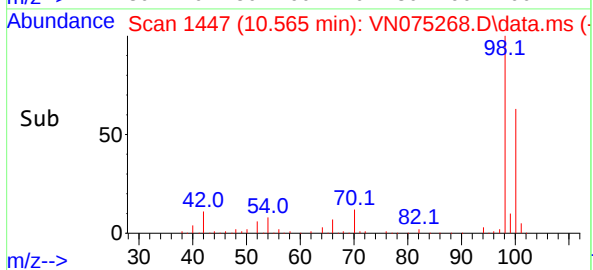
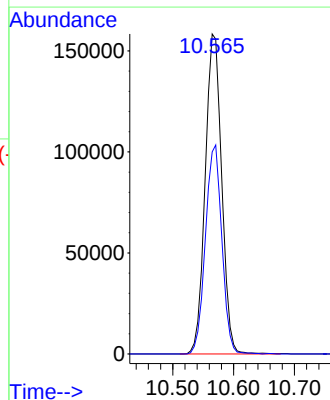
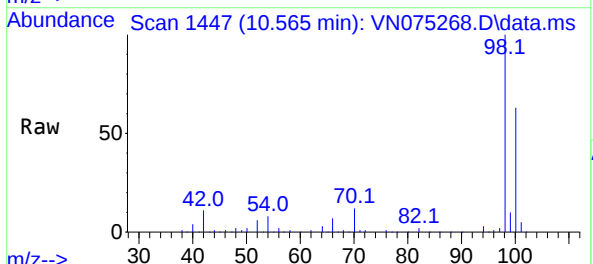
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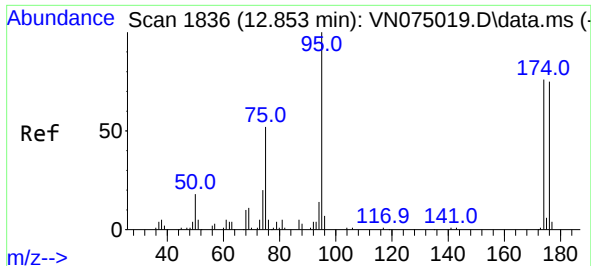
Tgt Ion:117 Resp: 15717
Ion Ratio Lower Upper
117 100
119 6.2 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 51.885 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

Tgt Ion: 98 Resp: 298206
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6

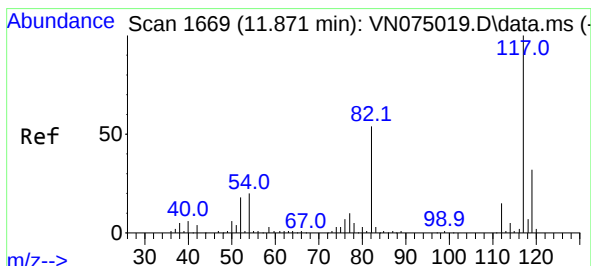
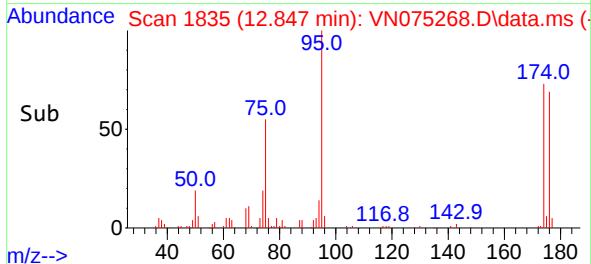
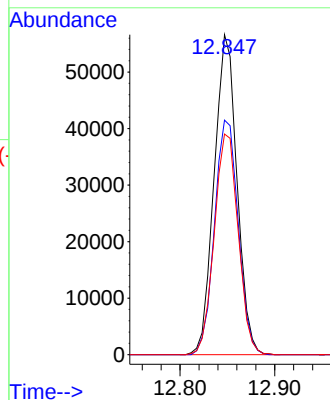
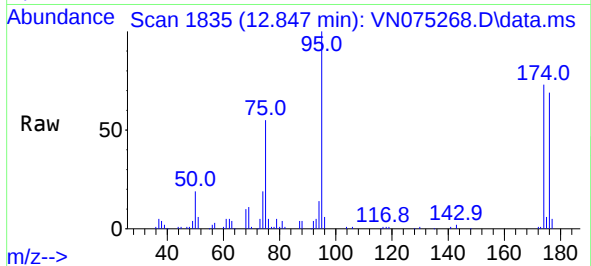




#62
4-Bromofluorobenzene
Concen: 46.963 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

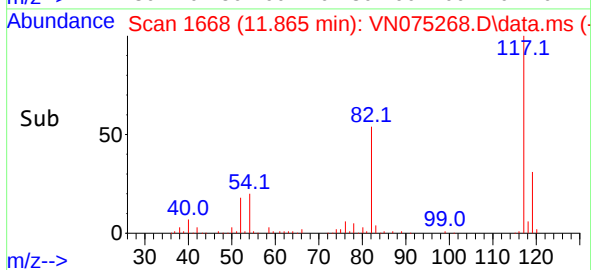
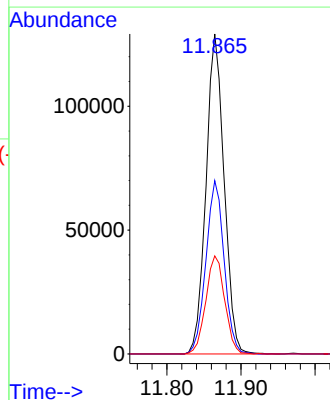
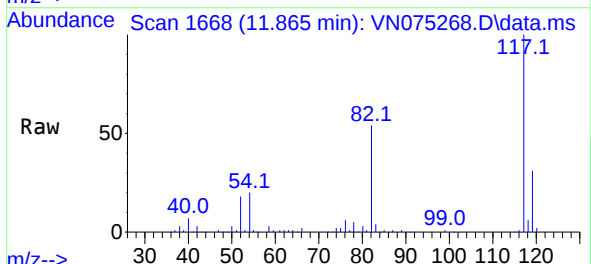
Instrument :
MSVOA_N
ClientSampleId :
R-28

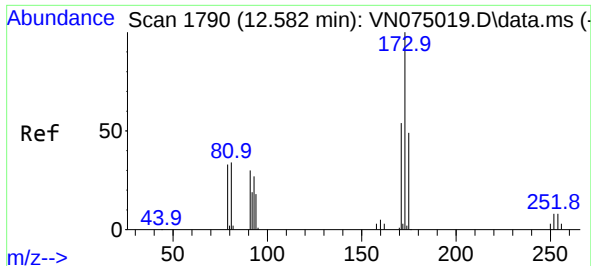
Tgt Ion: 95 Resp: 94817
Ion Ratio Lower Upper
95 100
174 76.2 0.0 147.4
176 72.2 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

Tgt Ion: 117 Resp: 219253
Ion Ratio Lower Upper
117 100
82 54.1 43.1 64.7
119 30.7 25.5 38.3

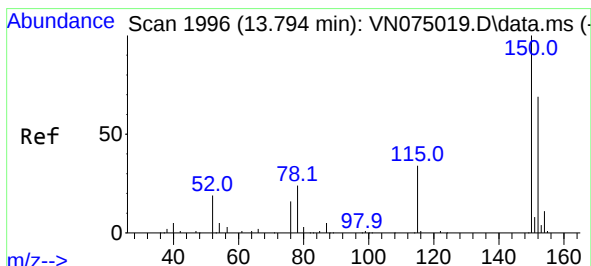
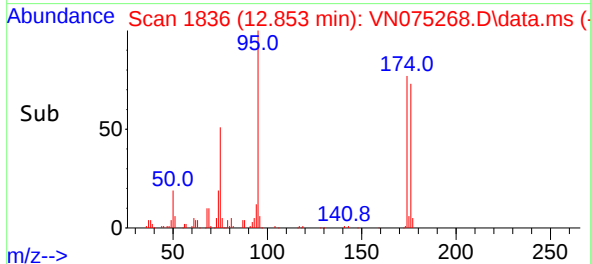
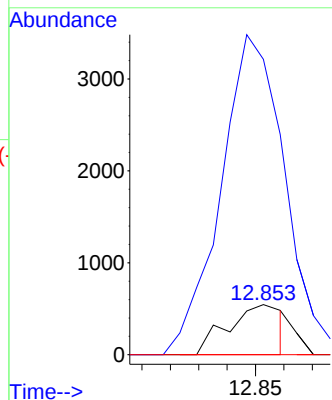
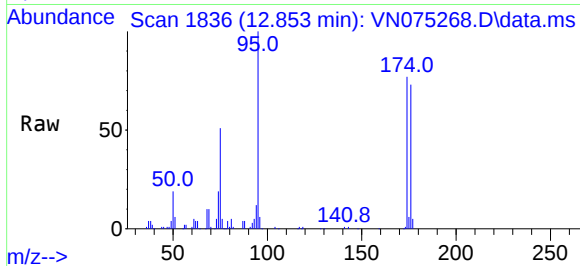




#71
Bromoform
Concen: 0.563 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

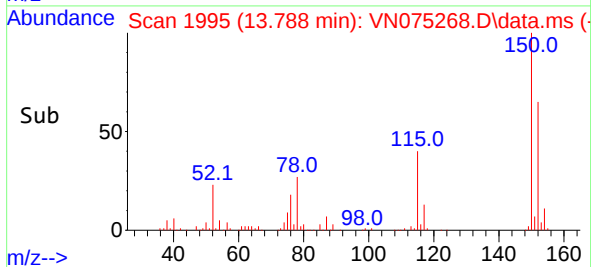
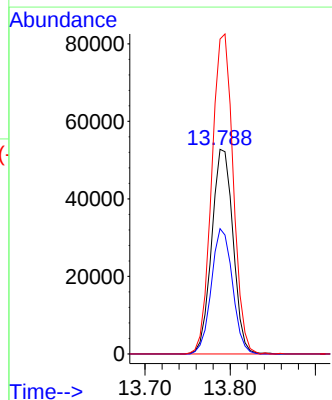
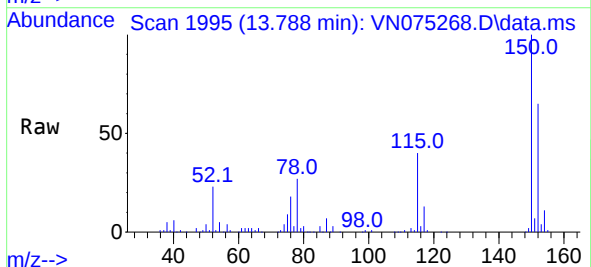
Instrument :
MSVOA_N
ClientSampleId :
R-28

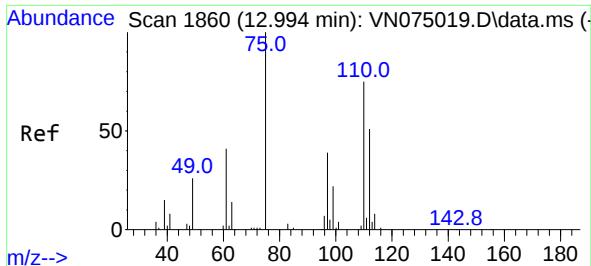
Tgt Ion:173 Resp: 732
Ion Ratio Lower Upper
173 100
175 664.9 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

Tgt Ion:152 Resp: 92146
Ion Ratio Lower Upper
152 100
115 60.4 30.2 90.6
150 156.4 0.0 348.4

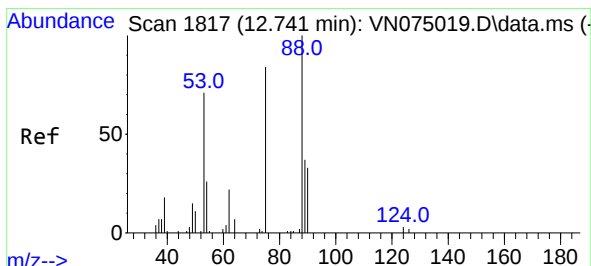
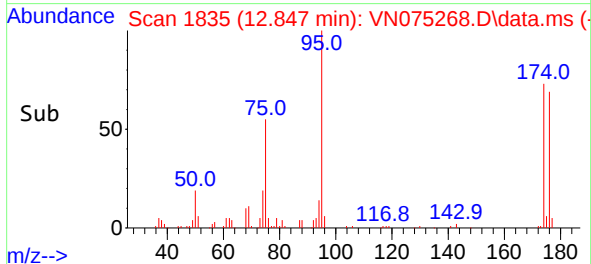
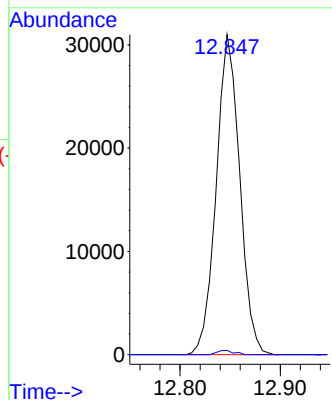
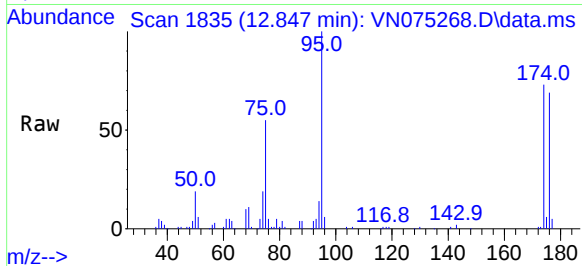




#76
1,2,3-Trichloropropane
Concen: 25.778 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

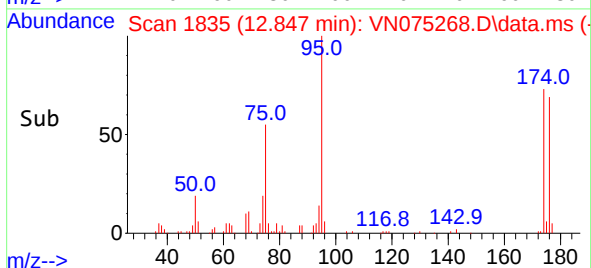
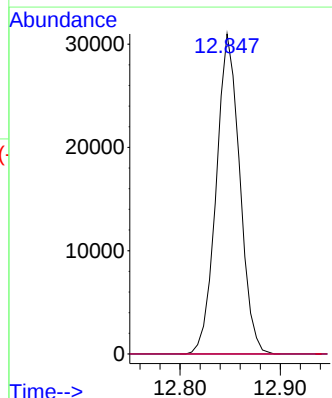
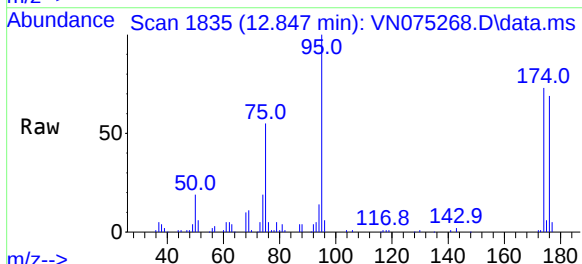
Instrument :
MSVOA_N
ClientSampleId :
R-28

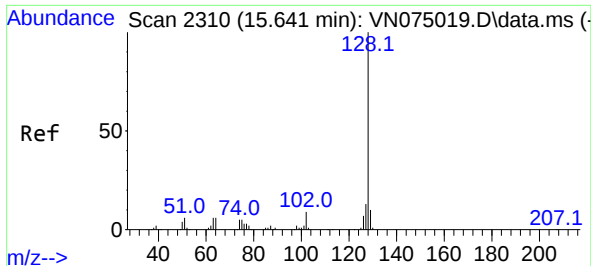
Tgt Ion: 75 Resp: 50434
Ion Ratio Lower Upper
75 100
77 1.0 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.171 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

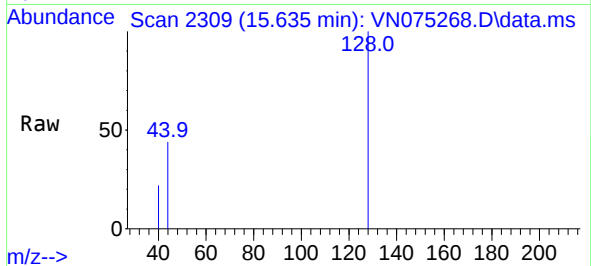
Tgt Ion: 75 Resp: 50434
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#95
Naphthalene
Concen: 0.310 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
R-28



Tgt Ion:128 Resp: 1624
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 3.9 8.6 12.8#

