

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075148.D
 Acq On : 03 Nov 2022 16:49
 Operator : JC\MD
 Sample : PB148771TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148771TB

Quant Time: Nov 04 04:11:16 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)

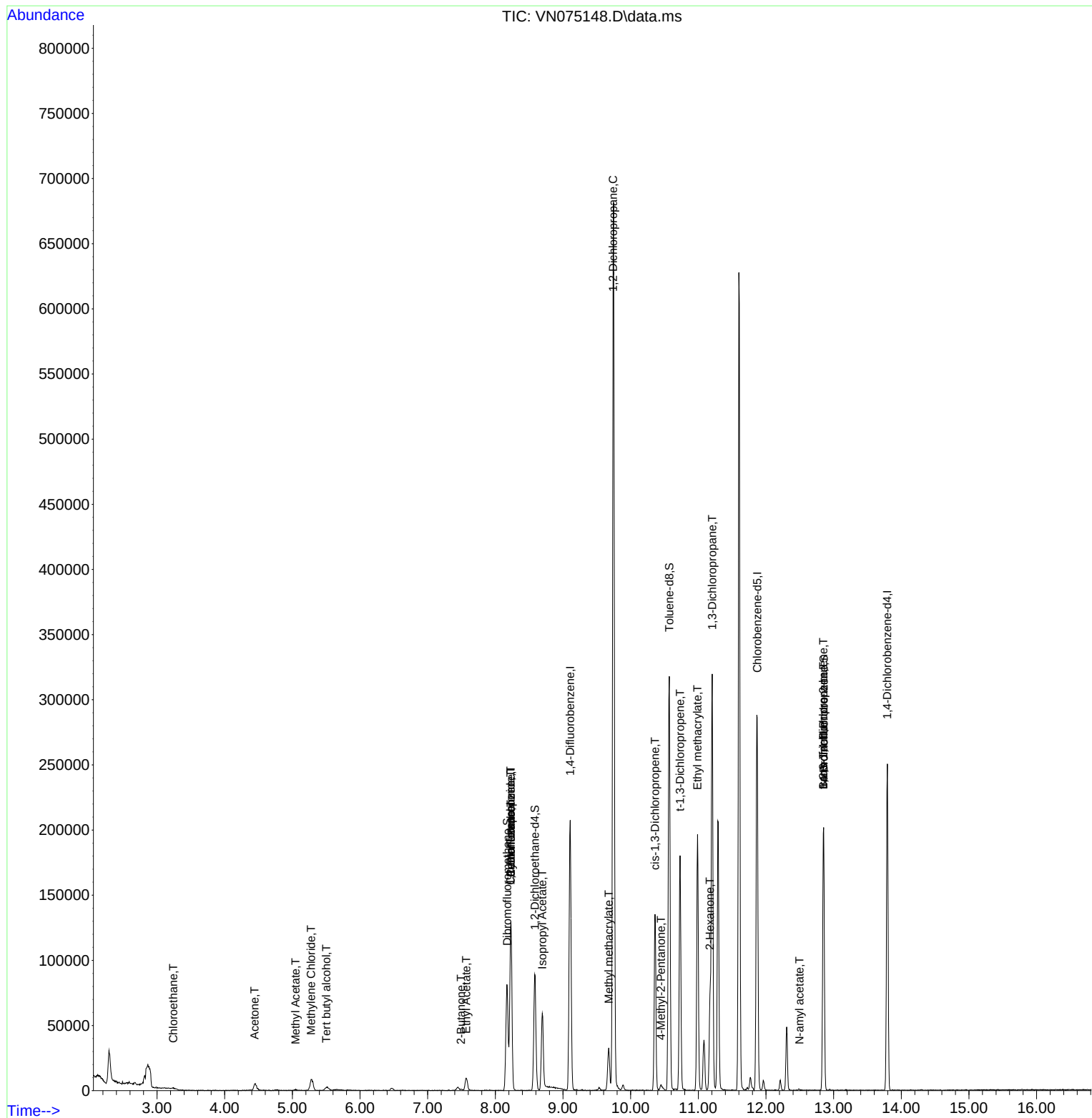
Internal Standards						
1) Pentafluorobenzene	8.230	168	91634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	179975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	169427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	64047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	73524	59.550	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.100%	
35) Dibromofluoromethane	8.177	113	56552	53.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.060%	
50) Toluene-d8	10.571	98	222804	54.354	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.700%	
62) 4-Bromofluorobenzene	12.853	95	70176	48.735	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.918	94	58	Below Cal	#	5
6) Chloroethane	3.242	64	1198	0.925	ug/l #	45
11) Tert butyl alcohol	5.500	59	2878	9.996	ug/l #	72
16) Acetone	4.442	43	10376	19.848	ug/l	95
18) Methyl Acetate	5.047	43	1259	0.737	ug/l #	58
20) Methylene Chloride	5.277	84	7990	6.855	ug/l #	78
25) 2-Butanone	7.494	43	1119	1.361	ug/l #	43
31) Cyclohexane	8.230	56	2236	1.218	ug/l #	25
36) 1,1-Dichloropropene	8.224	75	8377	5.121	ug/l #	49
37) Ethyl Acetate	7.571	43	14806	8.254	ug/l	97
38) Carbon Tetrachloride	8.224	117	10557	5.867	ug/l #	17
43) Isopropyl Acetate	8.694	43	66092	23.753	ug/l #	90
45) 1,2-Dichloropropane	9.741	63	664	0.557	ug/l #	42
48) Methyl methacrylate	9.677	41	1846	1.446	ug/l #	6
51) 4-Methyl-2-Pentanone	10.447	43	5127	2.855	ug/l #	65
53) t-1,3-Dichloropropene	10.729	75	432	0.228	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	25013	12.425	ug/l #	73
56) Ethyl methacrylate	10.988	69	646	0.319	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3596	1.627	ug/l #	42
59) 2-Hexanone	11.171	43	55168	40.482	ug/l #	21
71) Bromoform	12.847	173	724	0.721	ug/l #	1
74) N-amyl acetate	12.494	43	570	0.300	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	39620	29.135	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	39620	74.789	ug/l #	10

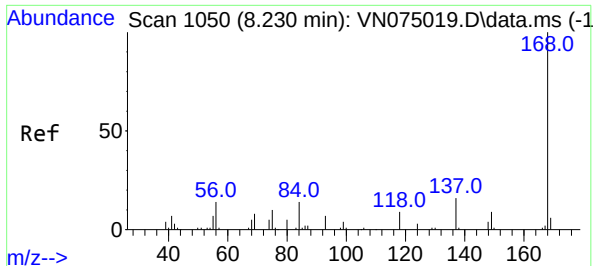
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PB148771TB

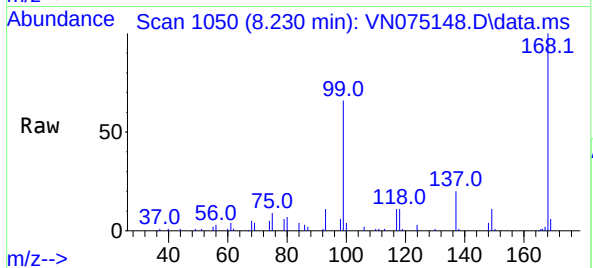
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
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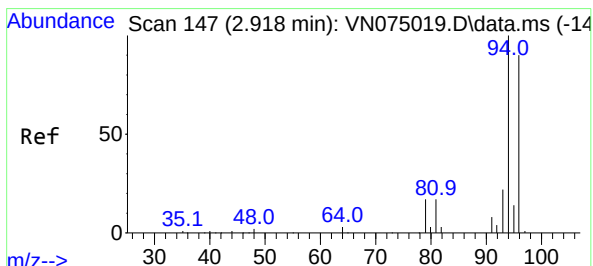
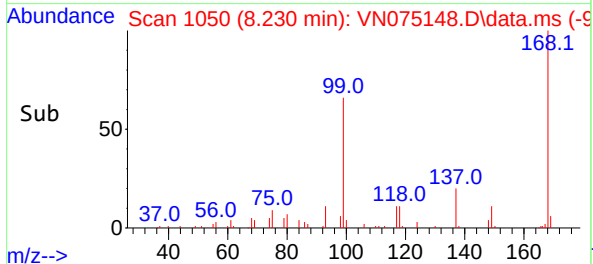
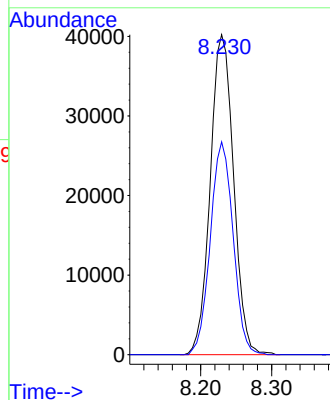


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
PB148771TB

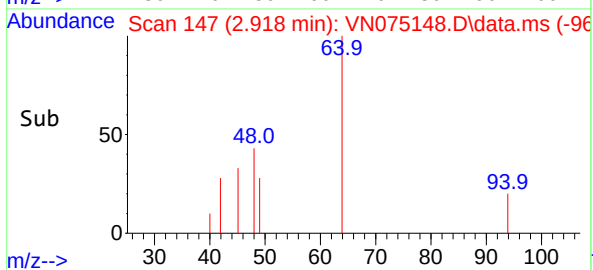
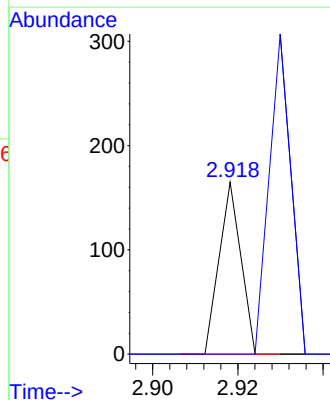
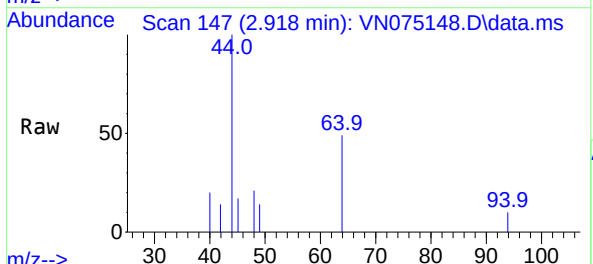


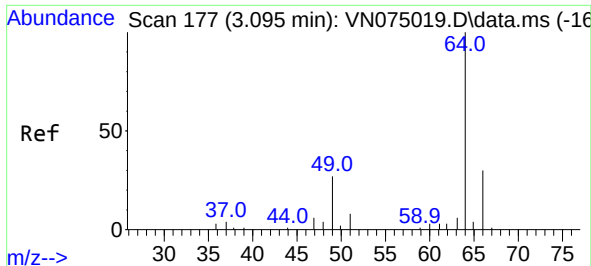
Tgt Ion:168 Resp: 91634
Ion Ratio Lower Upper
168 100
99 66.5 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 94 Resp: 58
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

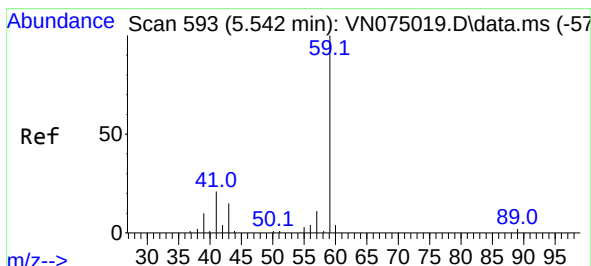
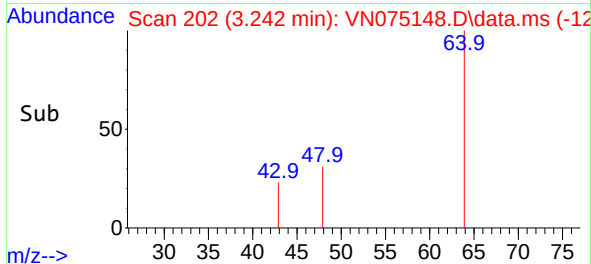
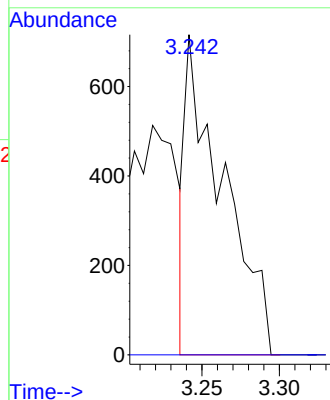
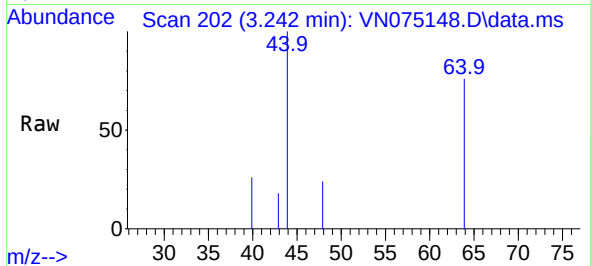




#6
Chloroethane
Concen: 0.925 ug/l
RT: 3.242 min Scan# 20
Delta R.T. 0.147 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

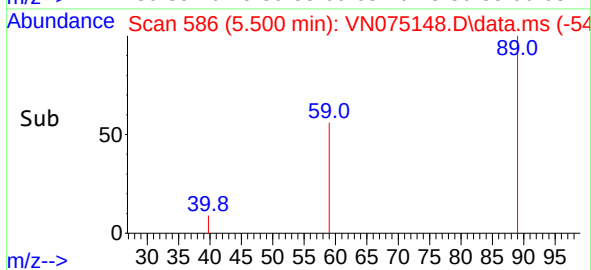
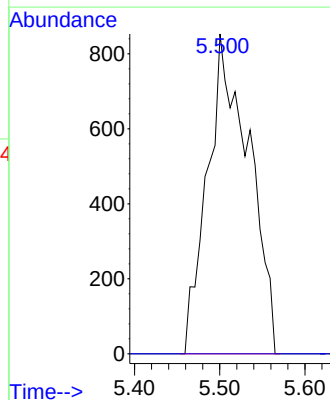
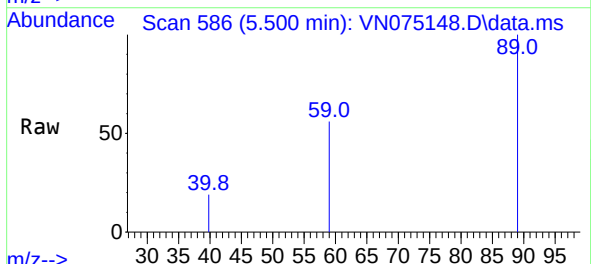
Instrument :
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ClientSampleId :
PB148771TB

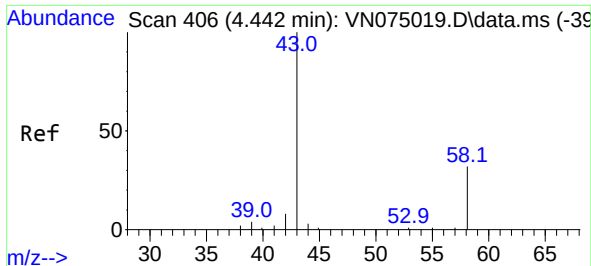
Tgt Ion: 64 Resp: 1198
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 9.996 ug/l
RT: 5.500 min Scan# 586
Delta R.T. -0.042 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 59 Resp: 2878
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

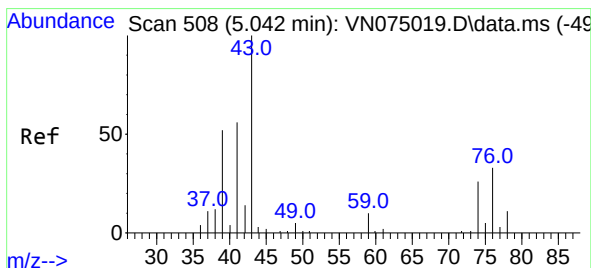
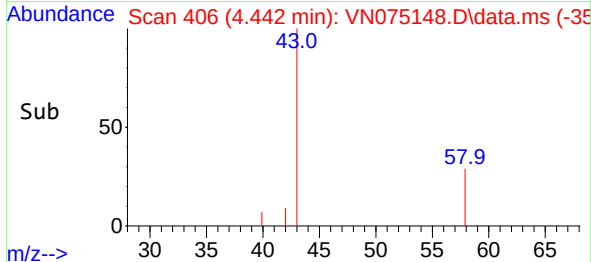
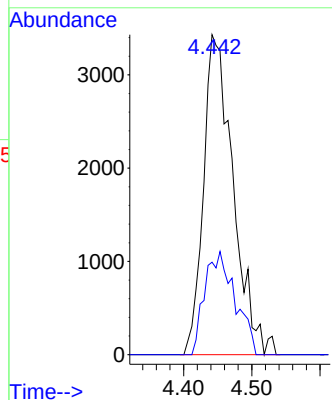
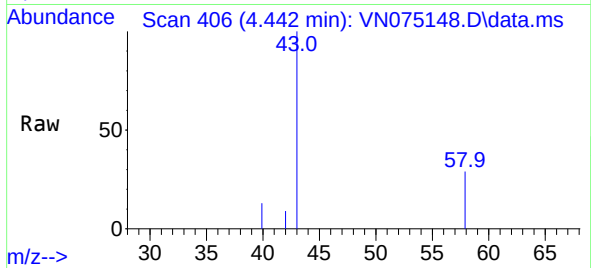




#16
Acetone
Concen: 19.848 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

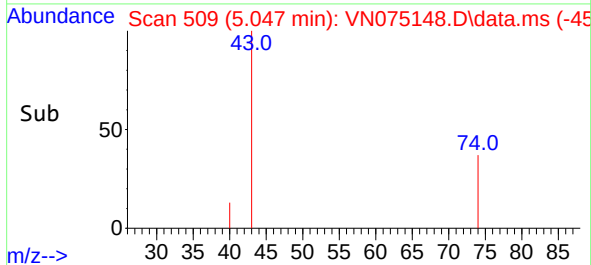
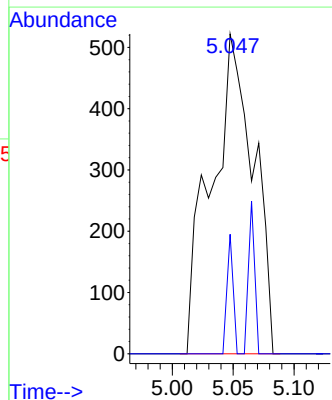
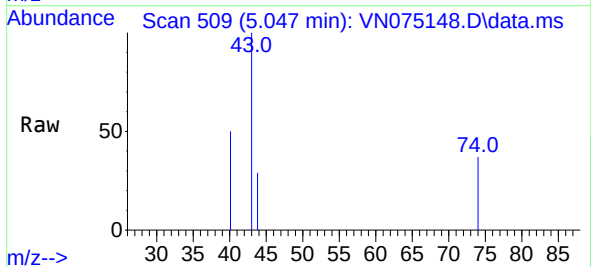
Instrument :
MSVOA_N
ClientSampleId :
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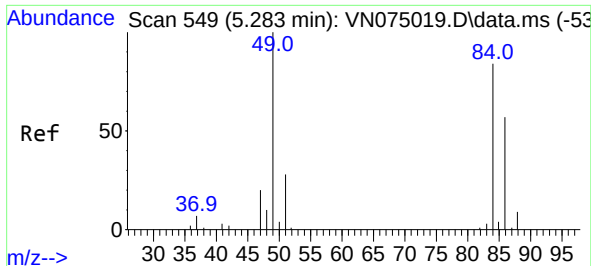
Tgt Ion: 43 Resp: 10376
Ion Ratio Lower Upper
43 100
58 28.9 25.5 38.3



#18
Methyl Acetate
Concen: 0.737 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.005 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
74 5.5 22.0 33.0#

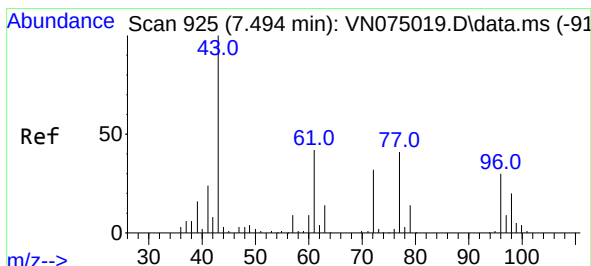
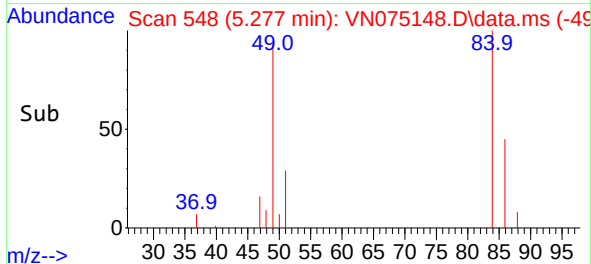
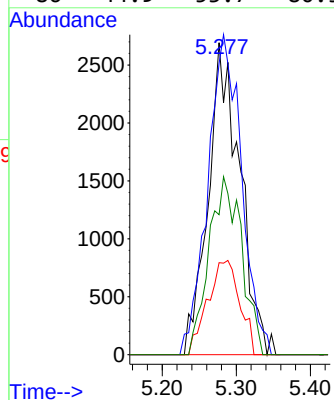
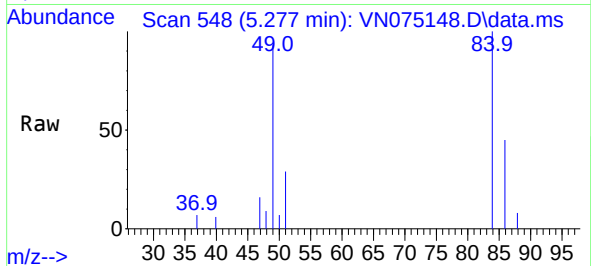




#20
Methylene Chloride
Concen: 6.855 ug/l
RT: 5.277 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

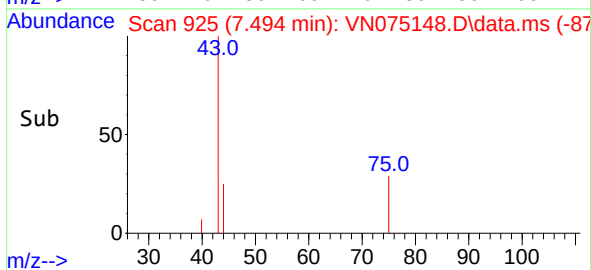
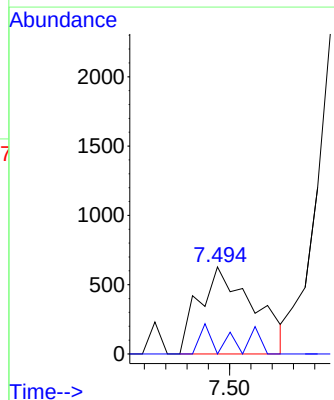
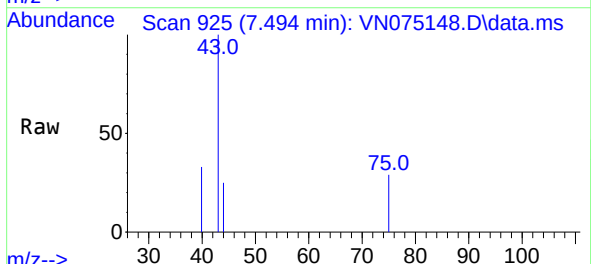
Instrument :
MSVOA_N
ClientSampleId :
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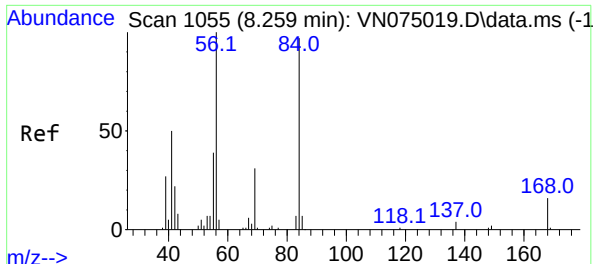
Tgt Ion: 84	Resp: 7990
Ion Ratio	Lower Upper
84 100	
49 93.4	94.9 142.3#
51 29.5	26.8 40.2
86 44.9	53.7 80.5#



#25
2-Butanone
Concen: 1.361 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 43	Resp: 1119
Ion Ratio	Lower Upper
43 100	
72 0.0	25.5 38.3#

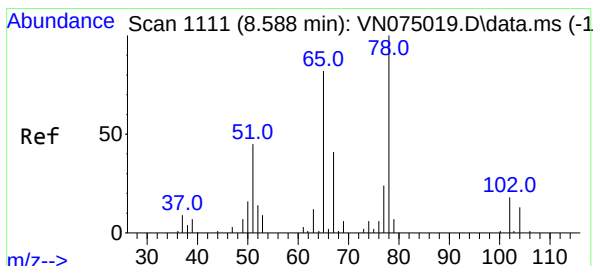
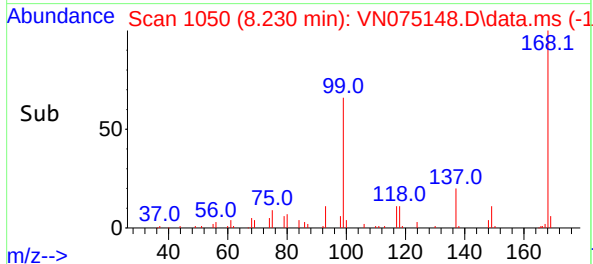
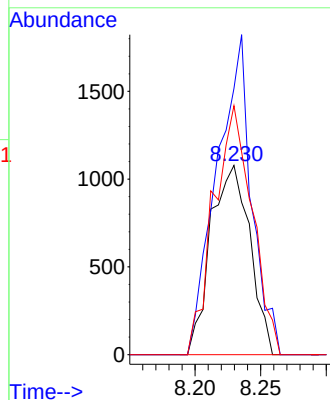
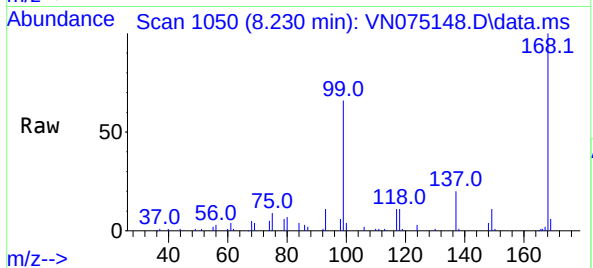




#31
Cyclohexane
Concen: 1.218 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

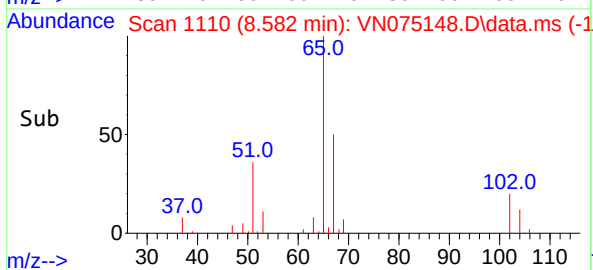
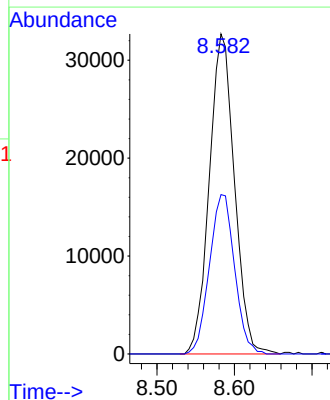
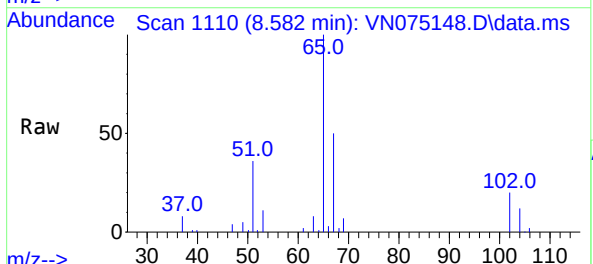
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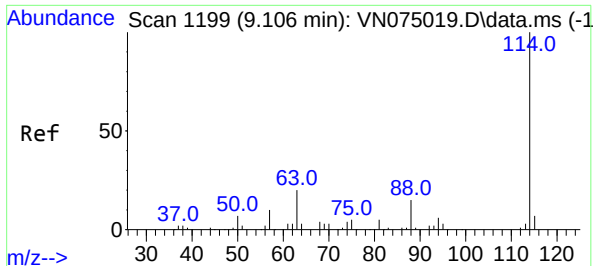
Tgt Ion: 56 Resp: 2236
Ion Ratio Lower Upper
56 100
69 140.7 25.2 37.8#
84 131.5 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 59.550 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 65 Resp: 73524
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.0

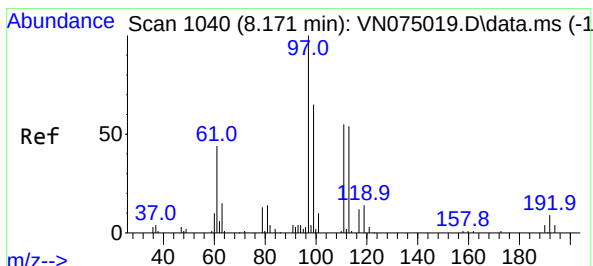
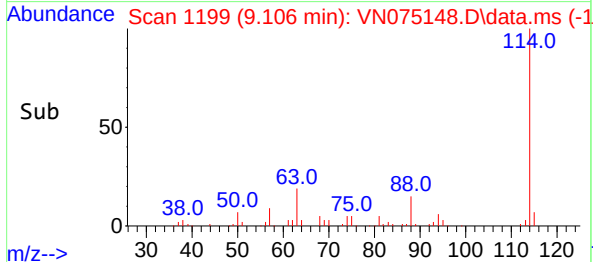
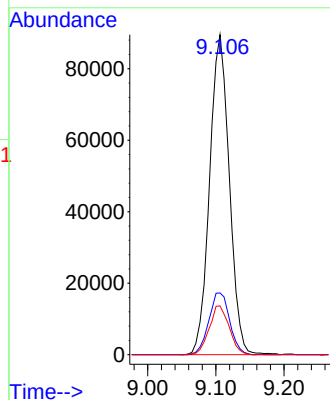
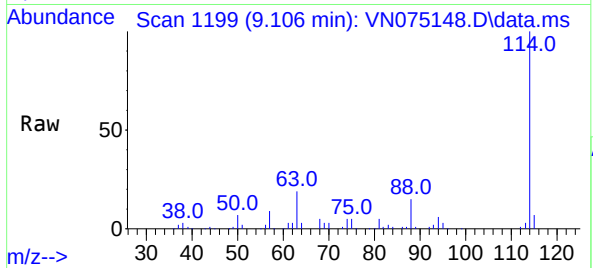




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

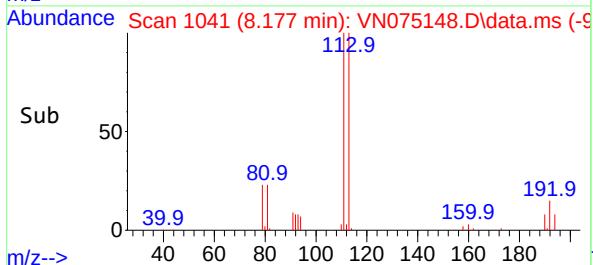
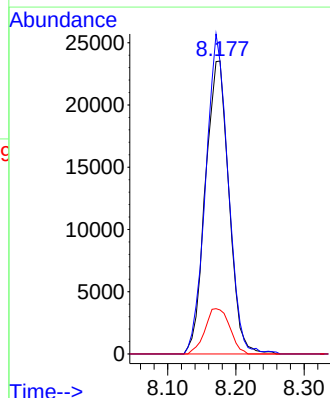
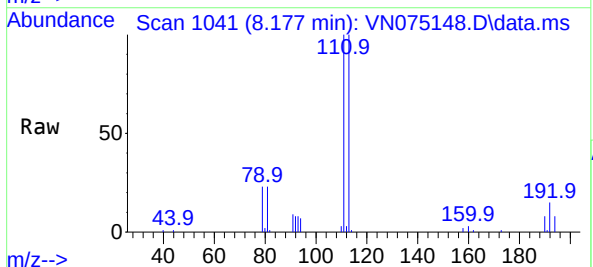
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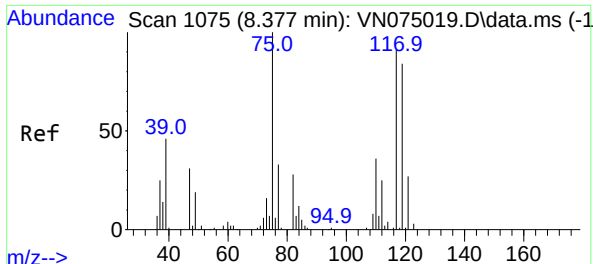
Tgt Ion:114 Resp: 179975
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.6
88 15.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 53.525 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion:113 Resp: 56552
Ion Ratio Lower Upper
113 100
111 103.9 80.5 120.7
192 16.2 13.2 19.8

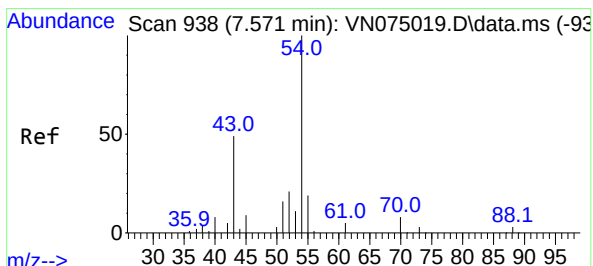
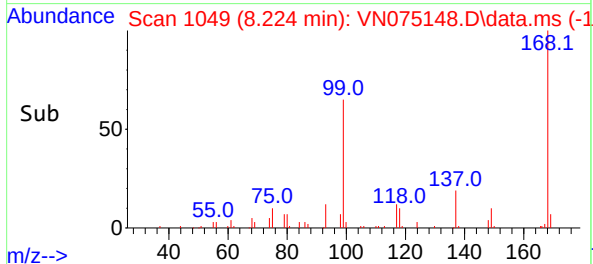
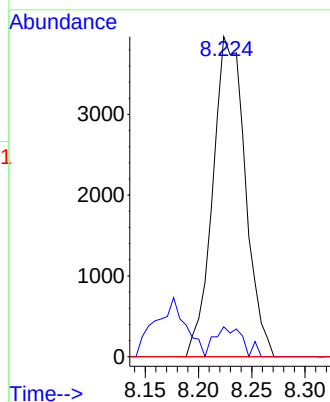
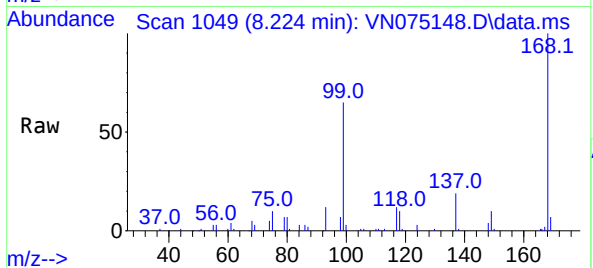




#36
1,1-Dichloropropene
Concen: 5.121 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

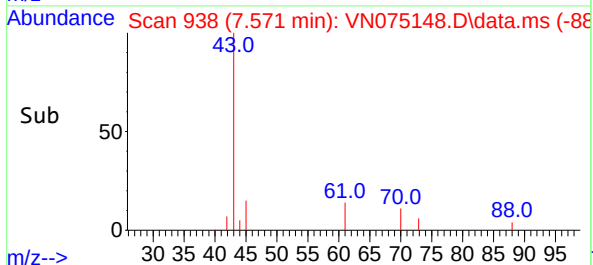
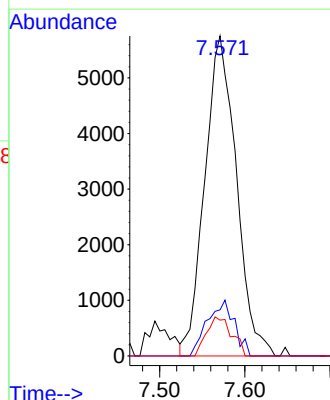
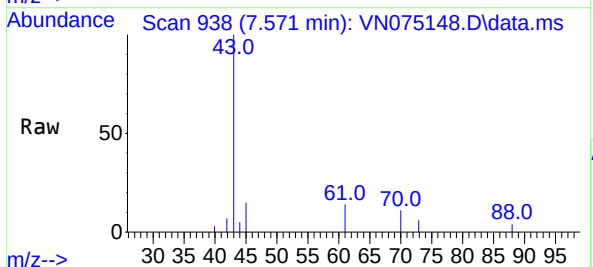
Instrument :
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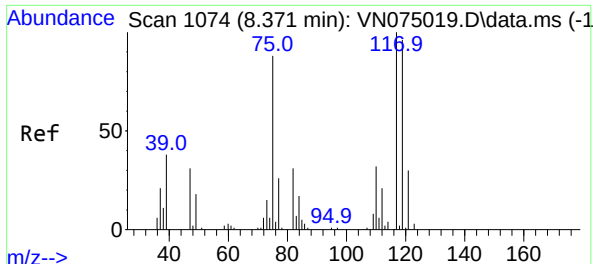
Tgt Ion: 75 Resp: 8377
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.3#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 8.254 ug/l
RT: 7.571 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

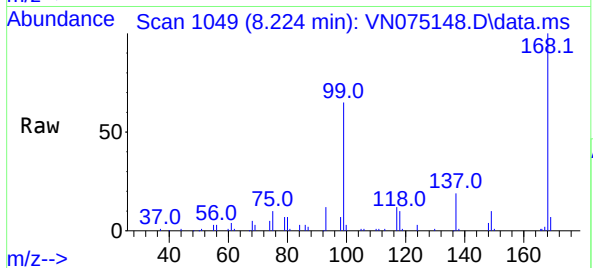
Tgt Ion: 43 Resp: 14806
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.4
70 9.8 9.4 14.2



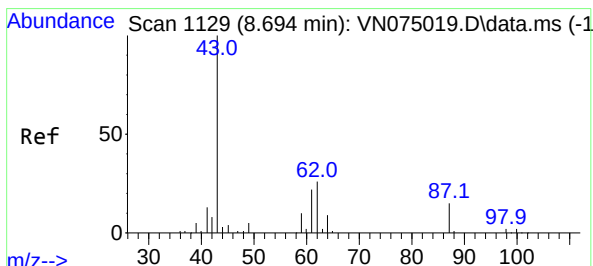
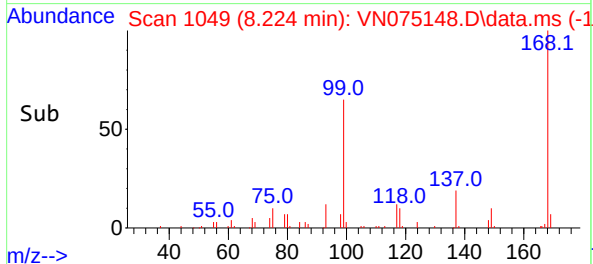
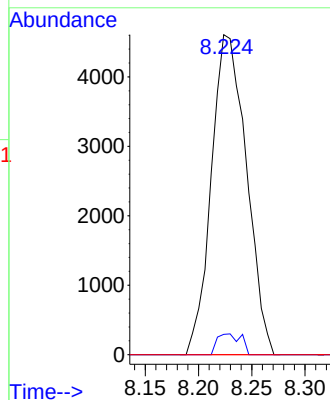


#38
Carbon Tetrachloride
Concen: 5.867 ug/l
RT: 8.224 min Scan# 1074
Delta R.T. -0.147 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
PB148771TB

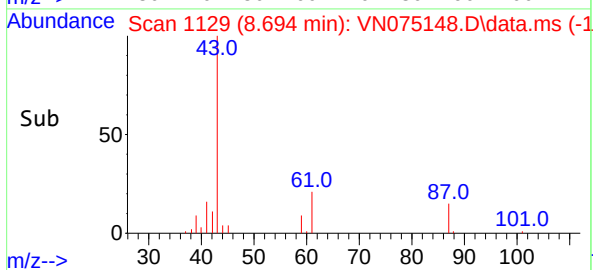
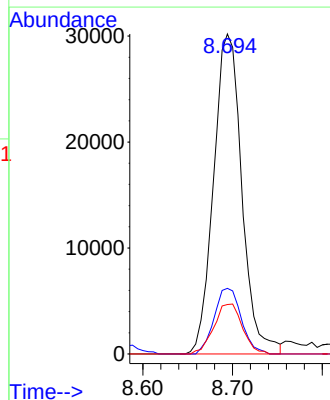
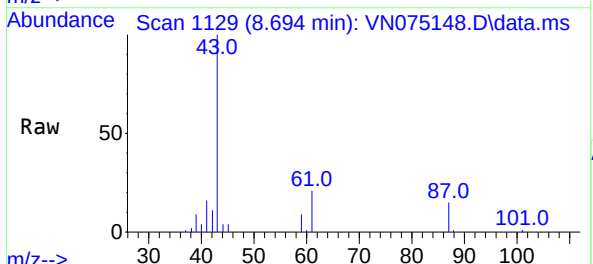


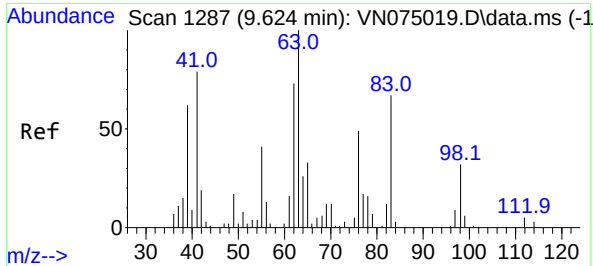
Tgt Ion:117 Resp: 10557
Ion Ratio Lower Upper
117 100
119 6.3 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 23.753 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 43 Resp: 66092
Ion Ratio Lower Upper
43 100
61 19.7 22.4 33.6#
87 15.7 12.5 18.7

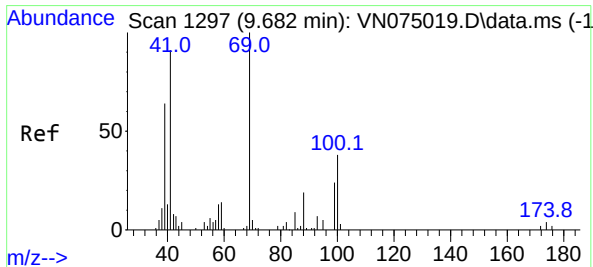
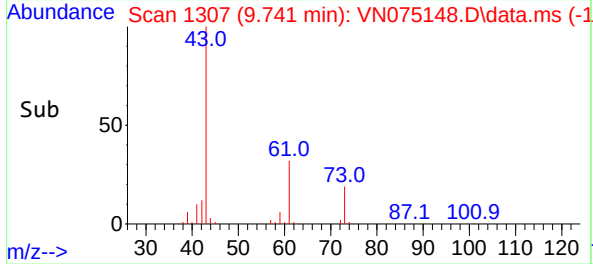
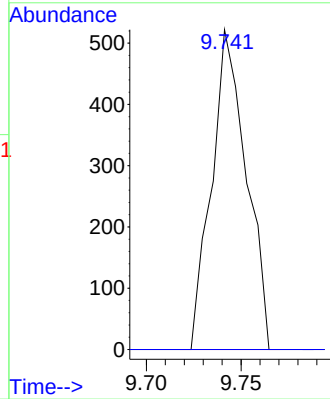
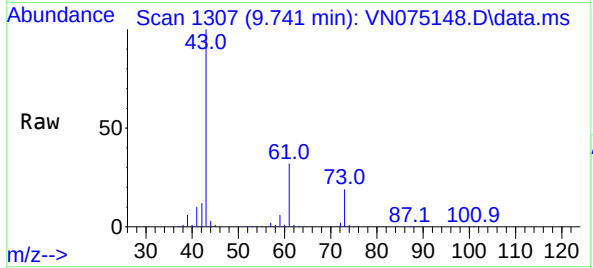




#45
1,2-Dichloropropane
Concen: 0.557 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.117 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

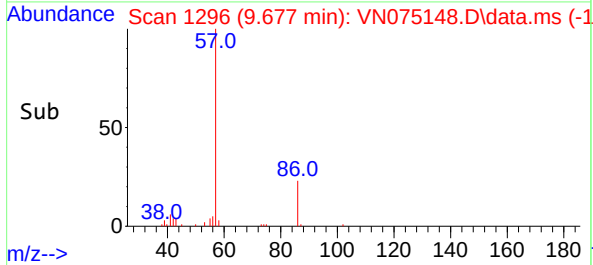
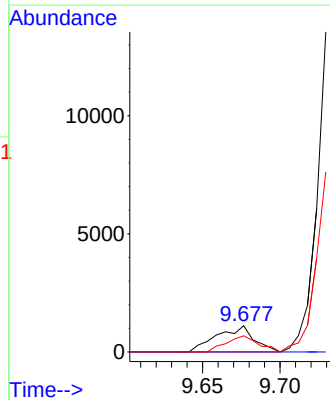
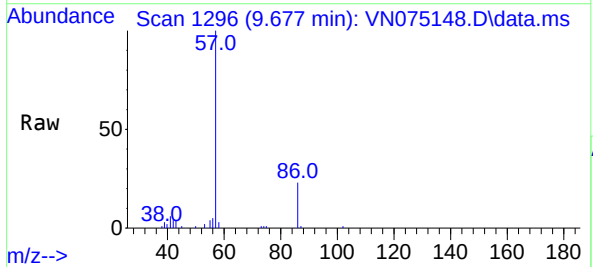
Instrument :
MSVOA_N
ClientSampleId :
PB148771TB

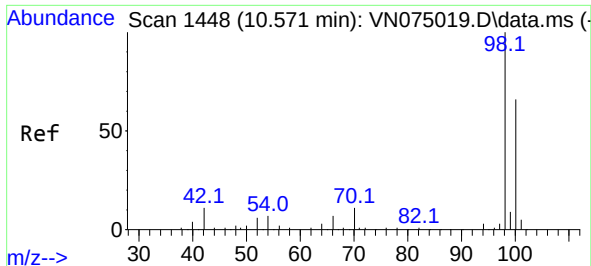
Tgt Ion: 63 Resp: 664
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#



#48
Methyl methacrylate
Concen: 1.446 ug/l
RT: 9.677 min Scan# 1296
Delta R.T. -0.005 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 41 Resp: 1846
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 0.0 56.2 84.2#

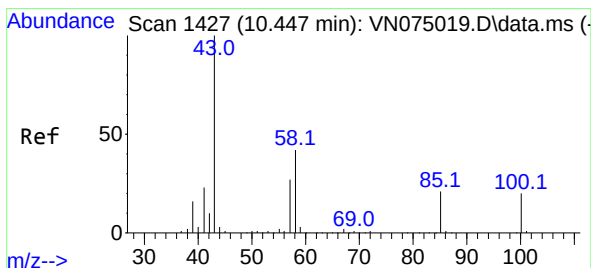
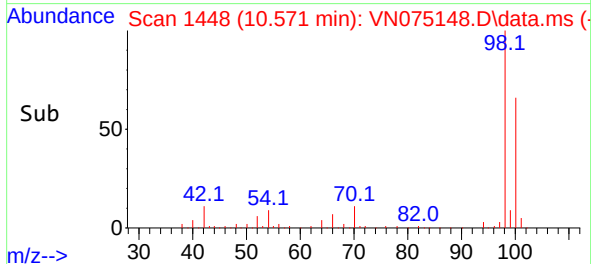
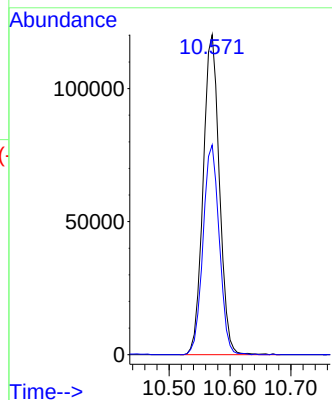
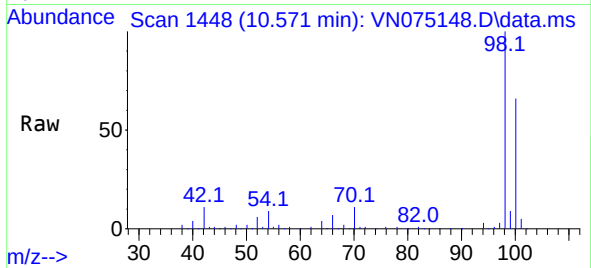




#50
Toluene-d8
Concen: 54.354 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

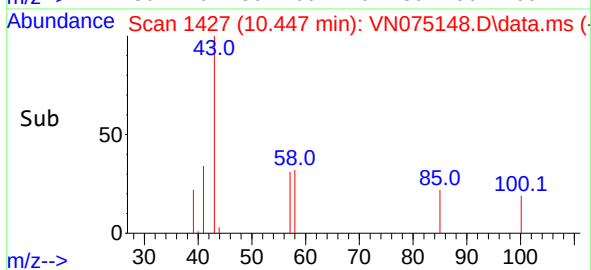
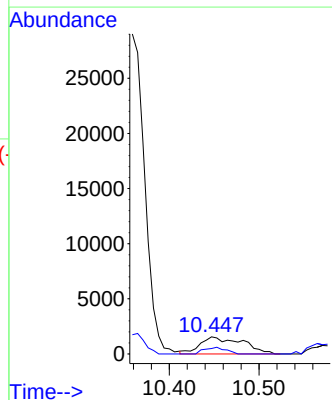
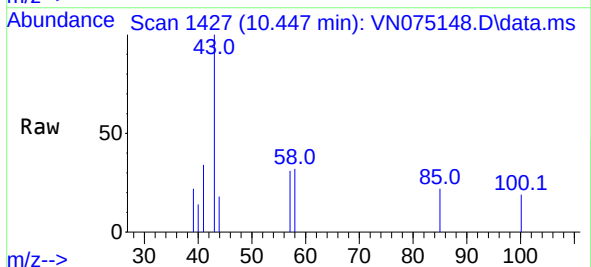
Instrument :
MSVOA_N
ClientSampleId :
PB148771TB

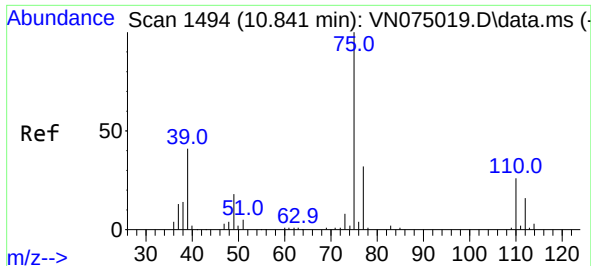
Tgt Ion: 98 Resp: 222804
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 2.855 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 43 Resp: 5127
Ion Ratio Lower Upper
43 100
58 19.6 33.6 50.4#

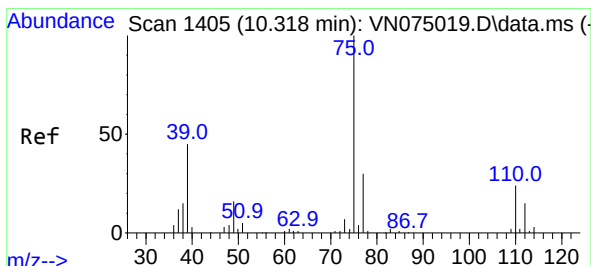
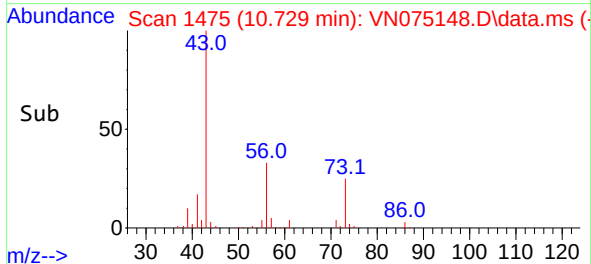
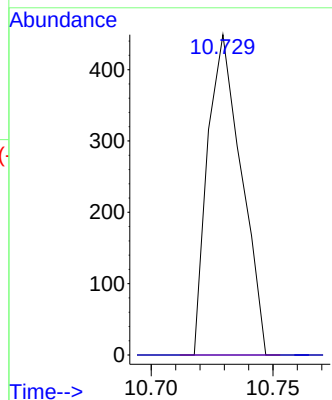
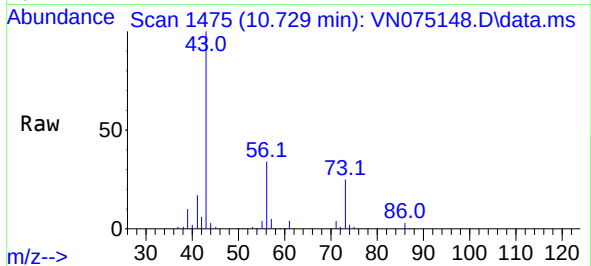




#53
t-1,3-Dichloropropene
Concen: 0.228 ug/l
RT: 10.729 min Scan# 1412
Delta R.T. -0.112 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

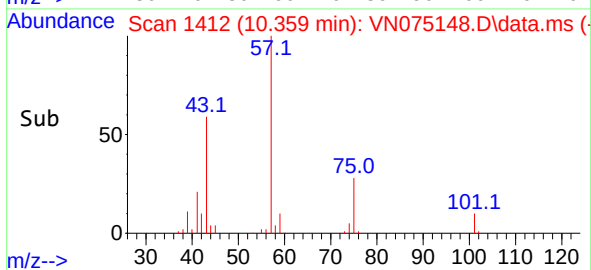
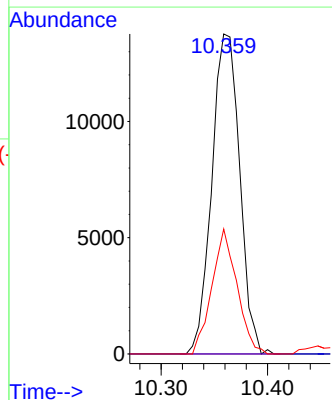
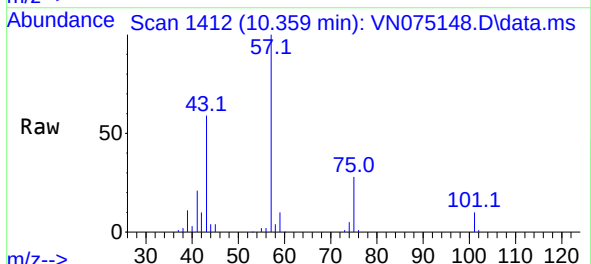
Instrument :
MSVOA_N
ClientSampleId :
PB148771TB

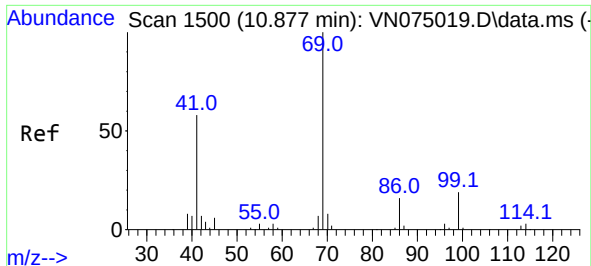
Tgt Ion: 75 Resp: 432
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#



#54
cis-1,3-Dichloropropene
Concen: 12.425 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. 0.041 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 75 Resp: 25013
Ion Ratio Lower Upper
75 100
77 0.0 23.7 35.5#
39 39.1 35.8 53.6

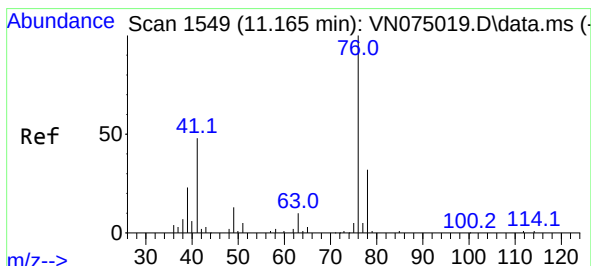
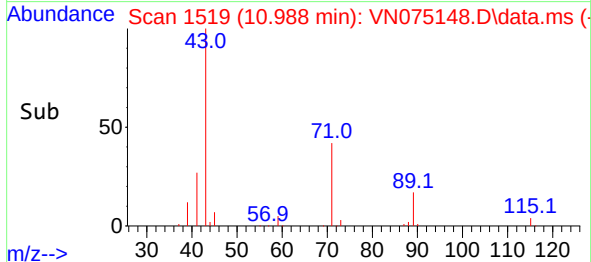
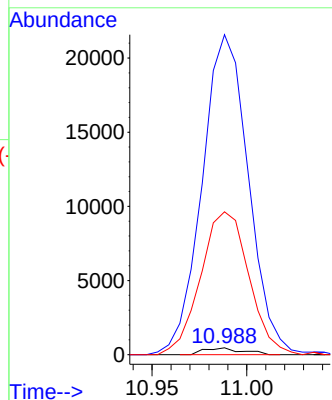
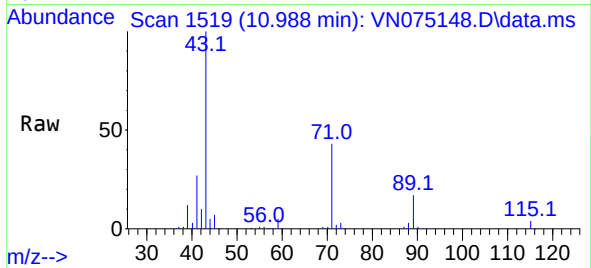




#56
Ethyl methacrylate
Concen: 0.319 ug/l
RT: 10.988 min Scan# 11
Delta R.T. 0.111 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

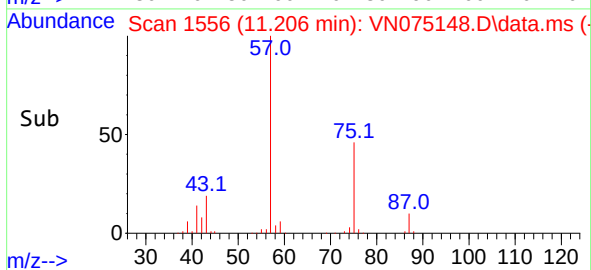
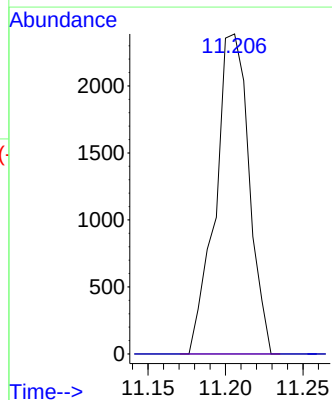
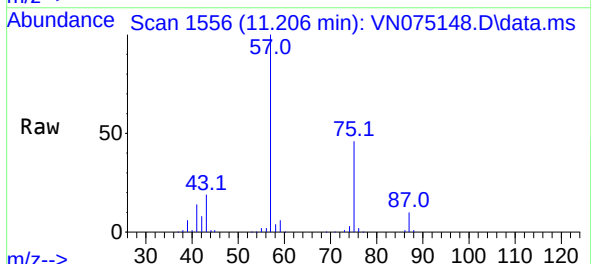
Instrument :
MSVOA_N
ClientSampleId :
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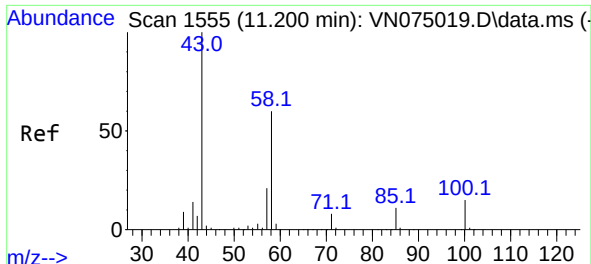
Tgt Ion: 69 Resp: 646
Ion Ratio Lower Upper
69 100
41 5720.3 45.6 68.4#
39 2653.4 28.5 42.7#



#57
1,3-Dichloropropane
Concen: 1.627 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.041 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 76 Resp: 3596
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

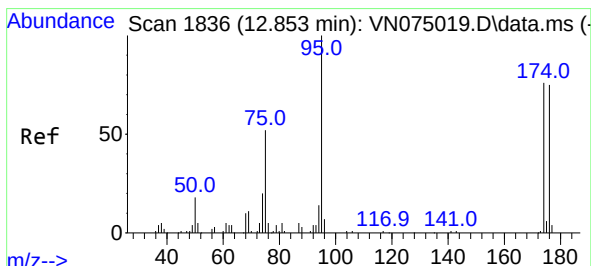
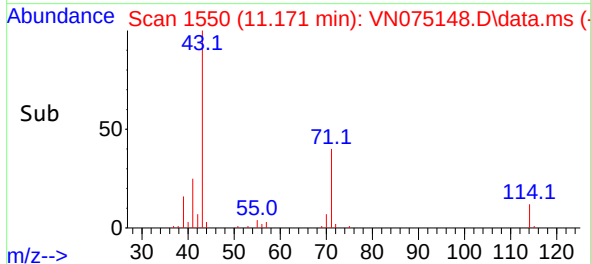
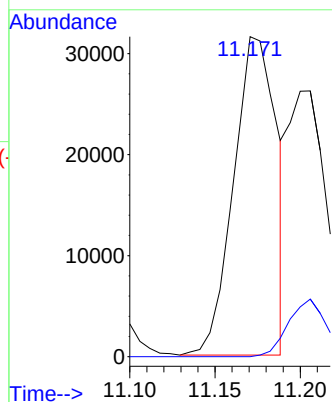
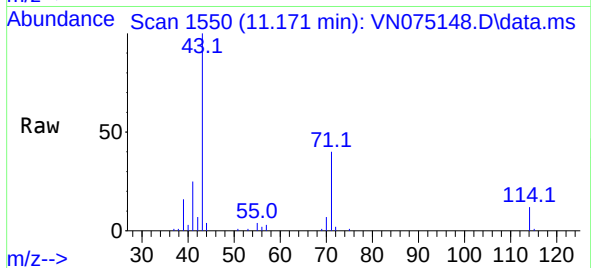




#59
2-Hexanone
Concen: 40.482 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

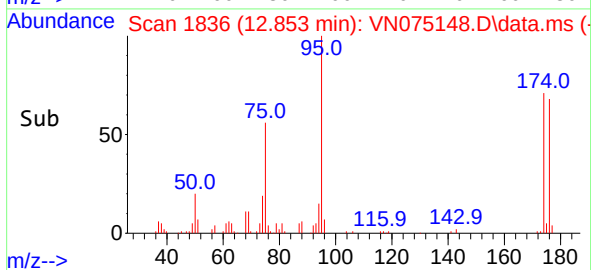
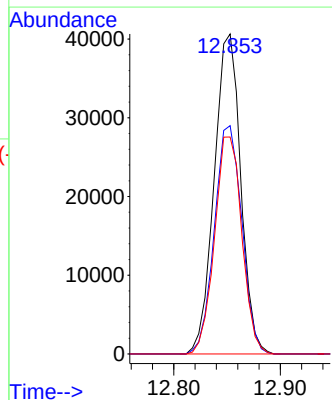
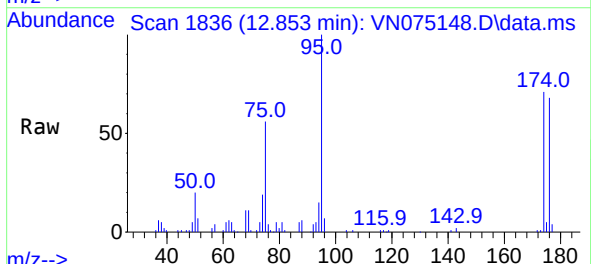
Instrument :
MSVOA_N
ClientSampleId :
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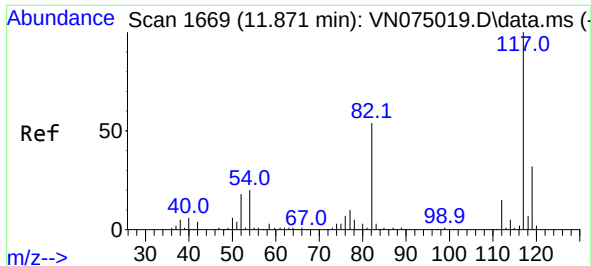
Tgt Ion: 43 Resp: 55168
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 48.735 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 95 Resp: 70176
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.4
176 69.8 0.0 142.2

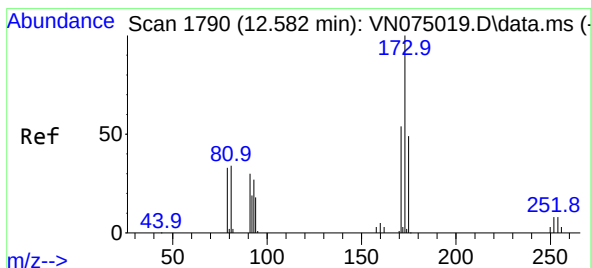
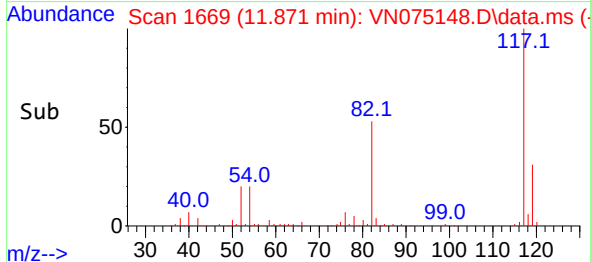
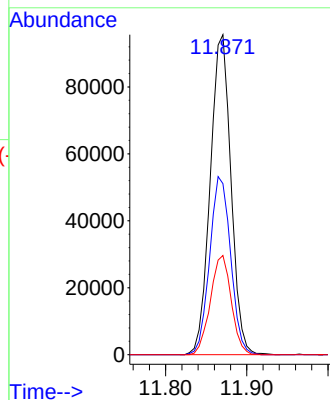
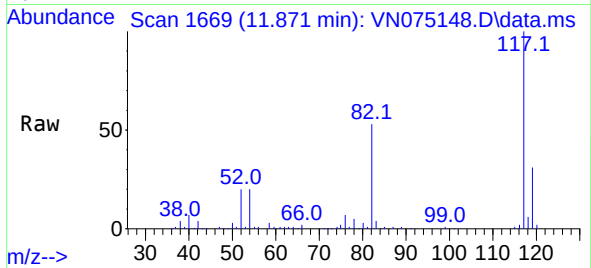




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

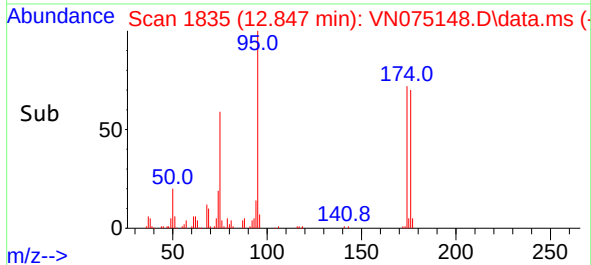
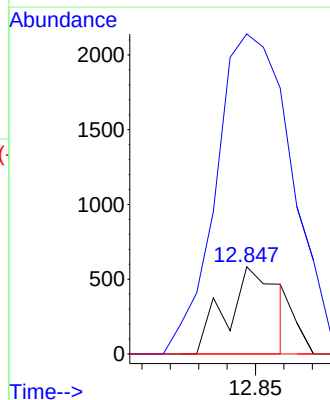
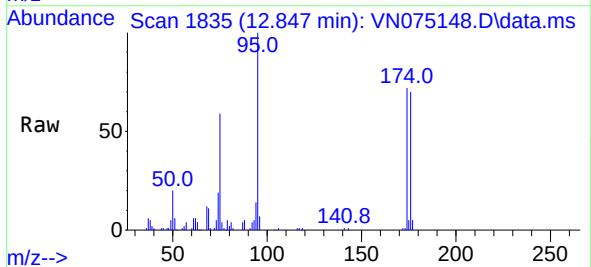
Instrument :
MSVOA_N
ClientSampleId :
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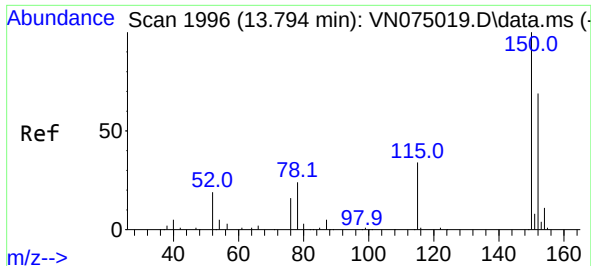
Tgt Ion:117 Resp: 169427
Ion Ratio Lower Upper
117 100
82 53.5 43.1 64.7
119 31.0 25.5 38.3



#71
Bromoform
Concen: 0.721 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion:173 Resp: 724
Ion Ratio Lower Upper
173 100
175 463.3 24.6 74.0#
254 0.0 0.0 0.0

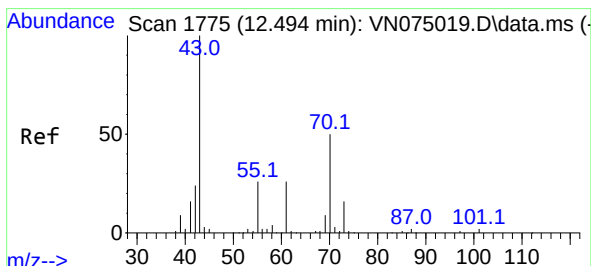
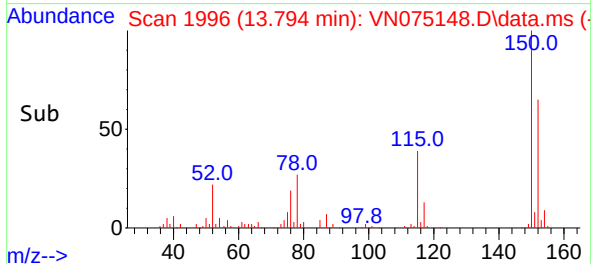
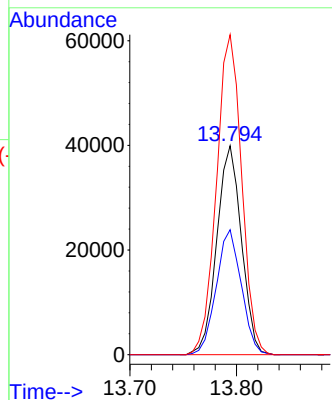
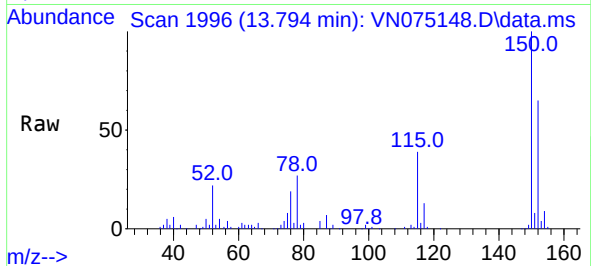




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

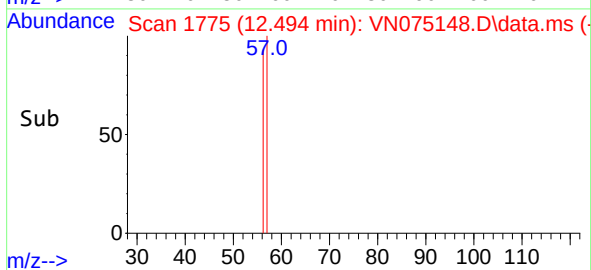
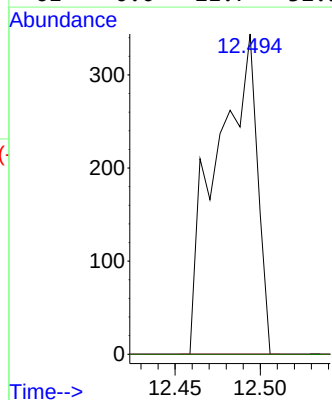
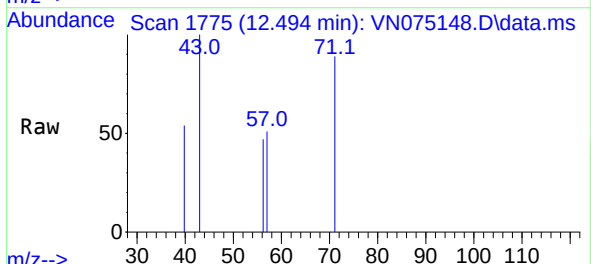
Instrument :
MSVOA_N
ClientSampleId :
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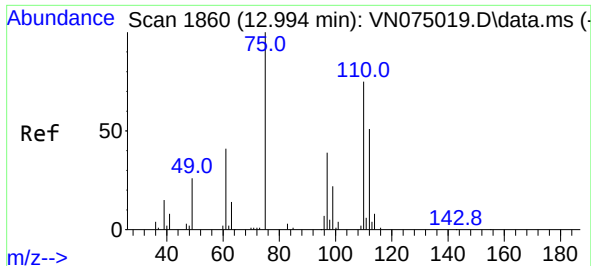
Tgt Ion:152 Resp: 64047
Ion Ratio Lower Upper
152 100
115 60.9 30.2 90.6
150 156.6 0.0 348.4



#74
N-ethyl acetate
Concen: 0.300 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
70 0.0 39.8 59.8#
55 0.0 19.9 29.9#
61 0.0 21.7 32.5#

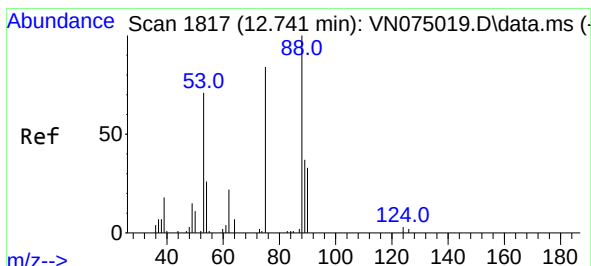
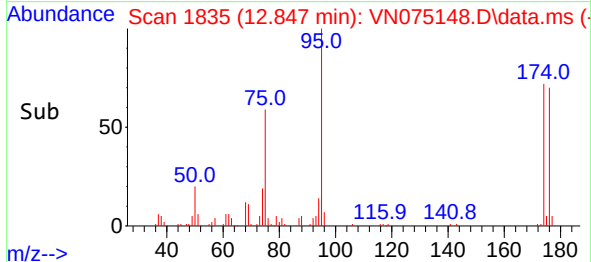
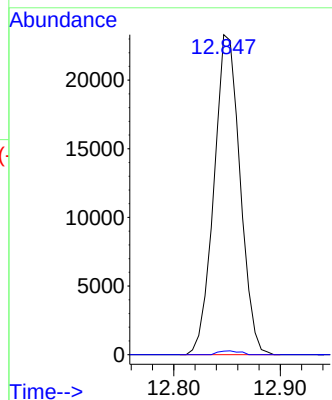
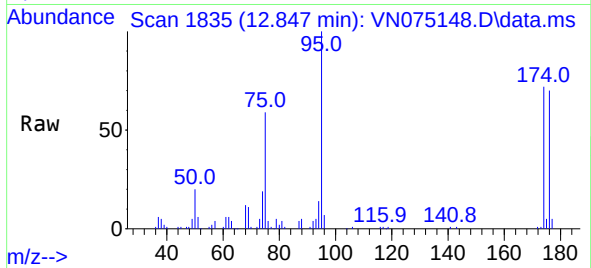




#76
1,2,3-Trichloropropane
Concen: 29.135 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
PB148771TB

Tgt Ion: 75 Resp: 39620
Ion Ratio Lower Upper
75 100
77 1.0 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.789 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075148.D
Acq: 03 Nov 2022 16:49

Tgt Ion: 75 Resp: 39620
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

