

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075742.D
 Acq On : 13 Dec 2022 05:41
 Operator : JC\MD
 Sample : PB149517ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149517ZHE#05

Quant Time: Dec 13 06:01:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

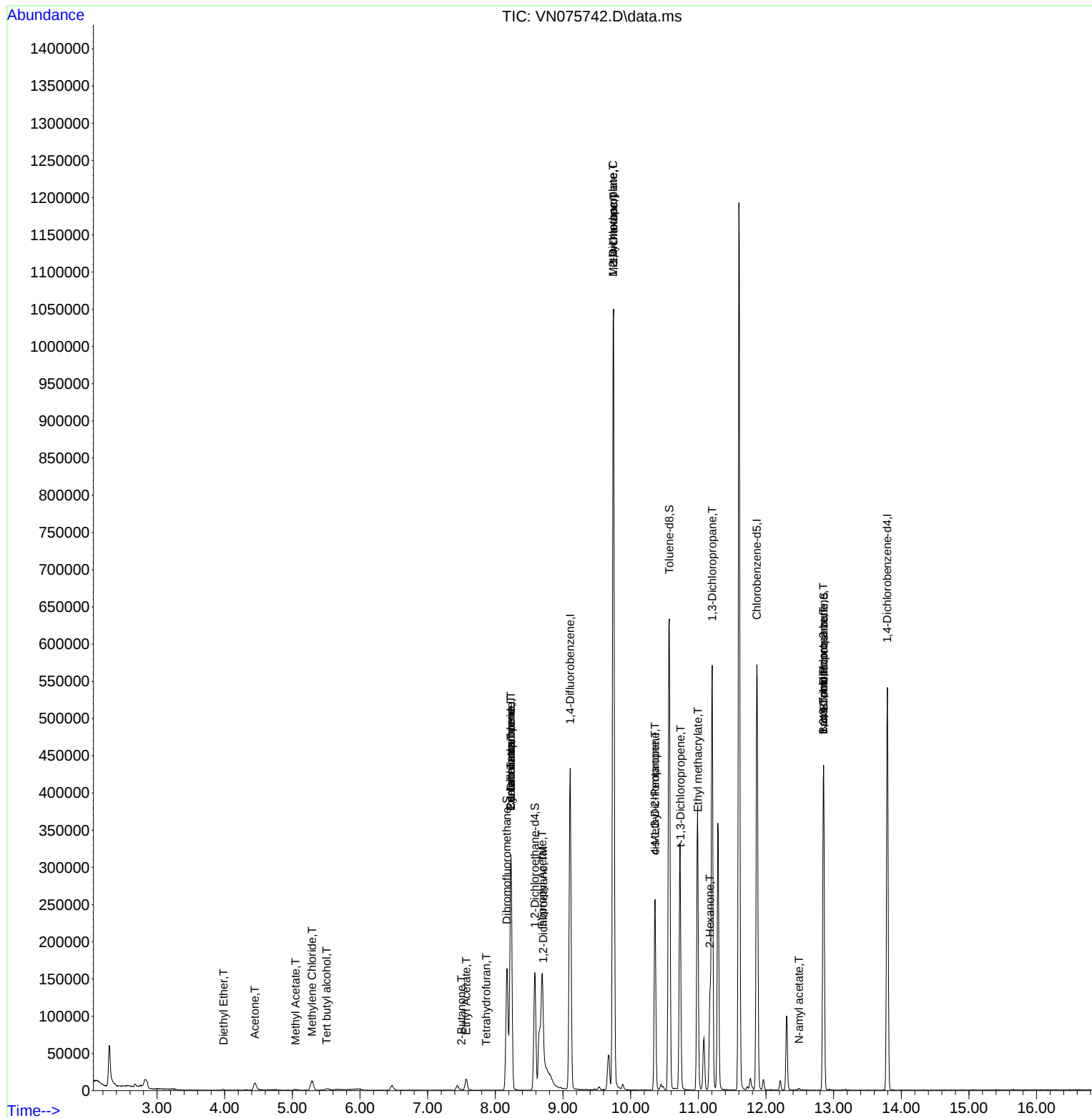
Internal Standards						
1) Pentafluorobenzene	8.230	168	244333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	395680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	357590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125632	48.461	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.920%		
35) Dibromofluoromethane	8.171	113	117917	48.845	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.700%		
50) Toluene-d8	10.571	98	462430	51.007	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.020%		
62) 4-Bromofluorobenzene	12.853	95	150986	48.709	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.420%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.983	74	542	0.389	ug/l	75
11) Tert butyl alcohol	5.506	59	2166	5.648	ug/l #	72
16) Acetone	4.447	43	18811	21.426	ug/l	100
18) Methyl Acetate	5.047	43	2350	0.833	ug/l #	84
20) Methylene Chloride	5.289	84	11502	4.395	ug/l #	84
25) 2-Butanone	7.500	43	1620	1.262	ug/l	97
29) Tetrahydrofuran	7.865	42	356	0.450	ug/l #	25
31) Cyclohexane	8.230	56	4747	1.237	ug/l #	28
36) 1,1-Dichloropropene	8.230	75	17039	5.315	ug/l #	49
37) Ethyl Acetate	7.571	43	22445	8.721	ug/l	98
38) Carbon Tetrachloride	8.230	117	23658	6.396	ug/l #	15
42) 1,2-Dichloroethane	8.706	62	1051	0.319	ug/l #	71
43) Isopropyl Acetate	8.694	43	293567	68.324	ug/l #	67
45) 1,2-Dichloropropane	9.741	63	1554	0.664	ug/l #	43
48) Methyl methacrylate	9.741	41	94216	47.610	ug/l #	32
49) 1,4-Dioxane	9.747	88	189	3.929	ug/l #	1
51) 4-Methyl-2-Pentanone	10.359	43	87494	33.024	ug/l #	42
53) t-1,3-Dichloropropene	10.735	75	848	0.249	ug/l #	44
54) cis-1,3-Dichloropropene	10.359	75	50459	13.333	ug/l #	65
56) Ethyl methacrylate	10.994	69	1285	0.371	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	6166	1.492	ug/l #	41
59) 2-Hexanone	11.171	43	98435	51.139	ug/l #	20
71) Bromoform	12.847	173	1035	0.510	ug/l #	1
74) N-amyl acetate	12.488	43	1479	0.456	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	74576	23.883	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74576	76.320	ug/l #	13

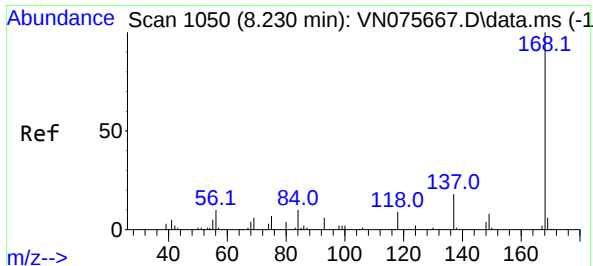
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
Data File : VN075742.D
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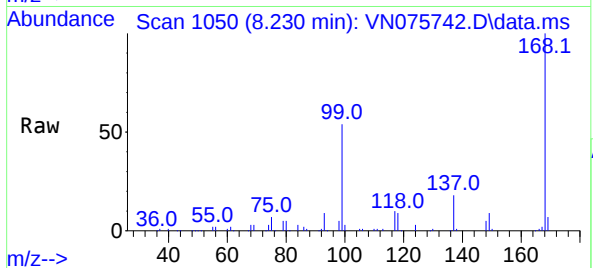
Quant Time: Dec 13 06:01:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 07:54:35 2022
Response via : Initial Calibration



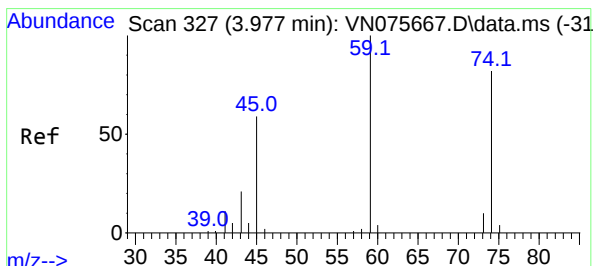
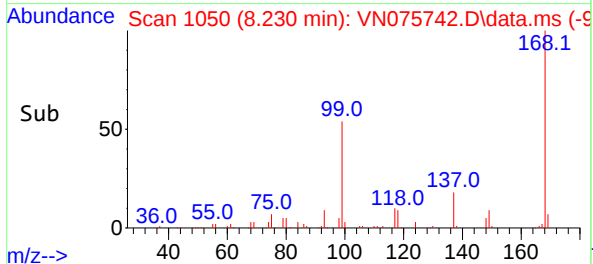
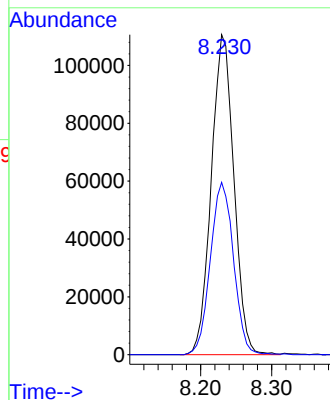


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

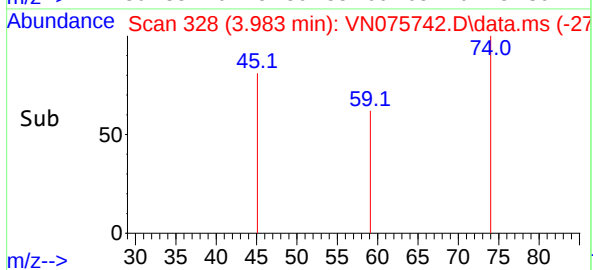
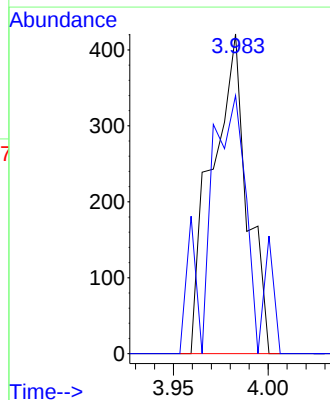
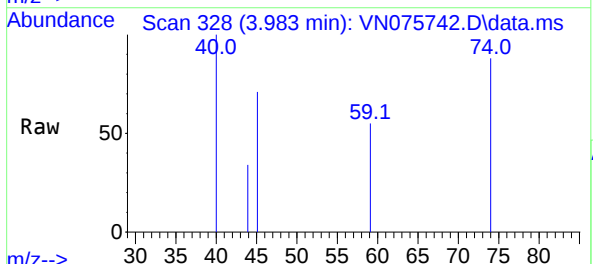


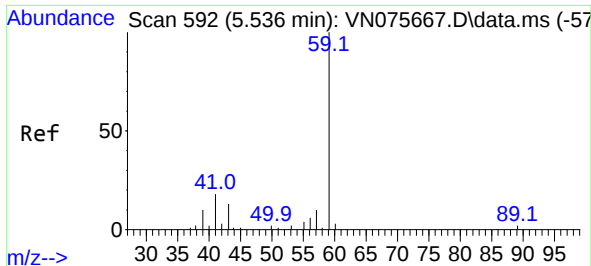
Tgt Ion:168 Resp: 244333
Ion Ratio Lower Upper
168 100
99 53.8 41.2 61.8



#8
Diethyl Ether
Concen: 0.389 ug/l
RT: 3.983 min Scan# 328
Delta R.T. 0.006 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion: 74 Resp: 542
Ion Ratio Lower Upper
74 100
45 94.5 36.8 110.4





#11

Tert butyl alcohol

Concen: 5.648 ug/l

RT: 5.506 min Scan# 51

Delta R.T. -0.029 min

Lab File: VN075742.D

Acq: 13 Dec 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

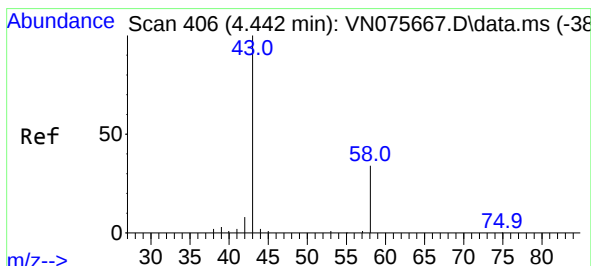
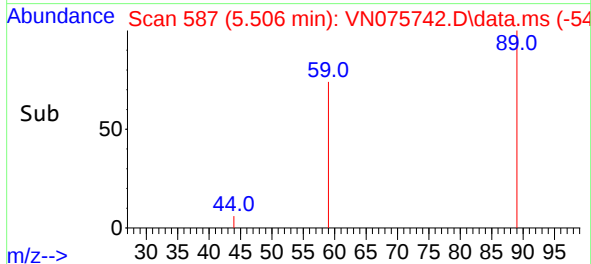
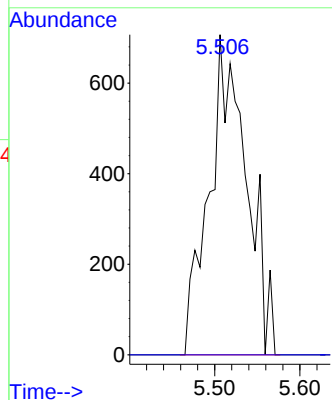
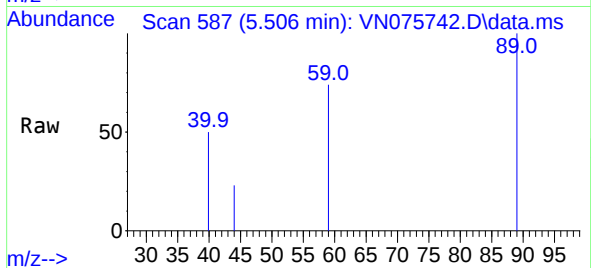
PB149517ZHE#05

Tgt Ion: 59 Resp: 2166

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 21.426 ug/l

RT: 4.447 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN075742.D

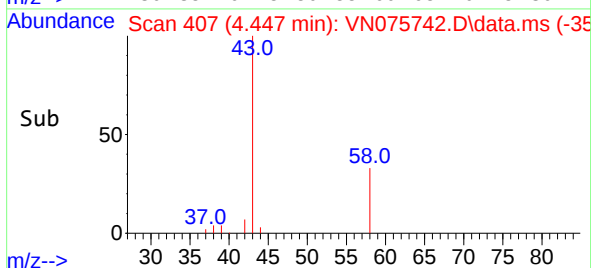
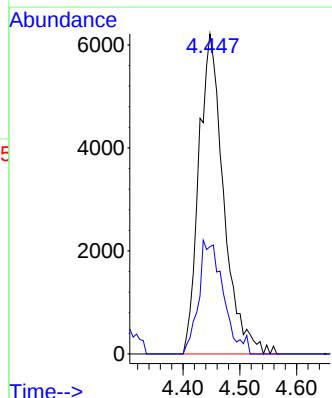
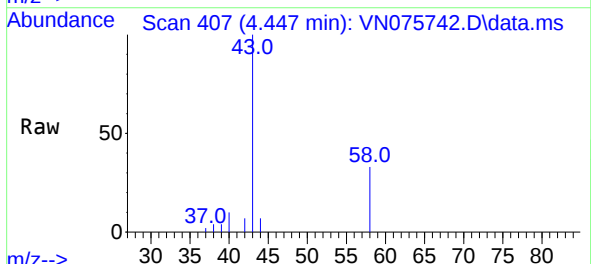
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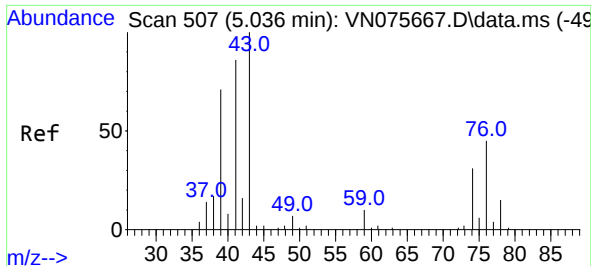
Tgt Ion: 43 Resp: 18811

Ion Ratio Lower Upper

43 100

58 33.5 27.0 40.4

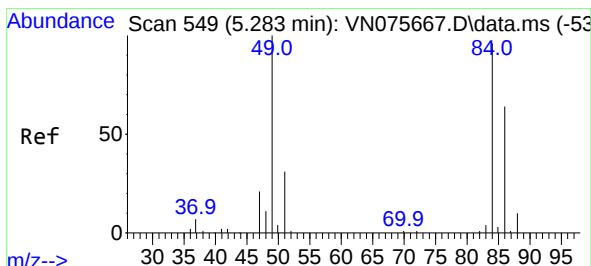
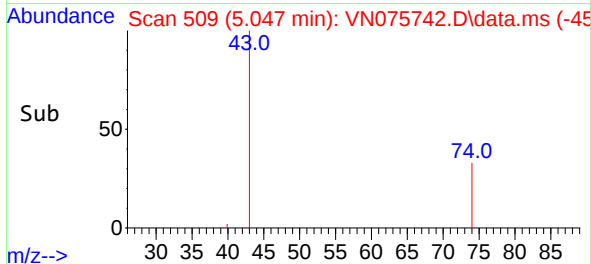
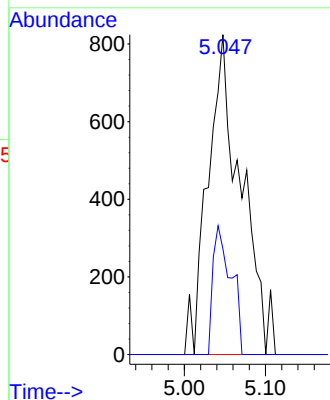
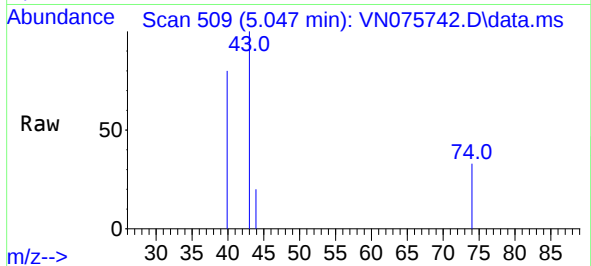




#18
Methyl Acetate
Concen: 0.833 ug/l
RT: 5.047 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

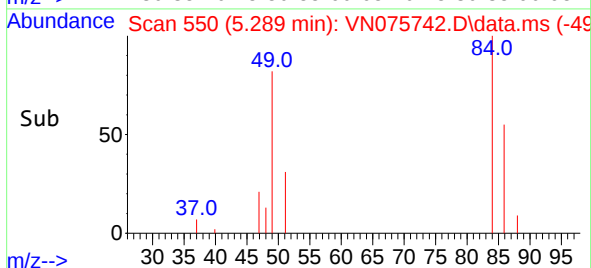
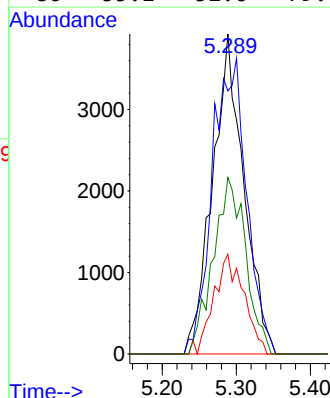
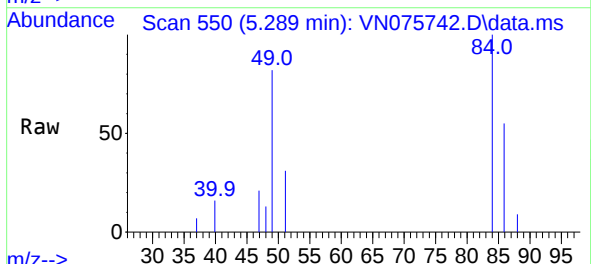
Instrument :
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PB149517ZHE#05

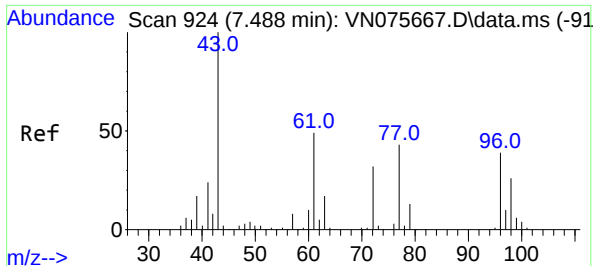
Tgt Ion: 43 Resp: 2350
Ion Ratio Lower Upper
43 100
74 21.9 24.5 36.7#



#20
Methylene Chloride
Concen: 4.395 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion: 84 Resp: 11502
Ion Ratio Lower Upper
84 100
49 82.2 83.0 124.4#
51 31.2 26.0 39.0
86 55.1 52.6 79.0

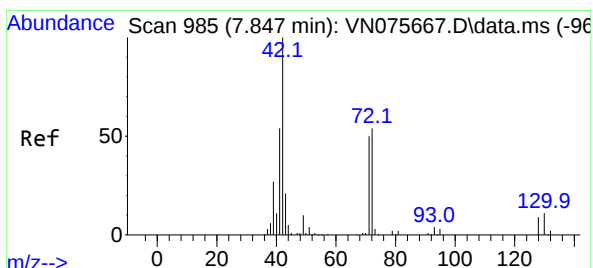
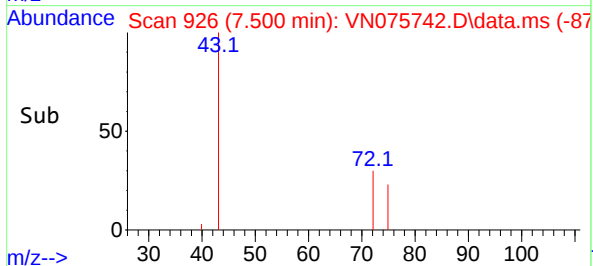
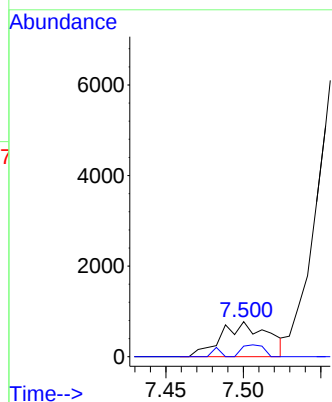
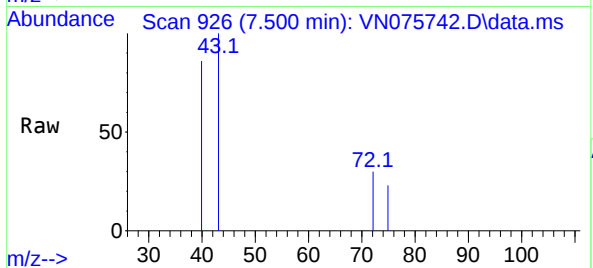




#25
2-Butanone
Concen: 1.262 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

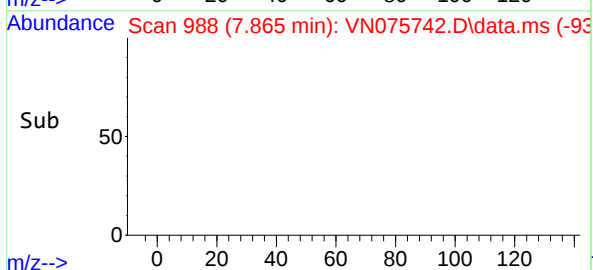
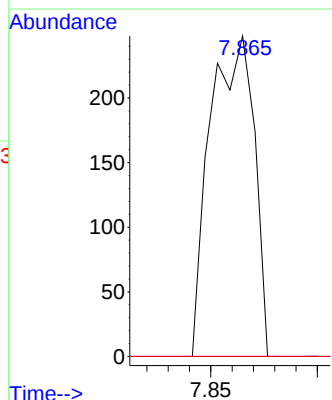
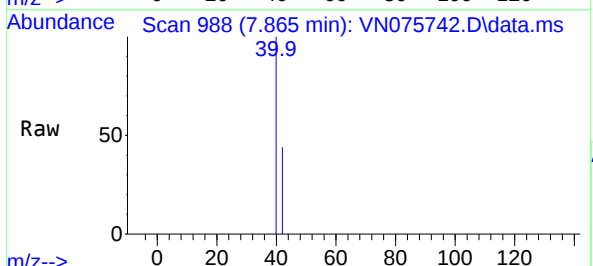
Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

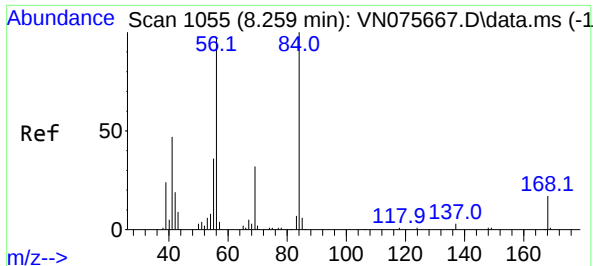
Tgt Ion: 43 Resp: 1620
Ion Ratio Lower Upper
43 100
72 29.9 25.3 37.9



#29
Tetrahydrofuran
Concen: 0.450 ug/l
RT: 7.865 min Scan# 988
Delta R.T. 0.018 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

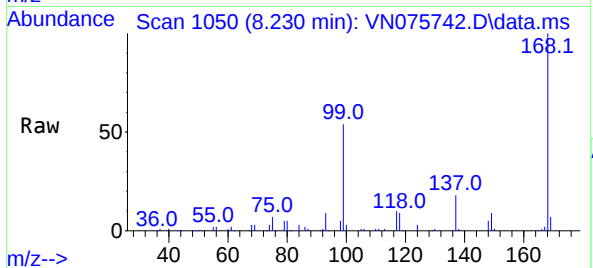
Tgt Ion: 42 Resp: 356
Ion Ratio Lower Upper
42 100
72 0.0 44.6 67.0#
71 0.0 41.2 61.8#



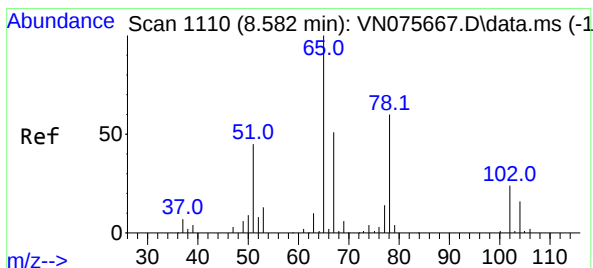
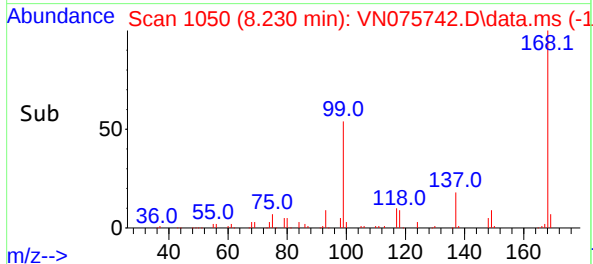
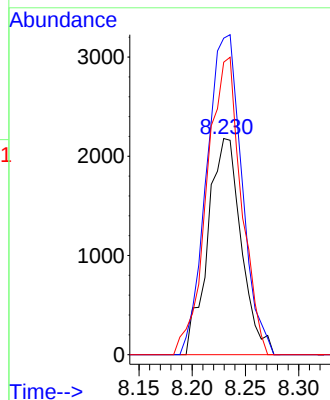


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

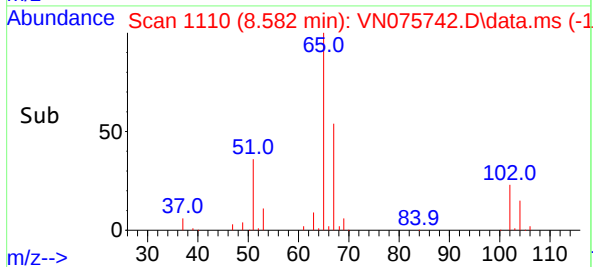
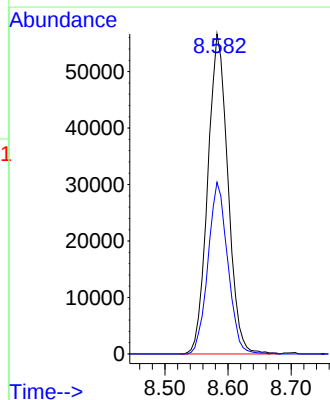
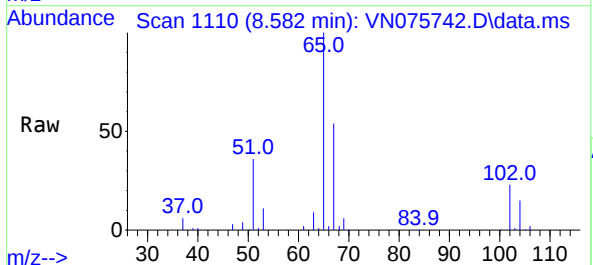


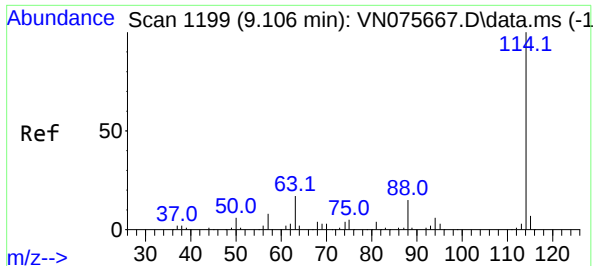
Tgt Ion: 56 Resp: 4747
Ion Ratio Lower Upper
56 100
69 146.5 26.2 39.2#
84 135.4 82.8 124.2#



#33
1,2-Dichloroethane-d4
Concen: 48.461 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion: 65 Resp: 125632
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.2

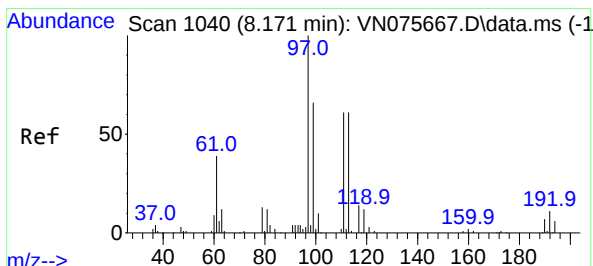
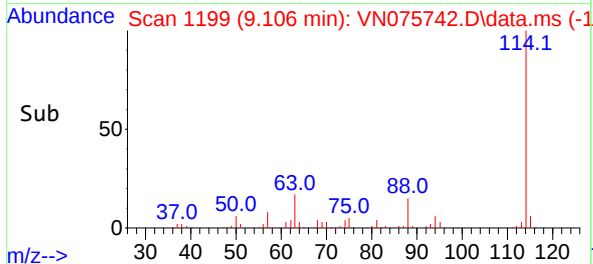
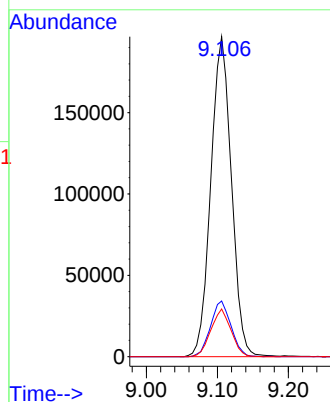
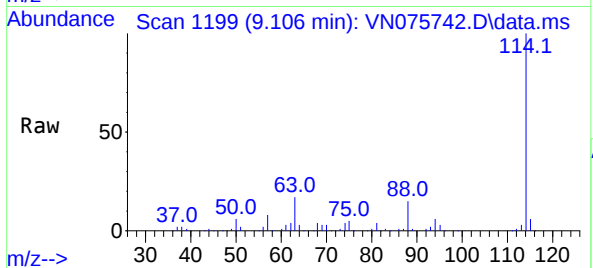




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

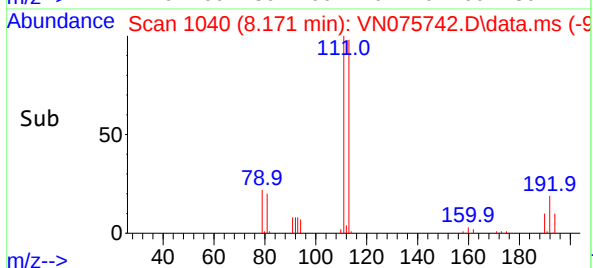
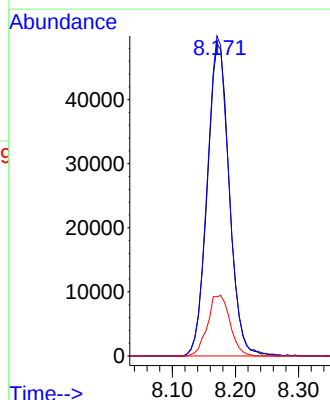
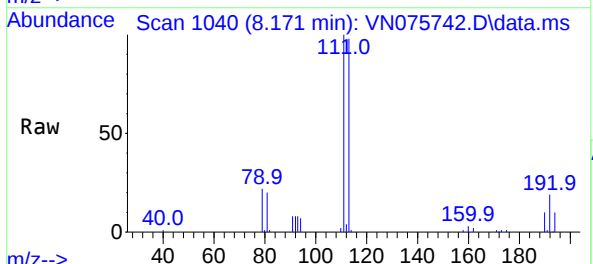
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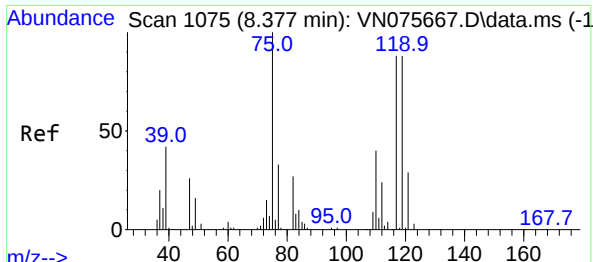
Tgt Ion:114 Resp: 395680
Ion Ratio Lower Upper
114 100
63 17.4 0.0 34.4
88 14.9 0.0 29.2



#35
Dibromofluoromethane
Concen: 48.845 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion:113 Resp: 117917
Ion Ratio Lower Upper
113 100
111 101.2 81.0 121.6
192 19.8 16.2 24.2

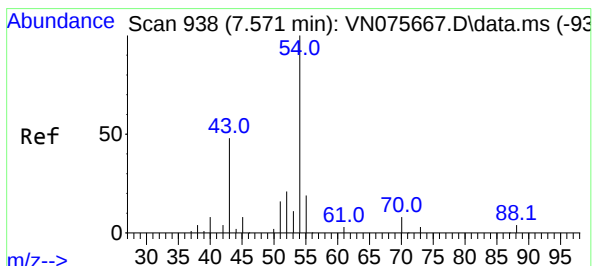
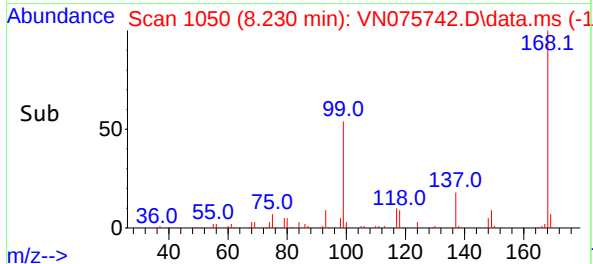
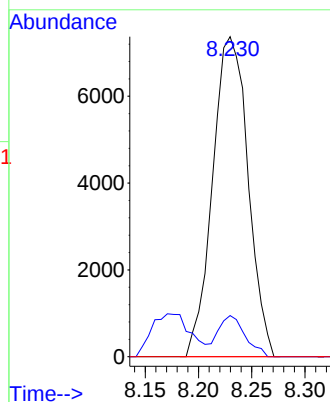
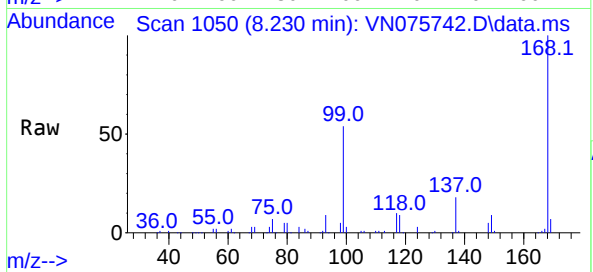




#36
1,1-Dichloropropene
Concen: 5.315 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.147 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

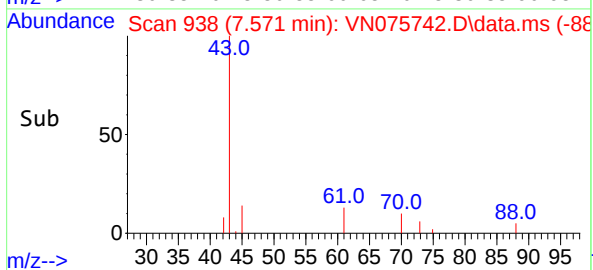
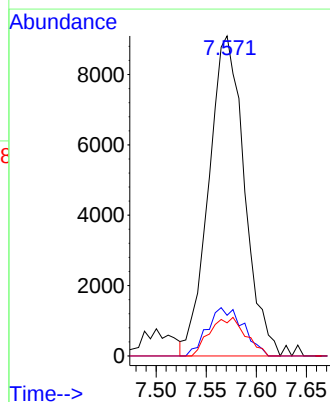
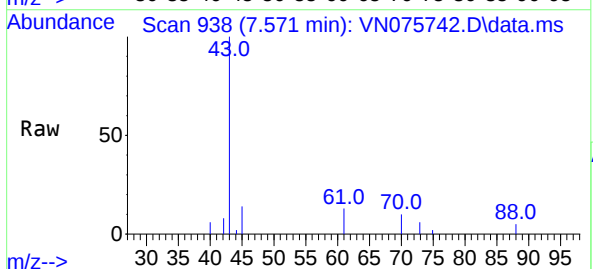
Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

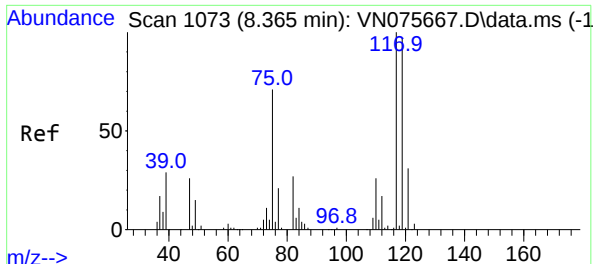
Tgt Ion: 75 Resp: 17039
Ion Ratio Lower Upper
75 100
110 10.0 18.9 56.9#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 8.721 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

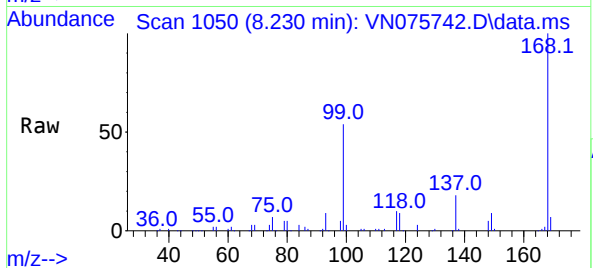
Tgt Ion: 43 Resp: 22445
Ion Ratio Lower Upper
43 100
61 15.3 13.3 19.9
70 12.1 9.9 14.9



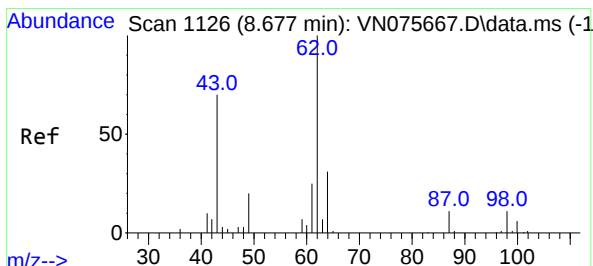
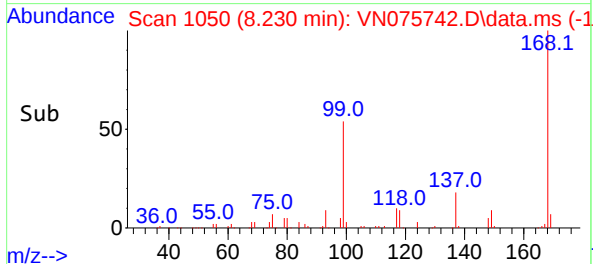
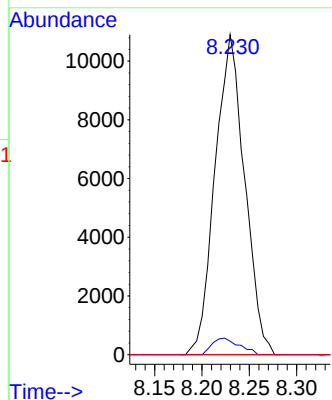


#38
Carbon Tetrachloride
Concen: 6.396 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.135 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

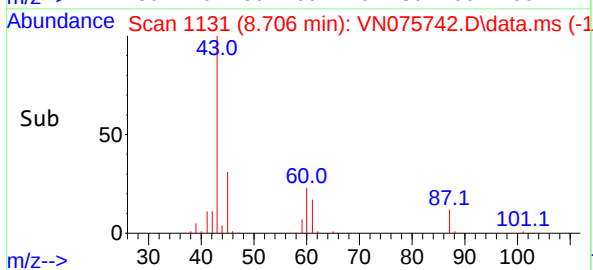
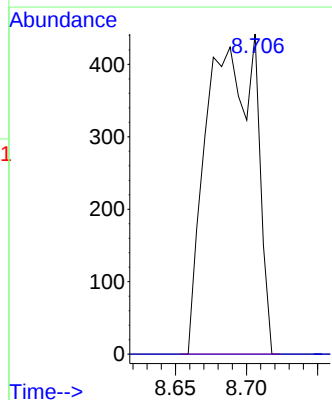
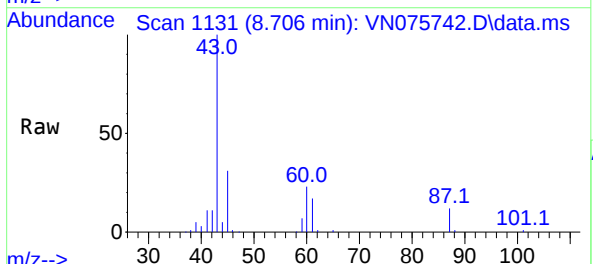


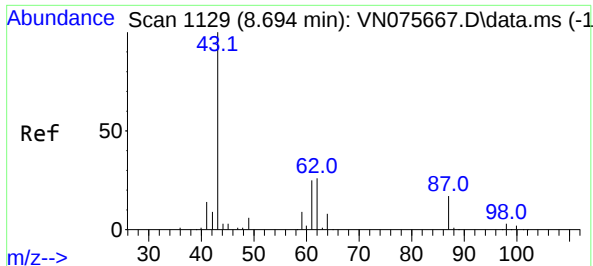
Tgt Ion:117 Resp: 23658
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 24.6 37.0#



#42
1,2-Dichloroethane
Concen: 0.319 ug/l
RT: 8.706 min Scan# 1131
Delta R.T. 0.029 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion: 62 Resp: 1051
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.8





#43

Isopropyl Acetate

Concen: 68.324 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075742.D

Acq: 13 Dec 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

PB149517ZHE#05

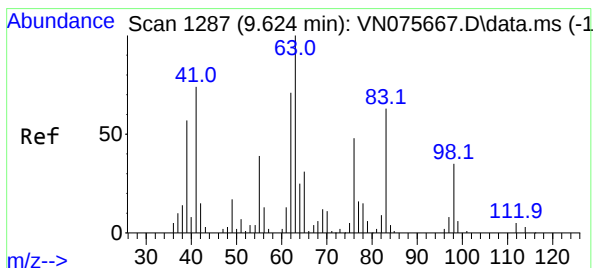
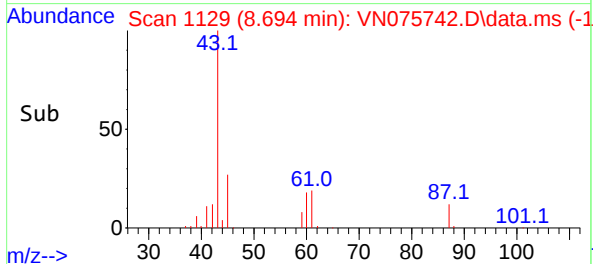
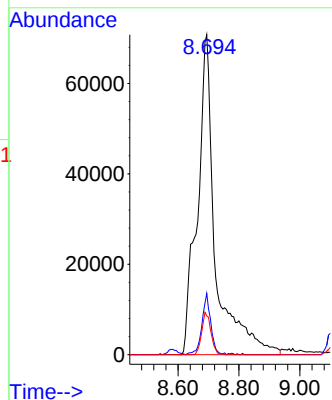
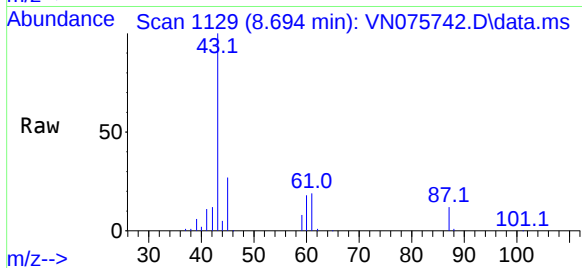
Tgt Ion: 43 Resp: 293567

Ion Ratio Lower Upper

43 100

61 9.3 23.8 35.8#

87 6.7 13.7 20.5#



#45

1,2-Dichloropropane

Concen: 0.664 ug/l

RT: 9.741 min Scan# 1307

Delta R.T. 0.118 min

Lab File: VN075742.D

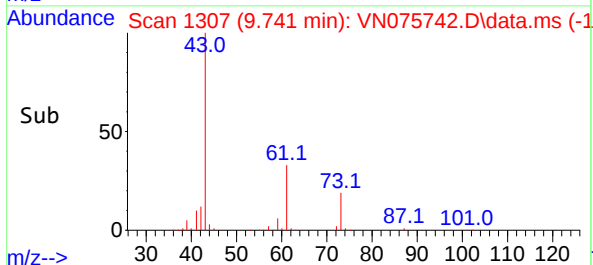
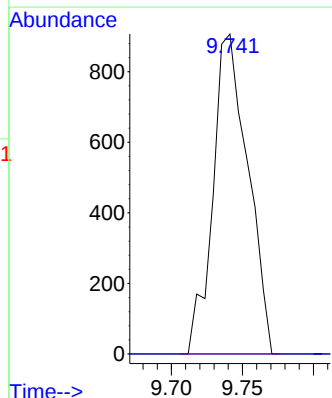
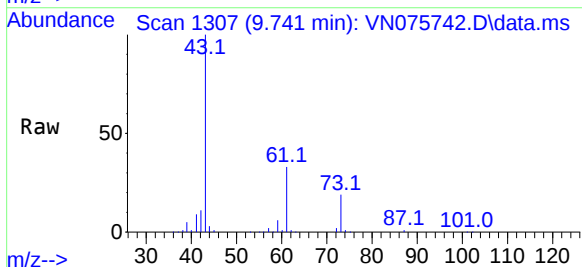
Acq: 13 Dec 2022 05:41

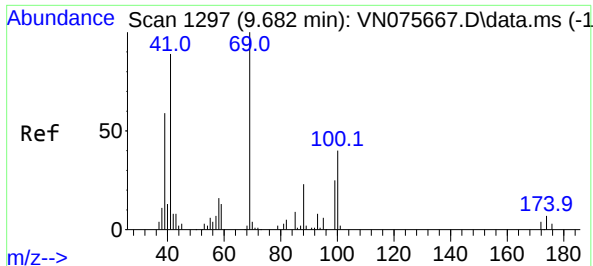
Tgt Ion: 63 Resp: 1554

Ion Ratio Lower Upper

63 100

65 0.0 25.1 37.7#





#48

Methyl methacrylate

Concen: 47.610 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.059 min

Lab File: VN075742.D

Acq: 13 Dec 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

PB149517ZHE#05

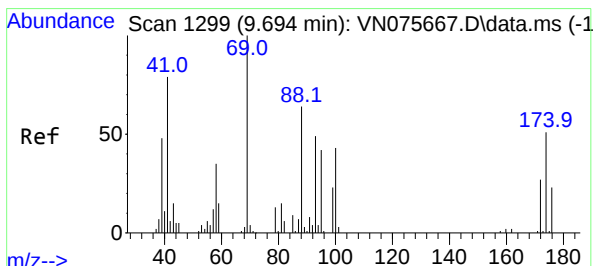
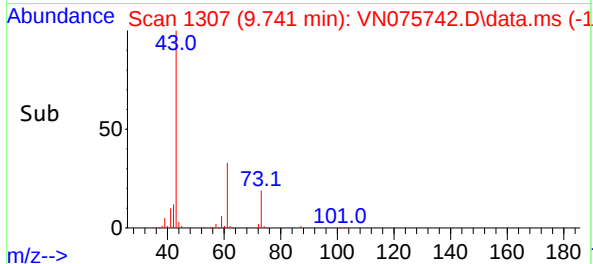
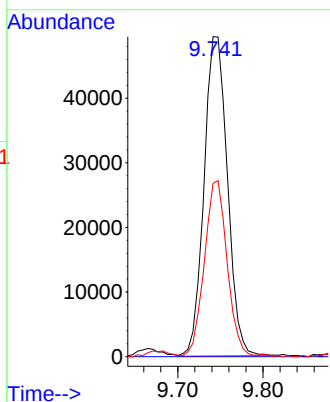
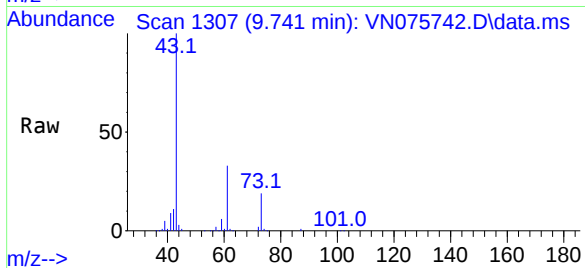
Tgt Ion: 41 Resp: 94216

Ion Ratio Lower Upper

41 100

69 0.0 82.5 123.7#

39 52.9 53.2 79.8#



#49

1,4-Dioxane

Concen: 3.929 ug/l

RT: 9.747 min Scan# 1308

Delta R.T. 0.053 min

Lab File: VN075742.D

Acq: 13 Dec 2022 05:41

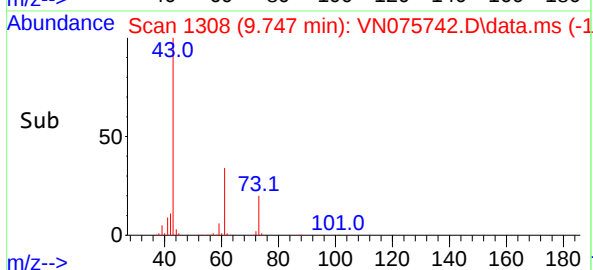
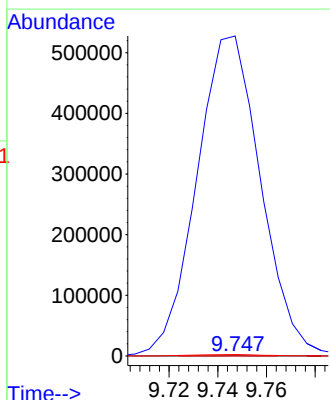
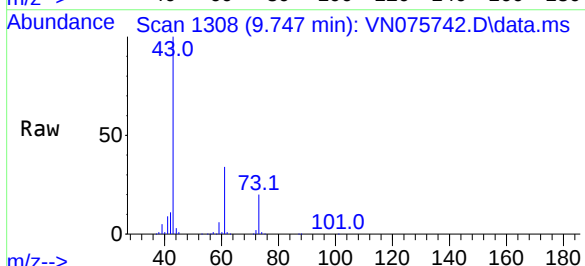
Tgt Ion: 88 Resp: 189

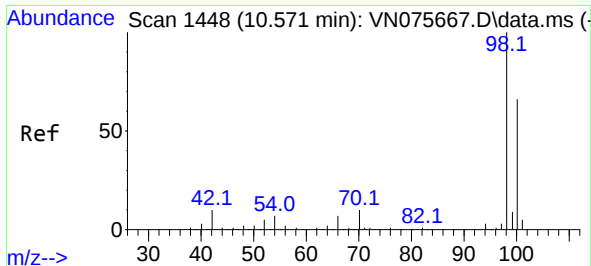
Ion Ratio Lower Upper

88 100

43 512879.4 17.4 26.0#

58 2337.6 46.8 70.2#

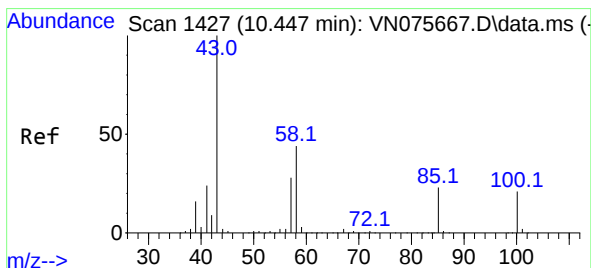
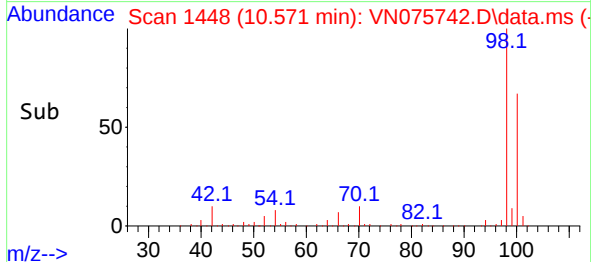
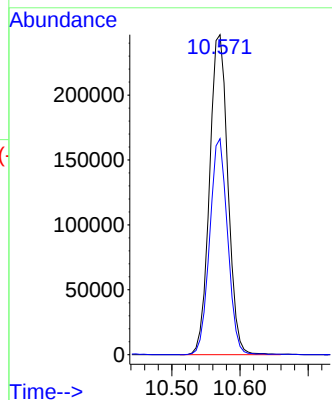
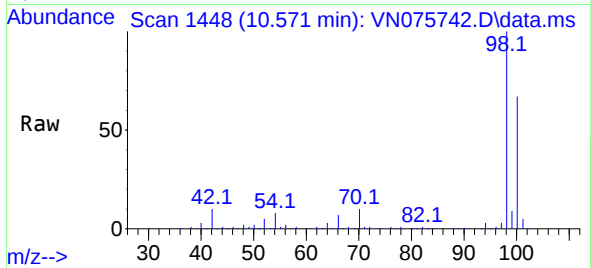




#50
Toluene-d8
Concen: 51.007 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

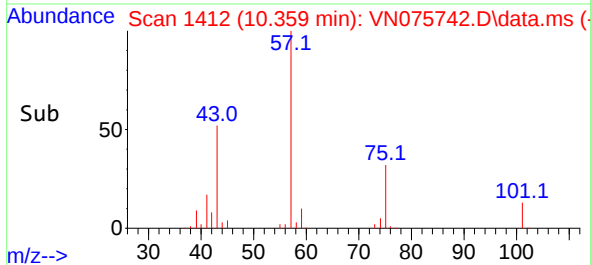
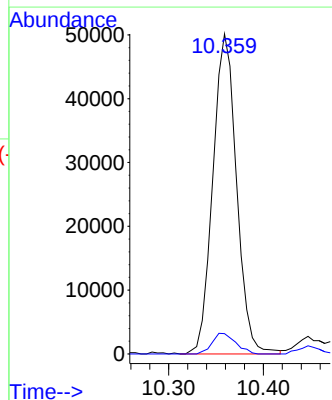
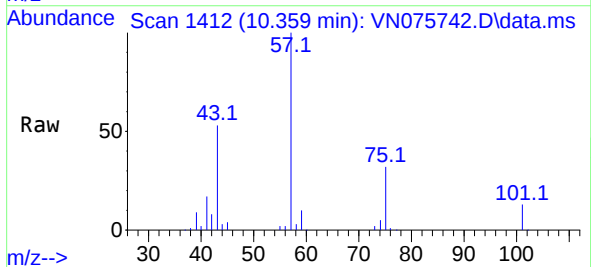
Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

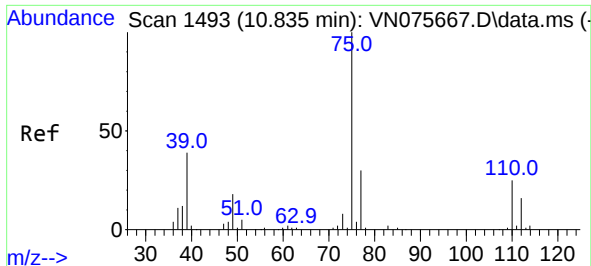
Tgt Ion: 98 Resp: 462430
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 33.024 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. -0.088 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion: 43 Resp: 87494
Ion Ratio Lower Upper
43 100
58 6.4 35.0 52.6#

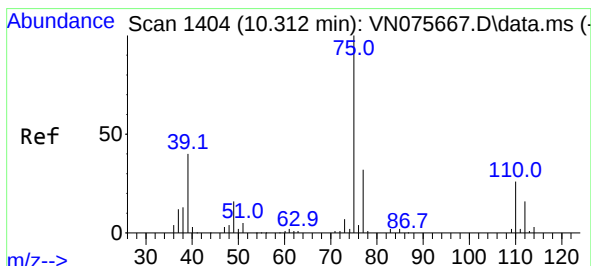
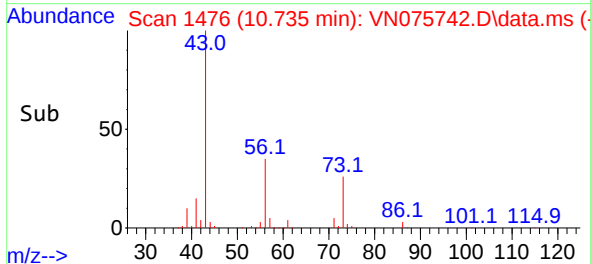
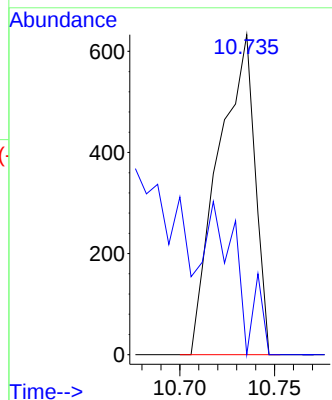
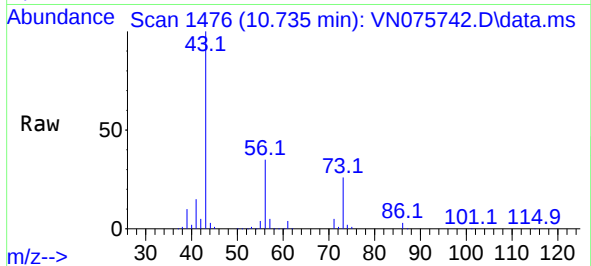




#53
t-1,3-Dichloropropene
Concen: 0.249 ug/l
RT: 10.735 min Scan# 1412
Delta R.T. -0.100 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

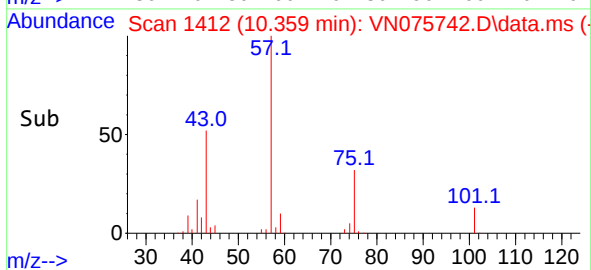
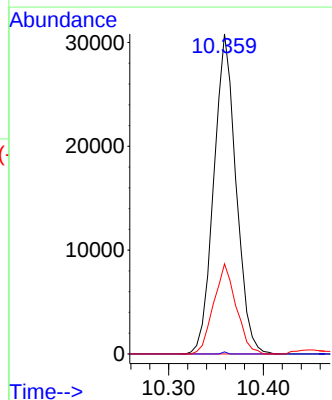
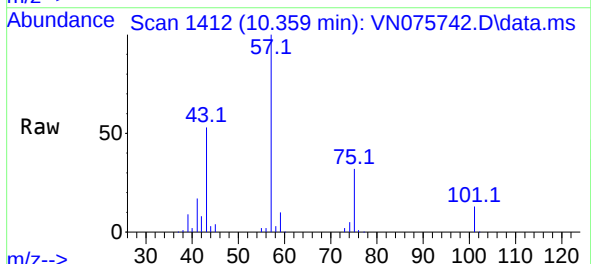
Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

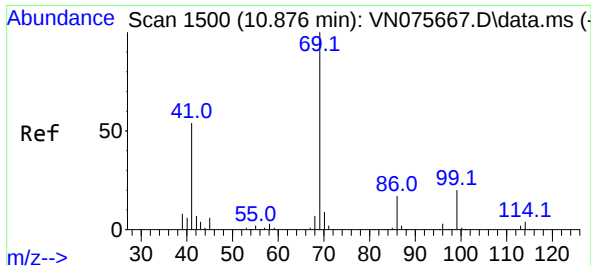
Tgt Ion: 75 Resp: 848
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#



#54
cis-1,3-Dichloropropene
Concen: 13.333 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. 0.047 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion: 75 Resp: 50459
Ion Ratio Lower Upper
75 100
77 0.6 25.3 37.9#
39 28.2 32.0 48.0#

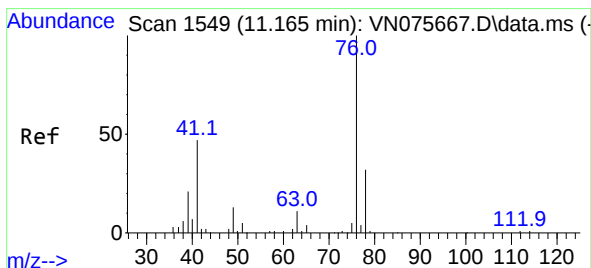
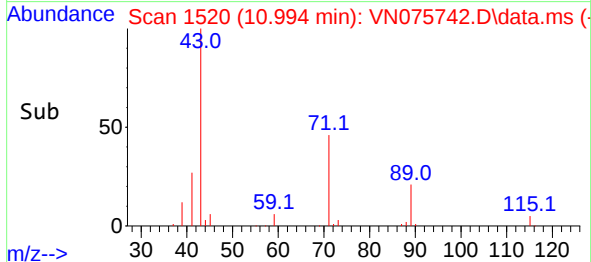
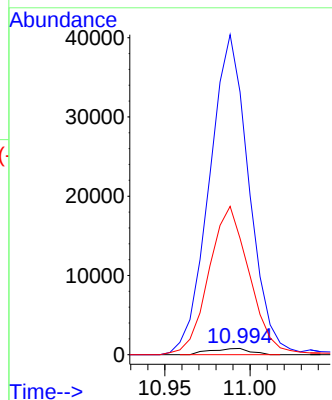
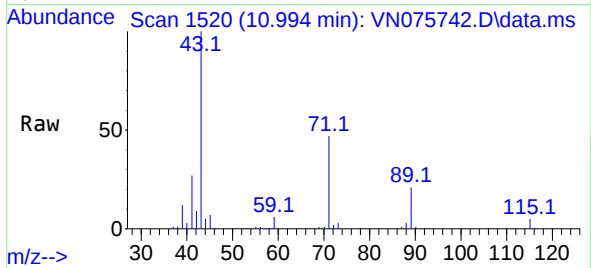




#56
Ethyl methacrylate
Concen: 0.371 ug/l
RT: 10.994 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

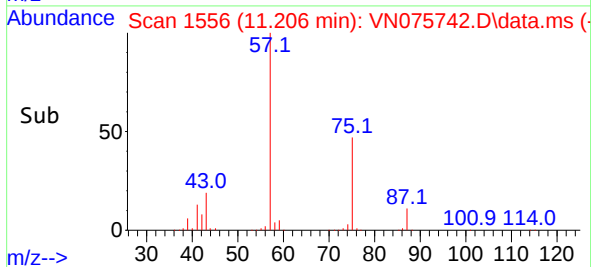
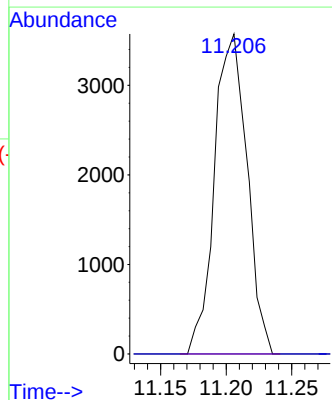
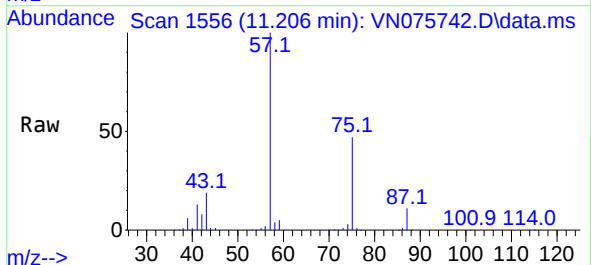
Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

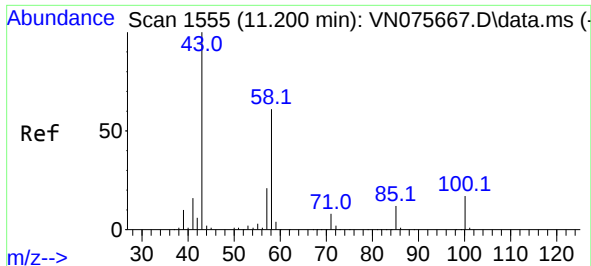
Tgt Ion: 69 Resp: 1285
Ion Ratio Lower Upper
69 100
41 5122.9 44.1 66.1#
39 2431.3 27.7 41.5#



#57
1,3-Dichloropropane
Concen: 1.492 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.041 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion: 76 Resp: 6166
Ion Ratio Lower Upper
76 100
78 0.0 26.8 40.2#

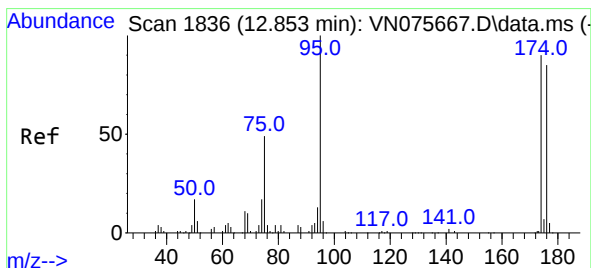
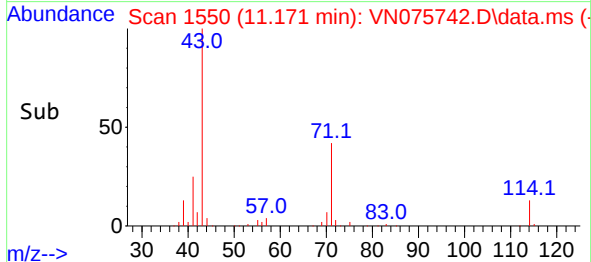
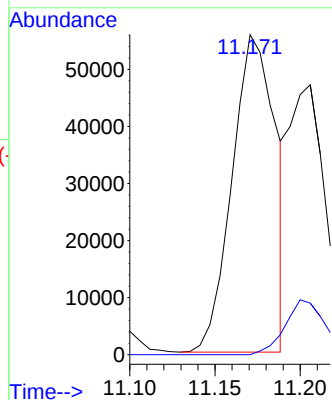
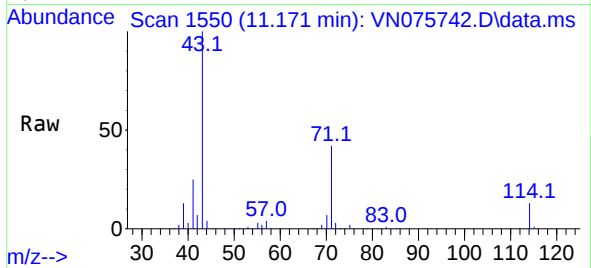




#59
2-Hexanone
Concen: 51.139 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.029 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

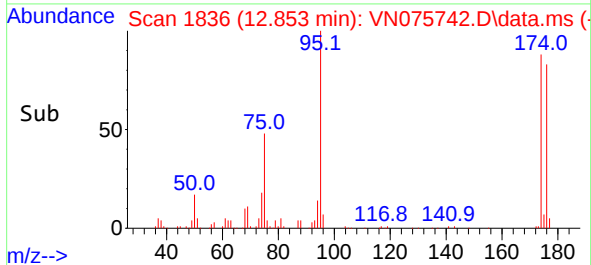
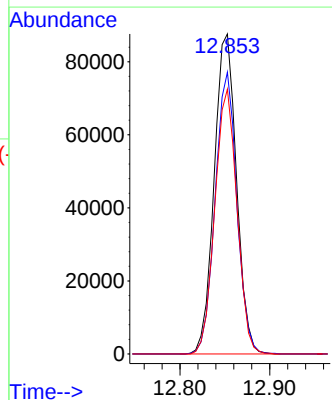
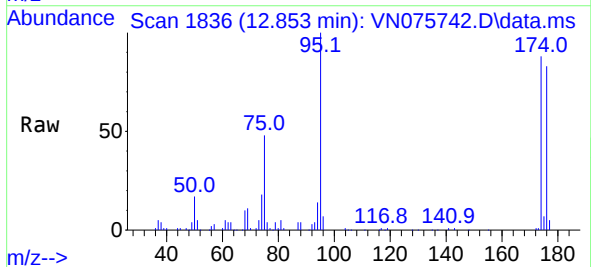
Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

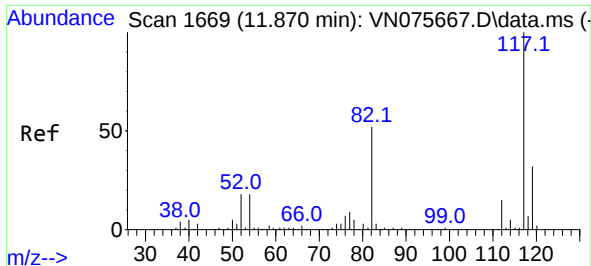
Tgt Ion: 43 Resp: 98435
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.5#



#62
4-Bromofluorobenzene
Concen: 48.709 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion: 95 Resp: 150986
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.6
176 82.1 0.0 170.8

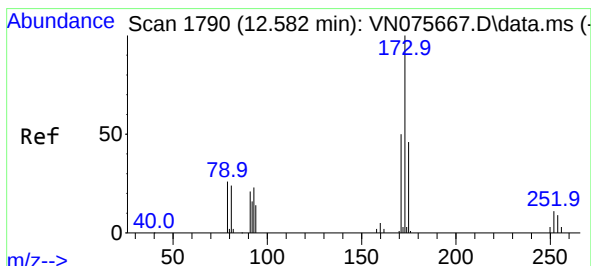
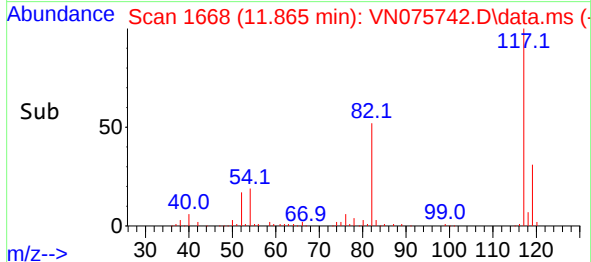
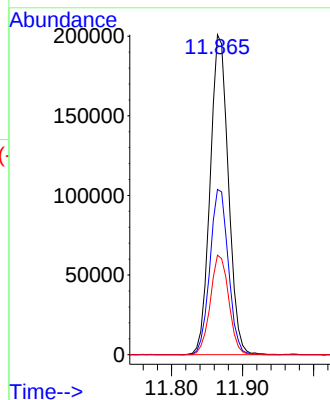
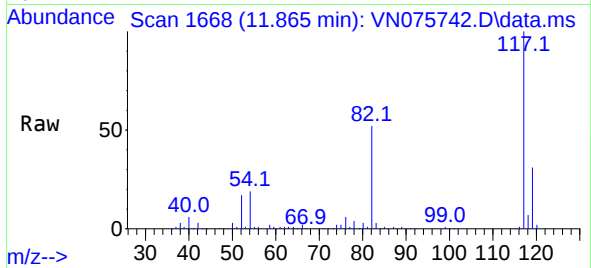




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

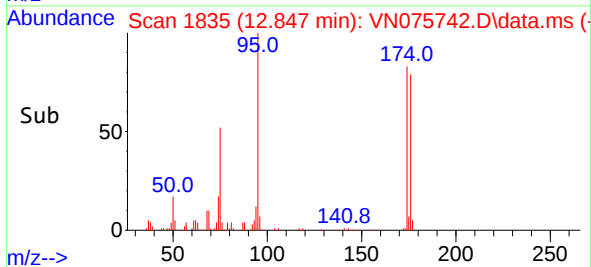
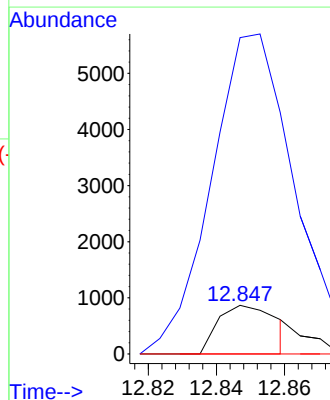
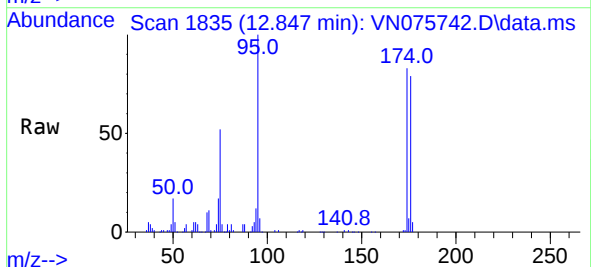
Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

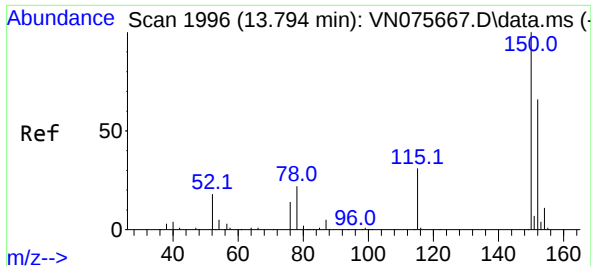
Tgt Ion:117 Resp: 357590
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.8
119 31.1 25.8 38.6



#71
Bromoform
Concen: 0.510 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion:173 Resp: 1035
Ion Ratio Lower Upper
173 100
175 774.8 23.8 71.2#
254 0.0 0.0 0.0

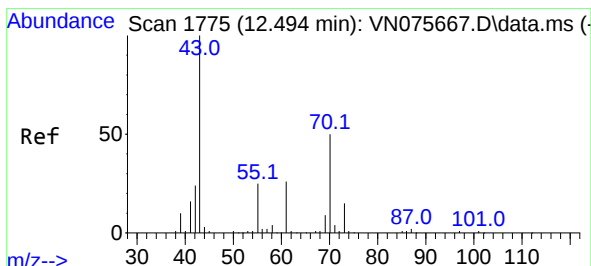
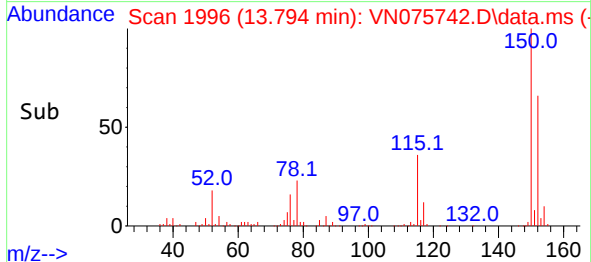
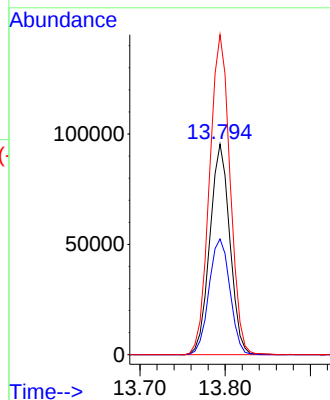
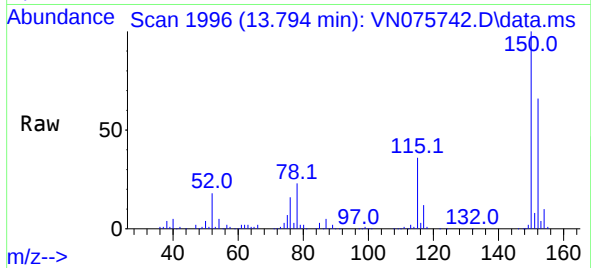




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

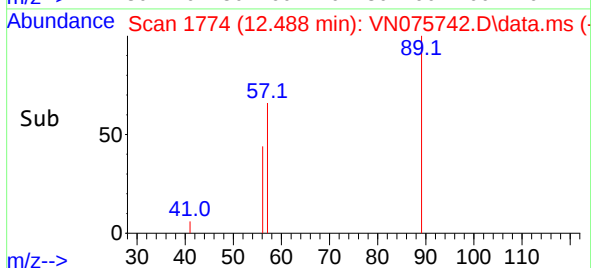
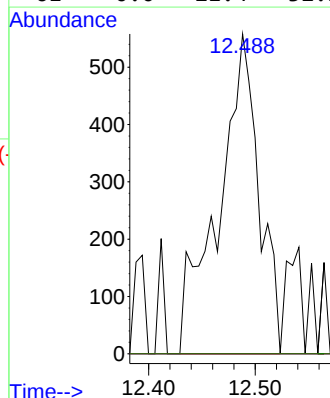
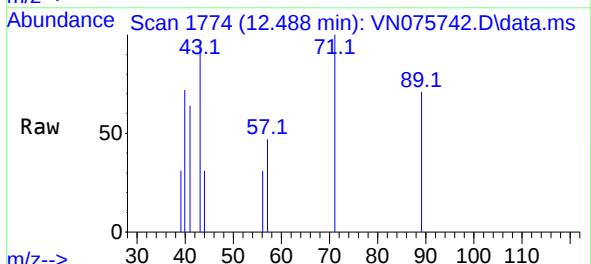
Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

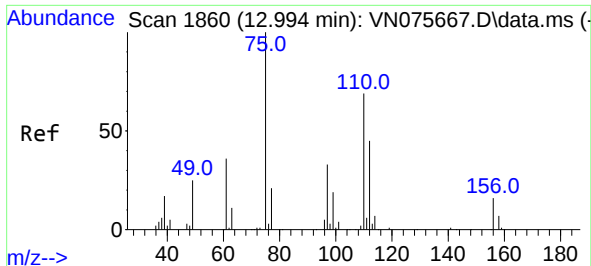
Tgt Ion:152 Resp: 155484
Ion Ratio Lower Upper
152 100
115 57.5 28.4 85.2
150 156.2 0.0 347.6



#74
N-ethyl acetate
Concen: 0.456 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
70 0.0 41.0 61.6#
55 0.0 20.7 31.1#
61 0.0 21.4 32.2#

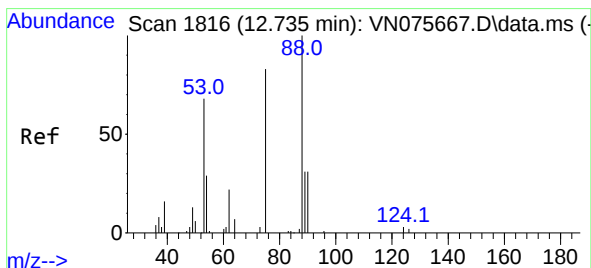
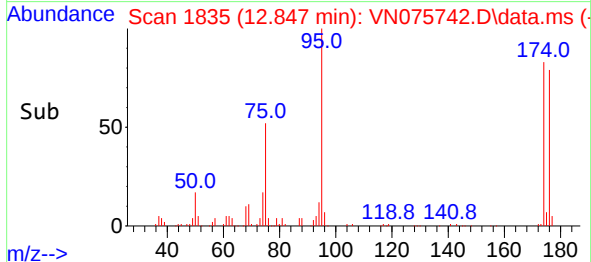
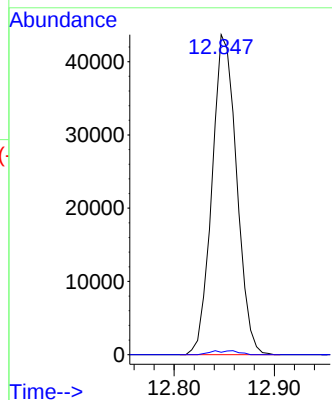
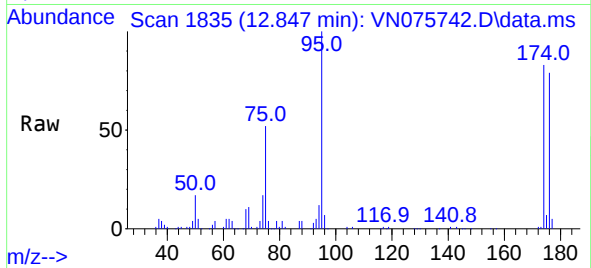




#76
1,2,3-Trichloropropane
Concen: 23.883 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Instrument :
MSVOA_N
ClientSampleId :
PB149517ZHE#05

Tgt Ion: 75 Resp: 74576
Ion Ratio Lower Upper
75 100
77 0.6 81.8 245.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.320 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075742.D
Acq: 13 Dec 2022 05:41

Tgt Ion: 75 Resp: 74576
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#

