

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075373.D
 Acq On : 22 Nov 2022 17:19
 Operator : JC\MD
 Sample : PB149226ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149226ZHE#05

Quant Time: Nov 23 07:12:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

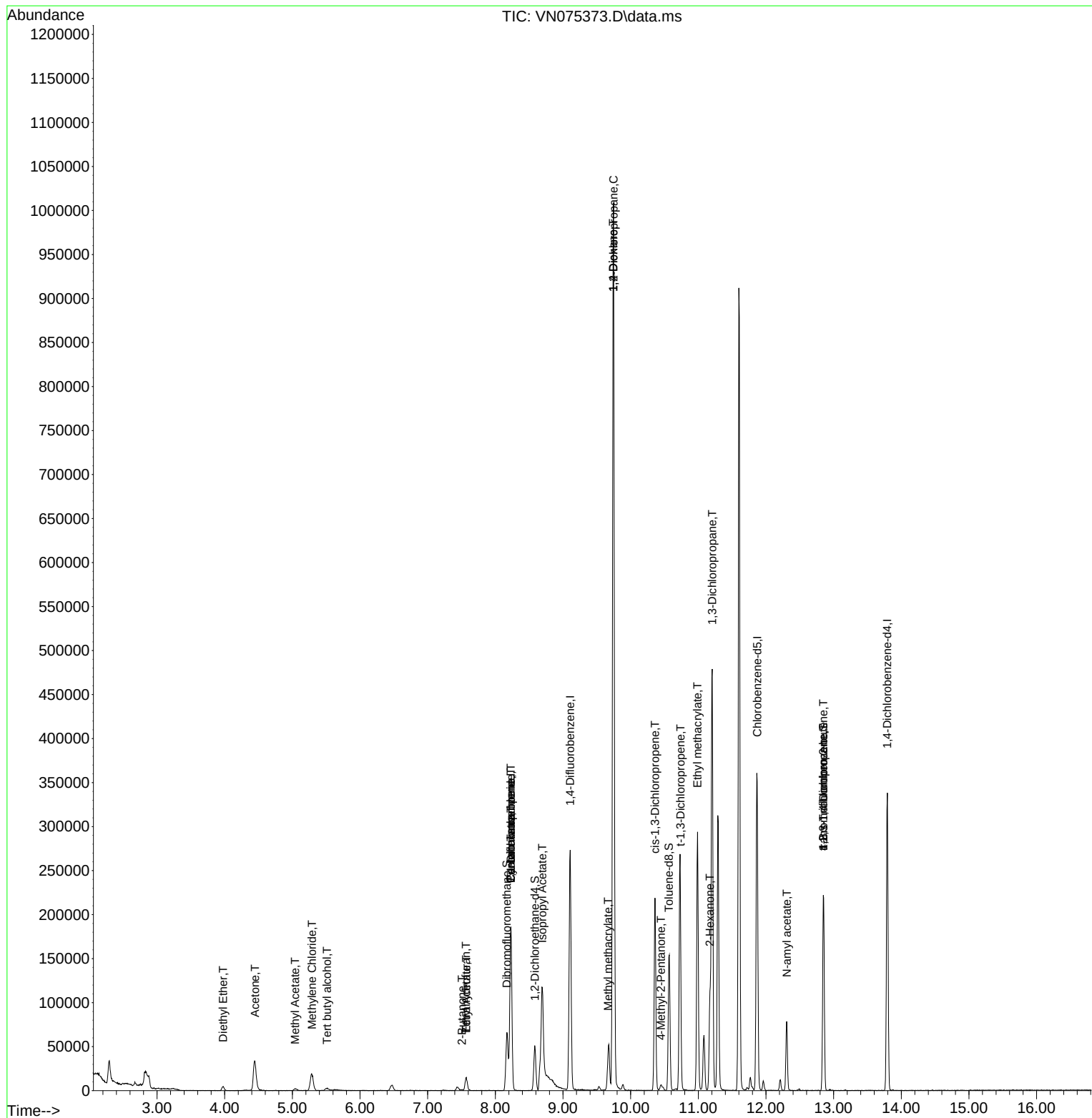
Internal Standards						
1) Pentafluorobenzene	8.229	168	140411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	250129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	226089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	39791	52.794	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.580%	
35) Dibromofluoromethane	8.171	113	48083	48.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.880%	
50) Toluene-d8	10.565	98	110808	50.070	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	12.847	95	76756	46.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.980%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.977	74	2955	3.505	ug/l	91
11) Tert butyl alcohol	5.512	59	2502	7.908	ug/l #	72
16) Acetone	4.447	43	63409	90.195	ug/l	95
18) Methyl Acetate	5.041	43	4468	1.258	ug/l	93
20) Methylene Chloride	5.289	84	16713	10.719	ug/l	90
25) 2-Butanone	7.506	43	1467	1.495	ug/l #	86
29) Tetrahydrofuran	7.565	42	894	1.497	ug/l #	26
31) Cyclohexane	8.229	56	2650	1.107	ug/l #	39
36) 1,1-Dichloropropene	8.229	75	10165	4.744	ug/l #	51
37) Ethyl Acetate	7.571	43	21235	11.006	ug/l	97
38) Carbon Tetrachloride	8.229	117	14607	6.205	ug/l #	15
43) Isopropyl Acetate	8.694	43	153512	49.568	ug/l #	81
45) 1,2-Dichloropropane	9.747	63	1438	0.920	ug/l #	42
48) Methyl methacrylate	9.665	41	2970	2.074	ug/l #	35
49) 1,4-Dioxane	9.741	88	61	1.500	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	7740	3.924	ug/l #	66
53) t-1,3-Dichloropropene	10.735	75	683	0.297	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	42457	17.003	ug/l #	62
56) Ethyl methacrylate	10.988	69	947	0.407	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	5470	1.948	ug/l #	42
59) 2-Hexanone	11.170	43	83436	56.331	ug/l #	21
74) N-amyl acetate	12.306	43	23197	10.870	ug/l #	48
76) 1,2,3-Trichloropropane	12.847	75	40190	22.373	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	40190	66.198	ug/l #	10

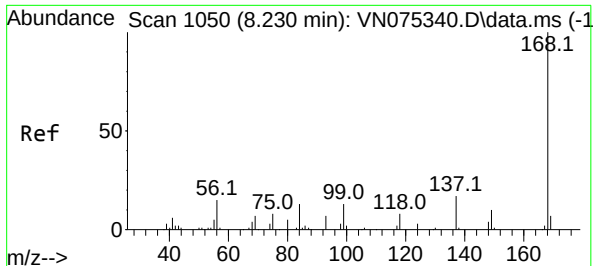
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
Data File : VN075373.D
Acq On : 22 Nov 2022 17:19
Operator : JC\MD
Sample : PB149226ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

Quant Time: Nov 23 07:12:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

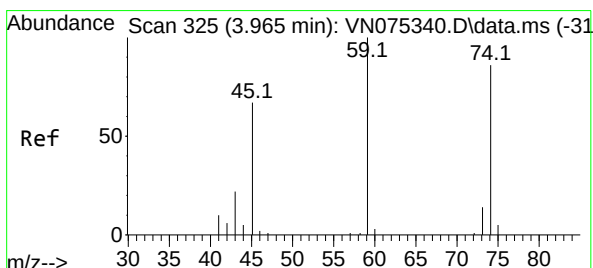
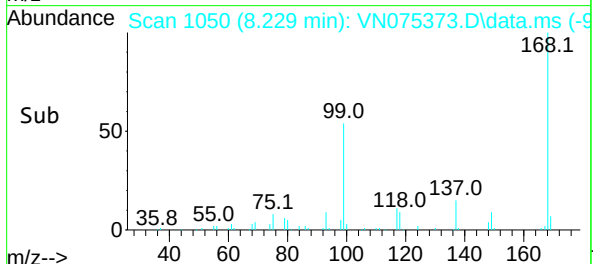
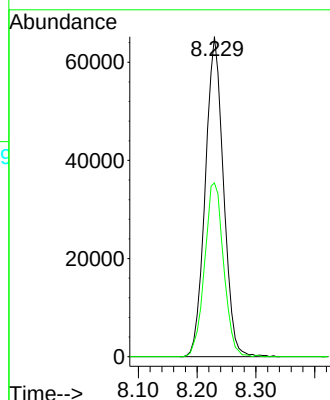
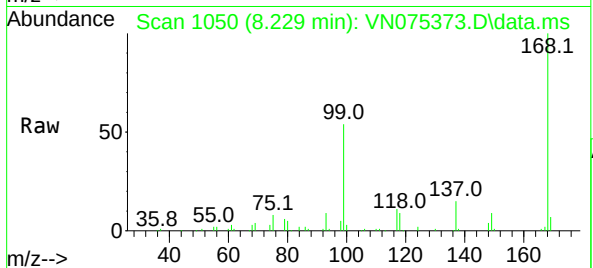




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

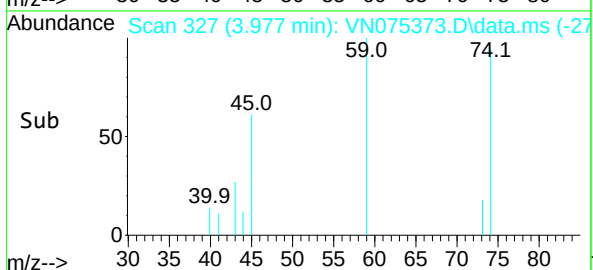
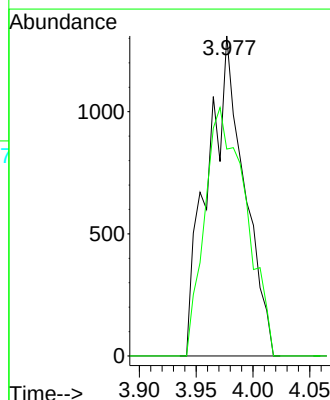
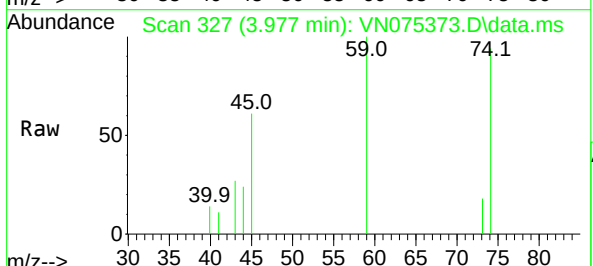
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

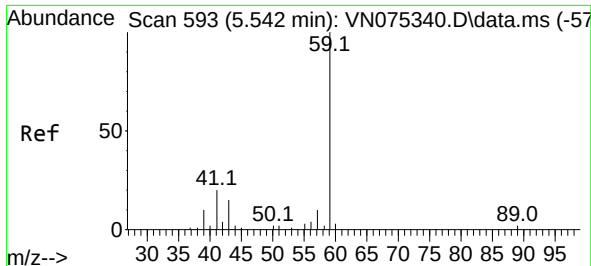
Tgt Ion:168 Resp: 140411
Ion Ratio Lower Upper
168 100
99 54.3 51.6 77.4



#8
Diethyl Ether
Concen: 3.505 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 74 Resp: 2955
Ion Ratio Lower Upper
74 100
45 86.8 39.3 117.9

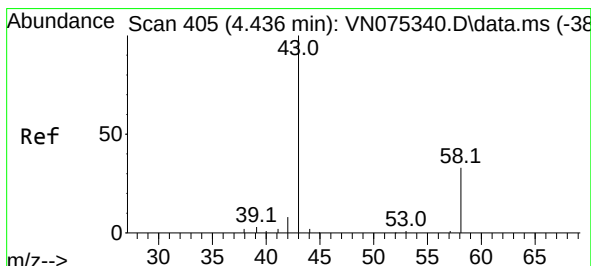
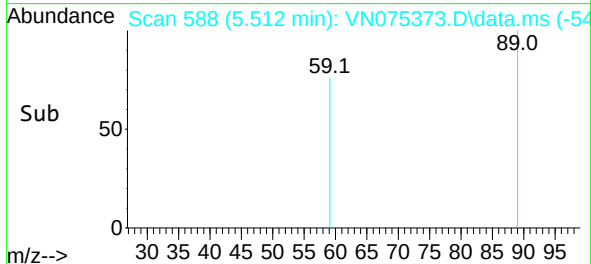
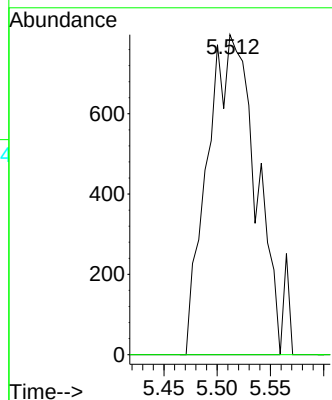
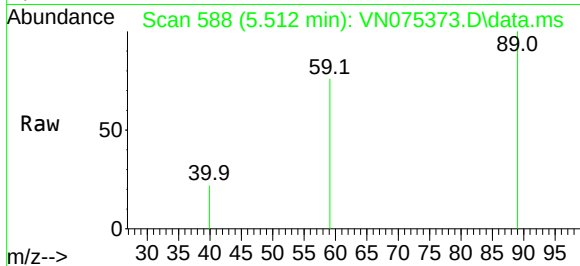




#11
Tert butyl alcohol
Concen: 7.908 ug/l
RT: 5.512 min Scan# 51
Delta R.T. -0.030 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

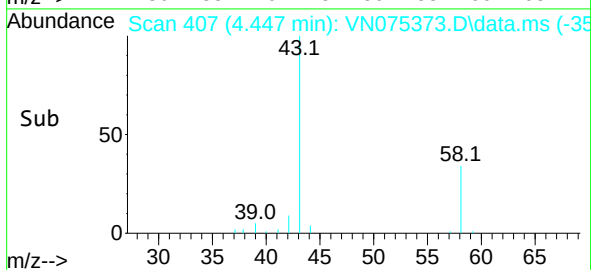
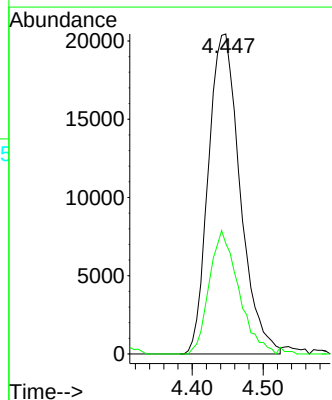
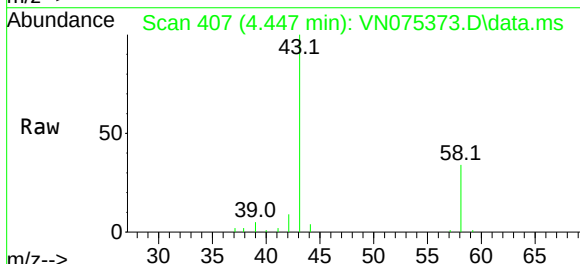
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

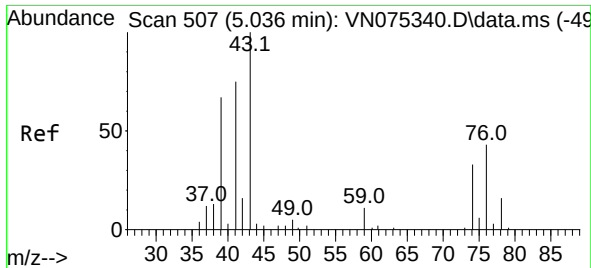
Tgt Ion: 59 Resp: 2502
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 90.195 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 43 Resp: 63409
Ion Ratio Lower Upper
43 100
58 34.5 25.5 38.3

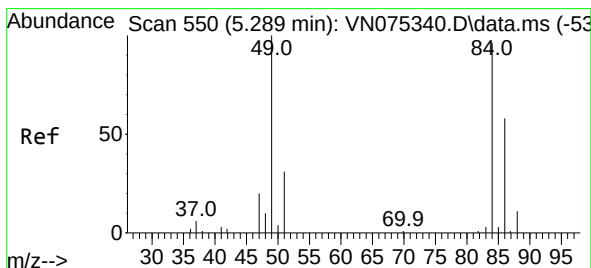
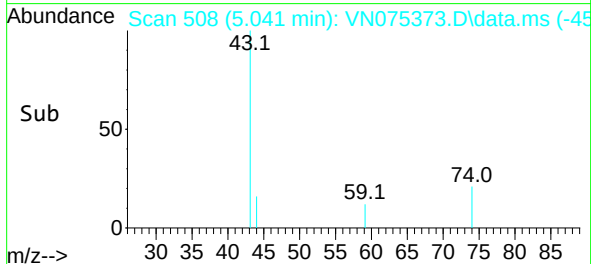
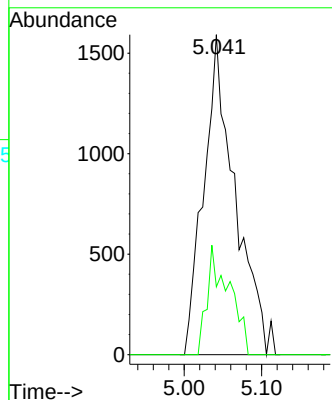
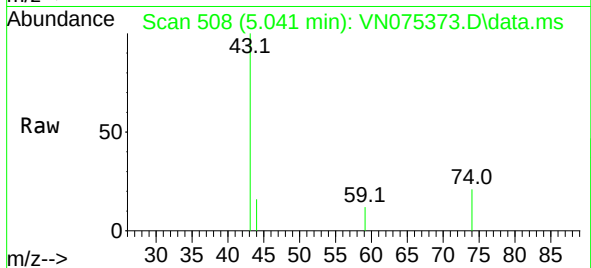




#18
Methyl Acetate
Concen: 1.258 ug/l
RT: 5.041 min Scan# 507
Delta R.T. 0.005 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

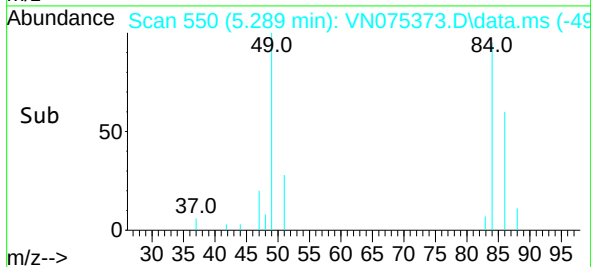
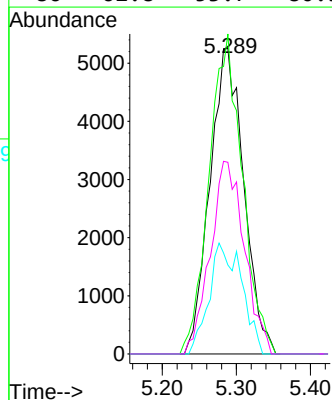
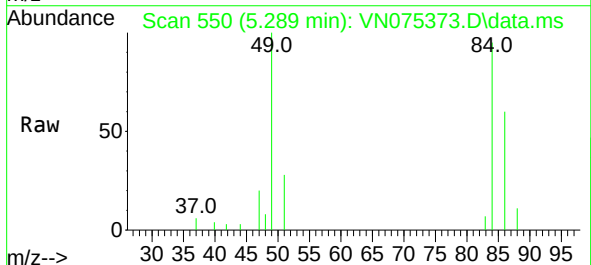
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

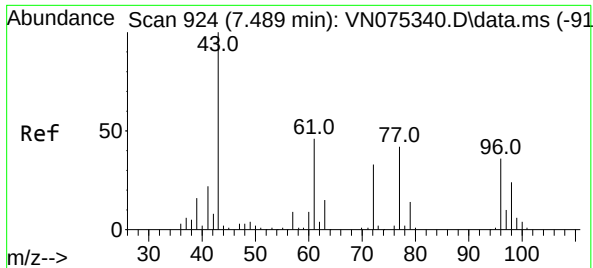
Tgt Ion: 43 Resp: 4468
Ion Ratio Lower Upper
43 100
74 24.1 22.0 33.0



#20
Methylene Chloride
Concen: 10.719 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 84 Resp: 16713
Ion Ratio Lower Upper
84 100
49 104.8 94.9 142.3
51 29.1 26.8 40.2
86 62.8 53.7 80.5





#25

2-Butanone

Concen: 1.495 ug/l

RT: 7.506 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN075373.D

Acq: 22 Nov 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

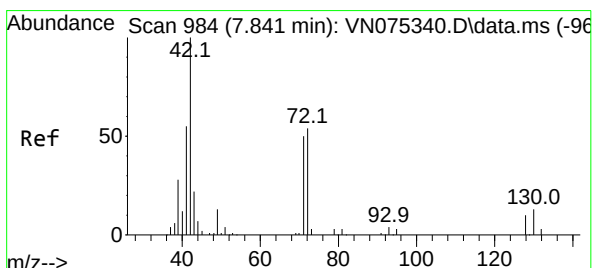
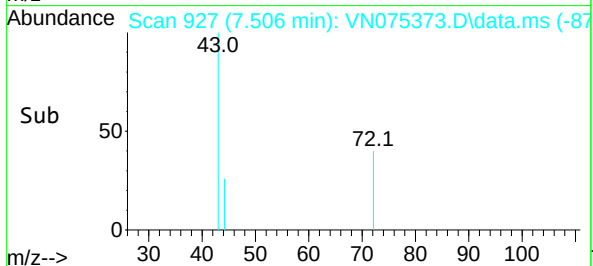
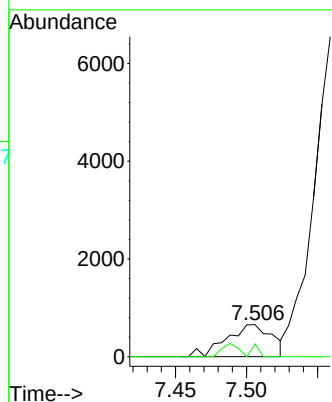
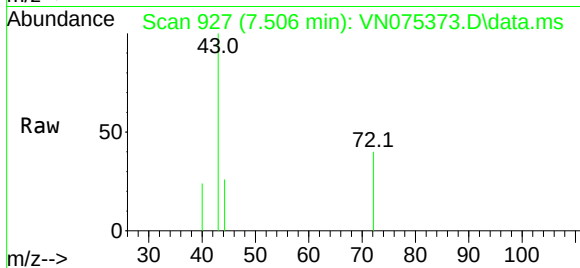
PB149226ZHE#05

Tgt Ion: 43 Resp: 1467

Ion Ratio Lower Upper

43 100

72 39.8 25.5 38.3#



#29

Tetrahydrofuran

Concen: 1.497 ug/l

RT: 7.565 min Scan# 937

Delta R.T. -0.276 min

Lab File: VN075373.D

Acq: 22 Nov 2022 17:19

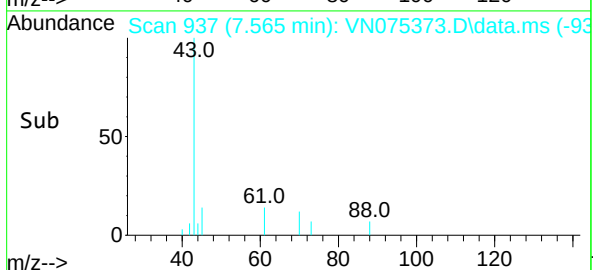
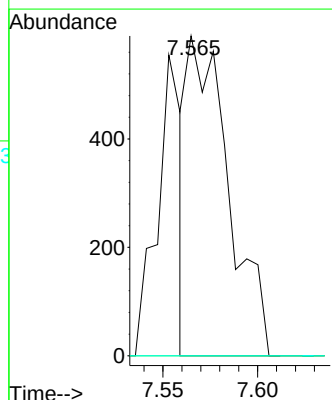
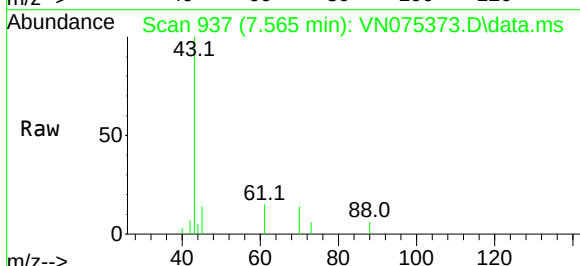
Tgt Ion: 42 Resp: 894

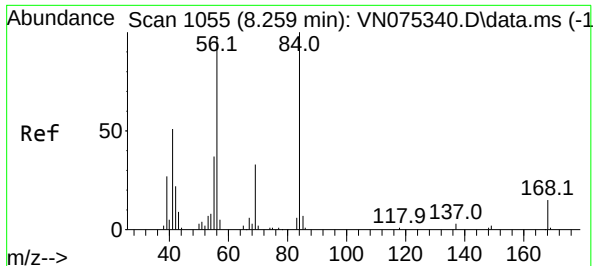
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.6#

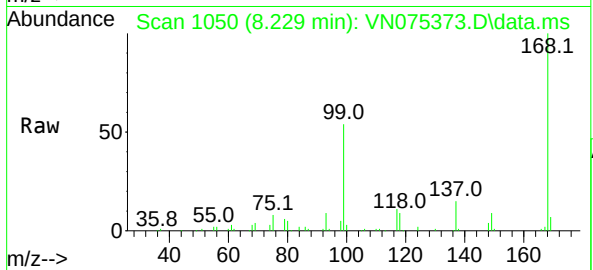
71 0.0 39.9 59.9#



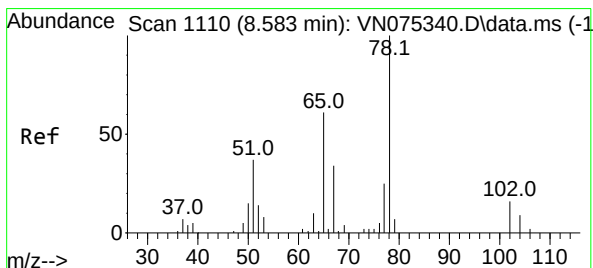
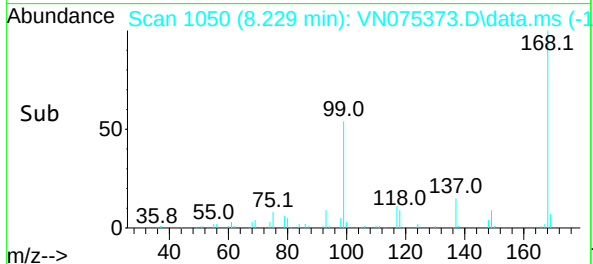
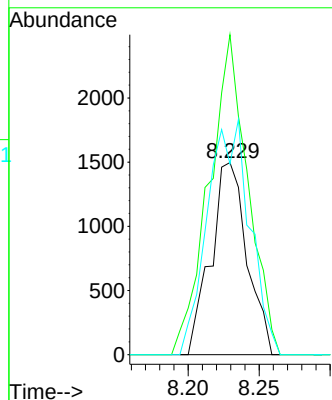


#31
Cyclohexane
Concen: 1.107 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

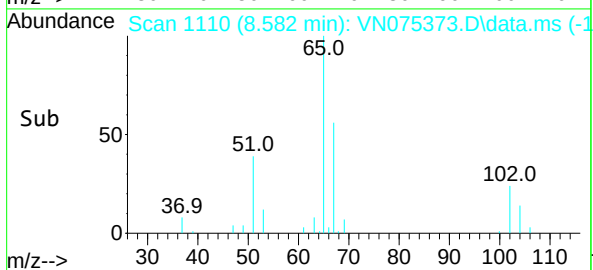
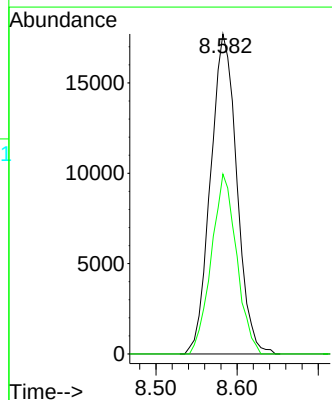
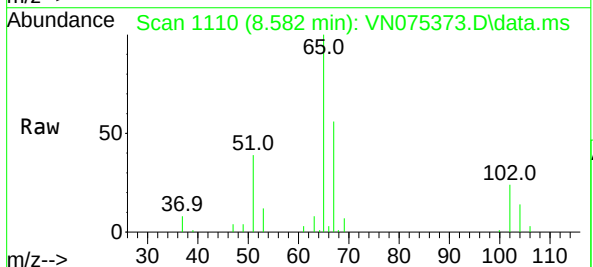


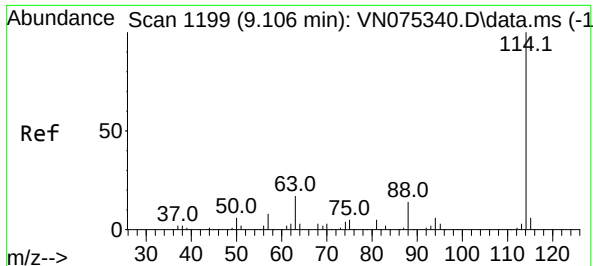
Tgt Ion: 56 Resp: 2650
Ion Ratio Lower Upper
56 100
69 166.5 25.2 37.8#
84 99.3 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 52.794 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 65 Resp: 39791
Ion Ratio Lower Upper
65 100
67 54.0 0.0 102.0

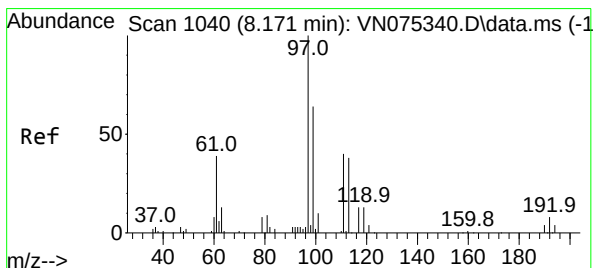
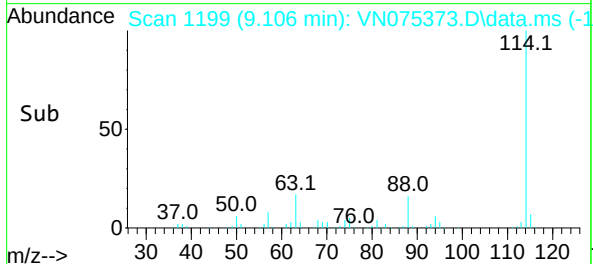
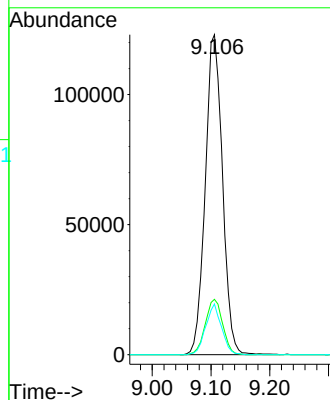
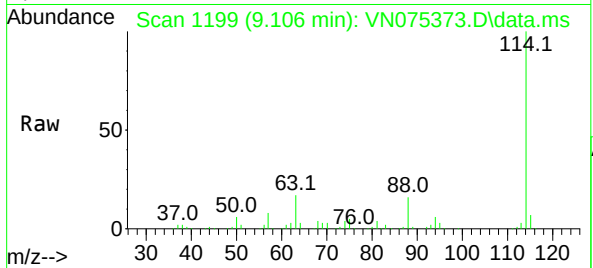




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

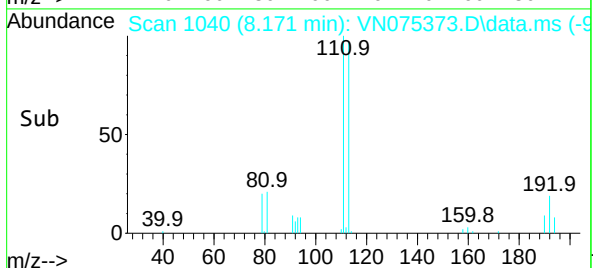
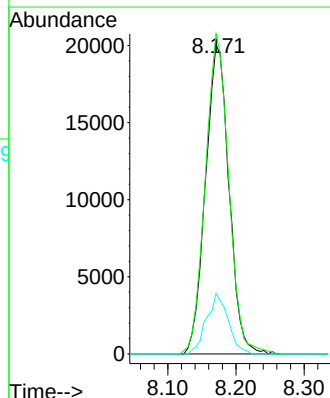
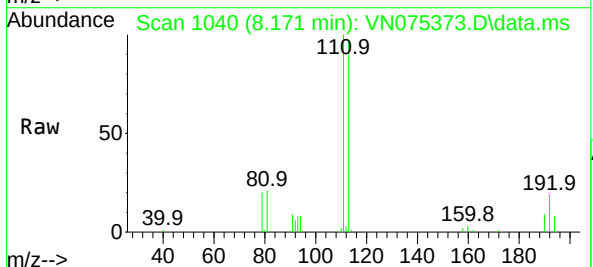
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

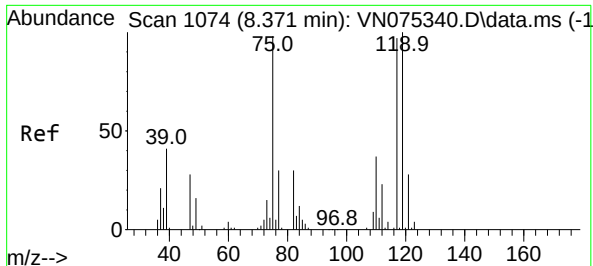
Tgt Ion:114 Resp: 250129
Ion Ratio Lower Upper
114 100
63 17.3 0.0 39.6
88 15.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 48.935 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion:113 Resp: 48083
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 18.0 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.744 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.142 min

Lab File: VN075373.D

Acq: 22 Nov 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB149226ZHE#05

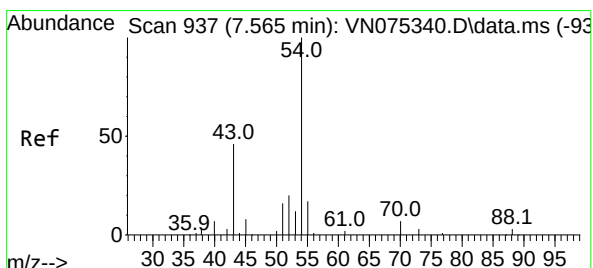
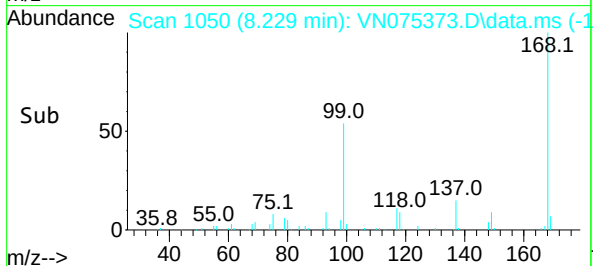
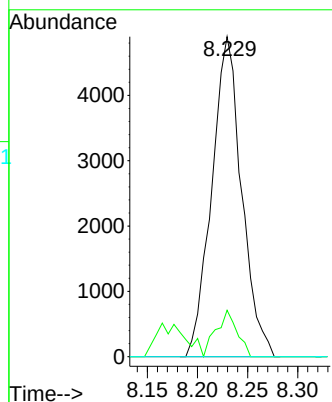
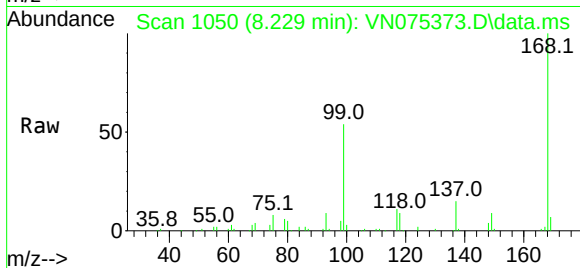
Tgt Ion: 75 Resp: 10165

Ion Ratio Lower Upper

75 100

110 10.1 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 11.006 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075373.D

Acq: 22 Nov 2022 17:19

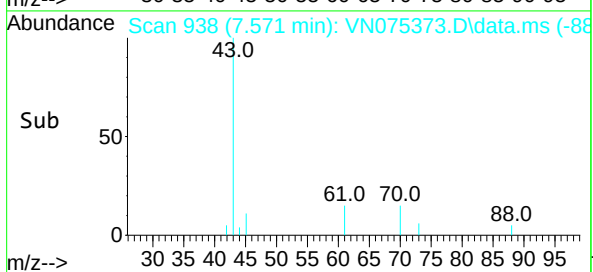
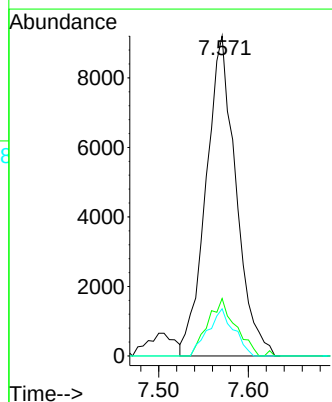
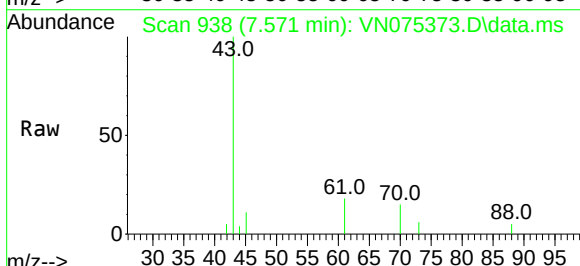
Tgt Ion: 43 Resp: 21235

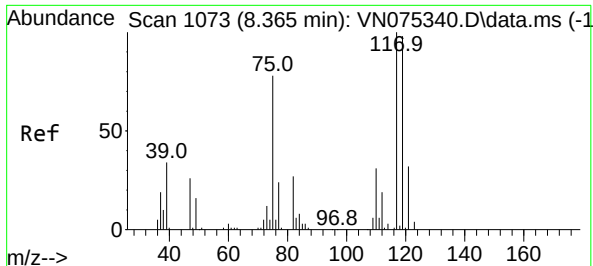
Ion Ratio Lower Upper

43 100

61 16.6 12.2 18.4

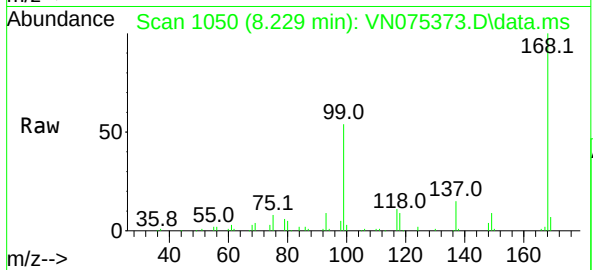
70 12.7 9.4 14.2



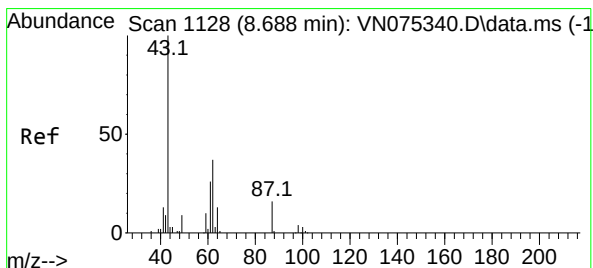
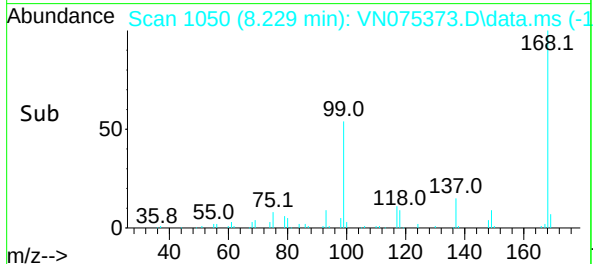
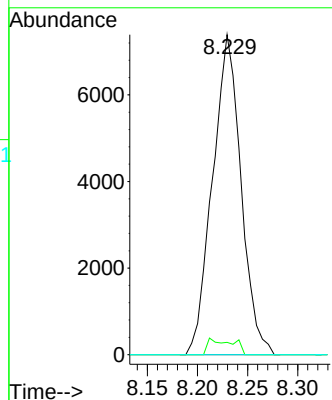


#38
Carbon Tetrachloride
Concen: 6.205 ug/l
RT: 8.229 min Scan# 110
Delta R.T. -0.136 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

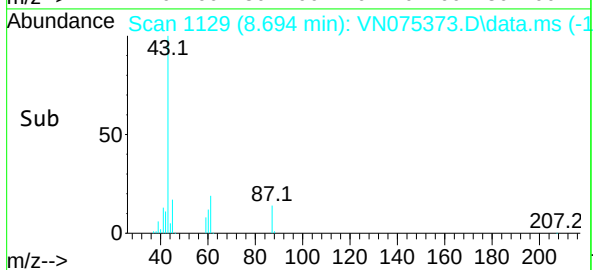
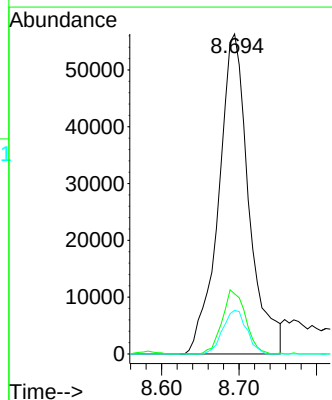
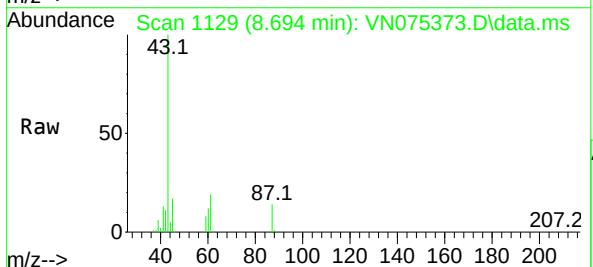


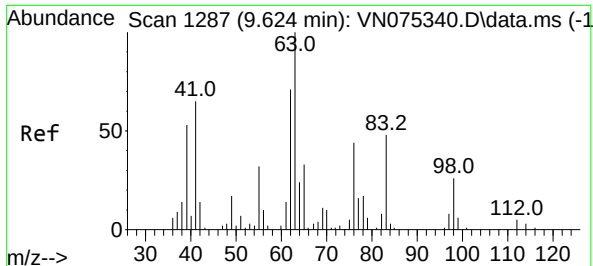
Tgt Ion:117 Resp: 14607
Ion Ratio Lower Upper
117 100
119 3.8 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 49.568 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 43 Resp: 153512
Ion Ratio Lower Upper
43 100
61 15.4 22.4 33.6#
87 10.7 12.5 18.7#





#45

1,2-Dichloropropane

Concen: 0.920 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN075373.D

Acq: 22 Nov 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

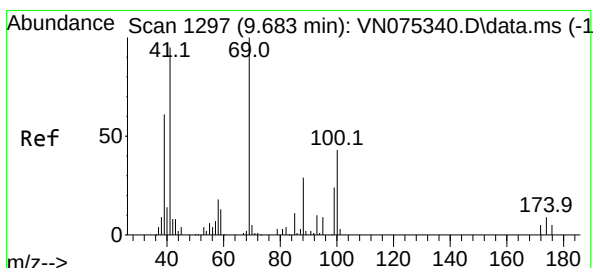
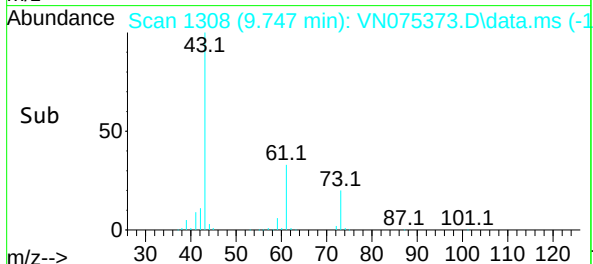
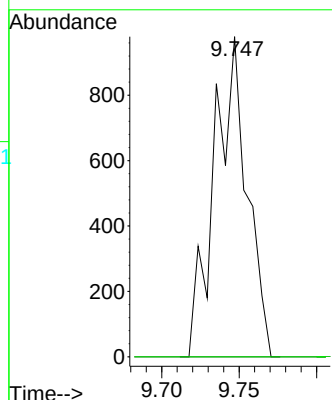
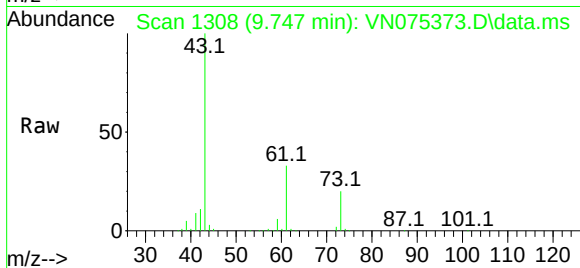
PB149226ZHE#05

Tgt Ion: 63 Resp: 1438

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 2.074 ug/l

RT: 9.665 min Scan# 1294

Delta R.T. -0.018 min

Lab File: VN075373.D

Acq: 22 Nov 2022 17:19

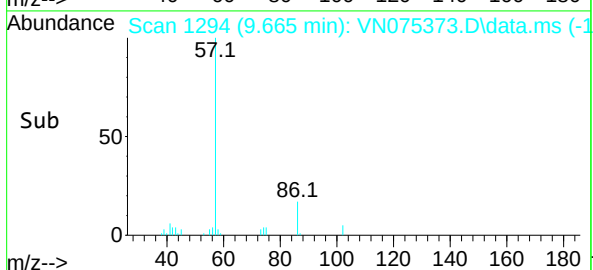
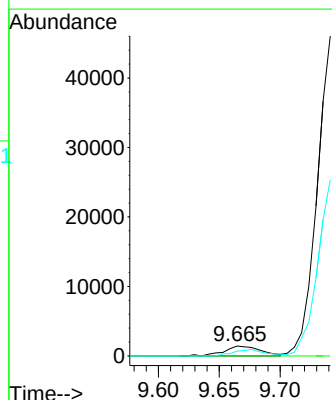
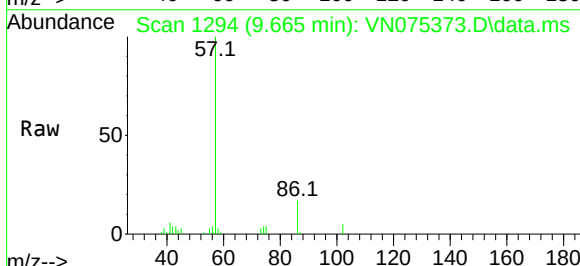
Tgt Ion: 41 Resp: 2970

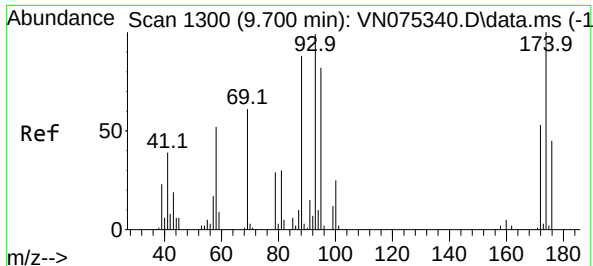
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 57.6 56.2 84.2





#49

1,4-Dioxane

Concen: 1.500 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN075373.D

Acq: 22 Nov 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB149226ZHE#05

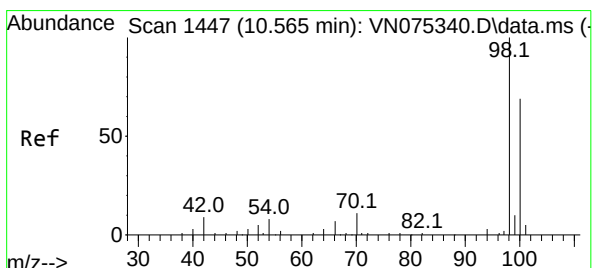
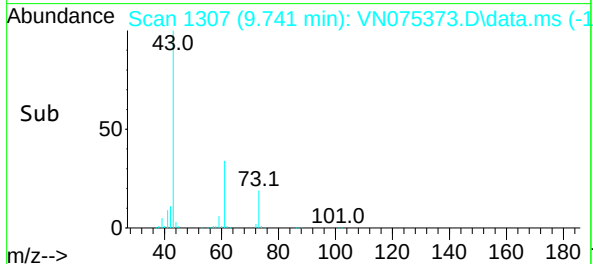
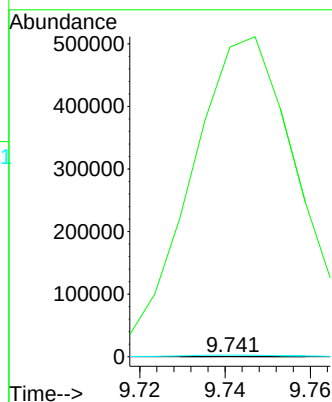
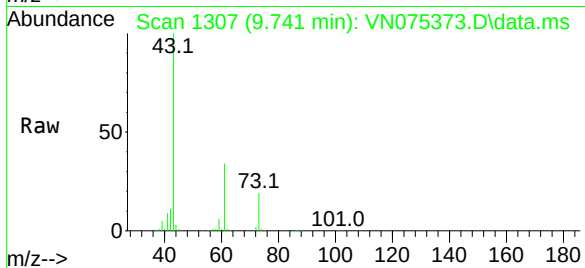
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 1514688.5 17.5 26.3#

58 7324.6 49.8 74.8#



#50

Toluene-d8

Concen: 50.070 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075373.D

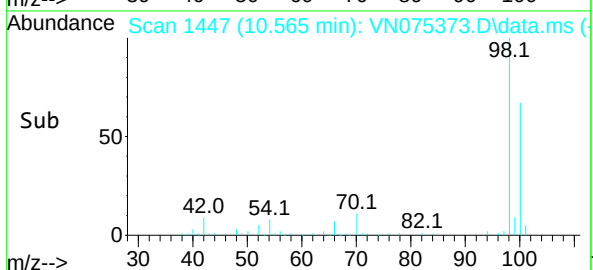
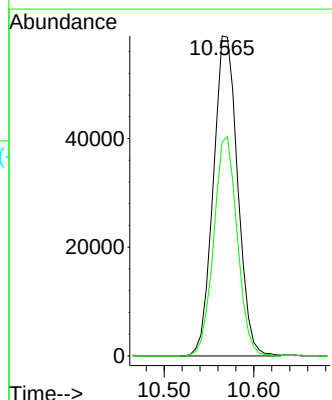
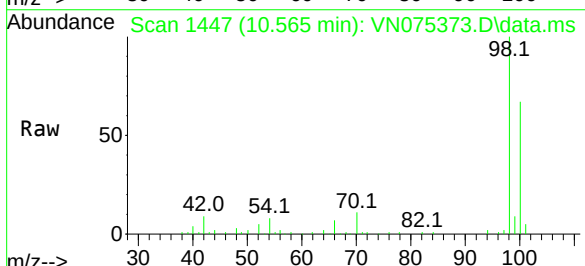
Acq: 22 Nov 2022 17:19

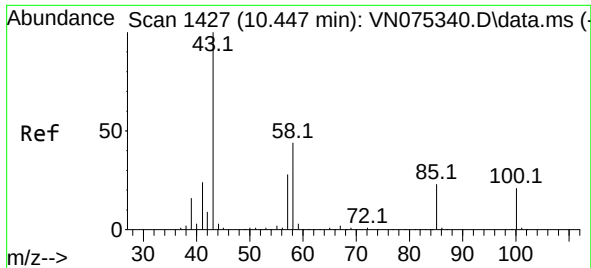
Tgt Ion: 98 Resp: 110808

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6

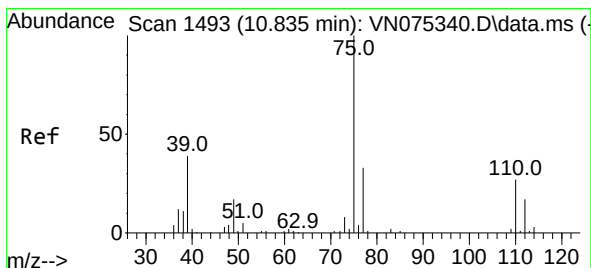
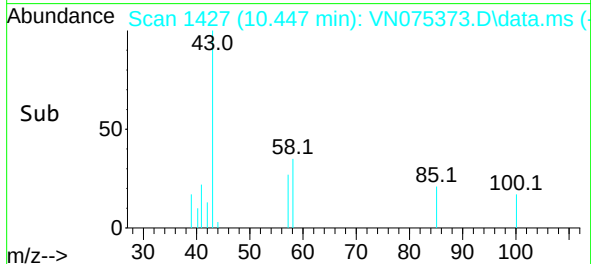
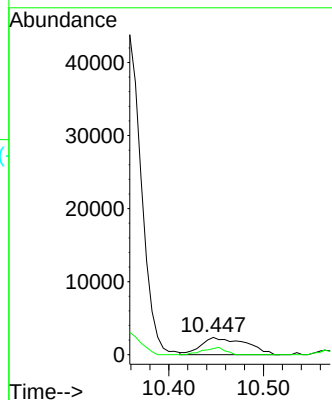
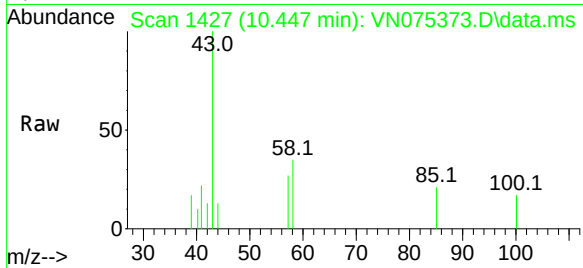




#51
4-Methyl-2-Pentanone
Concen: 3.924 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

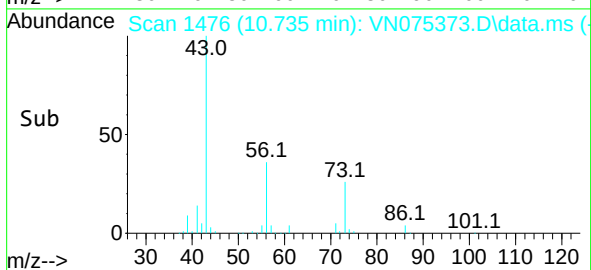
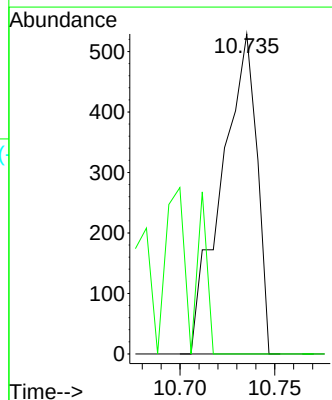
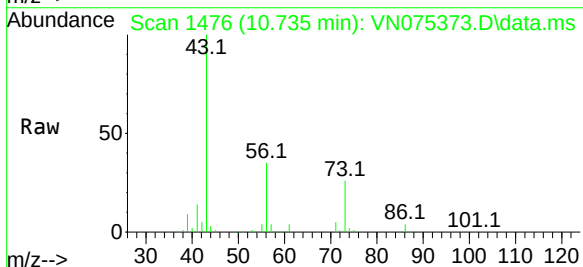
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

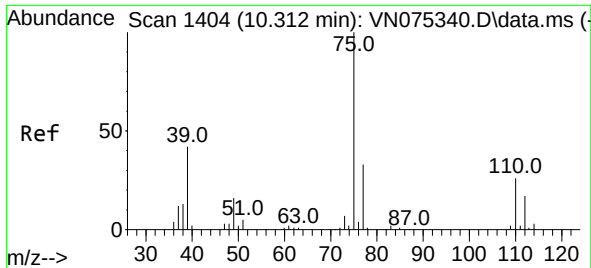
Tgt Ion: 43 Resp: 7740
Ion Ratio Lower Upper
43 100
58 20.4 33.6 50.4#



#53
t-1,3-Dichloropropene
Concen: 0.297 ug/l
RT: 10.735 min Scan# 1476
Delta R.T. -0.100 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 75 Resp: 683
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

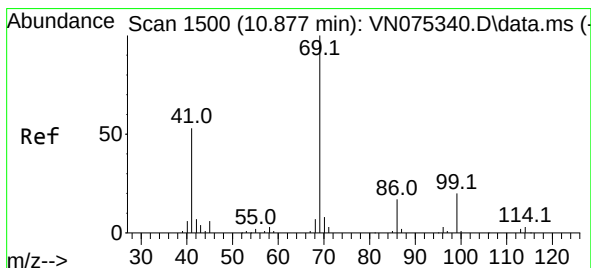
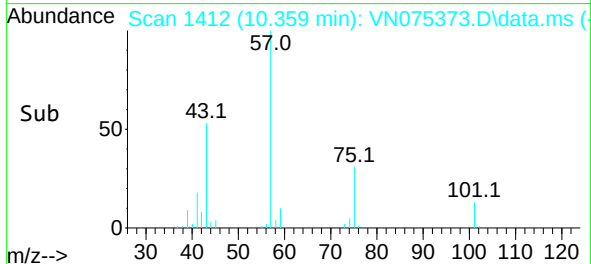
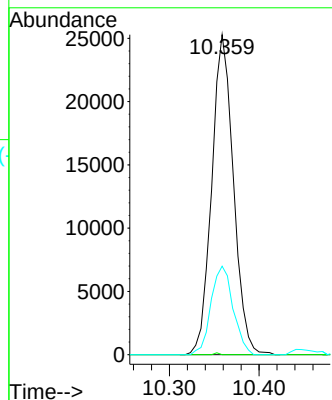
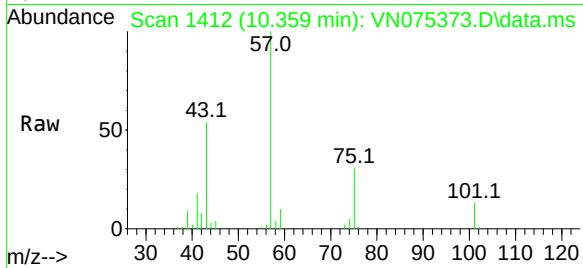




#54
 cis-1,3-Dichloropropene
 Concen: 17.003 ug/l
 RT: 10.359 min Scan# 1412
 Delta R.T. 0.047 min
 Lab File: VN075373.D
 Acq: 22 Nov 2022 17:19

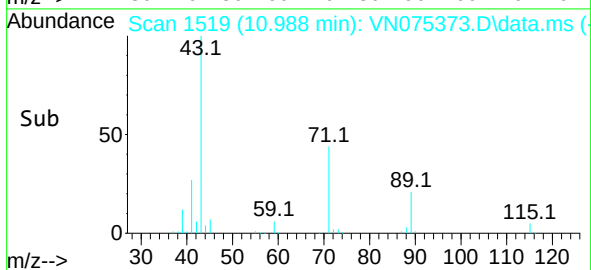
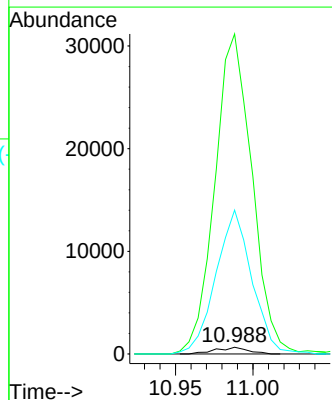
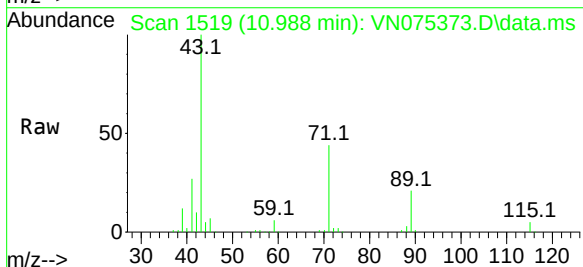
Instrument :
 MSVOA_N
 ClientSampleId :
 PB149226ZHE#05

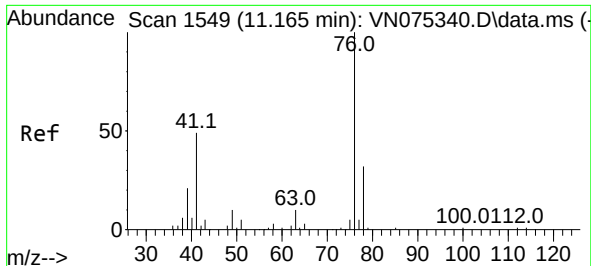
Tgt Ion: 75 Resp: 42457
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 27.6 35.8 53.6#



#56
 Ethyl methacrylate
 Concen: 0.407 ug/l
 RT: 10.988 min Scan# 1519
 Delta R.T. 0.111 min
 Lab File: VN075373.D
 Acq: 22 Nov 2022 17:19

Tgt Ion: 69 Resp: 947
 Ion Ratio Lower Upper
 69 100
 41 5502.1 45.6 68.4#
 39 2402.4 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.948 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN075373.D

Acq: 22 Nov 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

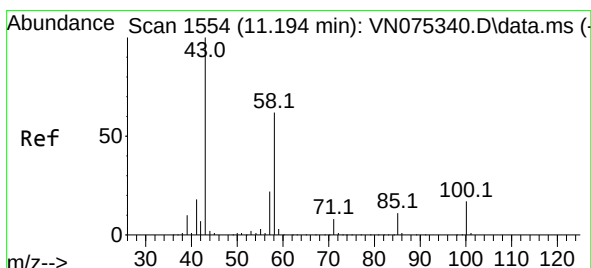
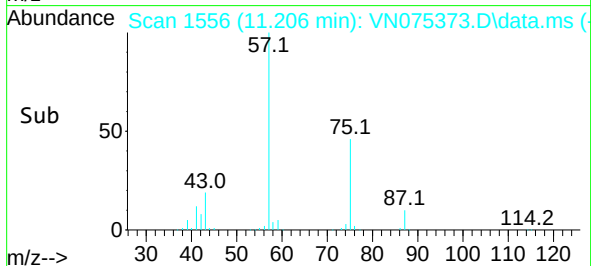
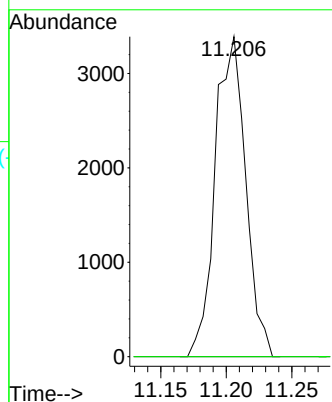
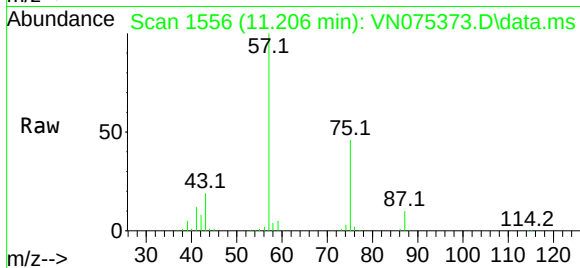
PB149226ZHE#05

Tgt Ion: 76 Resp: 5470

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 56.331 ug/l

RT: 11.170 min Scan# 1550

Delta R.T. -0.024 min

Lab File: VN075373.D

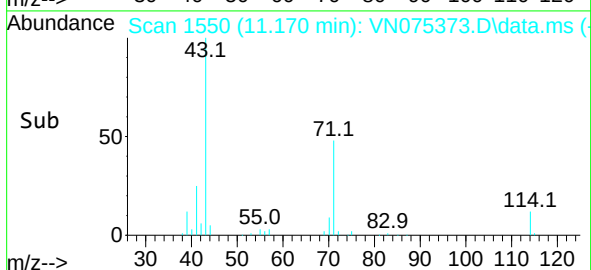
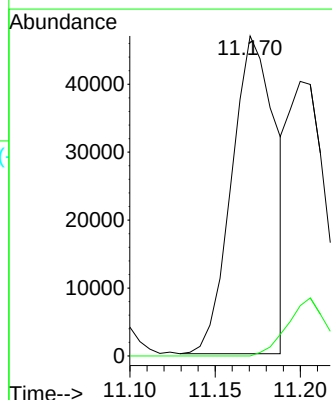
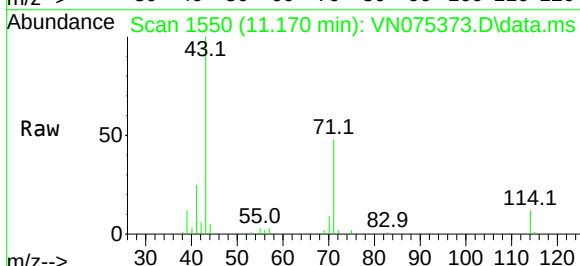
Acq: 22 Nov 2022 17:19

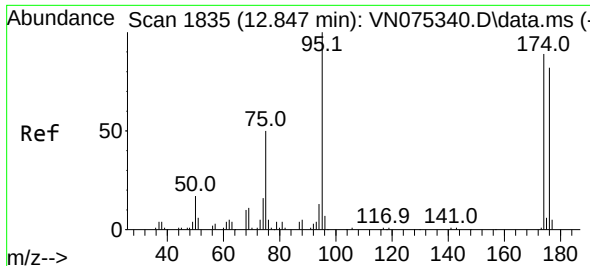
Tgt Ion: 43 Resp: 83436

Ion Ratio Lower Upper

43 100

58 0.0 29.6 88.8#

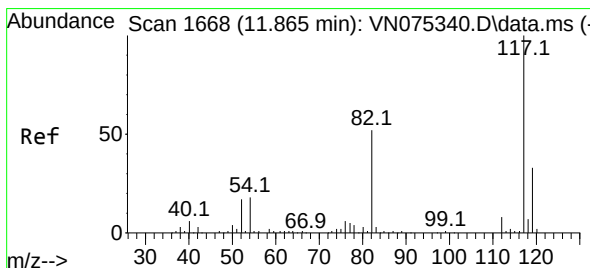
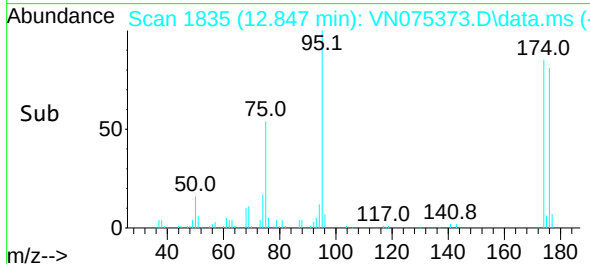
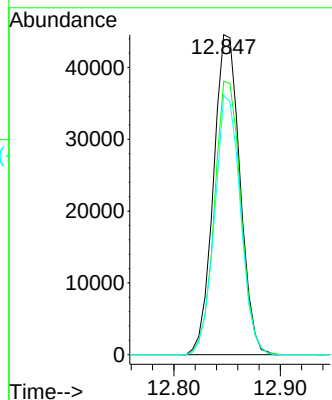
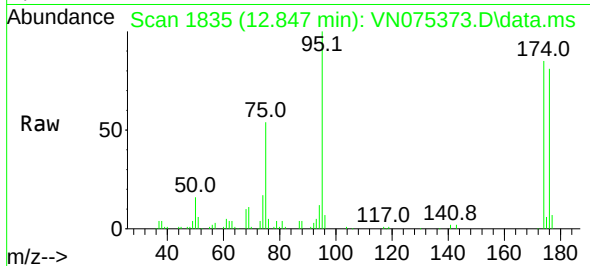




#62
4-Bromofluorobenzene
Concen: 46.989 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

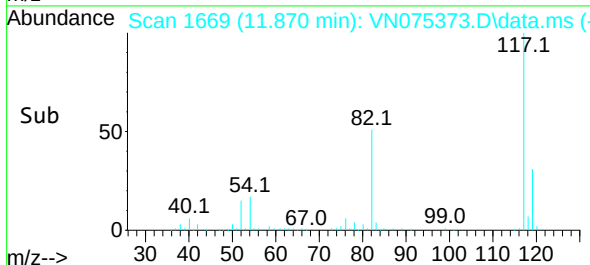
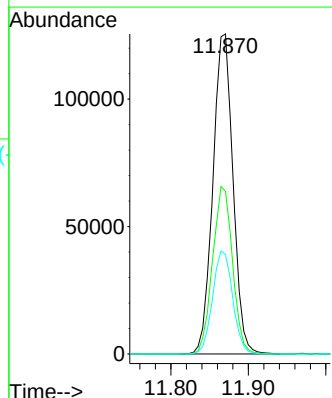
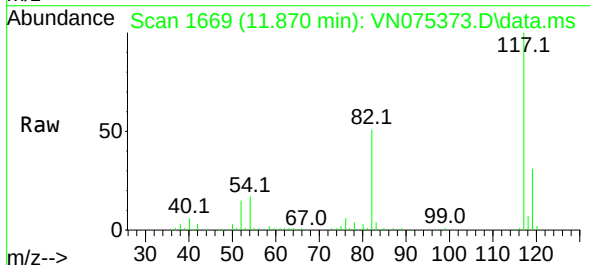
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

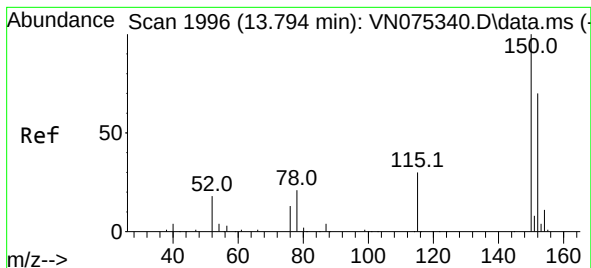
Tgt Ion: 95 Resp: 76756
Ion Ratio Lower Upper
95 100
174 85.0 0.0 147.4
176 79.4 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 117 Resp: 226089
Ion Ratio Lower Upper
117 100
82 50.8 43.1 64.7
119 31.1 25.5 38.3

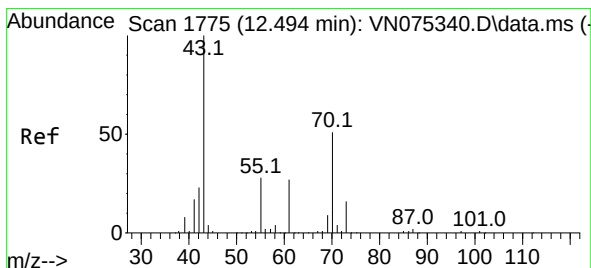
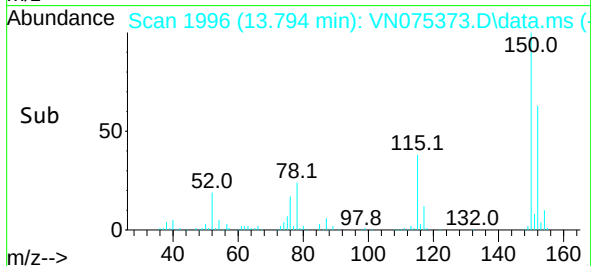
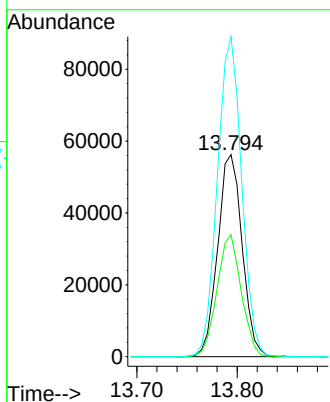
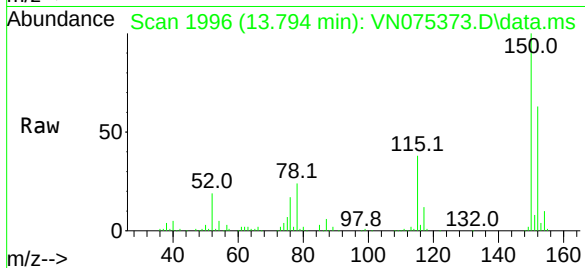




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

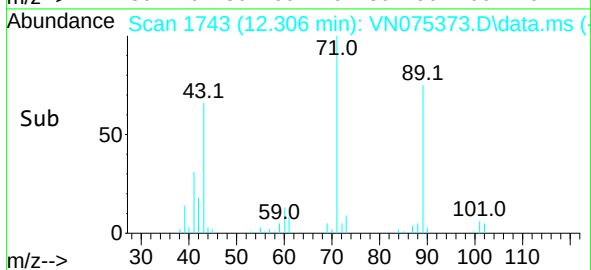
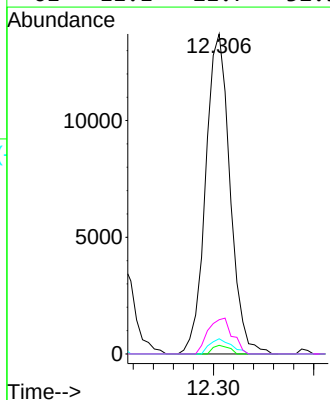
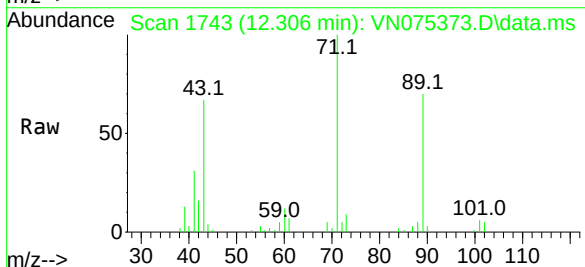
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

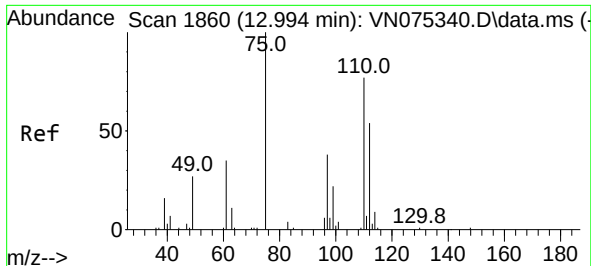
Tgt Ion:152 Resp: 95007
Ion Ratio Lower Upper
152 100
115 59.9 30.2 90.6
150 157.3 0.0 348.4



#74
N-ethyl acetate
Concen: 10.870 ug/l
RT: 12.306 min Scan# 1743
Delta R.T. -0.188 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 43 Resp: 23197
Ion Ratio Lower Upper
43 100
70 1.8 39.8 59.8#
55 4.2 19.9 29.9#
61 11.1 21.7 32.5#

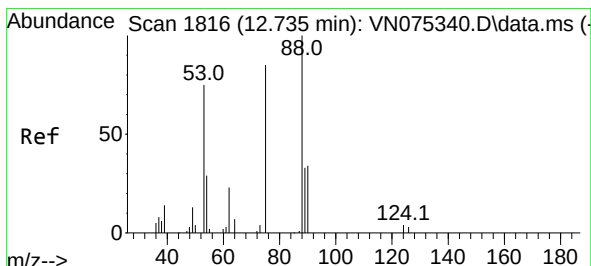
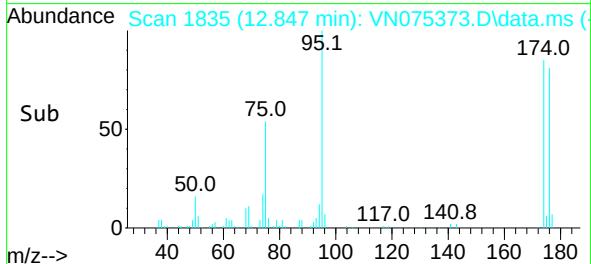
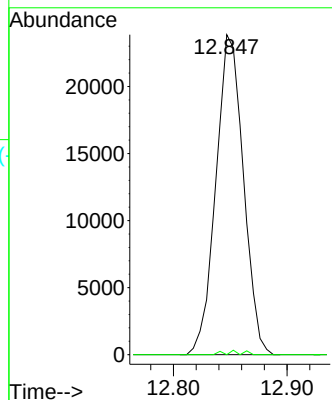
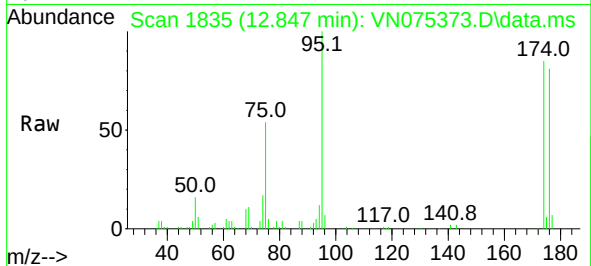




#76
1,2,3-Trichloropropane
Concen: 22.373 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

Tgt Ion: 75 Resp: 40190
Ion Ratio Lower Upper
75 100
77 0.5 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.198 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 75 Resp: 40190
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

