

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075482.D
 Acq On : 29 Nov 2022 17:38
 Operator : JC\MD
 Sample : N5791-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WSH-STOCK-1128

Quant Time: Nov 30 02:30:05 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

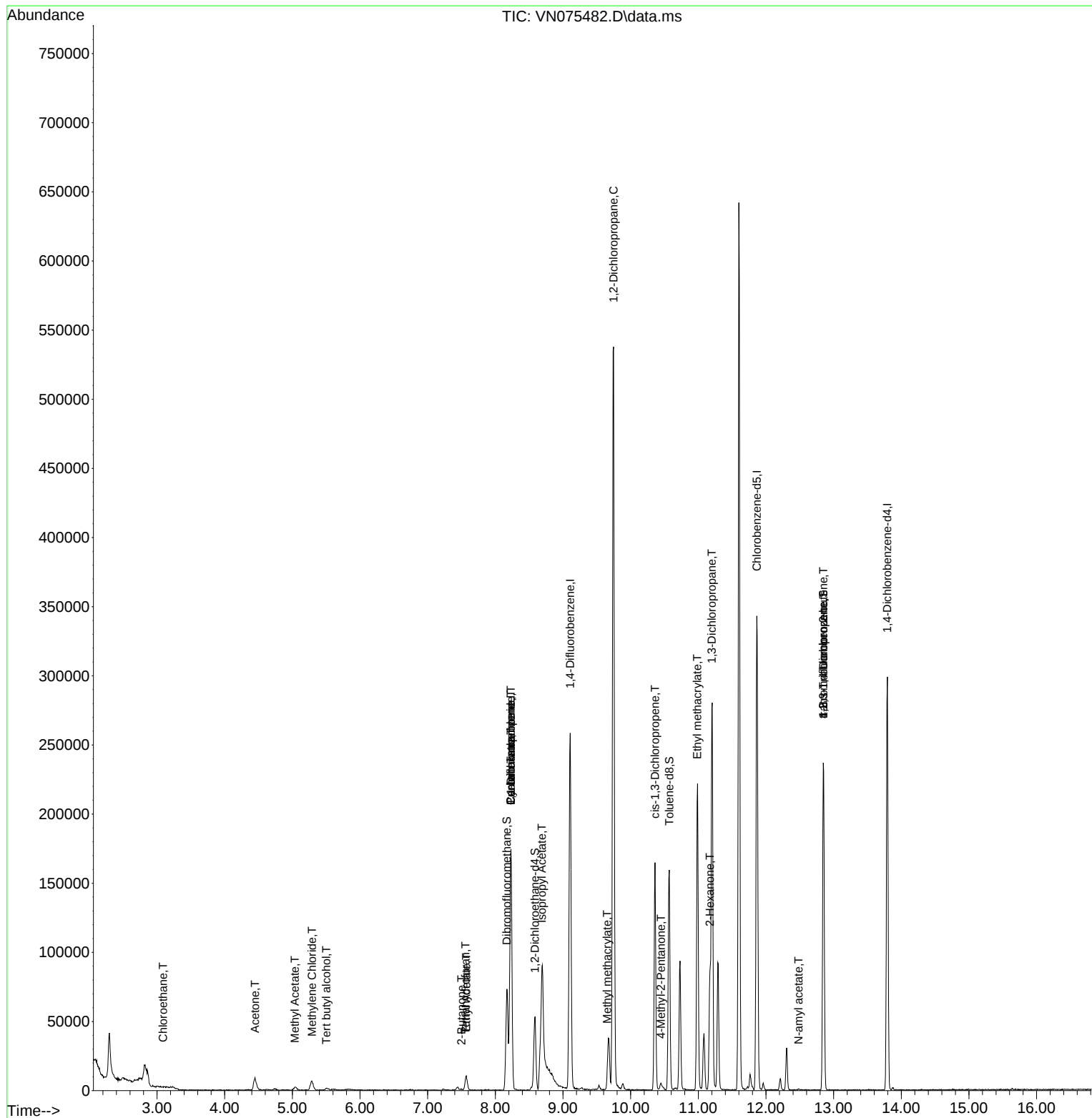
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	133914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	237748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	43444	60.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.880%	
35) Dibromofluoromethane	8.171	113	52309	56.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.020%	
50) Toluene-d8	10.571	98	114237	54.307	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.620%	
62) 4-Bromofluorobenzene	12.847	95	81269	52.343	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.680%	
Target Compounds						Qvalue
6) Chloroethane	3.089	64	513	0.422	ug/l #	45
11) Tert butyl alcohol	5.500	59	829	2.747	ug/l #	72
16) Acetone	4.448	43	16920	25.235	ug/l	95
18) Methyl Acetate	5.036	43	4664	1.503	ug/l #	47
20) Methylene Chloride	5.289	84	5630	2.937	ug/l	97
25) 2-Butanone	7.500	43	747	0.798	ug/l	90
29) Tetrahydrofuran	7.559	42	819	1.438	ug/l #	26
31) Cyclohexane	8.230	56	2612	1.144	ug/l #	32
36) 1,1-Dichloropropene	8.230	75	9598	4.712	ug/l #	51
37) Ethyl Acetate	7.571	43	14740	8.037	ug/l	98
38) Carbon Tetrachloride	8.230	117	14013	6.263	ug/l #	17
43) Isopropyl Acetate	8.688	43	131181	44.563	ug/l #	76
45) 1,2-Dichloropropane	9.747	63	766	0.515	ug/l #	42
48) Methyl methacrylate	9.653	41	1954	1.436	ug/l #	38
51) 4-Methyl-2-Pentanone	10.447	43	5394	2.877	ug/l #	73
54) cis-1,3-Dichloropropene	10.359	75	31210	13.150	ug/l #	63
56) Ethyl methacrylate	10.982	69	920	0.416	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	3284	1.231	ug/l #	42
59) 2-Hexanone	11.171	43	72242	51.313	ug/l #	21
74) N-amyl acetate	12.482	43	390	0.206	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	41544	26.112	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	41544	77.258	ug/l #	10

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

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QLast Update : Wed Nov 23 00:18:03 2022
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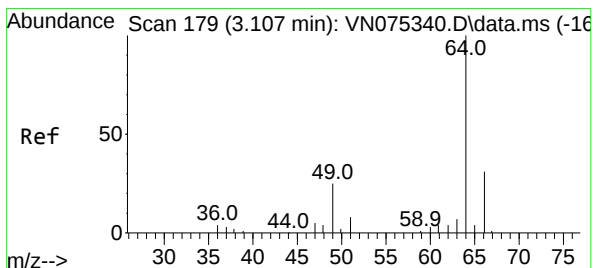
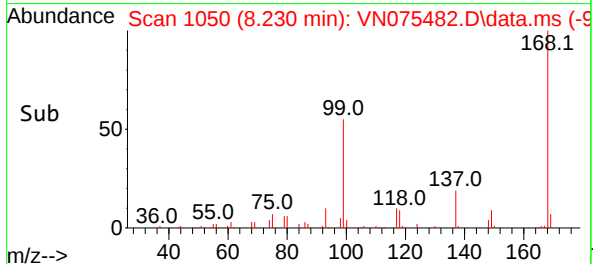
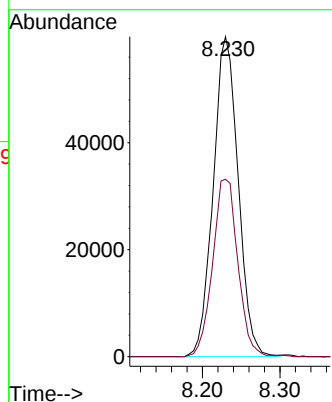
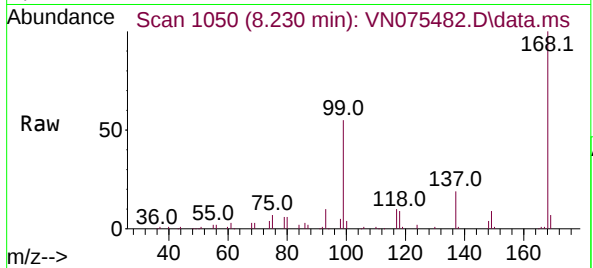




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

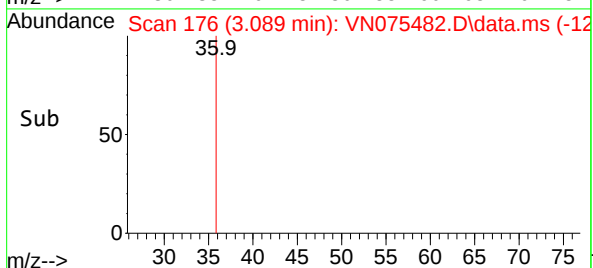
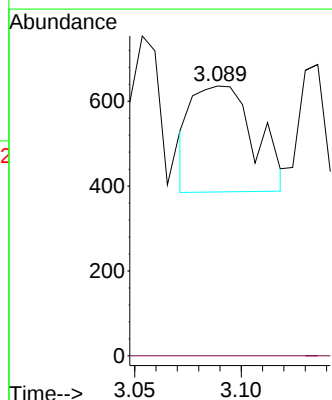
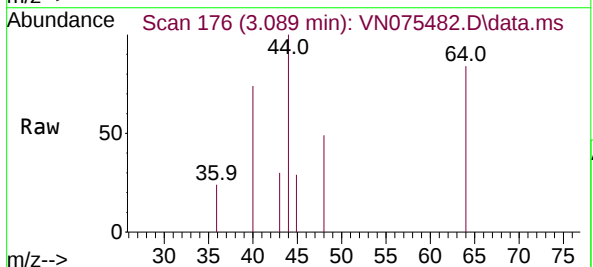
Instrument :
MSVOA_N
ClientSampleId :
WSH-STOCK-1128

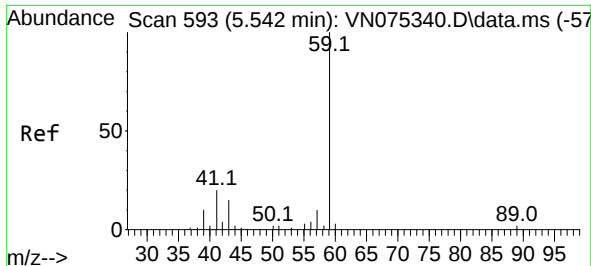
Tgt Ion:168 Resp: 133914
Ion Ratio Lower Upper
168 100
99 55.5 51.6 77.4



#6
Chloroethane
Concen: 0.422 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.018 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

Tgt Ion: 64 Resp: 513
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

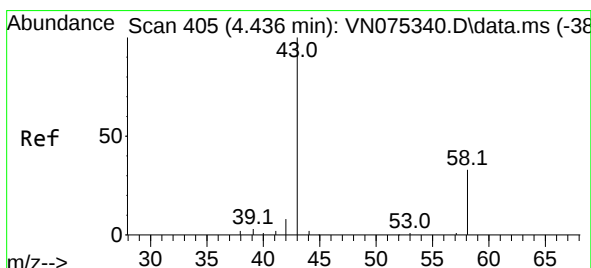
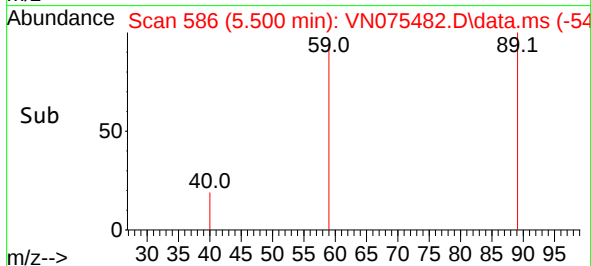
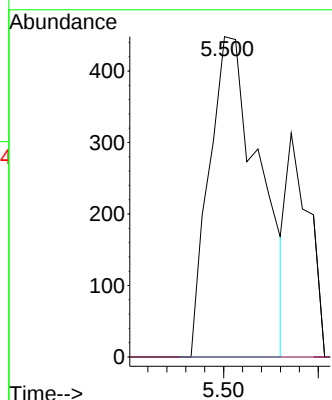
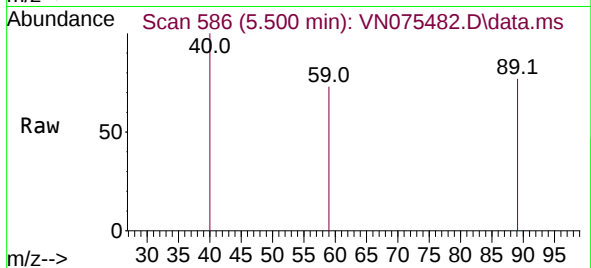




#11
Tert butyl alcohol
Concen: 2.747 ug/l
RT: 5.500 min Scan# 51
Delta R.T. -0.042 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

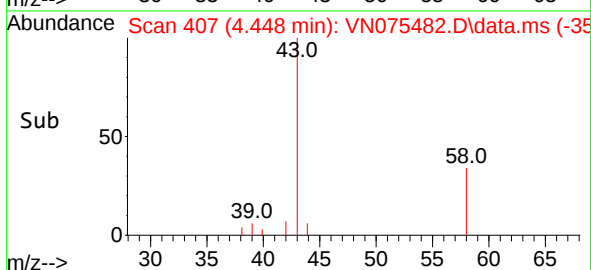
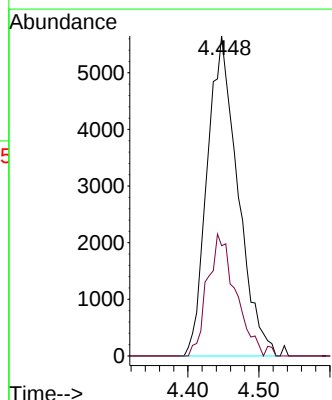
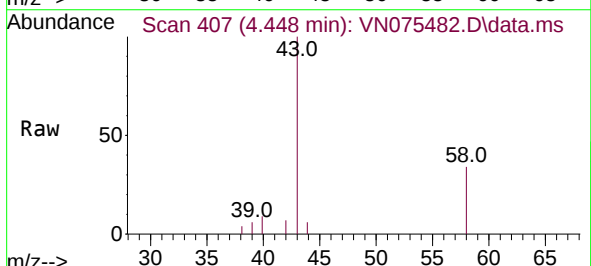
Instrument :
MSVOA_N
ClientSampleId :
WSH-STOCK-1128

Tgt Ion: 59 Resp: 829
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 25.235 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

Tgt Ion: 43 Resp: 16920
Ion Ratio Lower Upper
43 100
58 34.5 25.5 38.3

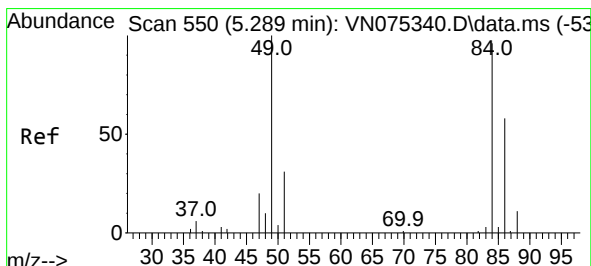
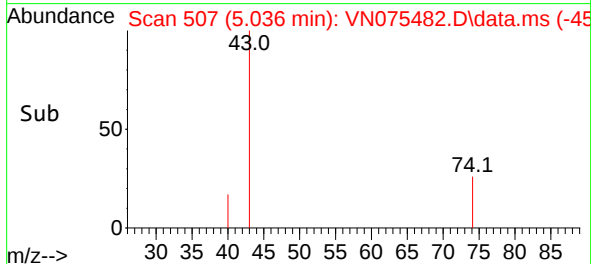
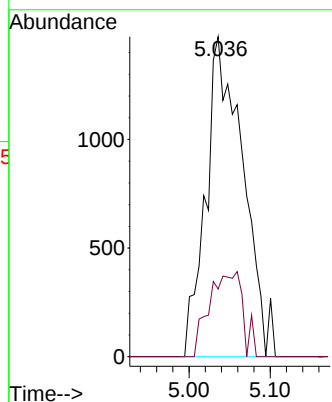
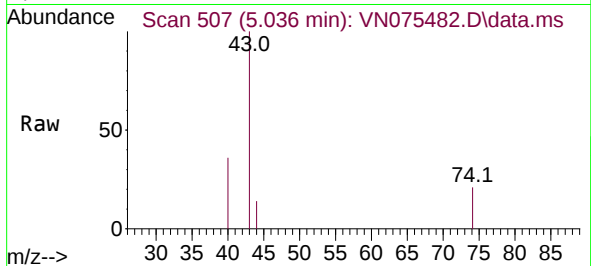




#18
Methyl Acetate
Concen: 1.503 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

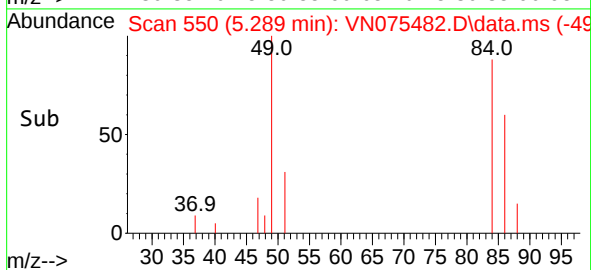
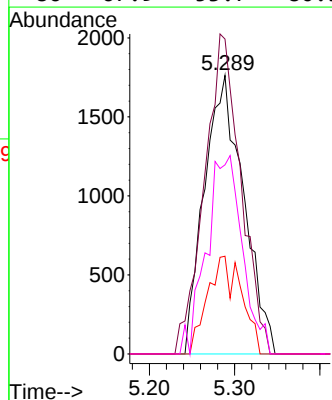
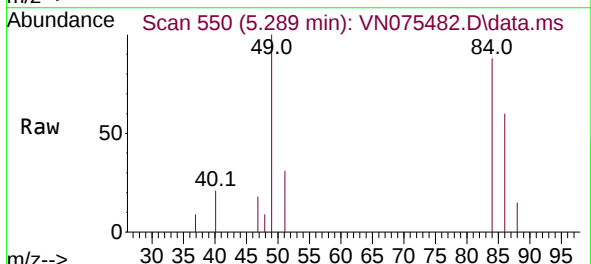
Instrument :
MSVOA_N
ClientSampleId :
WSH-STOCK-1128

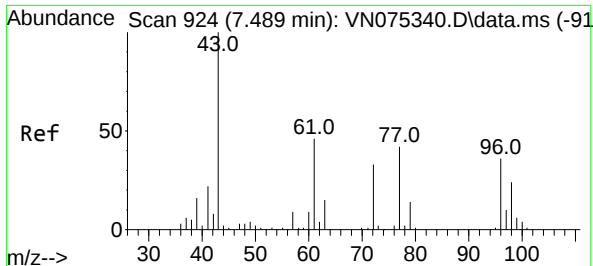
Tgt Ion: 43 Resp: 4664
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 2.937 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

Tgt Ion: 84 Resp: 5630
Ion Ratio Lower Upper
84 100
49 113.0 94.9 142.3
51 35.1 26.8 40.2
86 67.9 53.7 80.5





#25

2-Butanone

Concen: 0.798 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN075482.D

Acq: 29 Nov 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

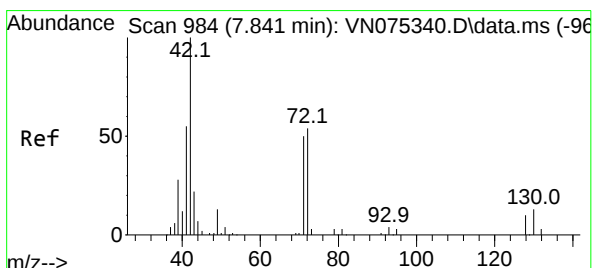
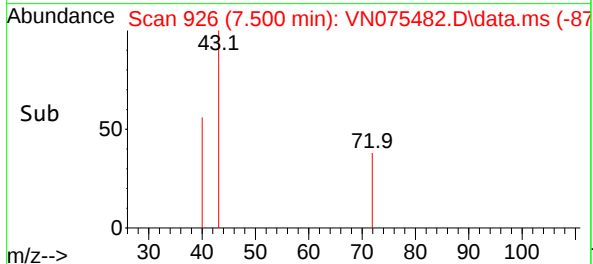
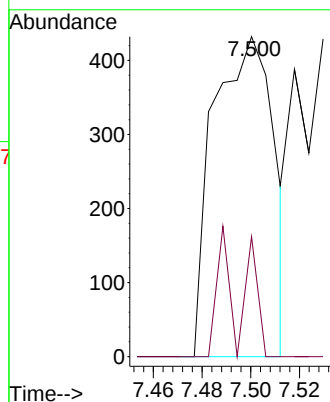
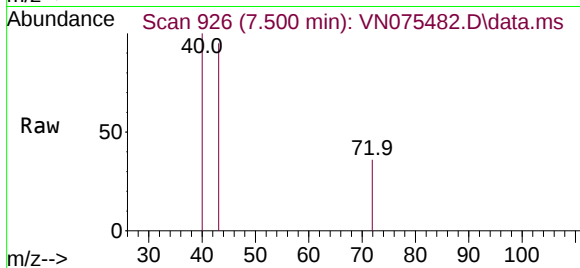
WSH-STOCK-1128

Tgt Ion: 43 Resp: 747

Ion Ratio Lower Upper

43 100

72 37.5 25.5 38.3



#29

Tetrahydrofuran

Concen: 1.438 ug/l

RT: 7.559 min Scan# 936

Delta R.T. -0.282 min

Lab File: VN075482.D

Acq: 29 Nov 2022 17:38

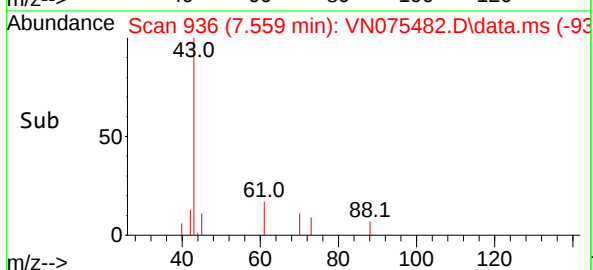
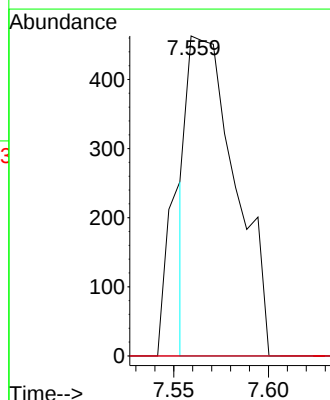
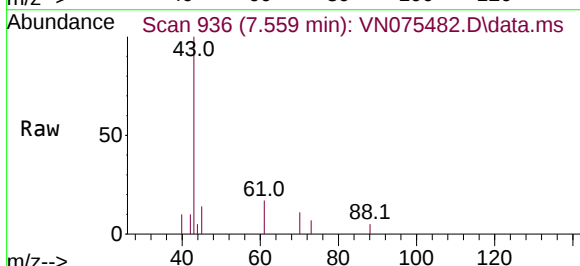
Tgt Ion: 42 Resp: 819

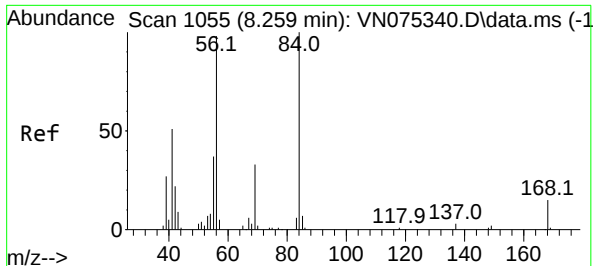
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.6#

71 0.0 39.9 59.9#





#31

Cyclohexane

Concen: 1.144 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.029 min

Lab File: VN075482.D

Acq: 29 Nov 2022 17:38

Instrument :

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ClientSampleId :

WSH-STOCK-1128

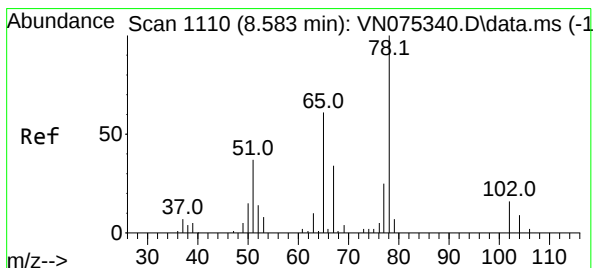
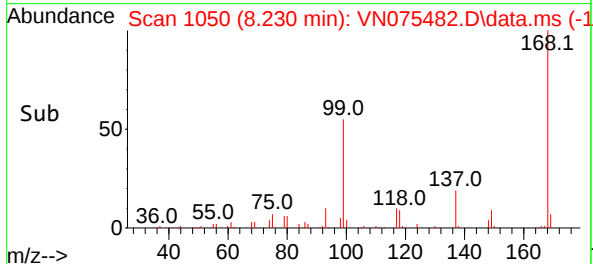
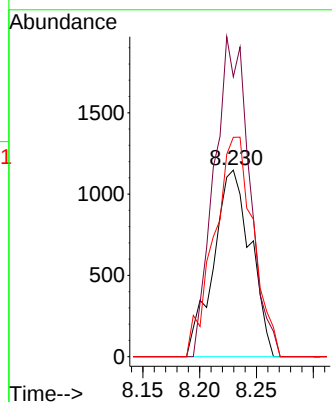
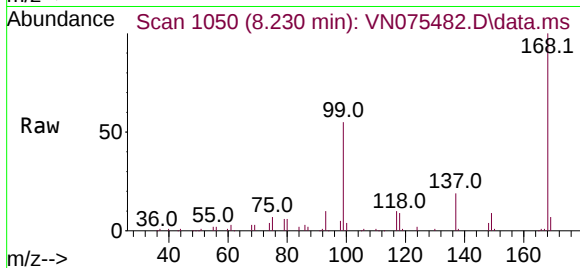
Tgt Ion: 56 Resp: 2612

Ion Ratio Lower Upper

56 100

69 150.0 25.2 37.8#

84 117.6 77.8 116.8#



#33

1,2-Dichloroethane-d4

Concen: 60.437 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075482.D

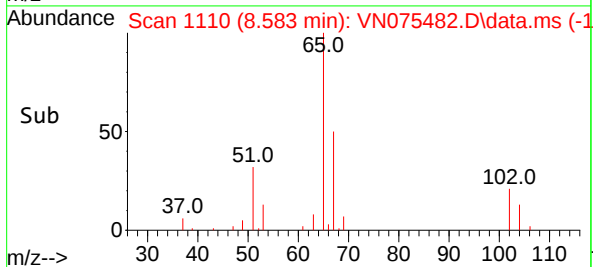
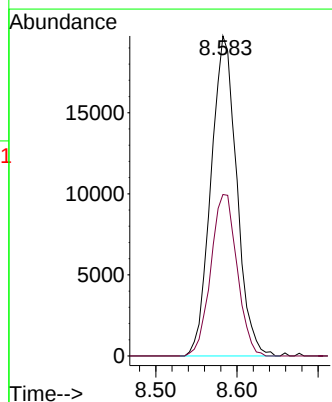
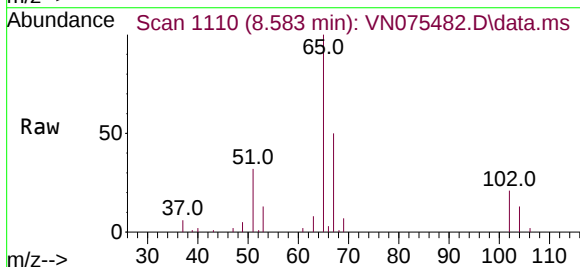
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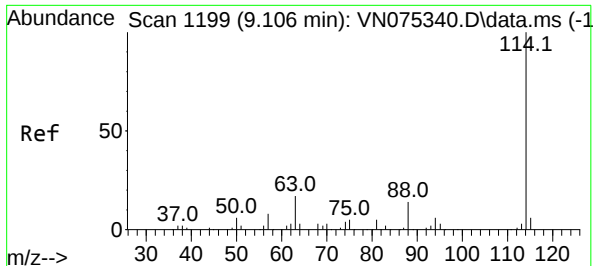
Tgt Ion: 65 Resp: 43444

Ion Ratio Lower Upper

65 100

67 51.5 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: VN075482.D

Acq: 29 Nov 2022 17:38

Instrument :

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ClientSampleId :

WSH-STOCK-1128

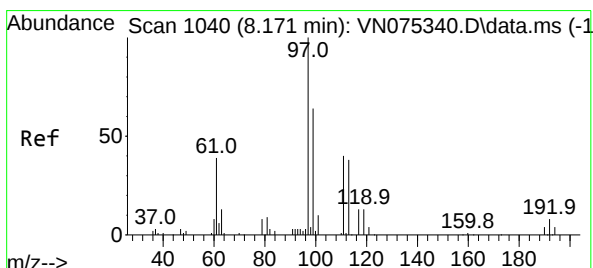
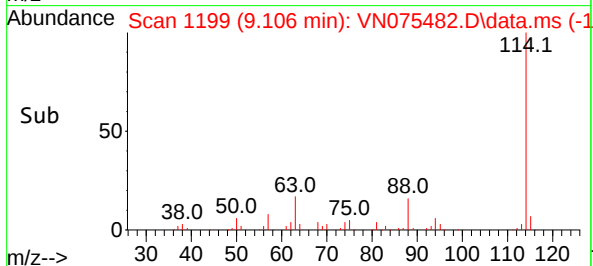
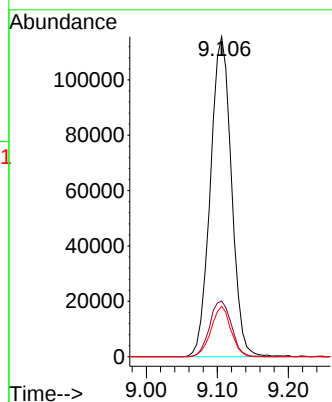
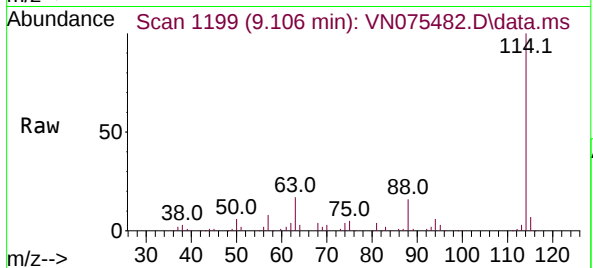
Tgt Ion:114 Resp: 237748

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 15.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.008 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075482.D

Acq: 29 Nov 2022 17:38

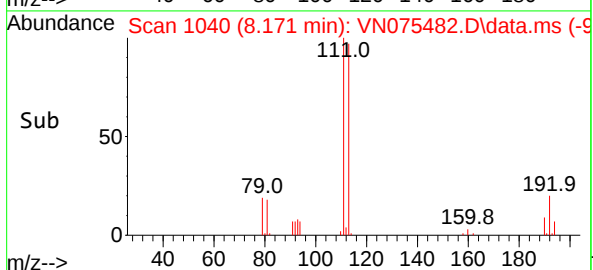
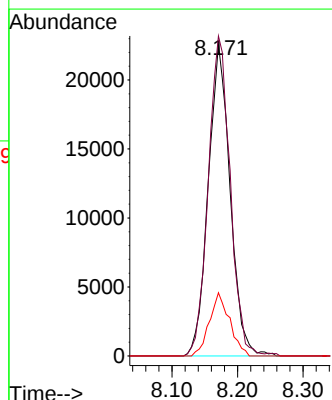
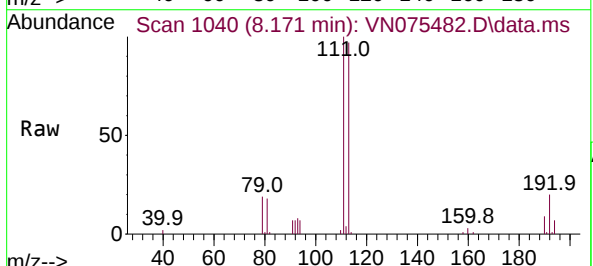
Tgt Ion:113 Resp: 52309

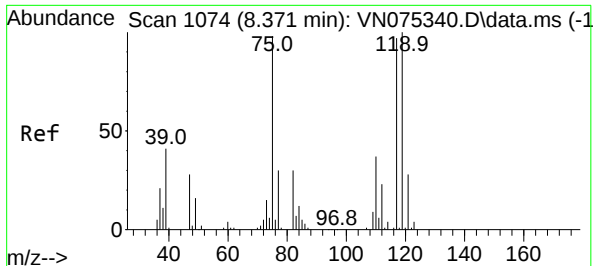
Ion Ratio Lower Upper

113 100

111 102.6 80.5 120.7

192 18.8 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.712 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075482.D

Acq: 29 Nov 2022 17:38

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WSH-STOCK-1128

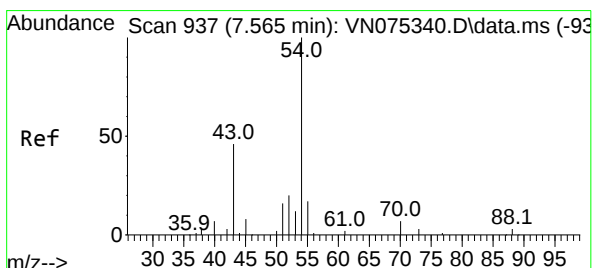
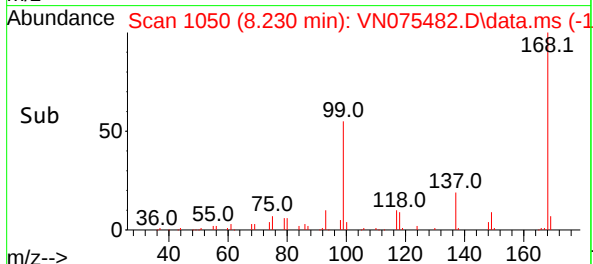
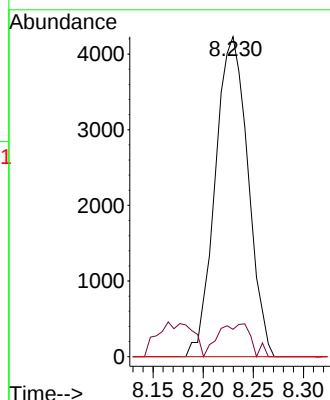
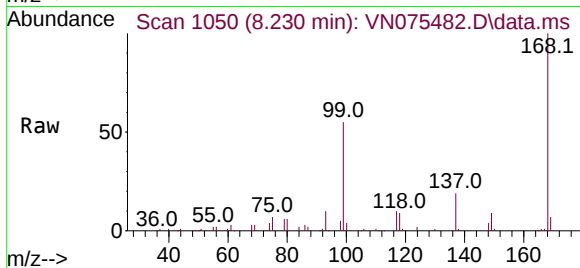
Tgt Ion: 75 Resp: 9598

Ion Ratio Lower Upper

75 100

110 10.4 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 8.037 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075482.D

Acq: 29 Nov 2022 17:38

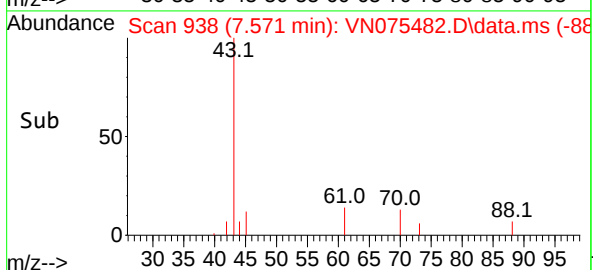
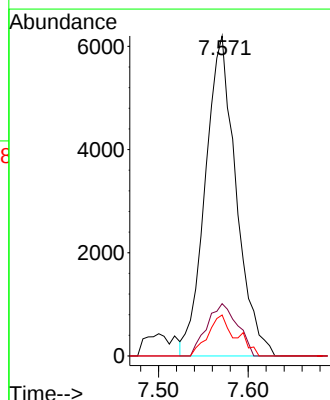
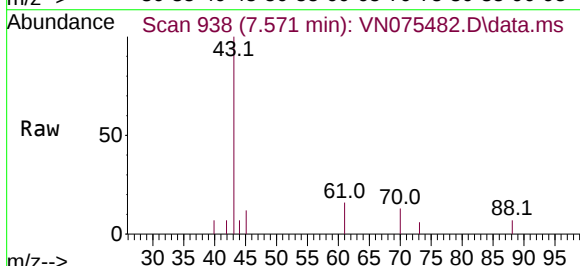
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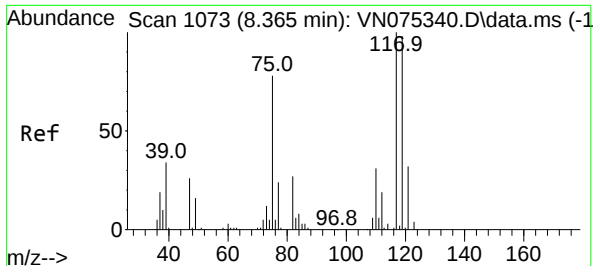
Ion Ratio Lower Upper

43 100

61 16.2 12.2 18.4

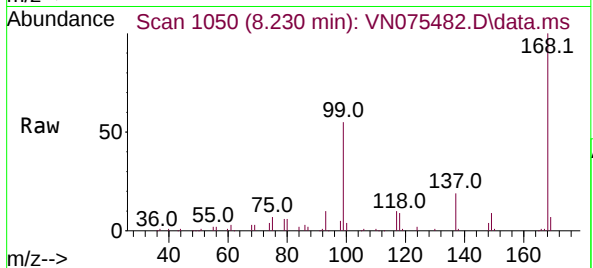
70 11.5 9.4 14.2



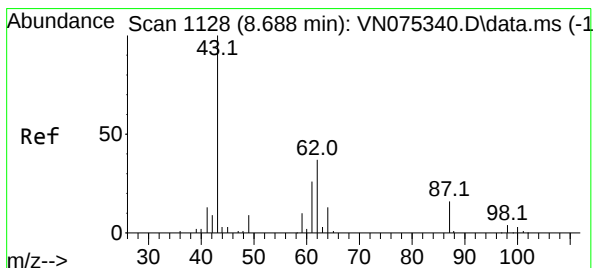
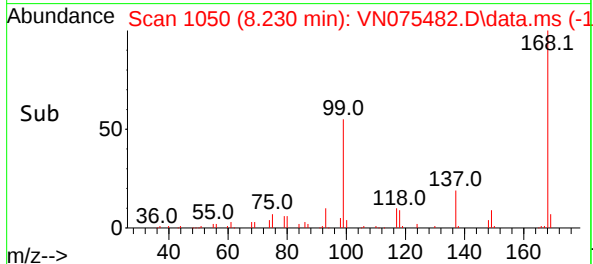
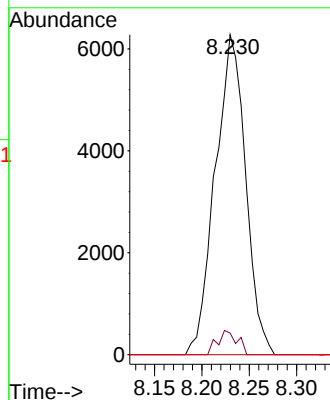


#38
Carbon Tetrachloride
Concen: 6.263 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

Instrument :
MSVOA_N
ClientSampleId :
WSH-STOCK-1128

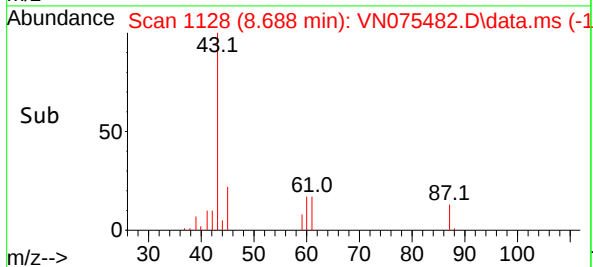
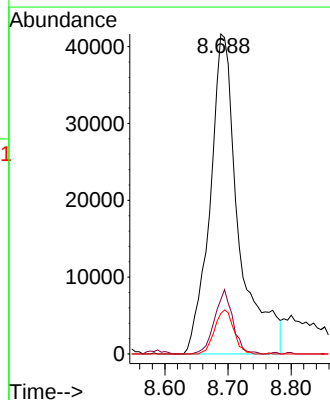
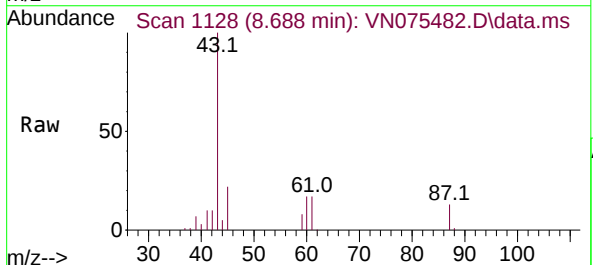


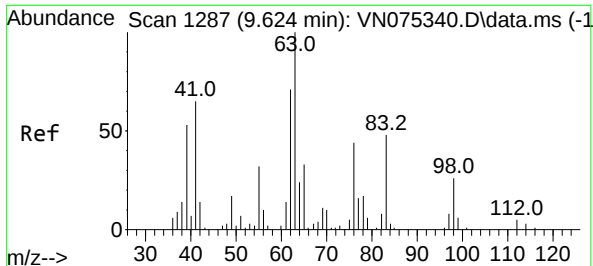
Tgt Ion:117 Resp: 14013
Ion Ratio Lower Upper
117 100
119 6.8 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 44.563 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

Tgt Ion: 43 Resp: 131181
Ion Ratio Lower Upper
43 100
61 12.8 22.4 33.6#
87 9.2 12.5 18.7#





#45

1,2-Dichloropropane

Concen: 0.515 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN075482.D

Acq: 29 Nov 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

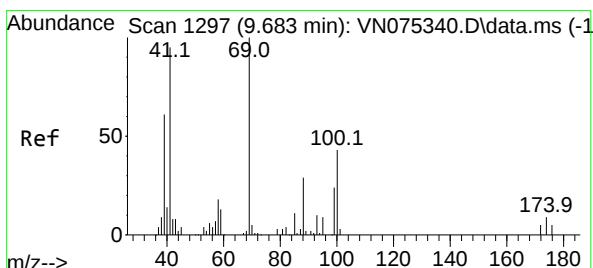
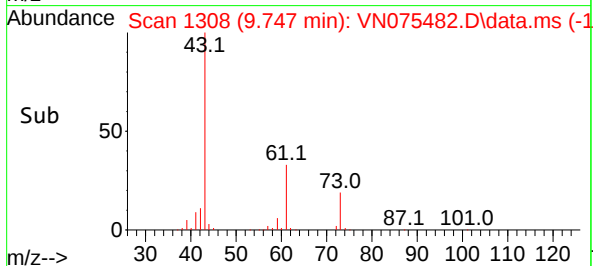
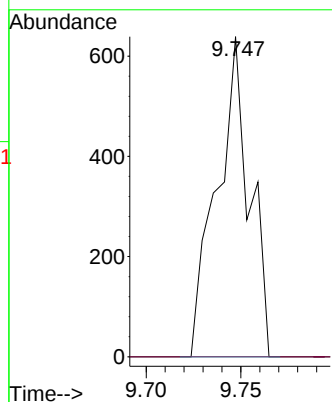
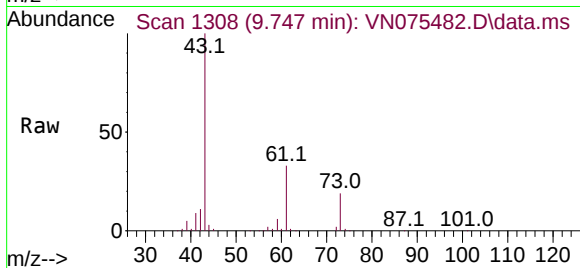
WSH-STOCK-1128

Tgt Ion: 63 Resp: 766

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 1.436 ug/l

RT: 9.653 min Scan# 1292

Delta R.T. -0.030 min

Lab File: VN075482.D

Acq: 29 Nov 2022 17:38

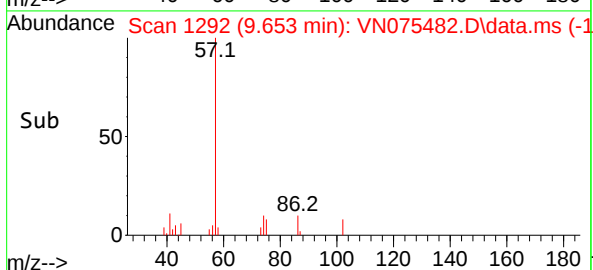
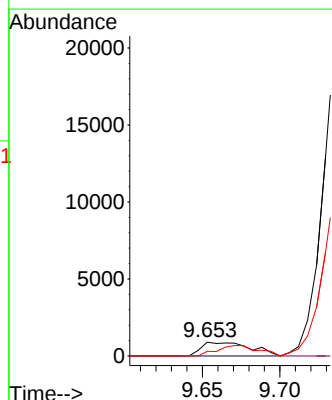
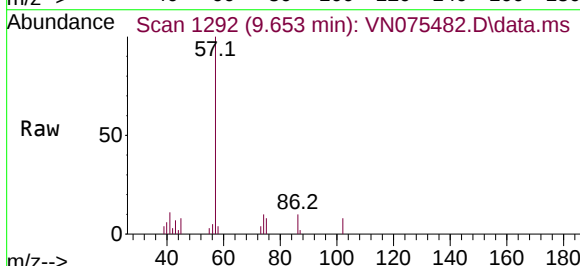
Tgt Ion: 41 Resp: 1954

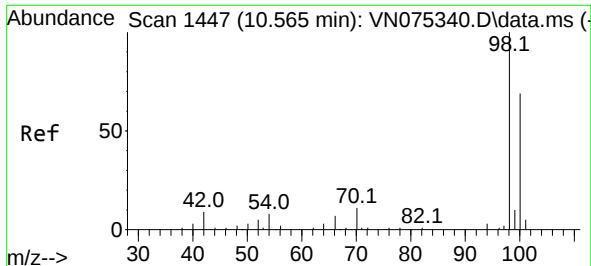
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 63.6 56.2 84.2

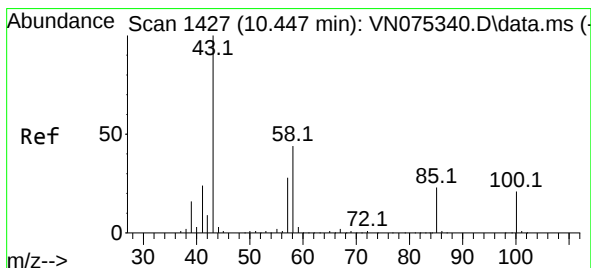
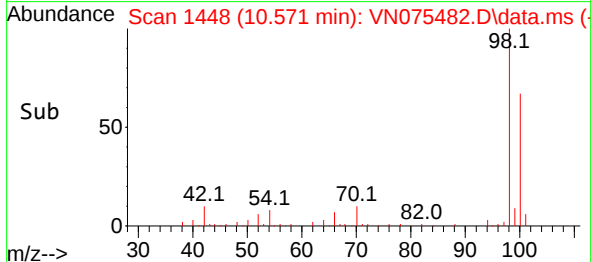
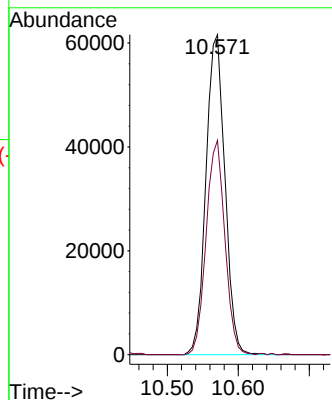
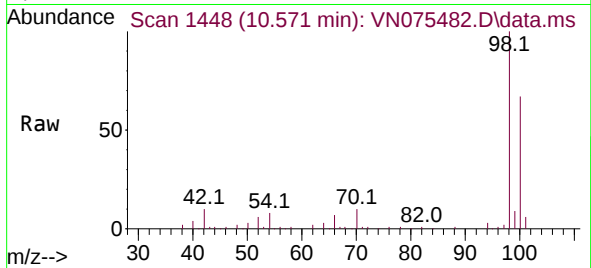




#50
Toluene-d8
Concen: 54.307 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

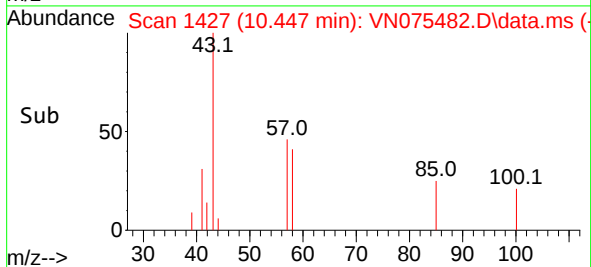
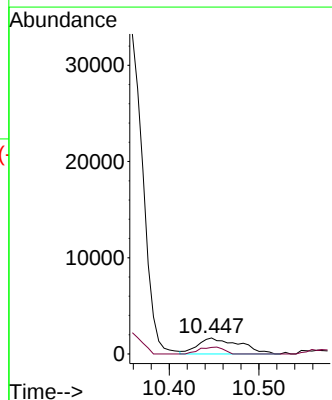
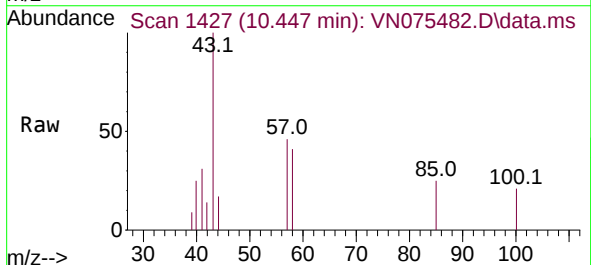
Instrument :
MSVOA_N
ClientSampleId :
WSH-STOCK-1128

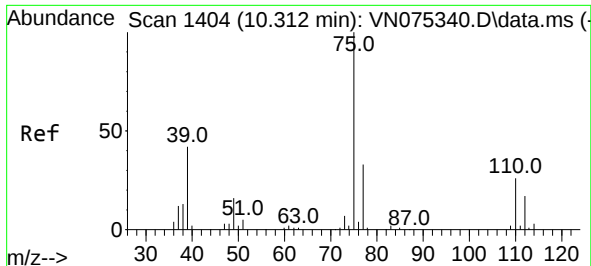
Tgt Ion: 98 Resp: 114237
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 2.877 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

Tgt Ion: 43 Resp: 5394
Ion Ratio Lower Upper
43 100
58 24.9 33.6 50.4#

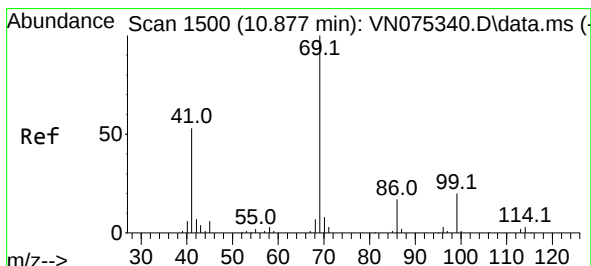
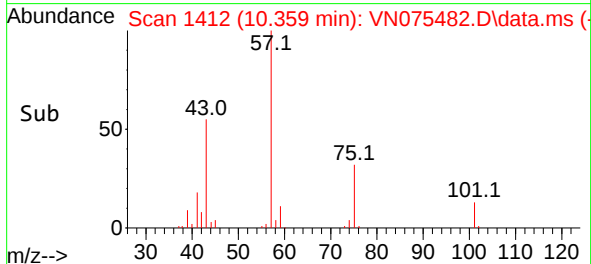
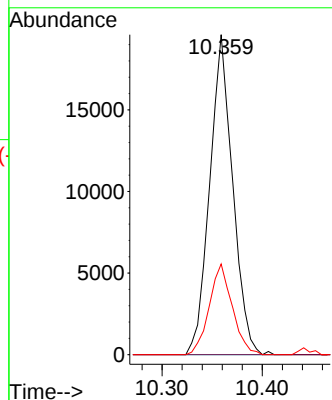
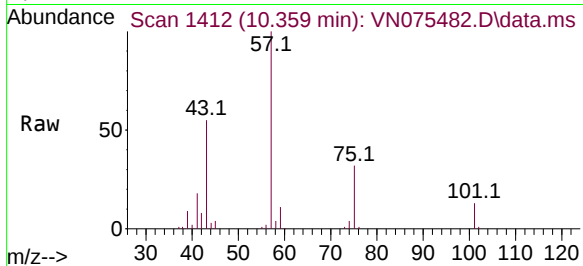




#54
 cis-1,3-Dichloropropene
 Concen: 13.150 ug/l
 RT: 10.359 min Scan# 1412
 Delta R.T. 0.047 min
 Lab File: VN075482.D
 Acq: 29 Nov 2022 17:38

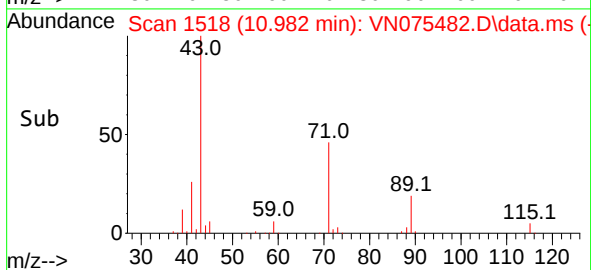
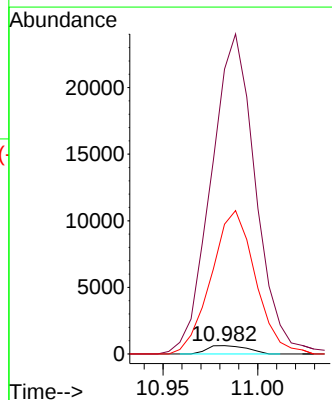
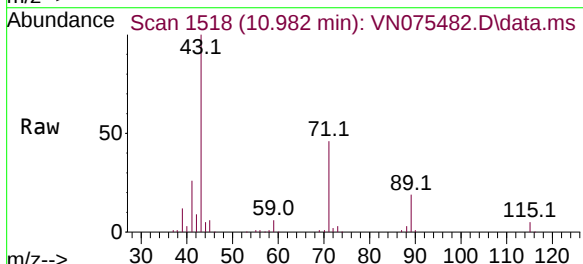
Instrument :
 MSVOA_N
 ClientSampleId :
 WSH-STOCK-1128

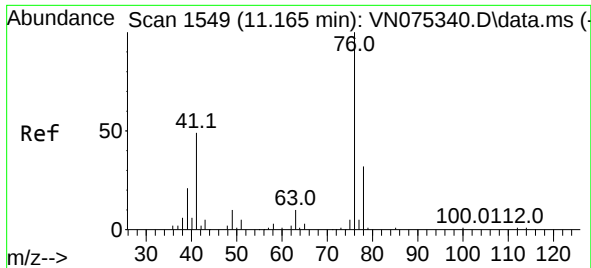
Tgt Ion: 75 Resp: 31210
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 28.3 35.8 53.6#



#56
 Ethyl methacrylate
 Concen: 0.416 ug/l
 RT: 10.982 min Scan# 1518
 Delta R.T. 0.105 min
 Lab File: VN075482.D
 Acq: 29 Nov 2022 17:38

Tgt Ion: 69 Resp: 920
 Ion Ratio Lower Upper
 69 100
 41 4302.7 45.6 68.4#
 39 1901.1 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.231 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. 0.035 min

Lab File: VN075482.D

Acq: 29 Nov 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

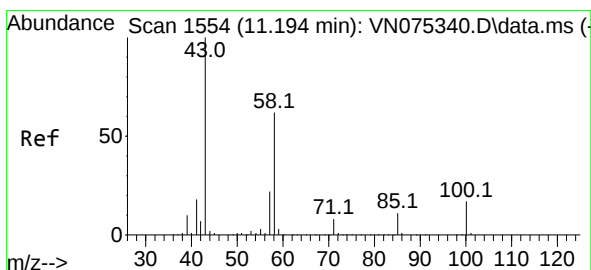
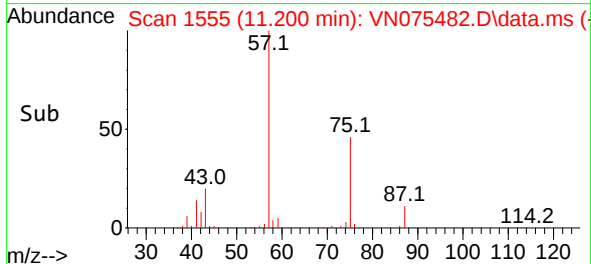
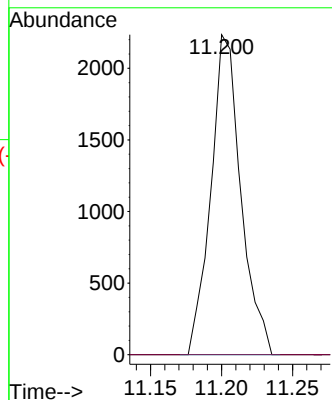
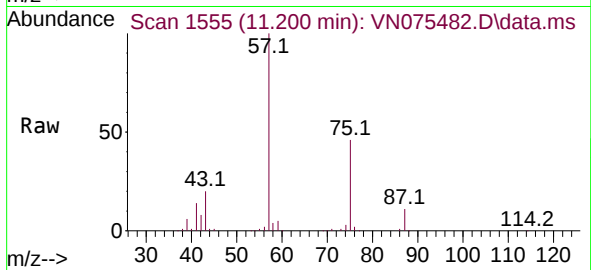
WSH-STOCK-1128

Tgt Ion: 76 Resp: 3284

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 51.313 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. -0.023 min

Lab File: VN075482.D

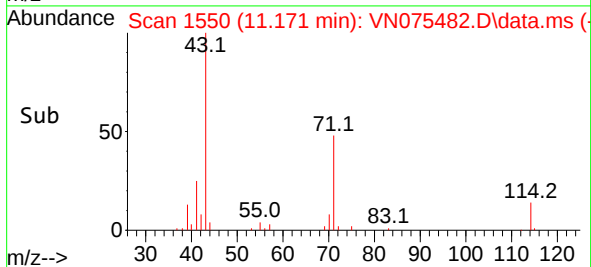
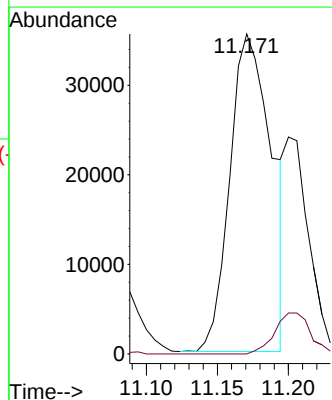
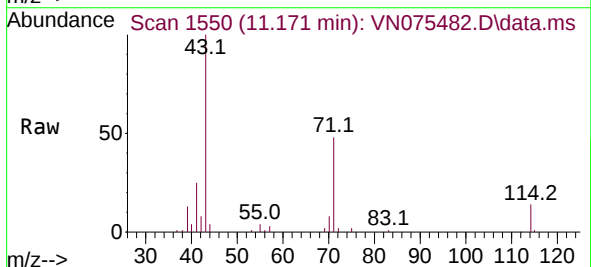
Acq: 29 Nov 2022 17:38

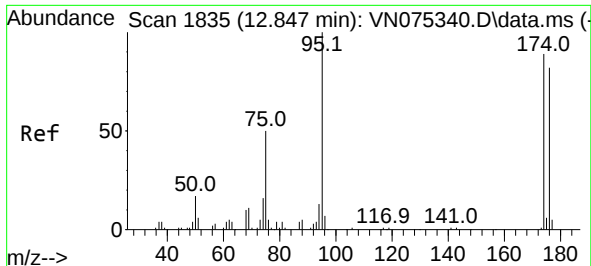
Tgt Ion: 43 Resp: 72242

Ion Ratio Lower Upper

43 100

58 0.0 29.6 88.8#





#62

4-Bromofluorobenzene

Concen: 52.343 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.000 min

Lab File: VN075482.D

Acq: 29 Nov 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

WSH-STOCK-1128

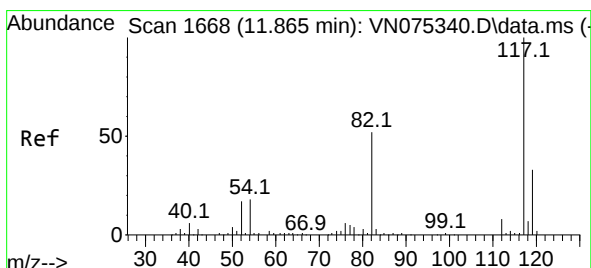
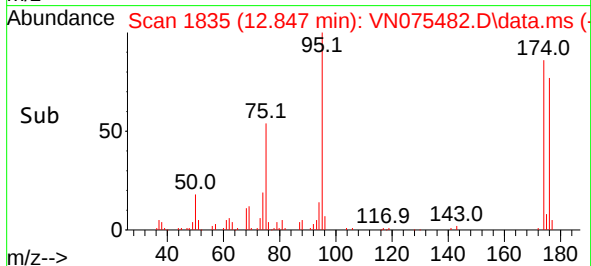
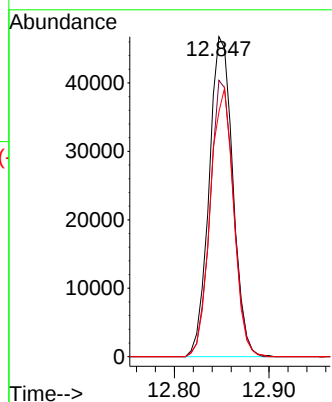
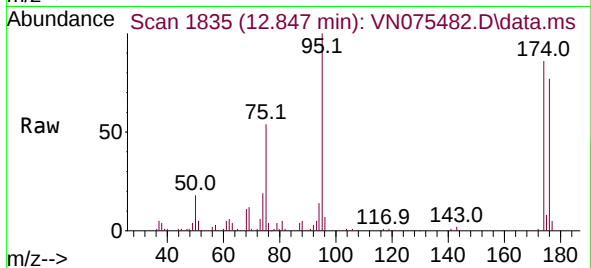
Tgt Ion: 95 Resp: 81269

Ion Ratio Lower Upper

95 100

174 85.1 0.0 147.4

176 82.2 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VN075482.D

Acq: 29 Nov 2022 17:38

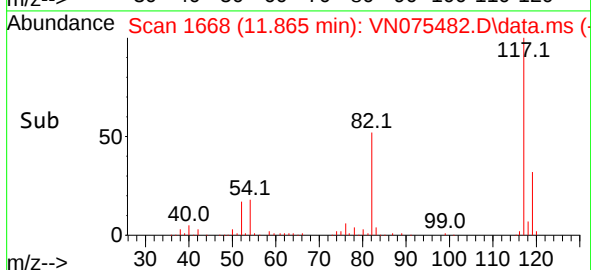
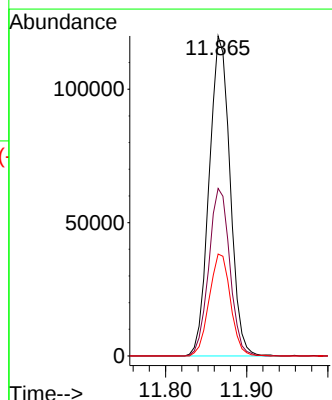
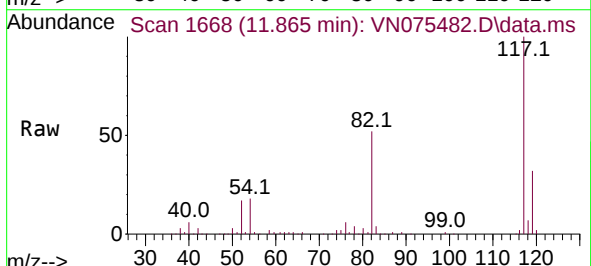
Tgt Ion: 117 Resp: 214152

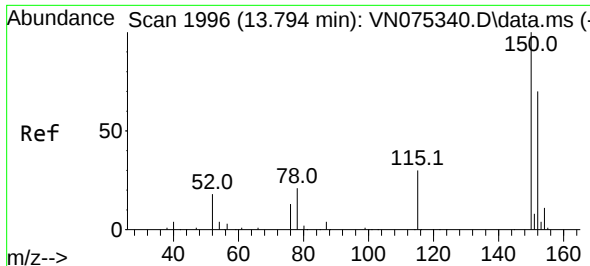
Ion Ratio Lower Upper

117 100

82 52.3 43.1 64.7

119 31.8 25.5 38.3

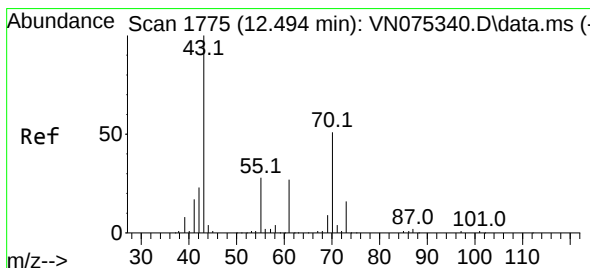
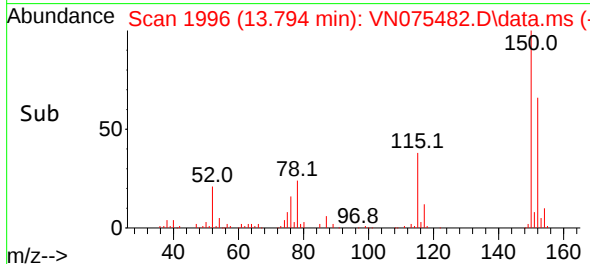
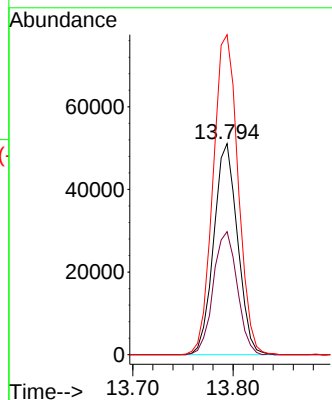
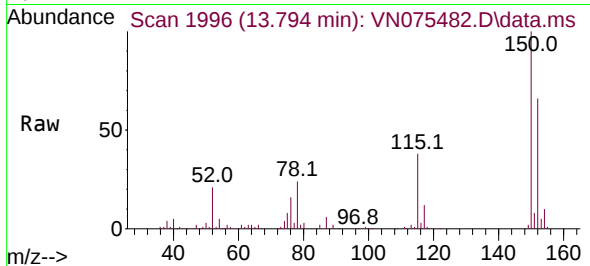




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

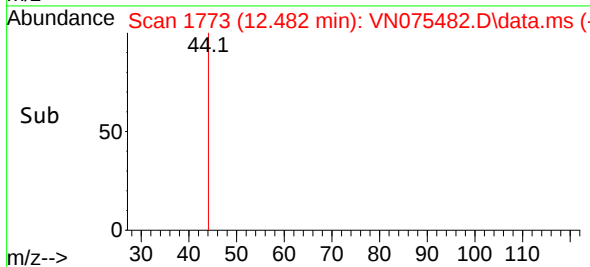
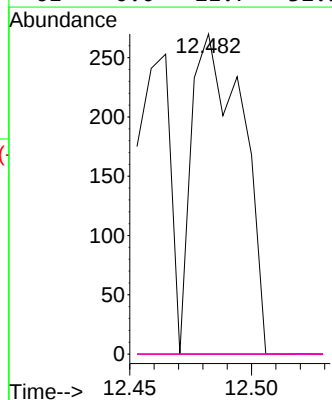
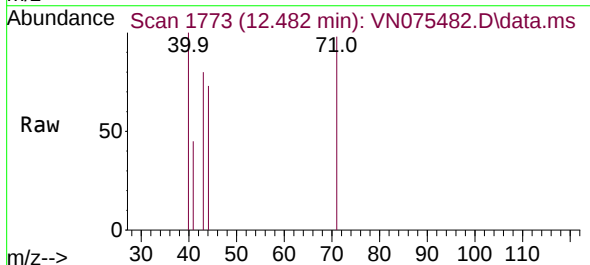
Instrument :
MSVOA_N
ClientSampleId :
WSH-STOCK-1128

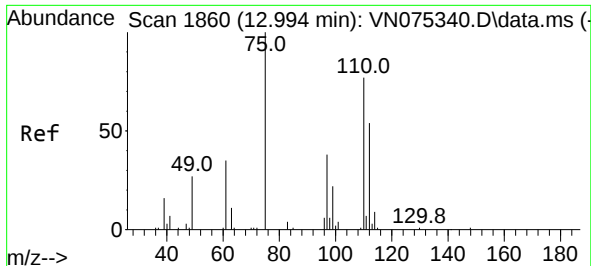
Tgt Ion:152 Resp: 84148
Ion Ratio Lower Upper
152 100
115 58.8 30.2 90.6
150 159.4 0.0 348.4



#74
N-ethyl acetate
Concen: 0.206 ug/l
RT: 12.482 min Scan# 1773
Delta R.T. -0.012 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

Tgt Ion: 43 Resp: 390
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#

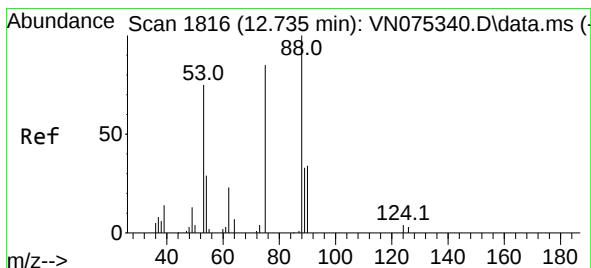
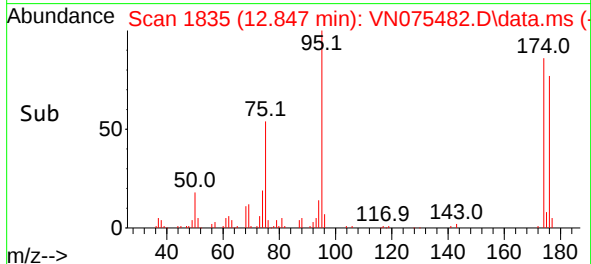
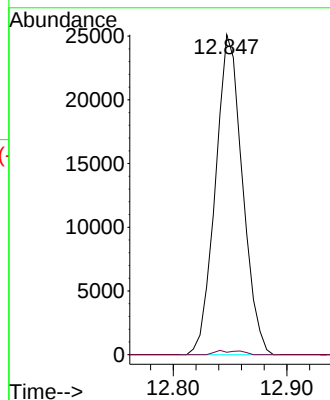
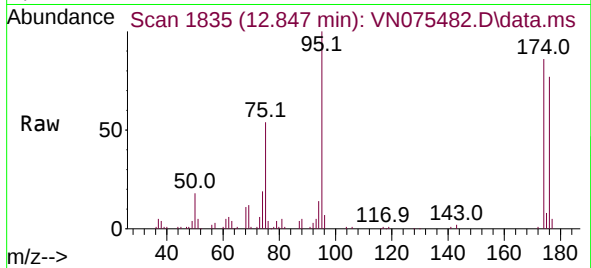




#76
1,2,3-Trichloropropane
Concen: 26.112 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

Instrument :
MSVOA_N
ClientSampleId :
WSH-STOCK-1128

Tgt Ion: 75 Resp: 41544
Ion Ratio Lower Upper
75 100
77 1.2 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.258 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075482.D
Acq: 29 Nov 2022 17:38

Tgt Ion: 75 Resp: 41544
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

