

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026665.D
 Acq On : 28 Jan 2022 20:36
 Operator : JC/MD
 Sample : N1319-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-1D

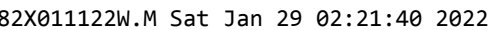
Quant Time: Jan 29 02:21:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	128806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83977	46.671	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.340%		
35) Dibromofluoromethane	5.391	113	69048	48.390	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	8.653	98	253470	49.295	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.580%		
62) 4-Bromofluorobenzene	11.079	95	87635	47.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.960%		
Target Compounds					Qvalue	
6) Chloroethane	1.691	64	260	0.351	ug/l #	43
11) Tert butyl alcohol	2.953	59	586	2.341	ug/l #	75
16) Acetone	2.386	43	13061	14.234	ug/l	99
18) Methyl Acetate	2.709	43	920	0.504	ug/l #	70
20) Methylene Chloride	2.794	84	1380	0.910	ug/l #	96
25) 2-Butanone	4.574	43	2596	2.175	ug/l	95
31) Cyclohexane	5.556	56	2549	0.960	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10121	4.493	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13372	5.771	ug/l #	16
43) Isopropyl Acetate	6.348	43	11939	3.244	ug/l	99
48) Methyl methacrylate	7.604	41	3154	1.729	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	42966	19.680	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	19861	8.354	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	11493	4.449	ug/l #	43
59) 2-Hexanone	9.482	43	158951	95.125	ug/l #	52
68) m/p-Xylenes	10.305	106	1338	0.496	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	43695	24.790	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	43695	75.393	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1366	0.252	ug/l	97
85) sec-Butylbenzene	11.756	105	1366	0.209	ug/l #	56
90) Hexachloroethane	12.695	117	21	2.199	ug/l #	14

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

Quant Time: Jan 29 02:21:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

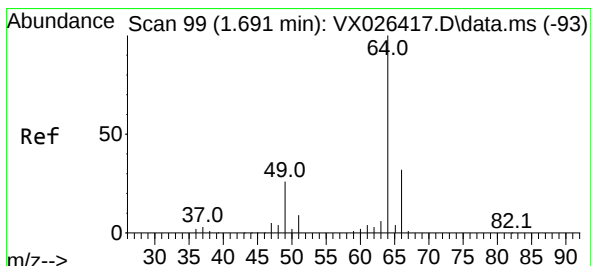
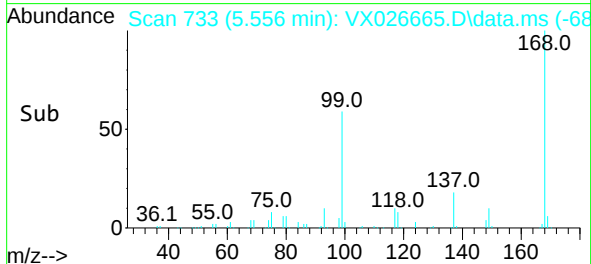
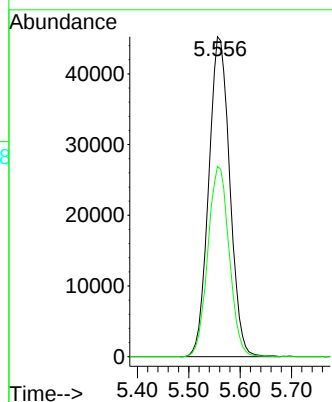
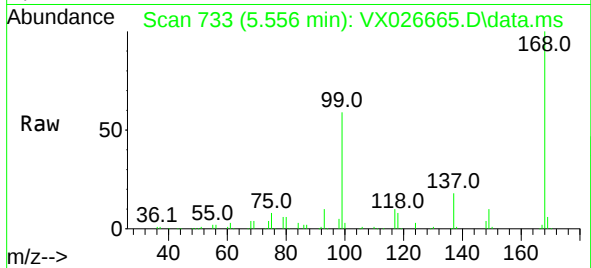




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

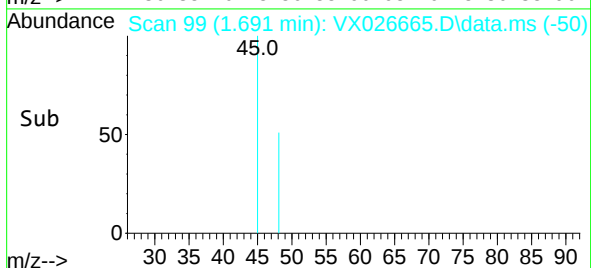
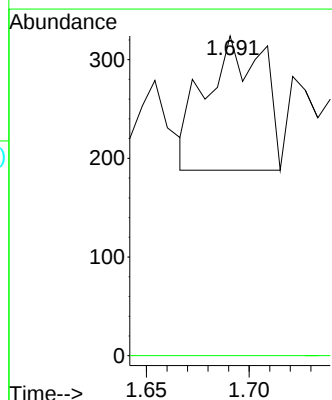
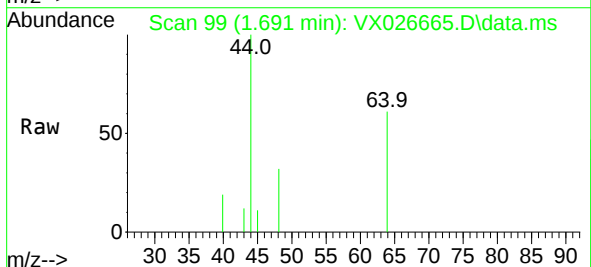
Instrument :
MSVOA_X
ClientSampleId :
MH-1D

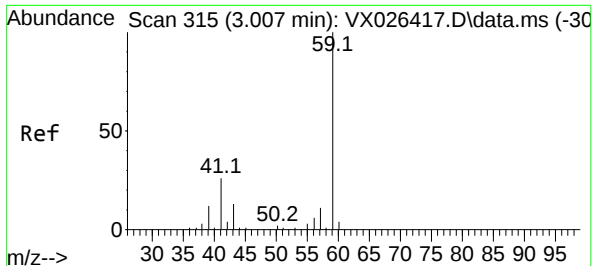
Tgt Ion:168 Resp: 128806
Ion Ratio Lower Upper
168 100
99 59.4 50.3 75.5



#6
Chloroethane
Concen: 0.351 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

Tgt Ion: 64 Resp: 260
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 2.341 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.054 min

Lab File: VX026665.D

Acq: 28 Jan 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :

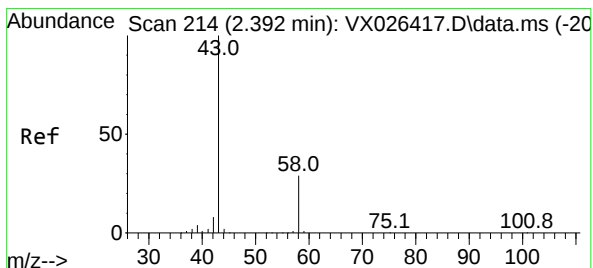
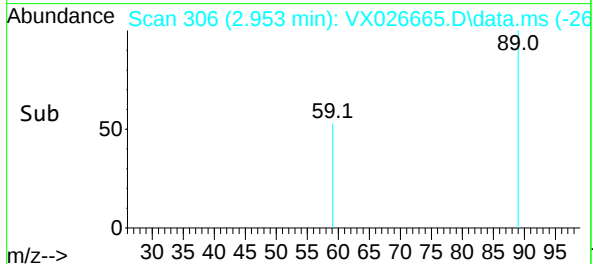
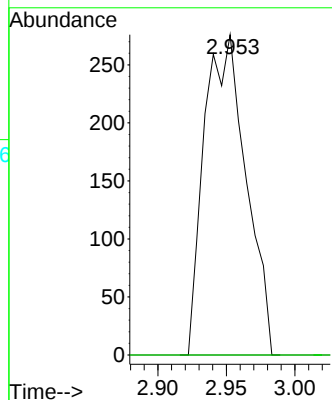
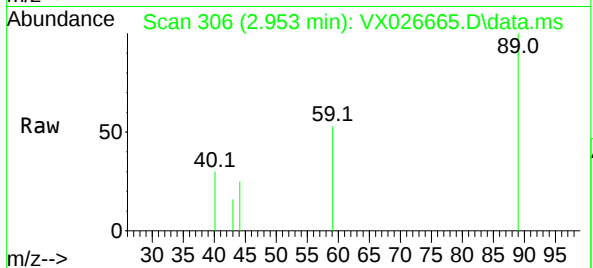
MH-1D

Tgt Ion: 59 Resp: 586

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 14.234 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026665.D

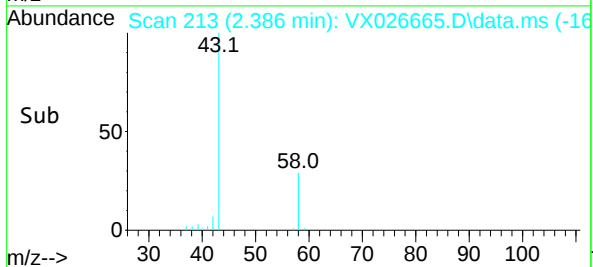
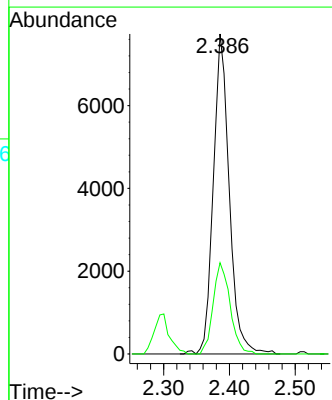
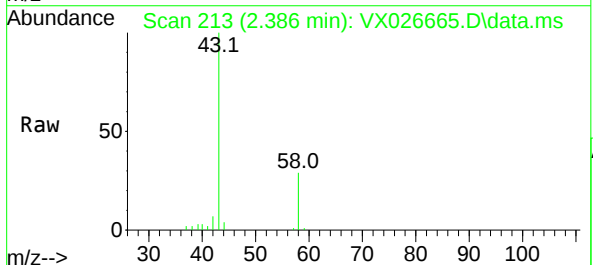
Acq: 28 Jan 2022 20:36

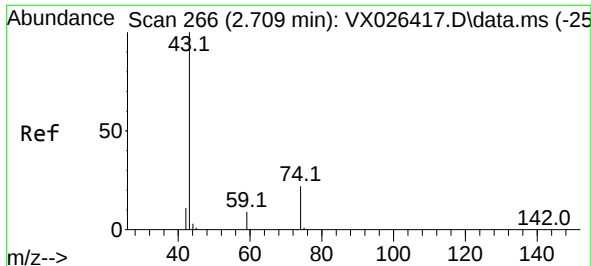
Tgt Ion: 43 Resp: 13061

Ion Ratio Lower Upper

43 100

58 28.5 23.0 34.6

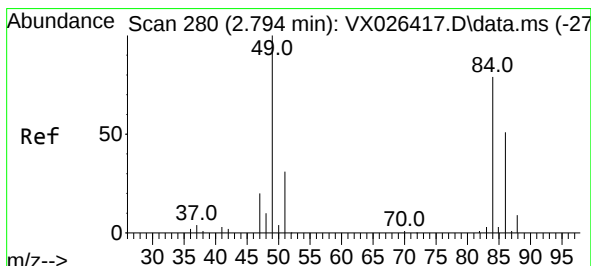
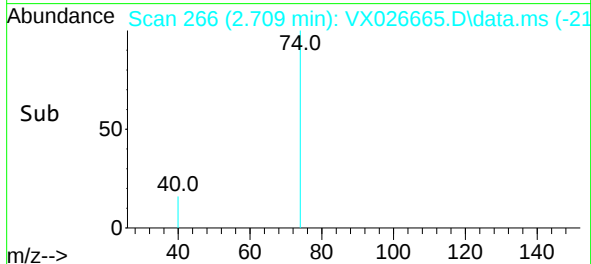
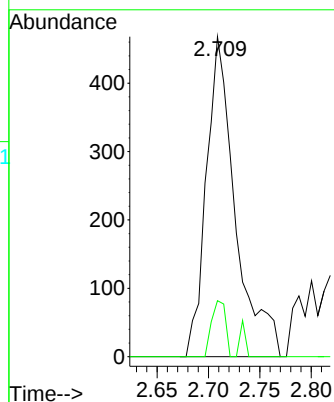
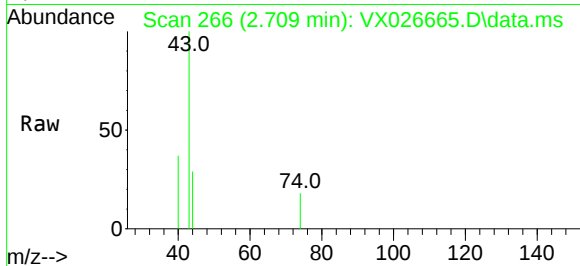




#18
Methyl Acetate
Concen: 0.504 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

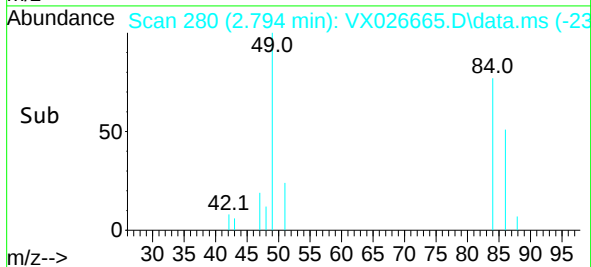
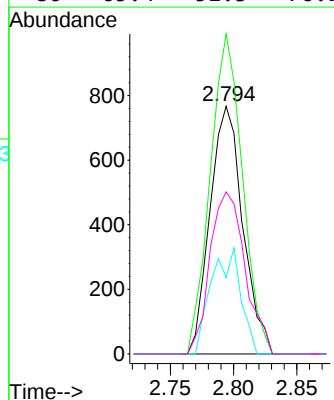
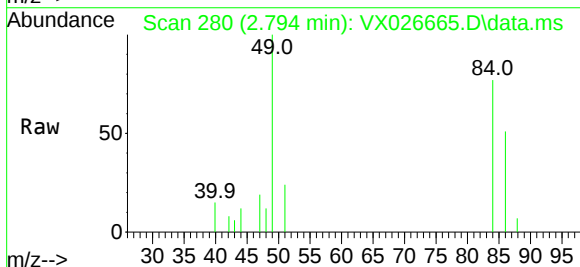
Instrument :
MSVOA_X
ClientSampleId :
MH-1D

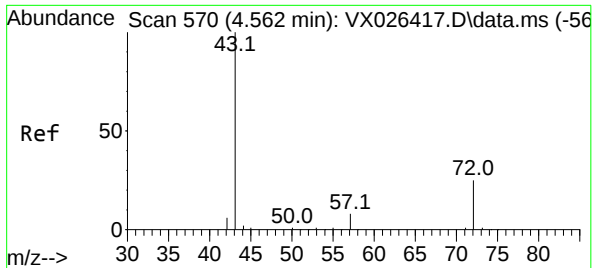
Tgt Ion: 43 Resp: 920
Ion Ratio Lower Upper
43 100
74 8.4 18.3 27.5#



#20
Methylene Chloride
Concen: 0.910 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

Tgt Ion: 84 Resp: 1380
Ion Ratio Lower Upper
84 100
49 129.2 101.5 152.3
51 30.8 31.2 46.8#
86 65.4 51.3 76.9

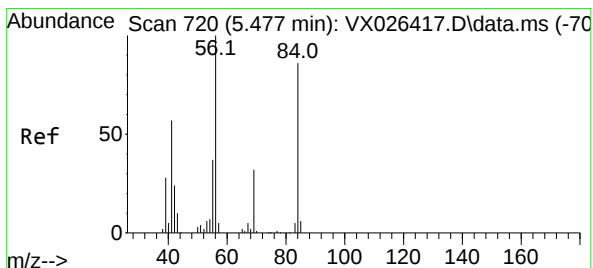
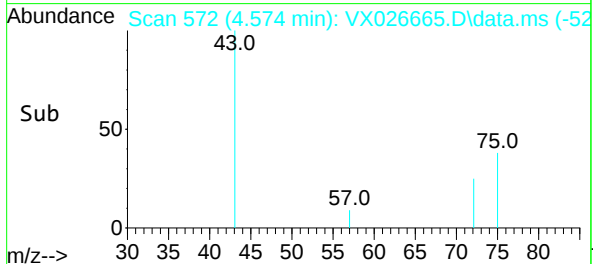
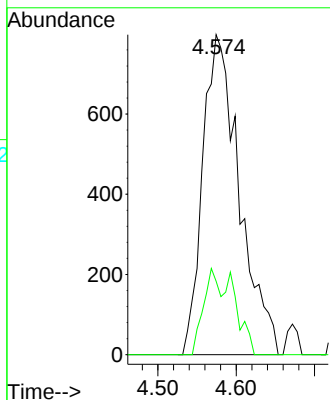
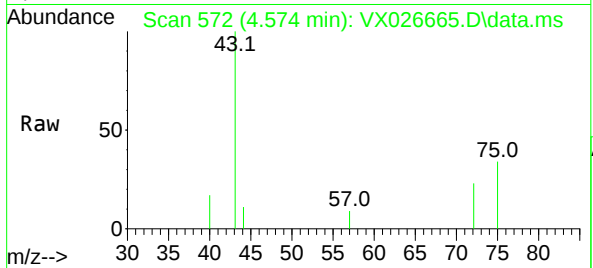




#25
2-Butanone
Concen: 2.175 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

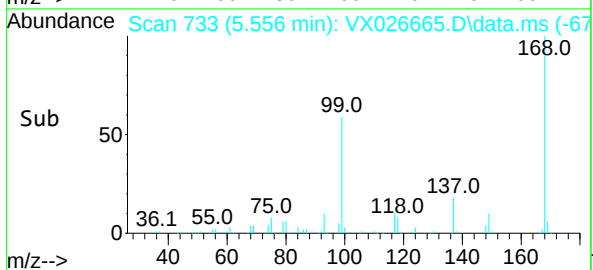
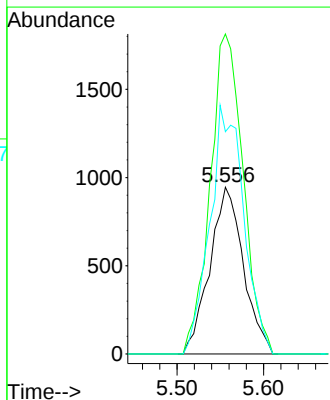
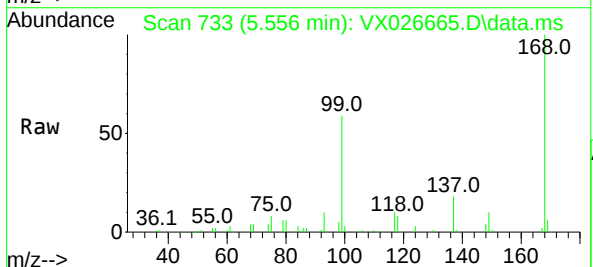
Instrument :
MSVOA_X
ClientSampleId :
MH-1D

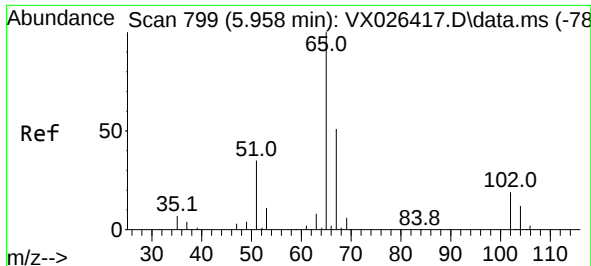
Tgt Ion: 43 Resp: 2596
Ion Ratio Lower Upper
43 100
72 22.9 20.4 30.6



#31
Cyclohexane
Concen: 0.960 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

Tgt Ion: 56 Resp: 2549
Ion Ratio Lower Upper
56 100
69 192.0 25.8 38.6#
84 133.3 68.9 103.3#

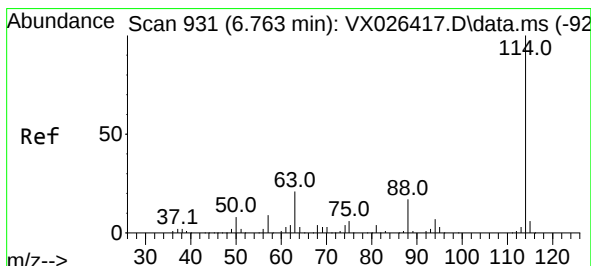
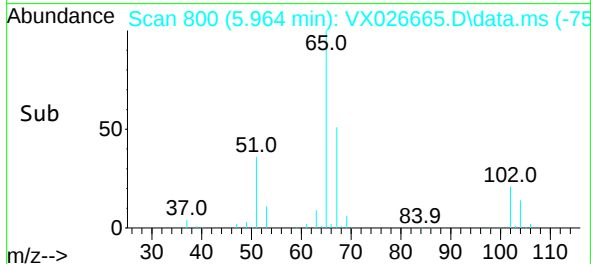
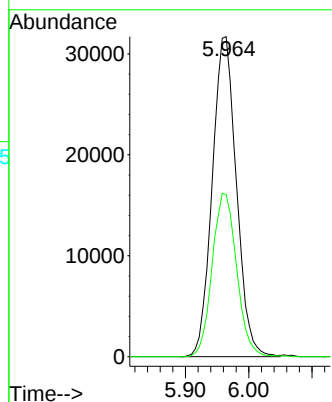
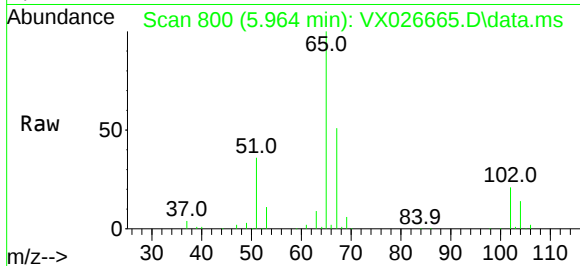




#33
 1,2-Dichloroethane-d4
 Concen: 46.671 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX026665.D
 Acq: 28 Jan 2022 20:36

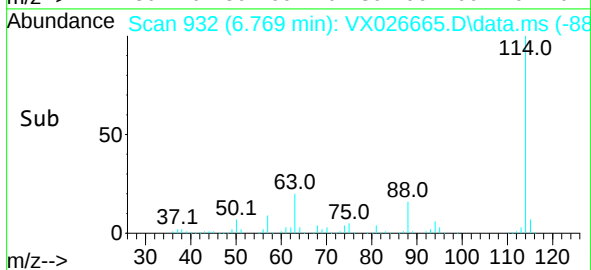
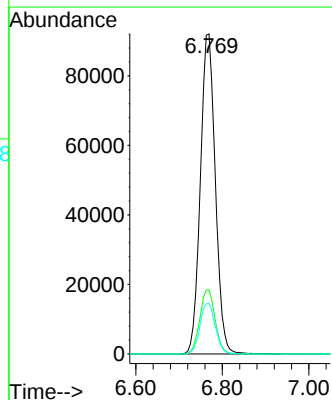
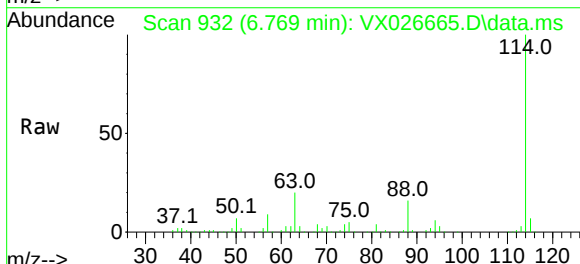
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-1D

Tgt Ion: 65 Resp: 83977
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX026665.D
 Acq: 28 Jan 2022 20:36

Tgt Ion: 114 Resp: 220962
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.8
 88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.390 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026665.D

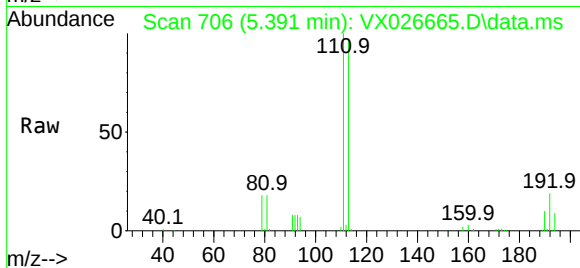
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Instrument :

MSVOA_X

ClientSampleId :

MH-1D



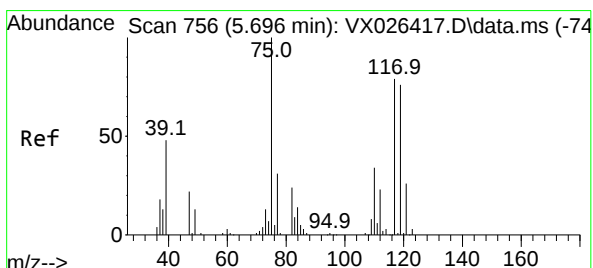
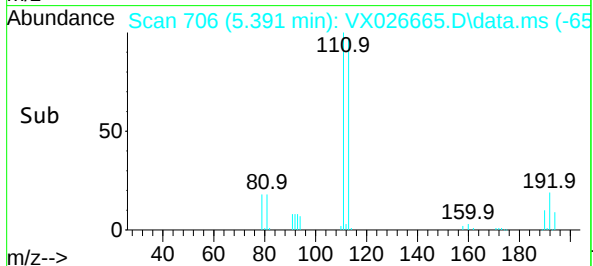
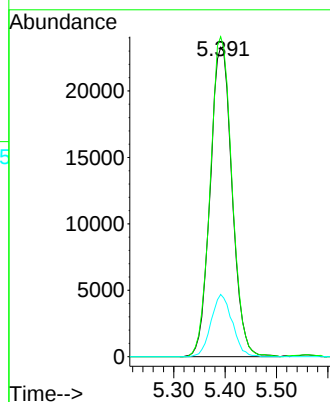
Tgt Ion:113 Resp: 69048

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

192 19.4 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.493 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026665.D

Acq: 28 Jan 2022 20:36

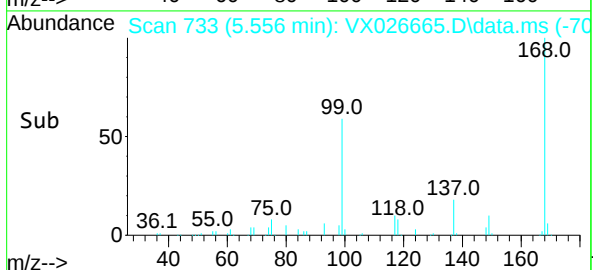
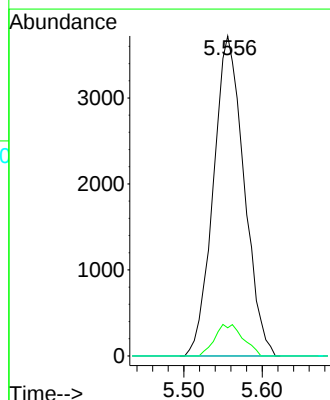
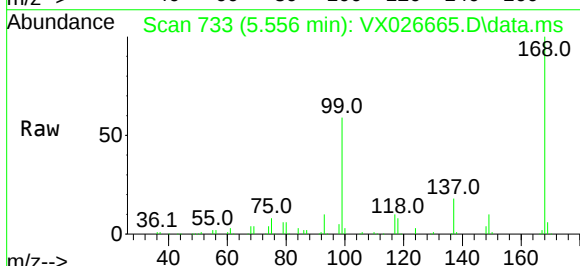
Tgt Ion: 75 Resp: 10121

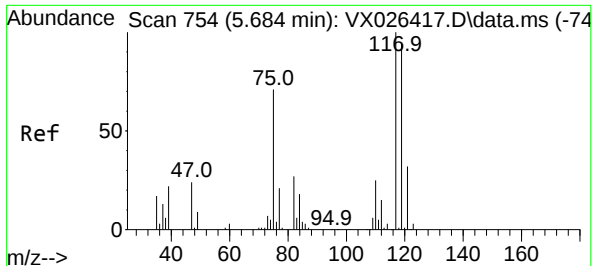
Ion Ratio Lower Upper

75 100

110 9.1 17.2 51.6#

77 0.0 24.6 36.8#

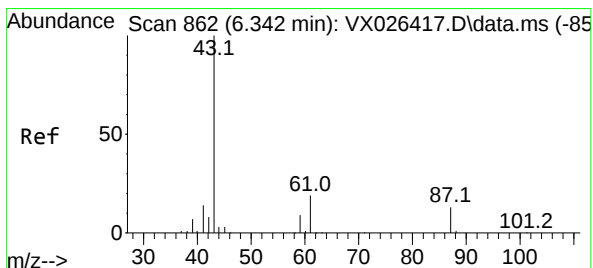
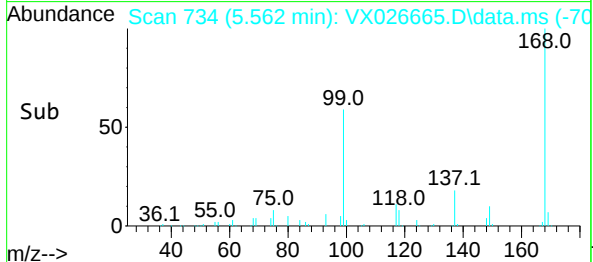
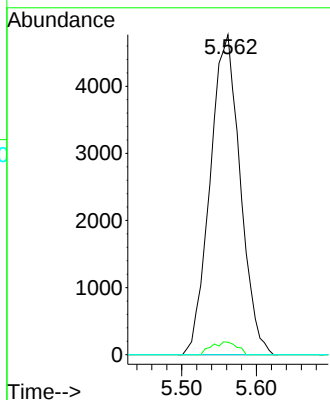
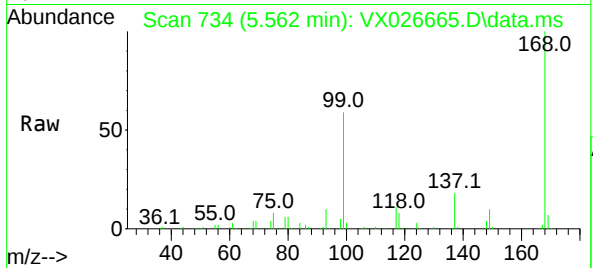




#38
Carbon Tetrachloride
Concen: 5.771 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

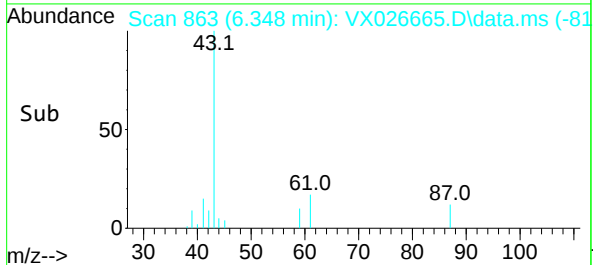
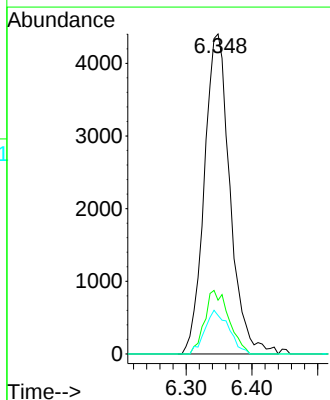
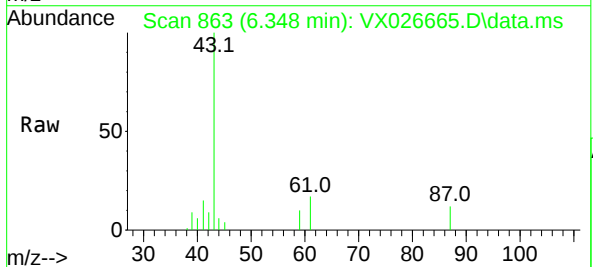
Instrument :
MSVOA_X
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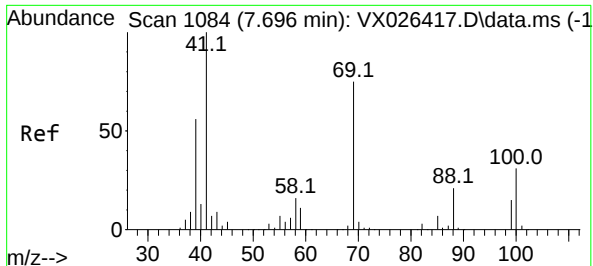
Tgt Ion:117 Resp: 13372
Ion Ratio Lower Upper
117 100
119 3.9 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.244 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

Tgt Ion: 43 Resp: 11939
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 12.7 10.2 15.2





#48

Methyl methacrylate

Concen: 1.729 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.091 min

Lab File: VX026665.D

Acq: 28 Jan 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :

MH-1D

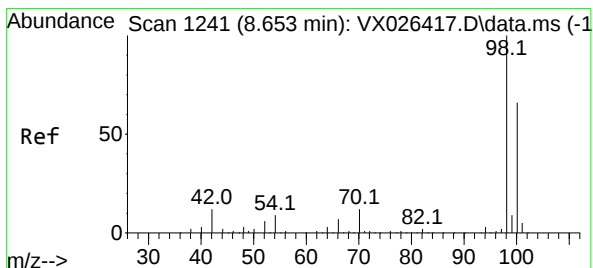
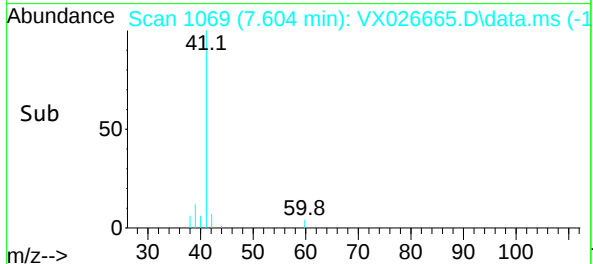
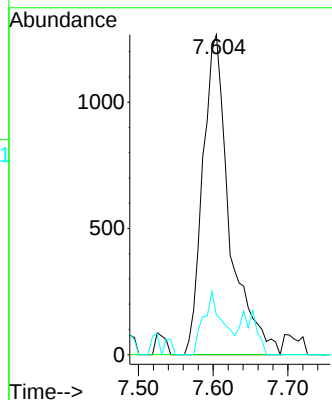
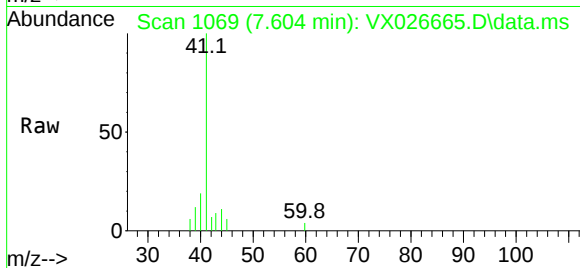
Tgt Ion: 41 Resp: 3154

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#50

Toluene-d8

Concen: 49.295 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026665.D

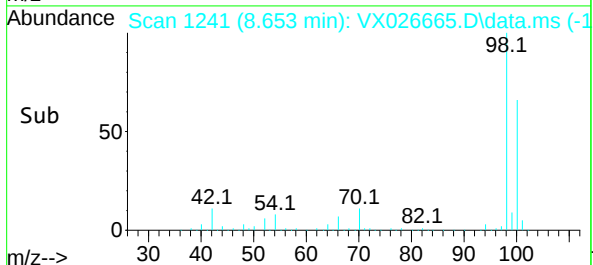
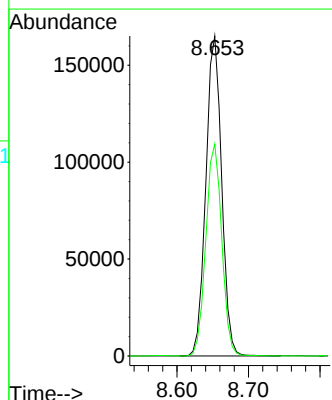
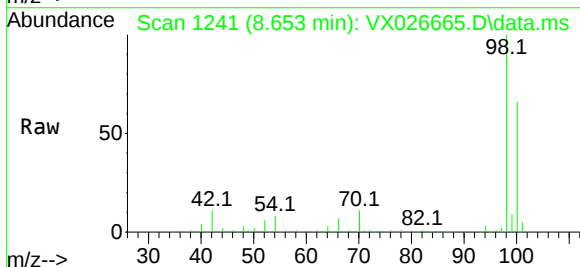
Acq: 28 Jan 2022 20:36

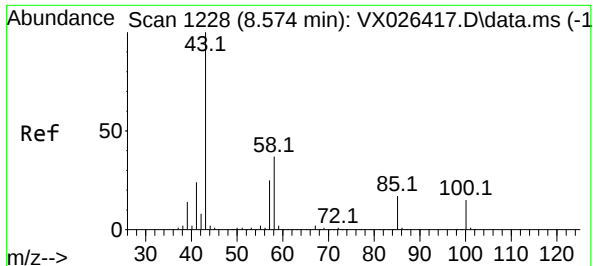
Tgt Ion: 98 Resp: 253470

Ion Ratio Lower Upper

98 100

100 66.9 53.2 79.8

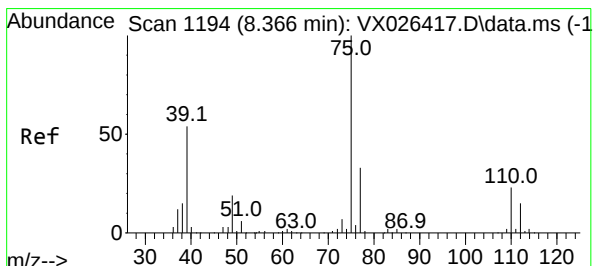
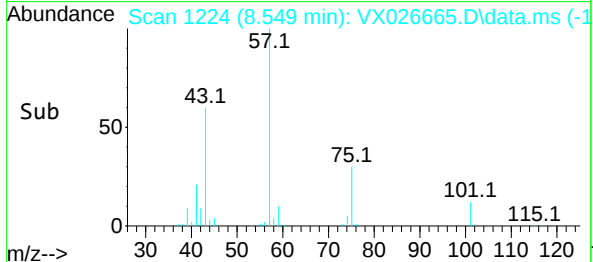
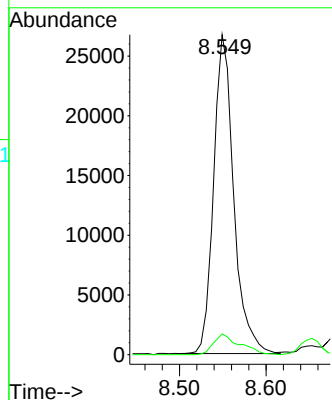
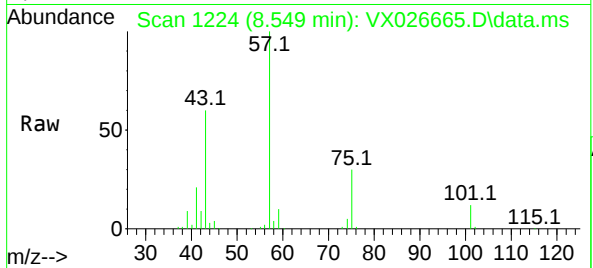




#51
4-Methyl-2-Pentanone
Concen: 19.680 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

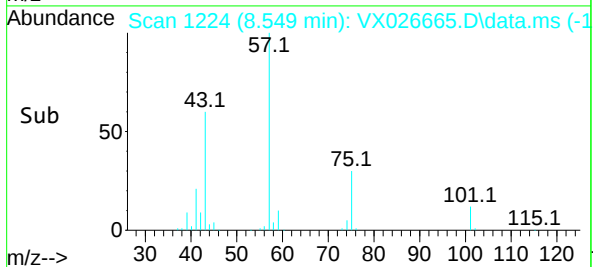
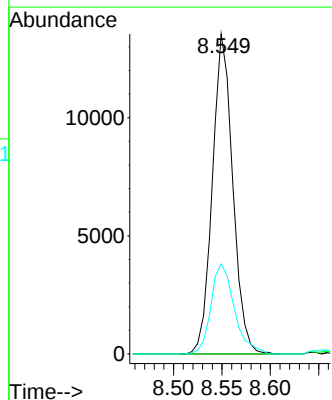
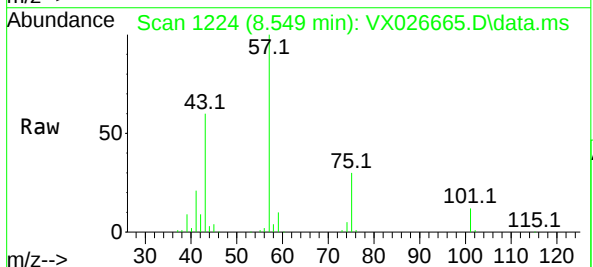
Instrument :
MSVOA_X
ClientSampleId :
MH-1D

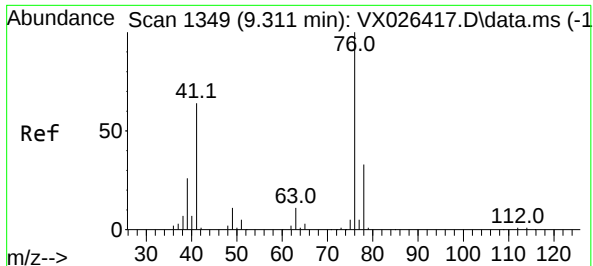
Tgt Ion: 43 Resp: 42966
Ion Ratio Lower Upper
43 100
58 8.5 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.354 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

Tgt Ion: 75 Resp: 19861
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 28.2 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.449 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026665.D

Acq: 28 Jan 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :

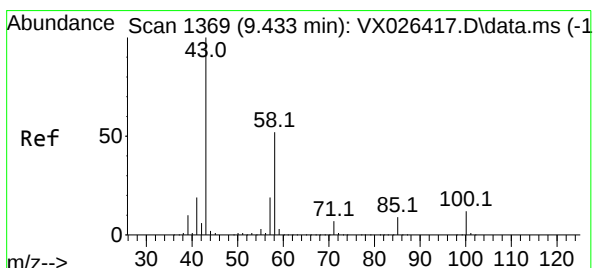
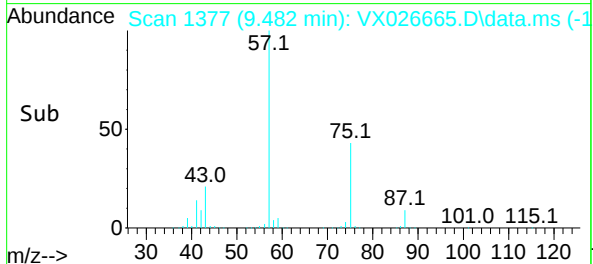
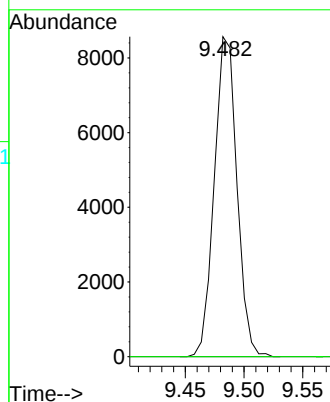
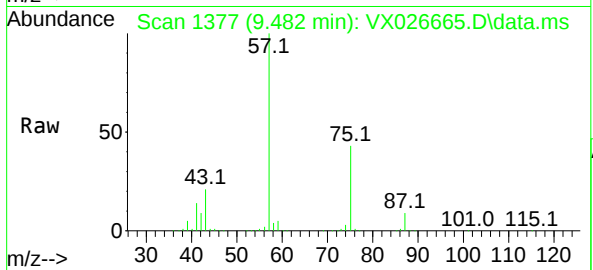
MH-1D

Tgt Ion: 76 Resp: 11493

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 95.125 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026665.D

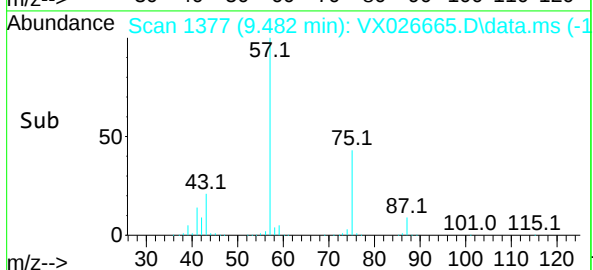
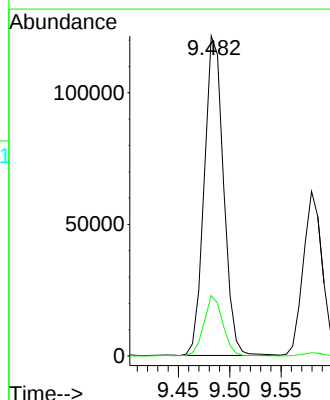
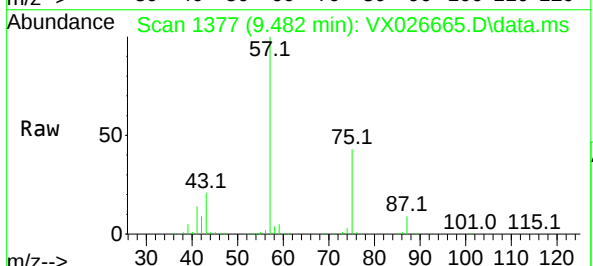
Acq: 28 Jan 2022 20:36

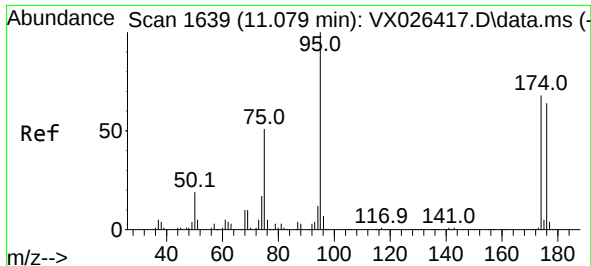
Tgt Ion: 43 Resp: 158951

Ion Ratio Lower Upper

43 100

58 18.6 26.4 79.2#

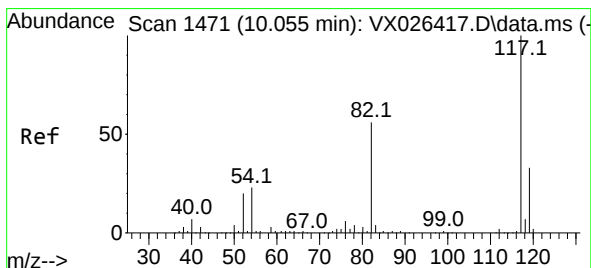
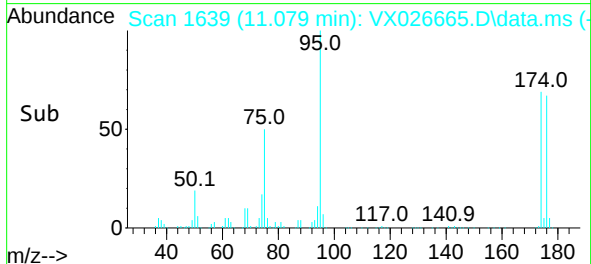
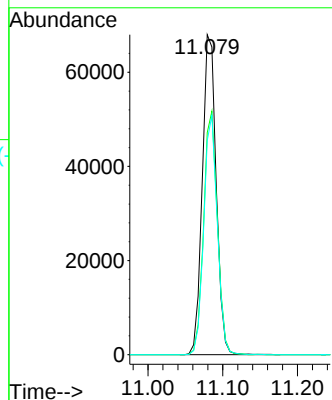
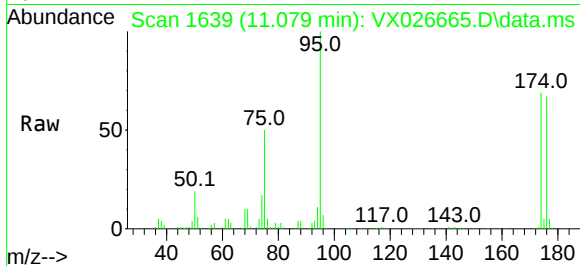




#62
4-Bromofluorobenzene
Concen: 47.977 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

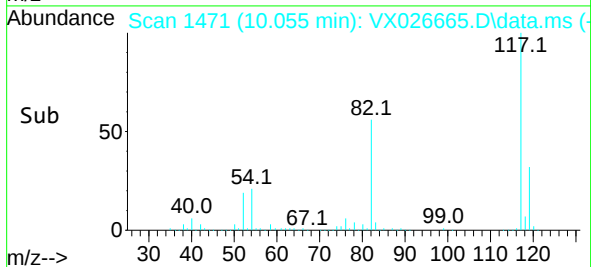
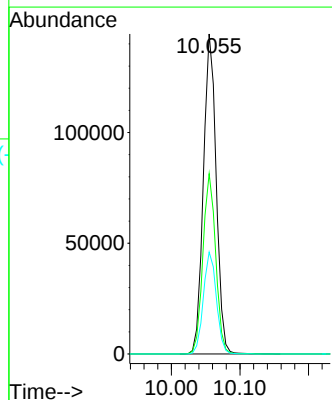
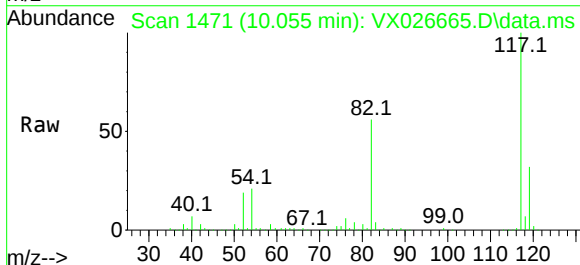
Instrument :
MSVOA_X
ClientSampleId :
MH-1D

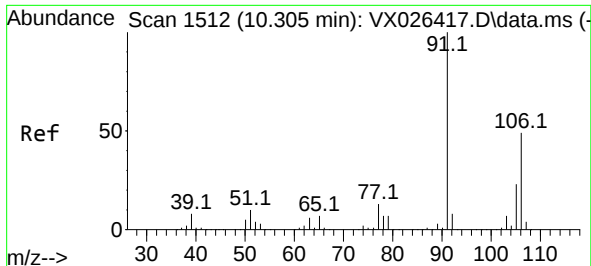
Tgt Ion: 95 Resp: 87635
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.6
176 72.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

Tgt Ion: 117 Resp: 188457
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 31.8 26.2 39.2

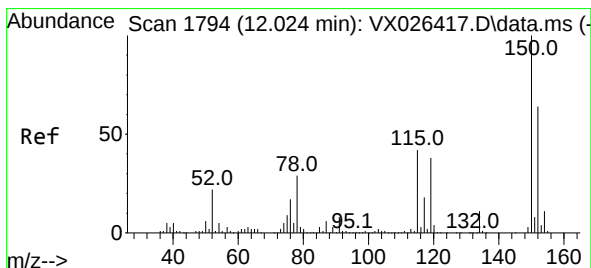
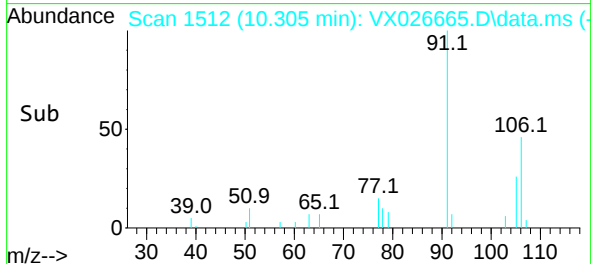
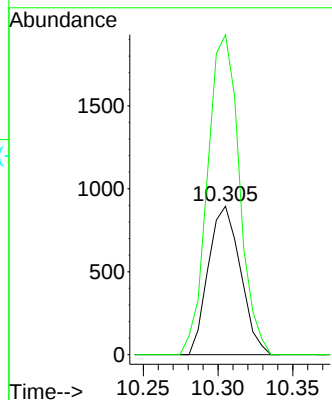
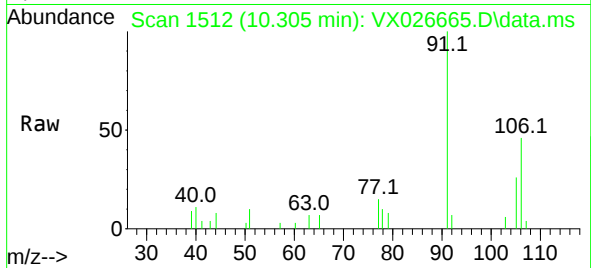




#68
m/p-Xylenes
Concen: 0.496 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

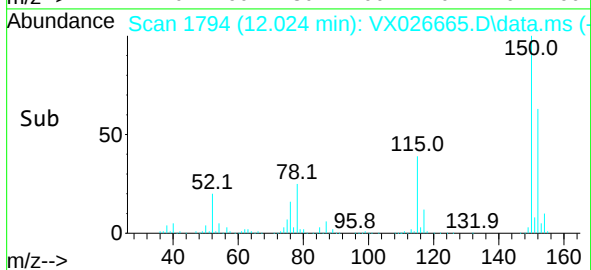
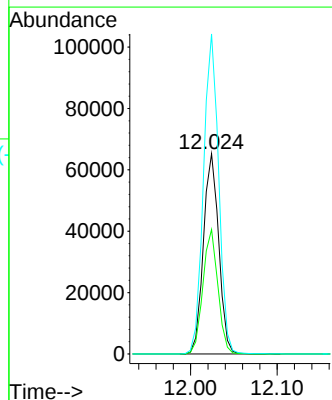
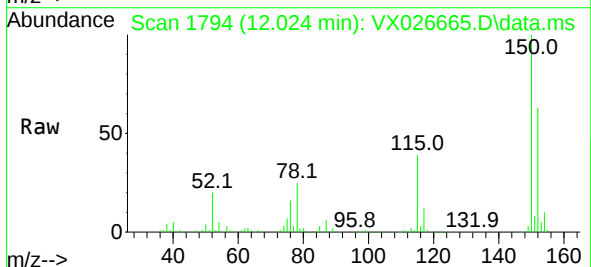
Instrument :
MSVOA_X
ClientSampleId :
MH-1D

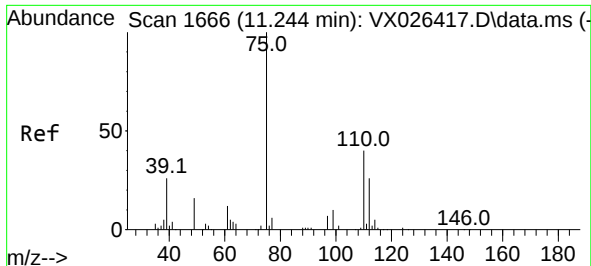
Tgt Ion:106 Resp: 1338
Ion Ratio Lower Upper
106 100
91 213.5 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

Tgt Ion:152 Resp: 80054
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 158.3 0.0 348.2

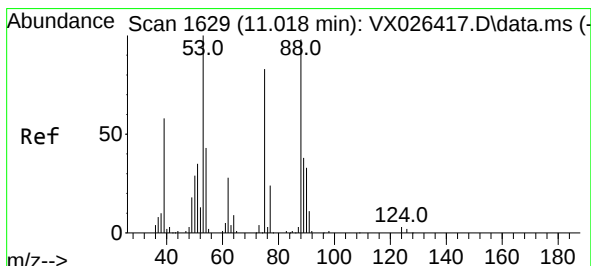
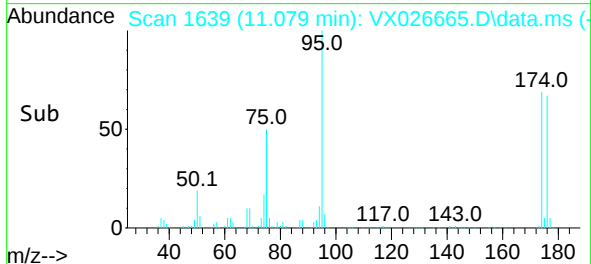
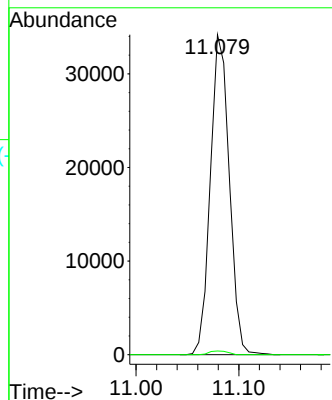
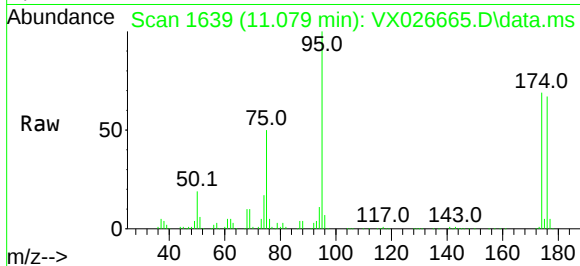




#76
1,2,3-Trichloropropane
Concen: 24.790 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

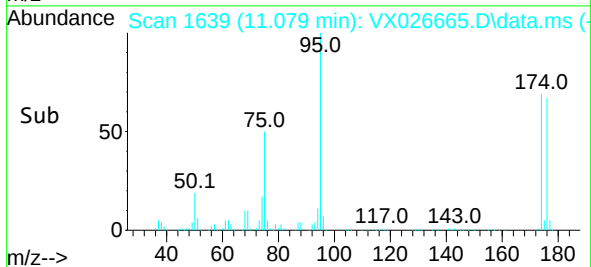
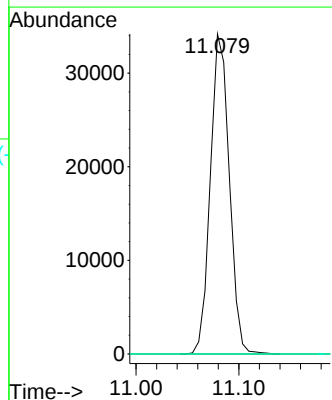
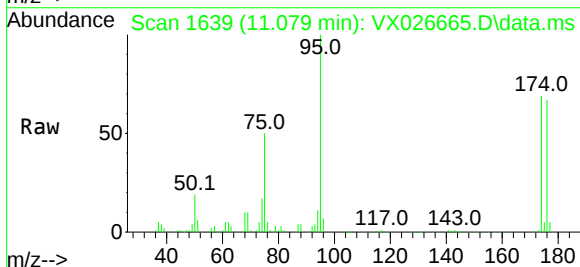
Instrument :
MSVOA_X
ClientSampleId :
MH-1D

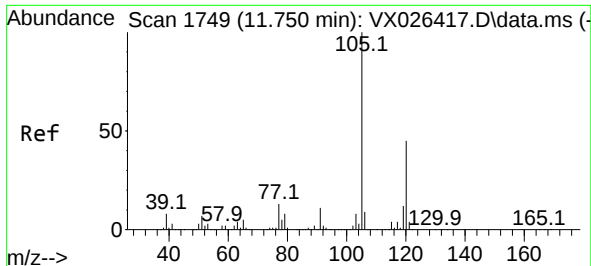
Tgt Ion: 75 Resp: 43695
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

Tgt Ion: 75 Resp: 43695
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

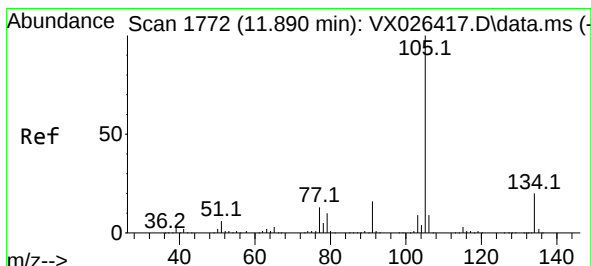
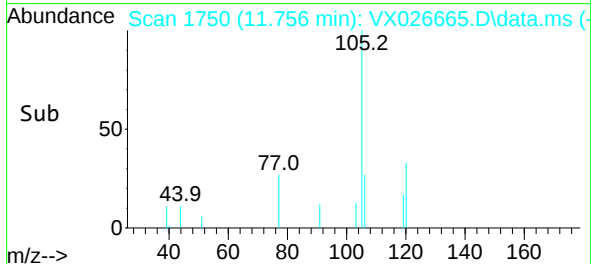
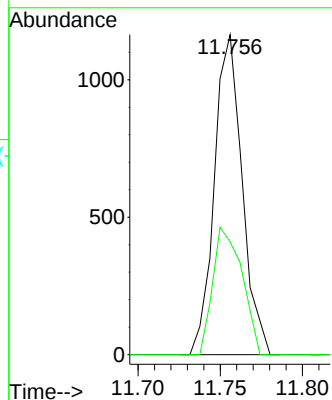
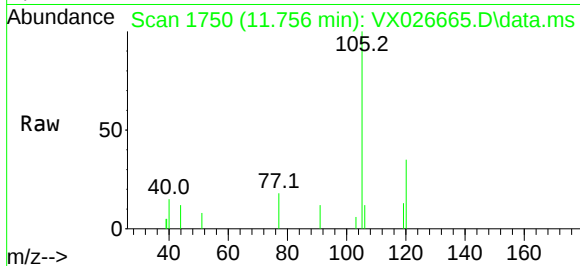




#84
1,2,4-Trimethylbenzene
Concen: 0.252 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

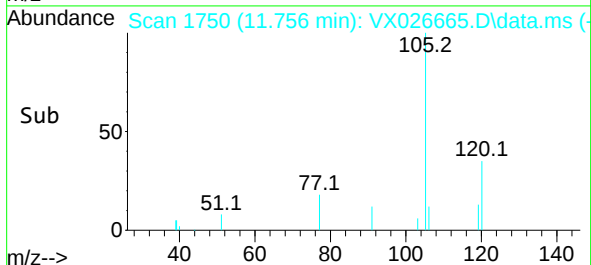
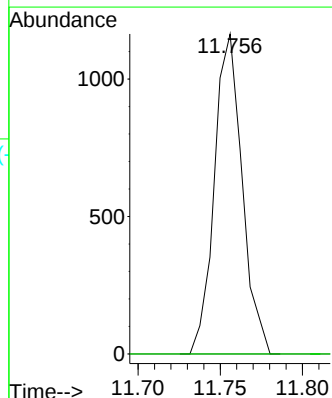
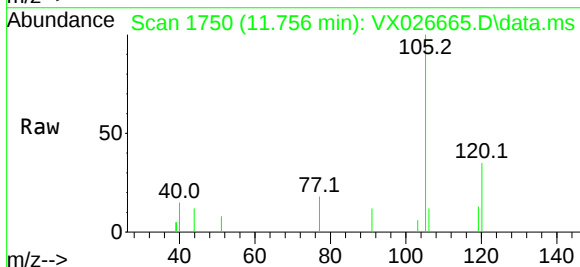
Instrument :
MSVOA_X
ClientSampleId :
MH-1D

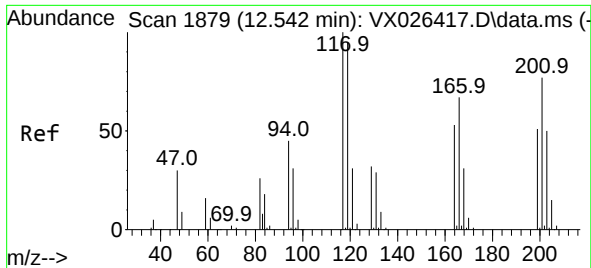
Tgt Ion:105 Resp: 1366
Ion Ratio Lower Upper
105 100
120 41.7 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.209 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX026665.D
Acq: 28 Jan 2022 20:36

Tgt Ion:105 Resp: 1366
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#90

Hexachloroethane

Concen: 2.199 ug/l

RT: 12.695 min Scan# 1904

Delta R.T. 0.153 min

Lab File: VX026665.D

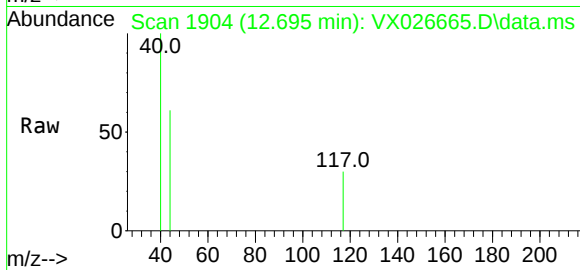
Acq: 28 Jan 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :

MH-1D



Tgt Ion:117 Resp: 21

Ion Ratio Lower Upper

117 100

201 0.0 35.6 106.8#

