

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022201.D
 Acq On : 26 May 2021 16:42
 Operator : JC/MD
 Sample : M2526-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117T-20210525

Quant Time: May 27 04:07:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

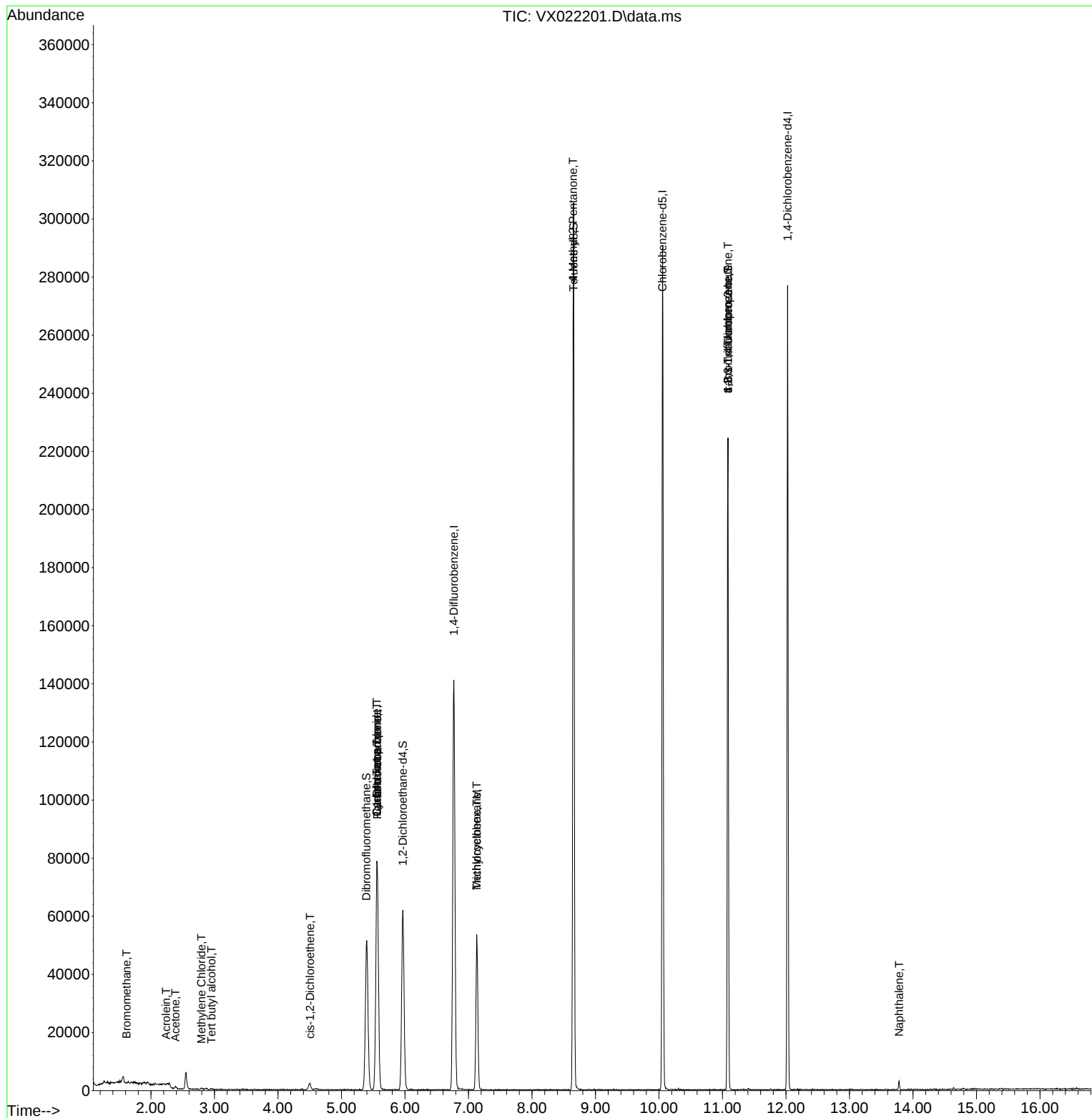
Internal Standards						
1) Pentafluorobenzene	5.562	168	68720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	143968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57390	54.14	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.28%			
35) Dibromofluoromethane	5.391	113	44225	48.44	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.88%			
50) Toluene-d8	8.653	98	175853	50.00	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.00%			
62) 4-Bromofluorobenzene	11.085	95	62731	48.26	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.52%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	120	0.22	ug/l	89
11) Tert butyl alcohol	2.953	59	158	0.65	ug/l #	73
13) Acrolein	2.240	56	52	0.32	ug/l #	1
16) Acetone	2.386	43	877	1.90	ug/l #	81
20) Methylene Chloride	2.794	84	276	0.27	ug/l #	88
27) cis-1,2-Dichloroethene	4.507	96	1468	1.41	ug/l	97
31) Cyclohexane	5.556	56	1835	1.38	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6403	4.81	ug/l #	44
38) Carbon Tetrachloride	5.556	117	7794	5.98	ug/l #	17
39) Methylcyclohexane	7.129	83	340	0.23	ug/l #	1
44) Trichloroethene	7.129	130	18825	18.49	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	881	0.55	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	32410	26.08	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	32410	61.80	ug/l #	12
95) Naphthalene	13.780	128	1825	0.46	ug/l	96

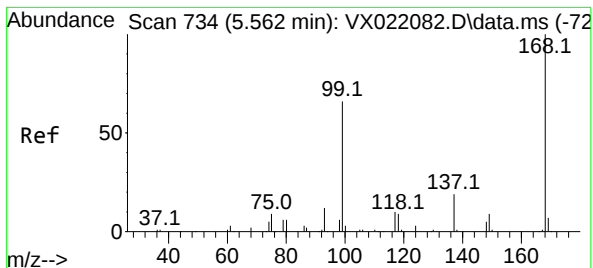
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.000 min

Lab File: VX022201.D

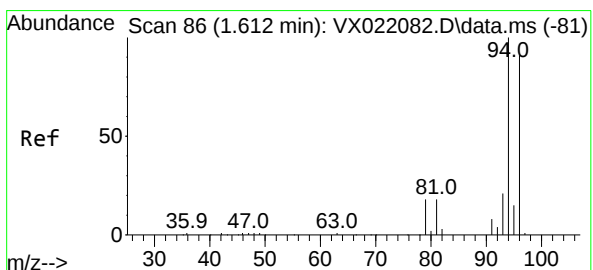
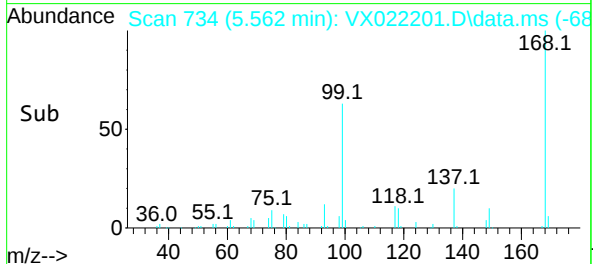
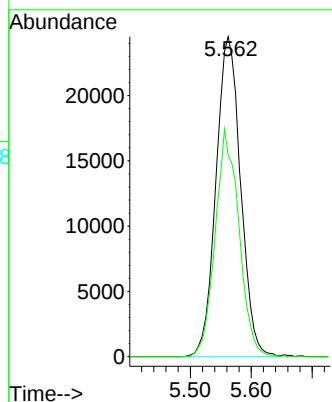
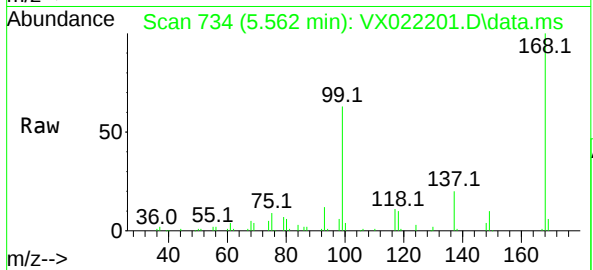
Acq: 26 May 2021 16:42

Tgt Ion:168 Resp: 68720

Ion Ratio Lower Upper

168 100

99 62.9 45.8 68.6



#5

Bromomethane

Concen: 0.22 ug/l

RT: 1.618 min Scan# 87

Delta R.T. 0.006 min

Lab File: VX022201.D

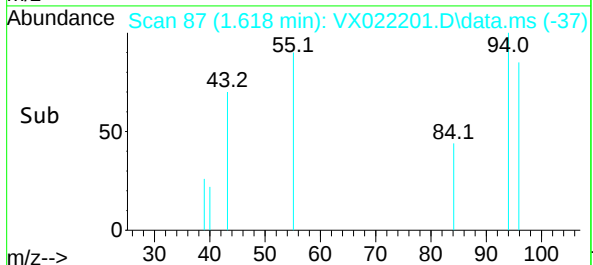
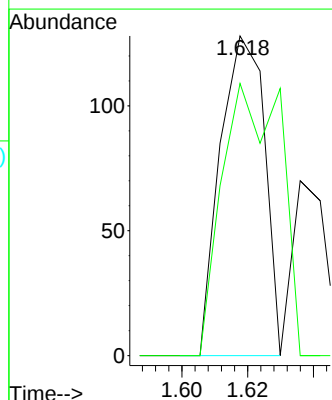
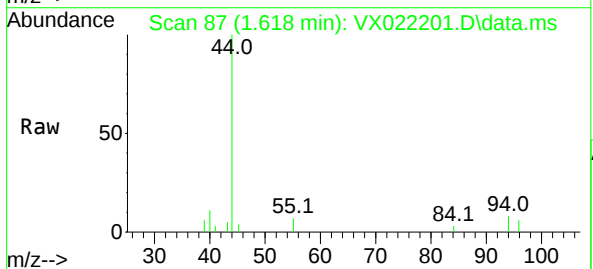
Acq: 26 May 2021 16:42

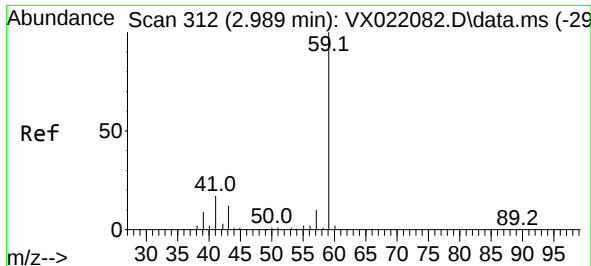
Tgt Ion: 94 Resp: 120

Ion Ratio Lower Upper

94 100

96 85.2 76.4 114.6



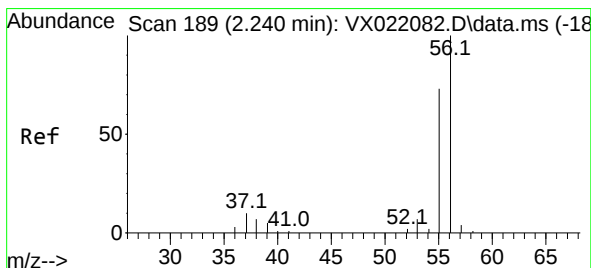
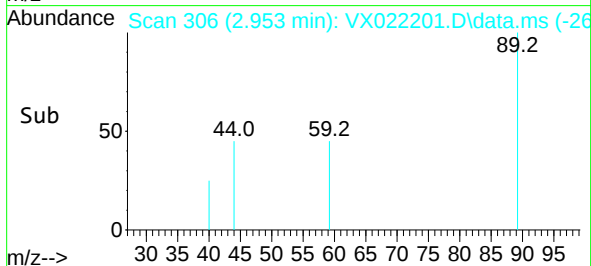
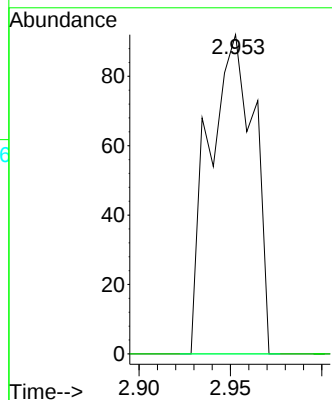
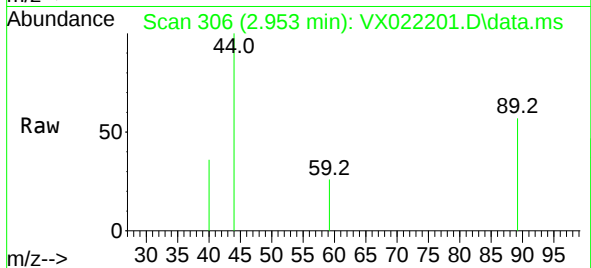


#11

Tert butyl alcohol
Concen: 0.65 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210525

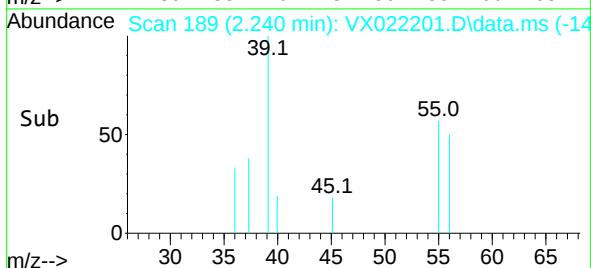
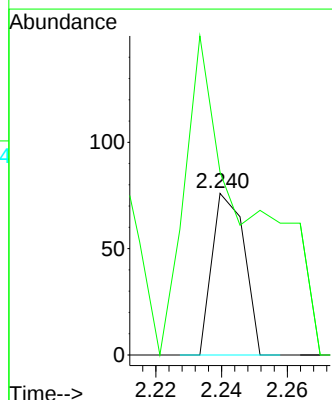
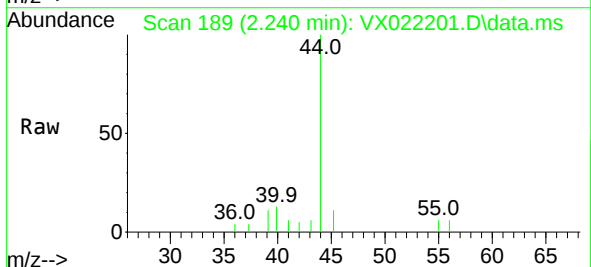
Tgt Ion: 59 Resp: 158
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

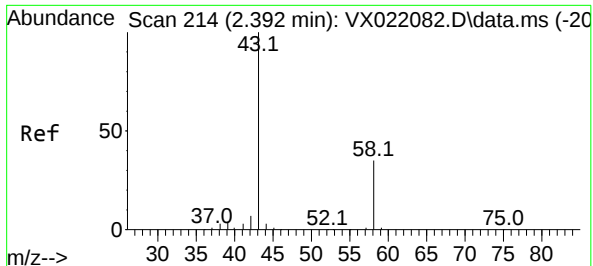


#13

Acrolein
Concen: 0.32 ug/l
RT: 2.240 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 384.6 56.4 84.6#

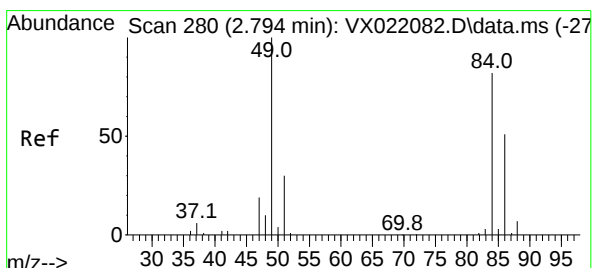
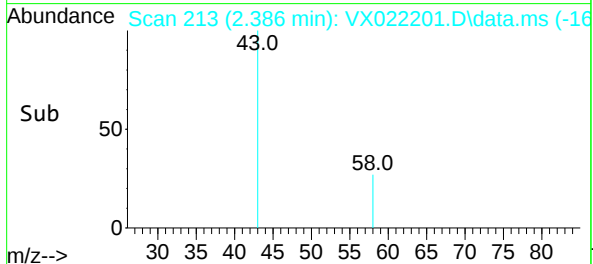
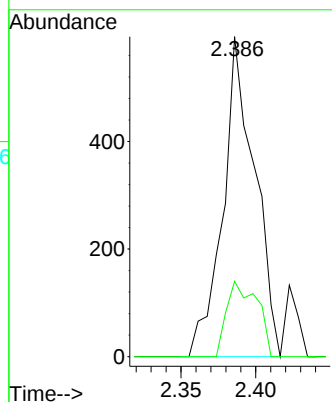
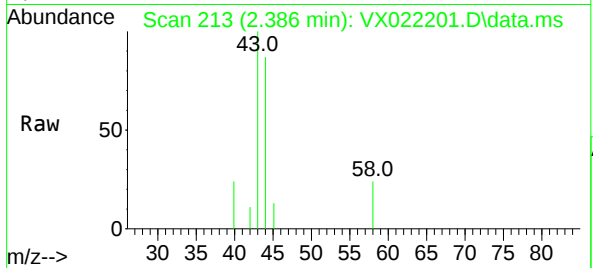




#16
Acetone
Concen: 1.90 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

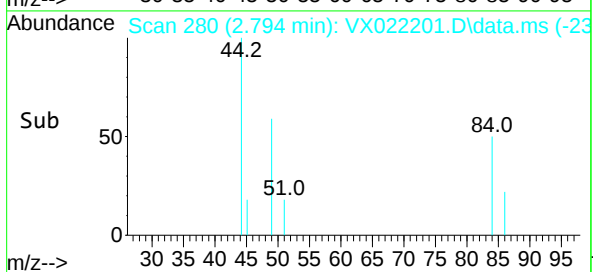
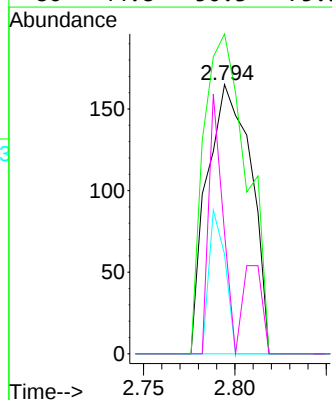
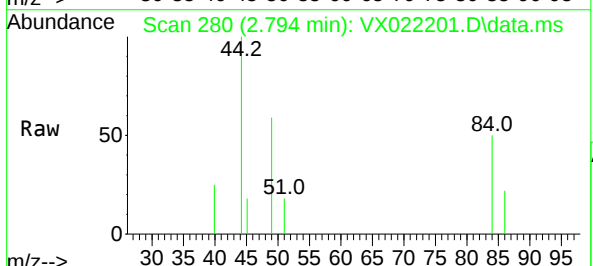
Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210525

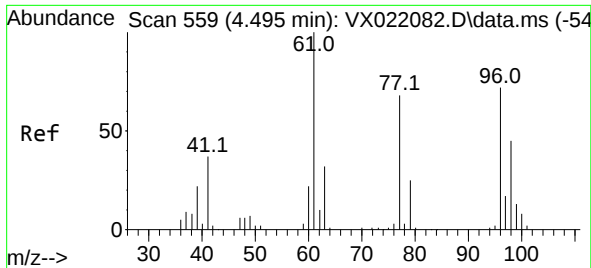
Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
58 23.5 27.8 41.8#



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

Tgt Ion: 84 Resp: 276
Ion Ratio Lower Upper
84 100
49 118.8 88.6 132.8
51 37.0 27.0 40.6
86 44.8 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 1.41 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.012 min

Lab File: VX022201.D

Acq: 26 May 2021 16:42

Tgt Ion: 96 Resp: 1468

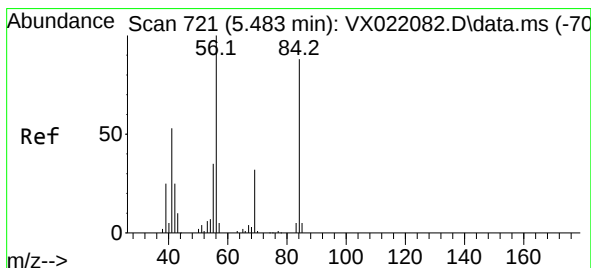
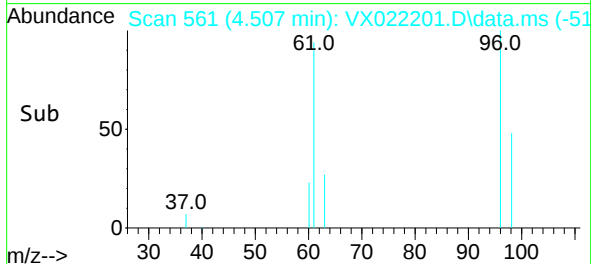
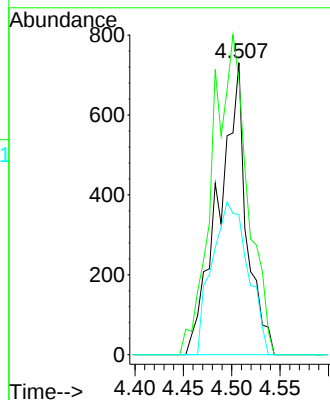
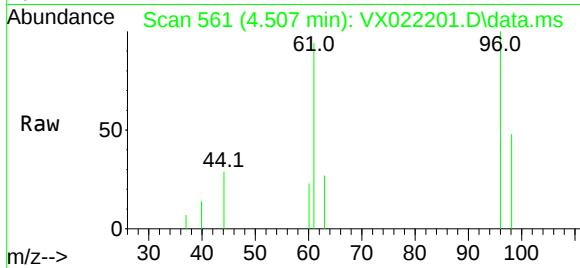
Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	285.6
98	67.4	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

MH-117T-20210525



#31

Cyclohexane

Concen: 1.38 ug/l

RT: 5.556 min Scan# 733

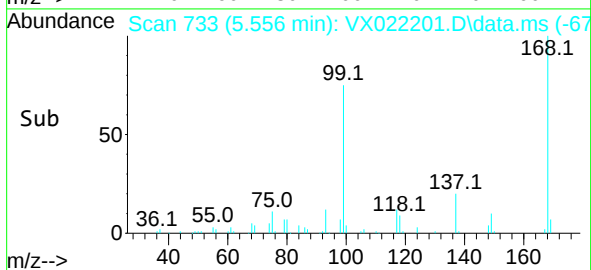
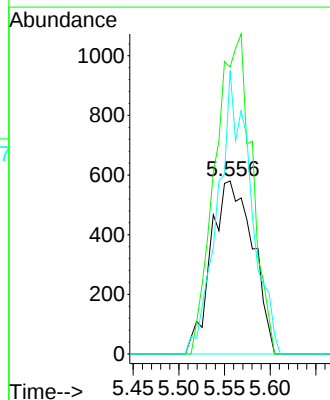
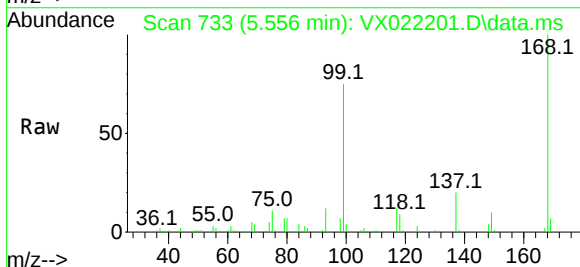
Delta R.T. 0.073 min

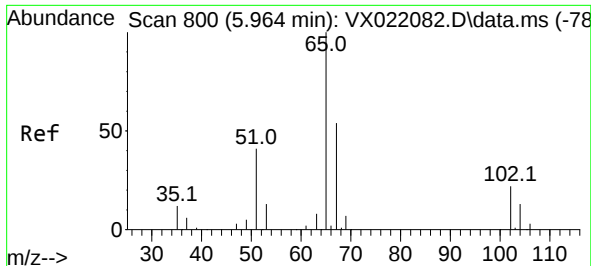
Lab File: VX022201.D

Acq: 26 May 2021 16:42

Tgt Ion: 56 Resp: 1835

Ion	Ratio	Lower	Upper
56	100		
69	165.9	25.3	37.9#
84	163.8	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 54.14 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022201.D

Acq: 26 May 2021 16:42

Tgt Ion: 65 Resp: 57390

Ion Ratio Lower Upper

65 100

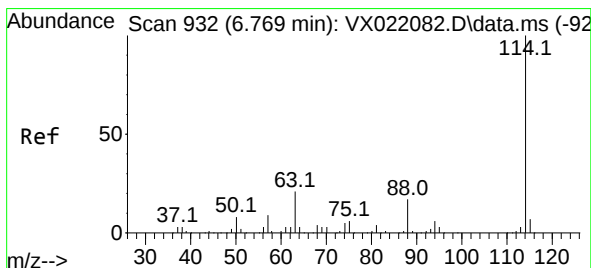
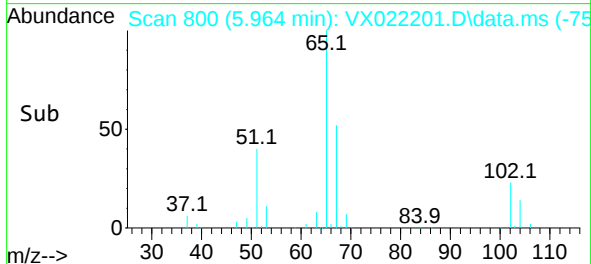
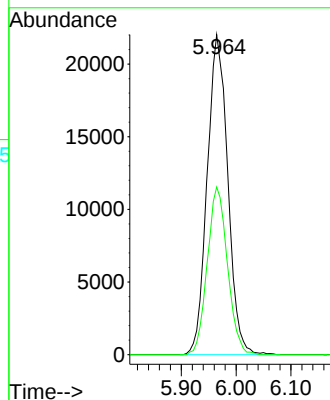
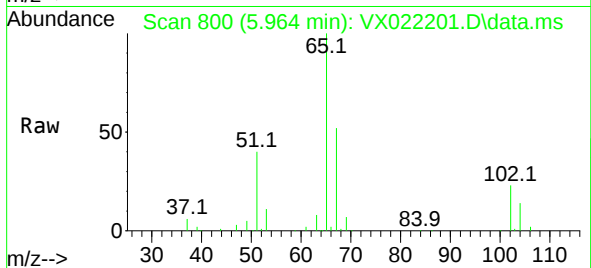
67 51.2 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

MH-117T-20210525



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022201.D

Acq: 26 May 2021 16:42

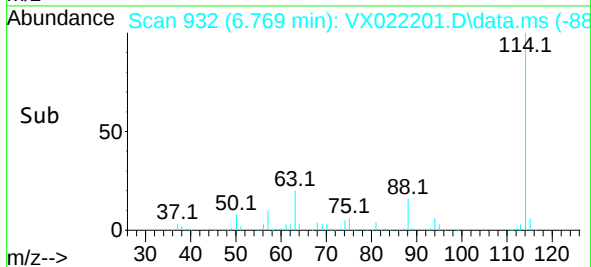
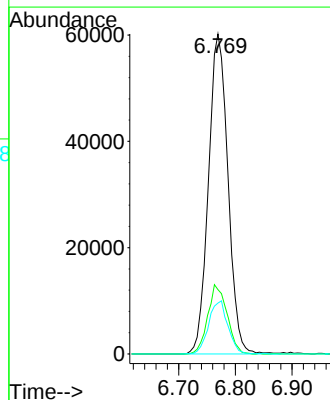
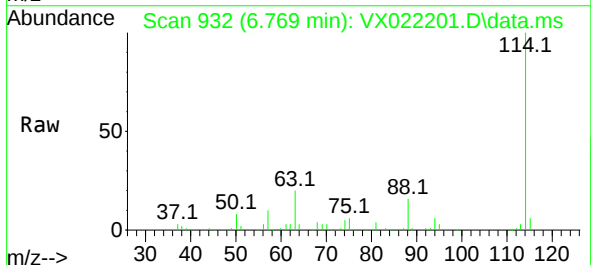
Tgt Ion: 114 Resp: 143968

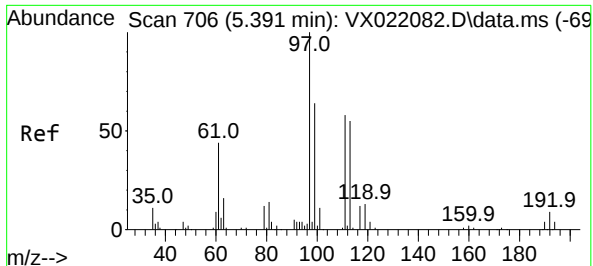
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.9 0.0 32.8

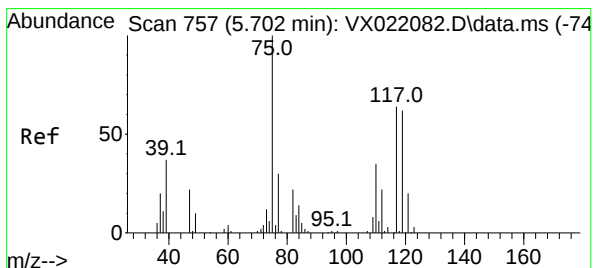
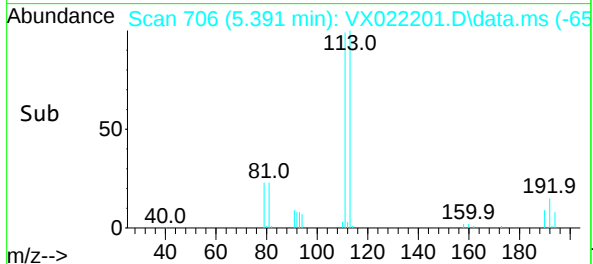
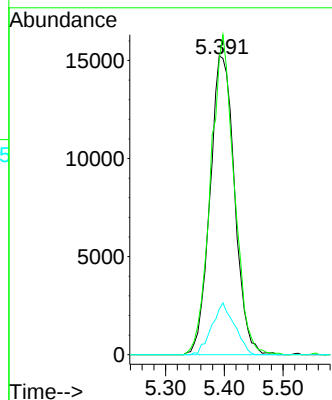
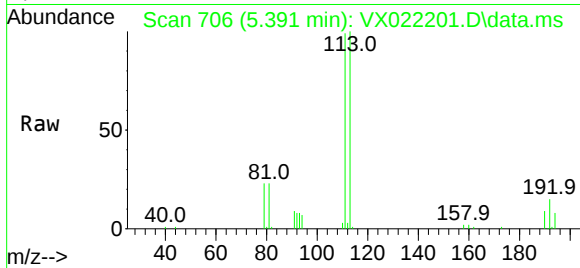




#35
Dibromofluoromethane
Concen: 48.44 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

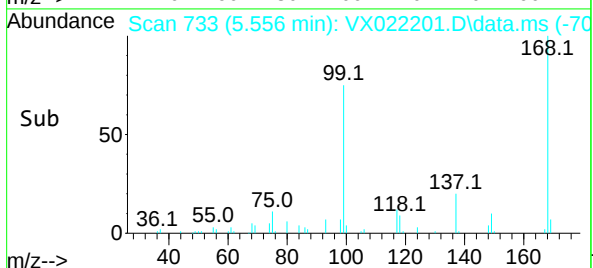
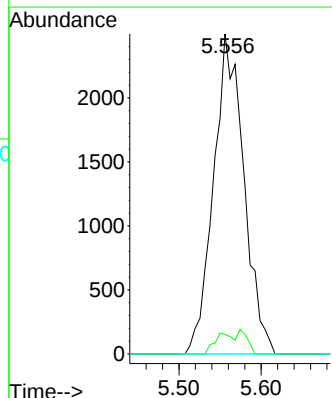
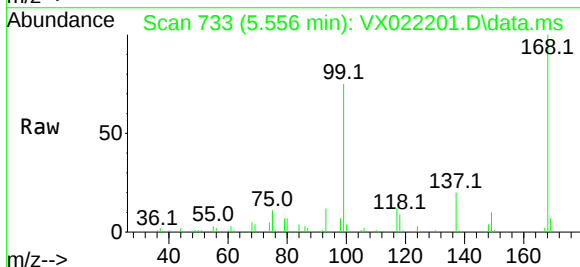
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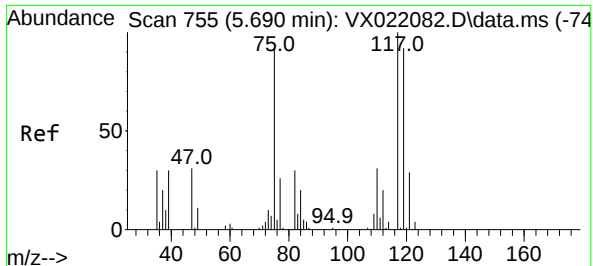
Tgt Ion:113 Resp: 44225
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 16.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.81 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

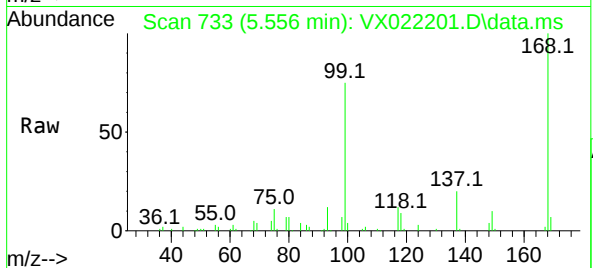
Tgt Ion: 75 Resp: 6403
Ion Ratio Lower Upper
75 100
110 4.1 18.1 54.4#
77 0.0 25.3 37.9#



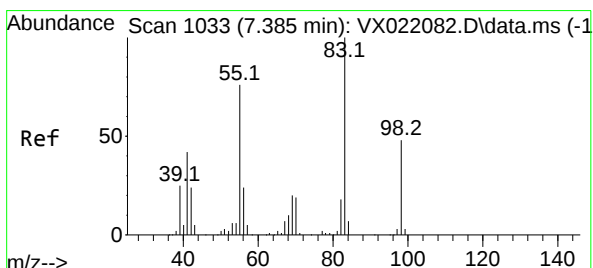
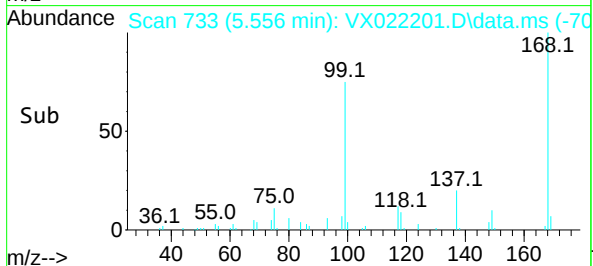
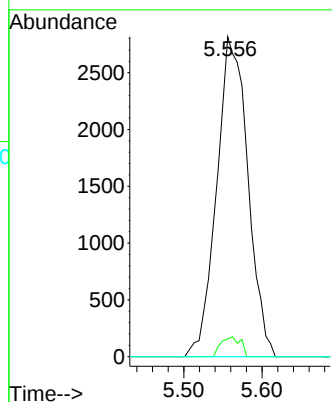


#38
Carbon Tetrachloride
Concen: 5.98 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210525

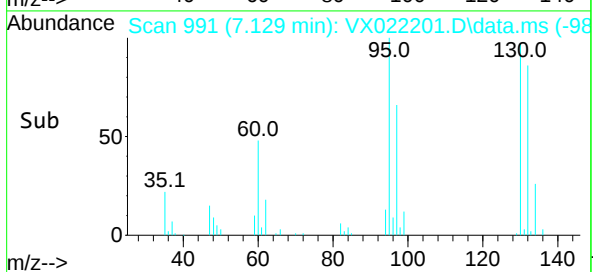
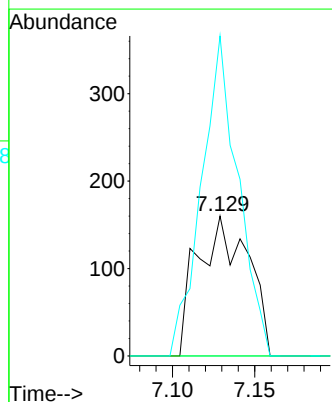
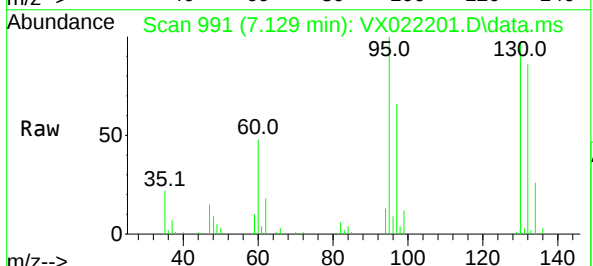


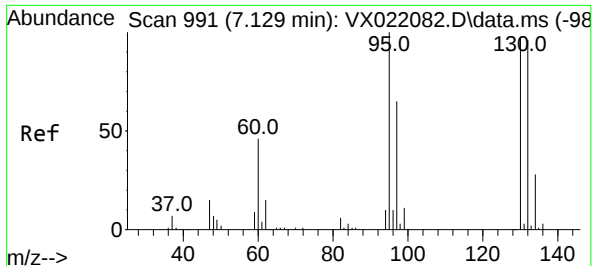
Tgt Ion:117 Resp: 7794
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.23 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

Tgt Ion: 83 Resp: 340
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 228.8 38.1 57.1#

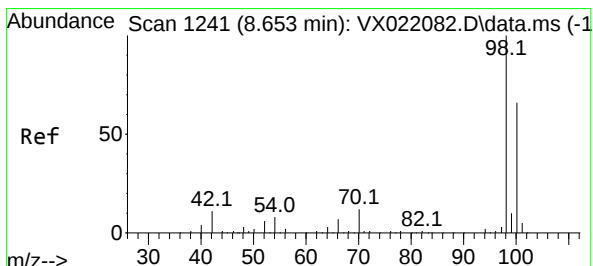
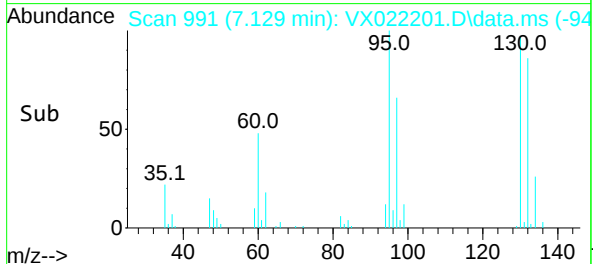
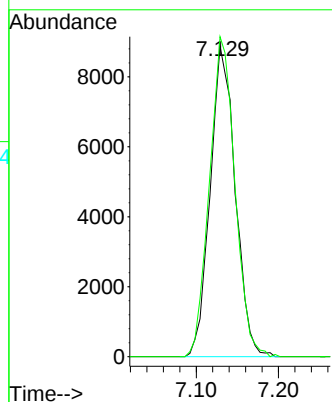
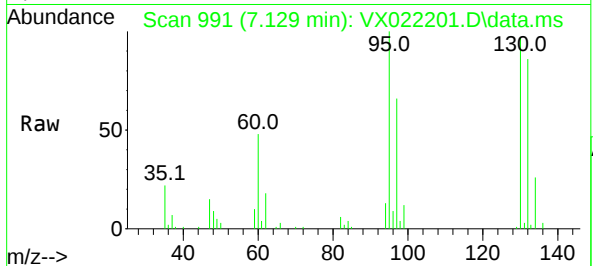




#44
Trichloroethene
Concen: 18.49 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

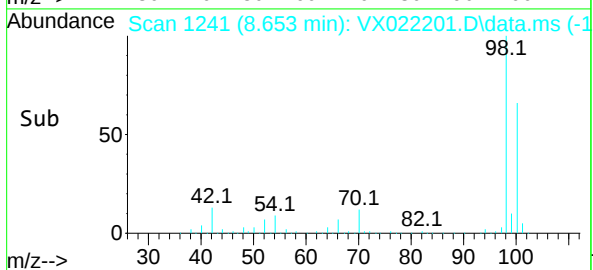
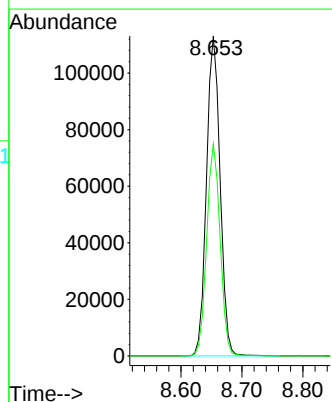
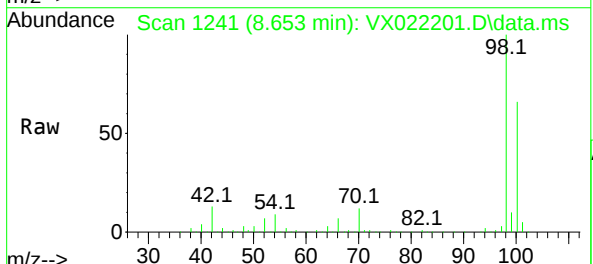
Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210525

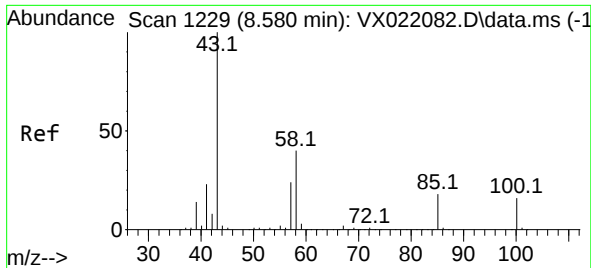
Tgt Ion:130 Resp: 18825
Ion Ratio Lower Upper
130 100
95 103.0 0.0 198.0



#50
Toluene-d8
Concen: 50.00 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

Tgt Ion: 98 Resp: 175853
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

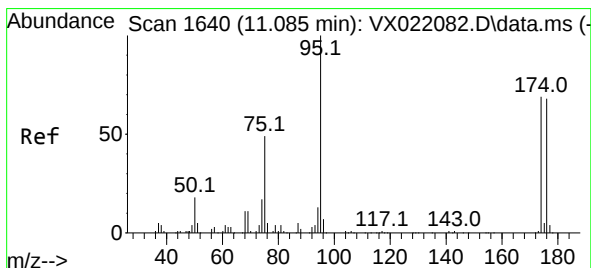
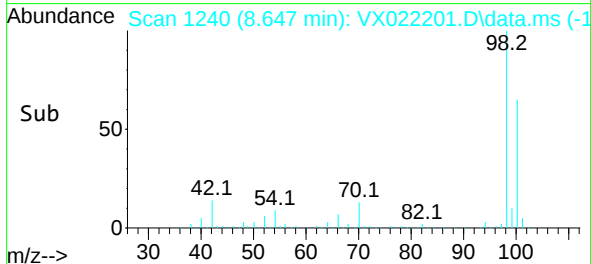
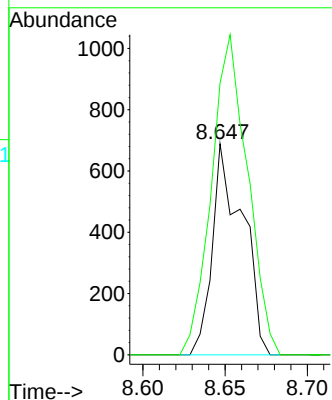
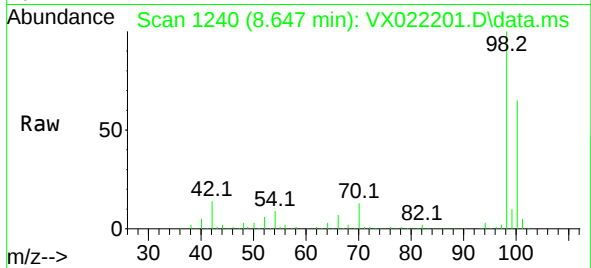




#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

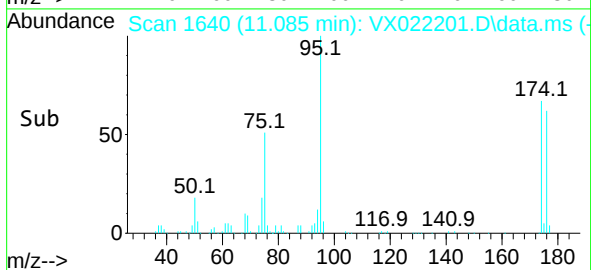
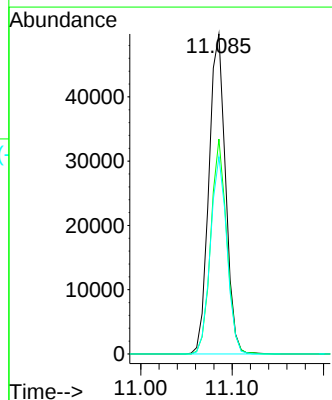
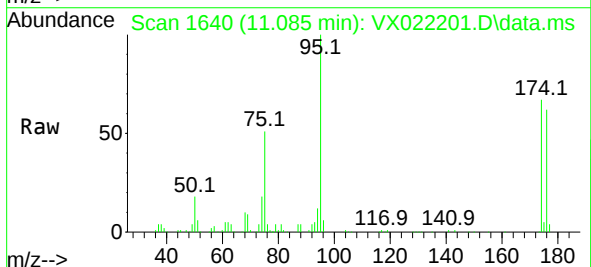
Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210525

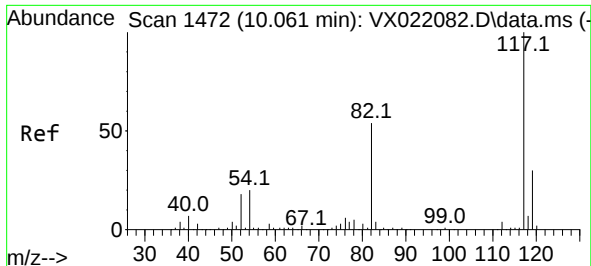
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 180.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.26 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

Tgt Ion: 95 Resp: 62731
Ion Ratio Lower Upper
95 100
174 64.0 0.0 154.6
176 60.8 0.0 155.8

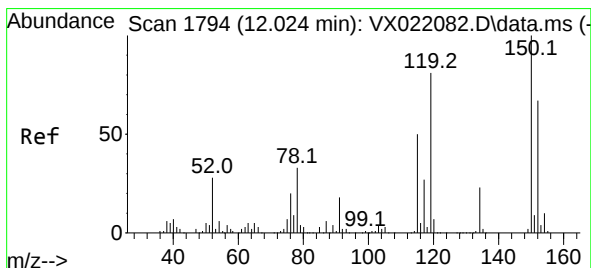
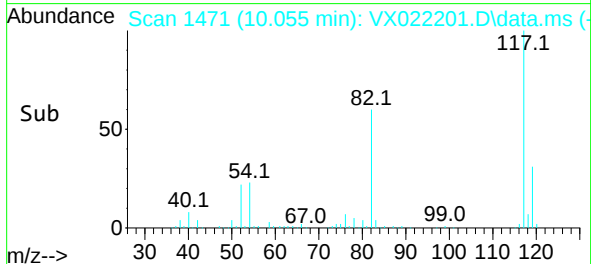
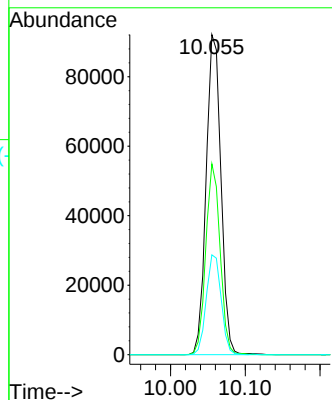
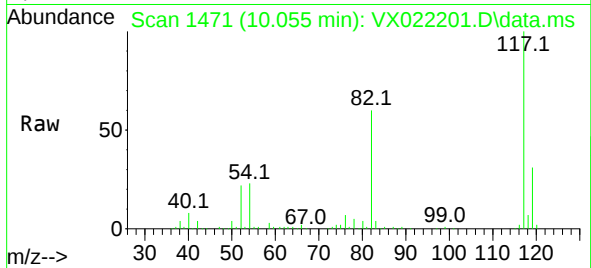




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

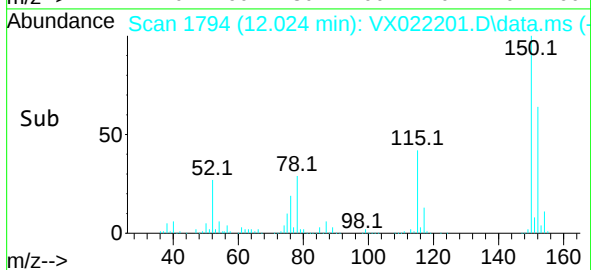
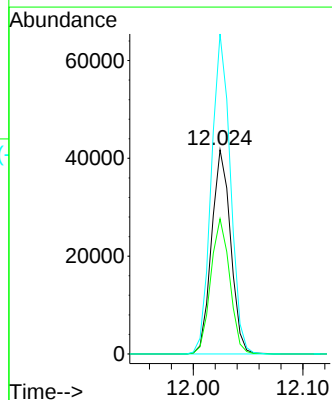
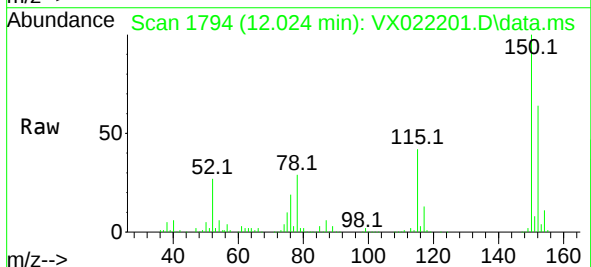
Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210525

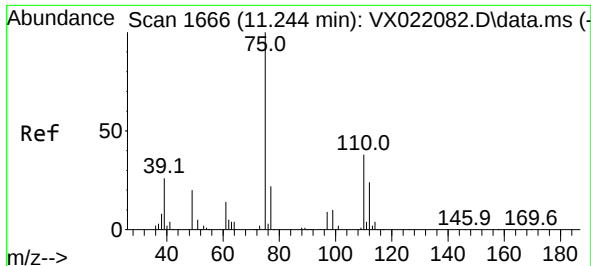
Tgt Ion:117 Resp: 126616
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

Tgt Ion:152 Resp: 50367
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 156.9 0.0 349.0

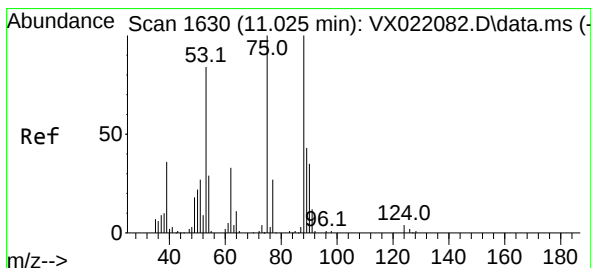
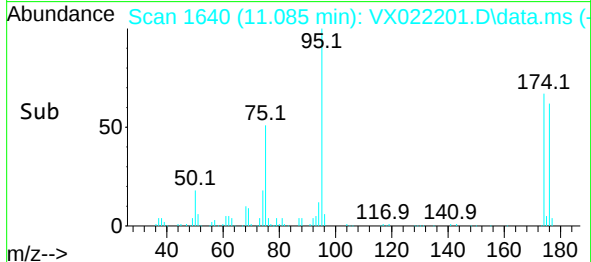
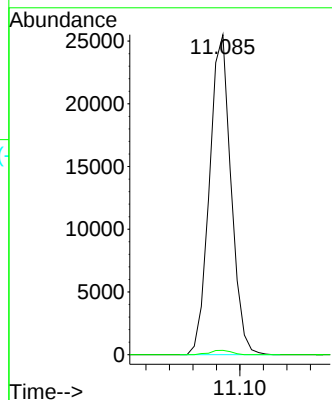
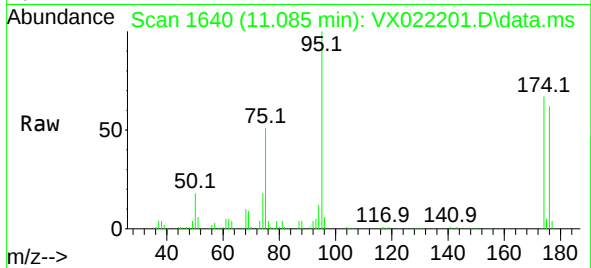




#76
1,2,3-Trichloropropane
Concen: 26.08 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

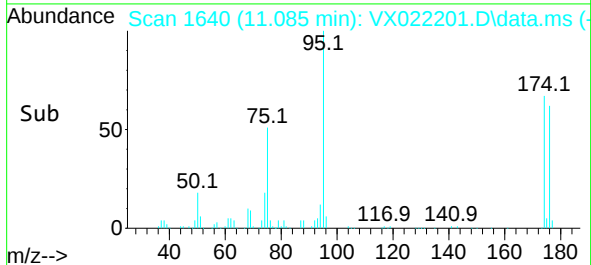
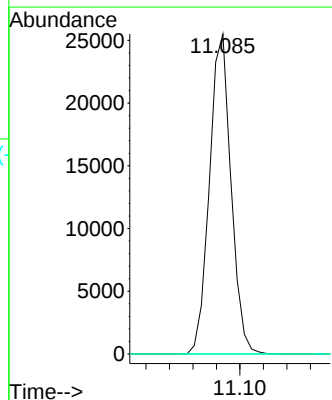
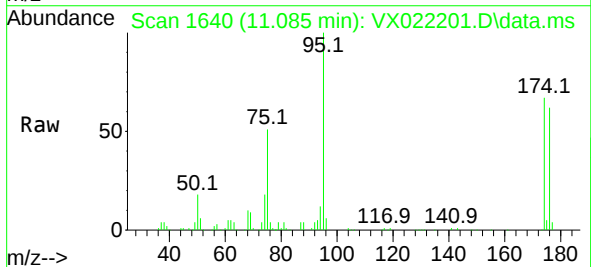
Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210525

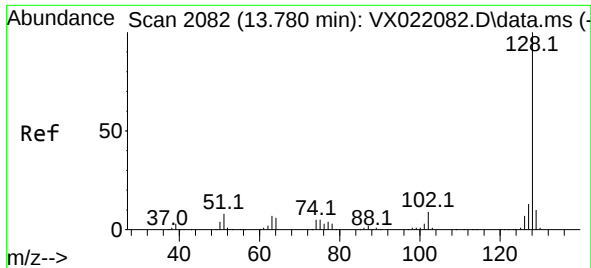
Tgt Ion: 75 Resp: 32410
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.80 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

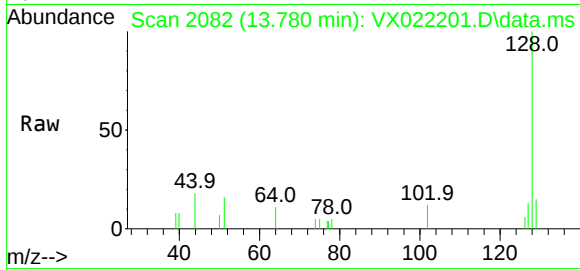
Tgt Ion: 75 Resp: 32410
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 0.46 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022201.D
Acq: 26 May 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210525



Tgt Ion:128 Resp: 1825
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 9.9 8.8 13.2

