

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023573.D
 Acq On : 05 Aug 2021 15:26
 Operator : JC/MD
 Sample : M3301-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-P17

Quant Time: Aug 06 03:23:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

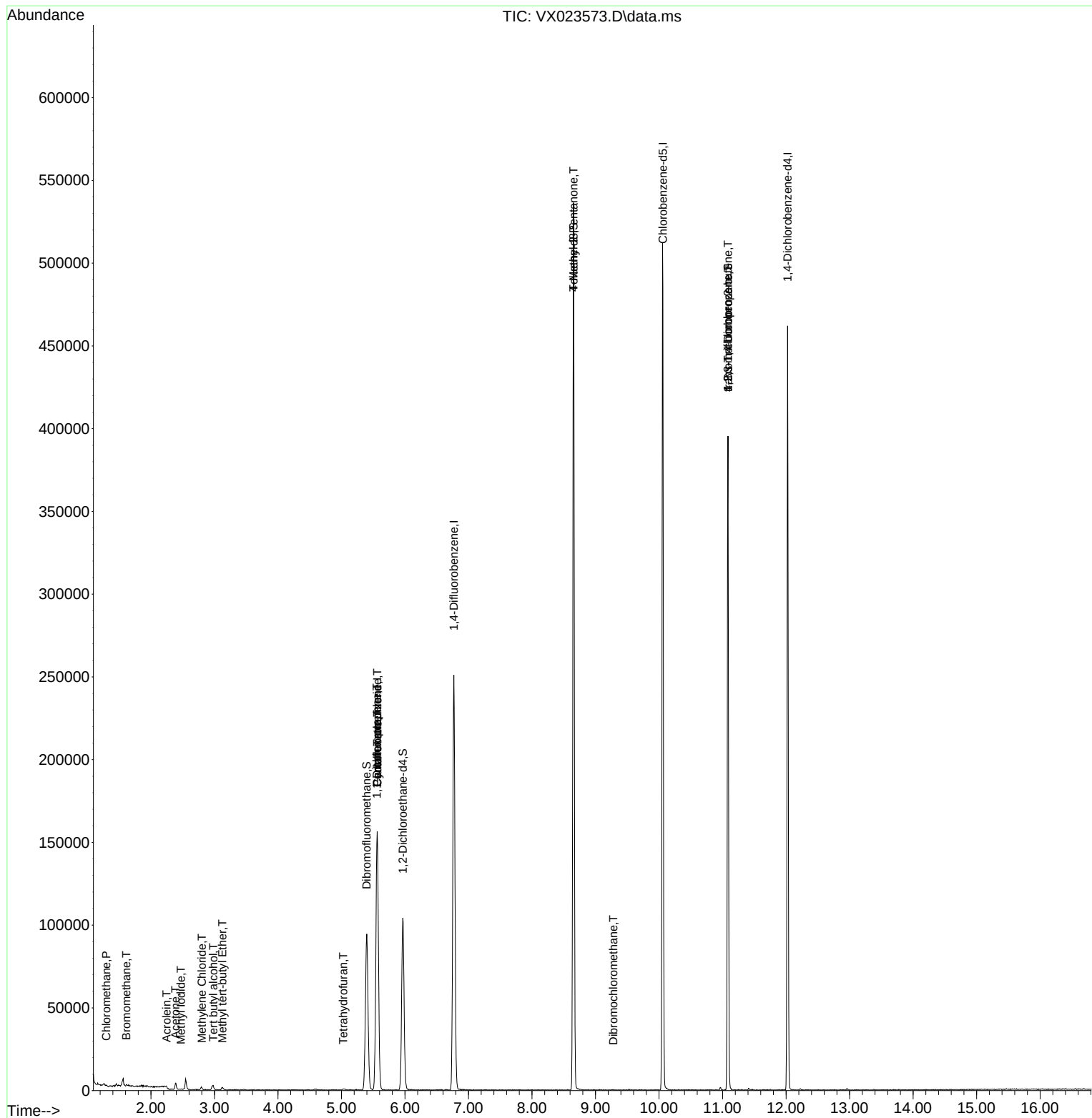
Internal Standards						
1) Pentafluorobenzene	5.562	168	148232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	225061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99255	53.679	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.360%			
35) Dibromofluoromethane	5.397	113	80617	51.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	8.653	98	300902	52.150	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.300%			
62) 4-Bromofluorobenzene	11.085	95	99599	50.764	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.520%			
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	436	0.274	ug/l #	68
5) Bromomethane	1.611	94	596	0.624	ug/l #	59
10) Methyl Iodide	2.471	142	435	0.237	ug/l #	88
11) Tert butyl alcohol	2.983	59	3162	7.486	ug/l #	93
13) Acrolein	2.246	56	97	1.813	ug/l #	22
16) Acetone	2.386	43	4321	4.764	ug/l #	72
19) Methyl tert-butyl Ether	3.123	73	1522	0.301	ug/l #	85
20) Methylene Chloride	2.800	84	668	0.379	ug/l #	82
29) Tetrahydrofuran	5.026	42	350	0.379	ug/l #	57
31) Cyclohexane	5.562	56	3366	1.229	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	11947	5.258	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14605	6.321	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1541	0.568	ug/l #	1
60) Dibromochloromethane	9.281	129	25	1.996	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	53291	26.018	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53291	69.959	ug/l #	12

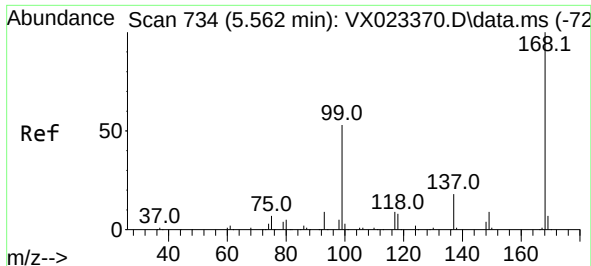
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023573.D
Acq On : 05 Aug 2021 15:26
Operator : JC/MD
Sample : M3301-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-P17

Quant Time: Aug 06 03:23:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

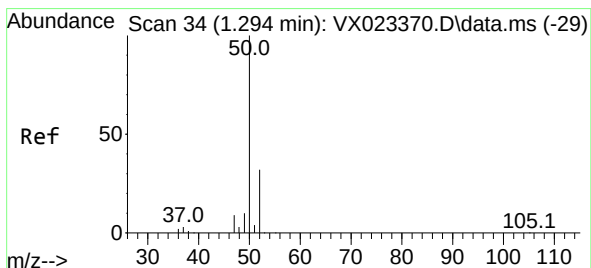
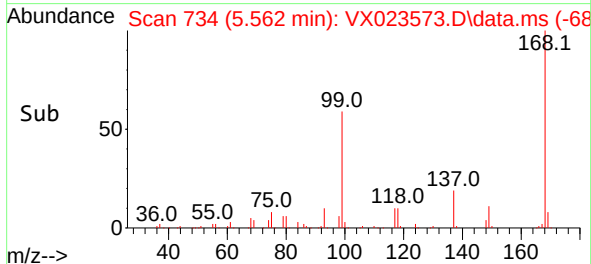
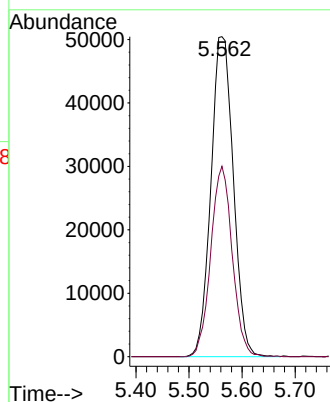
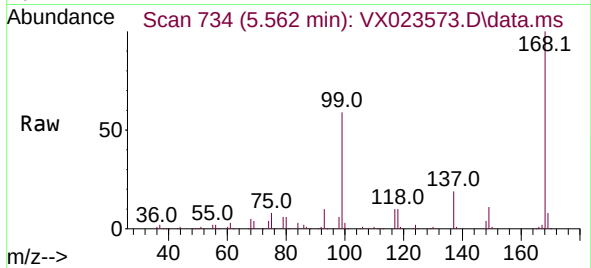




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

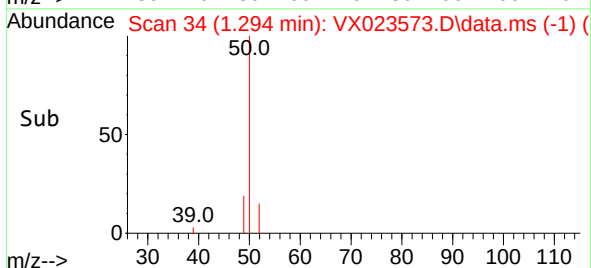
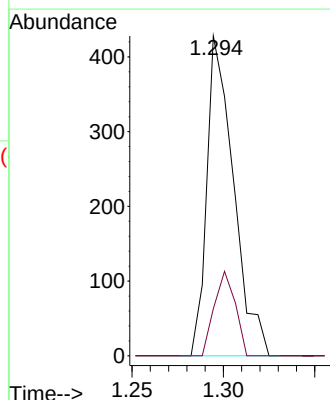
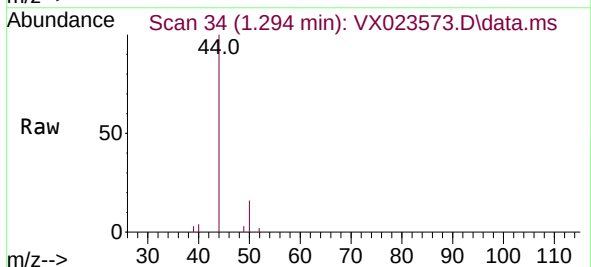
Instrument :
MSVOA_X
ClientSampleId :
MH-P17

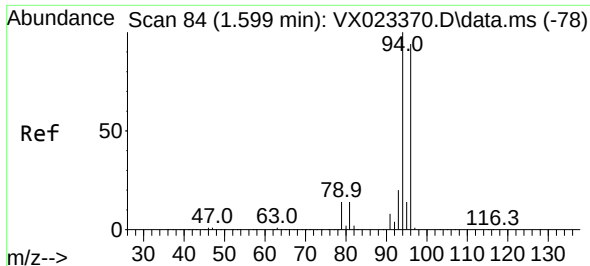
Tgt Ion:168 Resp: 148232
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#3
Chloromethane
Concen: 0.274 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

Tgt Ion: 50 Resp: 436
Ion Ratio Lower Upper
50 100
52 14.7 26.4 39.6#

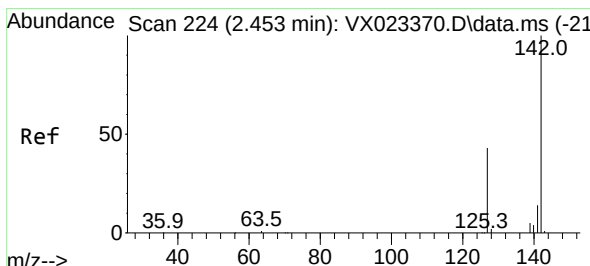
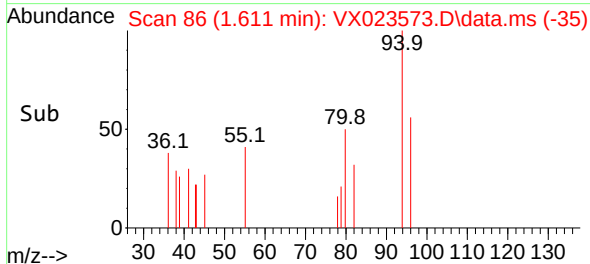
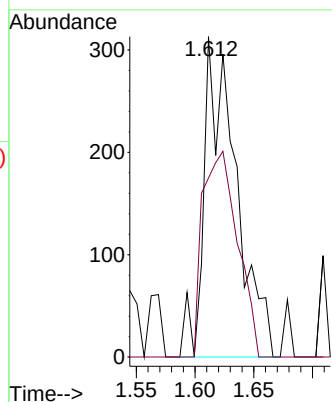
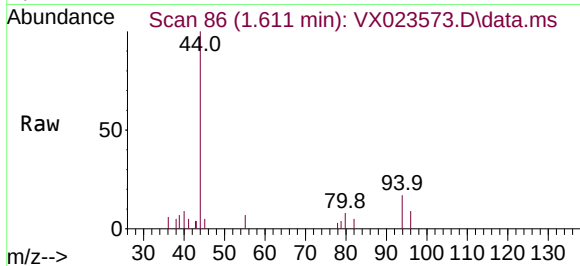




#5
Bromomethane
Concen: 0.624 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

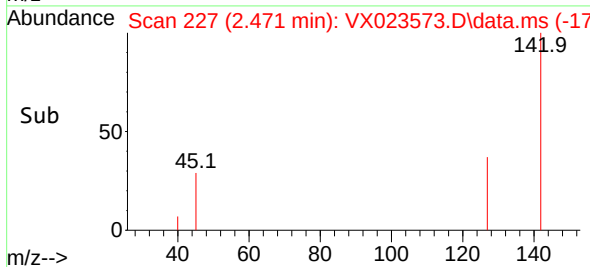
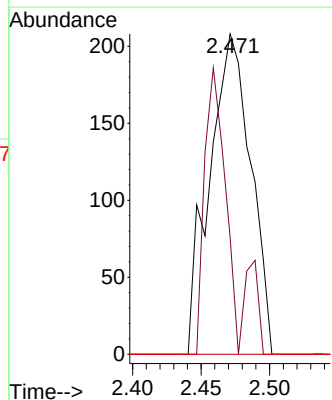
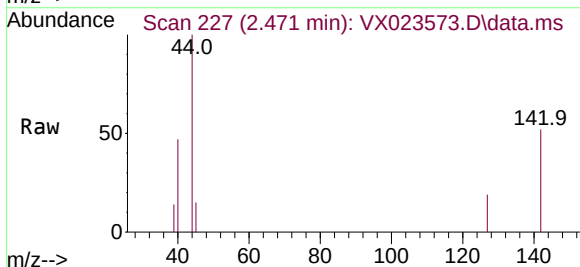
Instrument :
MSVOA_X
ClientSampled :
MH-P17

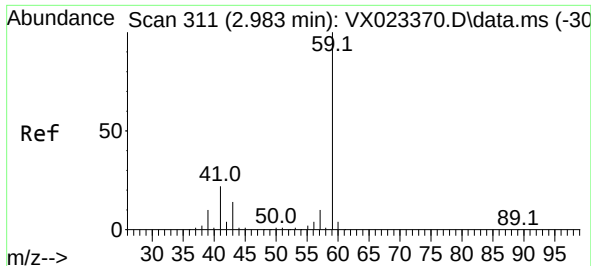
Tgt Ion: 94 Resp: 596
Ion Ratio Lower Upper
94 100
96 55.9 76.4 114.6#



#10
Methyl Iodide
Concen: 0.237 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

Tgt Ion: 142 Resp: 435
Ion Ratio Lower Upper
142 100
127 44.6 33.3 49.9
141 0.0 11.4 17.0#



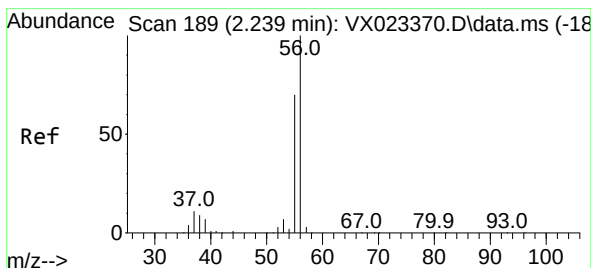
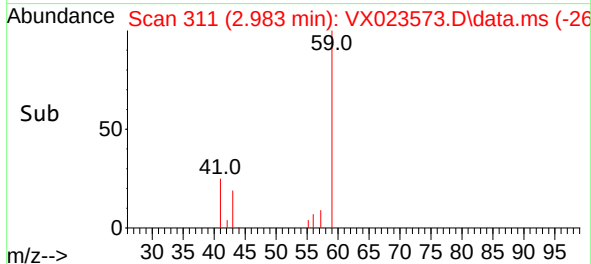
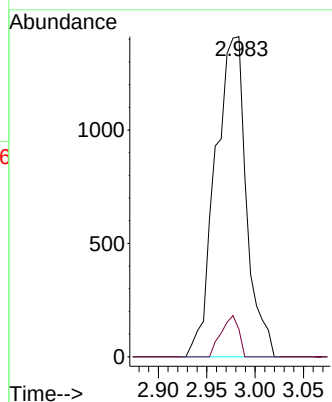
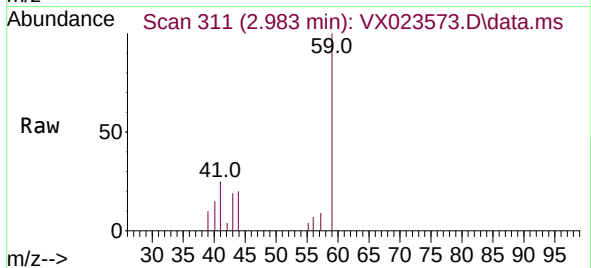


#11

Tert butyl alcohol
Concen: 7.486 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-P17

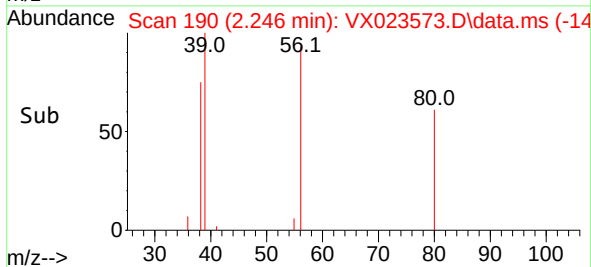
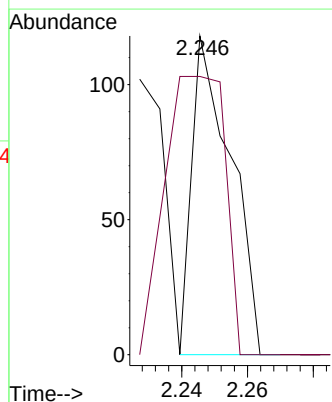
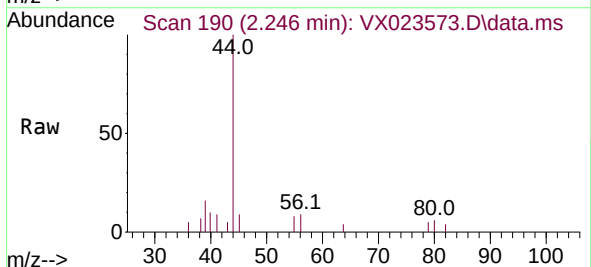
Tgt Ion: 59 Resp: 3162
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.8#

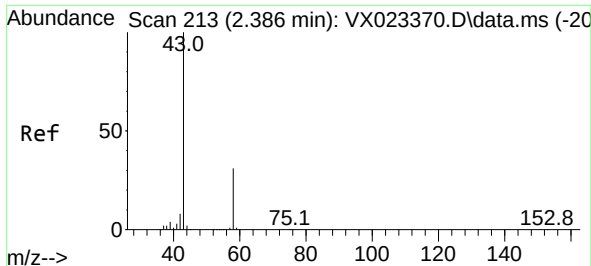


#13

Acrolein
Concen: 1.813 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

Tgt Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
55 135.1 56.4 84.6#

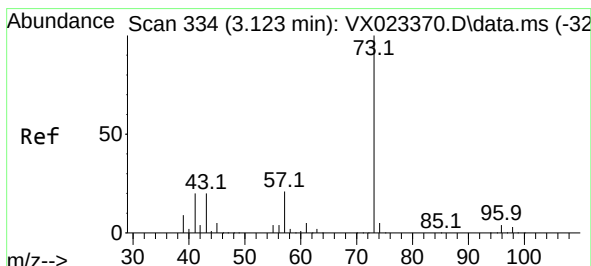
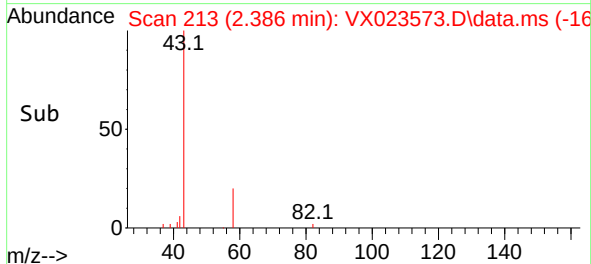
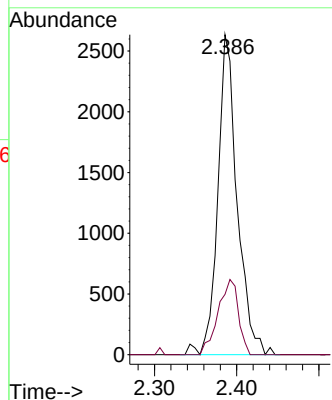
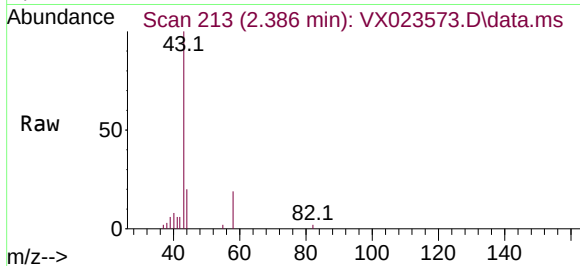




#16
Acetone
Concen: 4.764 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

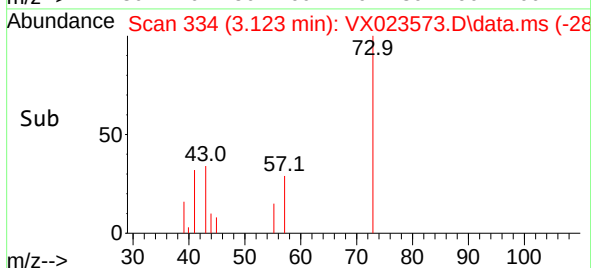
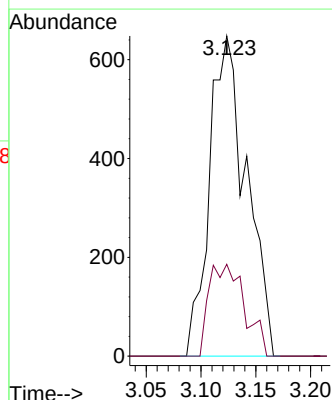
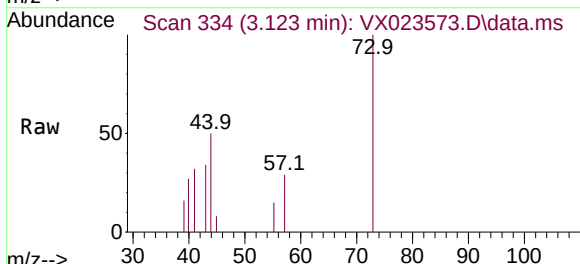
Instrument :
MSVOA_X
ClientSampleId :
MH-P17

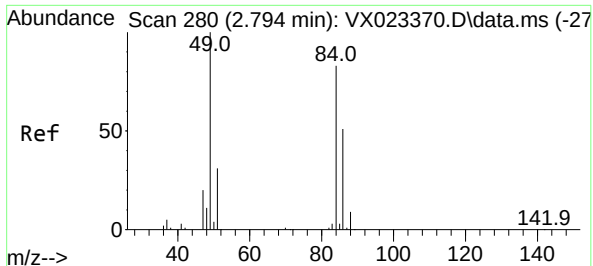
Tgt Ion: 43 Resp: 4321
Ion Ratio Lower Upper
43 100
58 18.9 27.8 41.8#



#19
Methyl tert-butyl Ether
Concen: 0.301 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

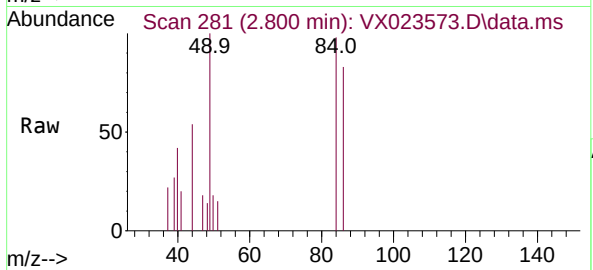
Tgt Ion: 73 Resp: 1522
Ion Ratio Lower Upper
73 100
57 28.7 17.1 25.7#



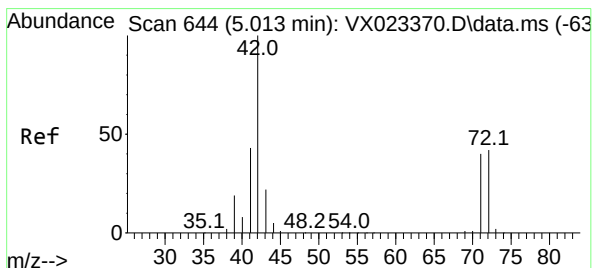
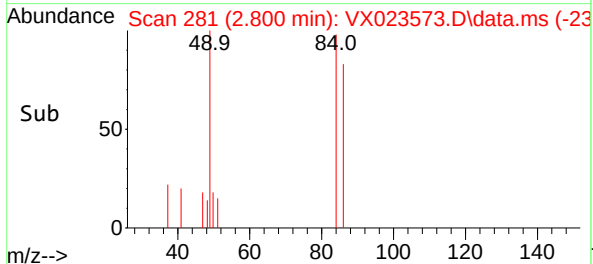
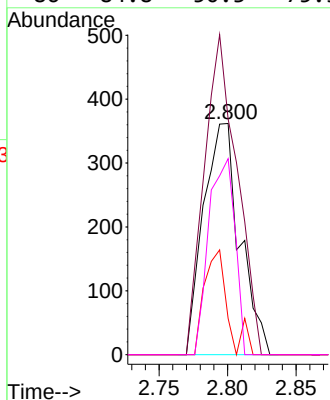


#20
Methylene Chloride
Concen: 0.379 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-P17

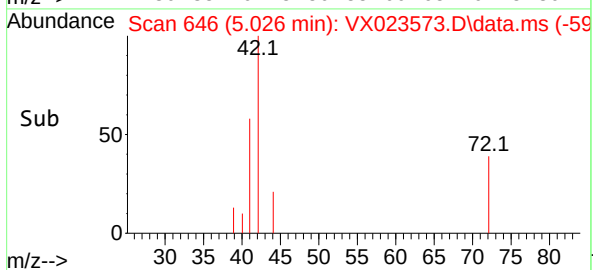
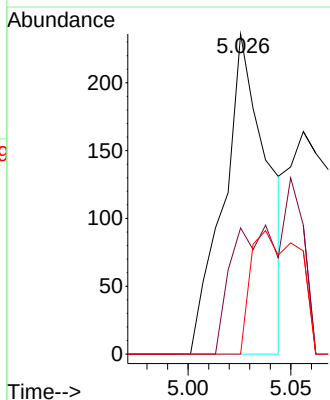
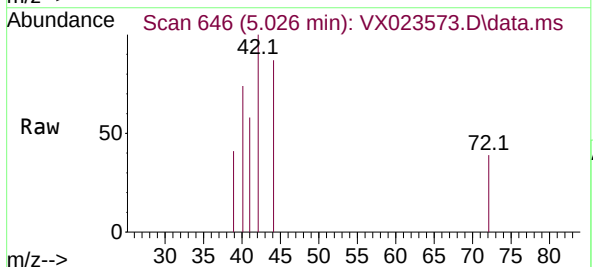


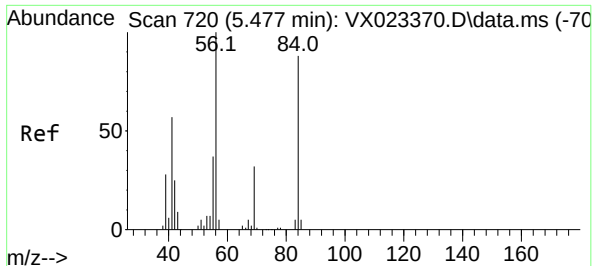
Tgt Ion:	84	Resp:	668
Ion	Ratio	Lower	Upper
84	100		
49	101.9	88.6	132.8
51	15.7	27.0	40.6#
86	84.8	50.3	75.5#



#29
Tetrahydrofuran
Concen: 0.379 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.013 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

Tgt Ion:	42	Resp:	350
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	42.0	38.4	57.6

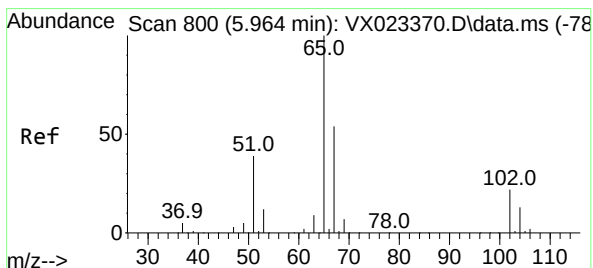
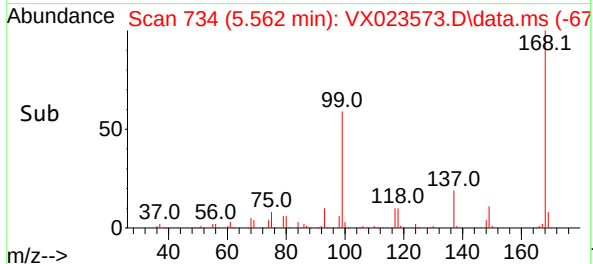
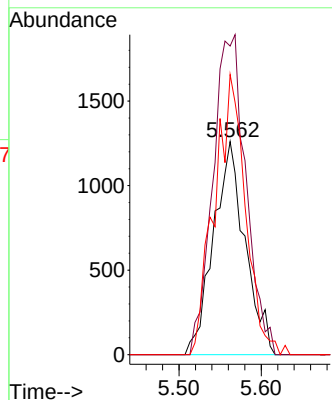
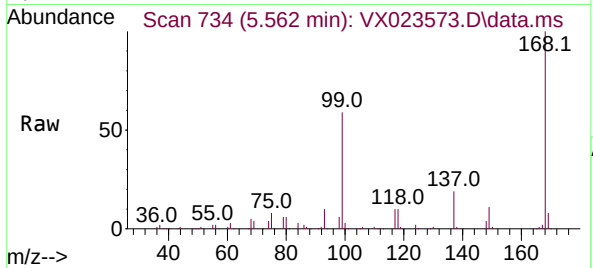




#31
Cyclohexane
Concen: 1.229 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

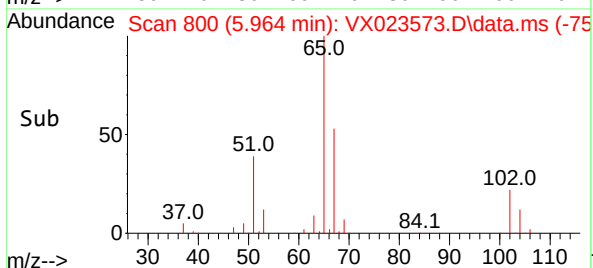
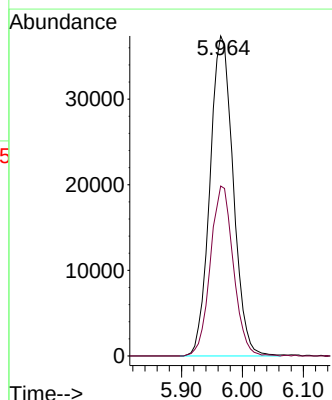
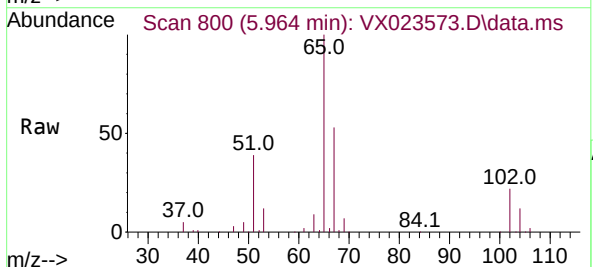
Instrument :
MSVOA_X
ClientSampleId :
MH-P17

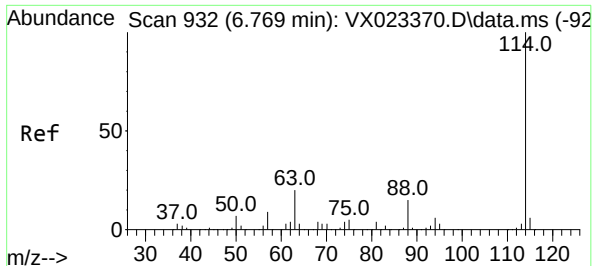
Tgt Ion: 56 Resp: 3366
Ion Ratio Lower Upper
56 100
69 144.8 25.3 37.9#
84 131.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.679 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

Tgt Ion: 65 Resp: 99255
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

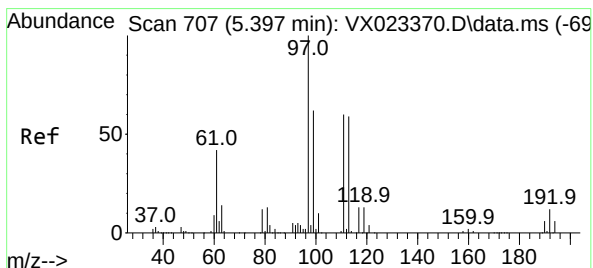
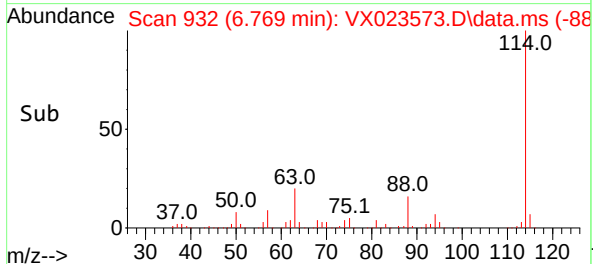
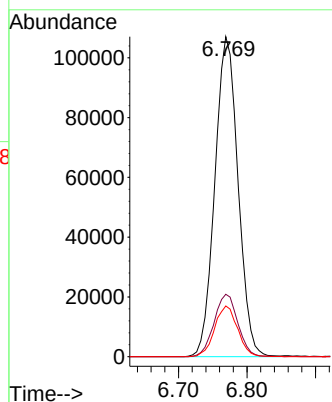
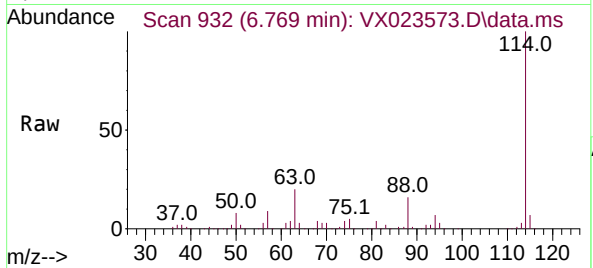




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

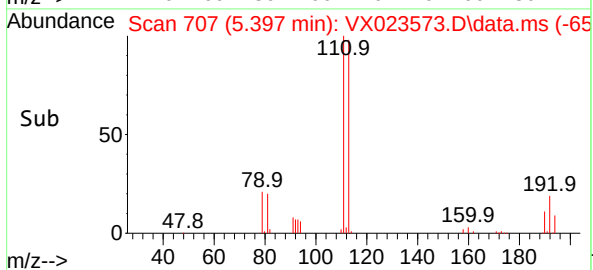
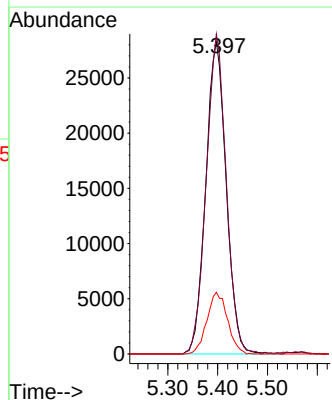
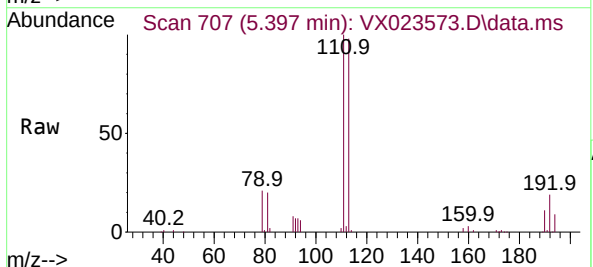
Instrument :
MSVOA_X
ClientSampleId :
MH-P17

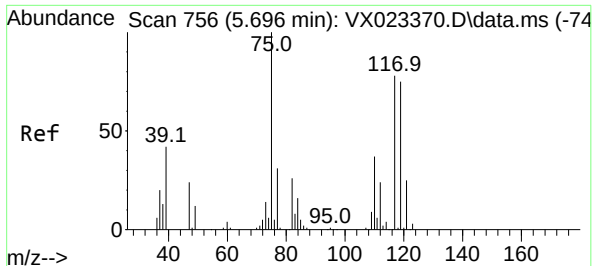
Tgt Ion:	114	Resp:	251175
Ion Ratio	Lower	Upper	
114	100		
63	19.5	0.0	40.8
88	15.9	0.0	32.8



#35
Dibromofluoromethane
Concen: 51.333 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

Tgt Ion:	113	Resp:	80617
Ion Ratio	Lower	Upper	
113	100		
111	100.3	81.9	122.9
192	19.8	16.7	25.1





#36

1,1-Dichloropropene

Concen: 5.258 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023573.D

Acq: 05 Aug 2021 15:26

Tgt Ion: 75 Resp: 11947

Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.4#

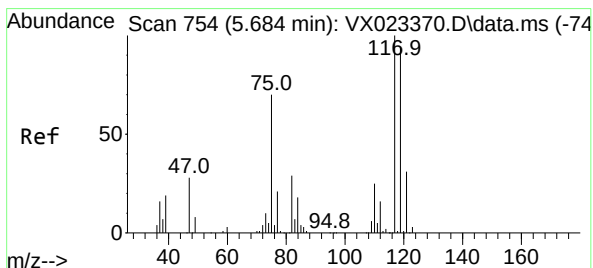
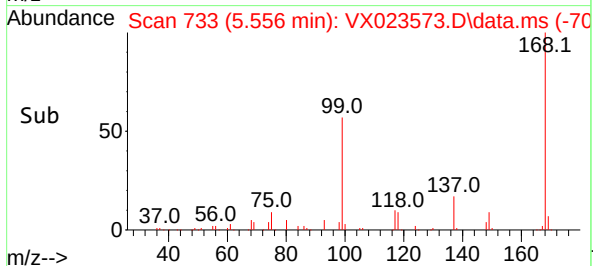
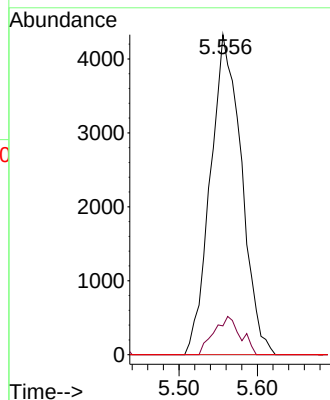
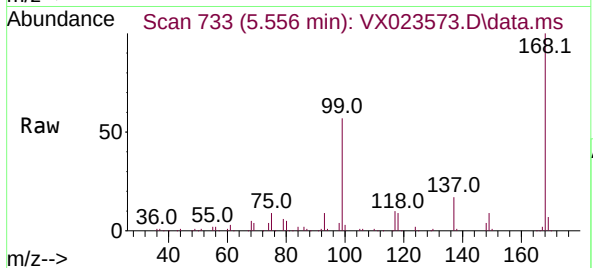
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :

MH-P17



#38

Carbon Tetrachloride

Concen: 6.321 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX023573.D

Acq: 05 Aug 2021 15:26

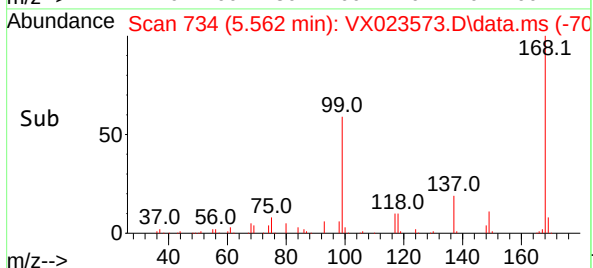
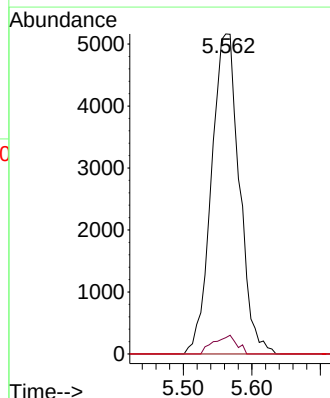
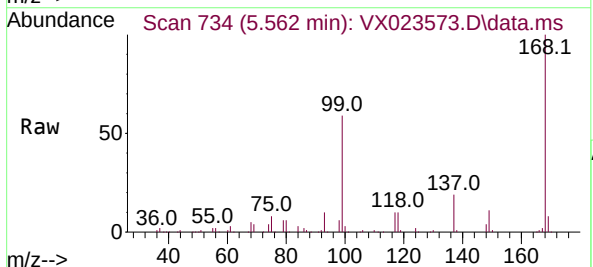
Tgt Ion: 117 Resp: 14605

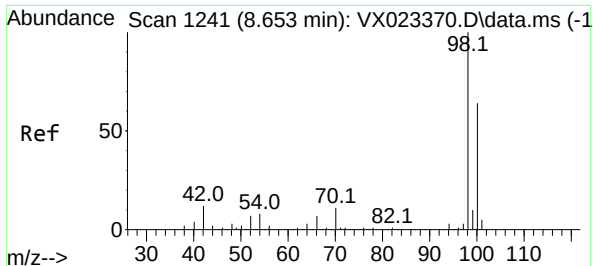
Ion Ratio Lower Upper

117 100

119 5.1 76.2 114.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.150 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023573.D

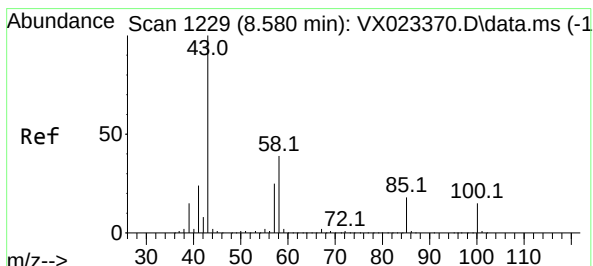
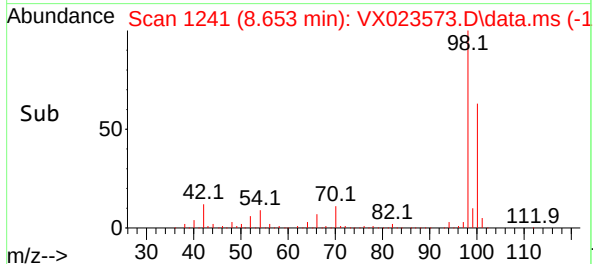
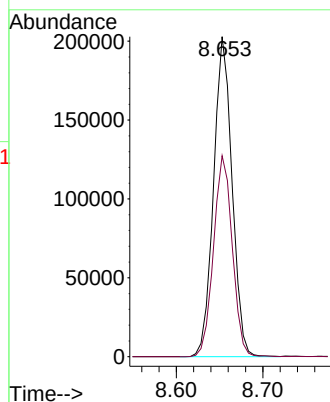
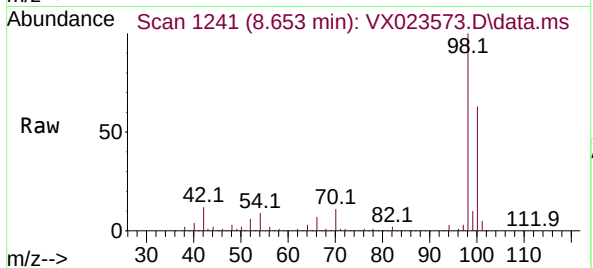
Acq: 05 Aug 2021 15:26

Tgt Ion: 98 Resp: 300902

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.568 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX023573.D

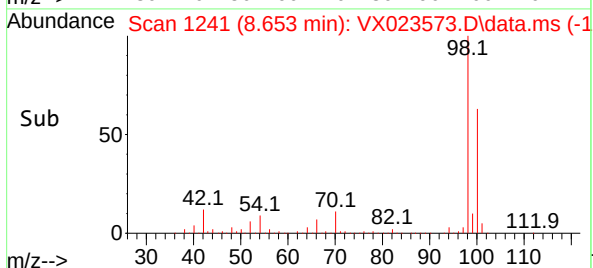
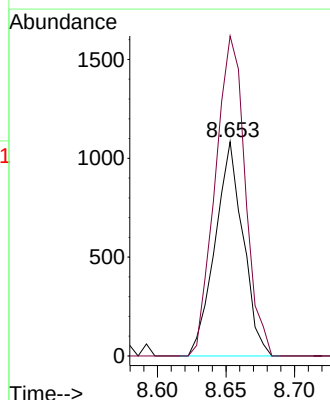
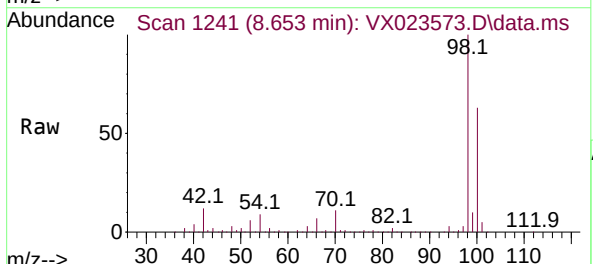
Acq: 05 Aug 2021 15:26

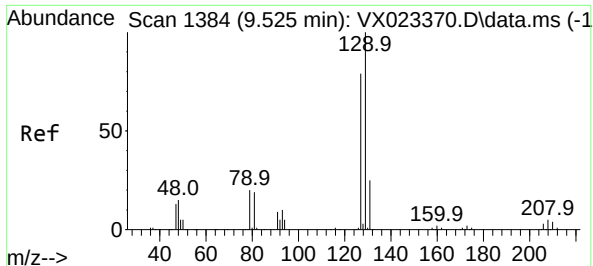
Tgt Ion: 43 Resp: 1541

Ion Ratio Lower Upper

43 100

58 159.7 35.4 53.0#





#60

Dibromochloromethane

Concen: 1.996 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX023573.D

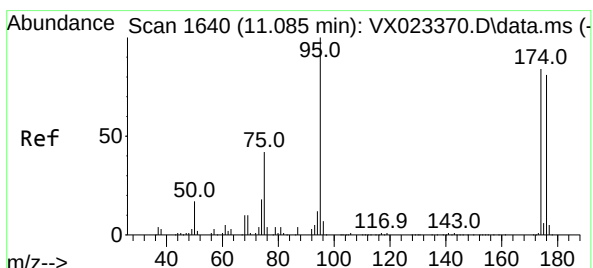
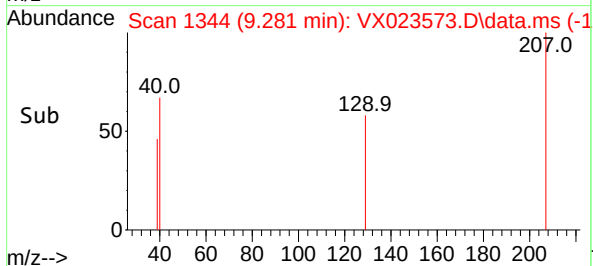
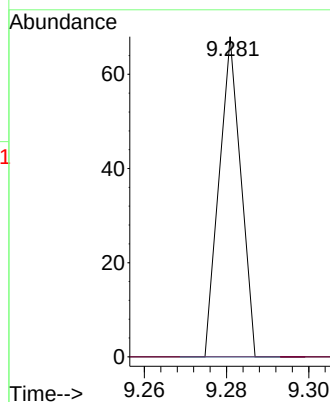
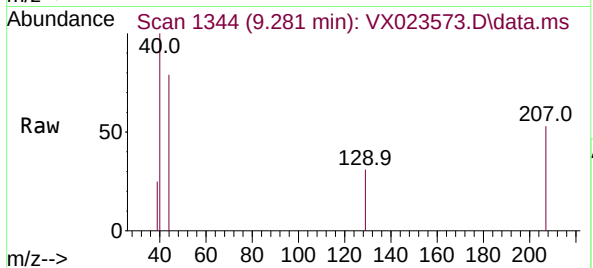
Acq: 05 Aug 2021 15:26

Tgt Ion:129 Resp: 25

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 50.764 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023573.D

Acq: 05 Aug 2021 15:26

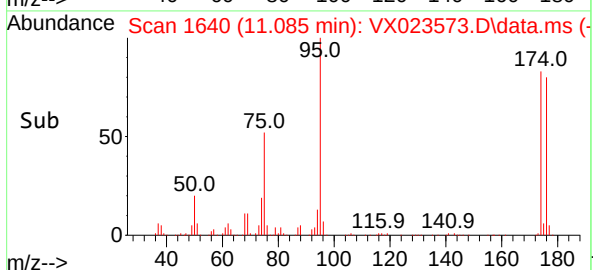
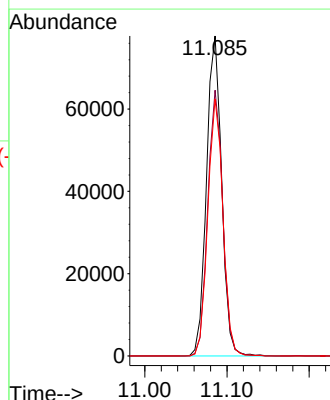
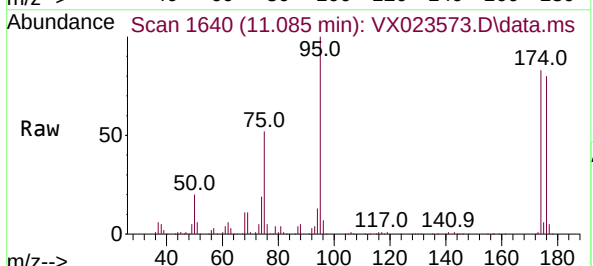
Tgt Ion: 95 Resp: 99599

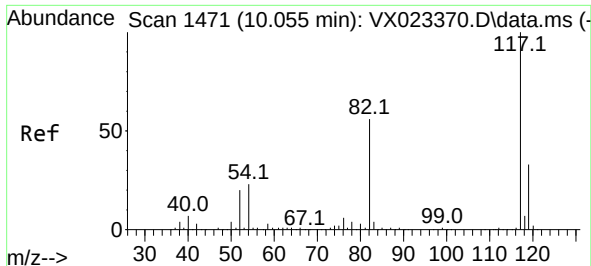
Ion Ratio Lower Upper

95 100

174 82.2 0.0 154.6

176 80.0 0.0 155.8

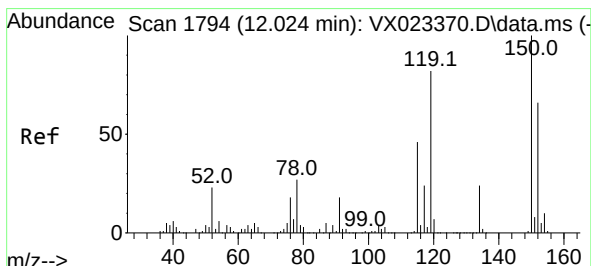
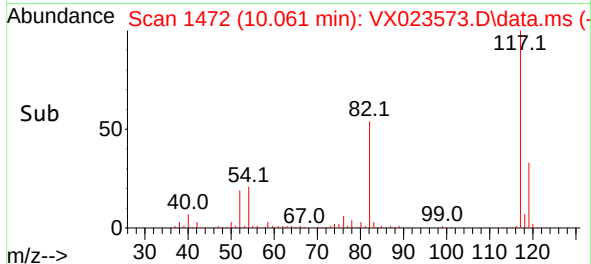
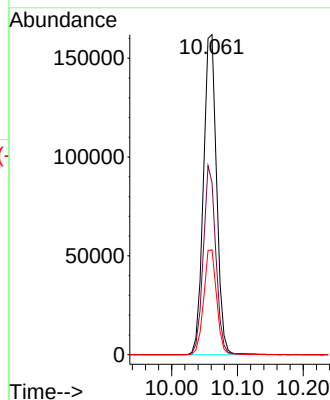
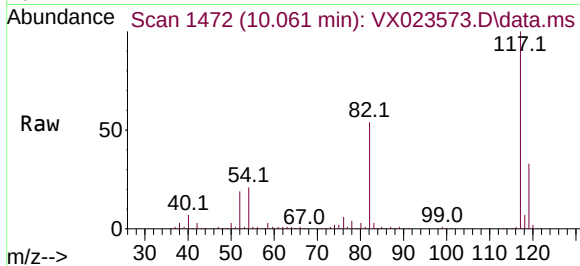




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

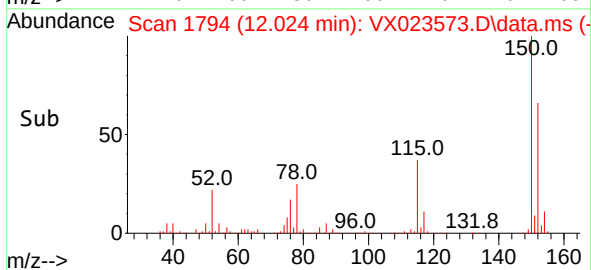
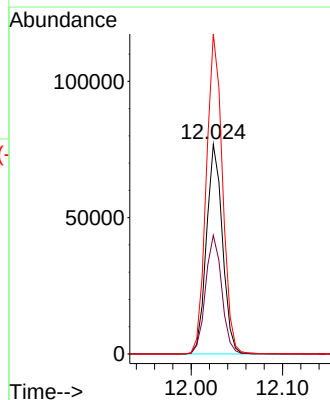
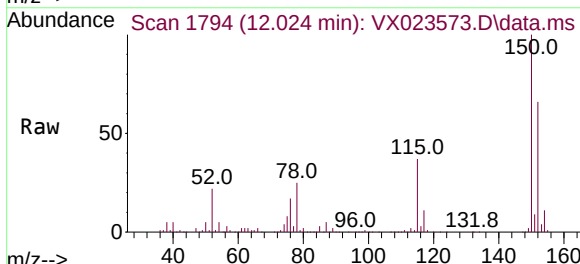
Instrument :
MSVOA_X
ClientSampleId :
MH-P17

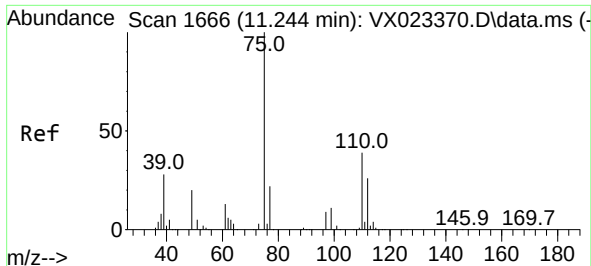
Tgt Ion:117 Resp: 225061
Ion Ratio Lower Upper
117 100
82 53.7 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

Tgt Ion:152 Resp: 93078
Ion Ratio Lower Upper
152 100
115 57.4 41.1 123.3
150 154.2 0.0 349.0

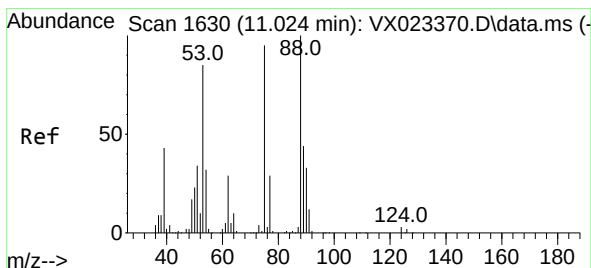
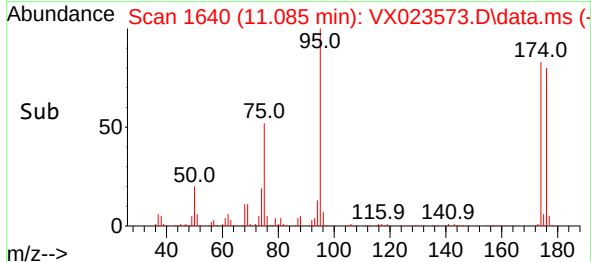
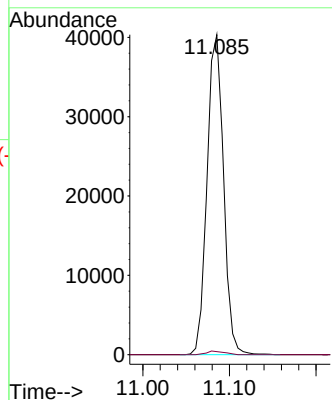
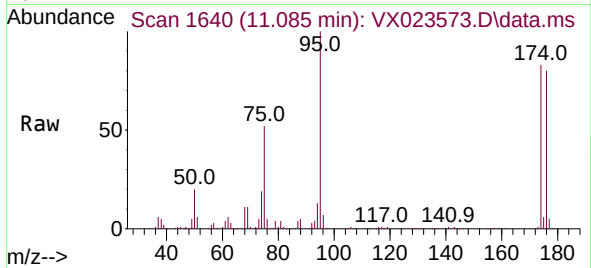




#76
1,2,3-Trichloropropane
Concen: 26.018 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

Instrument :
MSVOA_X
ClientSampled :
MH-P17

Tgt Ion: 75 Resp: 53291
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.959 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023573.D
Acq: 05 Aug 2021 15:26

Tgt Ion: 75 Resp: 53291
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

