

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025487.D
 Acq On : 03 Dec 2021 17:06
 Operator : JC/MD
 Sample : M4918-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-42

Quant Time: Dec 04 06:52:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

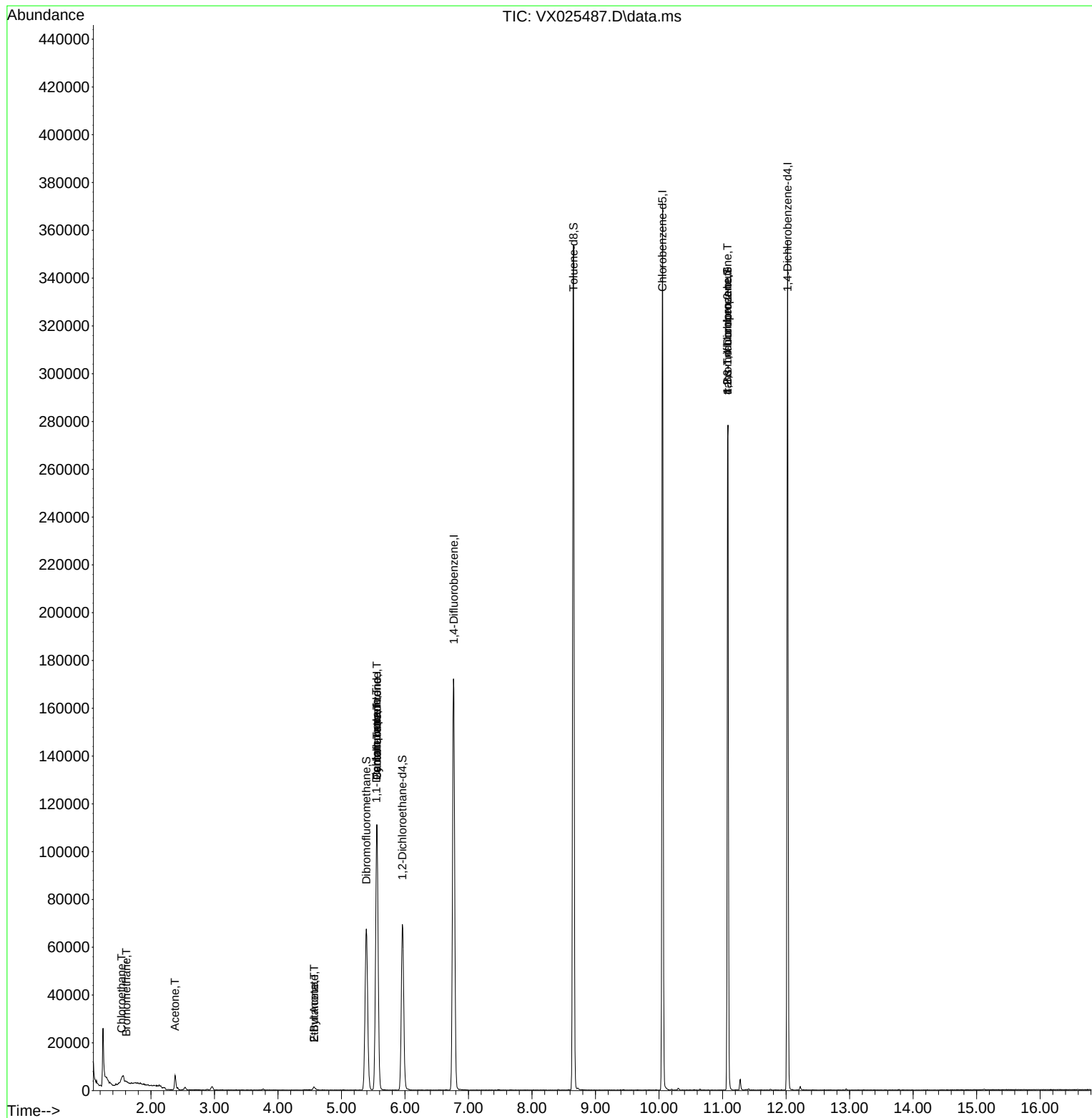
Internal Standards						
1) Pentafluorobenzene	5.556	168	110431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	188084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65641	56.392	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 112.780%		
35) Dibromofluoromethane	5.391	113	58734	50.895	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 101.800%		
50) Toluene-d8	8.653	98	217464	50.119	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 100.240%		
62) 4-Bromofluorobenzene	11.079	95	74979	45.678	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 91.360%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	259	0.463	ug/l	90
6) Chloroethane	1.538	64	3936	4.384	ug/l #	60
11) Tert butyl alcohol	2.959	59	1802	Below Cal	#	92
16) Acetone	2.380	43	6194	9.576	ug/l	100
25) 2-Butanone	4.568	43	2469	2.640	ug/l	100
31) Cyclohexane	5.556	56	2175	1.209	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7652	4.663	ug/l #	50
37) Ethyl Acetate	4.568	43	2469	1.322	ug/l #	68
38) Carbon Tetrachloride	5.556	117	10604	5.867	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	36851	24.327	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36851	61.283	ug/l #	9
95) Naphthalene	13.780	128	207	Below Cal	#	69

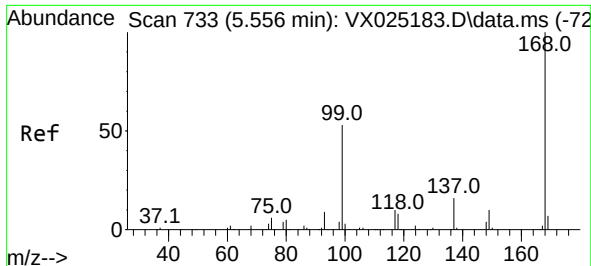
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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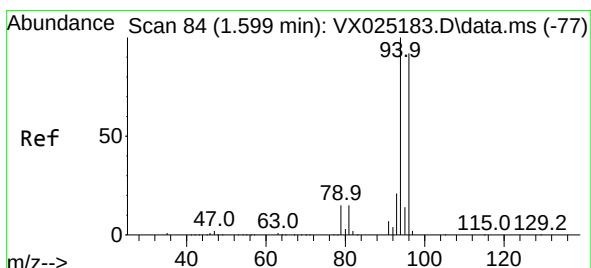
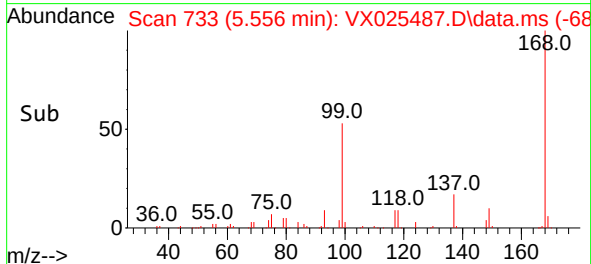
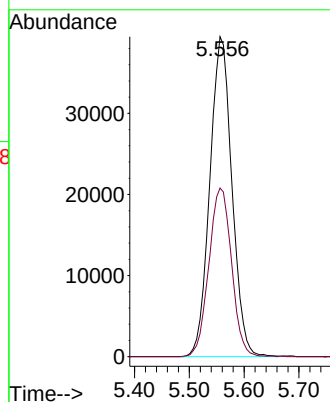
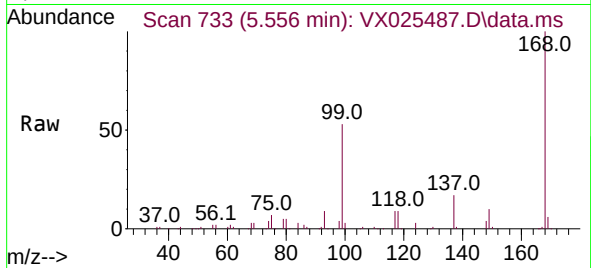




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

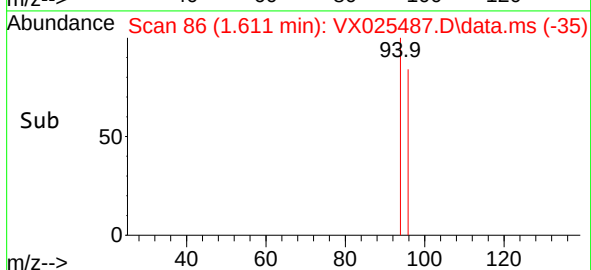
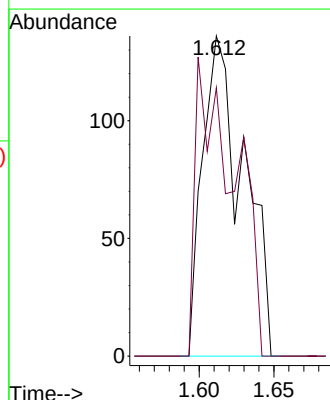
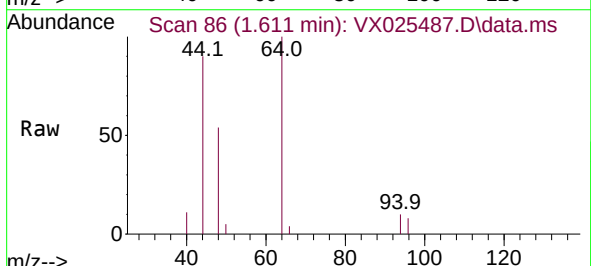
Instrument :
MSVOA_X
ClientSampleId :
MW-42

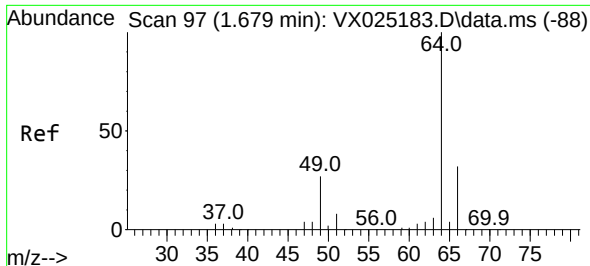
Tgt Ion:168 Resp: 110431
Ion Ratio Lower Upper
168 100
99 52.7 46.4 69.6



#5
Bromomethane
Concen: 0.463 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 83.8 74.8 112.2

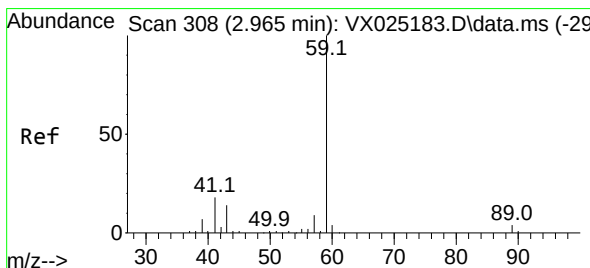
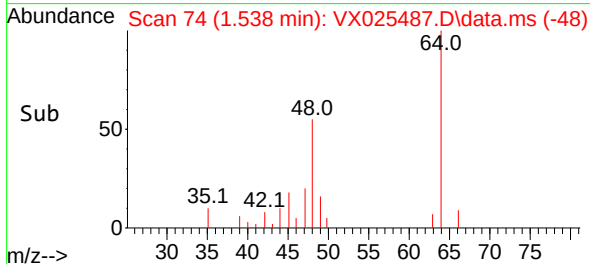
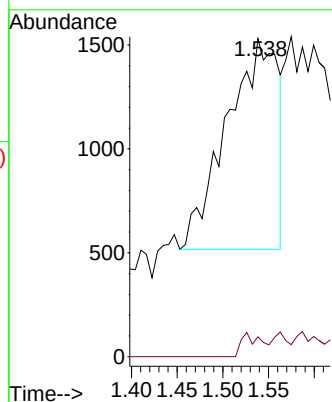
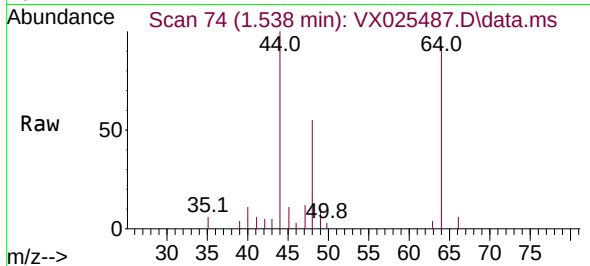




#6
Chloroethane
Concen: 4.384 ug/l
RT: 1.538 min Scan# 74
Delta R.T. -0.141 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

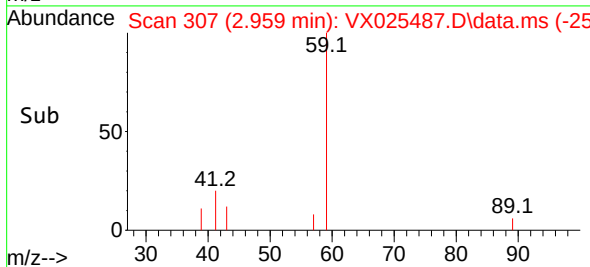
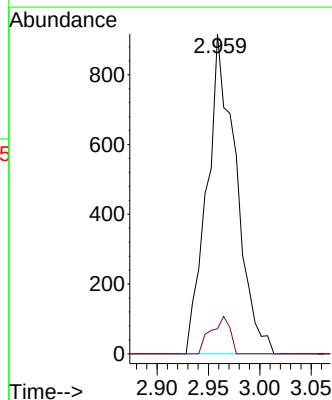
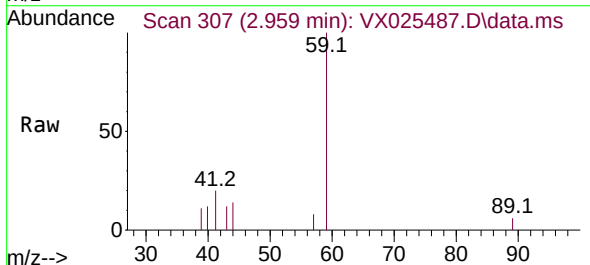
Instrument :
MSVOA_X
ClientSampleId :
MW-42

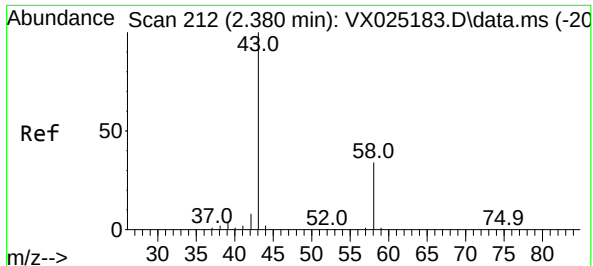
Tgt Ion: 64 Resp: 3936
Ion Ratio Lower Upper
64 100
66 9.5 25.6 38.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

Tgt Ion: 59 Resp: 1802
Ion Ratio Lower Upper
59 100
57 7.7 8.5 12.7#

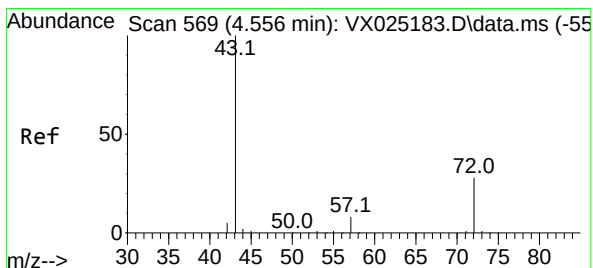
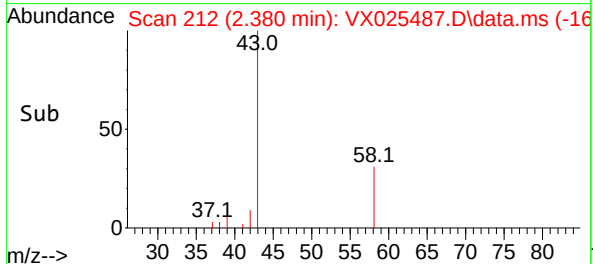
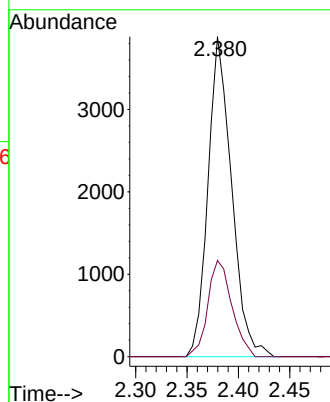
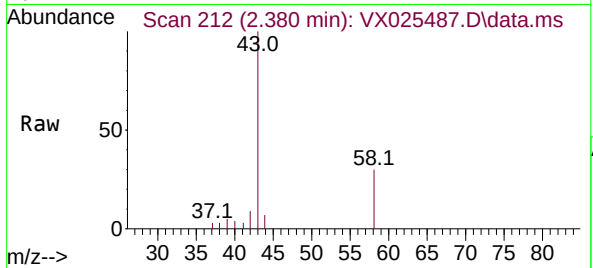




#16
Acetone
Concen: 9.576 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

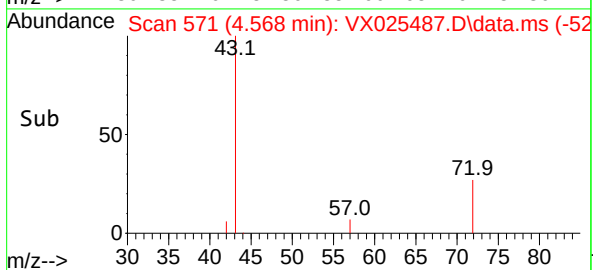
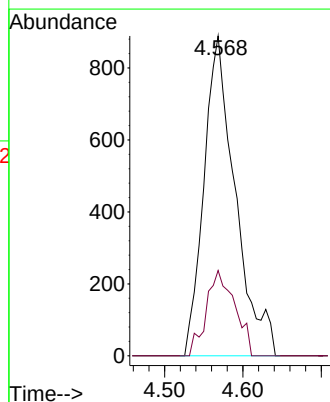
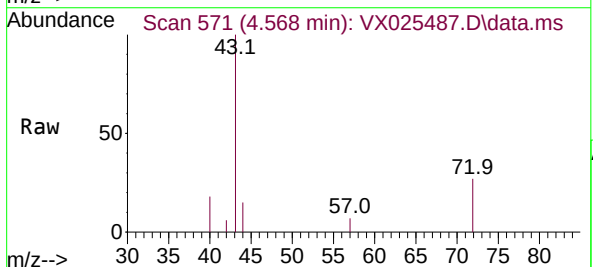
Instrument :
MSVOA_X
ClientSampleId :
MW-42

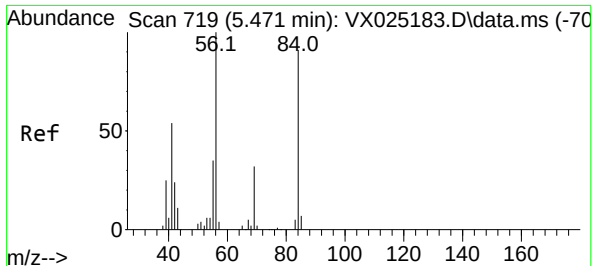
Tgt Ion: 43 Resp: 6194
Ion Ratio Lower Upper
43 100
58 30.0 24.0 36.0



#25
2-Butanone
Concen: 2.640 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

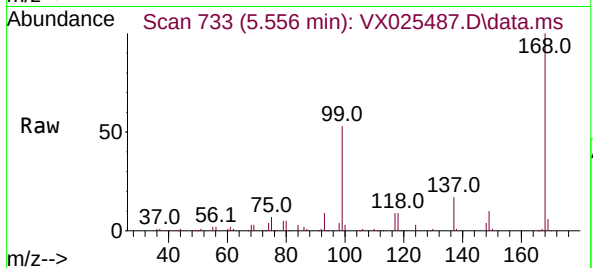
Tgt Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
72 26.7 21.2 31.8



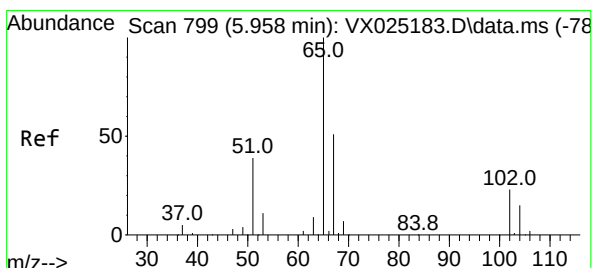
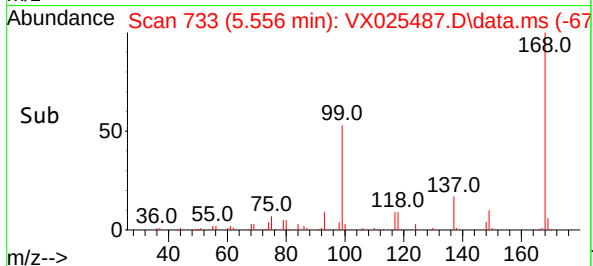
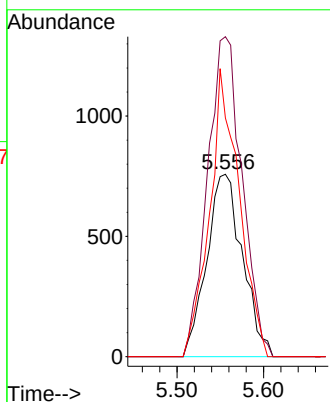


#31
Cyclohexane
Concen: 1.209 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :
MW-42

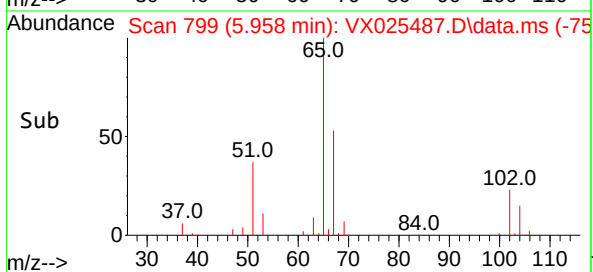
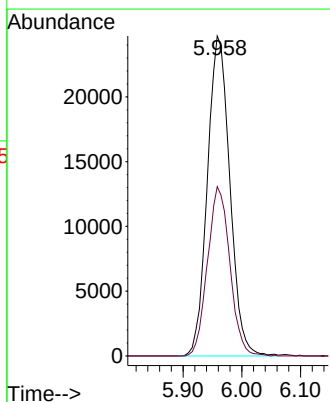
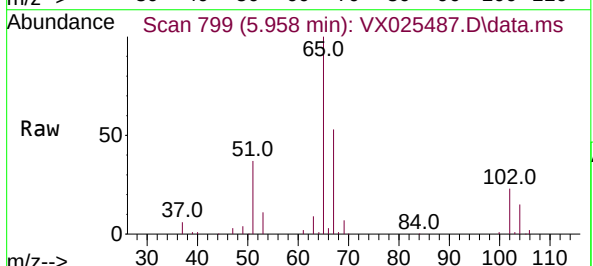


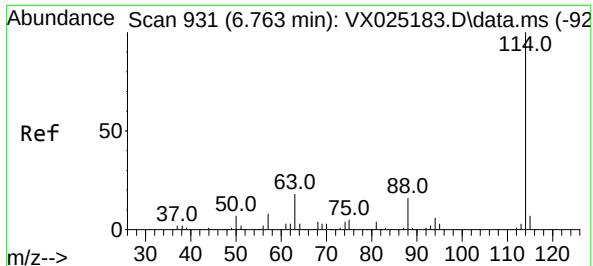
Tgt Ion: 56 Resp: 2175
Ion Ratio Lower Upper
56 100
69 175.5 24.2 36.2#
84 130.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 56.392 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

Tgt Ion: 65 Resp: 65641
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX025487.D

Acq: 03 Dec 2021 17:06

Instrument :

MSVOA_X

ClientSampleId :

MW-42

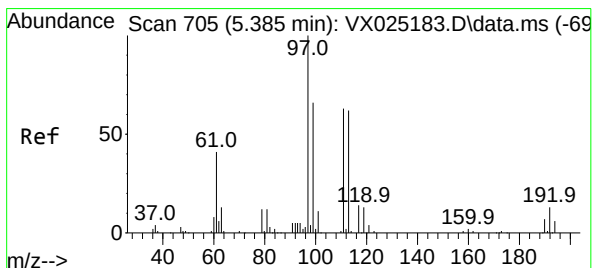
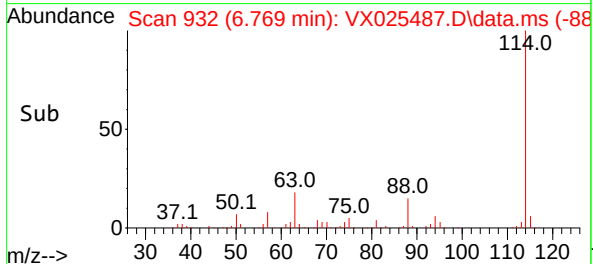
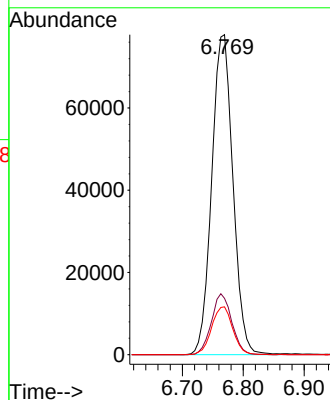
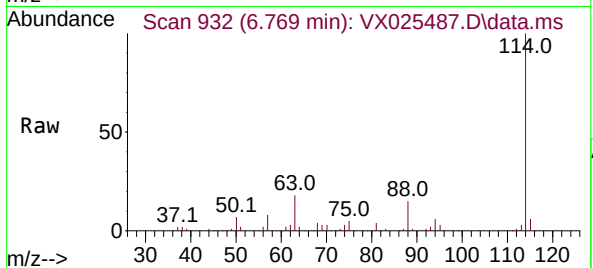
Tgt Ion:114 Resp: 188084

Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.895 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025487.D

Acq: 03 Dec 2021 17:06

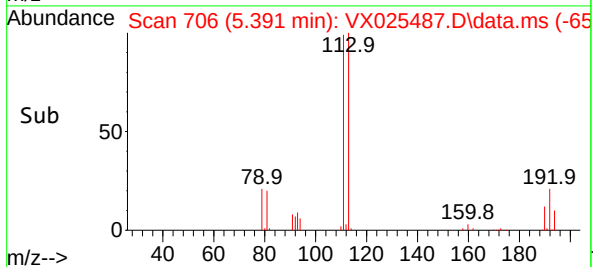
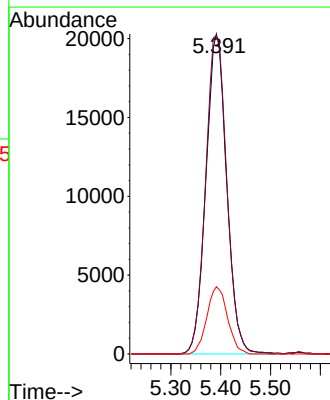
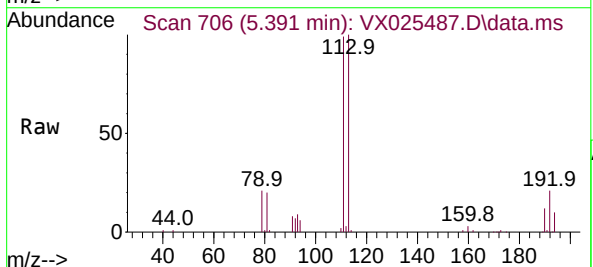
Tgt Ion:113 Resp: 58734

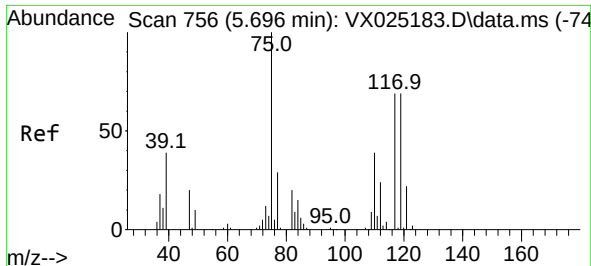
Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

192 20.9 15.6 23.4

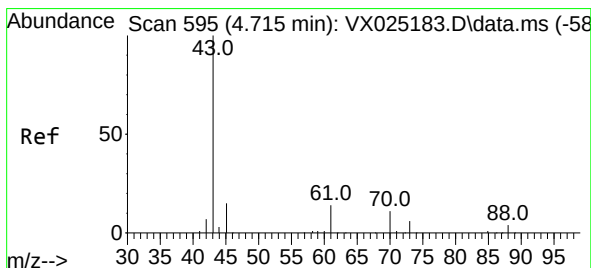
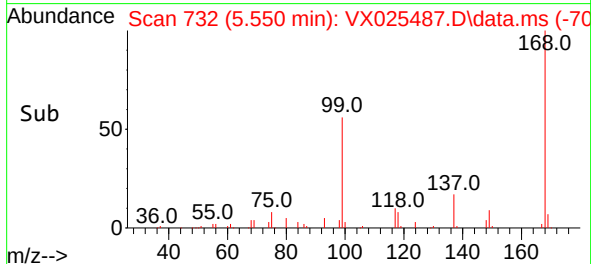
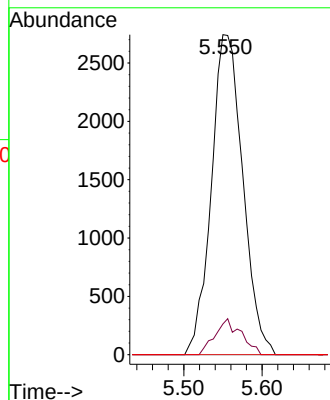
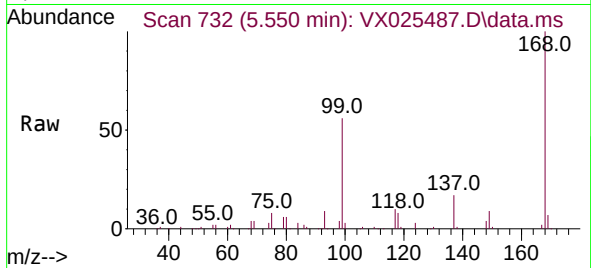




#36
1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

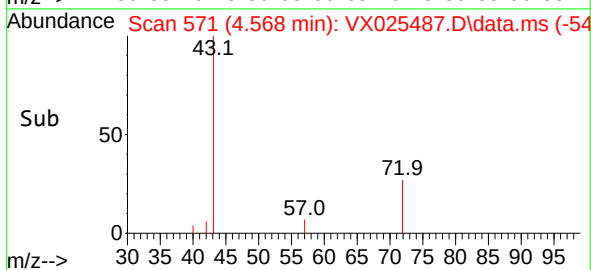
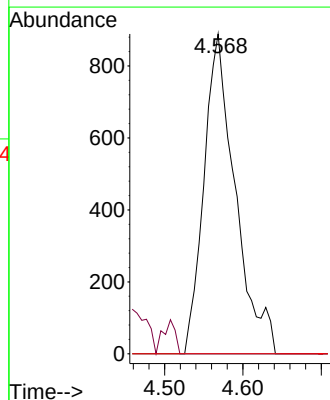
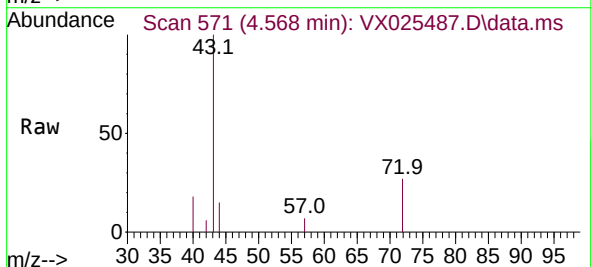
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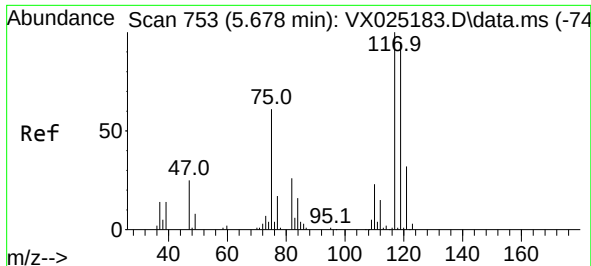
Tgt Ion: 75 Resp: 7652
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.3#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.322 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.147 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

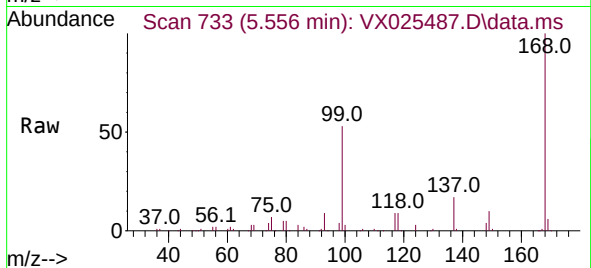
Tgt Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 8.6 12.8#



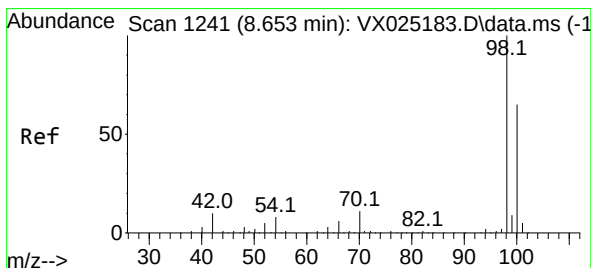
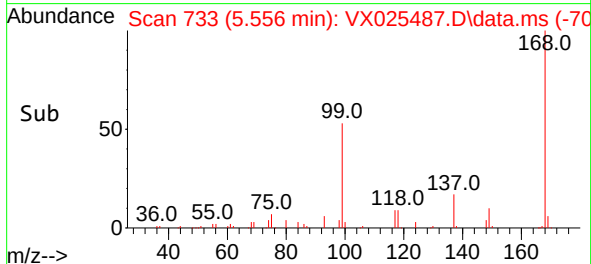
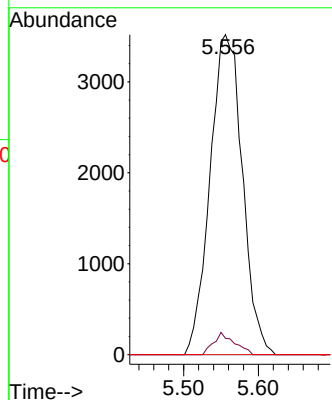


#38
Carbon Tetrachloride
Concen: 5.867 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

Instrument :
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ClientSampleId :
MW-42

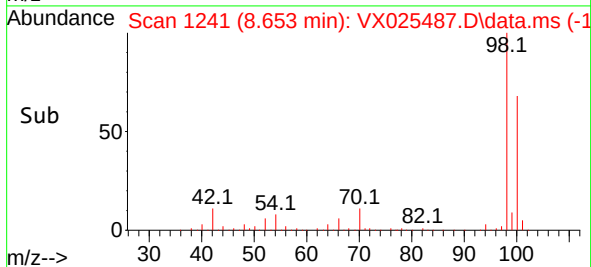
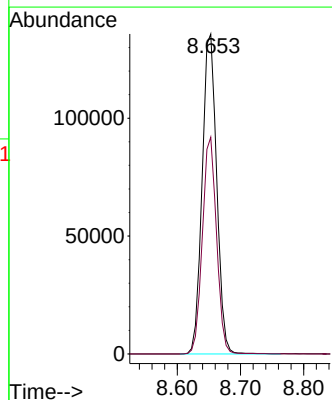
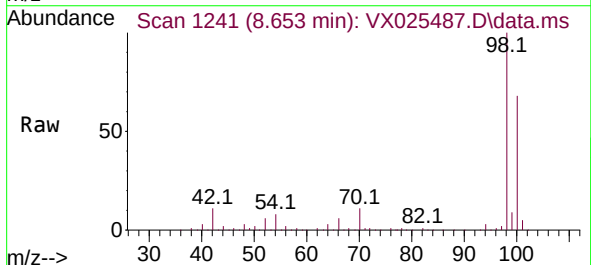


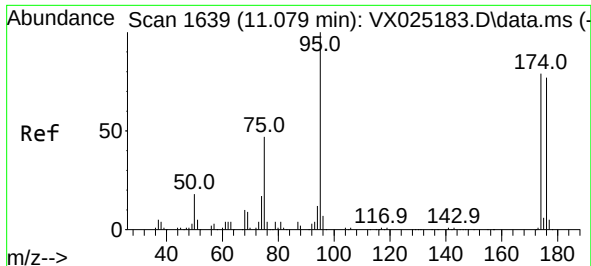
Tgt Ion:117 Resp: 10604
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 50.119 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

Tgt Ion: 98 Resp: 217464
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.0

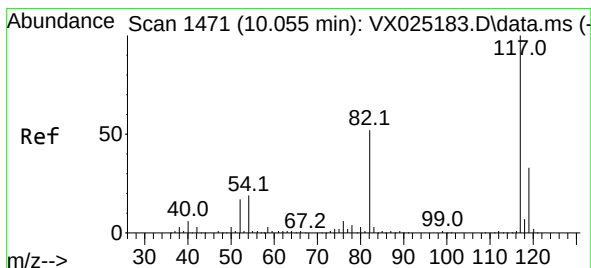
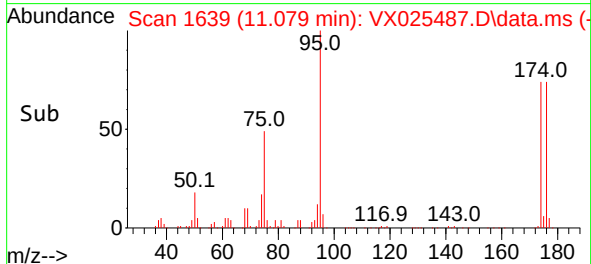
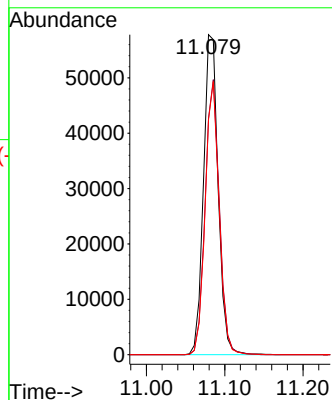
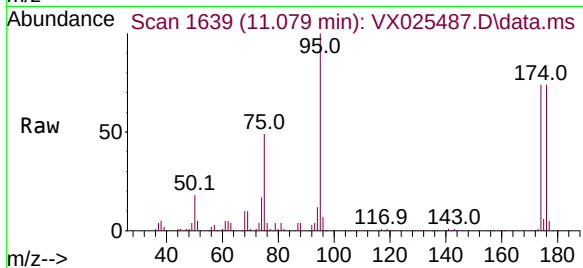




#62
4-Bromofluorobenzene
Concen: 45.678 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

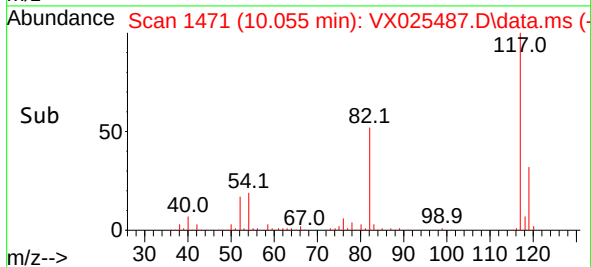
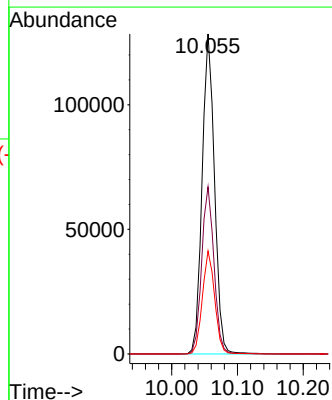
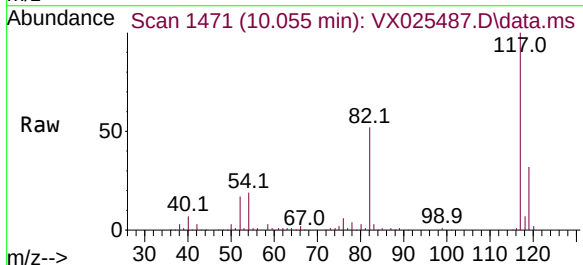
Instrument :
MSVOA_X
ClientSampleId :
MW-42

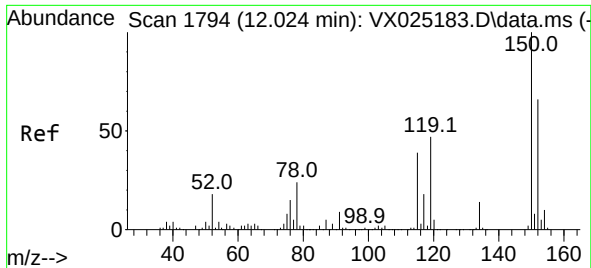
Tgt Ion: 95 Resp: 74979
Ion Ratio Lower Upper
95 100
174 83.4 0.0 158.0
176 81.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

Tgt Ion: 117 Resp: 168174
Ion Ratio Lower Upper
117 100
82 52.3 44.6 67.0
119 32.2 24.8 37.2

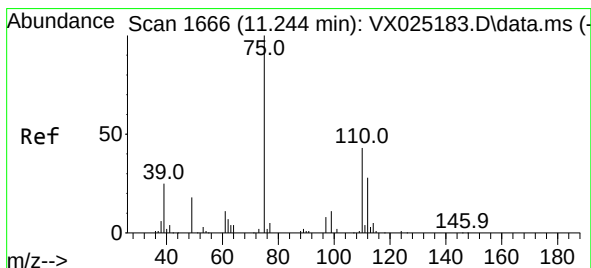
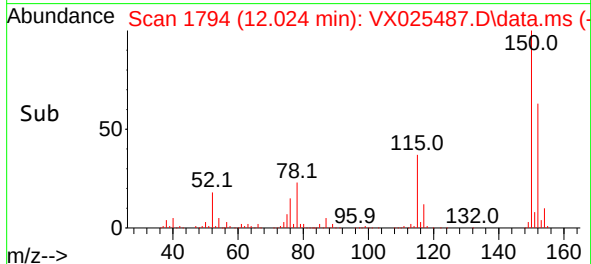
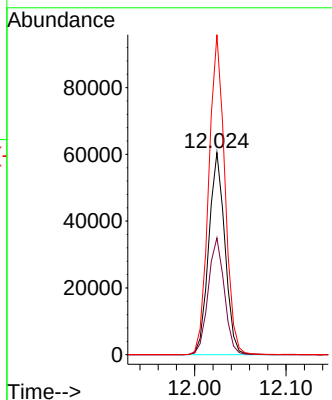
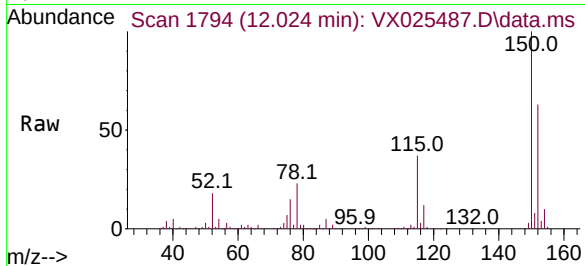




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025487.D
 Acq: 03 Dec 2021 17:06

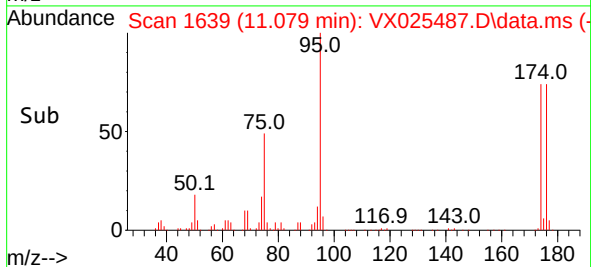
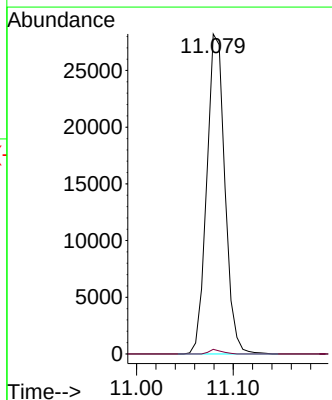
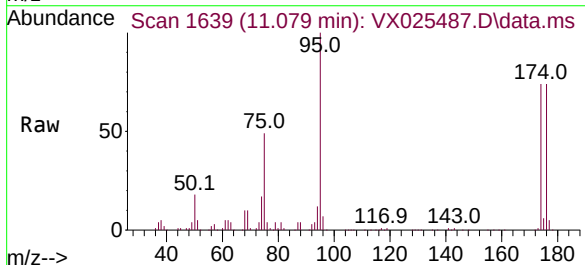
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-42

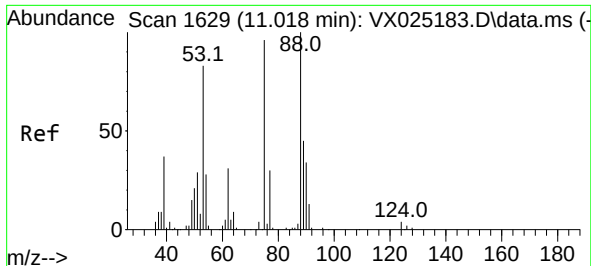
Tgt Ion:152 Resp: 73974
 Ion Ratio Lower Upper
 152 100
 115 57.9 43.3 129.8
 150 157.9 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 24.327 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025487.D
 Acq: 03 Dec 2021 17:06

Tgt Ion: 75 Resp: 36851
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#

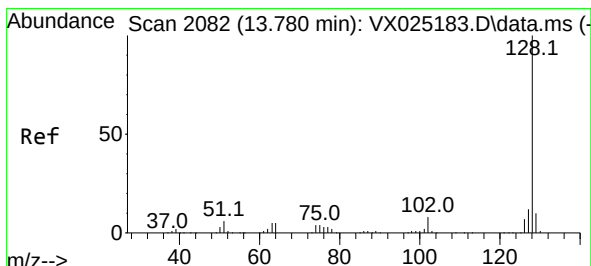
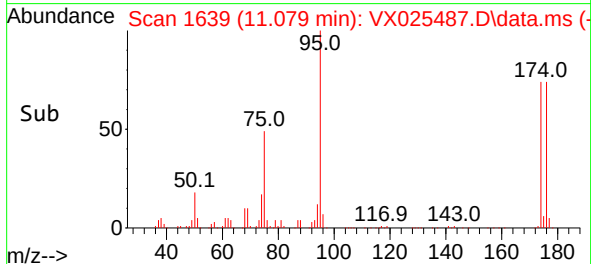
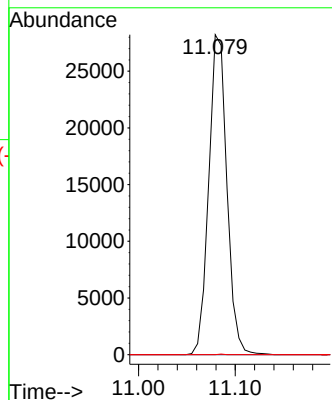
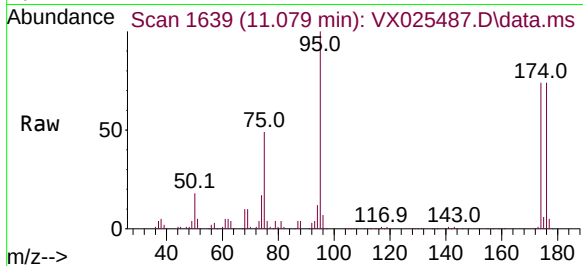




#81
trans-1,4-Dichloro-2-butene
Concen: 61.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :
MW-42

Tgt Ion: 75 Resp: 36851
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.1 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025487.D
Acq: 03 Dec 2021 17:06

Tgt Ion: 128 Resp: 207
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

