

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031547.D
 Acq On : 22 Sep 2022 04:09
 Operator : JC/MD
 Sample : N4642-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Sep 22 04:45:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

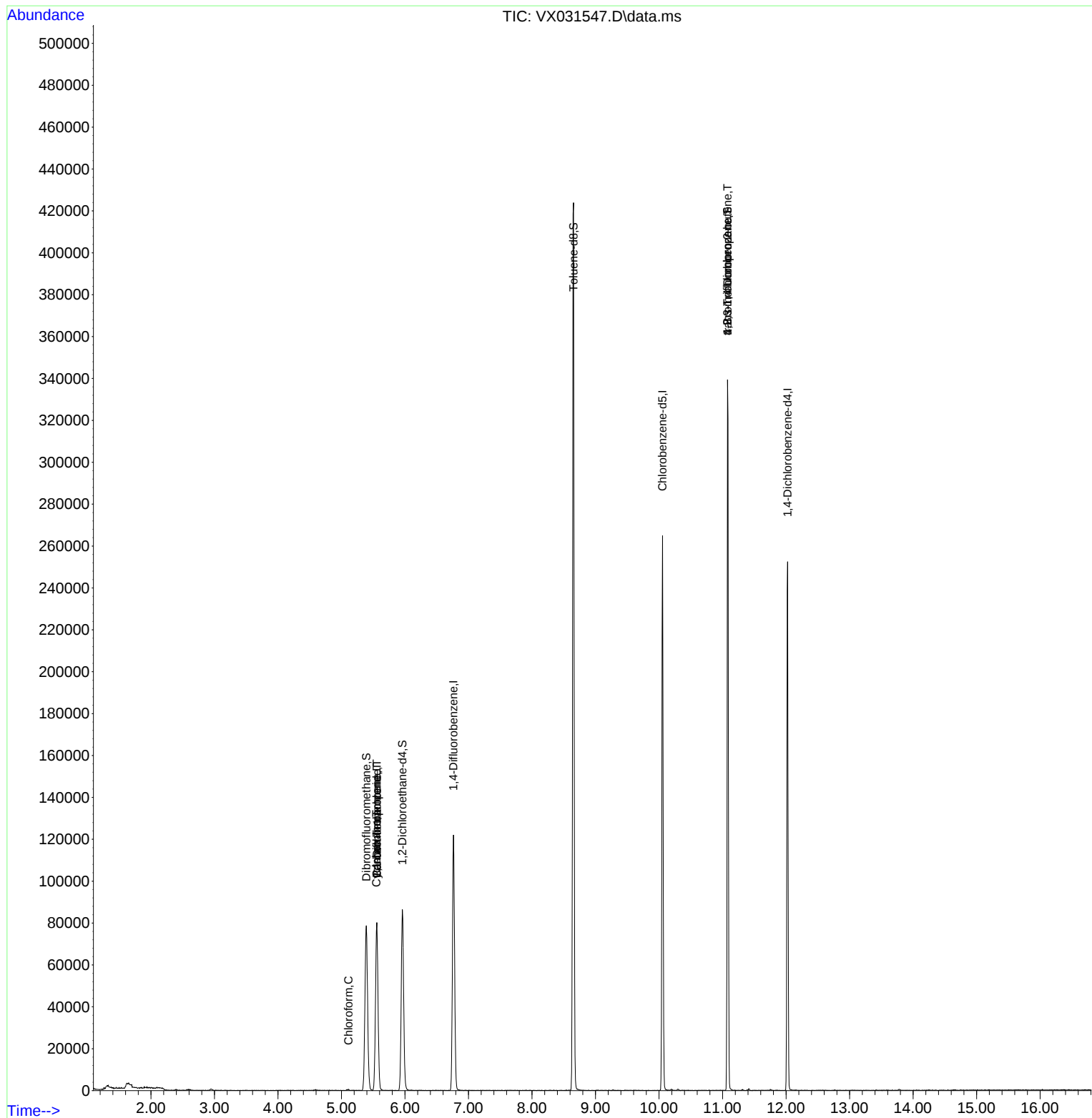
Internal Standards						
1) Pentafluorobenzene	5.556	168	77027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125352	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76141	53.884	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.760%	
35) Dibromofluoromethane	5.391	113	64856	50.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.120%	
50) Toluene-d8	8.653	98	250024	50.063	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	11.079	95	75238	44.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.960%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	113	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	364	Below Cal	#	73
13) Acrolein	2.038	56	22	Below Cal	#	15
16) Acetone	2.398	43	500	Below Cal		92
30) Chloroform	5.111	83	537	0.205	ug/l #	77
31) Cyclohexane	5.550	56	1852	0.884	ug/l #	55
36) 1,1-Dichloropropene	5.556	75	5754	2.888	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7791	3.528	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	11.079	83	165	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	43368	38.129	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43368	122.768	ug/l #	11

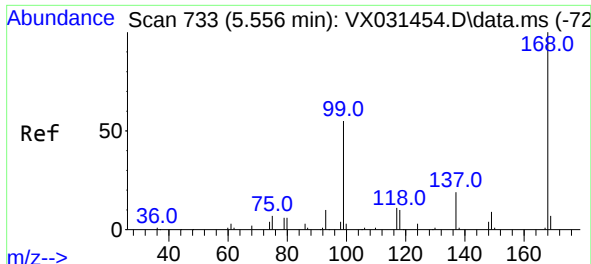
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

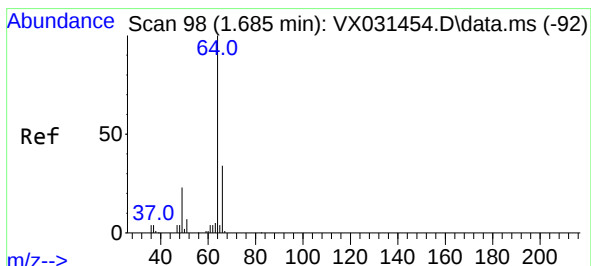
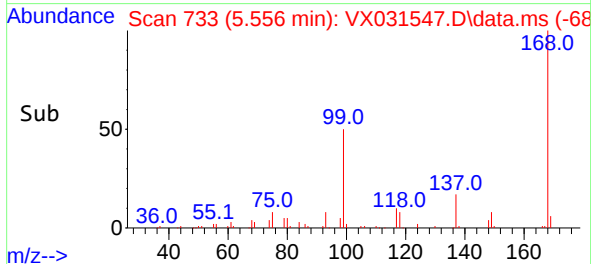
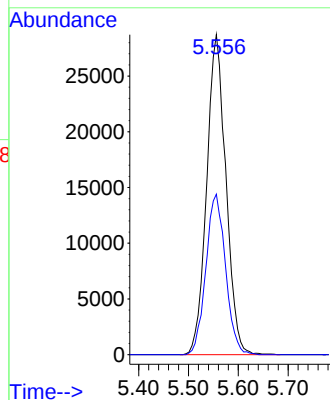
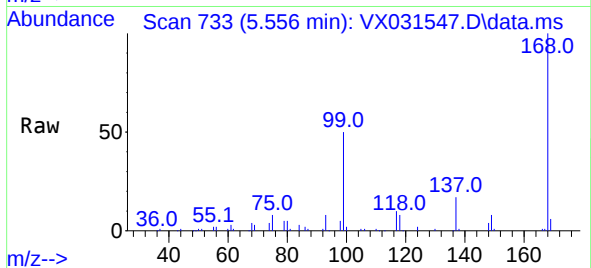




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

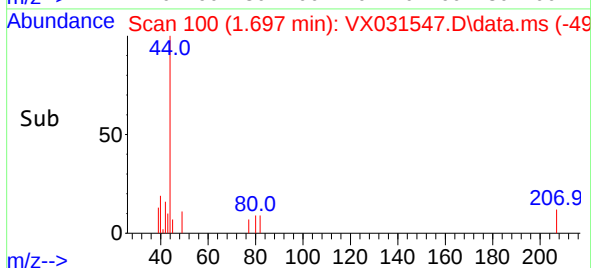
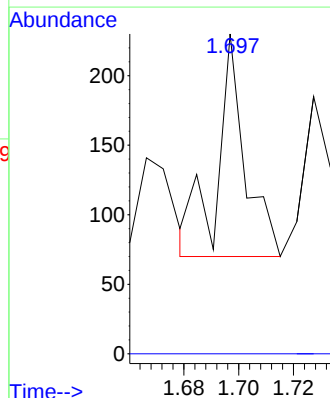
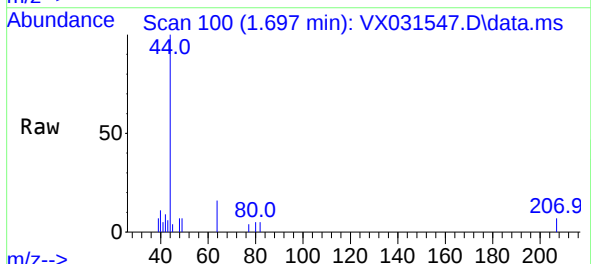
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

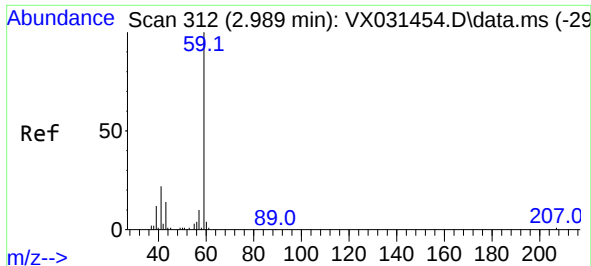
Tgt Ion:168 Resp: 77027
Ion Ratio Lower Upper
168 100
99 50.2 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

Tgt Ion: 64 Resp: 113
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.048 min

Lab File: VX031547.D

Acq: 22 Sep 2022 04:09

Instrument :

MSVOA_X

ClientSampleId :

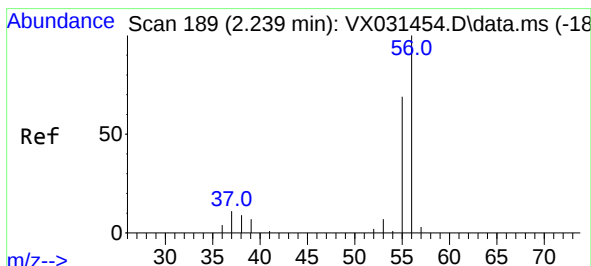
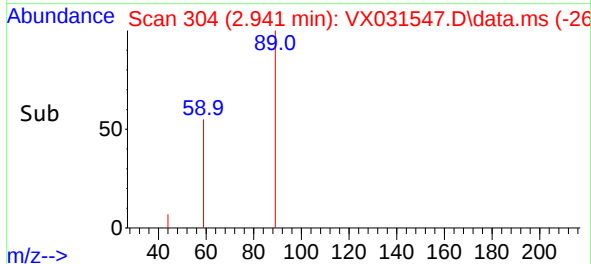
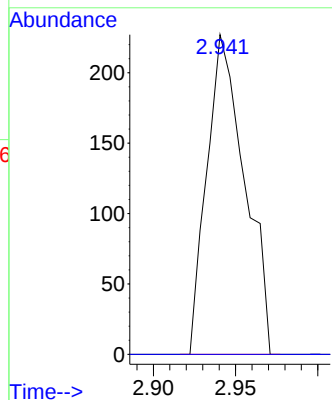
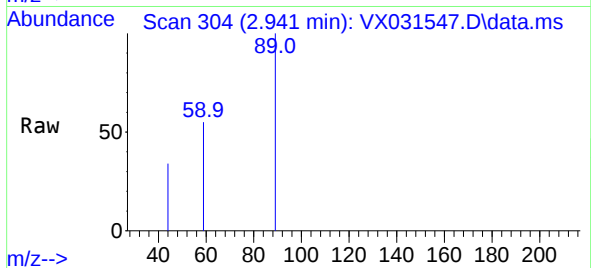
MW-1R

Tgt Ion: 59 Resp: 364

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.038 min Scan# 156

Delta R.T. -0.201 min

Lab File: VX031547.D

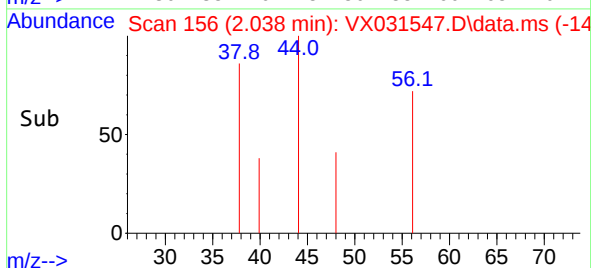
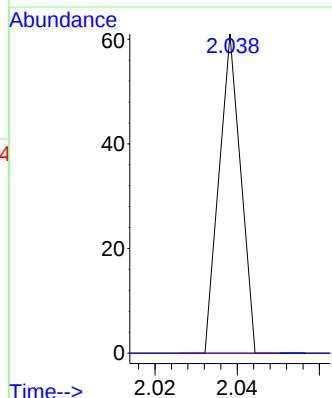
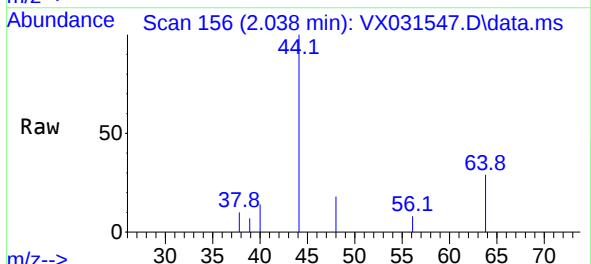
Acq: 22 Sep 2022 04:09

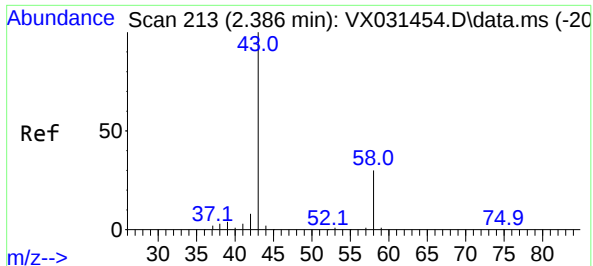
Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#

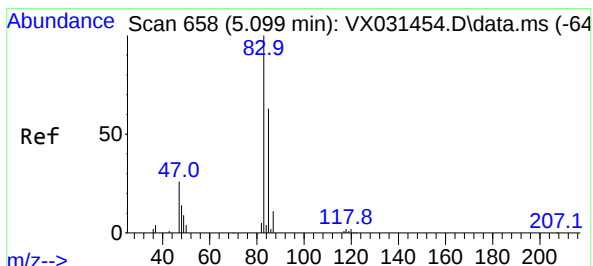
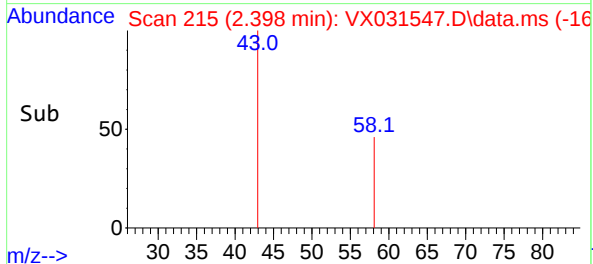
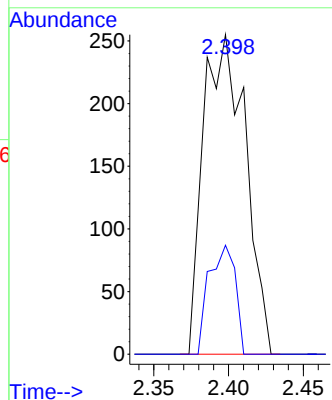
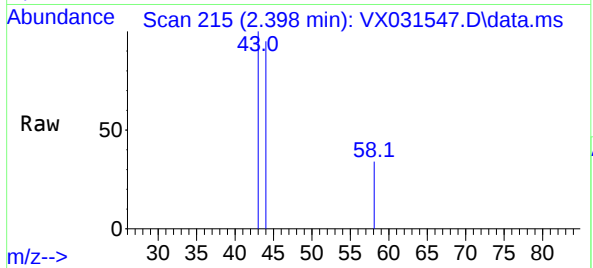




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

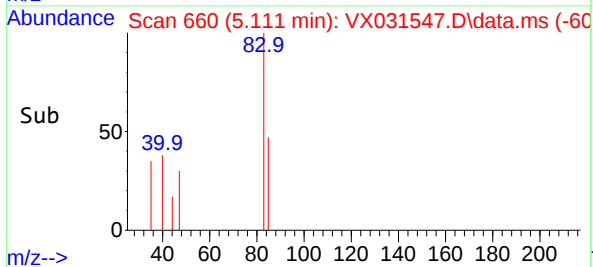
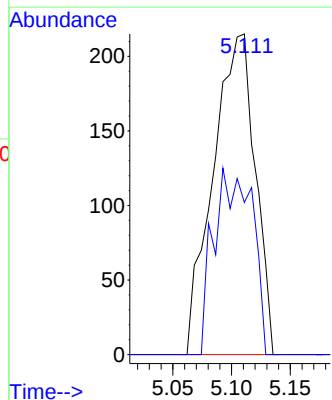
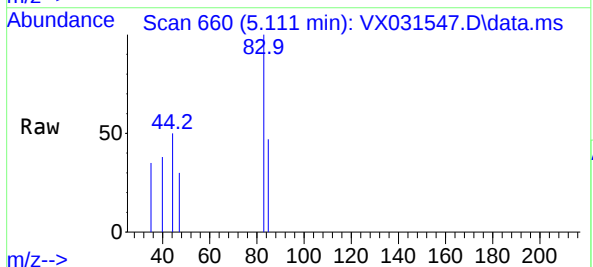
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

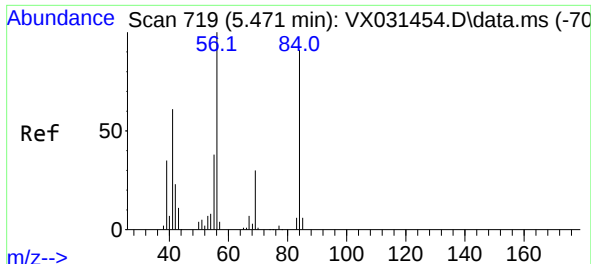
Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 34.1 23.8 35.8



#30
Chloroform
Concen: 0.205 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

Tgt Ion: 83 Resp: 537
Ion Ratio Lower Upper
83 100
85 47.4 52.8 79.2#

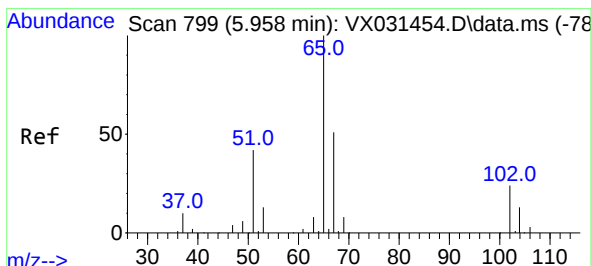
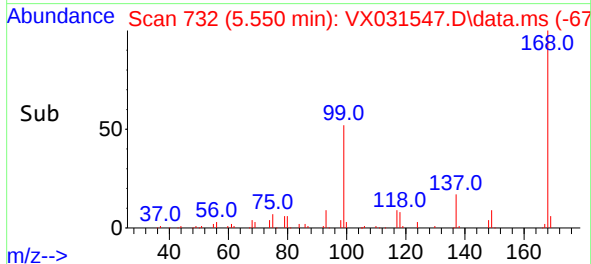
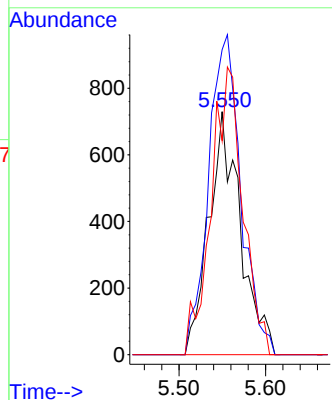
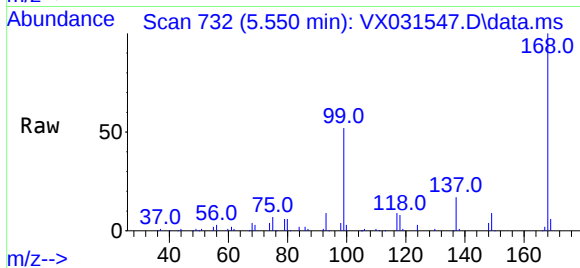




#31
Cyclohexane
Concen: 0.884 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

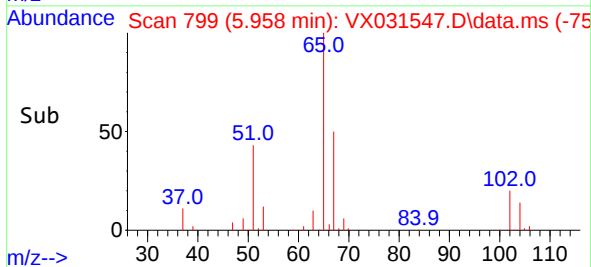
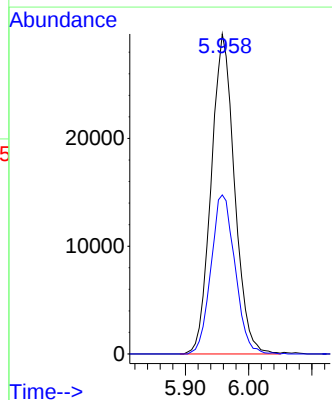
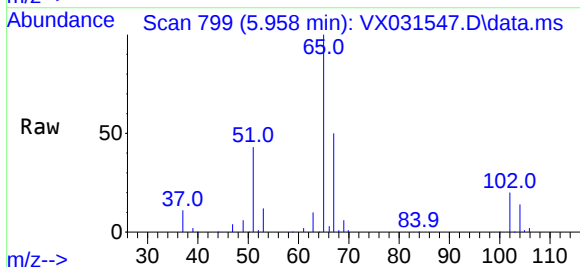
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

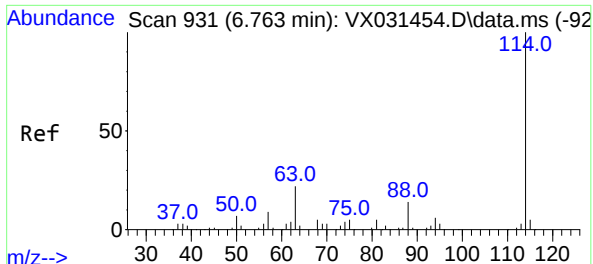
Tgt Ion: 56 Resp: 1852
Ion Ratio Lower Upper
56 100
69 125.5 25.1 37.7#
84 88.1 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 53.884 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

Tgt Ion: 65 Resp: 76141
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4

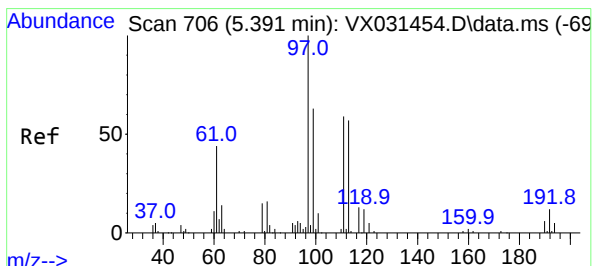
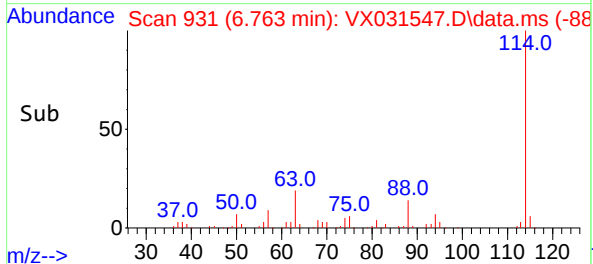
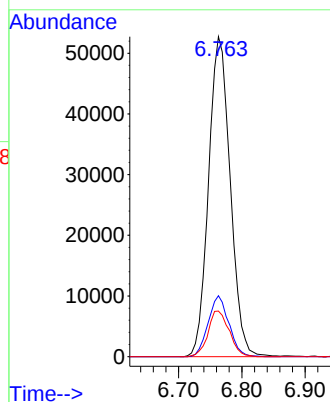
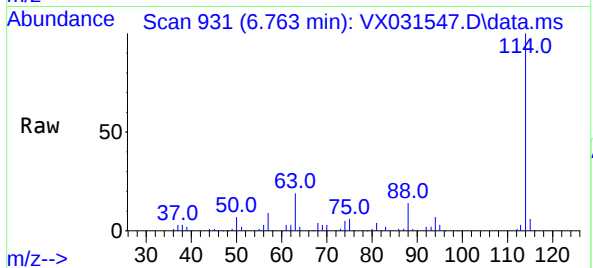




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

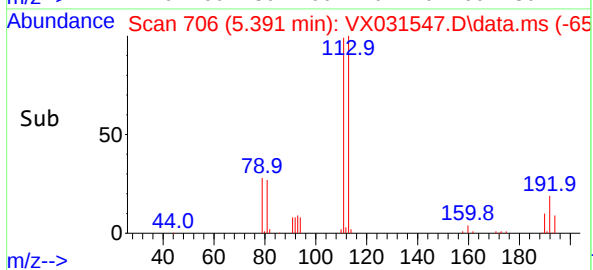
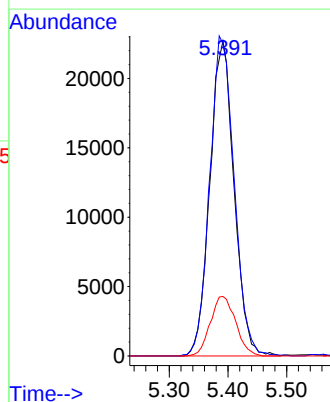
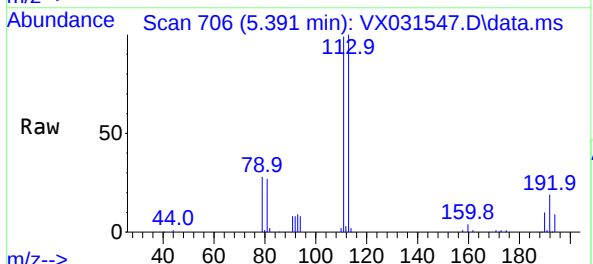
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

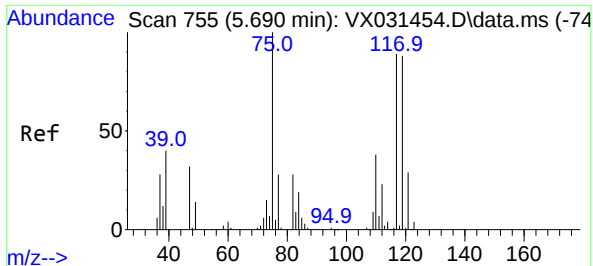
Tgt Ion:114 Resp: 125352
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.6
88 14.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.058 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

Tgt Ion:113 Resp: 64856
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.8 14.1 21.1

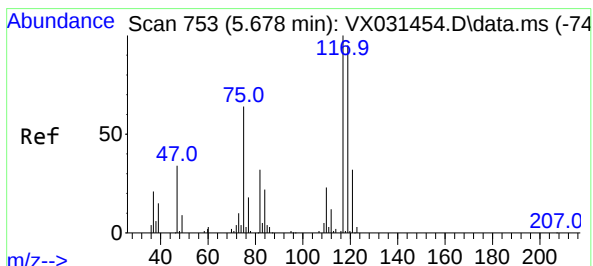
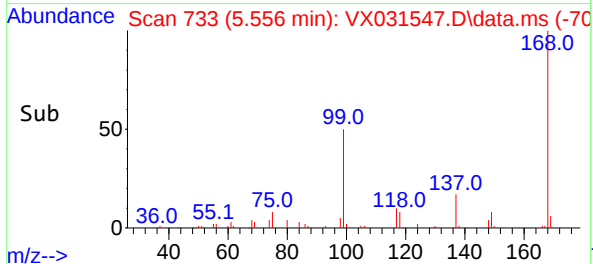
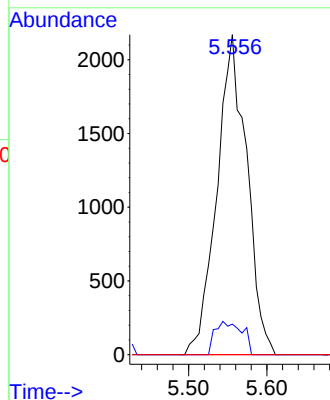
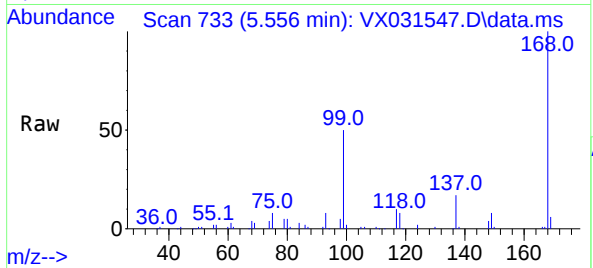




#36
1,1-Dichloropropene
Concen: 2.888 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

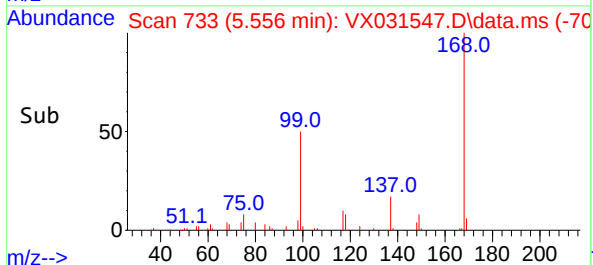
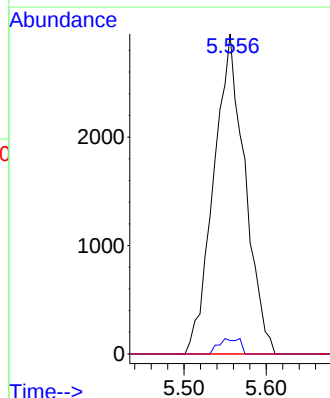
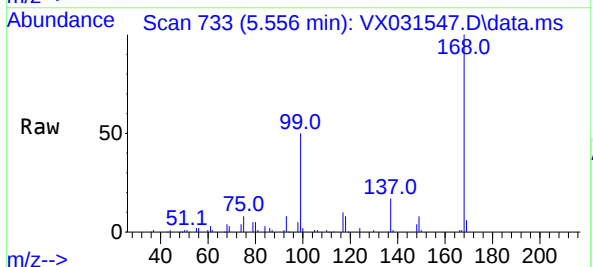
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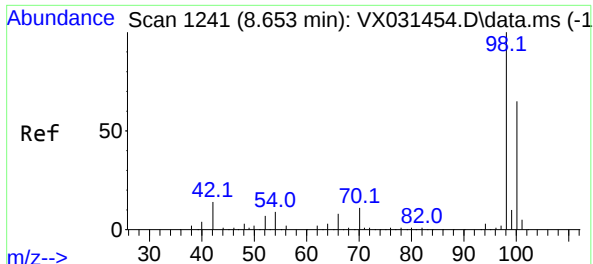
Tgt Ion: 75 Resp: 5754
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.528 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

Tgt Ion: 117 Resp: 7791
Ion Ratio Lower Upper
117 100
119 4.2 74.6 112.0#
121 0.0 25.3 37.9#

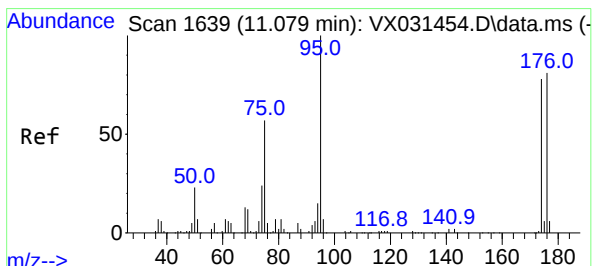
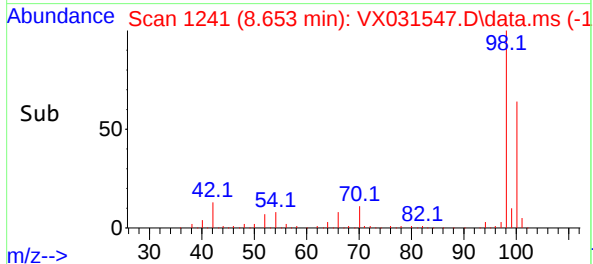
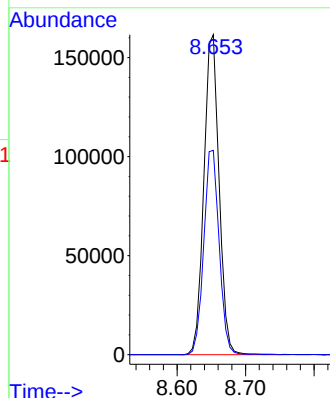
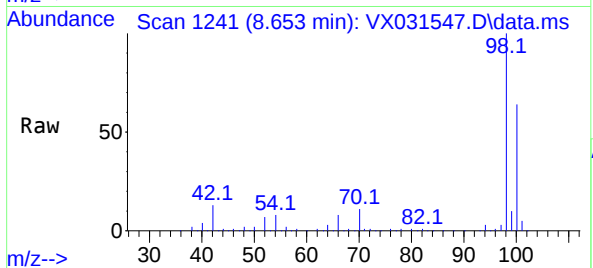




#50
Toluene-d8
Concen: 50.063 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

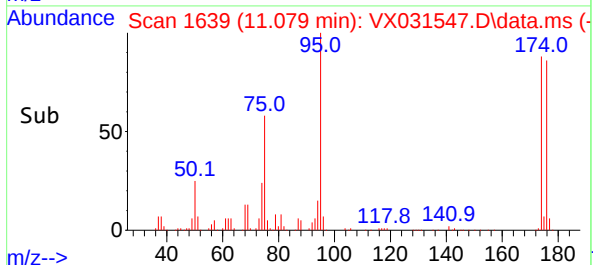
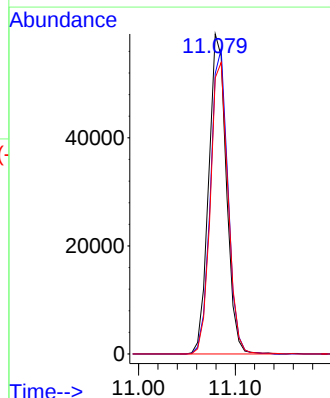
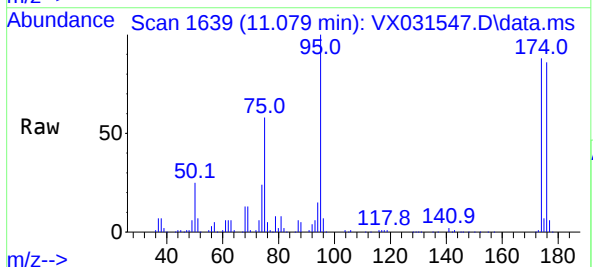
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

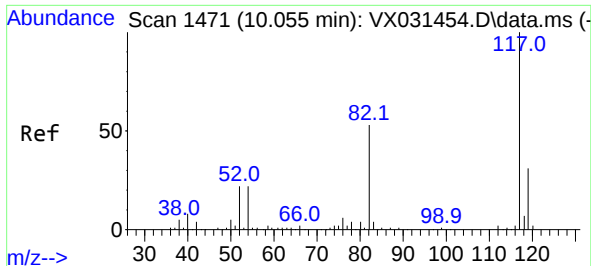
Tgt Ion: 98 Resp: 250024
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.476 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

Tgt Ion: 95 Resp: 75238
Ion Ratio Lower Upper
95 100
174 94.0 0.0 153.2
176 90.9 0.0 144.0

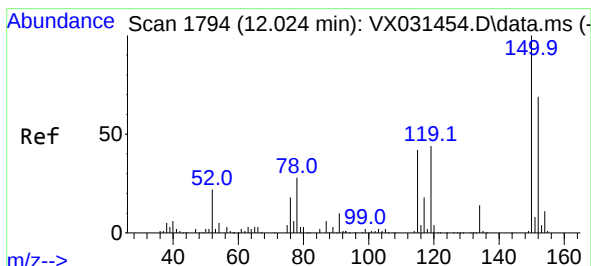
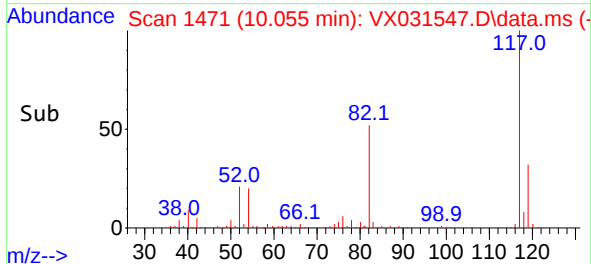
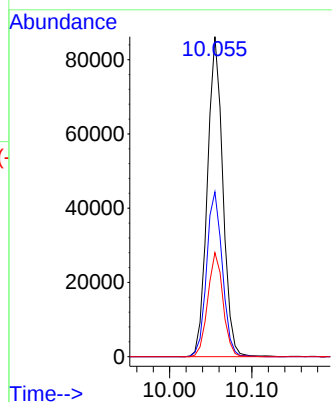
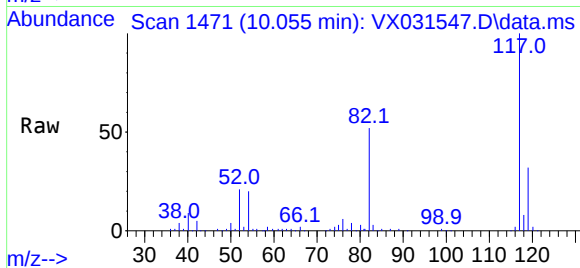




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

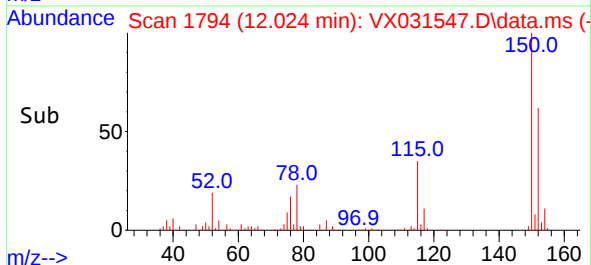
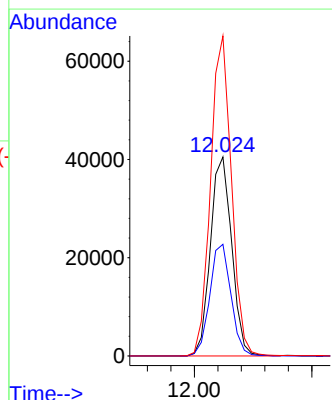
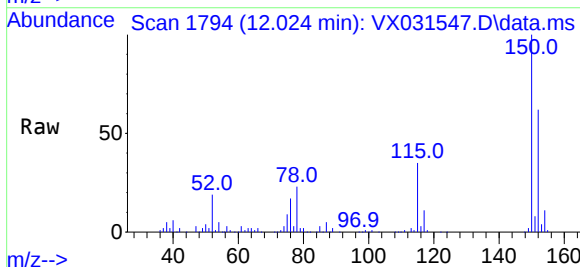
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

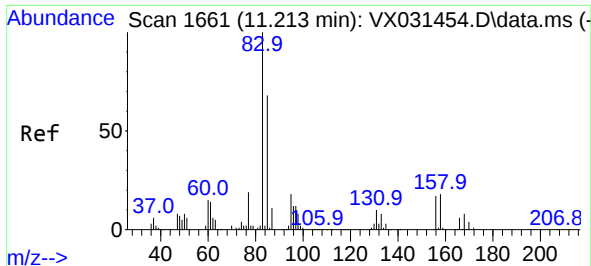
Tgt Ion:117 Resp: 112557
Ion Ratio Lower Upper
117 100
82 51.5 46.8 70.2
119 32.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

Tgt Ion:152 Resp: 50962
Ion Ratio Lower Upper
152 100
115 55.9 43.4 130.1
150 157.7 0.0 346.8

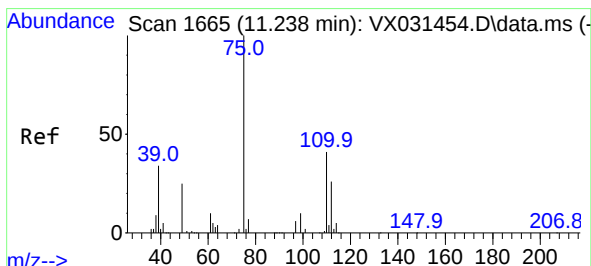
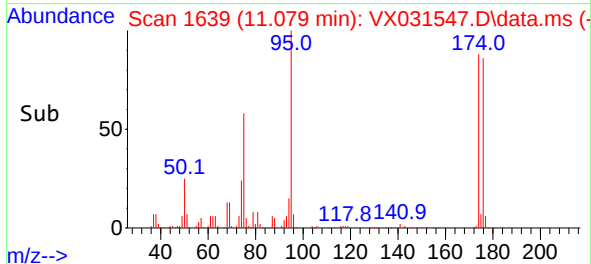
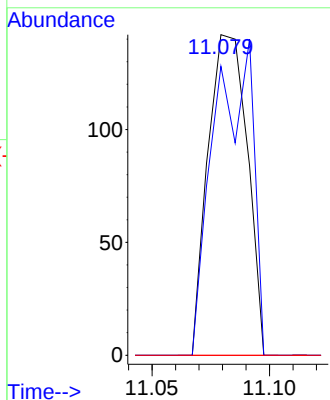
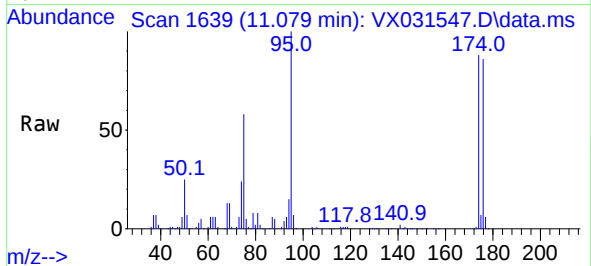




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

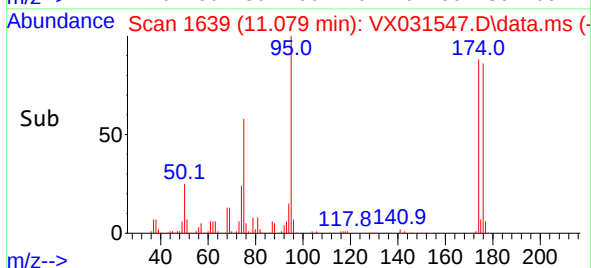
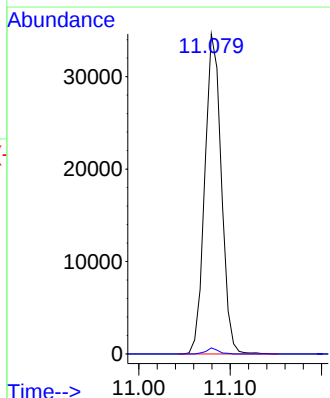
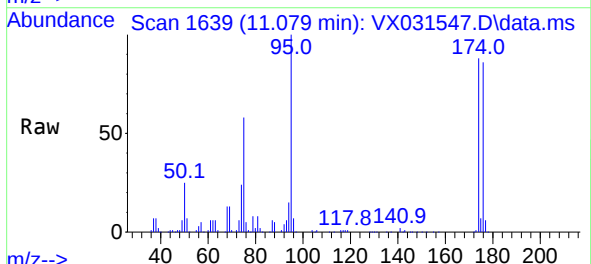
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

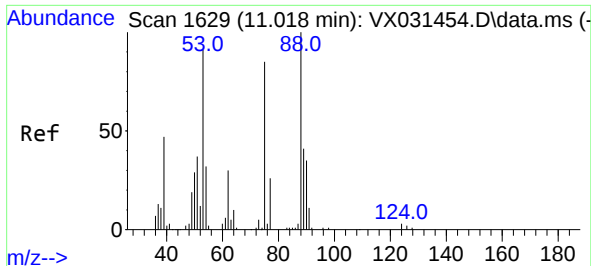
Tgt Ion: 83 Resp: 165
Ion Ratio Lower Upper
83 100
131 97.0 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 38.129 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031547.D
Acq: 22 Sep 2022 04:09

Tgt Ion: 75 Resp: 43368
Ion Ratio Lower Upper
75 100
77 1.4 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.768 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031547.D
 Acq: 22 Sep 2022 04:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Tgt Ion: 75 Resp: 43368
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

