

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031749.D
 Acq On : 29 Sep 2022 01:00
 Operator : JC/MD
 Sample : M4863-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Sep 29 04:36:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

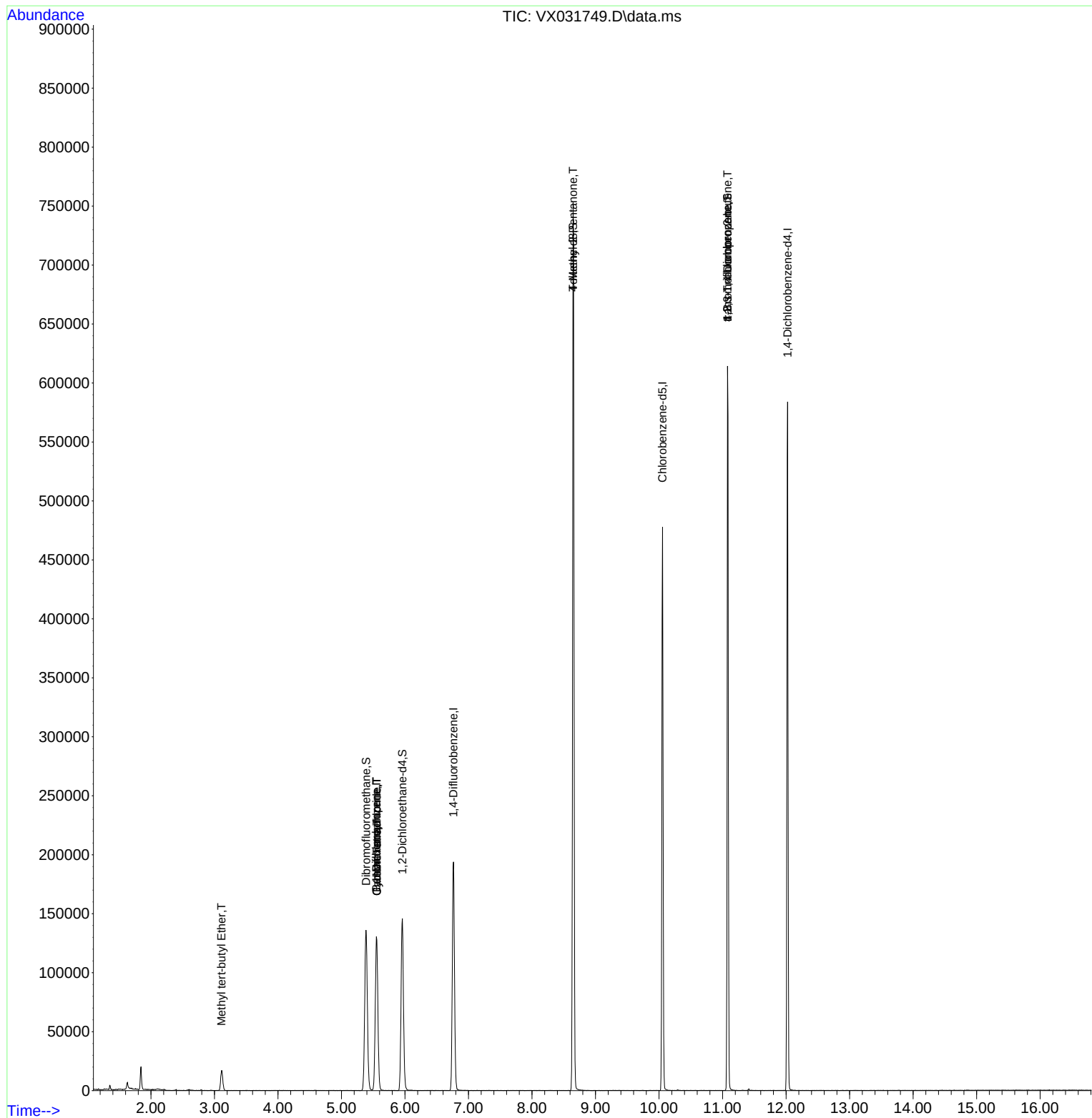
Internal Standards						
1) Pentafluorobenzene	5.550	168	122602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139679	53.679	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.360%	
35) Dibromofluoromethane	5.385	113	115247	47.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.740%	
50) Toluene-d8	8.647	98	448879	50.891	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	11.079	95	153712	47.547	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.100%	
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	53	Below Cal	#	41
5) Bromomethane	1.624	94	326	Below Cal		96
6) Chloroethane	1.691	64	120	Below Cal	#	43
7) Trichlorofluoromethane	1.837	101	340	Below Cal	#	72
11) Tert butyl alcohol	2.946	59	67	Below Cal	#	73
16) Acetone	2.398	43	718	Below Cal		93
17) Carbon Disulfide	2.514	76	65	Below Cal	#	75
19) Methyl tert-butyl Ether	3.111	73	19412	3.354	ug/l	98
20) Methylene Chloride	2.782	84	264	Below Cal	#	81
31) Cyclohexane	5.556	56	2788	1.127	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	9533	3.412	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12997	4.127	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1717	0.612	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	82187	38.526	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	82187	126.118	ug/l #	11

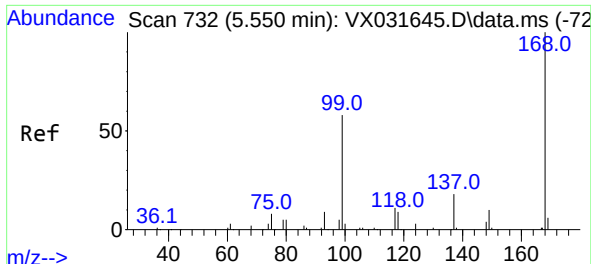
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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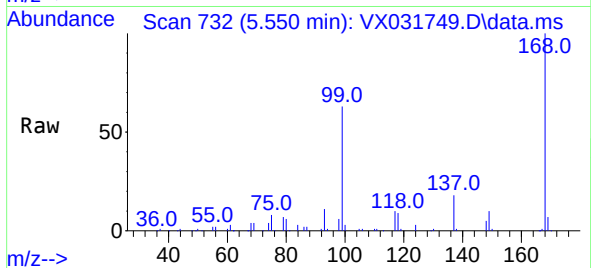
Quant Time: Sep 29 04:36:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration



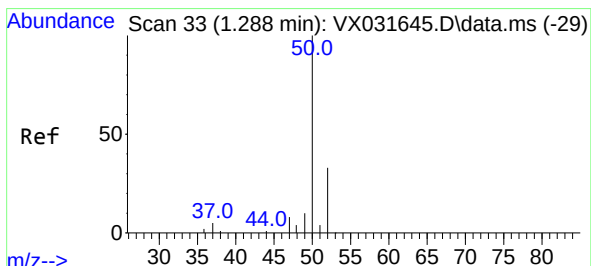
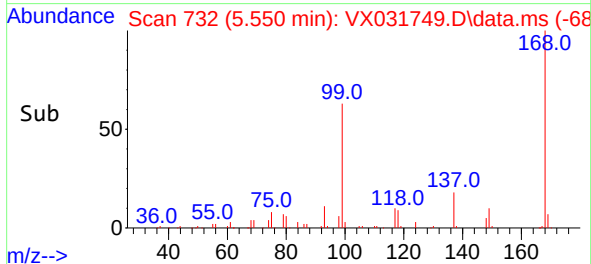
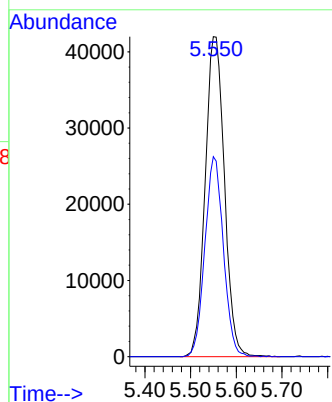


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

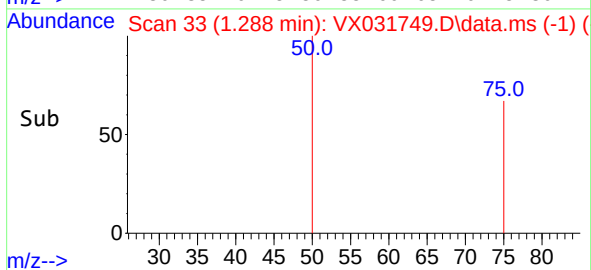
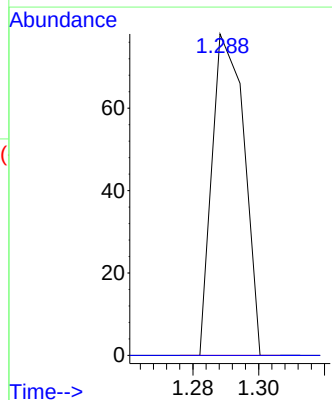
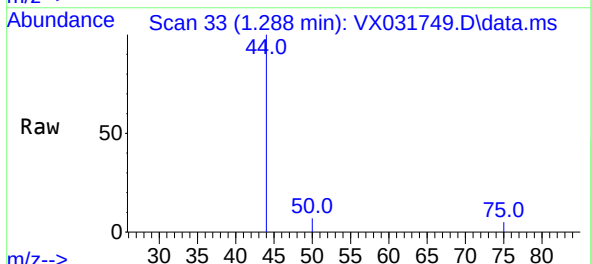


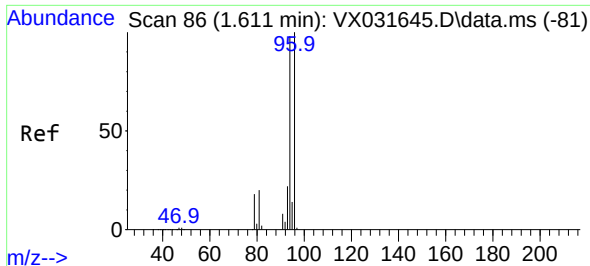
Tgt Ion:168 Resp: 122602
Ion Ratio Lower Upper
168 100
99 62.5 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

Tgt Ion: 50 Resp: 53
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

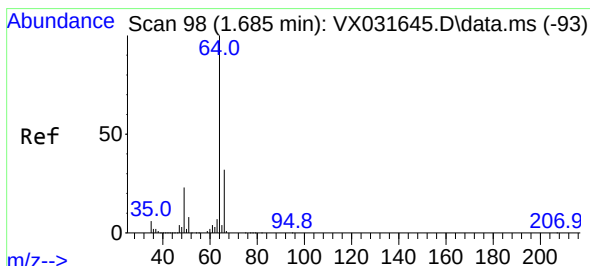
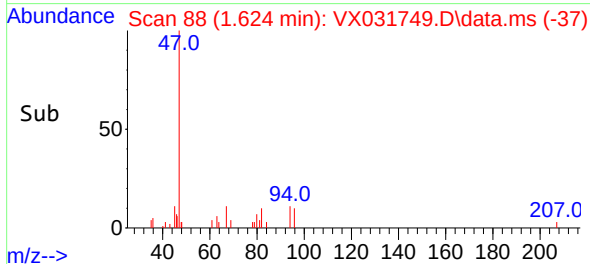
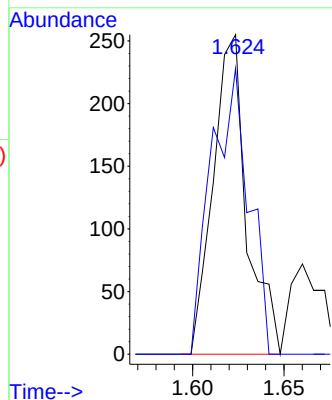
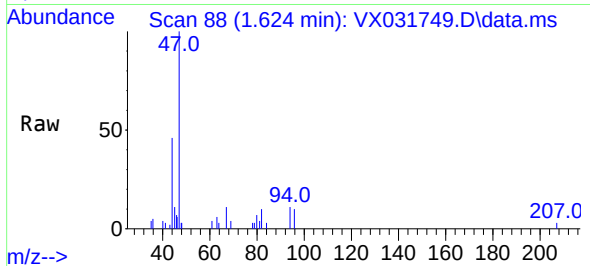




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

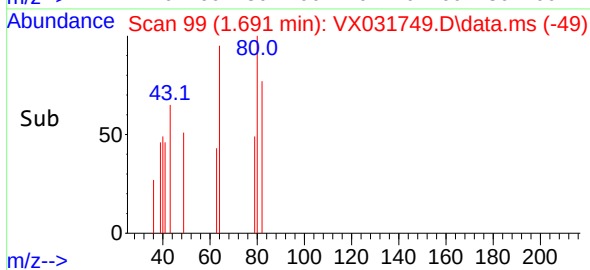
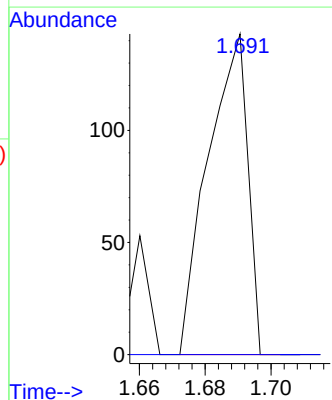
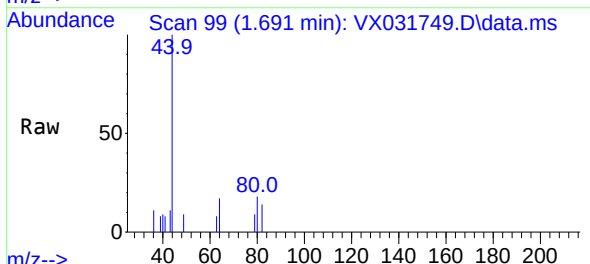
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

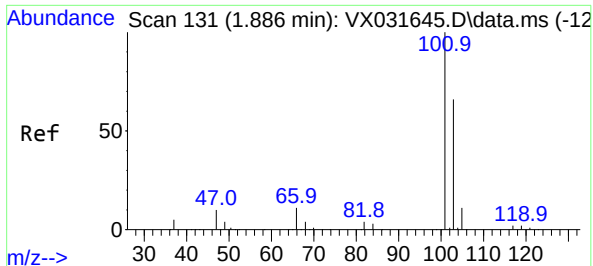
Tgt Ion: 94 Resp: 326
Ion Ratio Lower Upper
94 100
96 89.4 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

Tgt Ion: 64 Resp: 120
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

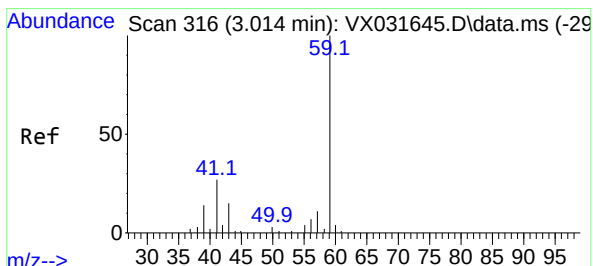
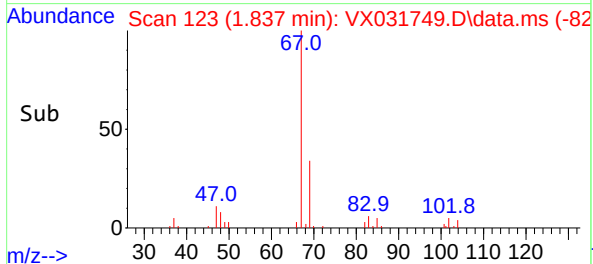
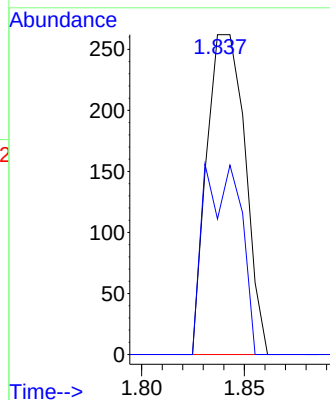
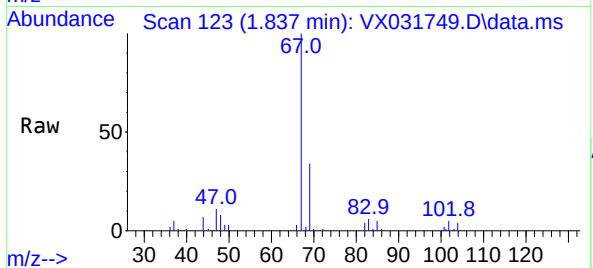




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.837 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

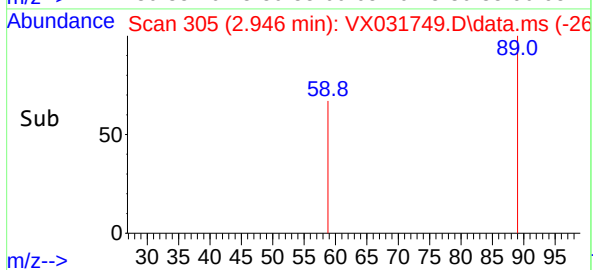
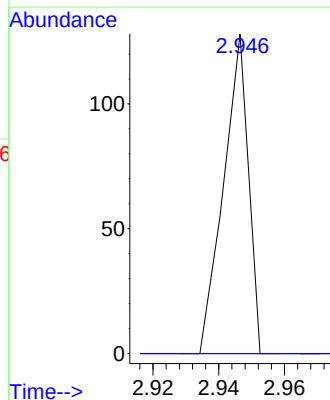
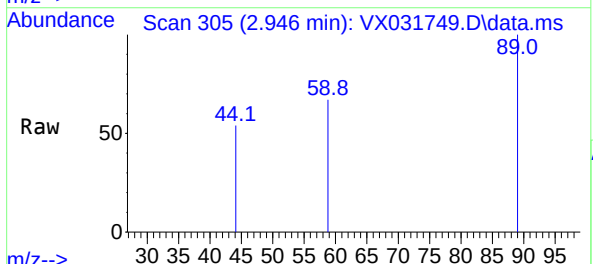
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

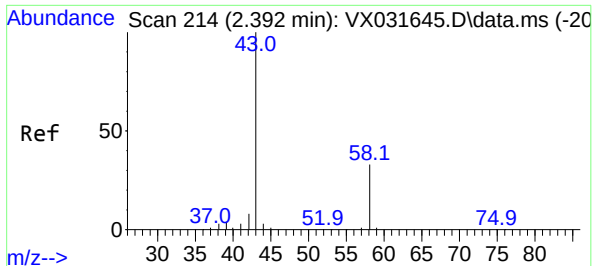
Tgt Ion:101 Resp: 340
Ion Ratio Lower Upper
101 100
103 42.4 51.8 77.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

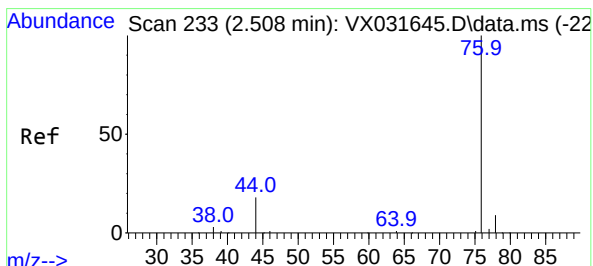
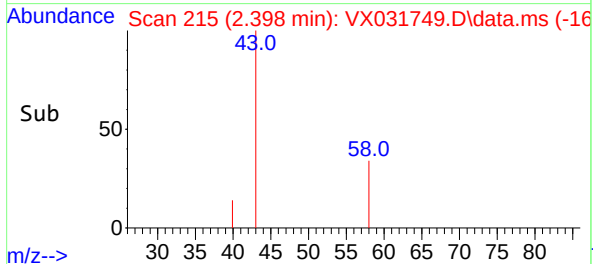
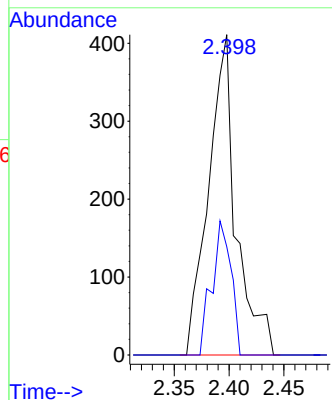
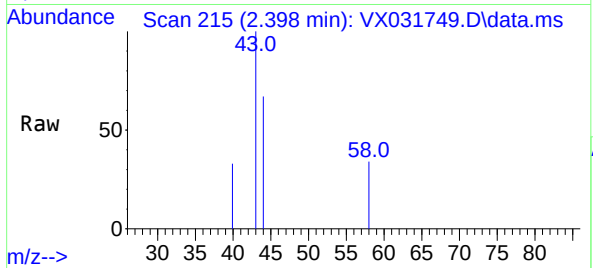




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

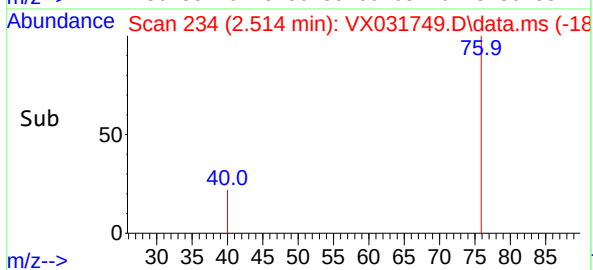
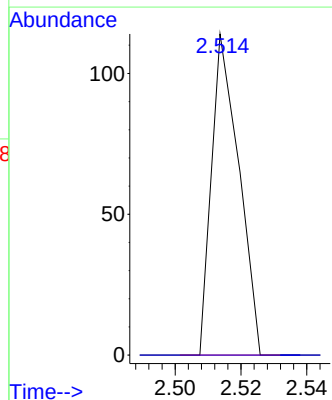
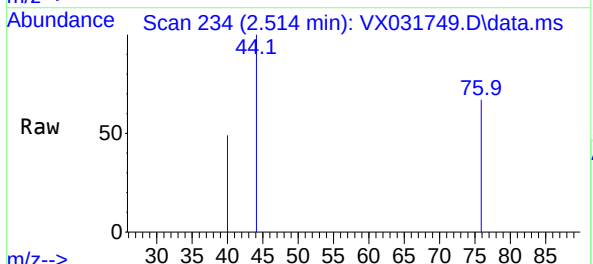
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

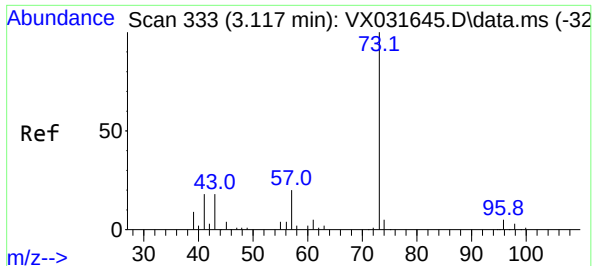
Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
58 33.8 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

Tgt Ion: 76 Resp: 65
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

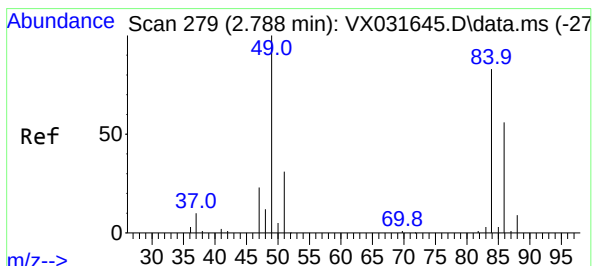
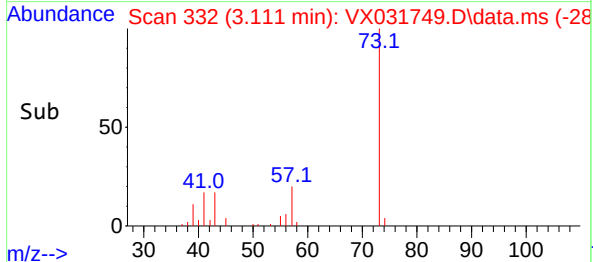
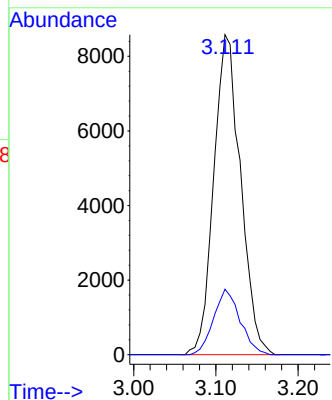
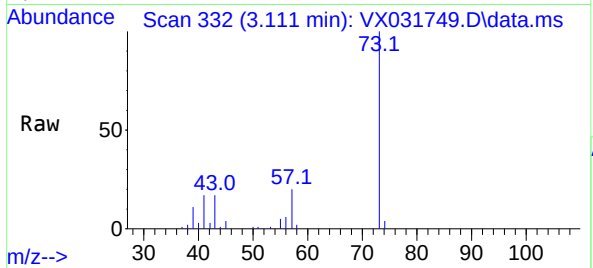




#19
Methyl tert-butyl Ether
Concen: 3.354 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

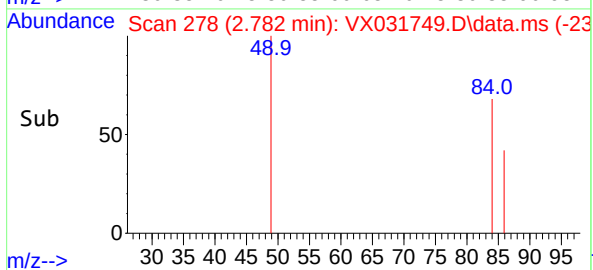
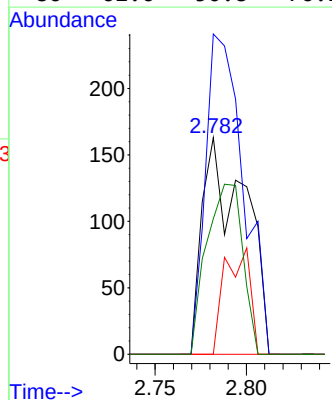
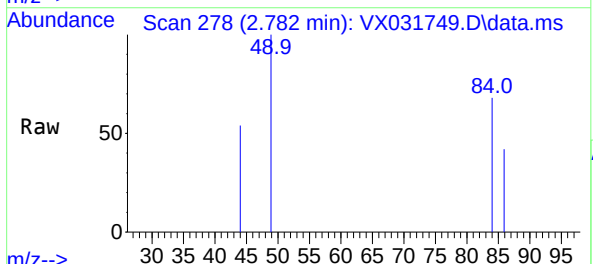
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

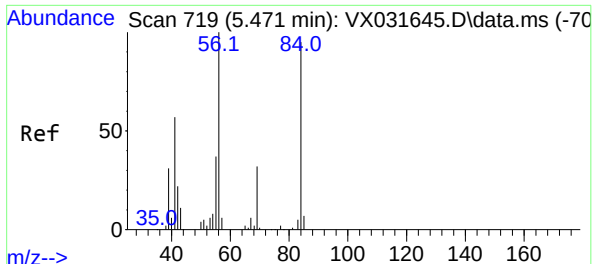
Tgt Ion: 73 Resp: 19412
Ion Ratio Lower Upper
73 100
57 20.4 17.2 25.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

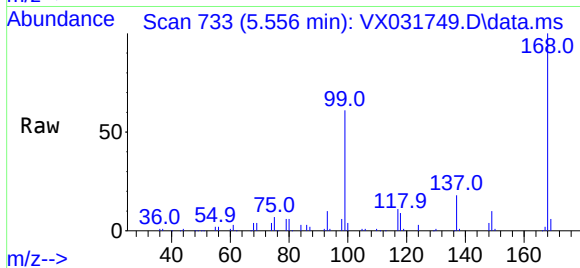
Tgt Ion: 84 Resp: 264
Ion Ratio Lower Upper
84 100
49 147.9 105.9 158.9
51 0.0 32.2 48.2#
86 62.6 50.8 76.2



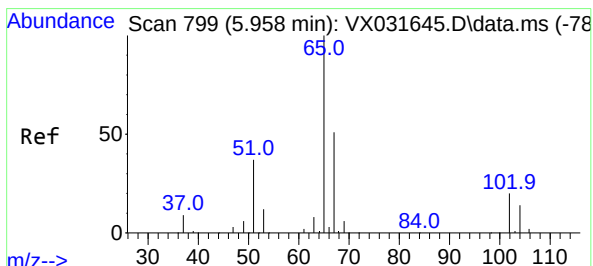
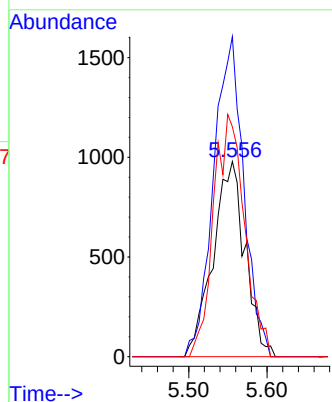
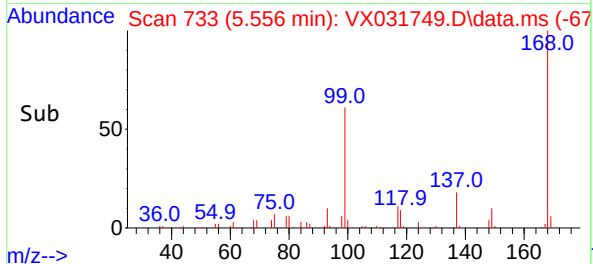


#31
Cyclohexane
Concen: 1.127 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

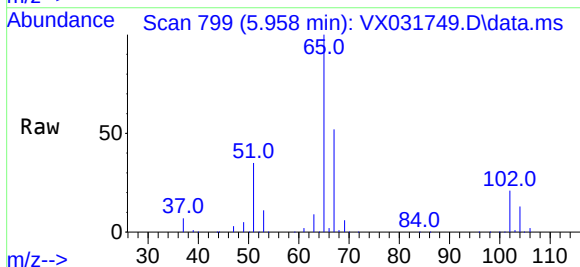
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



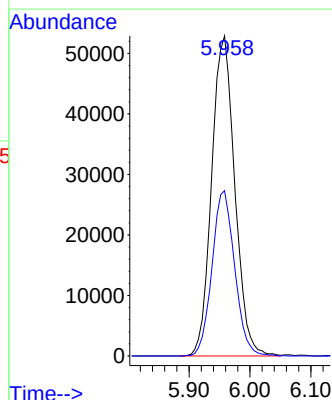
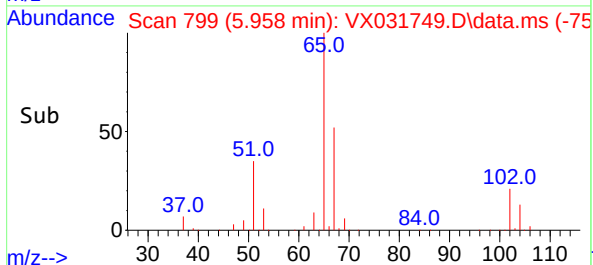
Tgt Ion: 56 Resp: 2788
Ion Ratio Lower Upper
56 100
69 163.9 25.1 37.7#
84 117.8 70.2 105.4#

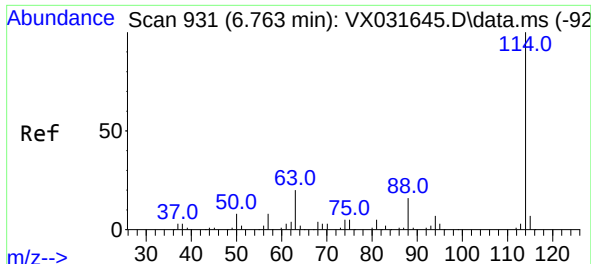


#33
1,2-Dichloroethane-d4
Concen: 53.679 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00



Tgt Ion: 65 Resp: 139679
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.4

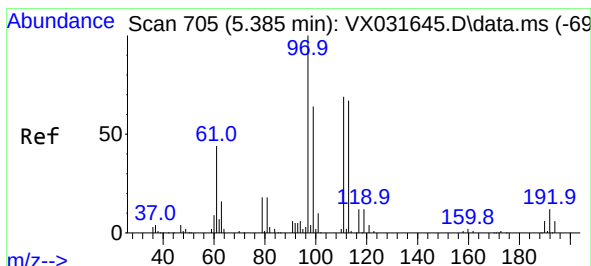
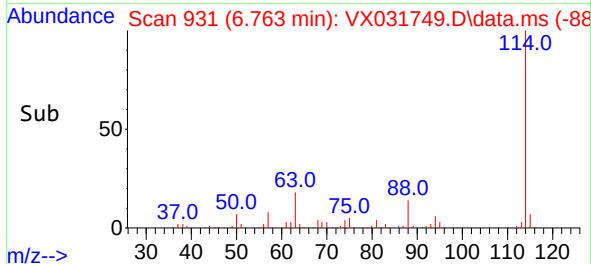
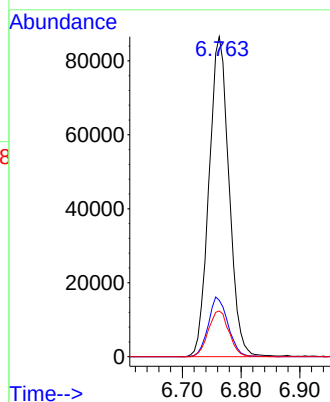
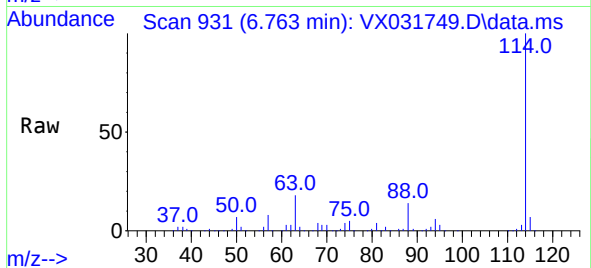




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

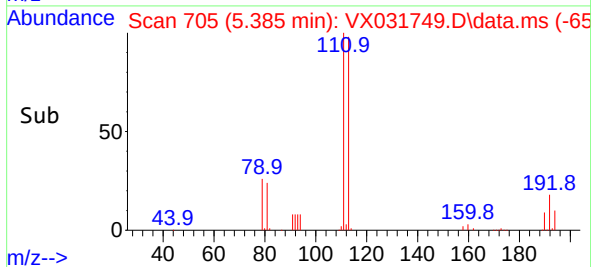
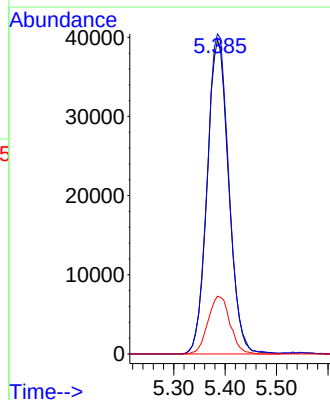
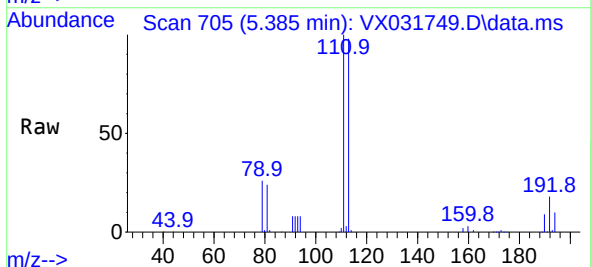
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

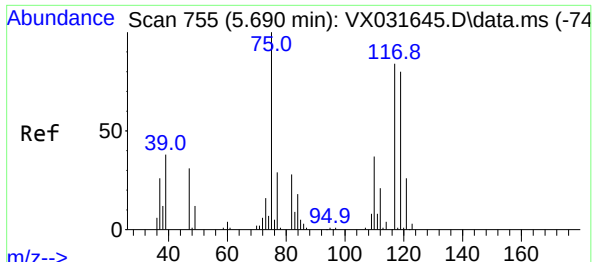
Tgt Ion:114 Resp: 204189
Ion Ratio Lower Upper
114 100
63 17.6 0.0 42.6
88 14.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.369 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

Tgt Ion:113 Resp: 115247
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.7 14.1 21.1

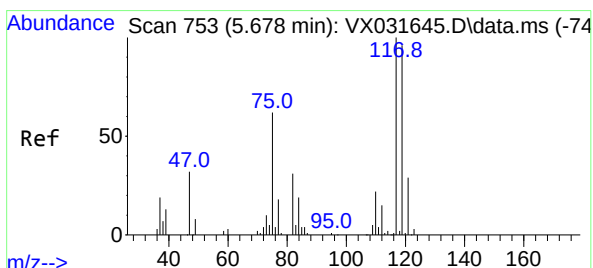
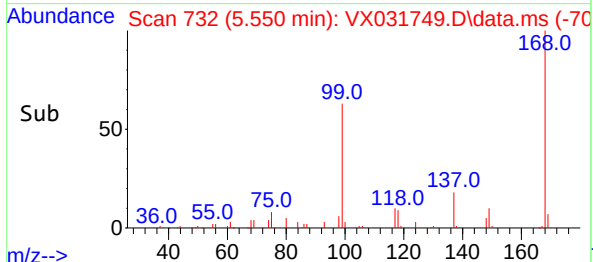
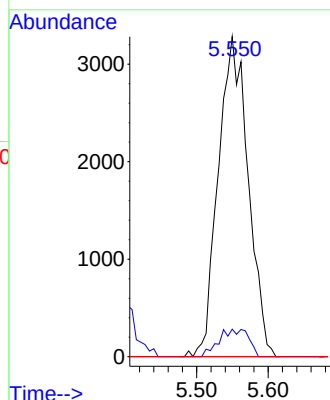
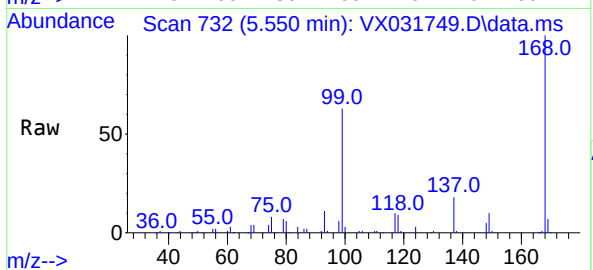




#36
1,1-Dichloropropene
Concen: 3.412 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

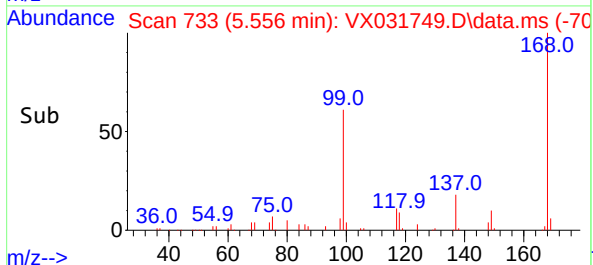
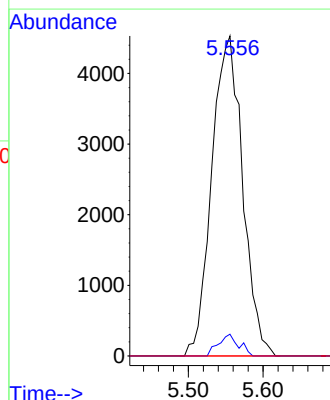
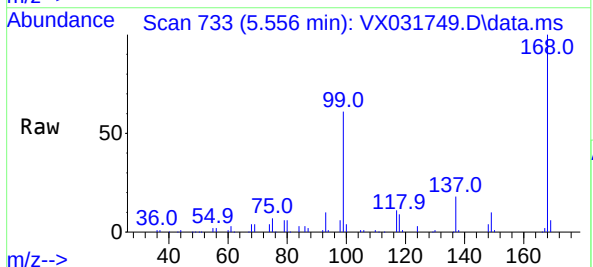
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

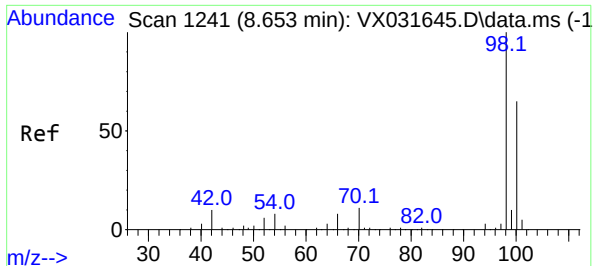
Tgt Ion: 75 Resp: 9533
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.127 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

Tgt Ion: 117 Resp: 12997
Ion Ratio Lower Upper
117 100
119 6.8 74.6 112.0#
121 0.0 25.3 37.9#

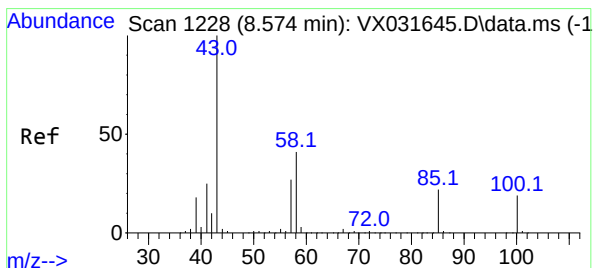
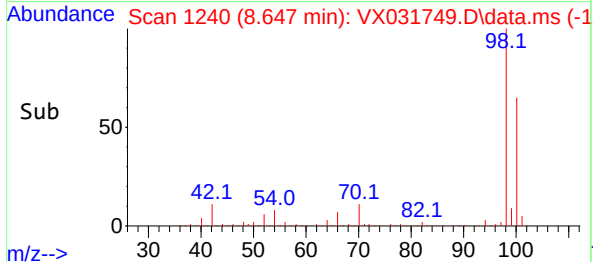
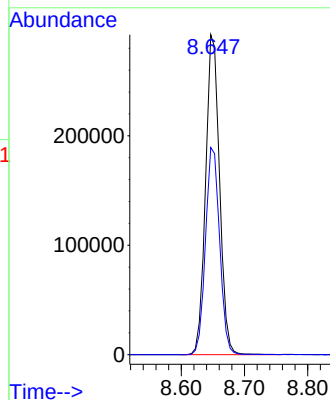
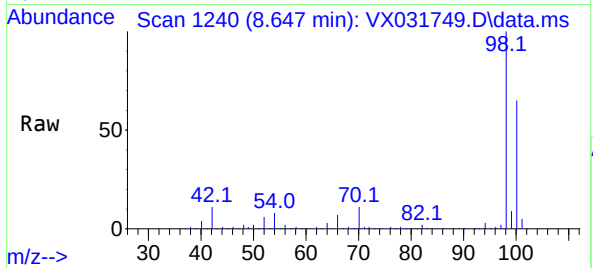




#50
Toluene-d8
Concen: 50.891 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

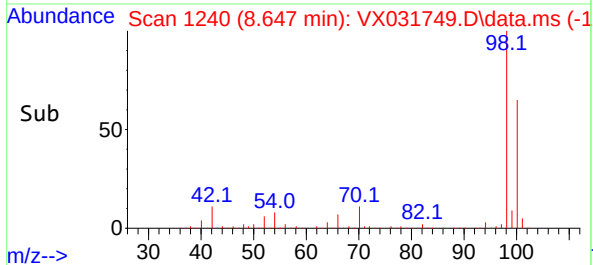
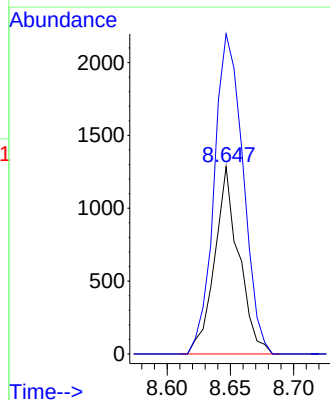
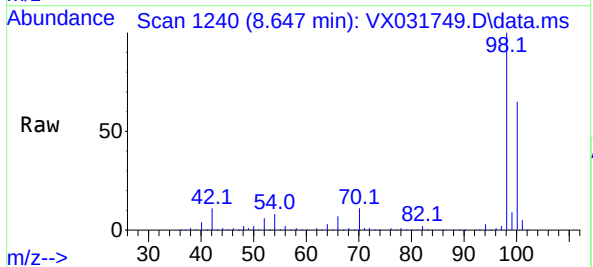
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

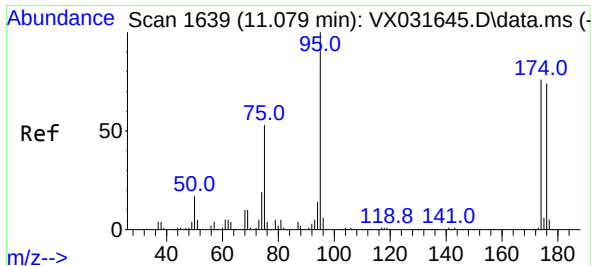
Tgt Ion: 98 Resp: 448879
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.612 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

Tgt Ion: 43 Resp: 1717
Ion Ratio Lower Upper
43 100
58 203.4 30.6 46.0#

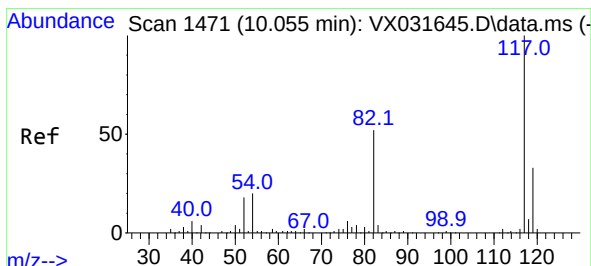
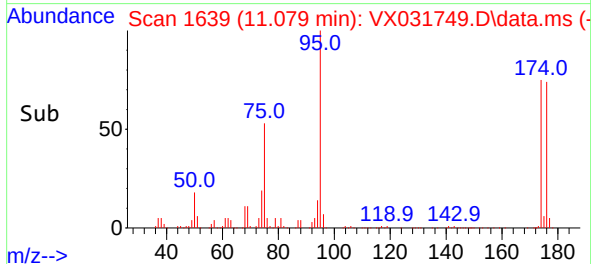
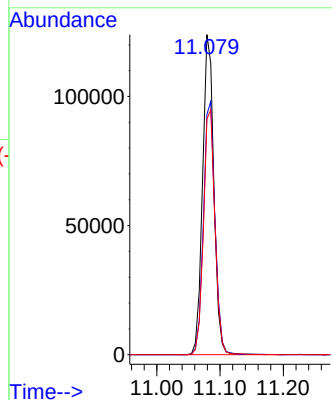
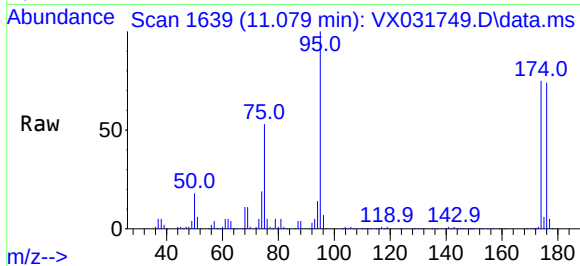




#62
4-Bromofluorobenzene
Concen: 47.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

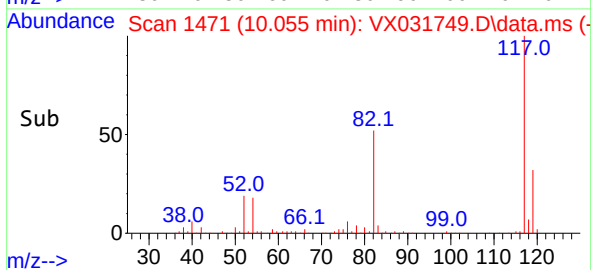
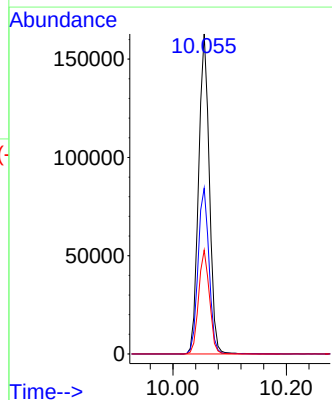
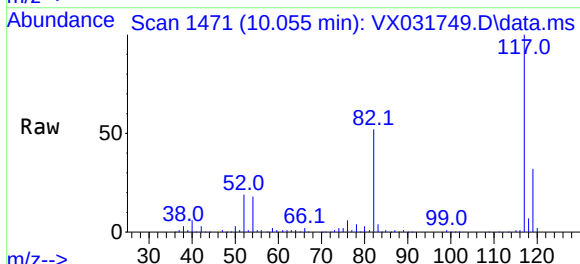
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

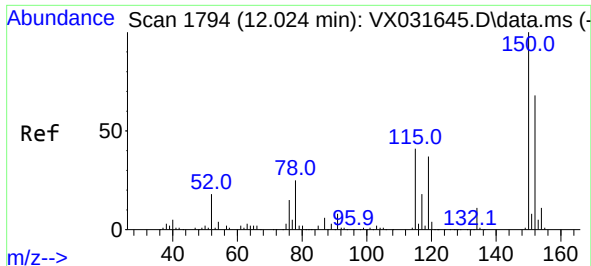
Tgt Ion: 95 Resp: 153712
Ion Ratio Lower Upper
95 100
174 80.9 0.0 153.2
176 78.1 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

Tgt Ion: 117 Resp: 214278
Ion Ratio Lower Upper
117 100
82 51.8 46.8 70.2
119 32.5 26.4 39.6

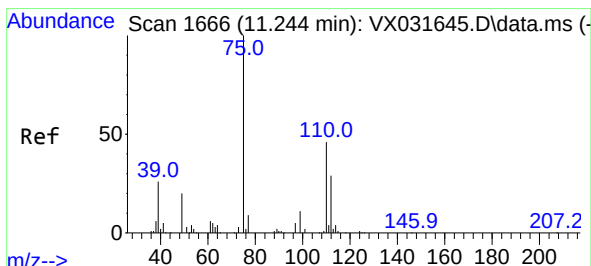
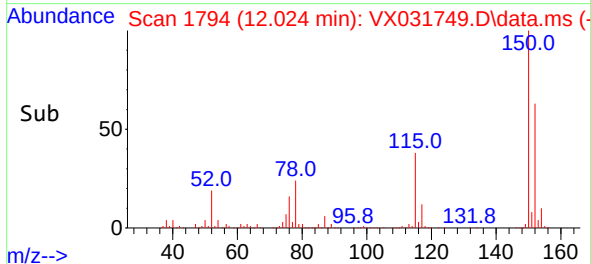
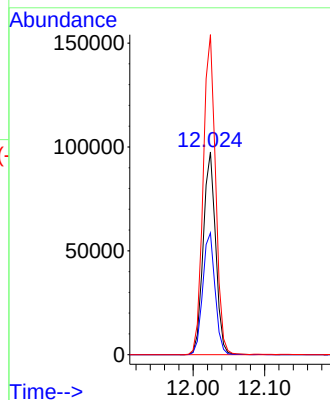
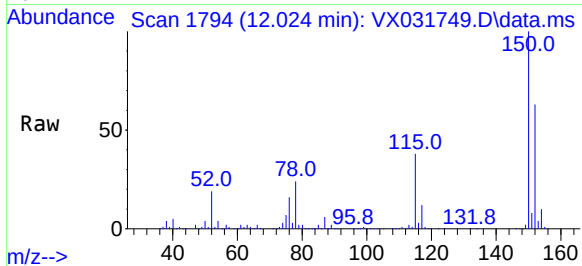




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

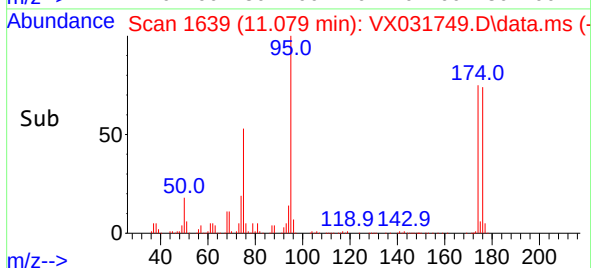
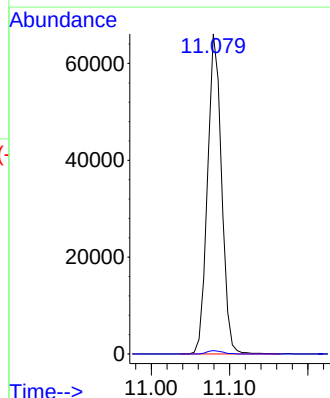
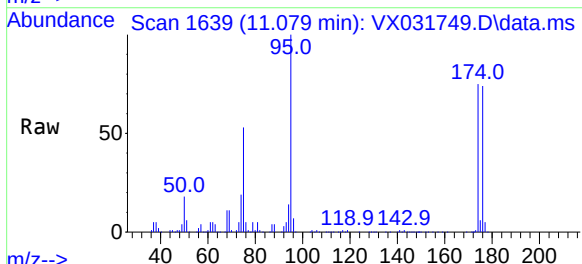
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

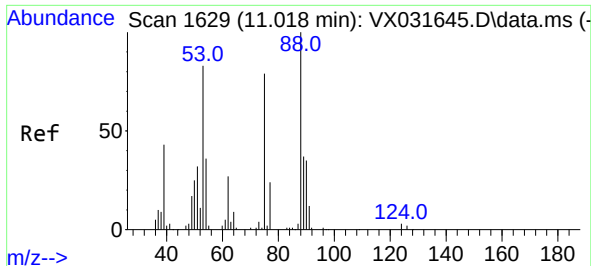
Tgt Ion:152 Resp: 117673
Ion Ratio Lower Upper
152 100
115 59.9 43.4 130.1
150 158.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 38.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

Tgt Ion: 75 Resp: 82187
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 126.118 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031749.D
Acq: 29 Sep 2022 01:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tgt Ion: 75 Resp: 82187
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

