

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027500.D
 Acq On : 17 Mar 2022 20:33
 Operator : JC/MD
 Sample : N1997-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105

Quant Time: Mar 18 02:07:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	340204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	556511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	503645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228274	50.000	ug/l	0.00

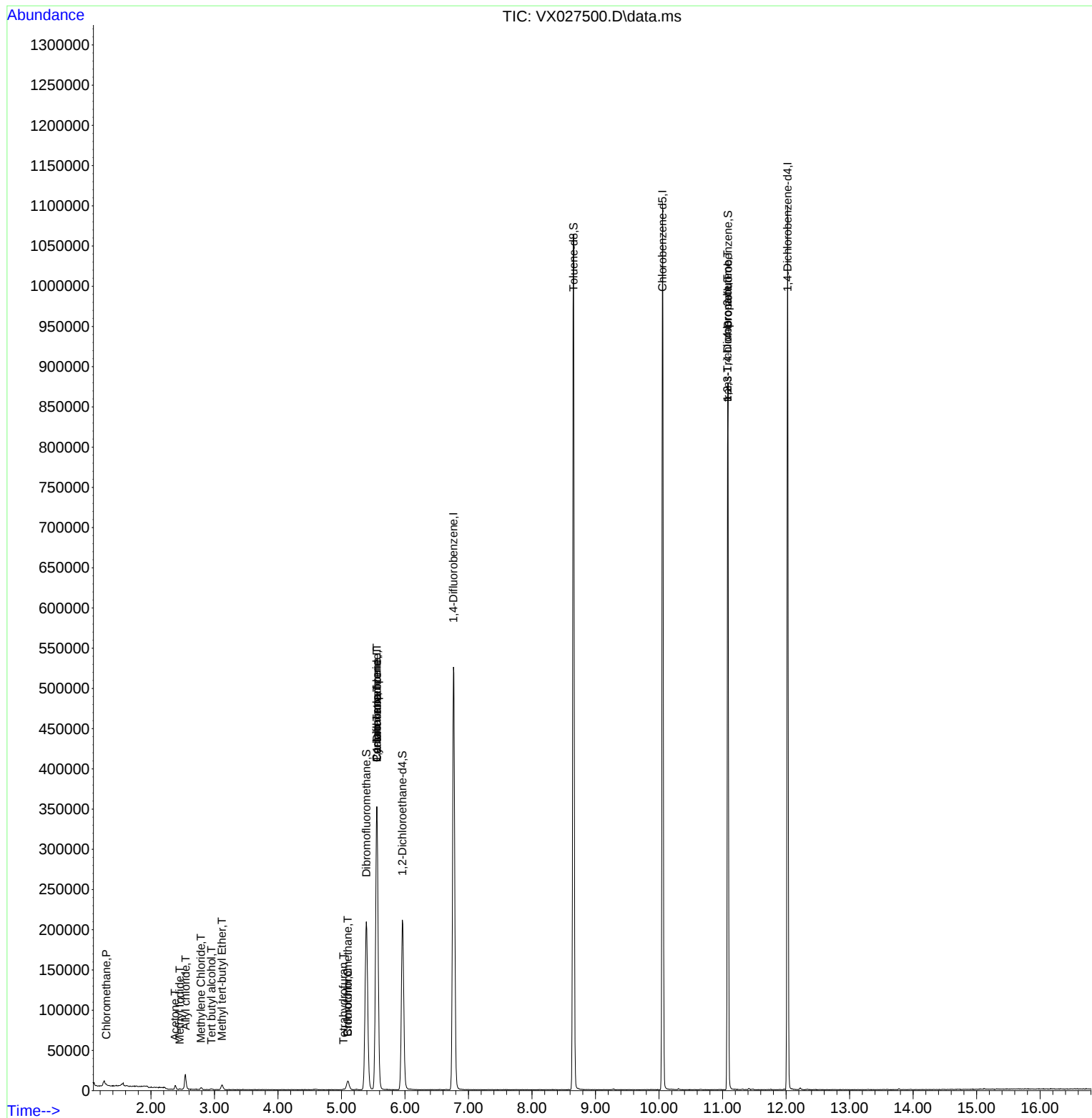
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	210374	50.197	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.400%	
35) Dibromofluoromethane	5.391	113	183020	51.116	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.240%	
50) Toluene-d8	8.653	98	648050	47.830	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.660%	
62) 4-Bromofluorobenzene	11.085	95	235829	47.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.720%	

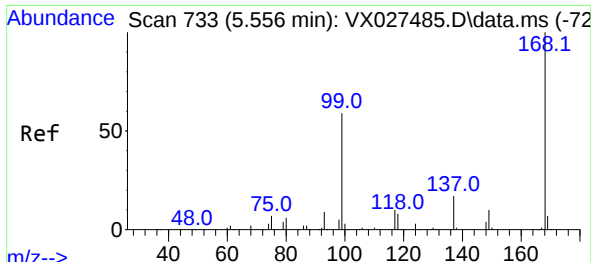
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	589	0.203	ug/l #	83
5) Bromomethane	1.618	94	617	Below Cal		87
10) Methyl Iodide	2.453	142	878	0.201	ug/l #	87
11) Tert butyl alcohol	2.953	59	733	0.918	ug/l #	72
14) Allyl chloride	2.544	41	1904	0.385	ug/l #	54
16) Acetone	2.380	43	5043	2.952	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	6318	0.593	ug/l	94
20) Methylene Chloride	2.788	84	1180	0.321	ug/l #	90
28) Bromochloromethane	5.099	49	980	0.414	ug/l #	7
29) Tetrahydrofuran	5.032	42	556	0.337	ug/l #	37
30) Chloroform	5.099	83	13498	2.084	ug/l	96
31) Cyclohexane	5.556	56	6018	1.156	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24279	4.962	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34590	6.179	ug/l #	14
58) 2-Chloroethyl Vinyl ether	8.177	63	21	Below Cal	#	45
76) 1,2,3-Trichloropropane	11.079	75	116669	24.435	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	116669	74.209	ug/l #	15

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

Instrument :
MSVOA_X
ClientSampleId :
MW-105

Instrument :
MSVOA_X
ClientSampleId :
MW-105

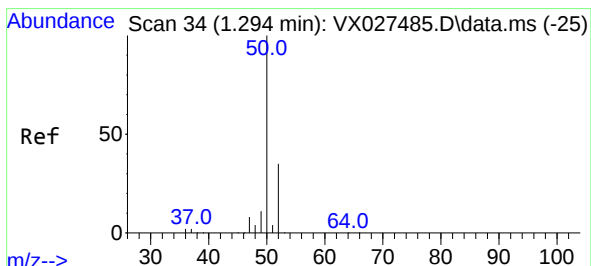
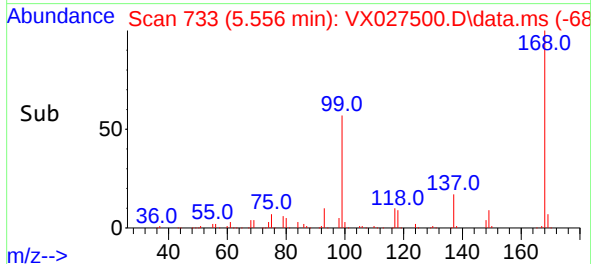
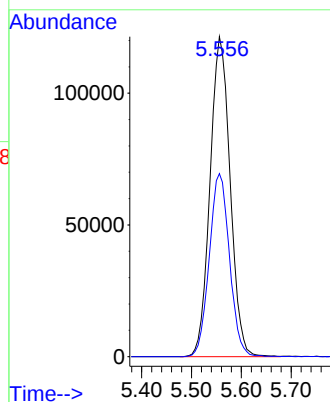
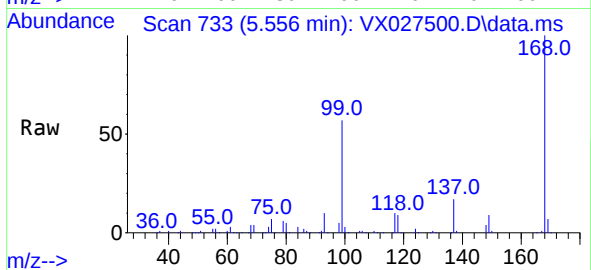




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

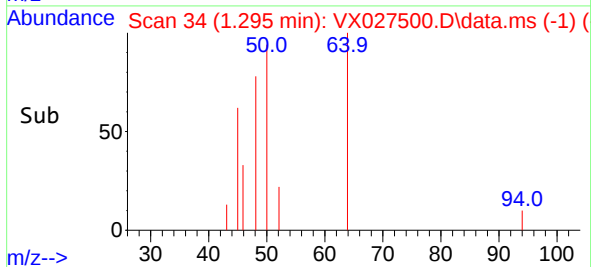
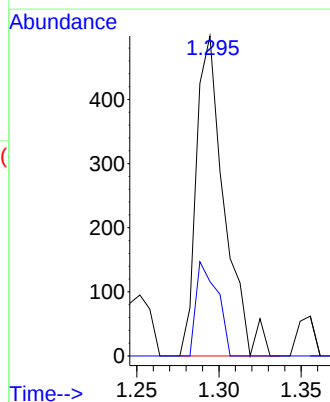
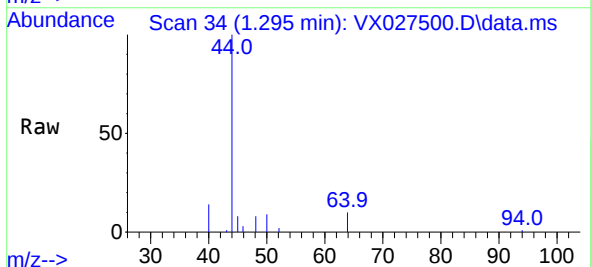
Instrument :
MSVOA_X
ClientSampleId :
MW-105

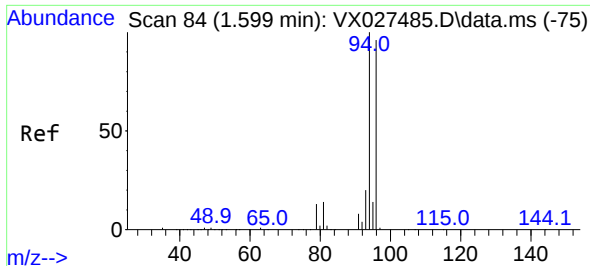
Tgt Ion:168 Resp: 340204
Ion Ratio Lower Upper
168 100
99 57.2 41.7 62.5



#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Tgt Ion: 50 Resp: 589
Ion Ratio Lower Upper
50 100
52 23.2 26.4 39.6#

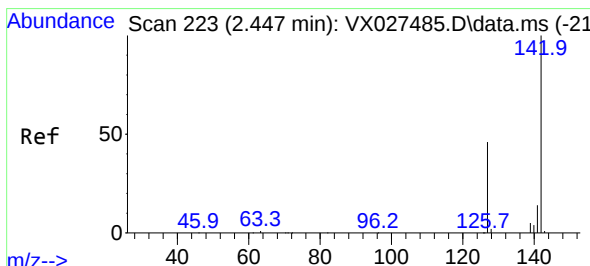
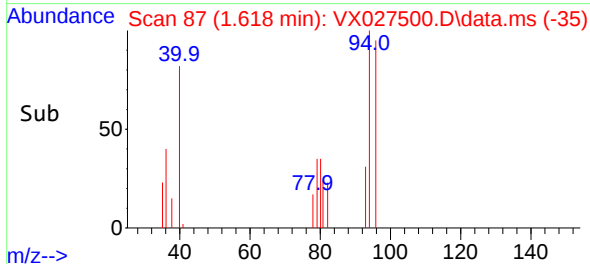
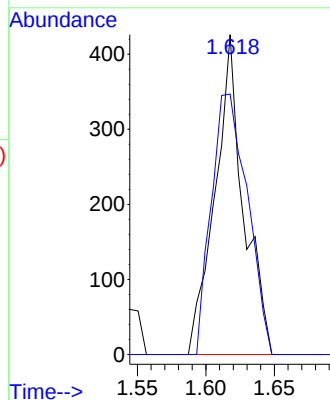
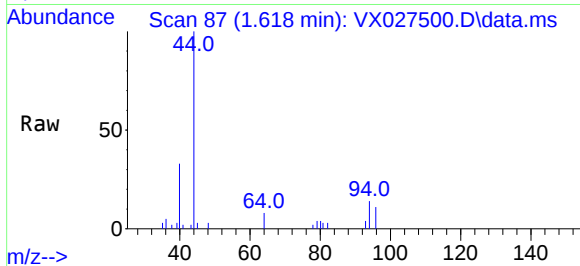




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

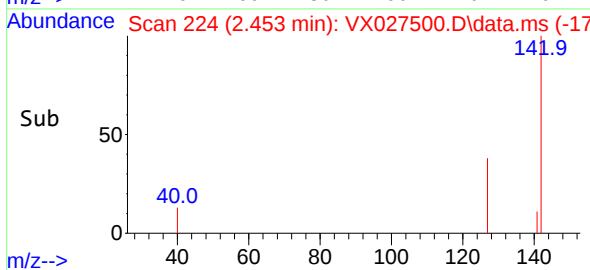
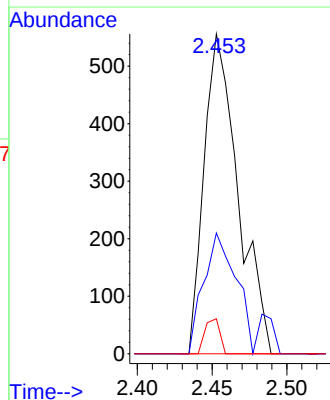
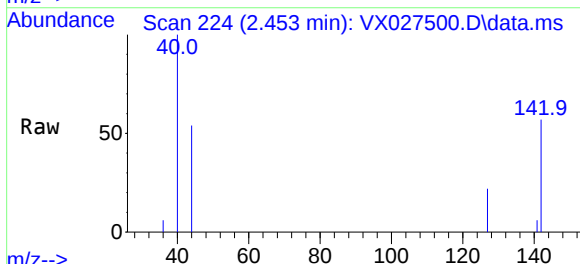
Instrument :
MSVOA_X
ClientSampleId :
MW-105

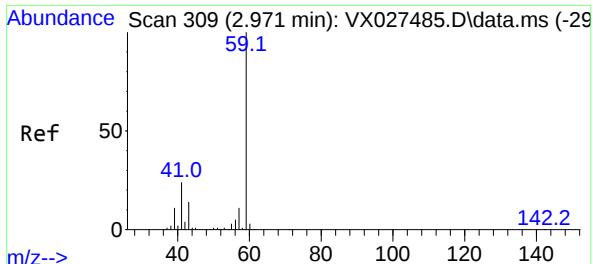
Tgt Ion: 94 Resp: 617
Ion Ratio Lower Upper
94 100
96 81.5 75.3 112.9



#10
Methyl Iodide
Concen: 0.201 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Tgt Ion: 142 Resp: 878
Ion Ratio Lower Upper
142 100
127 36.1 33.9 50.9
141 4.8 11.4 17.2#

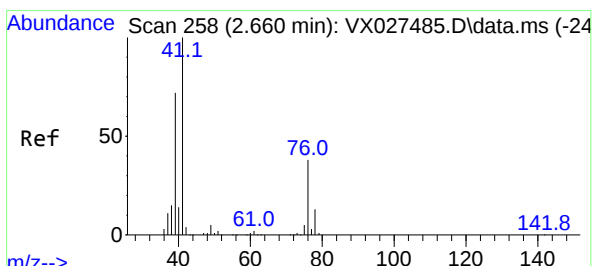
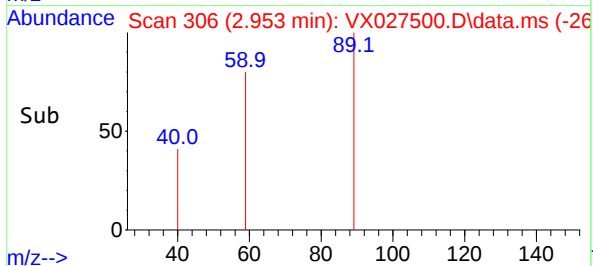
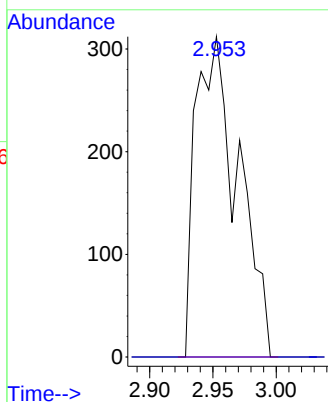
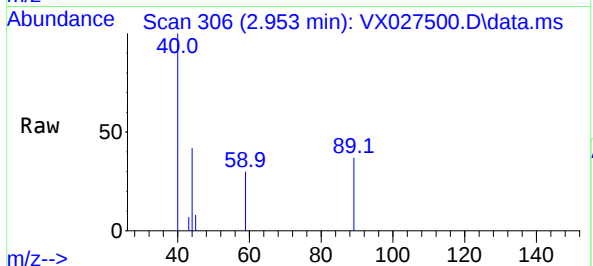




#11
Tert butyl alcohol
Concen: 0.918 ug/l
RT: 2.953 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

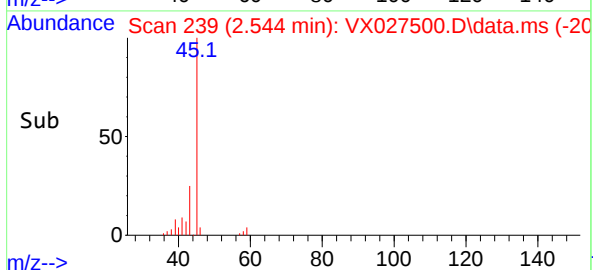
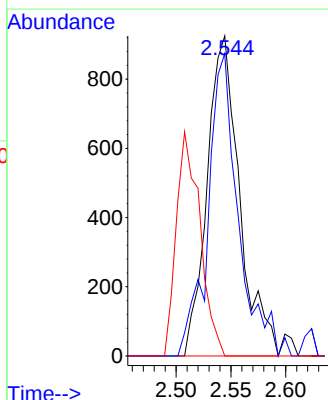
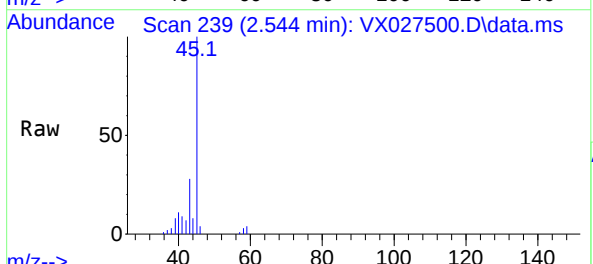
Instrument :
MSVOA_X
ClientSampleId :
MW-105

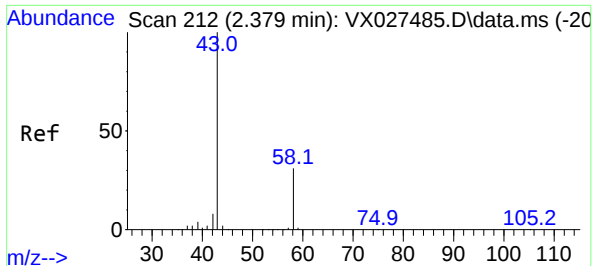
Tgt Ion: 59 Resp: 733
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.385 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.116 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Tgt Ion: 41 Resp: 1904
Ion Ratio Lower Upper
41 100
39 88.6 50.4 75.6#
76 0.0 32.7 49.1#

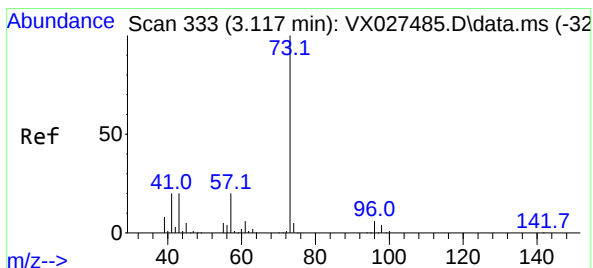
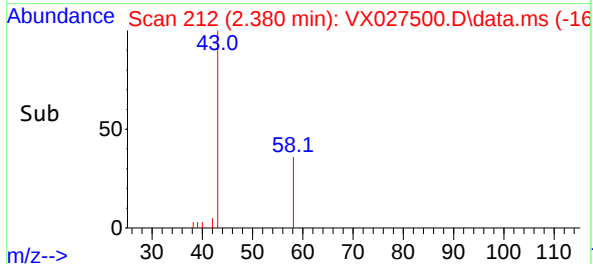
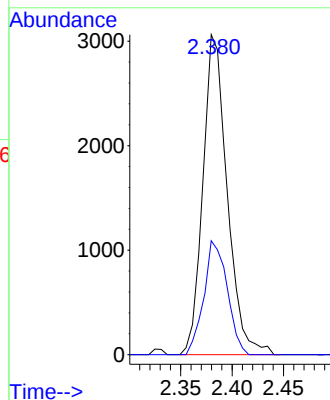
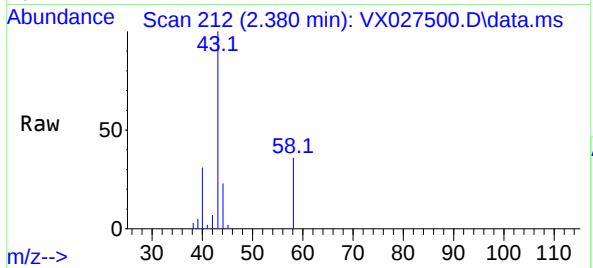




#16
Acetone
Concen: 2.952 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

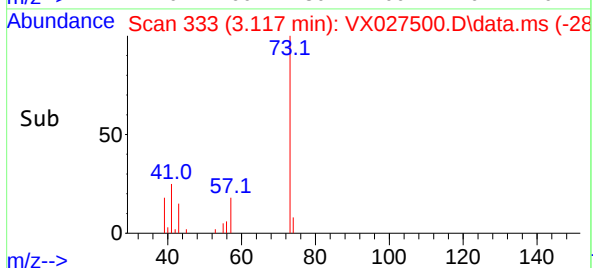
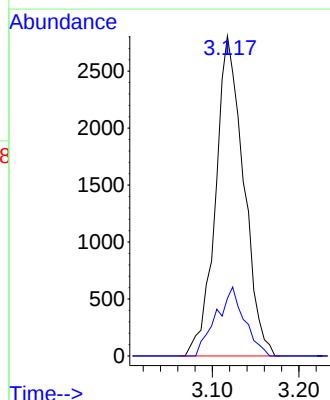
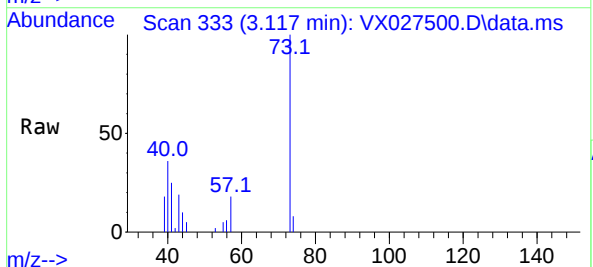
Instrument :
MSVOA_X
ClientSampleId :
MW-105

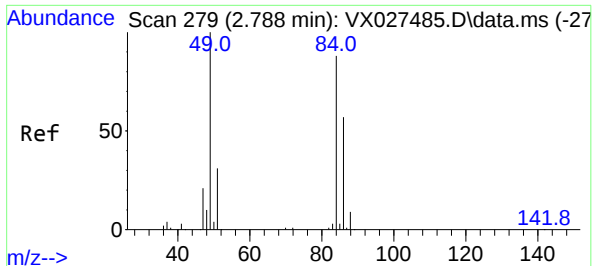
Tgt Ion: 43 Resp: 5043
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 0.593 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Tgt Ion: 73 Resp: 6318
Ion Ratio Lower Upper
73 100
57 18.0 16.8 25.2



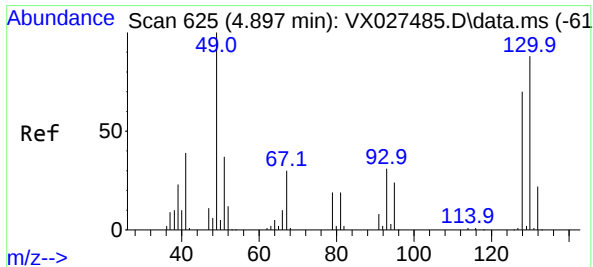
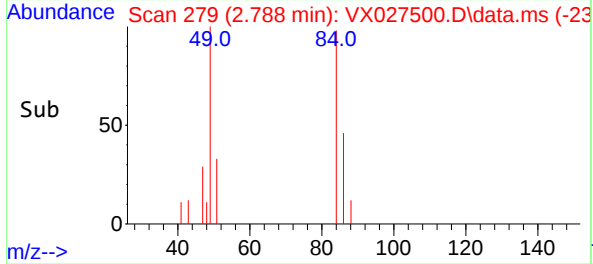
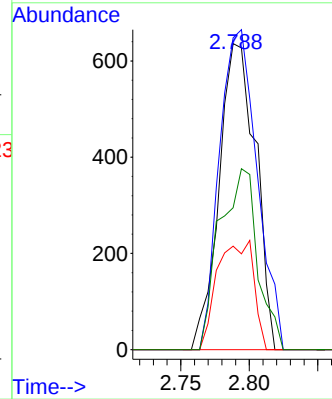
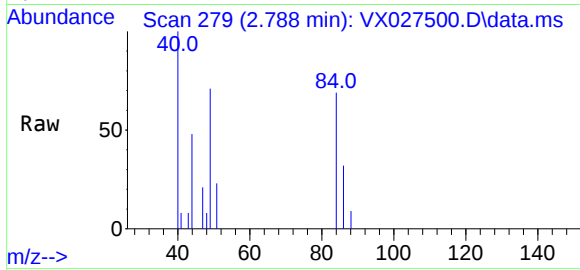


#20
Methylene Chloride
Concen: 0.321 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Instrument :
MSVOA_X
ClientSampleId :
MW-105

Tgt Ion: 84 Resp: 1180

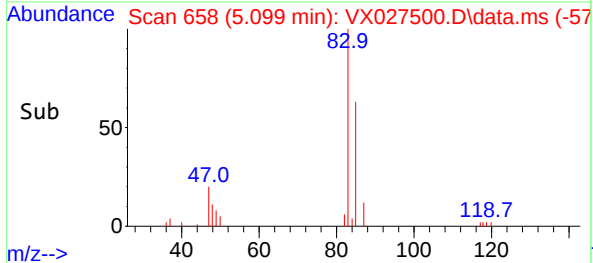
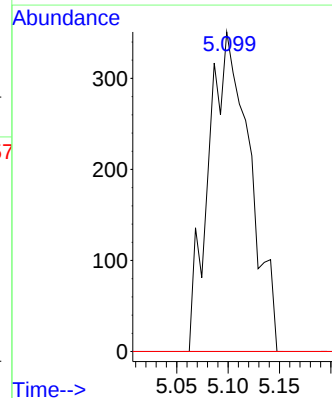
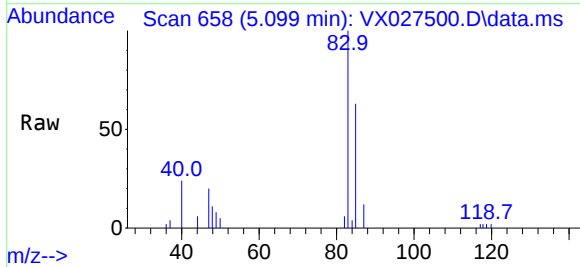
Ion	Ratio	Lower	Upper
84	100		
49	101.9	85.5	128.3
51	33.8	26.6	39.8
86	46.4	51.5	77.3

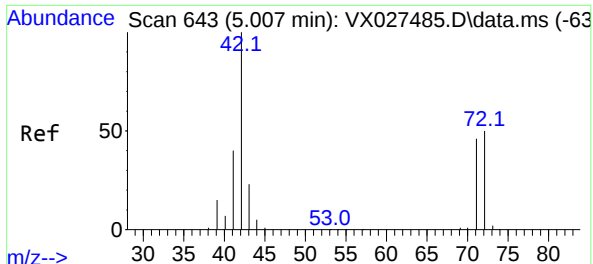


#28
Bromochloromethane
Concen: 0.414 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.201 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Tgt Ion: 49 Resp: 980

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	0.0	70.7	106.1





#29

Tetrahydrofuran

Concen: 0.337 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX027500.D

Acq: 17 Mar 2022 20:33

Instrument :

MSVOA_X

ClientSampleId :

MW-105

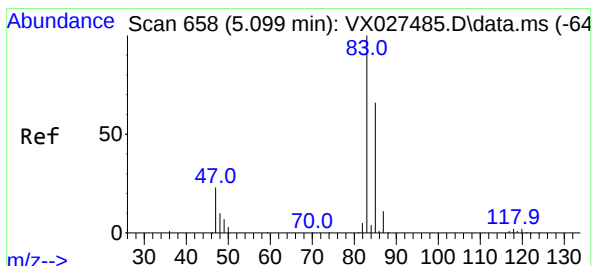
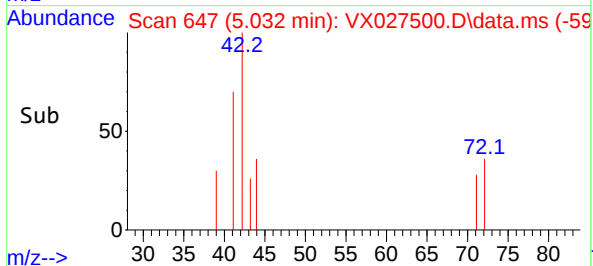
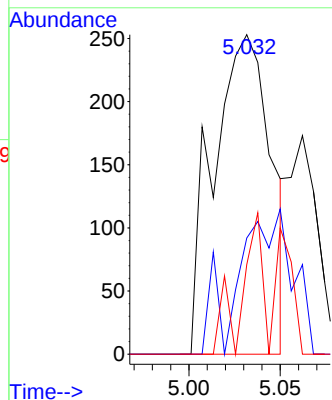
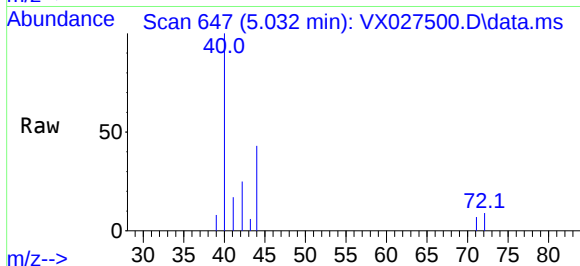
Tgt Ion: 42 Resp: 556

Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 16.2 40.5 60.7#



#30

Chloroform

Concen: 2.084 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX027500.D

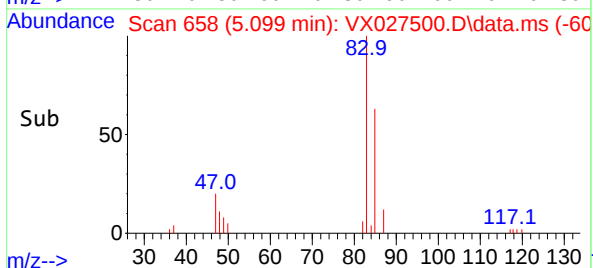
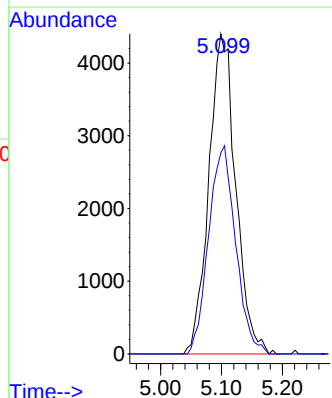
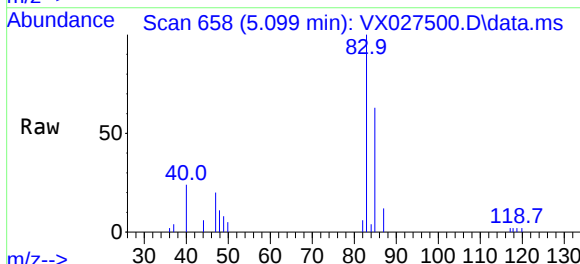
Acq: 17 Mar 2022 20:33

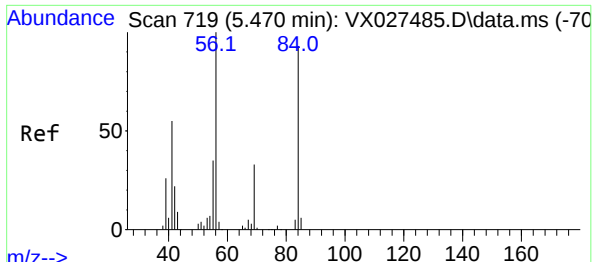
Tgt Ion: 83 Resp: 13498

Ion Ratio Lower Upper

83 100

85 62.9 52.7 79.1

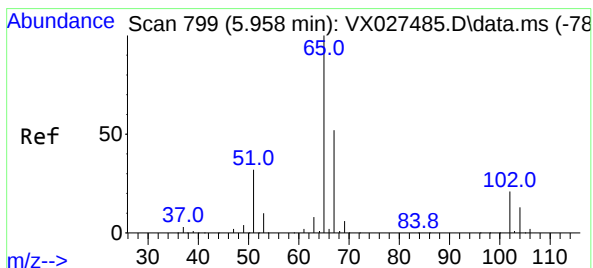
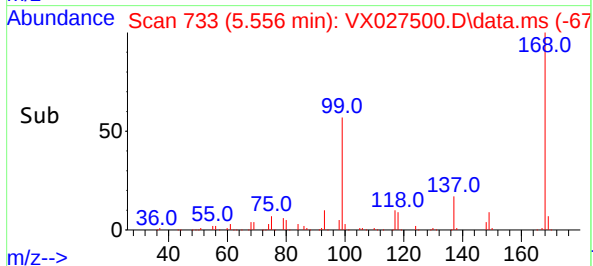
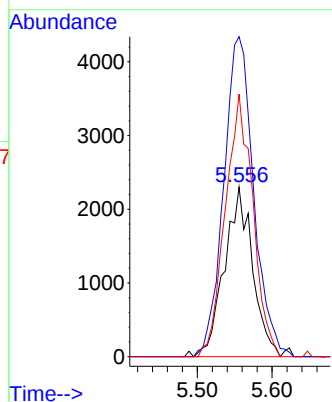
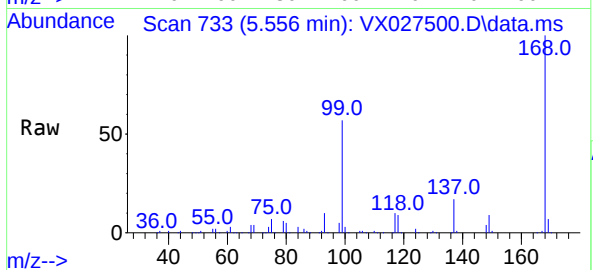




#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

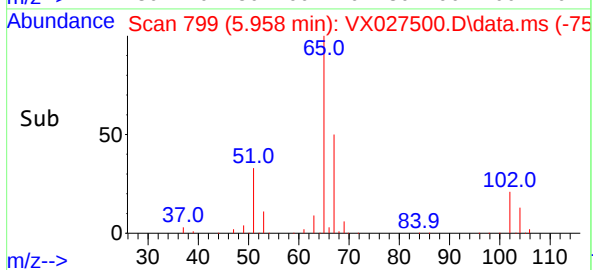
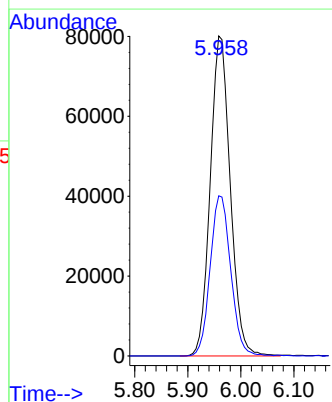
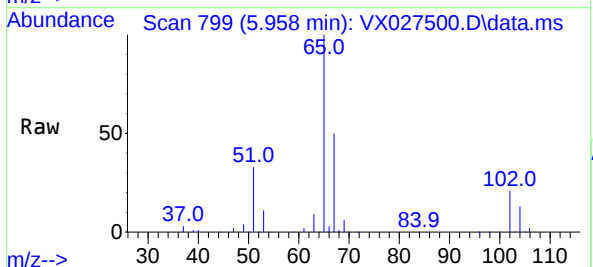
Instrument :
MSVOA_X
ClientSampleId :
MW-105

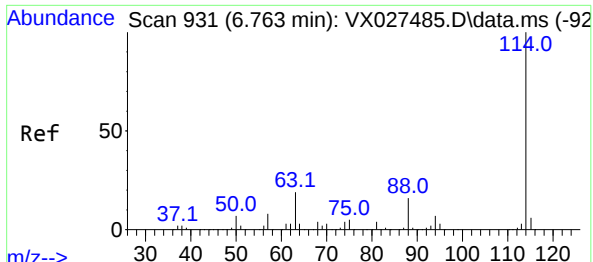
Tgt Ion: 56 Resp: 6018
Ion Ratio Lower Upper
56 100
69 188.7 26.7 40.1#
84 154.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.197 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Tgt Ion: 65 Resp: 210374
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

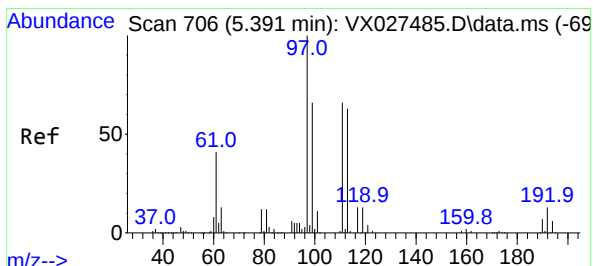
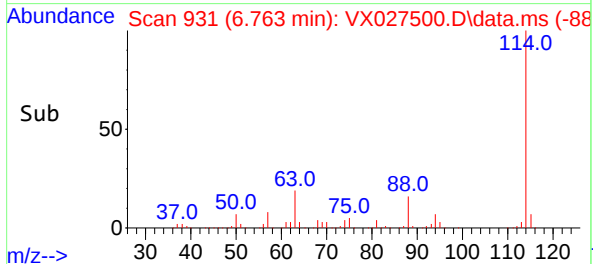
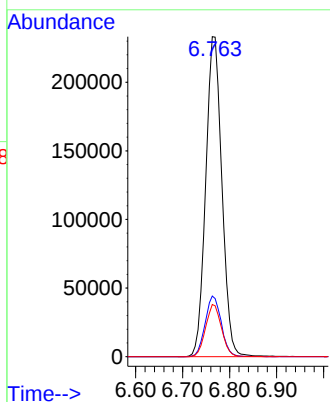
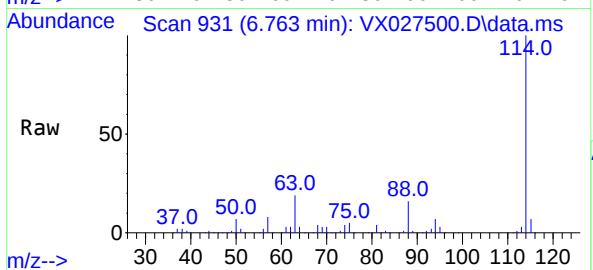




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

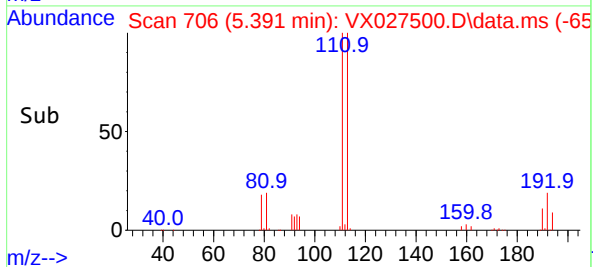
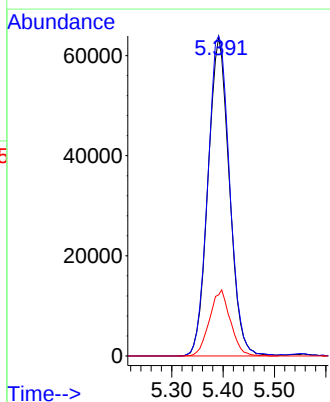
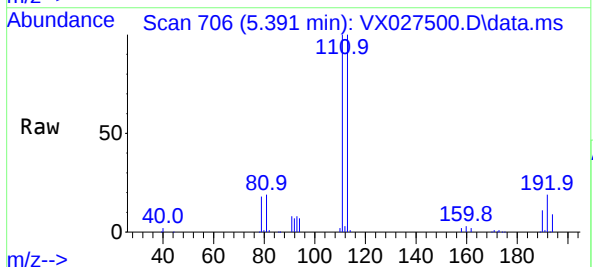
Instrument :
MSVOA_X
ClientSampleId :
MW-105

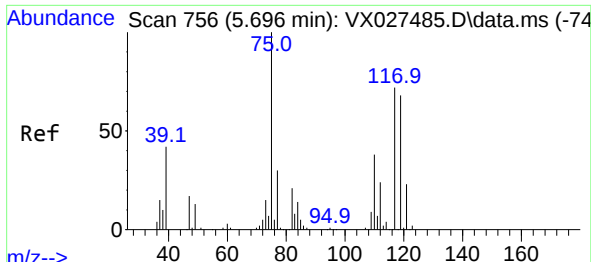
Tgt Ion:114 Resp: 556511
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.116 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Tgt Ion:113 Resp: 183020
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 20.4 16.9 25.3

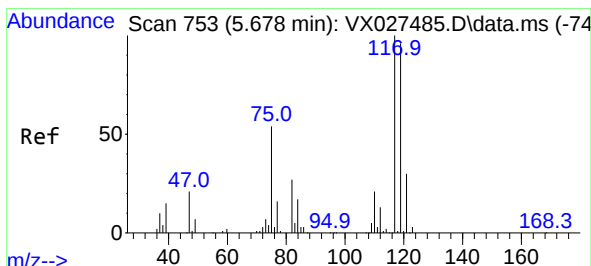
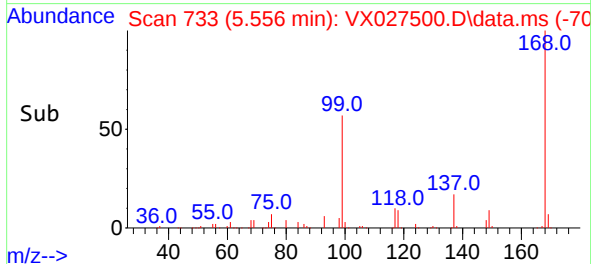
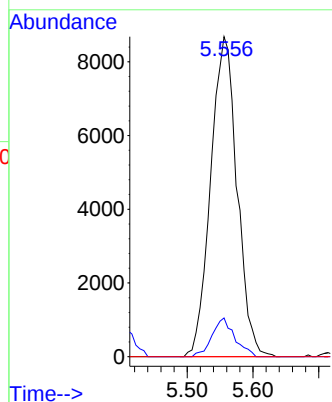
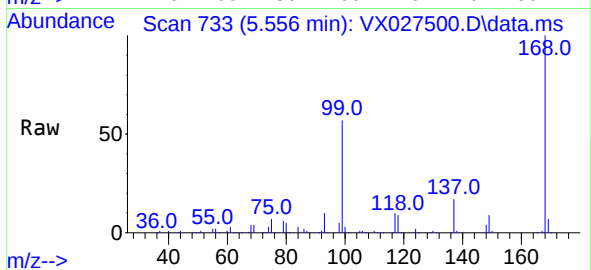




#36
1,1-Dichloropropene
Concen: 4.962 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

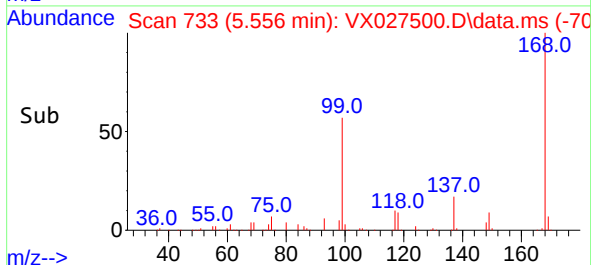
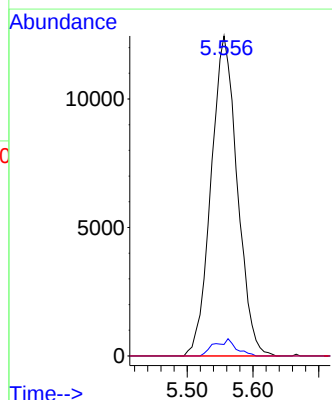
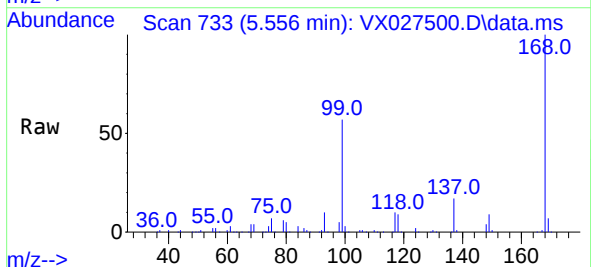
Instrument :
MSVOA_X
ClientSampleId :
MW-105

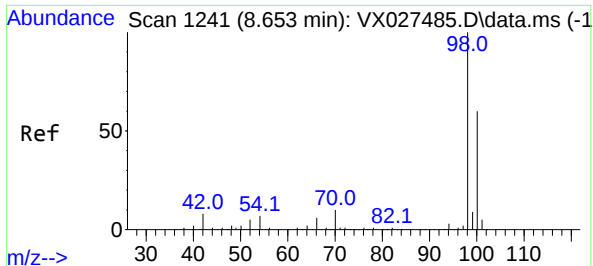
Tgt Ion: 75 Resp: 24279
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.179 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Tgt Ion: 117 Resp: 34590
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#

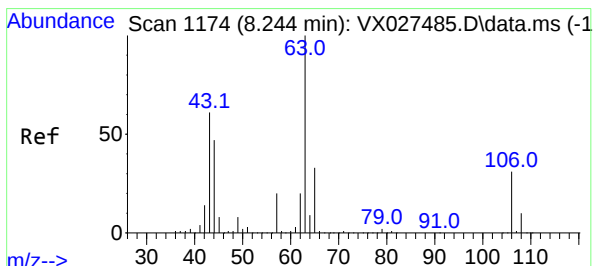
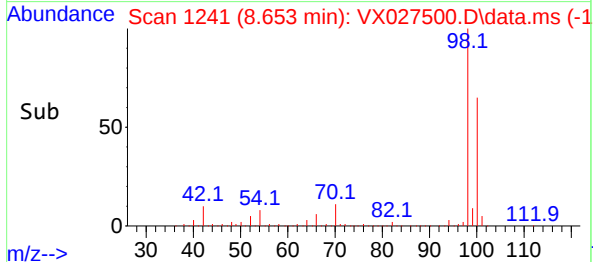
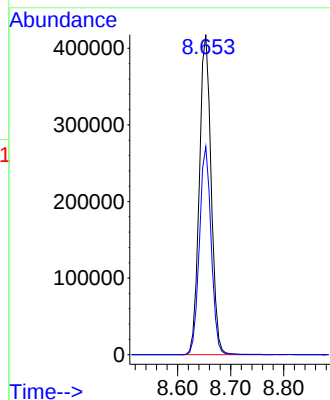
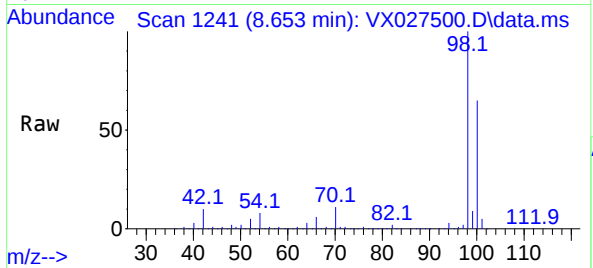




#50
Toluene-d8
Concen: 47.830 ug/l
RT: 8.653 min Scan# 1163
Delta R.T. 0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

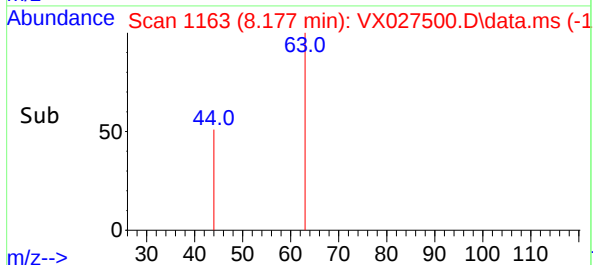
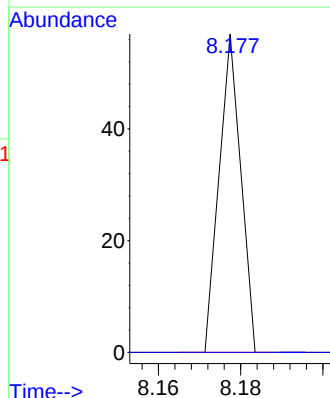
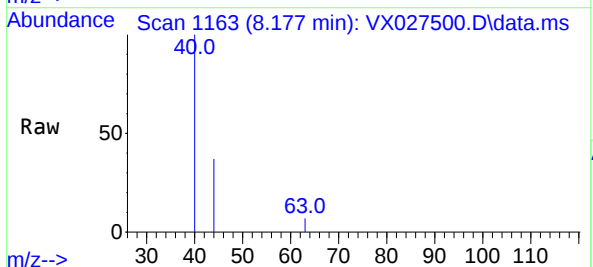
Instrument :
MSVOA_X
ClientSampleId :
MW-105

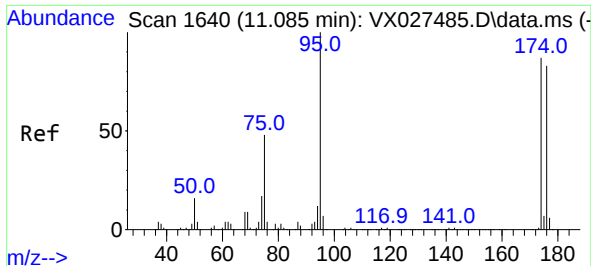
Tgt Ion: 98 Resp: 648050
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.177 min Scan# 1163
Delta R.T. -0.067 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Tgt Ion: 63 Resp: 21
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

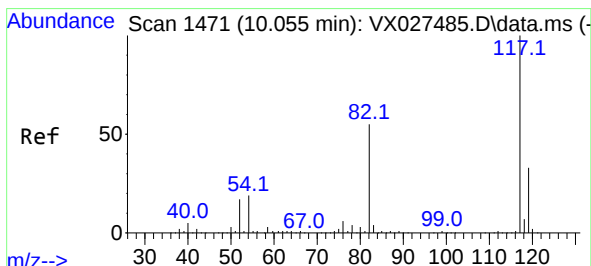
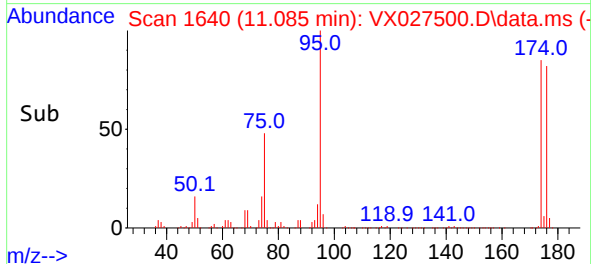
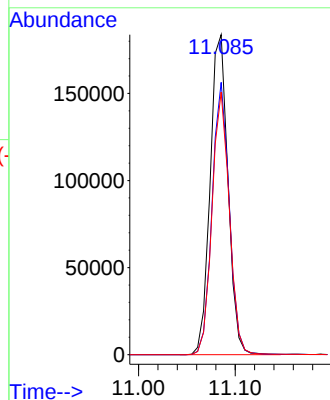
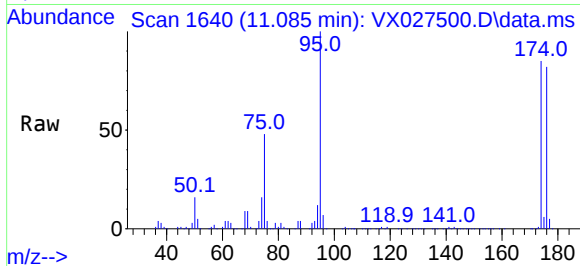




#62
4-Bromofluorobenzene
Concen: 47.355 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

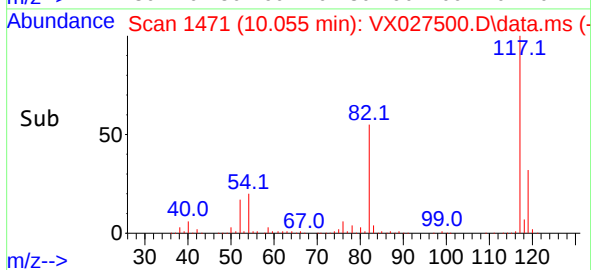
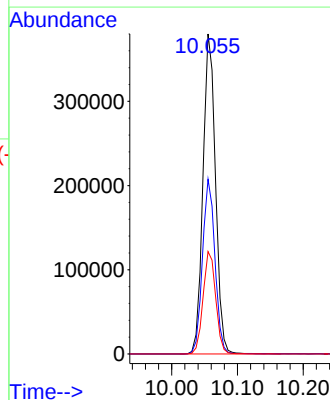
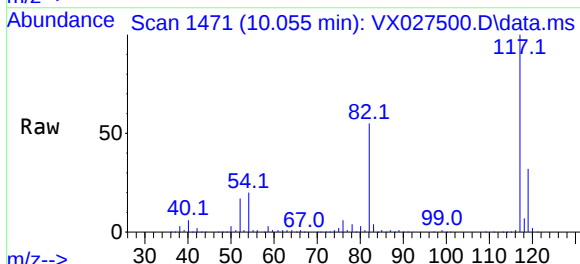
Instrument :
MSVOA_X
ClientSampleId :
MW-105

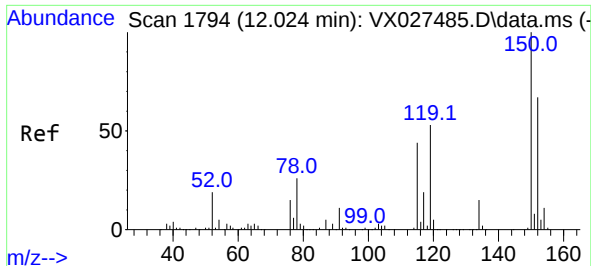
Tgt Ion: 95 Resp: 235829
Ion Ratio Lower Upper
95 100
174 81.7 0.0 163.0
176 79.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Tgt Ion: 117 Resp: 503645
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 32.0 24.8 37.2

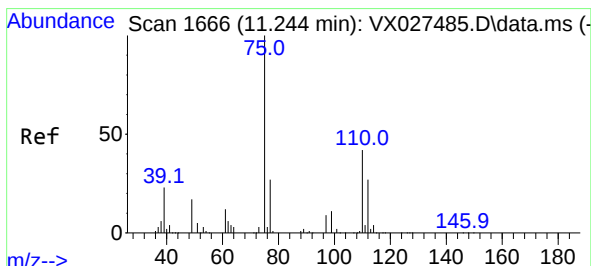
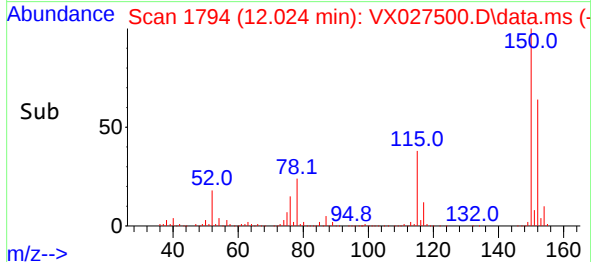
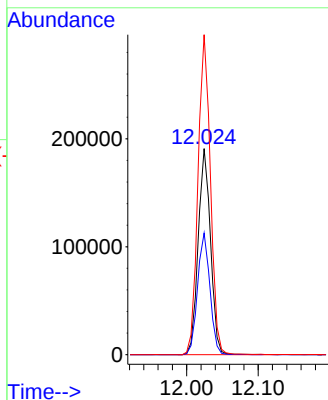
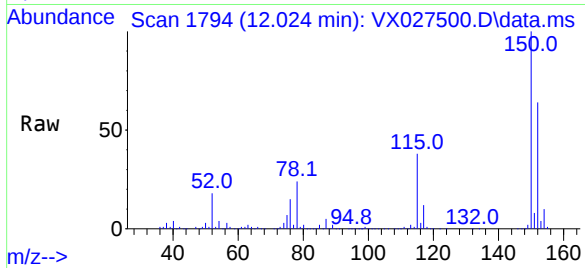




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

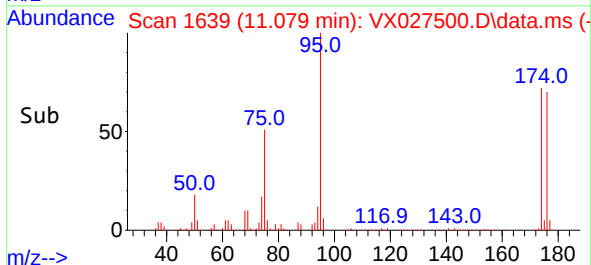
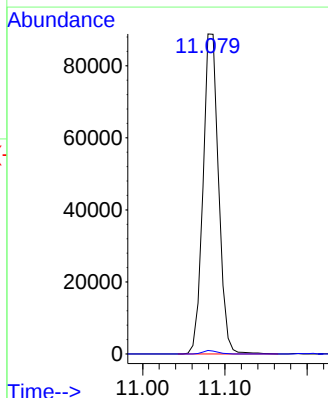
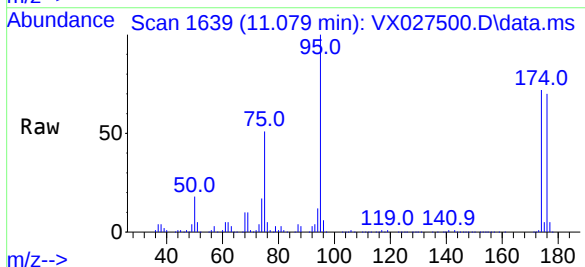
Instrument :
MSVOA_X
ClientSampleId :
MW-105

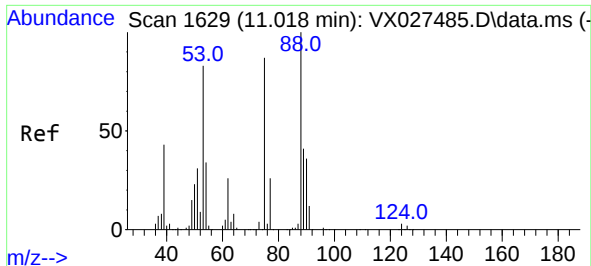
Tgt Ion:152 Resp: 228274
Ion Ratio Lower Upper
152 100
115 59.1 37.5 112.7
150 156.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027500.D
Acq: 17 Mar 2022 20:33

Tgt Ion: 75 Resp: 116669
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.209 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027500.D
 Acq: 17 Mar 2022 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-105

Tgt Ion: 75 Resp: 116669
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

