

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027499.D
 Acq On : 17 Mar 2022 20:09
 Operator : JC/MD
 Sample : N1997-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104D

Quant Time: Mar 18 02:07:04 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)

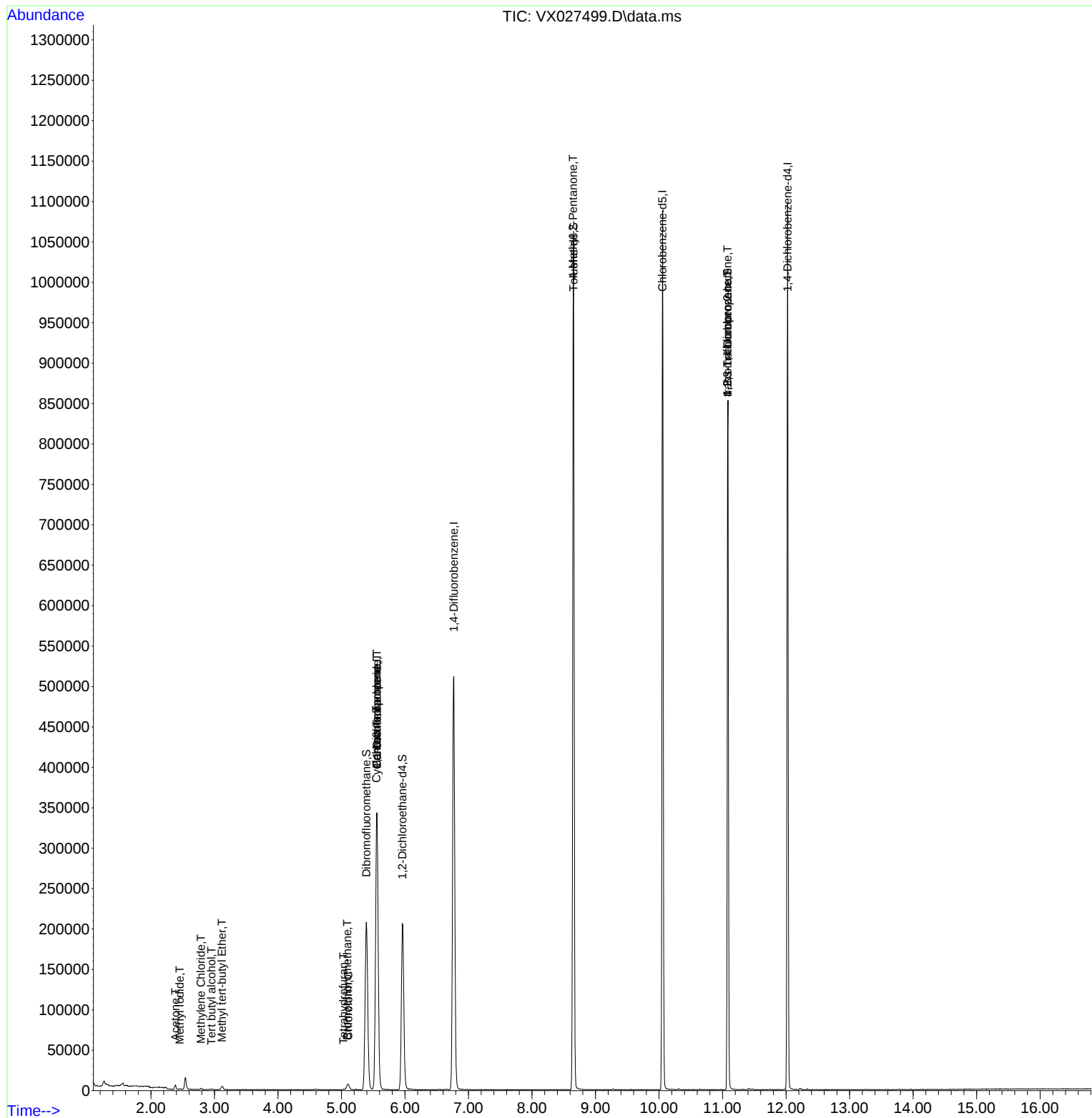
Internal Standards						
1) Pentafluorobenzene	5.556	168	335228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	547431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	500281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205850	49.847	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.700%
35) Dibromofluoromethane	5.391	113	181948	51.659	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.320%
50) Toluene-d8	8.653	98	644748	48.376	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.760%
62) 4-Bromofluorobenzene	11.079	95	231168	47.189	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.380%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	708	Below Cal		95
10) Methyl Iodide	2.453	142	881	0.205	ug/l	94
11) Tert butyl alcohol	2.953	59	531	0.675	ug/l #	72
16) Acetone	2.386	43	5710	3.392	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	4468	0.425	ug/l	95
20) Methylene Chloride	2.788	84	846	0.234	ug/l #	82
28) Bromochloromethane	5.093	49	606	0.260	ug/l #	7
29) Tetrahydrofuran	5.032	42	457	0.281	ug/l #	58
30) Chloroform	5.105	83	8956	1.403	ug/l	92
31) Cyclohexane	5.550	56	6193	1.208	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	24038	4.994	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34274	6.224	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2373	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	114963	24.666	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	114963	74.912	ug/l #	15

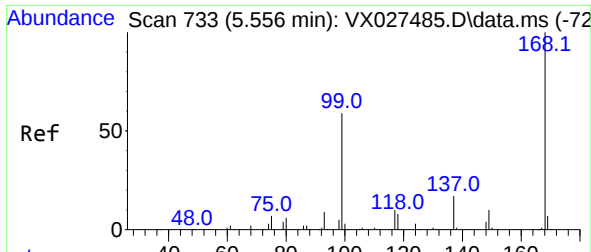
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 18 02:07:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
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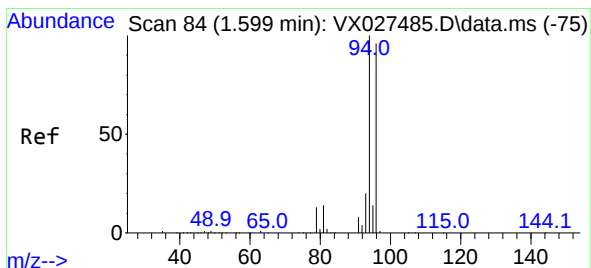
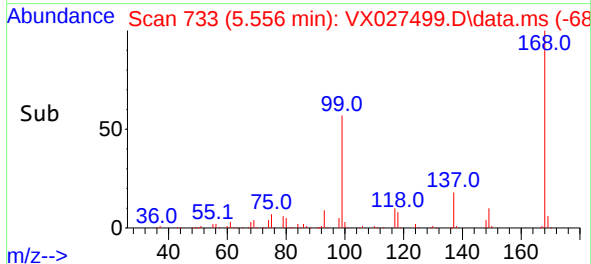
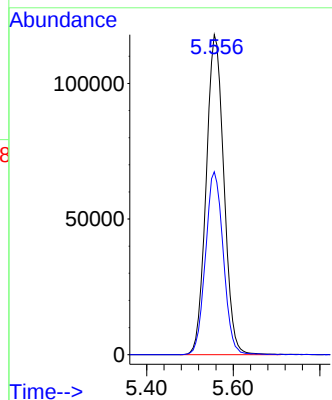
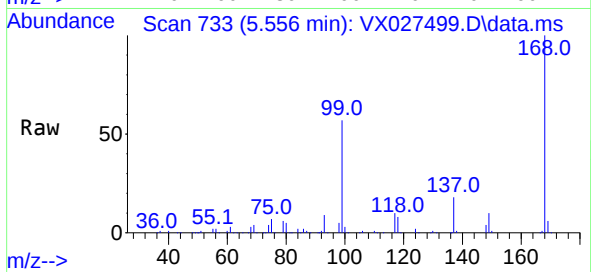




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

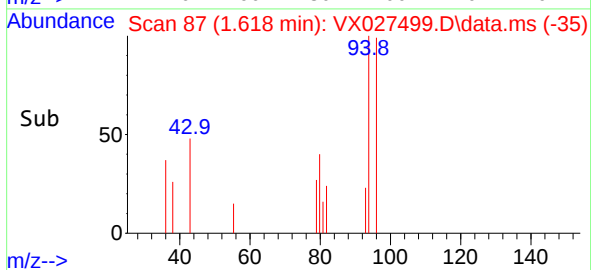
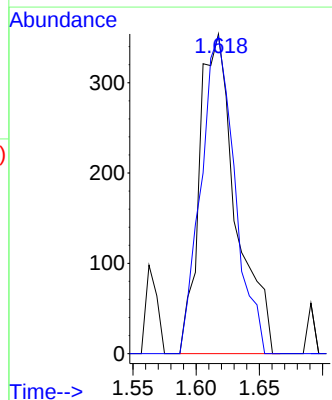
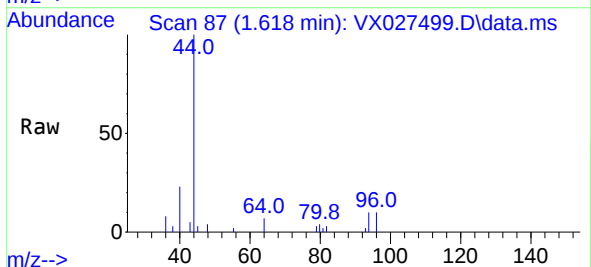
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

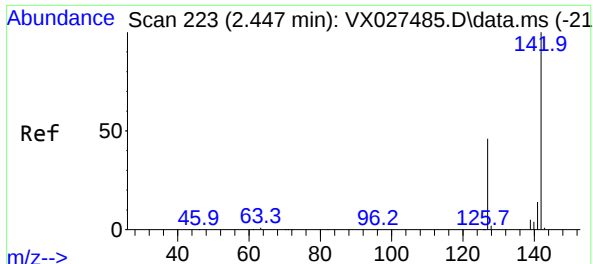
Tgt Ion:168 Resp: 335228
Ion Ratio Lower Upper
168 100
99 57.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Tgt Ion: 94 Resp: 708
Ion Ratio Lower Upper
94 100
96 99.2 75.3 112.9

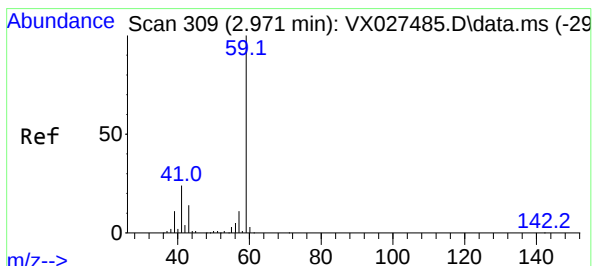
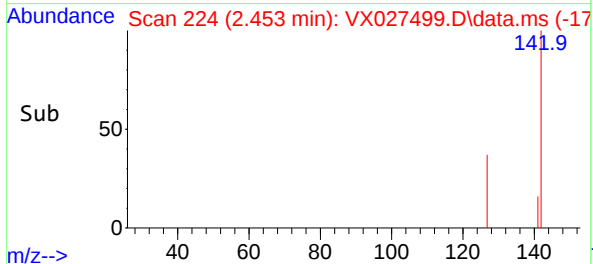
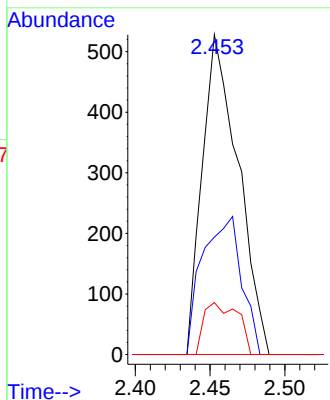
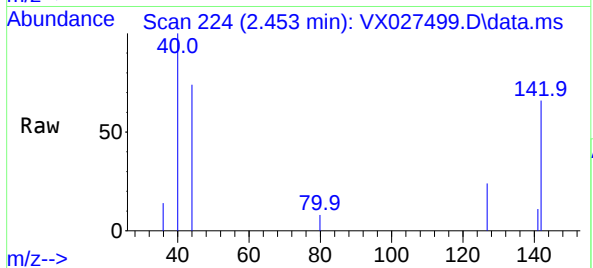




#10
Methyl Iodide
Concen: 0.205 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

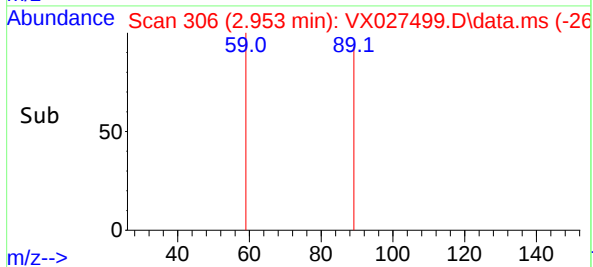
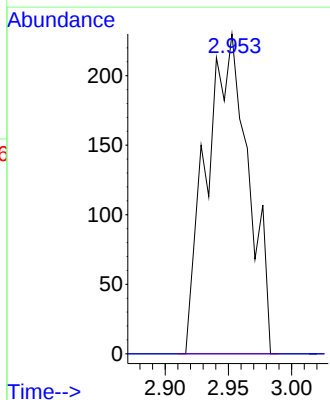
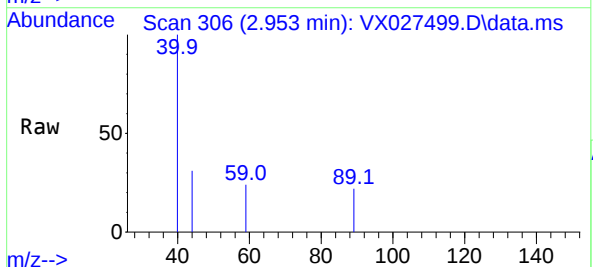
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

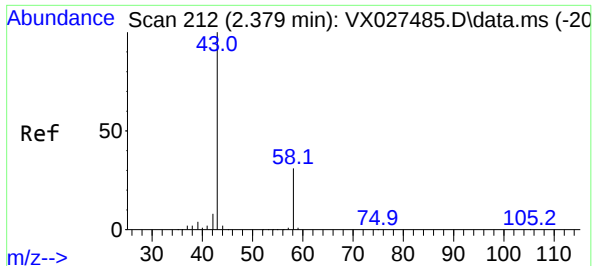
Tgt Ion:142 Resp: 881
Ion Ratio Lower Upper
142 100
127 47.1 33.9 50.9
141 15.3 11.4 17.2



#11
Tert butyl alcohol
Concen: 0.675 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Tgt Ion: 59 Resp: 531
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

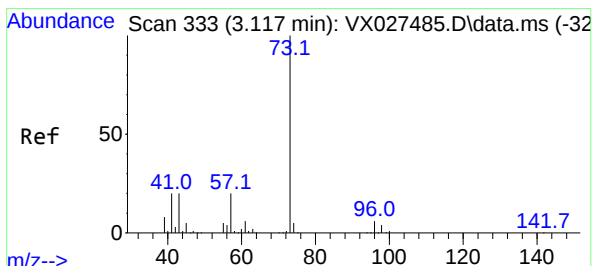
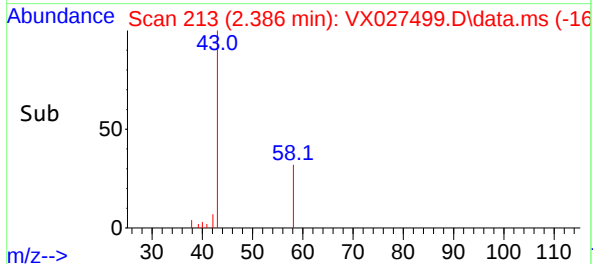
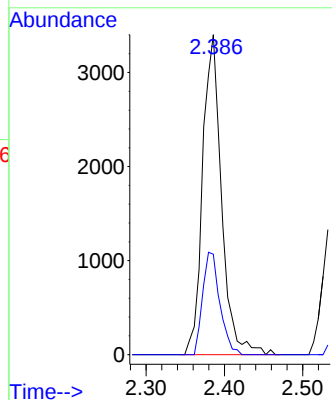
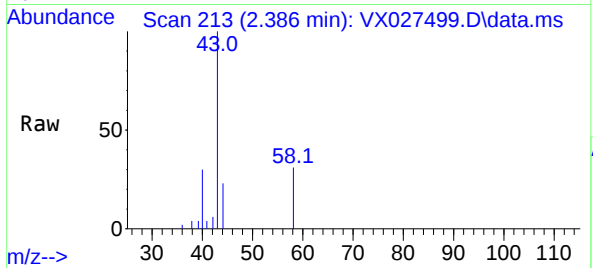




#16
Acetone
Concen: 3.392 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

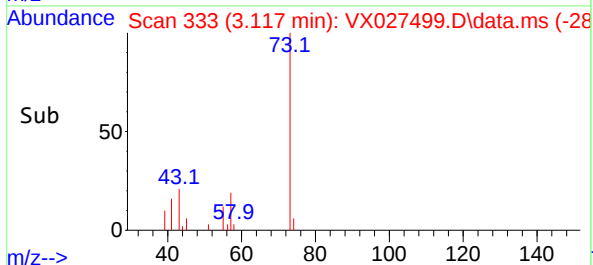
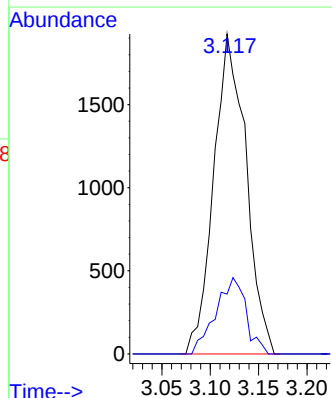
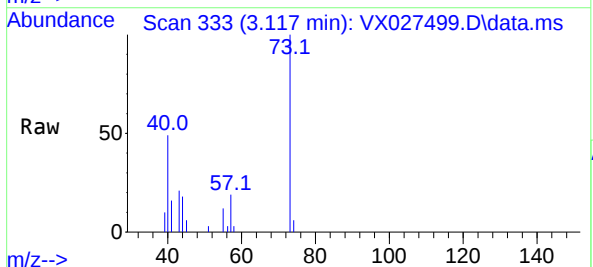
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

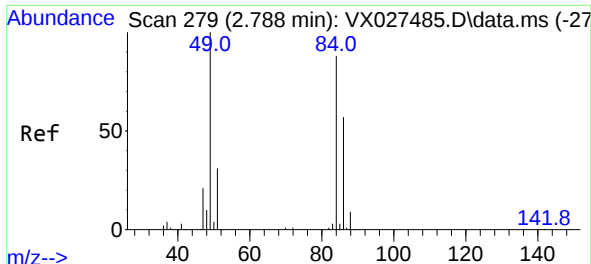
Tgt Ion: 43 Resp: 5710
Ion Ratio Lower Upper
43 100
58 31.4 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 0.425 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Tgt Ion: 73 Resp: 4468
Ion Ratio Lower Upper
73 100
57 18.7 16.8 25.2

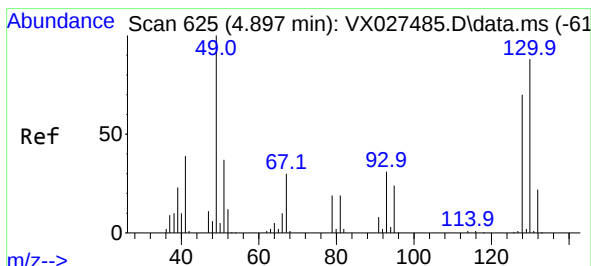
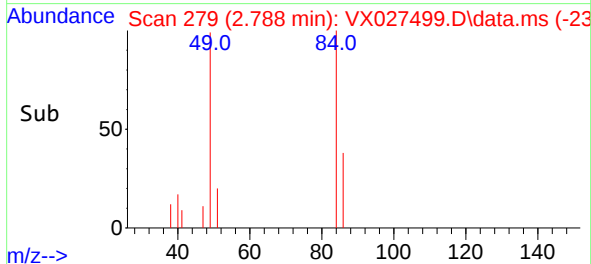
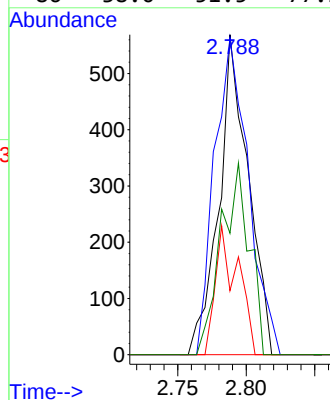
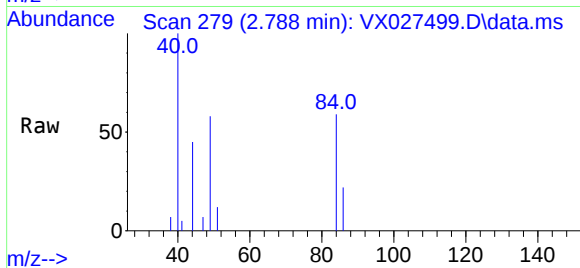




#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

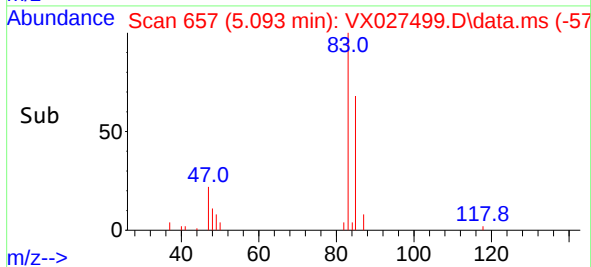
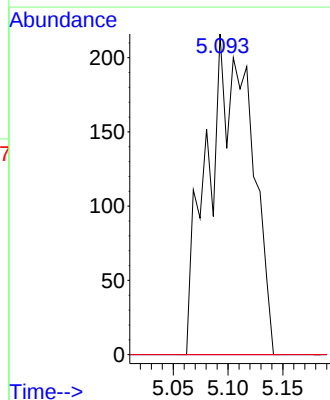
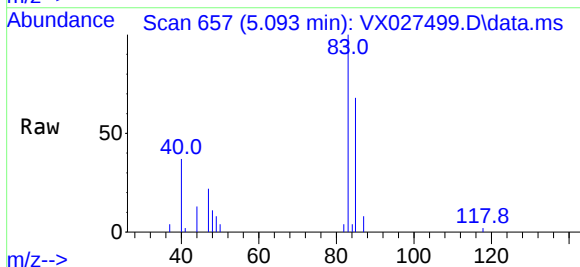
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

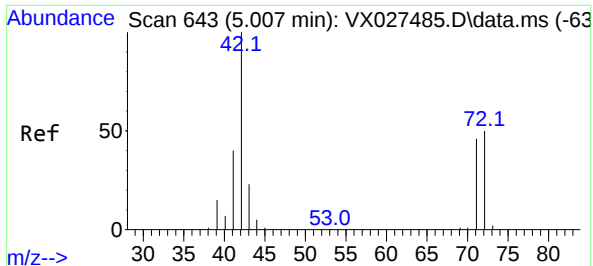
Tgt Ion:	84	Resp:	846
Ion	Ratio	Lower	Upper
84	100		
49	99.1	85.5	128.3
51	20.0	26.6	39.8#
86	38.0	51.5	77.3#



#28
Bromochloromethane
Concen: 0.260 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.195 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Tgt Ion:	49	Resp:	606
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	0.0	70.7	106.1#





#29

Tetrahydrofuran

Concen: 0.281 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX027499.D

Acq: 17 Mar 2022 20:09

Instrument :

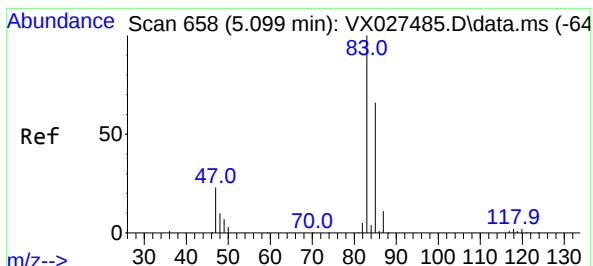
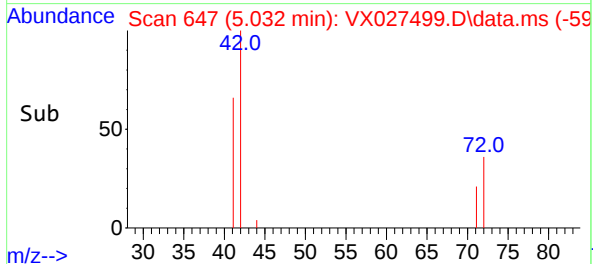
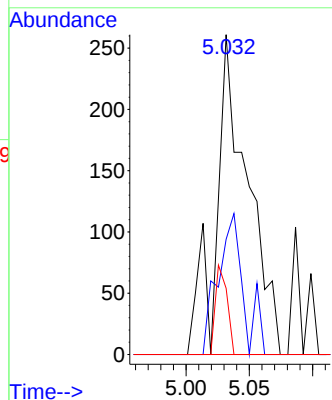
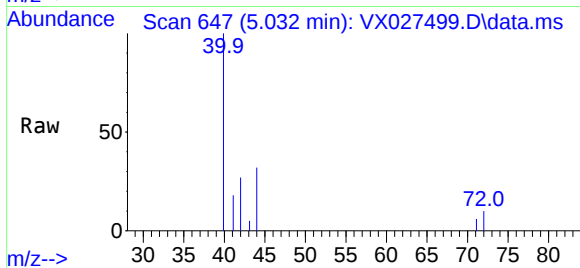
MSVOA_X

ClientSampleId :

MW-104D

Tgt Ion: 42 Resp: 457

Ion	Ratio	Lower	Upper
42	100		
72	35.4	44.1	66.1#
71	10.1	40.5	60.7#



#30

Chloroform

Concen: 1.403 ug/l

RT: 5.105 min Scan# 659

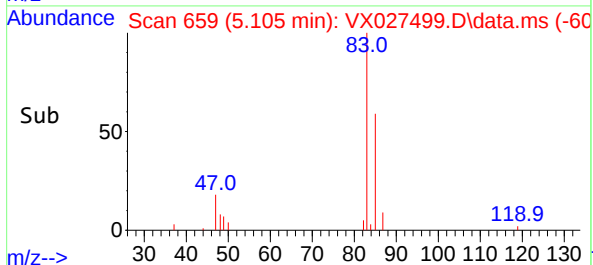
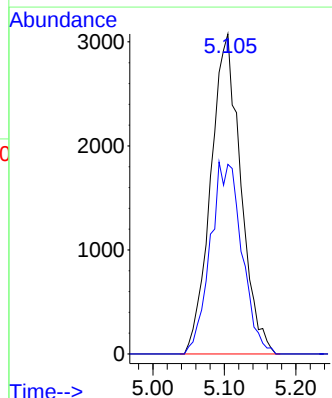
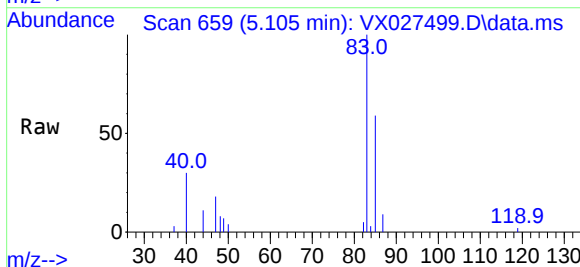
Delta R.T. 0.006 min

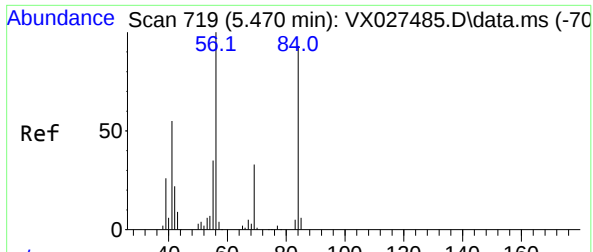
Lab File: VX027499.D

Acq: 17 Mar 2022 20:09

Tgt Ion: 83 Resp: 8956

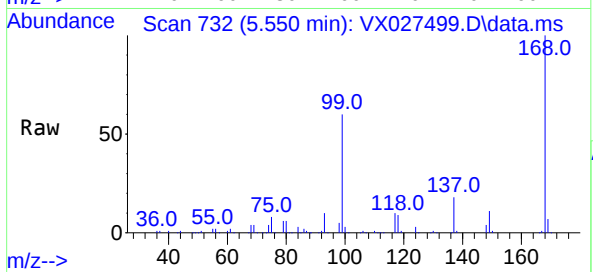
Ion	Ratio	Lower	Upper
83	100		
85	59.3	52.7	79.1



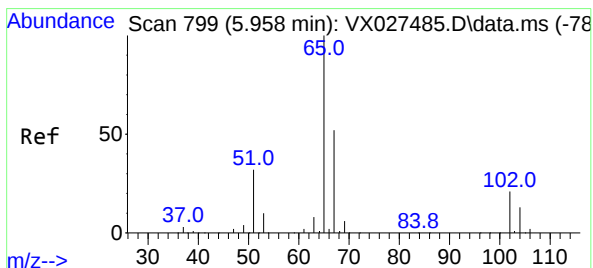
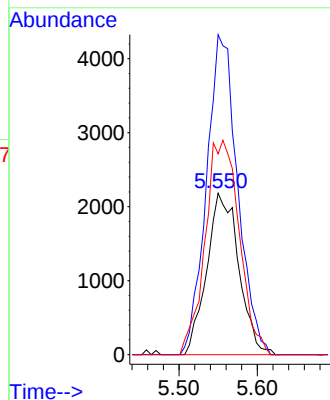
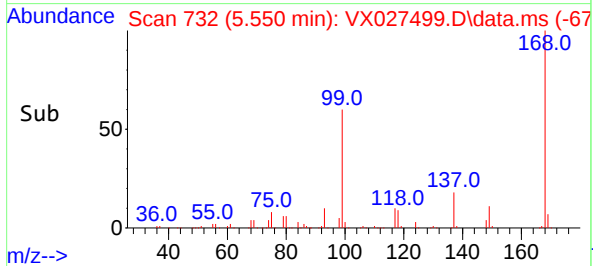


#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Instrument :
MSVOA_X
ClientSampleId :
MW-104D

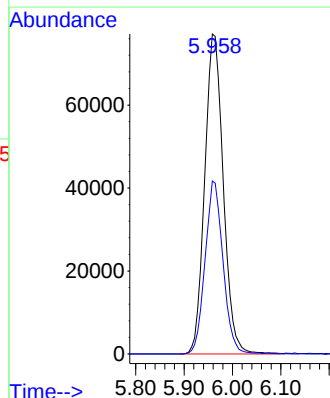
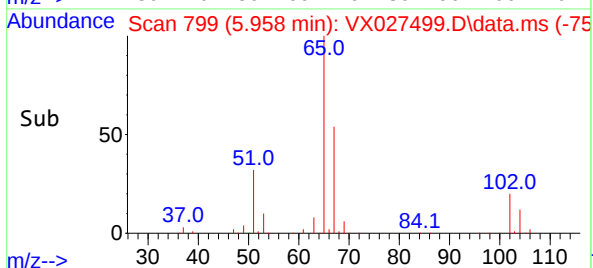
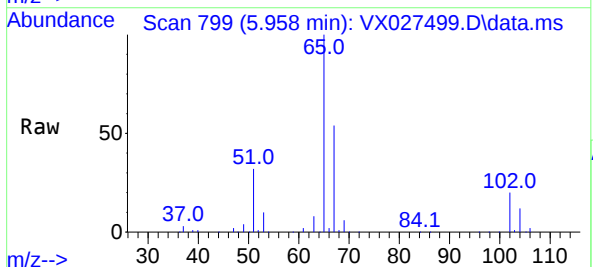


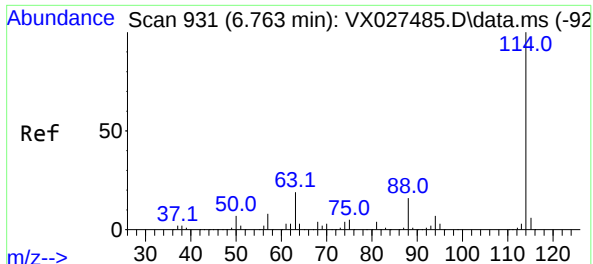
Tgt Ion: 56 Resp: 6193
Ion Ratio Lower Upper
56 100
69 198.2 26.7 40.1#
84 124.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.847 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Tgt Ion: 65 Resp: 205850
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

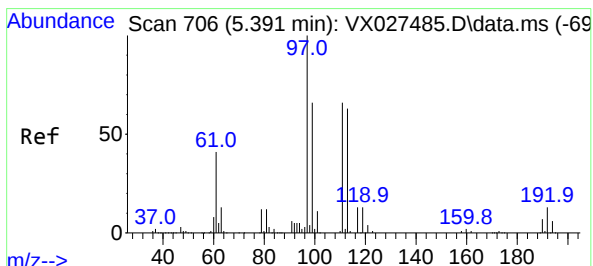
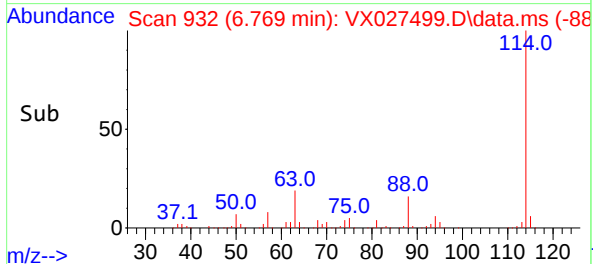
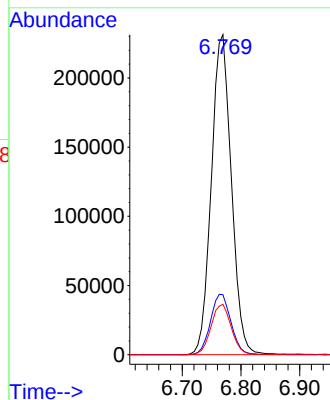
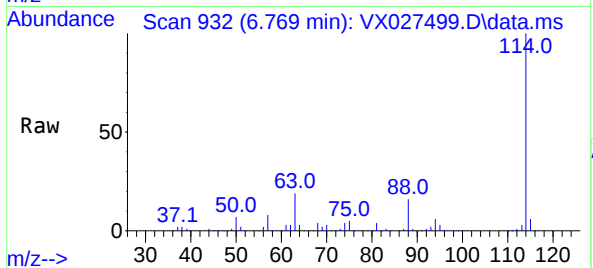




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

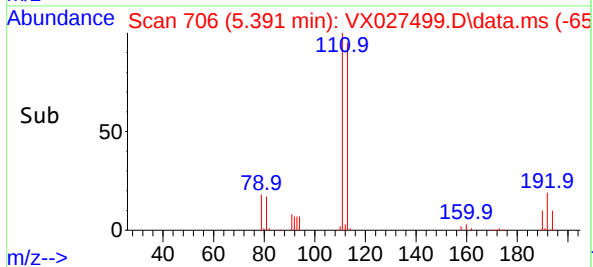
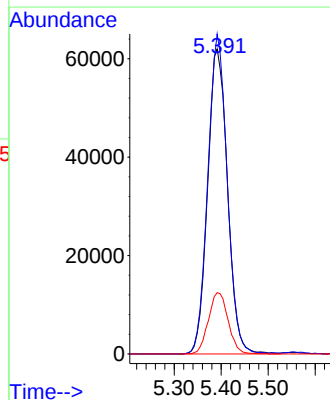
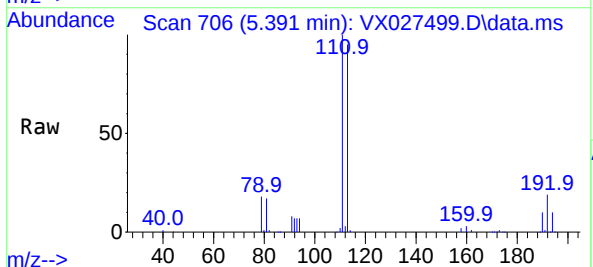
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

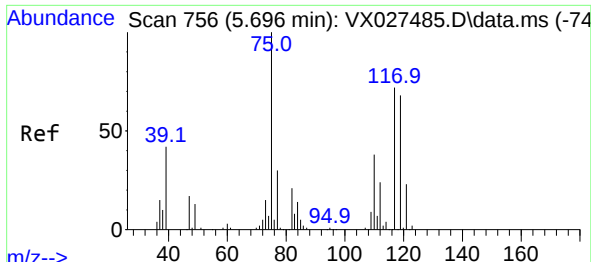
Tgt Ion:114 Resp: 547431
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.659 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Tgt Ion:113 Resp: 181948
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 20.0 16.9 25.3

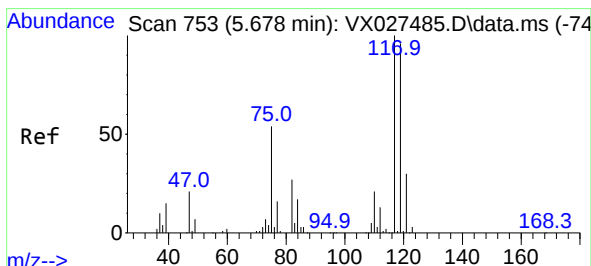
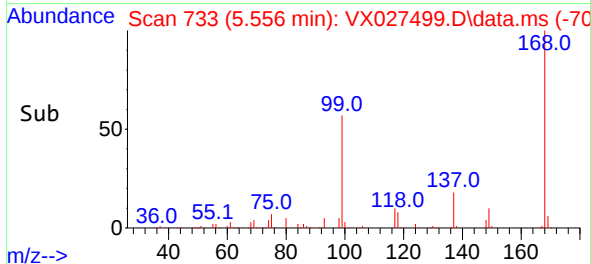
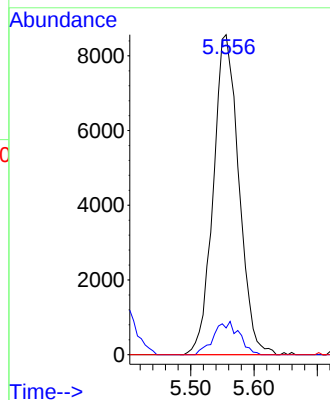
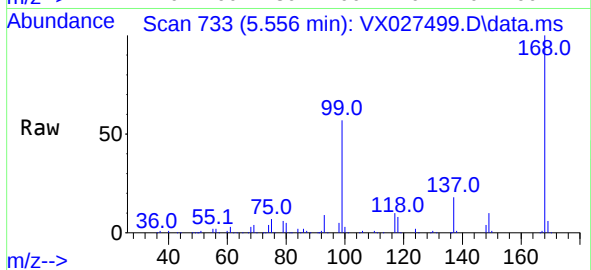




#36
1,1-Dichloropropene
Concen: 4.994 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

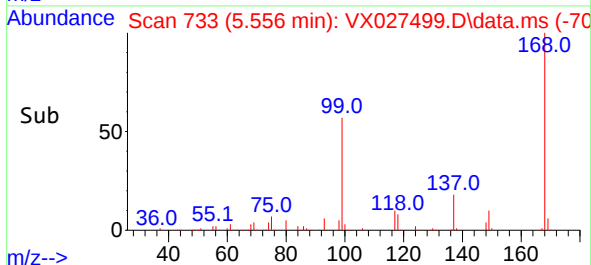
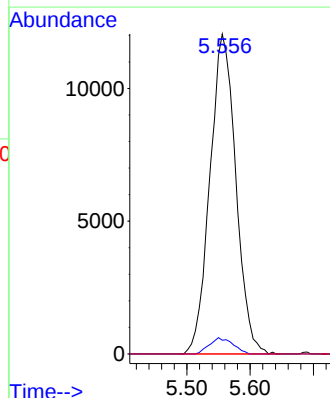
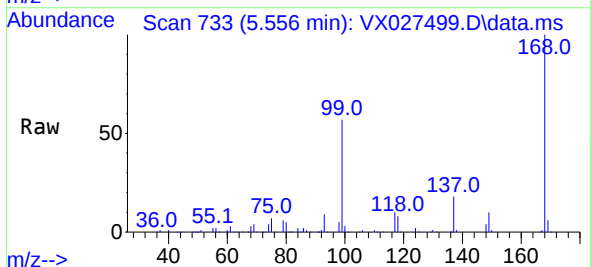
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

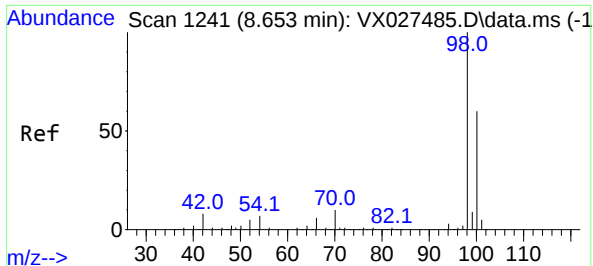
Tgt Ion: 75 Resp: 24038
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Tgt Ion: 117 Resp: 34274
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#

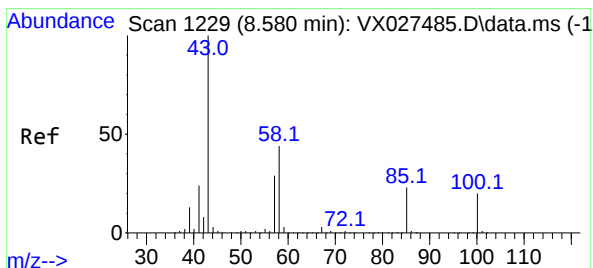
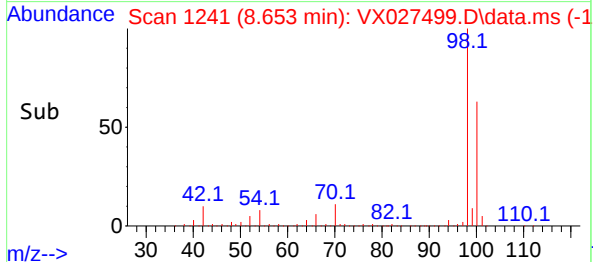
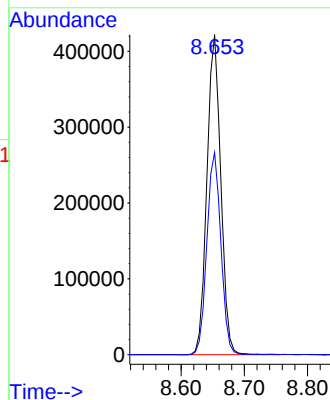
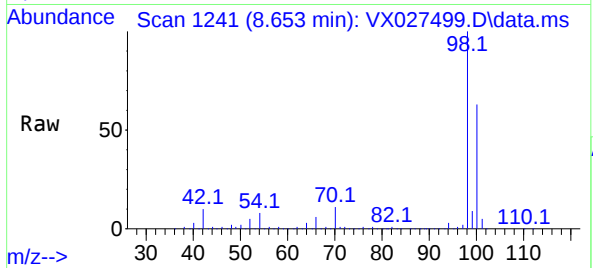




#50
Toluene-d8
Concen: 48.376 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

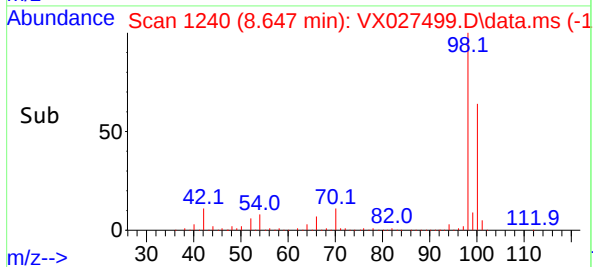
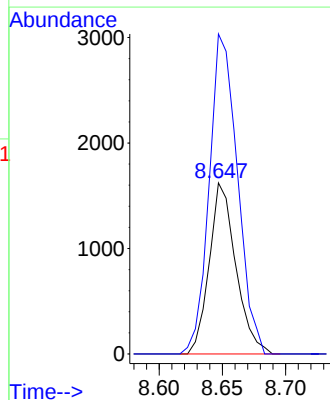
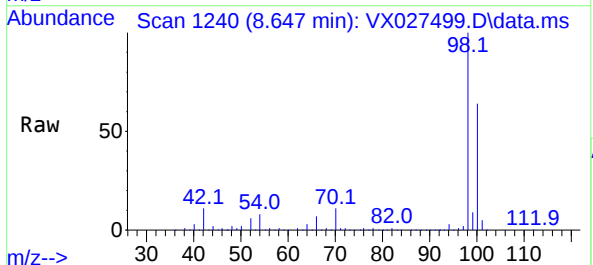
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

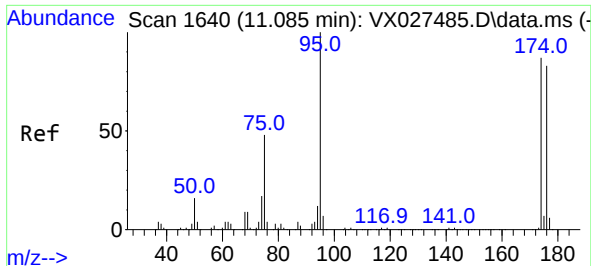
Tgt Ion: 98 Resp: 644748
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Tgt Ion: 43 Resp: 2373
Ion Ratio Lower Upper
43 100
58 198.4 36.1 54.1#

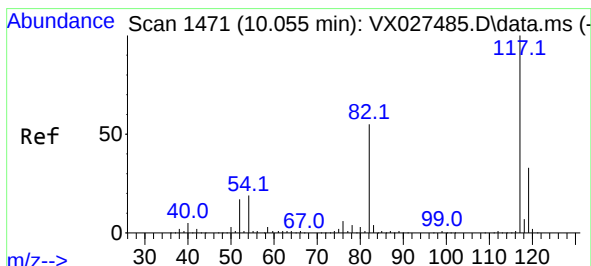
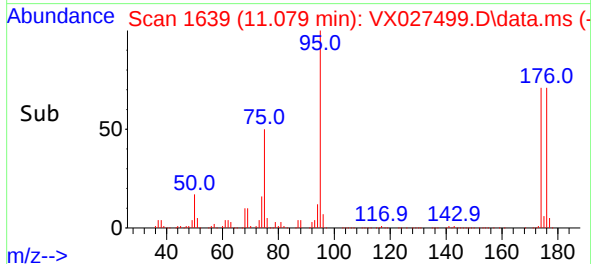
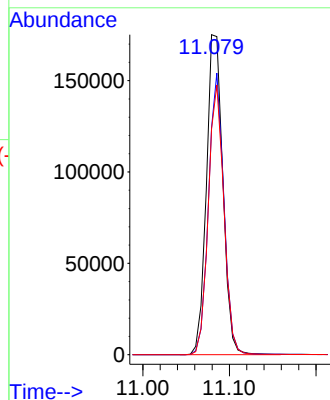
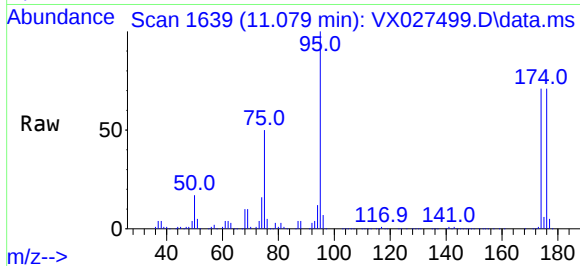




#62
4-Bromofluorobenzene
Concen: 47.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

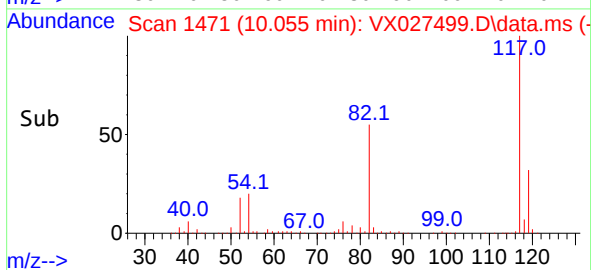
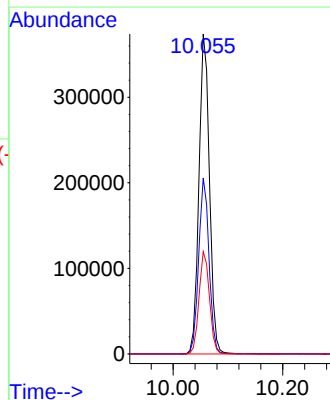
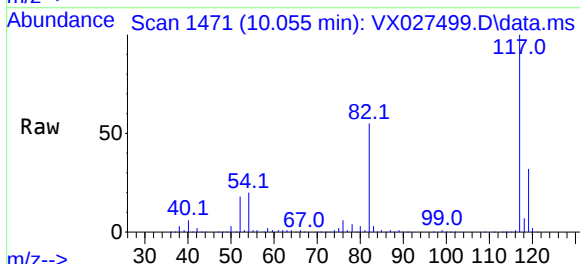
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

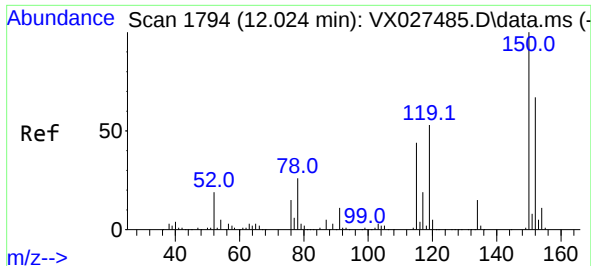
Tgt Ion: 95 Resp: 231168
Ion Ratio Lower Upper
95 100
174 81.7 0.0 163.0
176 79.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Tgt Ion: 117 Resp: 500281
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.0 24.8 37.2

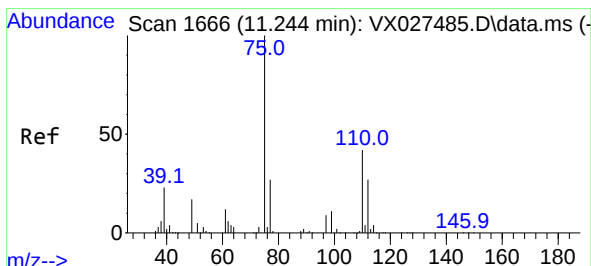
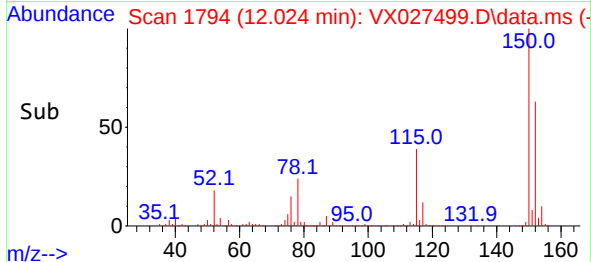
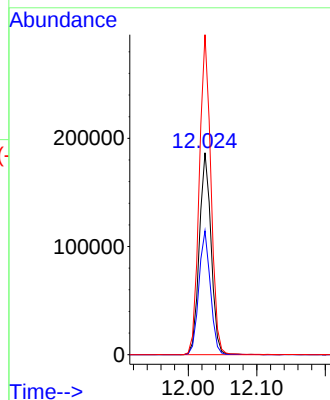
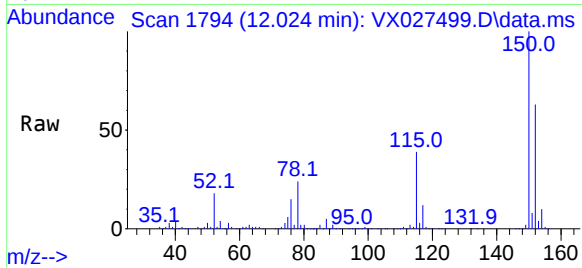




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

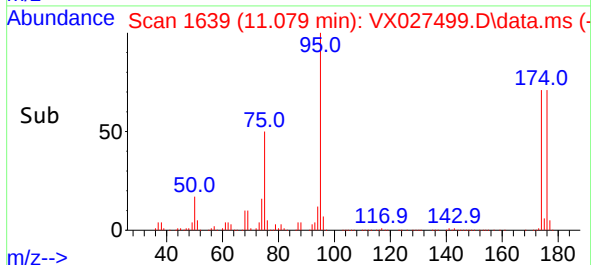
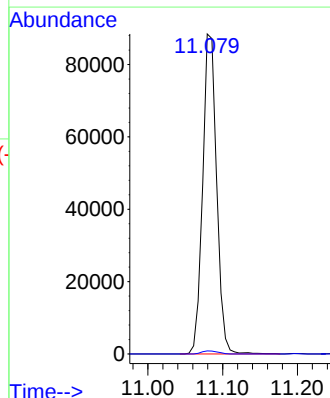
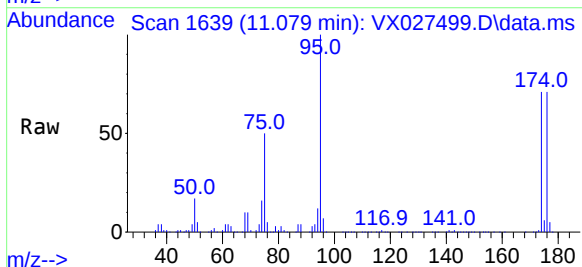
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

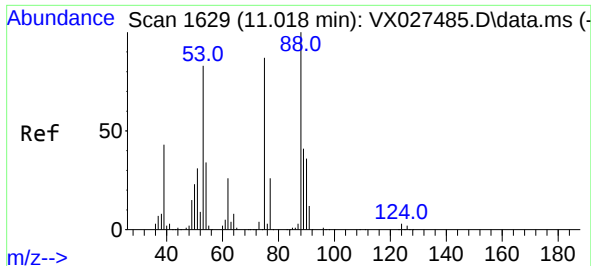
Tgt Ion:152 Resp: 222826
Ion Ratio Lower Upper
152 100
115 60.4 37.5 112.7
150 156.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Tgt Ion: 75 Resp: 114963
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.912 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027499.D
Acq: 17 Mar 2022 20:09

Instrument :
MSVOA_X
ClientSampleId :
MW-104D

Tgt Ion: 75 Resp: 114963
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

