

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027665.D
 Acq On : 23 Mar 2022 14:16
 Operator : JC/MD
 Sample : N2028-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 04:35:40 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

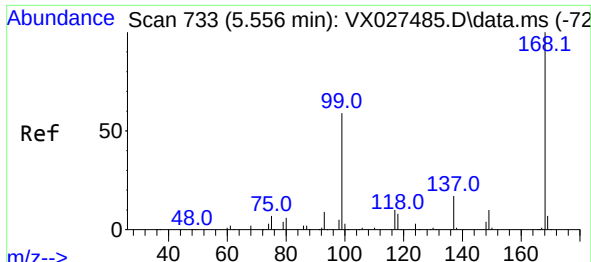
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	333939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	536773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196798	47.839	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.680%		
35) Dibromofluoromethane	5.391	113	175325	50.767	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.540%		
50) Toluene-d8	8.653	98	629869	48.198	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.400%		
62) 4-Bromofluorobenzene	11.079	95	230266	47.938	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.880%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	808	Below Cal		89
10) Methyl Iodide	2.453	142	1079	0.252 ug/l #		93
11) Tert butyl alcohol	2.947	59	5157	6.578 ug/l #		72
14) Allyl chloride	2.532	41	2215	0.456 ug/l #		58
16) Acetone	2.380	43	3580	2.135 ug/l		95
19) Methyl tert-butyl Ether	3.117	73	7162	0.685 ug/l		94
31) Cyclohexane	5.550	56	6007	1.176 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	23190	4.914 ug/l #		50
38) Carbon Tetrachloride	5.556	117	33295	6.167 ug/l #		16
67) Ethyl Benzene	10.195	91	6277	0.352 ug/l #		87
68) m/p-Xylenes	10.305	106	2520	0.359 ug/l		96
76) 1,2,3-Trichloropropane	11.079	75	107999	23.435 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	107999	71.171 ug/l #		15
84) 1,2,4-Trimethylbenzene	11.756	105	3393	0.252 ug/l		99

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

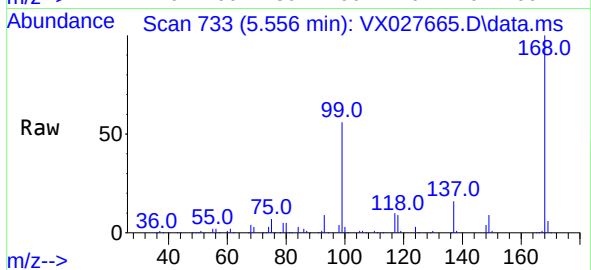
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



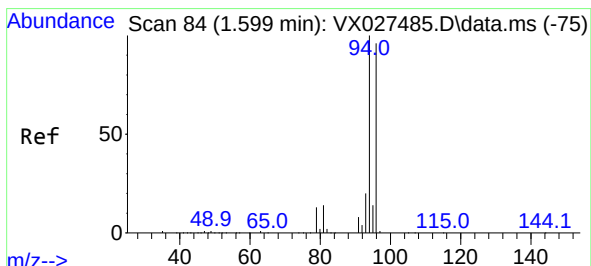
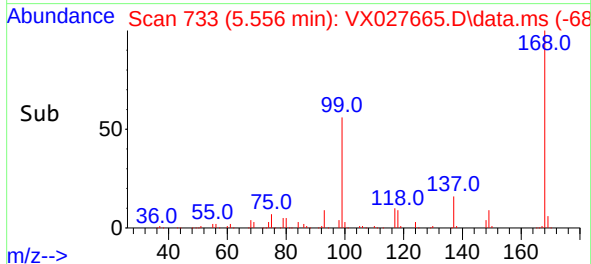
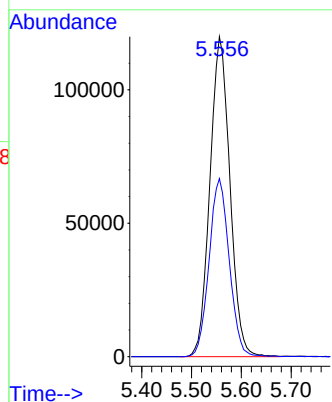


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :

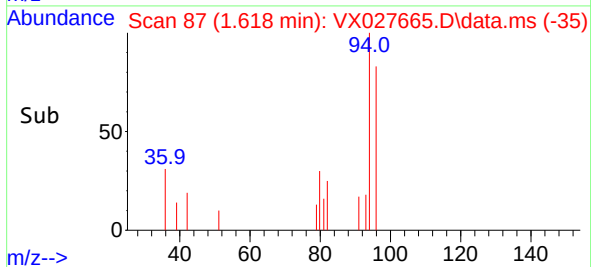
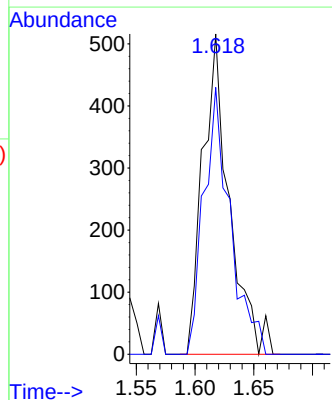
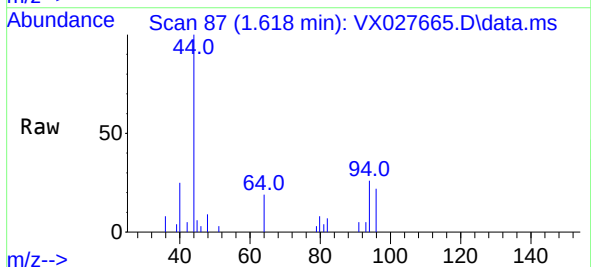


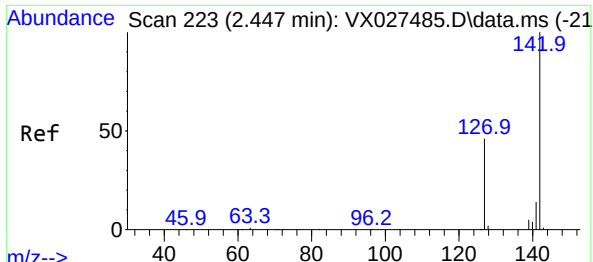
Tgt Ion:168 Resp: 333939
Ion Ratio Lower Upper
168 100
99 55.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

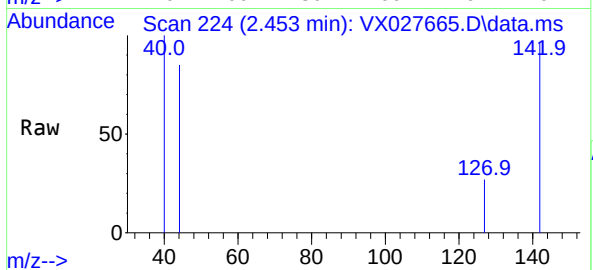
Tgt Ion: 94 Resp: 808
Ion Ratio Lower Upper
94 100
96 83.3 75.3 112.9



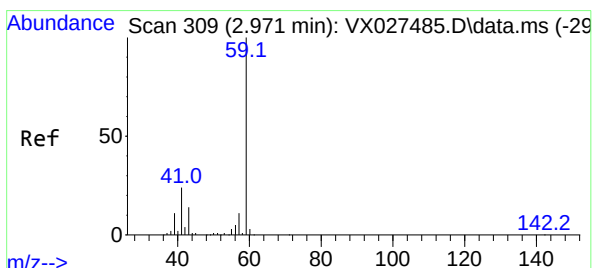
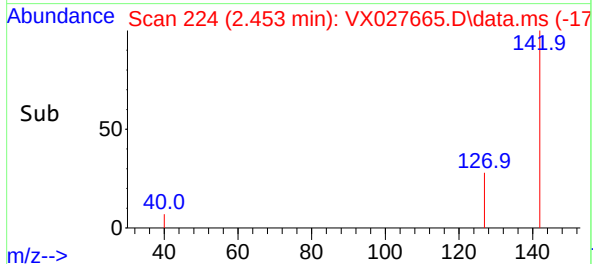
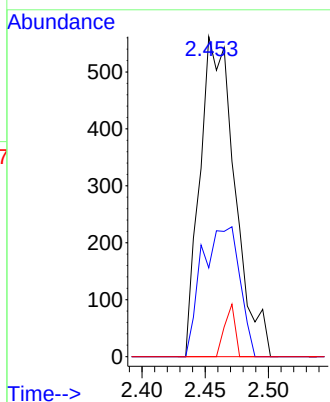


#10
Methyl Iodide
Concen: 0.252 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :

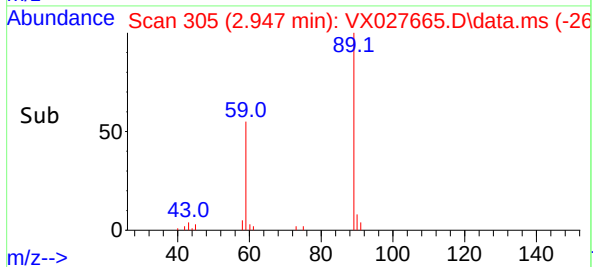
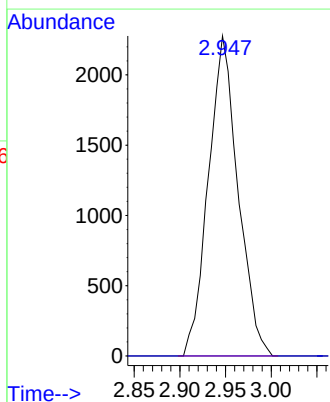
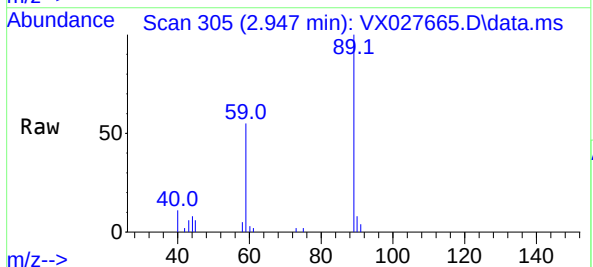


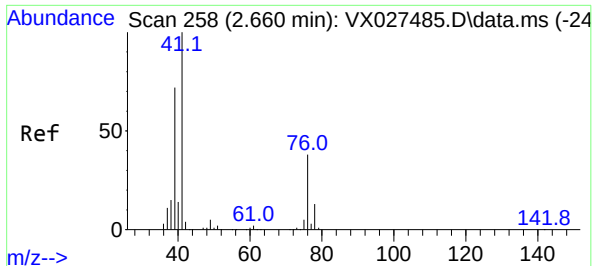
Tgt Ion:142 Resp: 1079
Ion Ratio Lower Upper
142 100
127 43.7 33.9 50.9
141 4.9 11.4 17.2#



#11
Tert butyl alcohol
Concen: 6.578 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

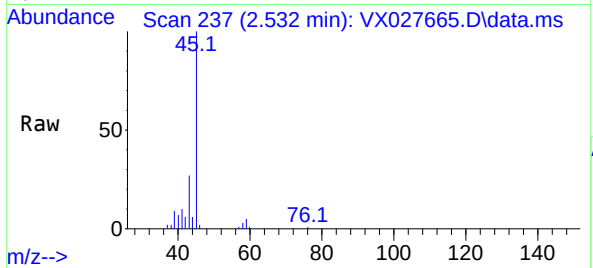
Tgt Ion: 59 Resp: 5157
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



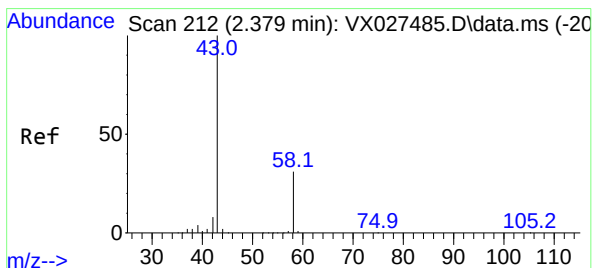
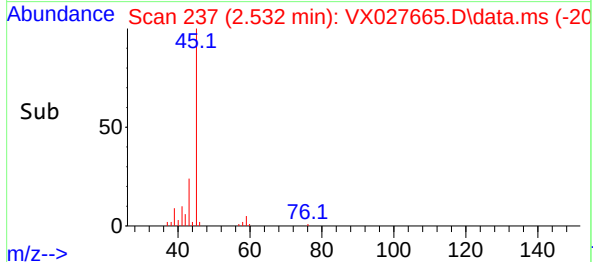
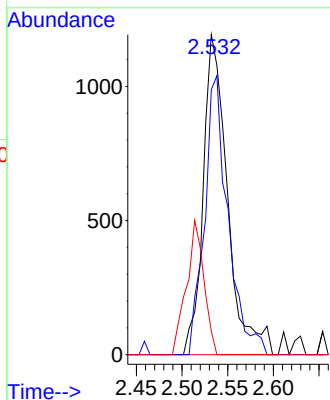


#14
 Allyl chloride
 Concen: 0.456 ug/l
 RT: 2.532 min Scan# 211
 Delta R.T. -0.128 min
 Lab File: VX027665.D
 Acq: 23 Mar 2022 14:16

Instrument :
 MSVOA_X
 ClientSampleId :

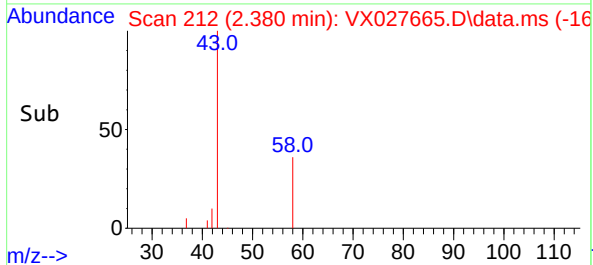
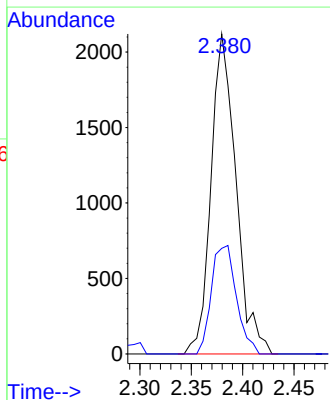
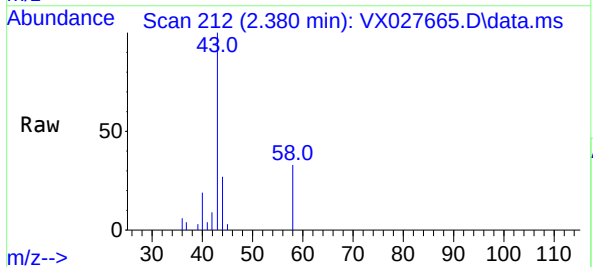


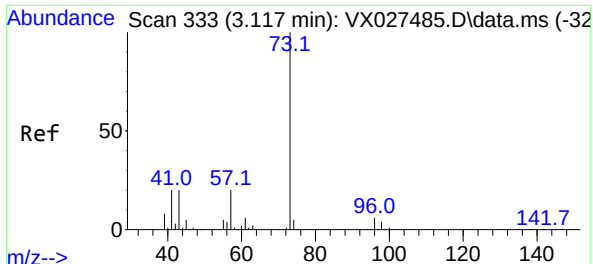
Tgt Ion: 41 Resp: 2215
 Ion Ratio Lower Upper
 41 100
 39 83.8 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 2.135 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VX027665.D
 Acq: 23 Mar 2022 14:16

Tgt Ion: 43 Resp: 3580
 Ion Ratio Lower Upper
 43 100
 58 33.0 28.8 43.2

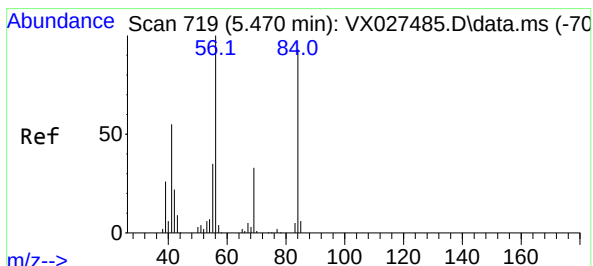
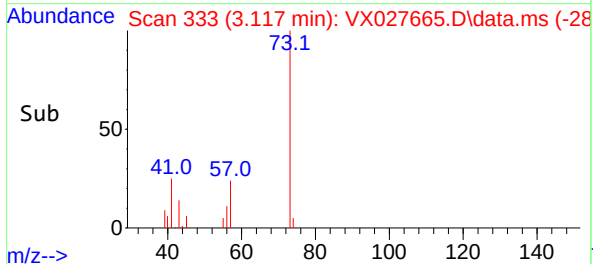
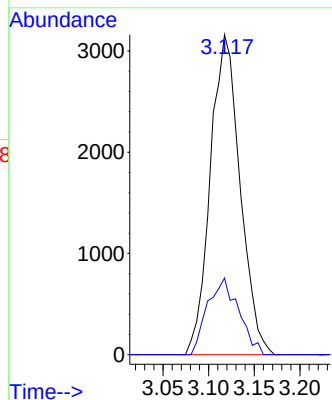
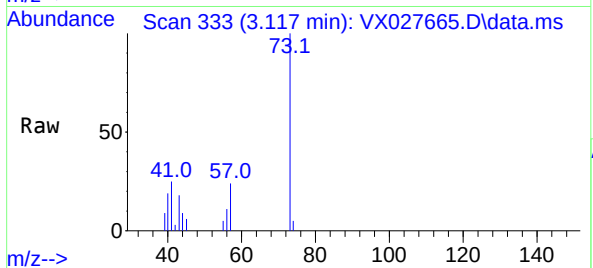




#19
Methyl tert-butyl Ether
Concen: 0.685 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

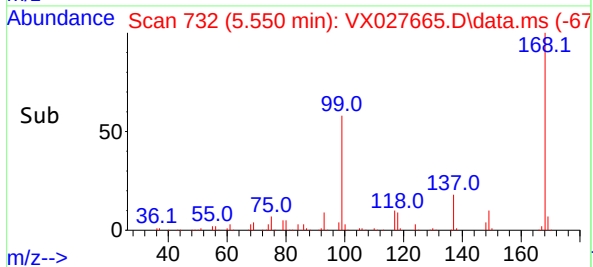
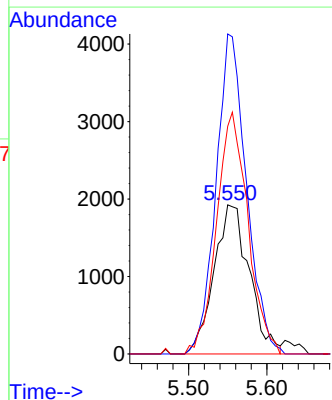
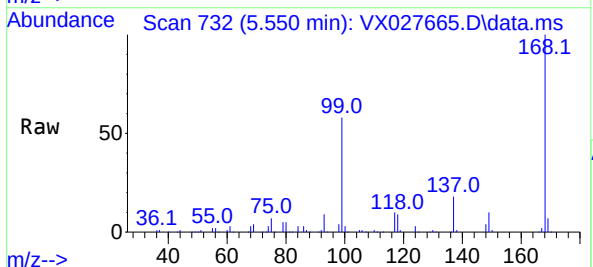
Instrument :
MSVOA_X
ClientSampleId :

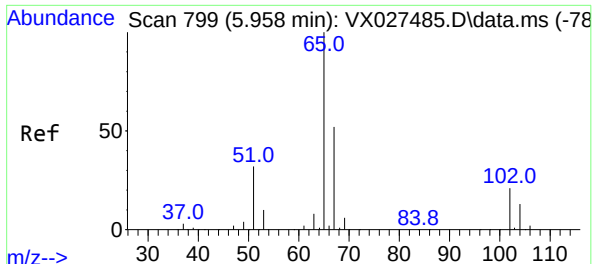
Tgt Ion: 73 Resp: 7162
Ion Ratio Lower Upper
73 100
57 23.9 16.8 25.2



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Tgt Ion: 56 Resp: 6007
Ion Ratio Lower Upper
56 100
69 214.5 26.7 40.1#
84 152.6 77.2 115.8#

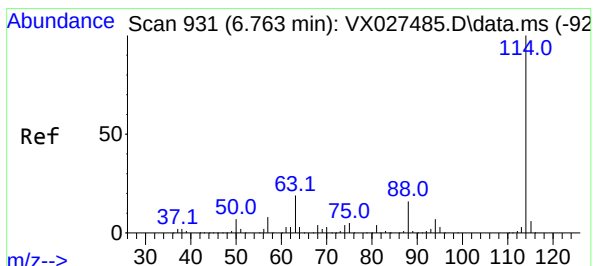
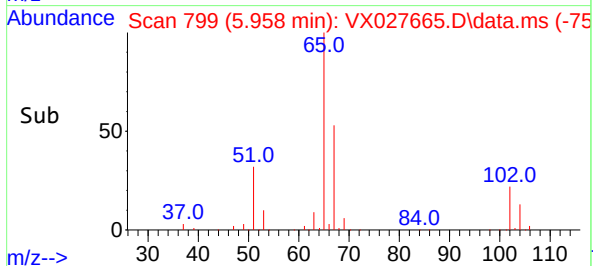
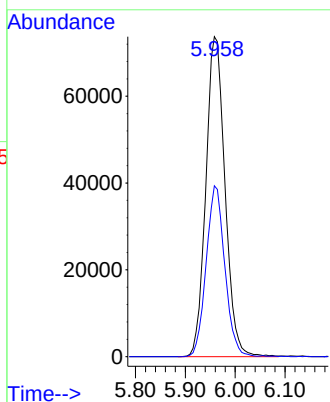
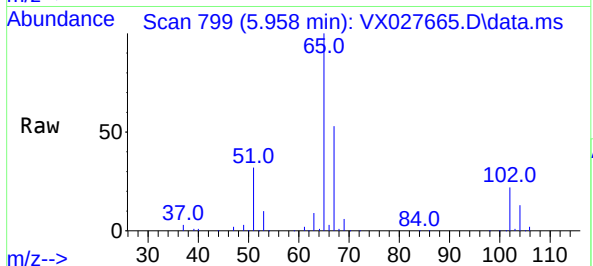




#33
1,2-Dichloroethane-d4
Concen: 47.839 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

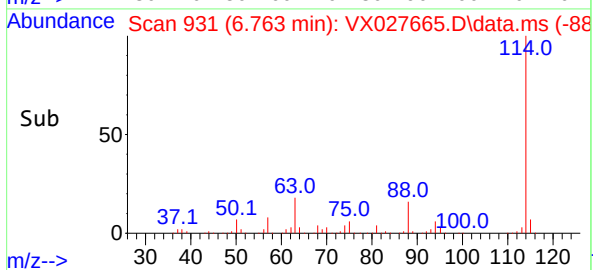
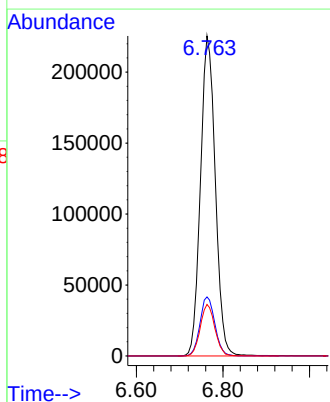
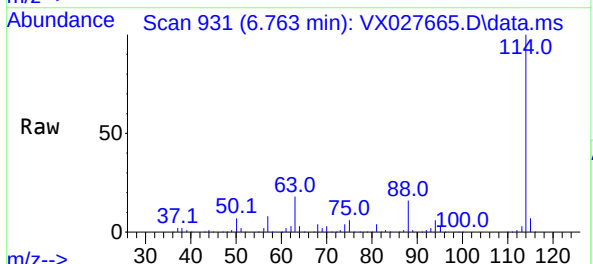
Instrument :
MSVOA_X
ClientSampleId :

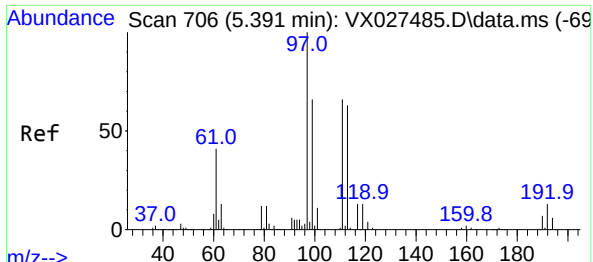
Tgt Ion: 65 Resp: 196798
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

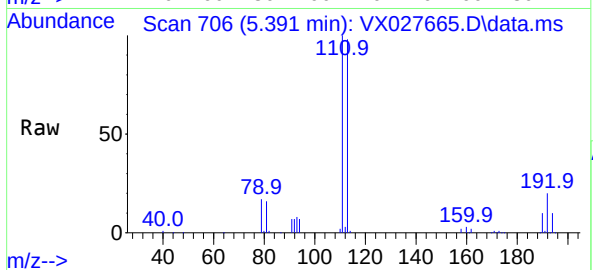
Tgt Ion: 114 Resp: 536773
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.8
88 16.1 0.0 32.4



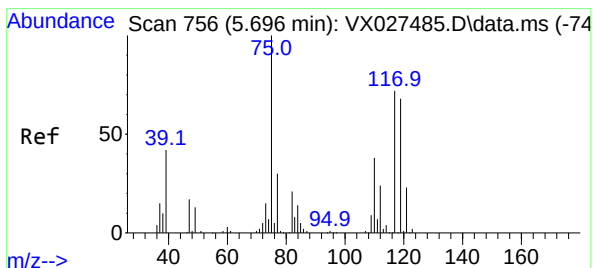
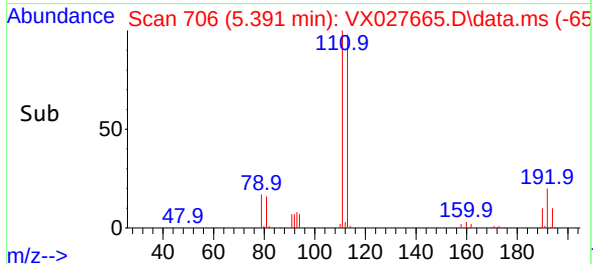
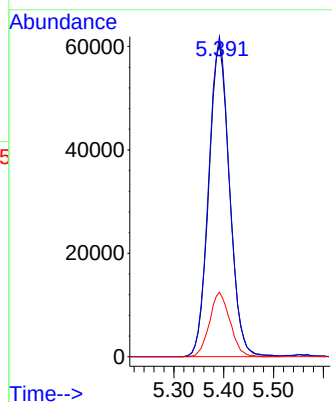


#35
Dibromofluoromethane
Concen: 50.767 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :

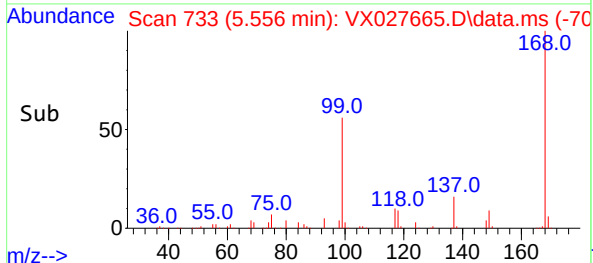
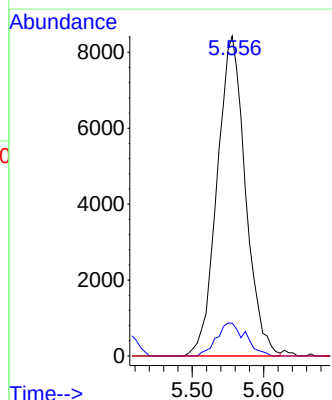
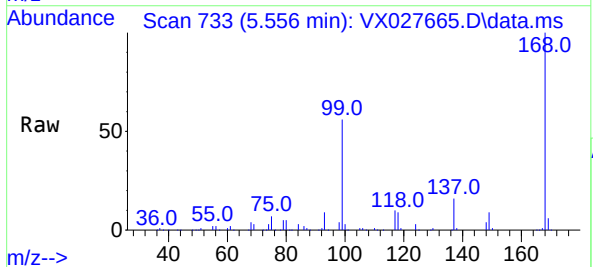


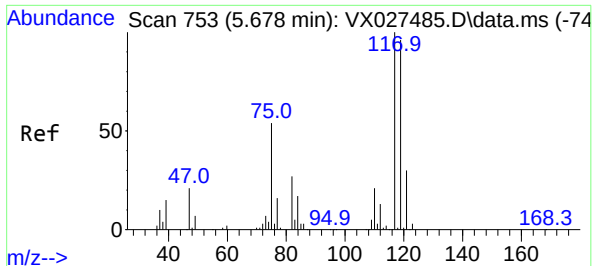
Tgt Ion:113 Resp: 175325
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.914 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

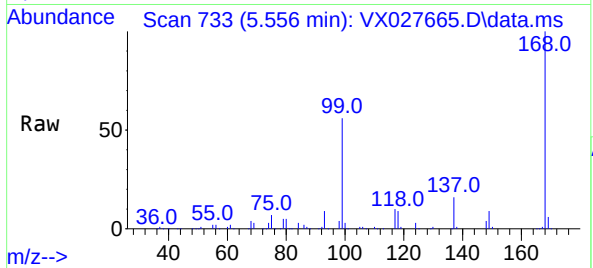
Tgt Ion: 75 Resp: 23190
Ion Ratio Lower Upper
75 100
110 10.6 18.3 54.8#
77 0.0 24.8 37.2#



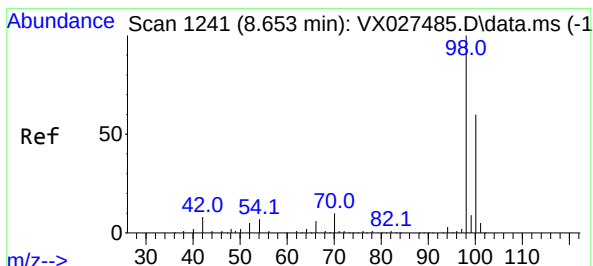
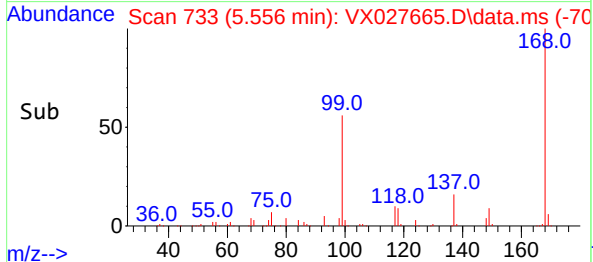
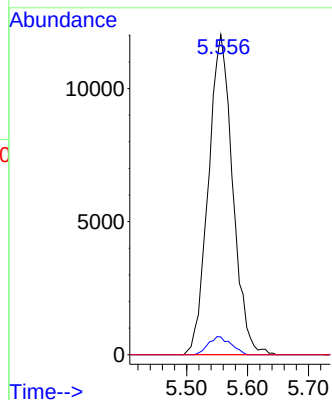


#38
Carbon Tetrachloride
Concen: 6.167 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :

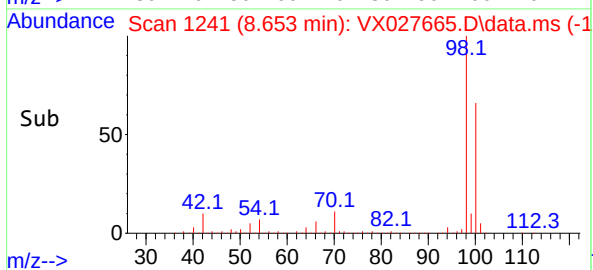
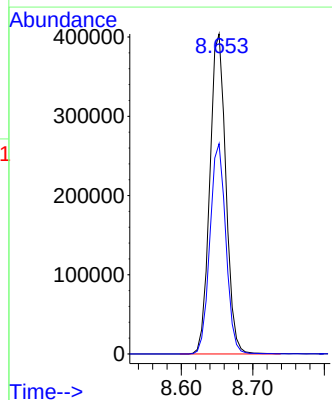
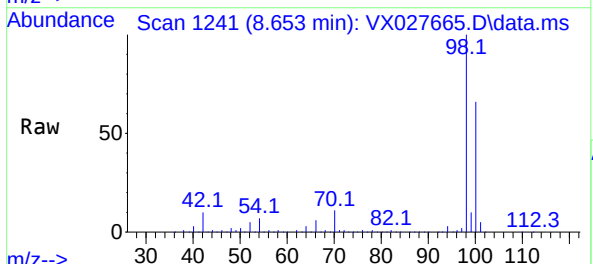


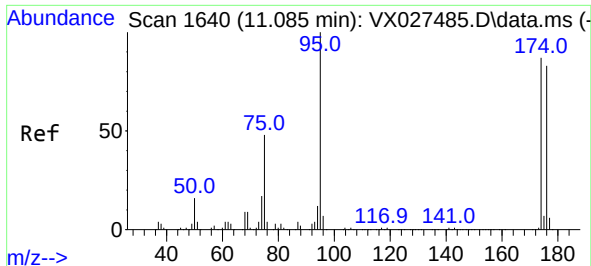
Tgt Ion:117 Resp: 33295
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.198 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Tgt Ion: 98 Resp: 629869
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

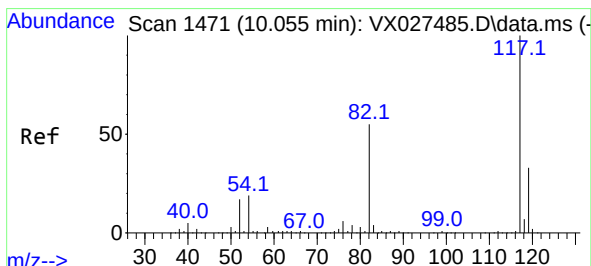
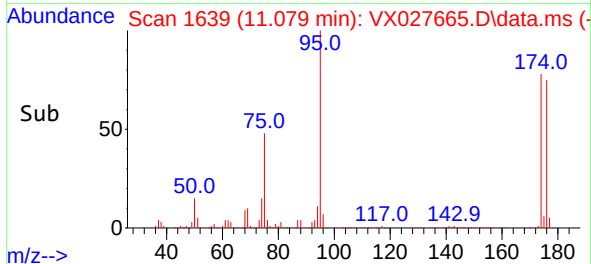
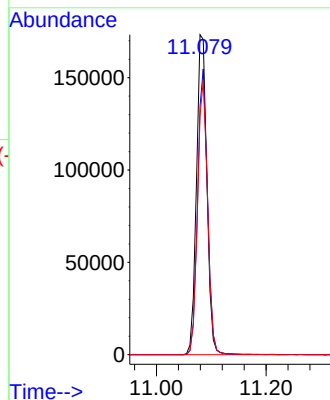
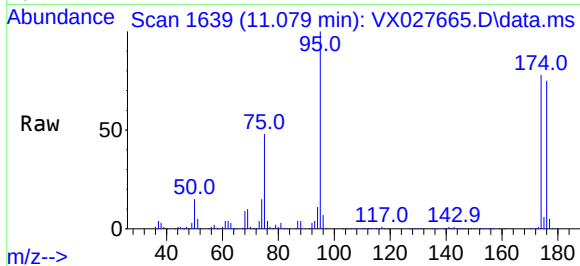




#62
4-Bromofluorobenzene
Concen: 47.938 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

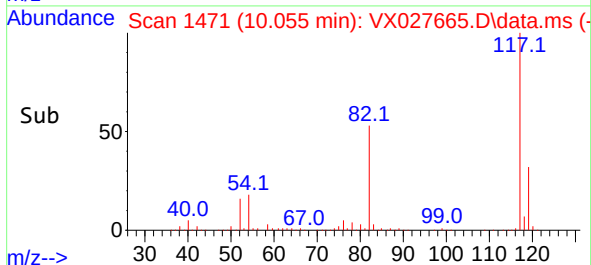
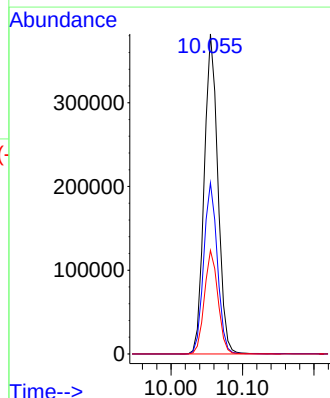
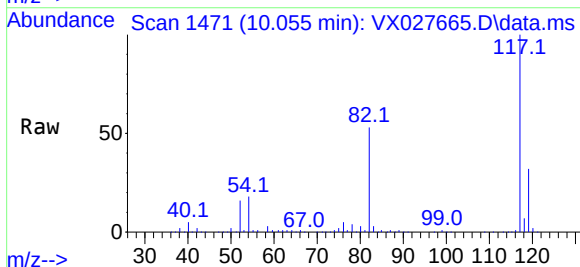
Instrument :
MSVOA_X
ClientSampleId :

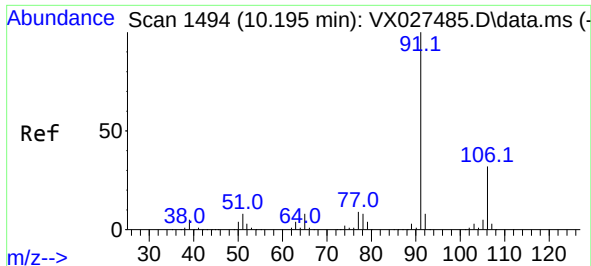
Tgt Ion: 95 Resp: 230266
Ion Ratio Lower Upper
95 100
174 85.3 0.0 163.0
176 82.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Tgt Ion: 117 Resp: 506430
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.8
119 32.3 24.8 37.2





#67

Ethyl Benzene

Concen: 0.352 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027665.D

Acq: 23 Mar 2022 14:16

Instrument :

MSVOA_X

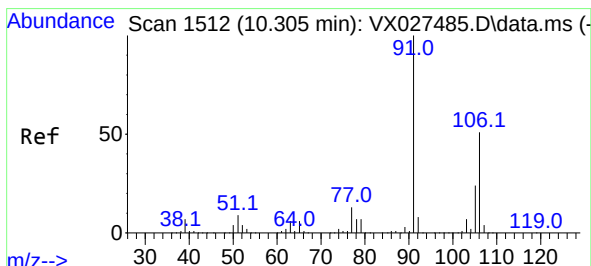
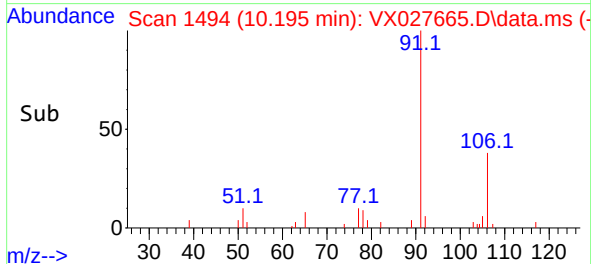
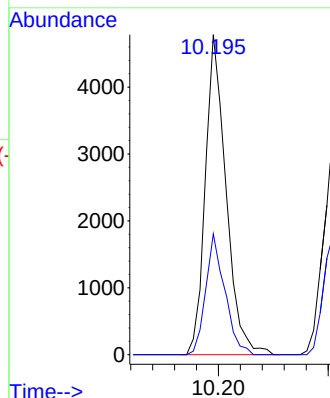
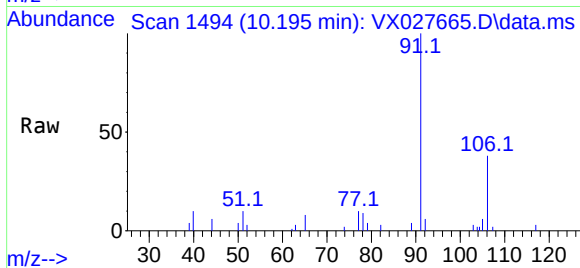
ClientSampleId :

Tgt Ion: 91 Resp: 6277

Ion Ratio Lower Upper

91 100

106 37.8 24.6 36.8#



#68

m/p-Xylenes

Concen: 0.359 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027665.D

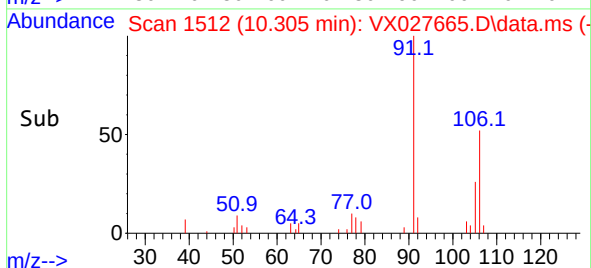
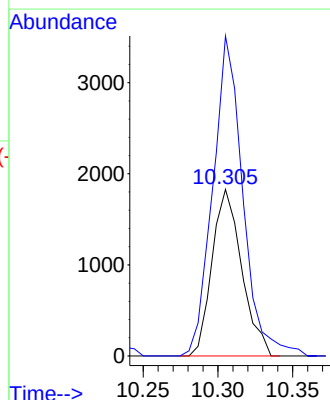
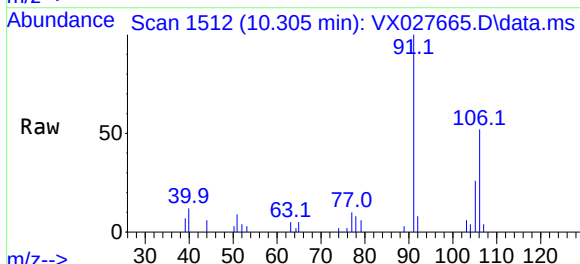
Acq: 23 Mar 2022 14:16

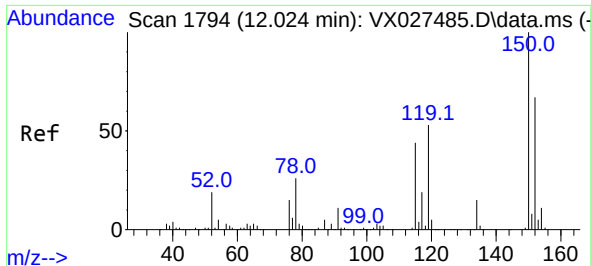
Tgt Ion: 106 Resp: 2520

Ion Ratio Lower Upper

106 100

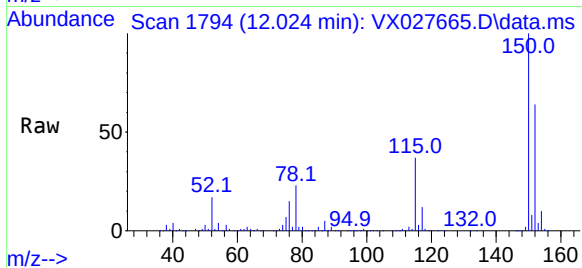
91 194.8 160.4 240.6



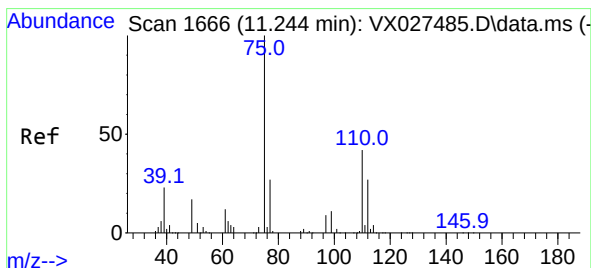
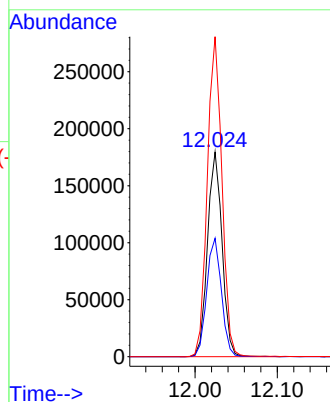
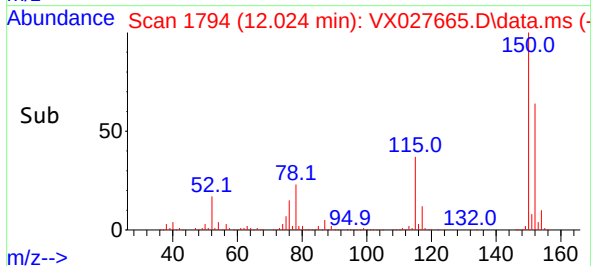


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :

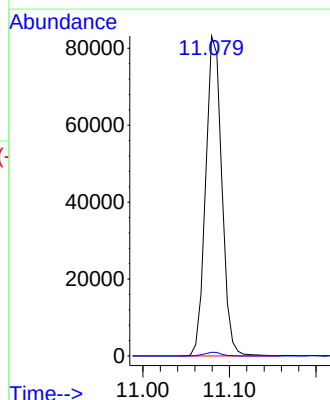
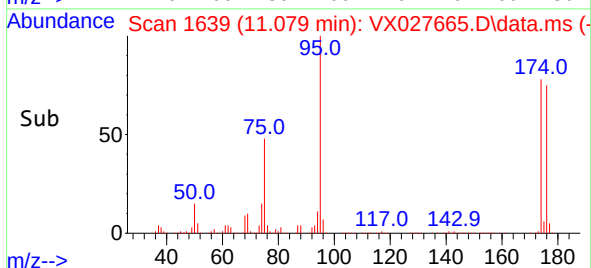
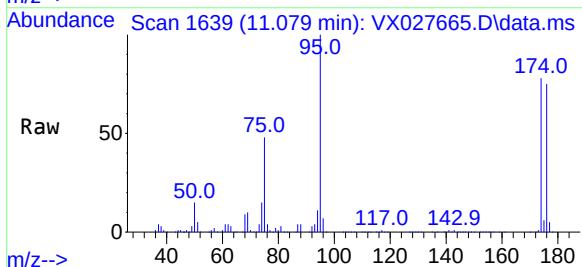


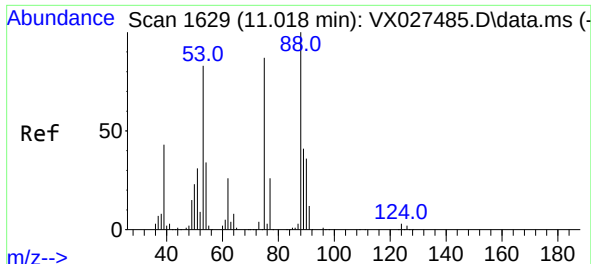
Tgt Ion:152 Resp: 220329
Ion Ratio Lower Upper
152 100
115 58.7 37.5 112.7
150 157.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Tgt Ion: 75 Resp: 107999
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

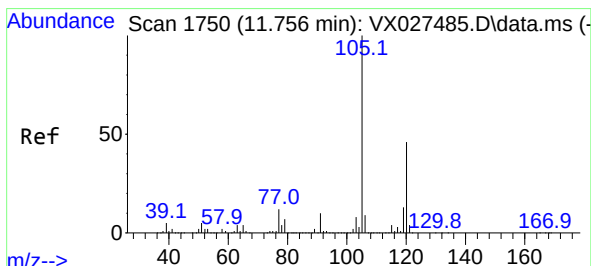
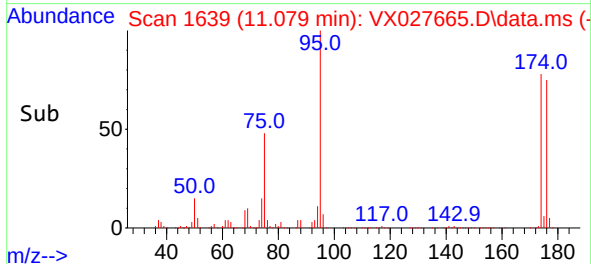
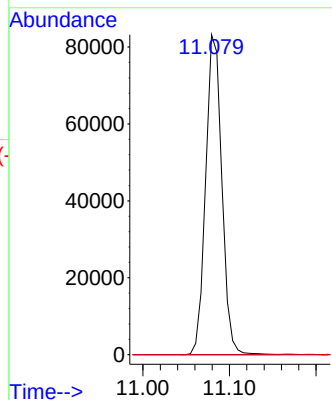
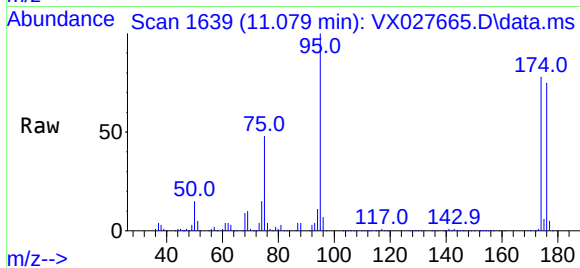




#81
trans-1,4-Dichloro-2-butene
Concen: 71.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 107999
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.252 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027665.D
Acq: 23 Mar 2022 14:16

Tgt Ion: 105 Resp: 3393
Ion Ratio Lower Upper
105 100
120 45.8 22.6 67.8

