

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027341.D
 Acq On : 08 Mar 2022 19:09
 Operator : JC/MD
 Sample : N1793-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11

Quant Time: Mar 09 00:18:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

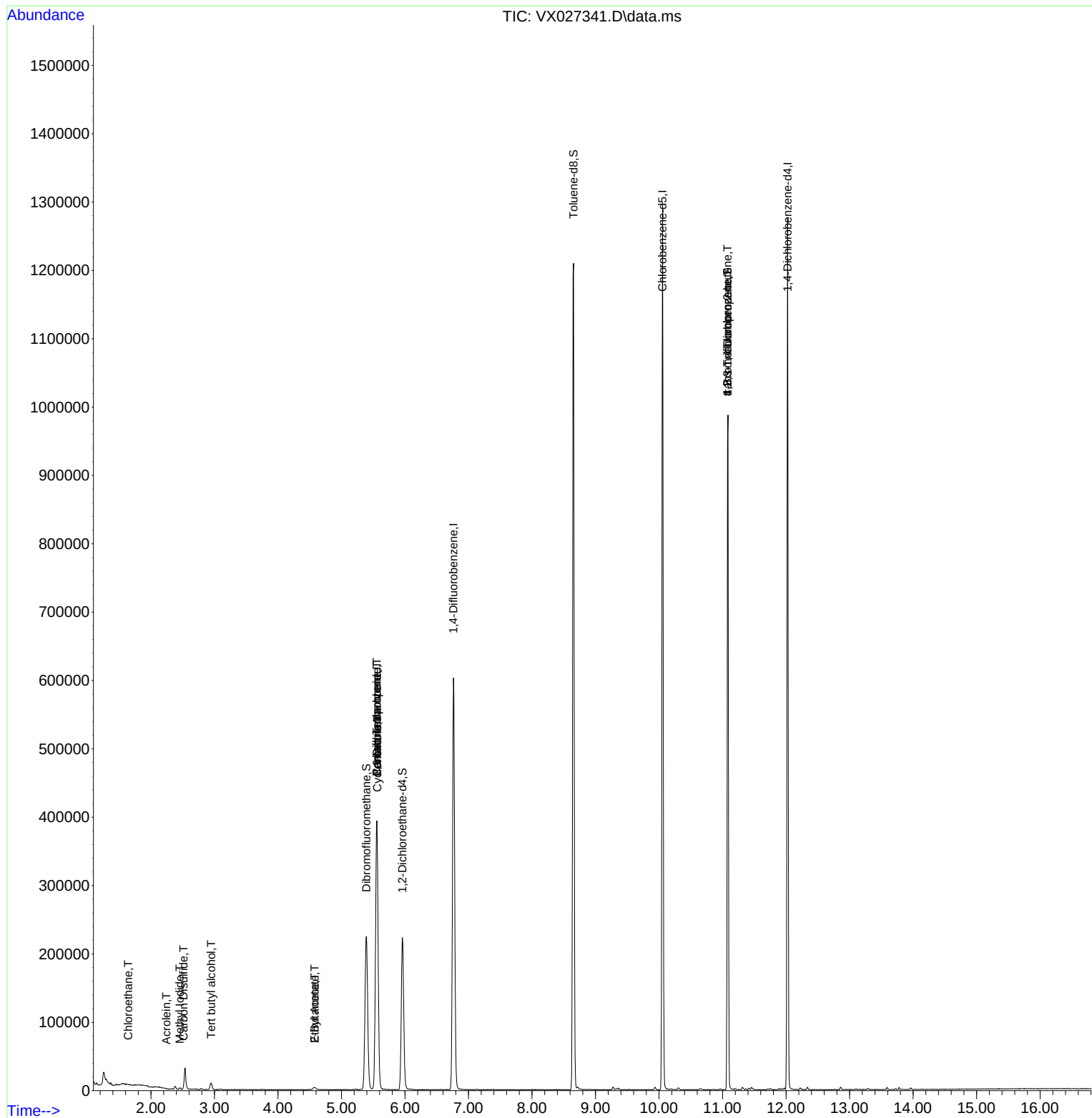
Internal Standards						
1) Pentafluorobenzene	5.556	168	397225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	656125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	609920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214452	46.295	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.600%		
35) Dibromofluoromethane	5.391	113	205714	48.589	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.180%		
50) Toluene-d8	8.653	98	778123	48.683	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.360%		
62) 4-Bromofluorobenzene	11.079	95	281199	46.160	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.320%		
Target Compounds						
5) Bromomethane	1.605	94	444	Below Cal		98
6) Chloroethane	1.642	64	1204	0.873 ug/l #		58
10) Methyl Iodide	2.453	142	2486	0.440 ug/l		98
11) Tert butyl alcohol	2.947	59	5638	6.209 ug/l #		72
13) Acrolein	2.239	56	130	0.204 ug/l #		35
16) Acetone	2.380	43	4372	Below Cal		91
17) Carbon Disulfide	2.514	76	2274	0.217 ug/l		98
25) 2-Butanone	4.574	43	1479	0.464 ug/l		96
31) Cyclohexane	5.562	56	6865	1.060 ug/l #		15
36) 1,1-Dichloropropene	5.556	75	26788	4.557 ug/l #		49
37) Ethyl Acetate	4.574	43	1479	0.239 ug/l #		69
38) Carbon Tetrachloride	5.556	117	38596	6.350 ug/l #		16
76) 1,2,3-Trichloropropane	11.079	75	128213	21.718 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	128213	70.237 ug/l #		15

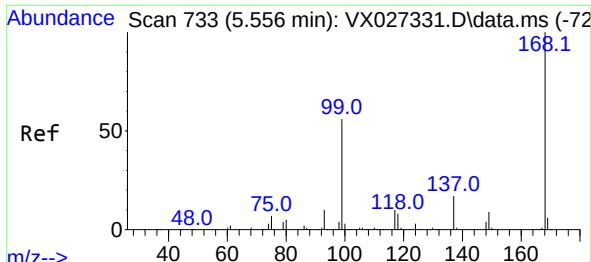
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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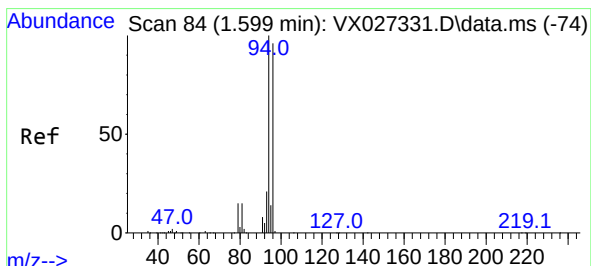
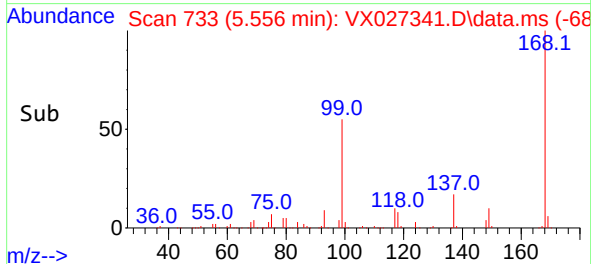
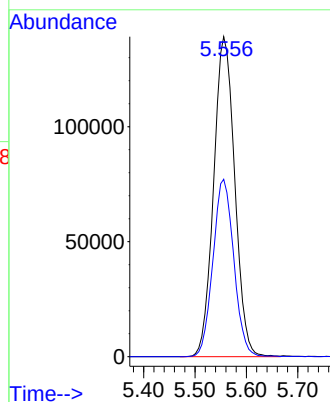
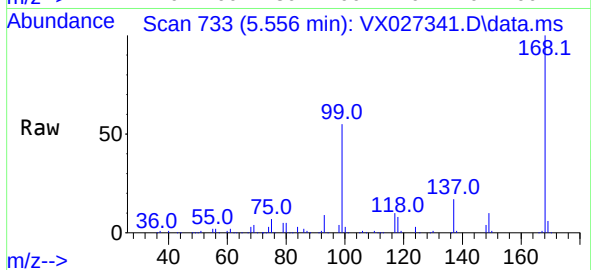




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

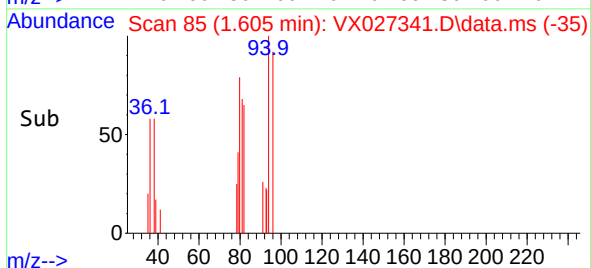
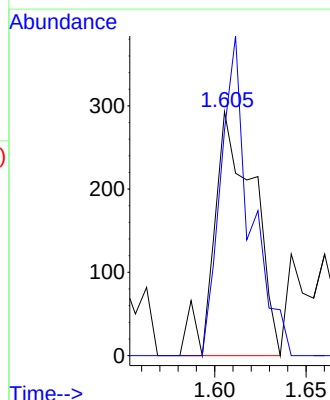
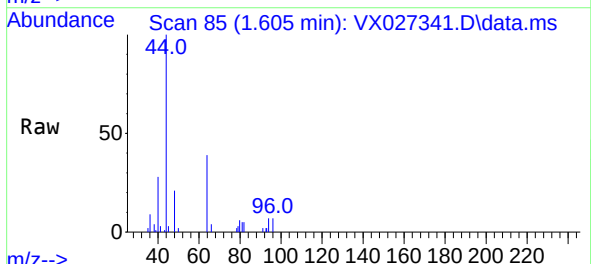
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MSVOA_X
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SB-11

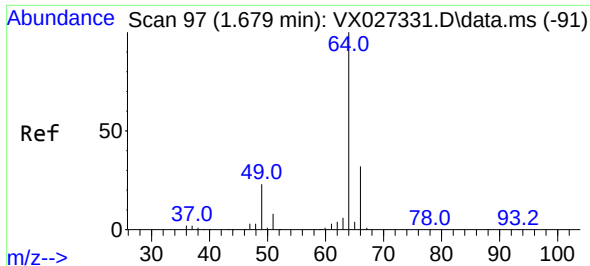
Tgt Ion:168 Resp: 397225
Ion Ratio Lower Upper
168 100
99 55.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

Tgt Ion: 94 Resp: 444
Ion Ratio Lower Upper
94 100
96 92.5 75.3 112.9

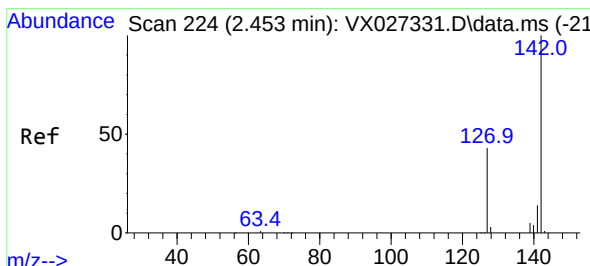
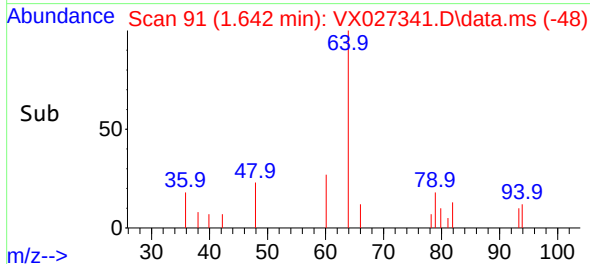
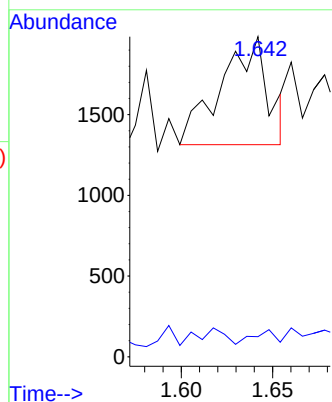
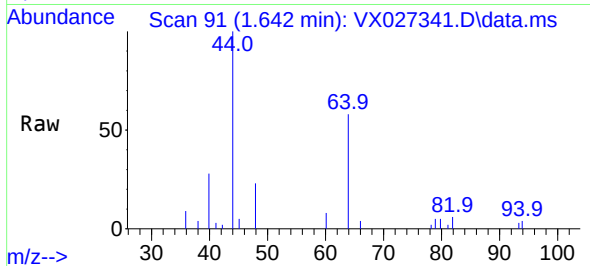




#6
Chloroethane
Concen: 0.873 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

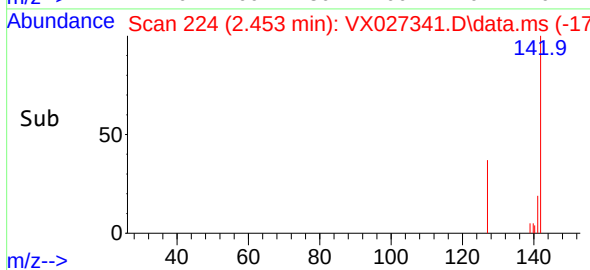
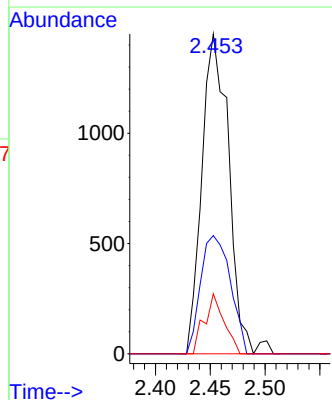
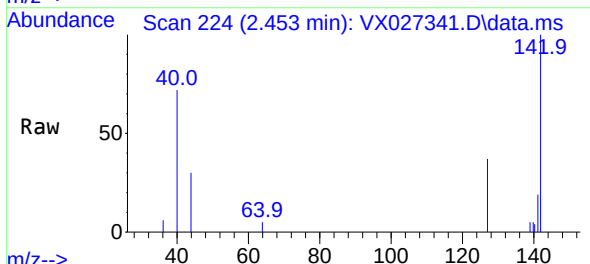
Instrument :
MSVOA_X
ClientSampleId :
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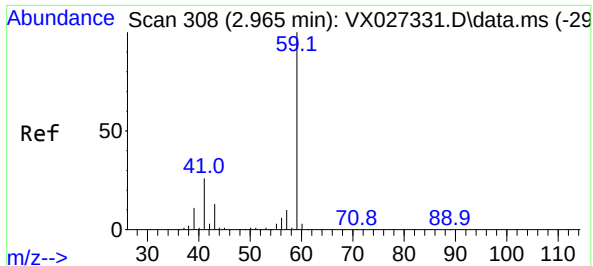
Tgt Ion: 64 Resp: 1204
Ion Ratio Lower Upper
64 100
66 8.1 25.3 37.9#



#10
Methyl Iodide
Concen: 0.440 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

Tgt Ion:142 Resp: 2486
Ion Ratio Lower Upper
142 100
127 40.7 33.9 50.9
141 13.8 11.4 17.2

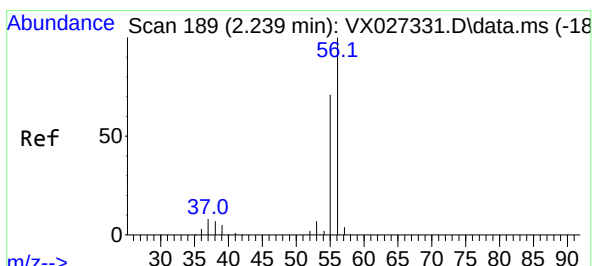
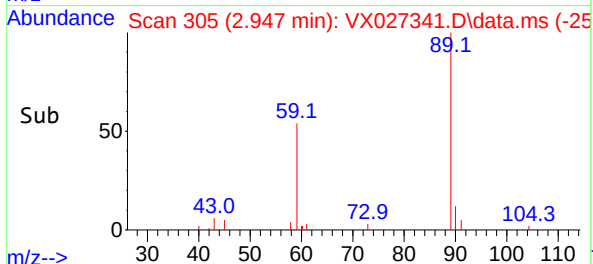
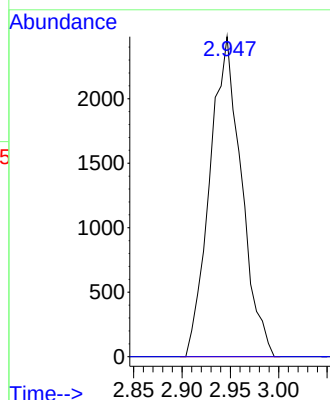
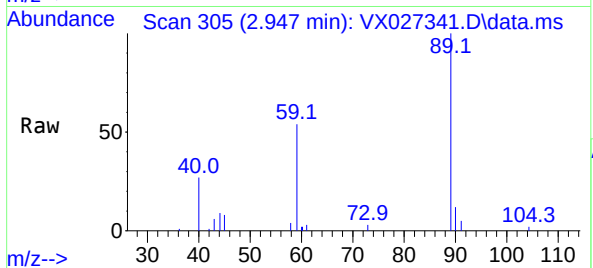




#11
Tert butyl alcohol
Concen: 6.209 ug/l
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

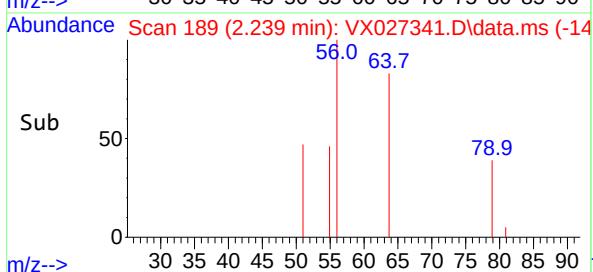
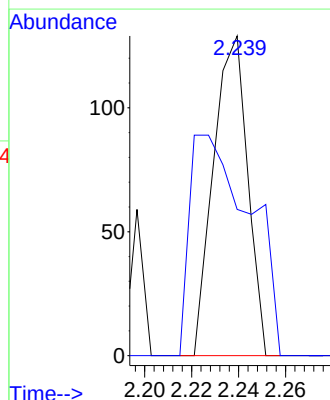
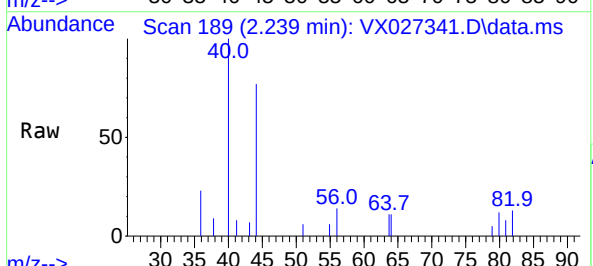
Instrument :
MSVOA_X
ClientSampleId :
SB-11

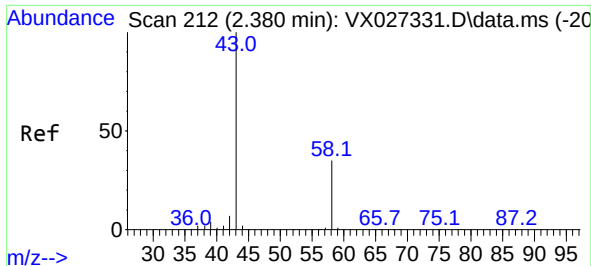
Tgt Ion: 59 Resp: 5638
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.204 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 121.5 55.0 82.6#

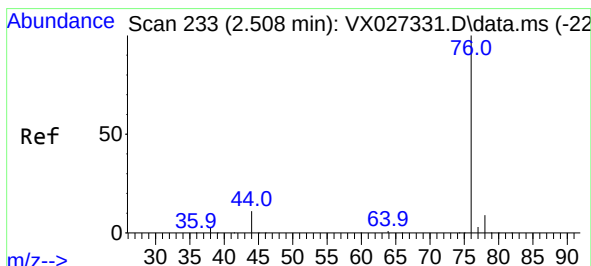
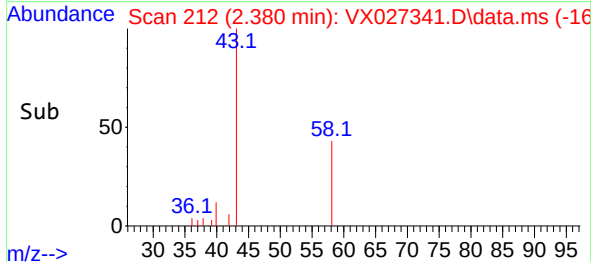
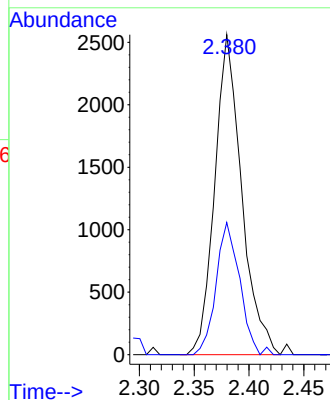
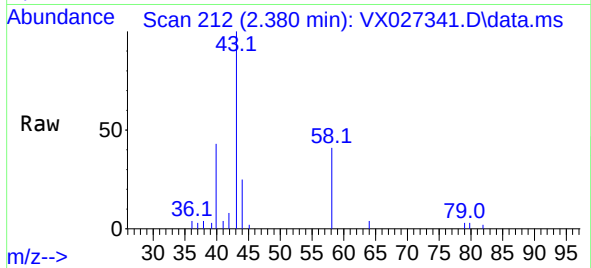




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

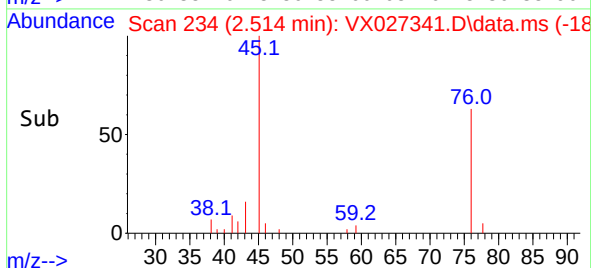
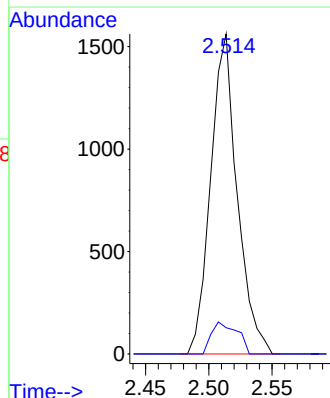
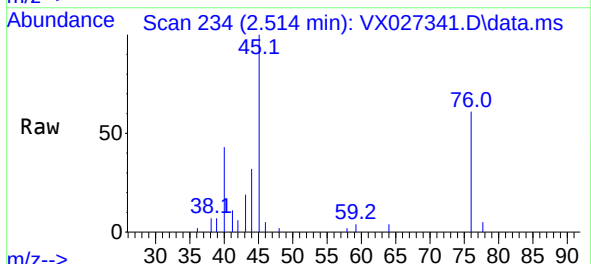
Instrument :
MSVOA_X
ClientSampleId :
SB-11

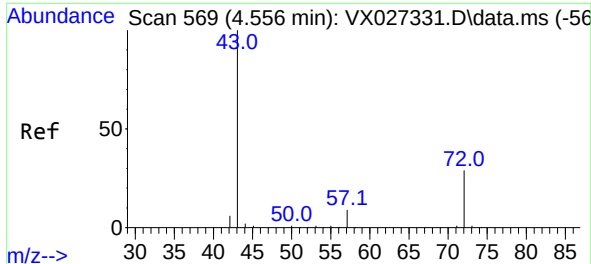
Tgt Ion: 43 Resp: 4372
Ion Ratio Lower Upper
43 100
58 41.3 28.8 43.2



#17
Carbon Disulfide
Concen: 0.217 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

Tgt Ion: 76 Resp: 2274
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8

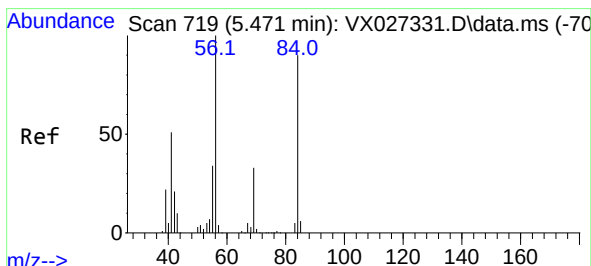
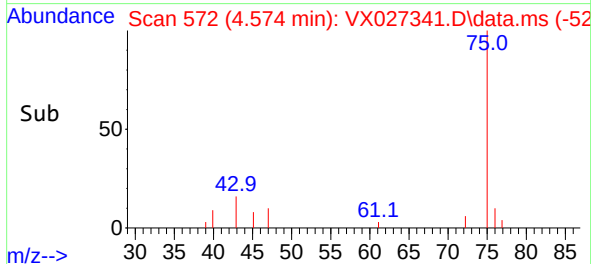
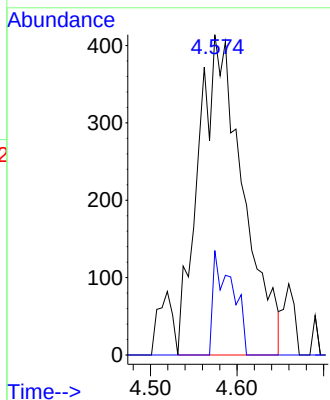
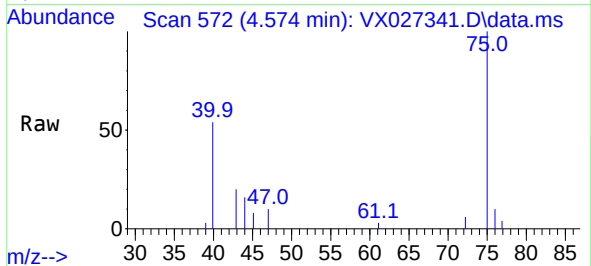




#25
2-Butanone
Concen: 0.464 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

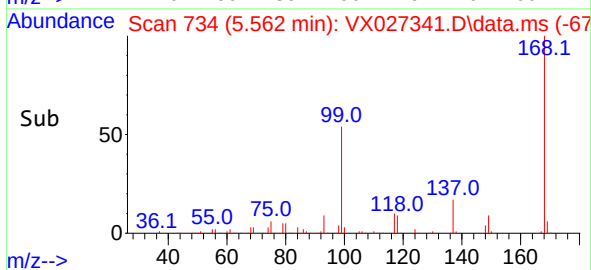
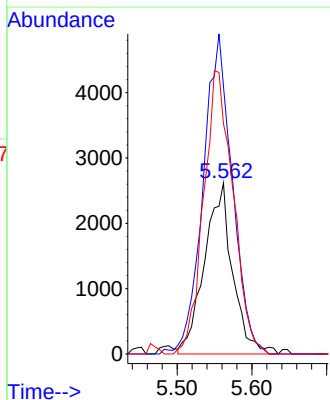
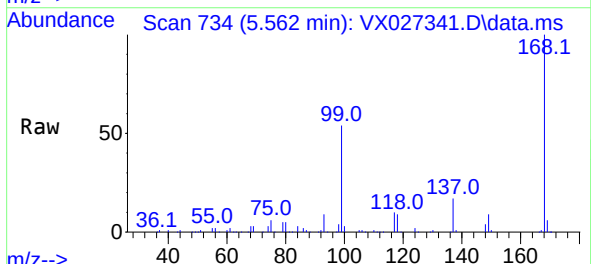
Instrument :
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ClientSampleId :
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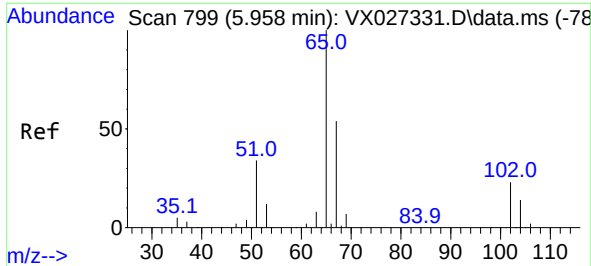
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
72 32.6 24.4 36.6



#31
Cyclohexane
Concen: 1.060 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

Tgt Ion: 56 Resp: 6865
Ion Ratio Lower Upper
56 100
69 156.5 26.7 40.1#
84 134.5 77.2 115.8#

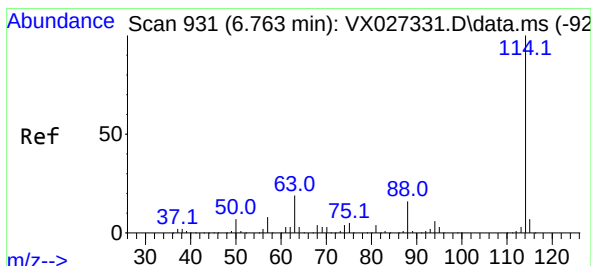
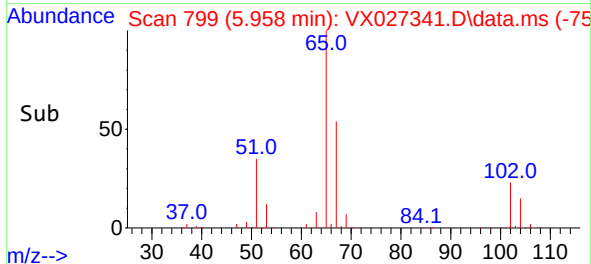
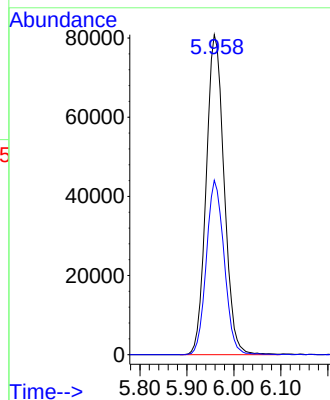
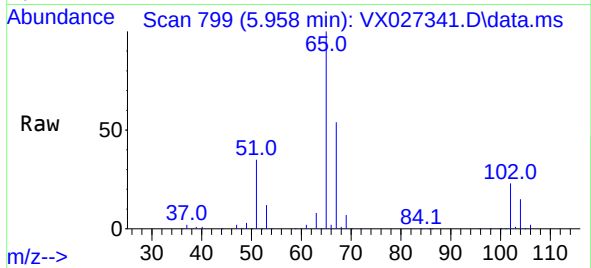




#33
 1,2-Dichloroethane-d4
 Concen: 46.295 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX027341.D
 Acq: 08 Mar 2022 19:09

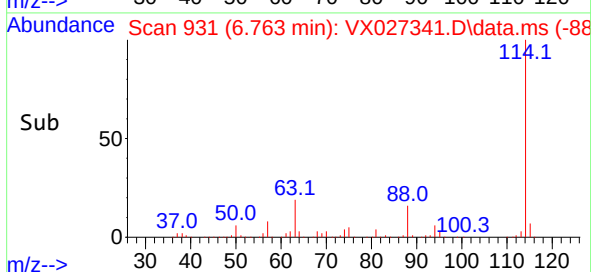
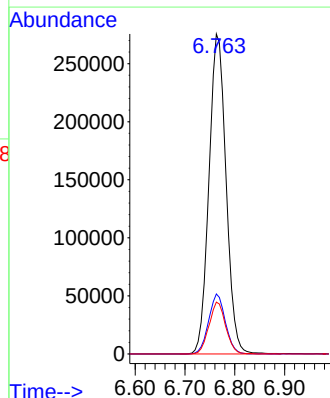
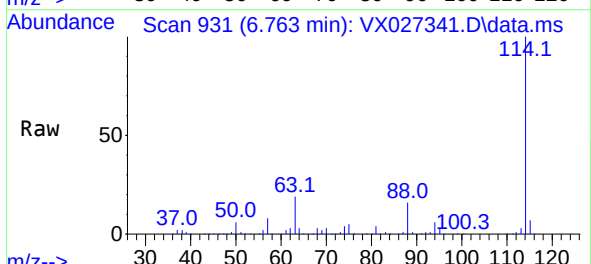
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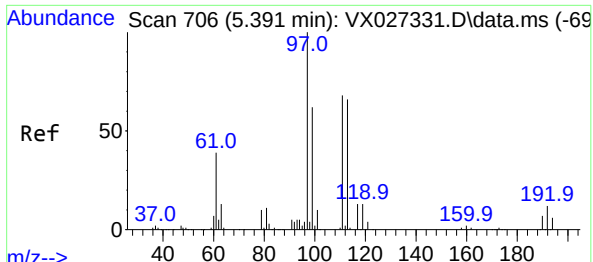
Tgt Ion: 65 Resp: 214452
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX027341.D
 Acq: 08 Mar 2022 19:09

Tgt Ion: 114 Resp: 656125
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.8
 88 16.2 0.0 32.4

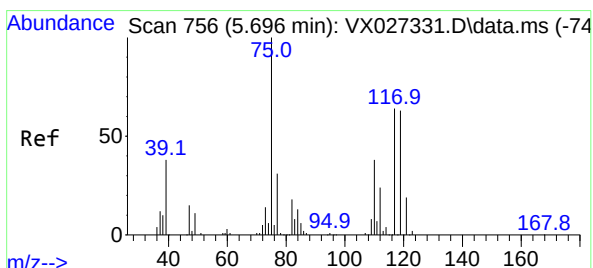
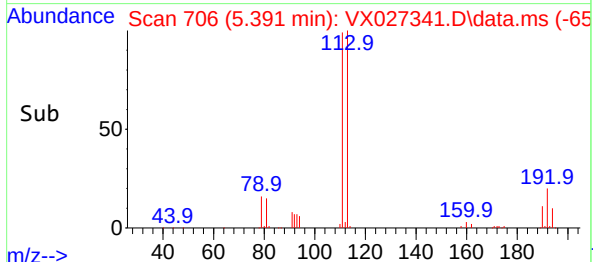
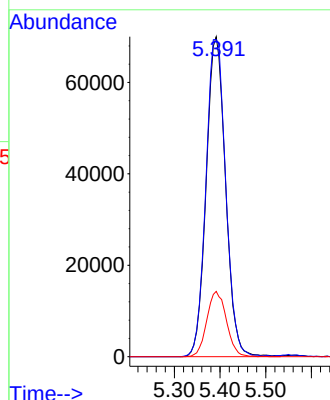
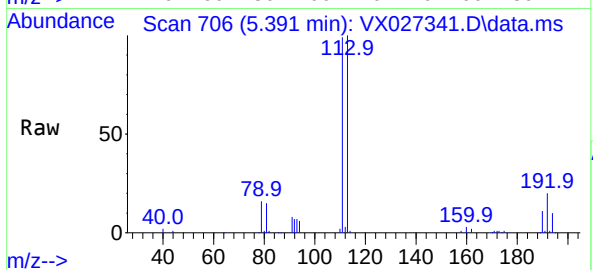




#35
Dibromofluoromethane
Concen: 48.589 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

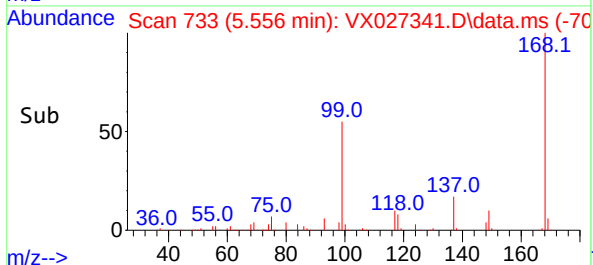
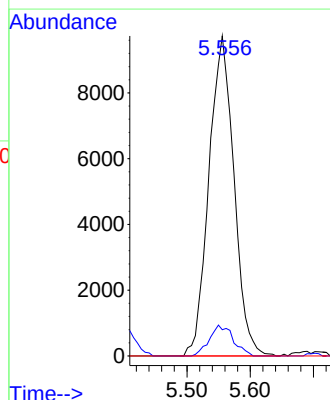
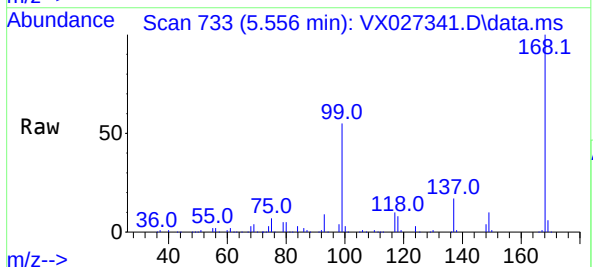
Instrument :
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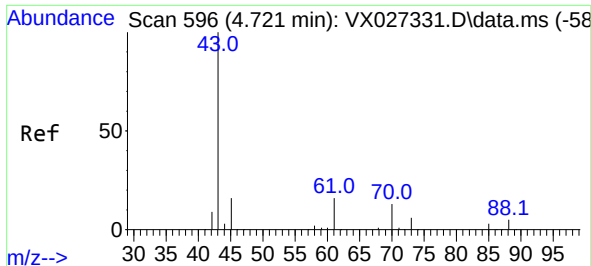
Tgt Ion:113 Resp: 205714
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 20.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

Tgt Ion: 75 Resp: 26788
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.239 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.147 min

Lab File: VX027341.D

Acq: 08 Mar 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

SB-11

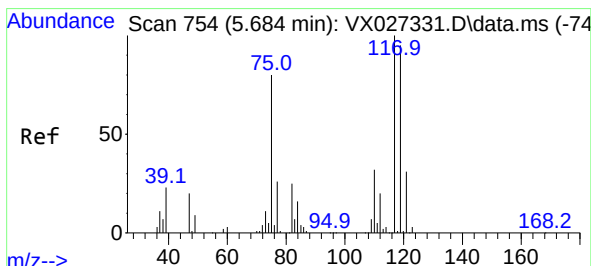
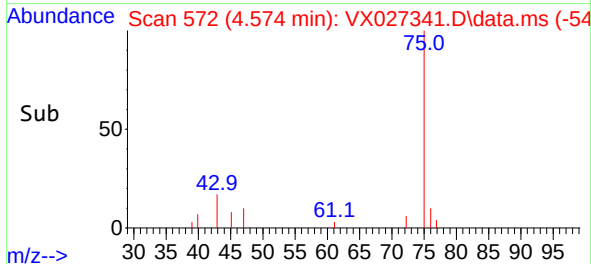
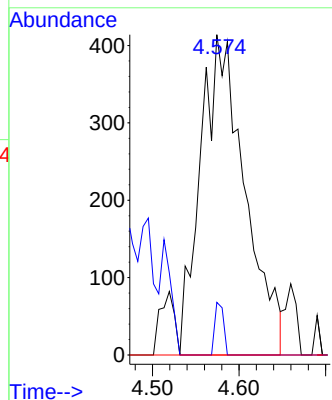
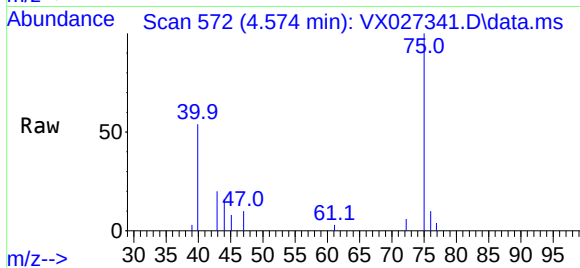
Tgt Ion: 43 Resp: 1479

Ion Ratio Lower Upper

43 100

61 3.2 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 6.350 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027341.D

Acq: 08 Mar 2022 19:09

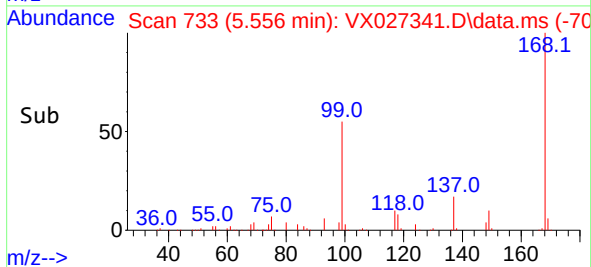
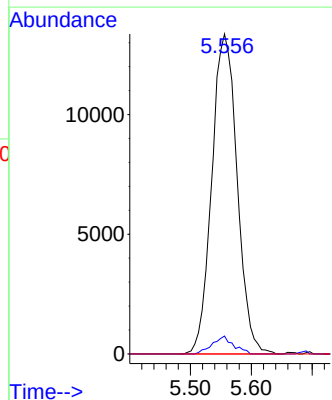
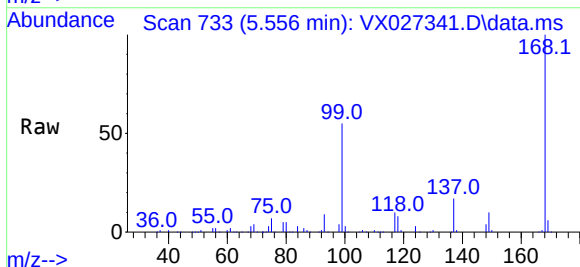
Tgt Ion: 117 Resp: 38596

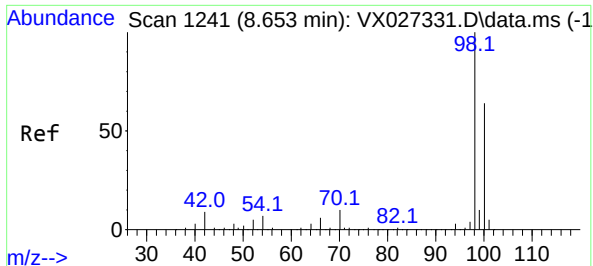
Ion Ratio Lower Upper

117 100

119 5.6 77.3 115.9#

121 0.0 24.2 36.2#

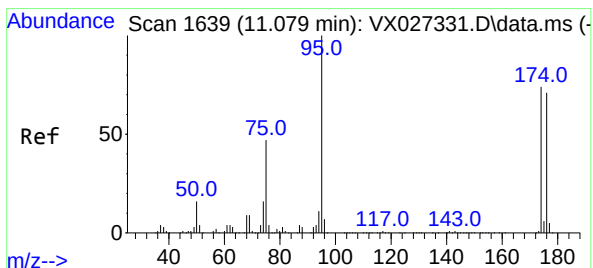
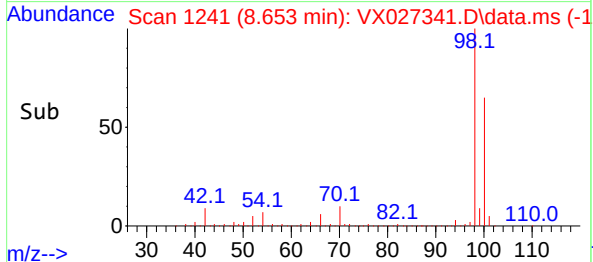
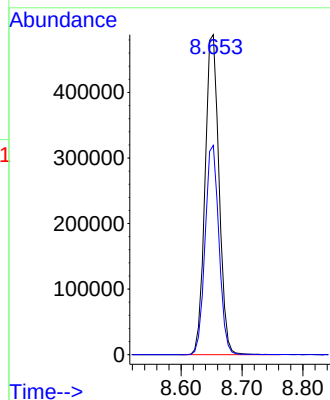
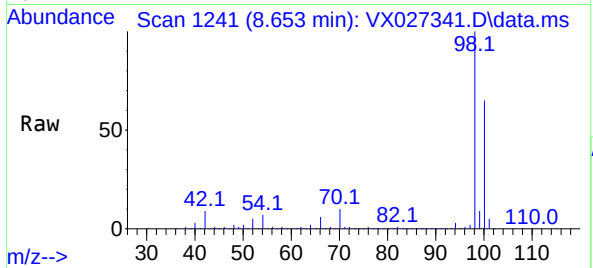




#50
Toluene-d8
Concen: 48.683 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

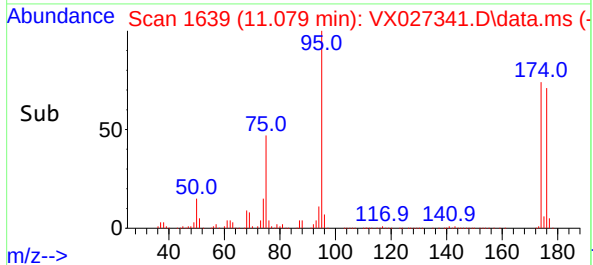
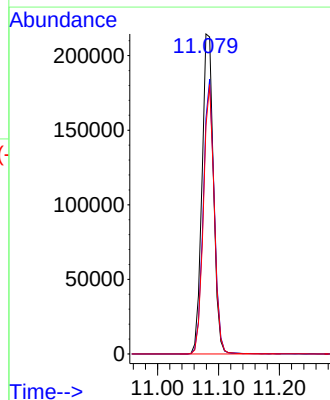
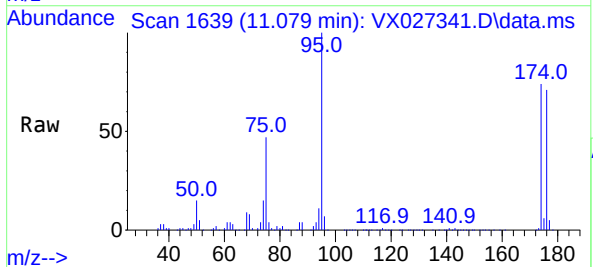
Instrument :
MSVOA_X
ClientSampleId :
SB-11

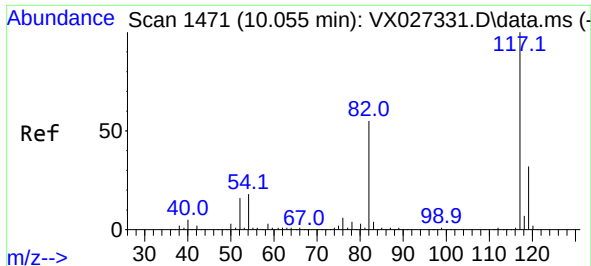
Tgt Ion: 98 Resp: 778123
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

Tgt Ion: 95 Resp: 281199
Ion Ratio Lower Upper
95 100
174 82.0 0.0 163.0
176 79.4 0.0 155.0

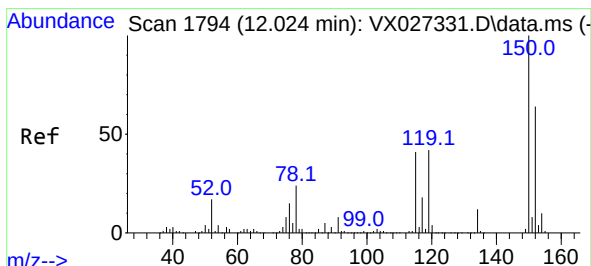
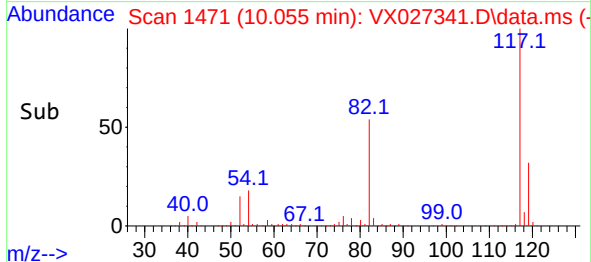
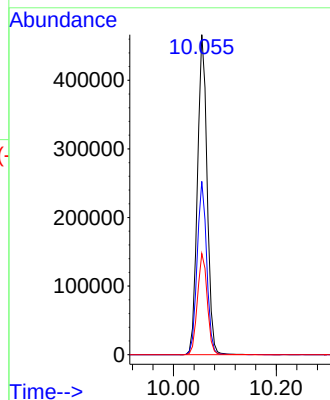
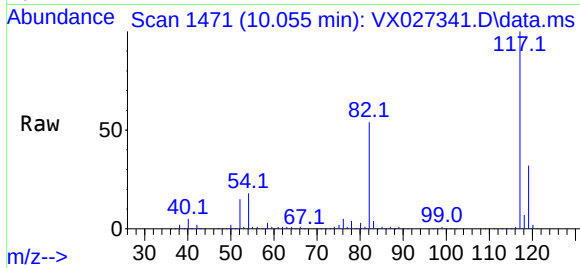




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

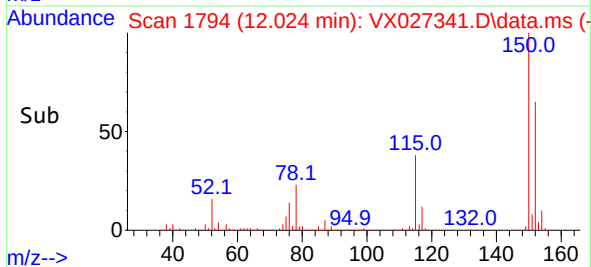
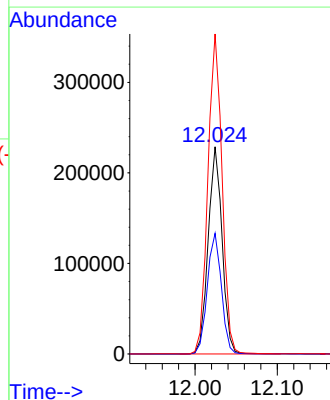
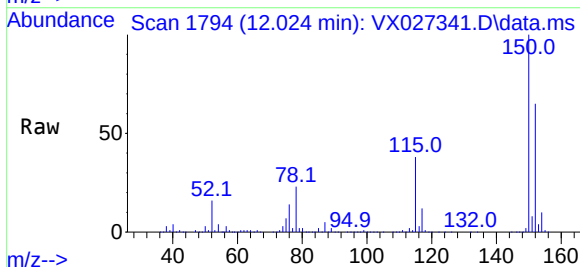
Instrument :
MSVOA_X
ClientSampleId :
SB-11

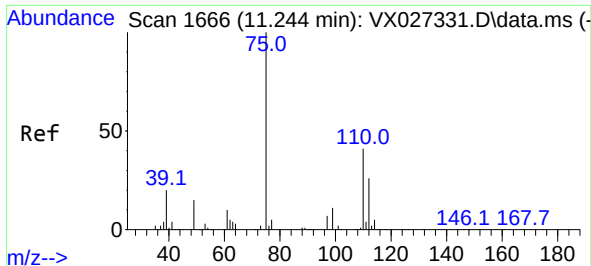
Tgt Ion:117 Resp: 609920
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

Tgt Ion:152 Resp: 269078
Ion Ratio Lower Upper
152 100
115 59.0 37.5 112.7
150 156.8 0.0 338.2

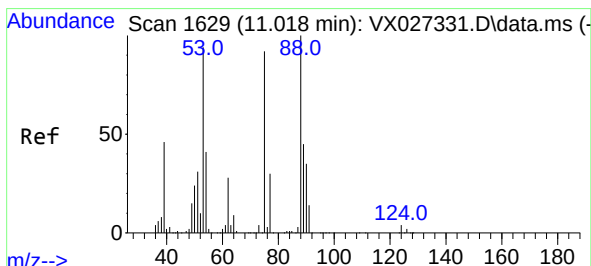
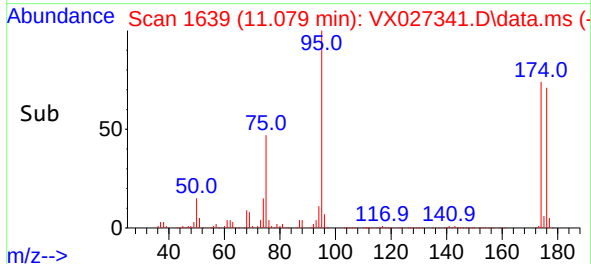
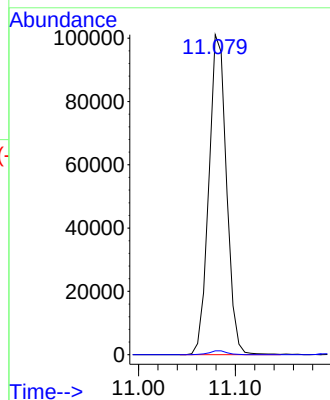
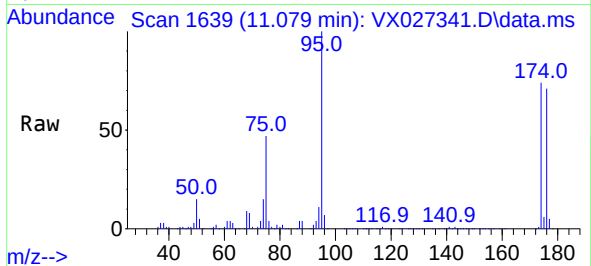




#76
1,2,3-Trichloropropane
Concen: 21.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

Instrument :
MSVOA_X
ClientSampleId :
SB-11

Tgt Ion: 75 Resp: 128213
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027341.D
Acq: 08 Mar 2022 19:09

Tgt Ion: 75 Resp: 128213
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

