

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030922\
 Data File : VX027354.D
 Acq On : 09 Mar 2022 17:03
 Operator : JC/MD
 Sample : N1793-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:35:07 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)

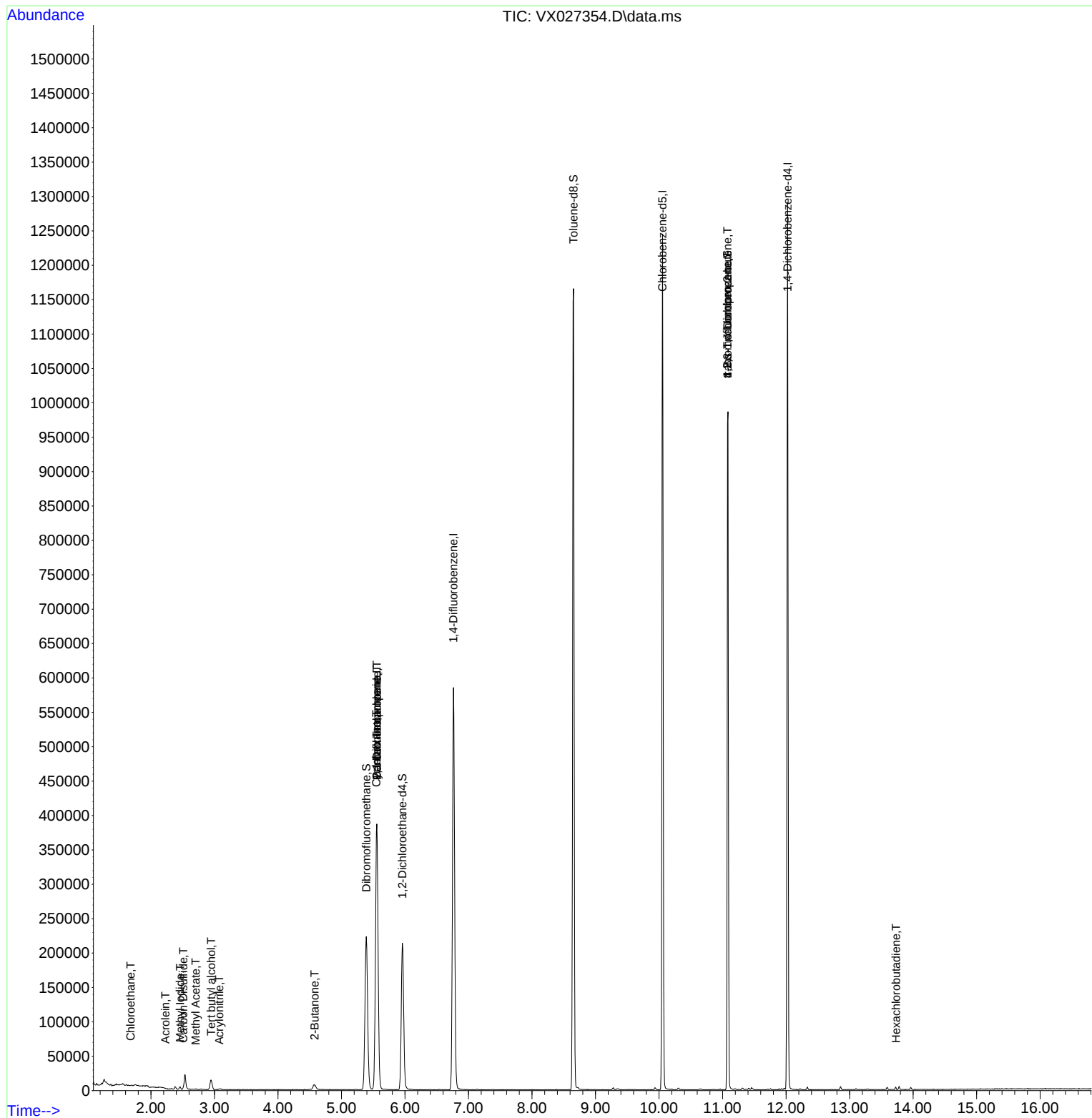
Internal Standards						
1) Pentafluorobenzene	5.556	168	395047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	638268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	599913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203869	44.253	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.500%		
35) Dibromofluoromethane	5.391	113	200761	48.746	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.500%		
50) Toluene-d8	8.653	98	754036	48.496	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.000%		
62) 4-Bromofluorobenzene	11.079	95	280633	47.356	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.720%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	895	Below Cal		91
6) Chloroethane	1.679	64	378	0.589 ug/l #		43
10) Methyl Iodide	2.459	142	3794	0.675 ug/l		95
11) Tert butyl alcohol	2.947	59	8464	9.372 ug/l #		73
13) Acrolein	2.227	56	276	0.436 ug/l		84
15) Acrylonitrile	3.075	53	533	0.224 ug/l #		75
16) Acetone	2.380	43	3981	Below Cal		99
17) Carbon Disulfide	2.508	76	3008	0.289 ug/l #		90
18) Methyl Acetate	2.703	43	1032	0.204 ug/l #		72
25) 2-Butanone	4.574	43	1294	0.408 ug/l		98
31) Cyclohexane	5.550	56	6307	0.979 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	26096	4.564 ug/l #		49
38) Carbon Tetrachloride	5.556	117	37189	6.290 ug/l #		16
76) 1,2,3-Trichloropropane	11.079	75	125601	20.437 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	125601	66.096 ug/l #		15
94) Hexachlorobutadiene	13.731	225	698	0.253 ug/l		87

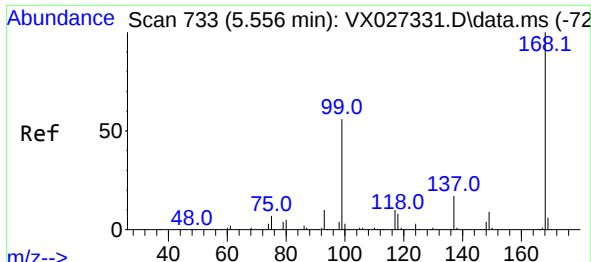
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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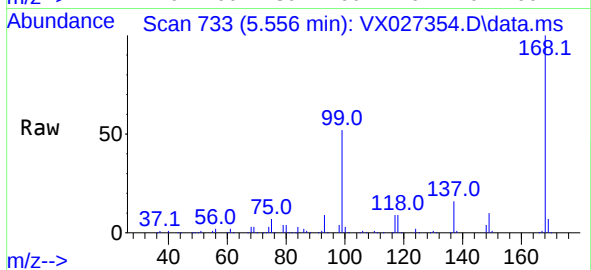
Quant Time: Mar 10 00:35:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
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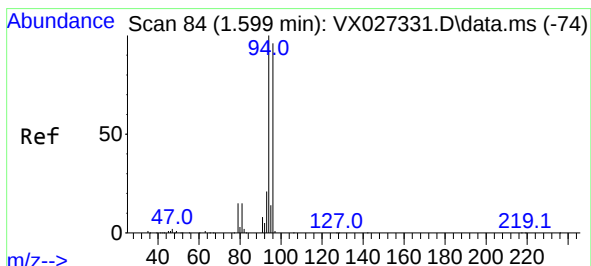
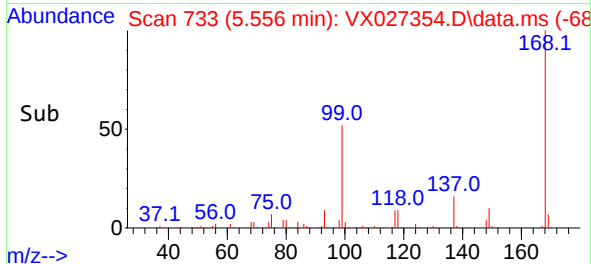
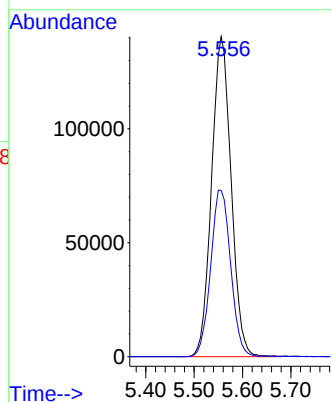


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :

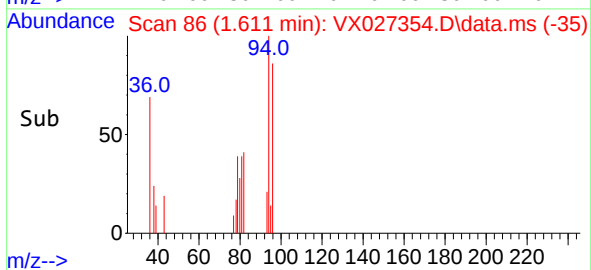
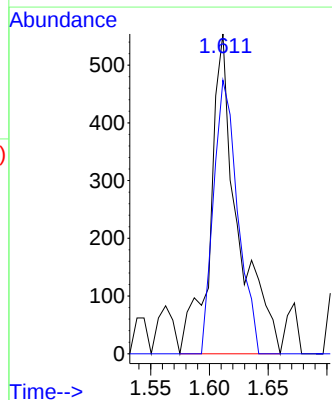
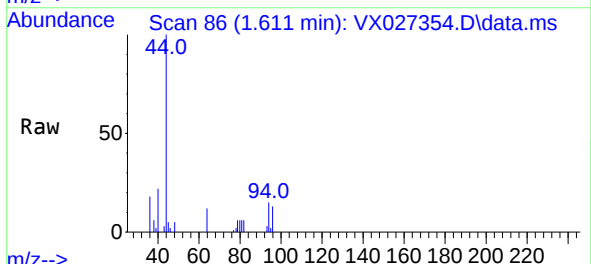


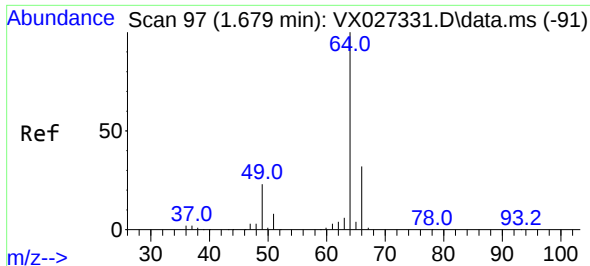
Tgt Ion:168 Resp: 395047
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

Tgt Ion: 94 Resp: 895
Ion Ratio Lower Upper
94 100
96 85.6 75.3 112.9

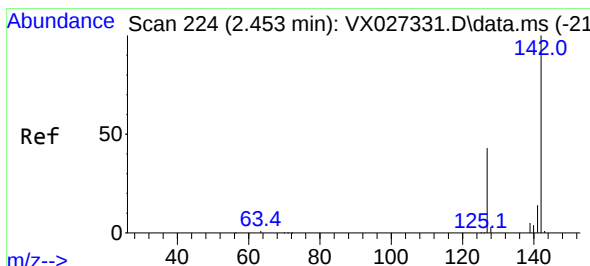
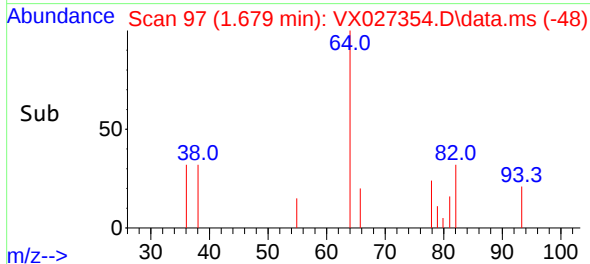
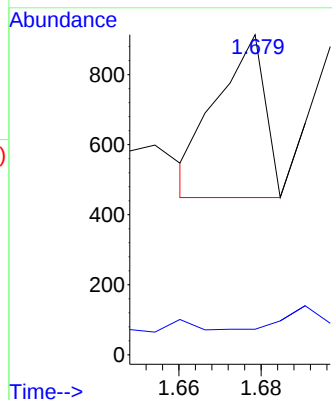
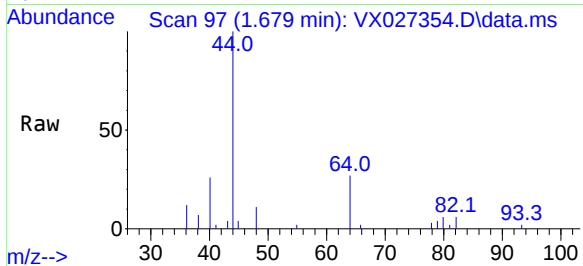




#6
Chloroethane
Concen: 0.589 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

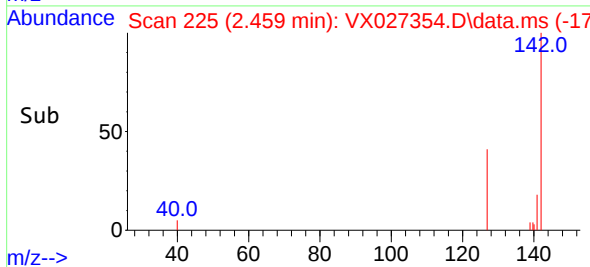
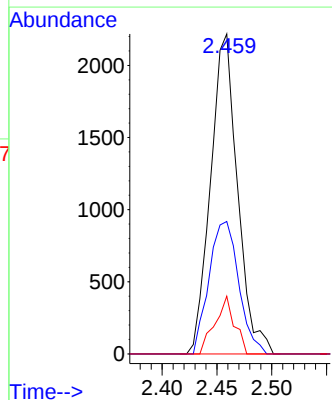
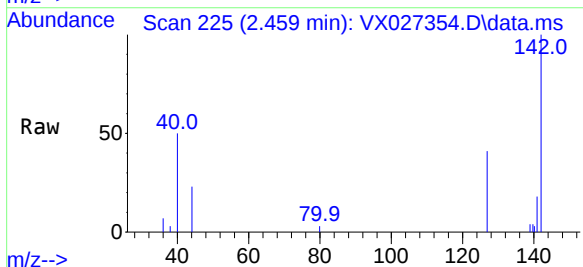
Instrument :
MSVOA_X
ClientSampleId :

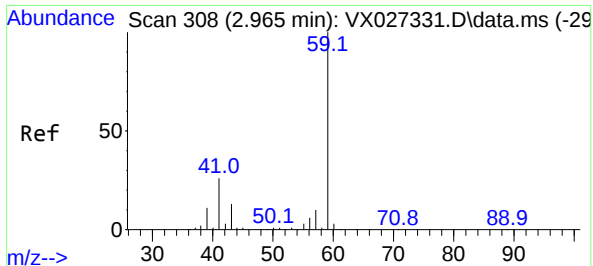
Tgt Ion: 64 Resp: 378
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.675 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

Tgt Ion:142 Resp: 3794
Ion Ratio Lower Upper
142 100
127 45.7 33.9 50.9
141 13.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 9.372 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX027354.D

Acq: 09 Mar 2022 17:03

Instrument :

MSVOA_X

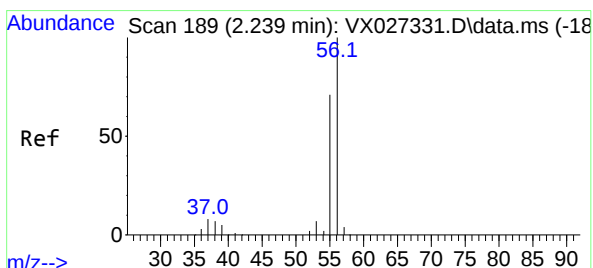
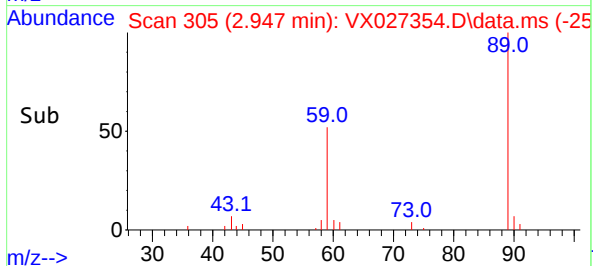
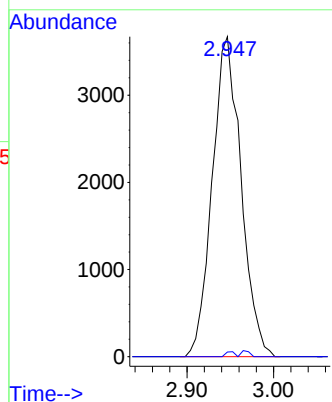
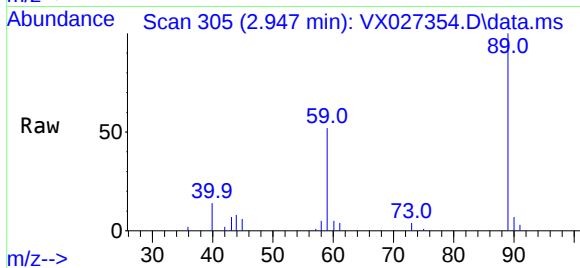
ClientSampleId :

Tgt Ion: 59 Resp: 8464

Ion Ratio Lower Upper

59 100

57 0.5 8.3 12.5#



#13

Acrolein

Concen: 0.436 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX027354.D

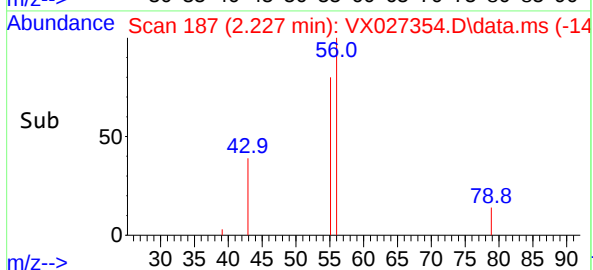
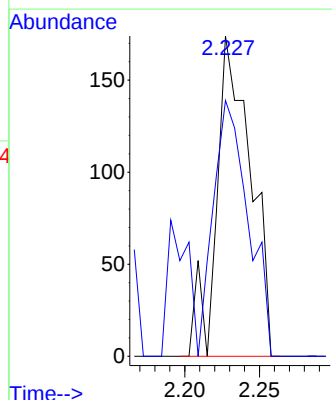
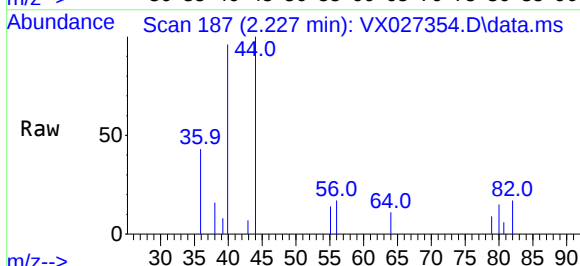
Acq: 09 Mar 2022 17:03

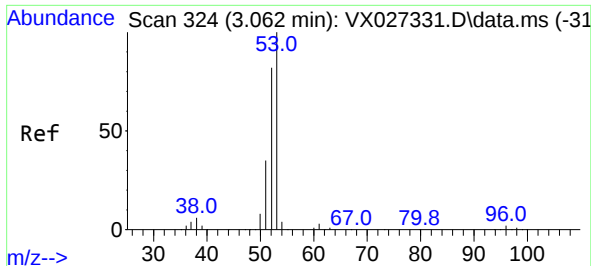
Tgt Ion: 56 Resp: 276

Ion Ratio Lower Upper

56 100

55 81.9 55.0 82.6





#15

Acrylonitrile

Concen: 0.224 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.013 min

Lab File: VX027354.D

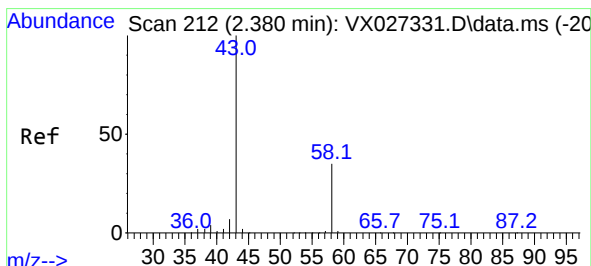
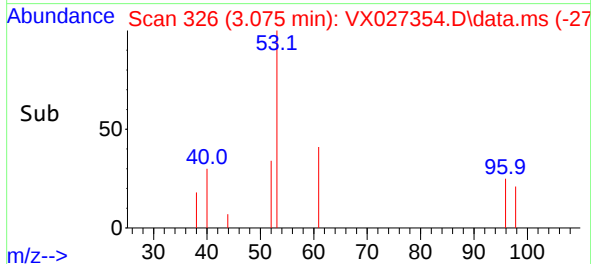
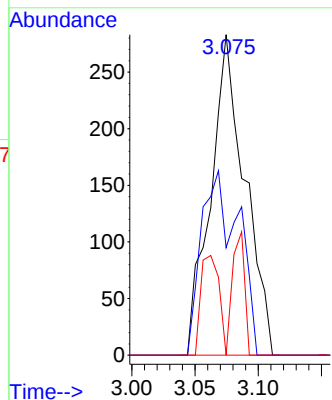
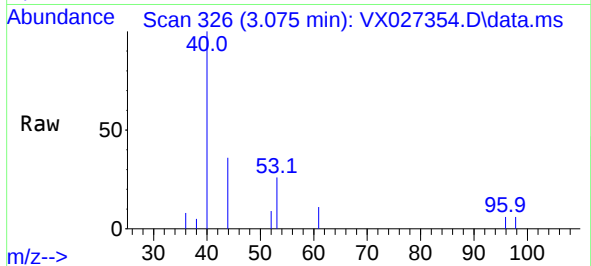
Acq: 09 Mar 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 53	Resp: 533
Ion Ratio	Lower Upper
53 100	
52 62.3	65.7 98.5#
51 16.5	28.4 42.6#



#16

Acetone

Concen: Below Cal

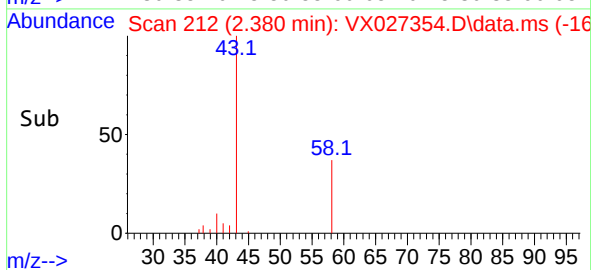
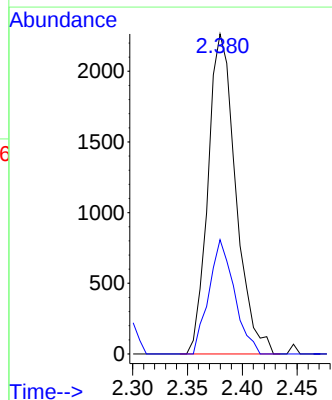
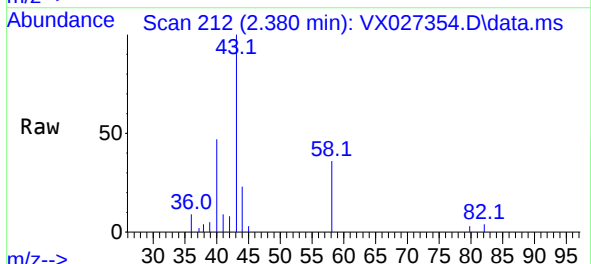
RT: 2.380 min Scan# 212

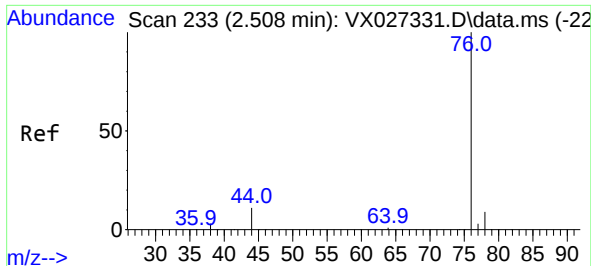
Delta R.T. -0.000 min

Lab File: VX027354.D

Acq: 09 Mar 2022 17:03

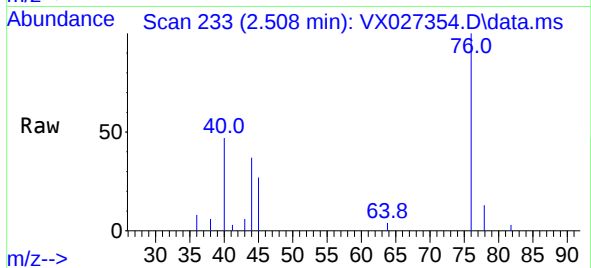
Tgt Ion: 43	Resp: 3981
Ion Ratio	Lower Upper
43 100	
58 35.7	28.8 43.2



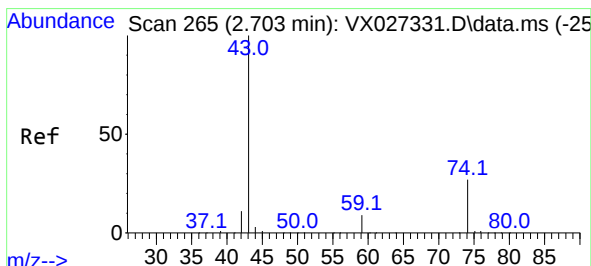
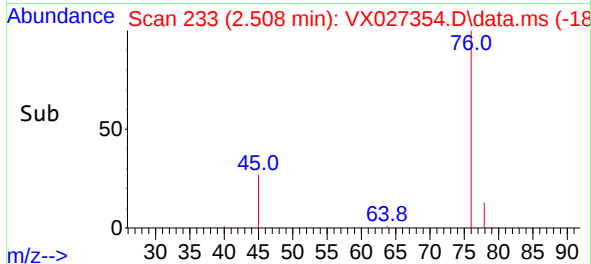
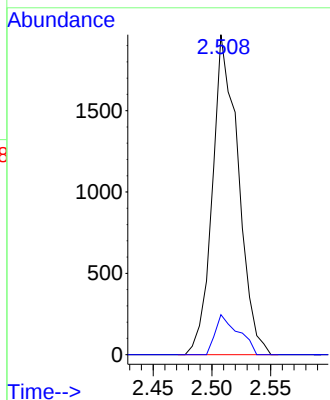


#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :

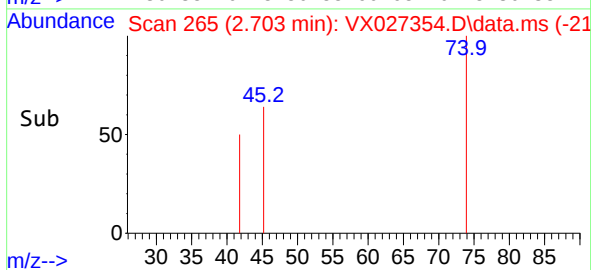
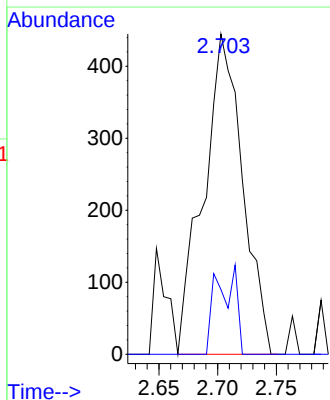
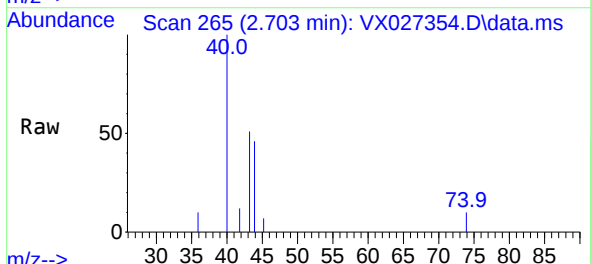


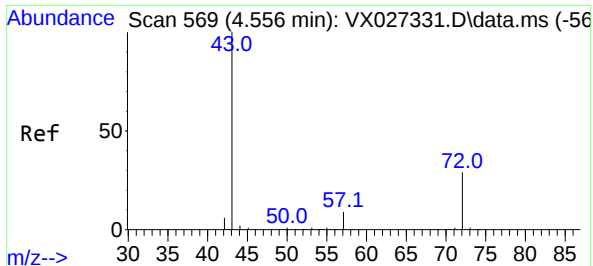
Tgt Ion: 76 Resp: 3008
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#



#18
Methyl Acetate
Concen: 0.204 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
74 13.9 22.8 34.2#

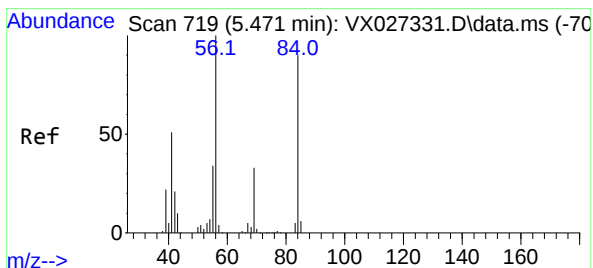
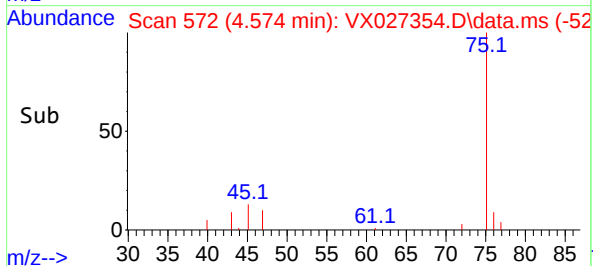
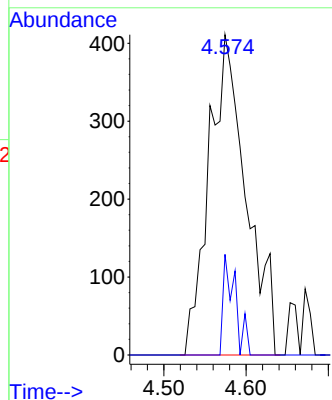
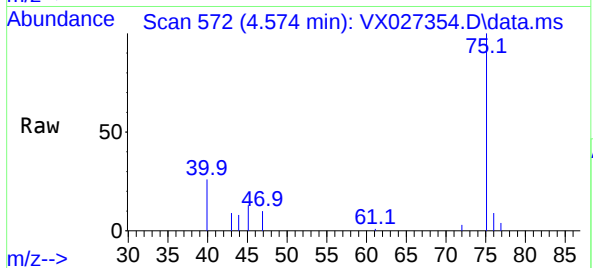




#25
2-Butanone
Concen: 0.408 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

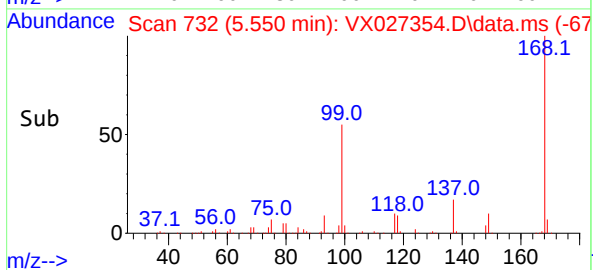
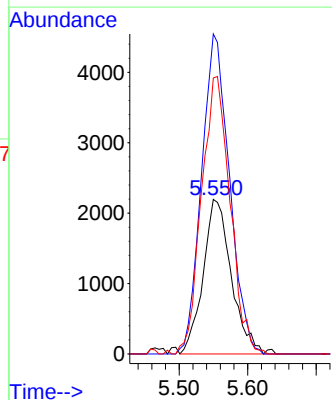
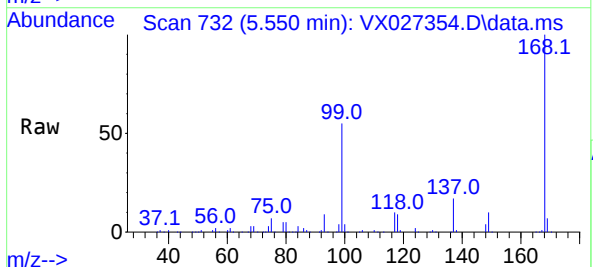
Instrument :
MSVOA_X
ClientSampleId :

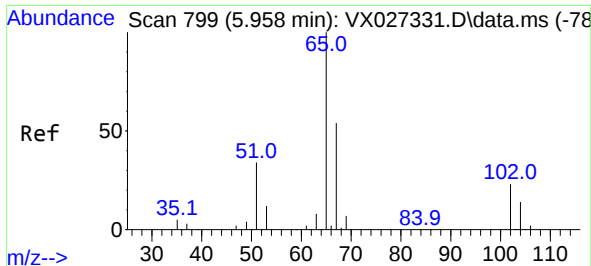
Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
72 31.4 24.4 36.6



#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

Tgt Ion: 56 Resp: 6307
Ion Ratio Lower Upper
56 100
69 207.1 26.7 40.1#
84 178.7 77.2 115.8#

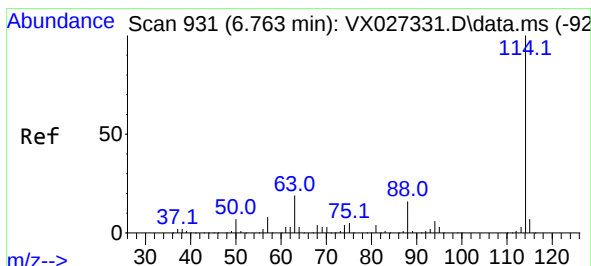
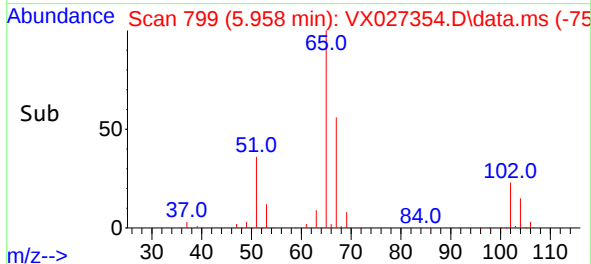
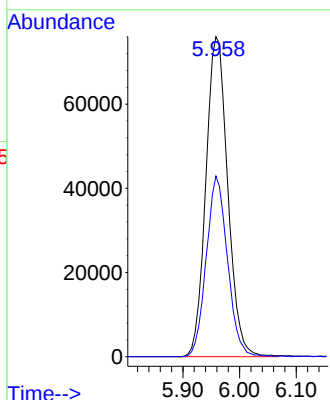
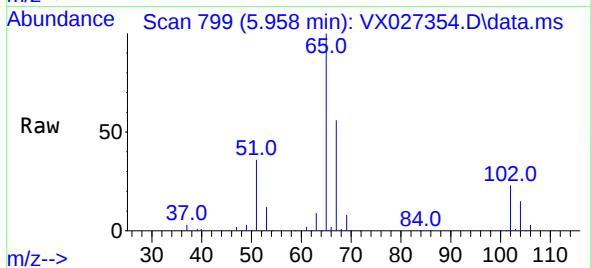




#33
 1,2-Dichloroethane-d4
 Concen: 44.253 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX027354.D
 Acq: 09 Mar 2022 17:03

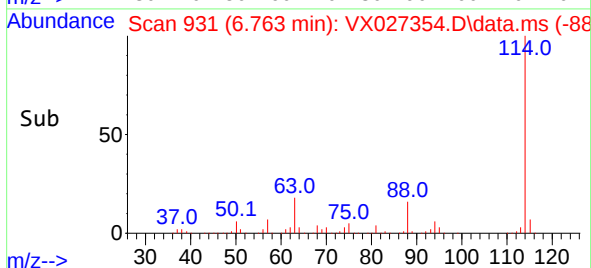
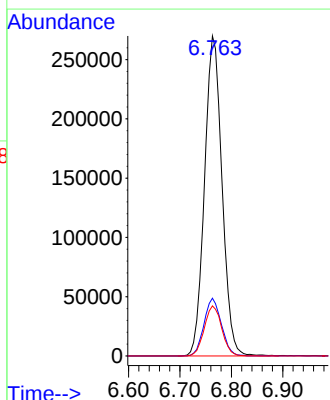
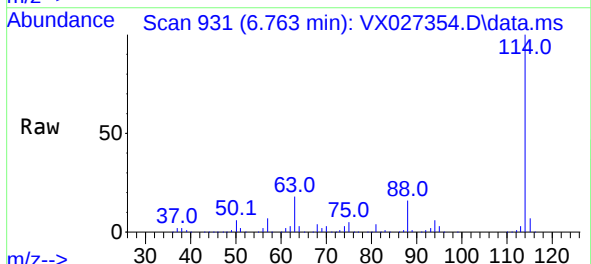
Instrument :
 MSVOA_X
 ClientSampleId :

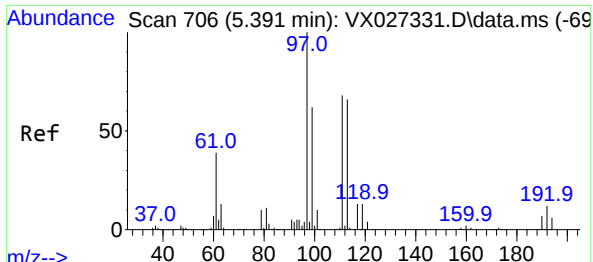
Tgt Ion: 65 Resp: 203869
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX027354.D
 Acq: 09 Mar 2022 17:03

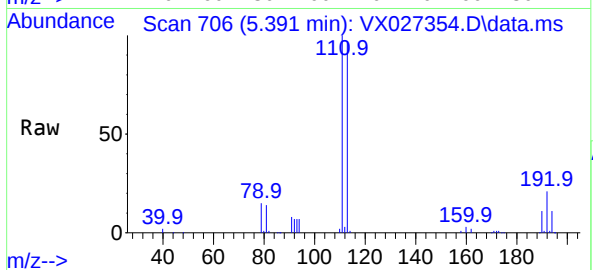
Tgt Ion: 114 Resp: 638268
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 15.7 0.0 32.4



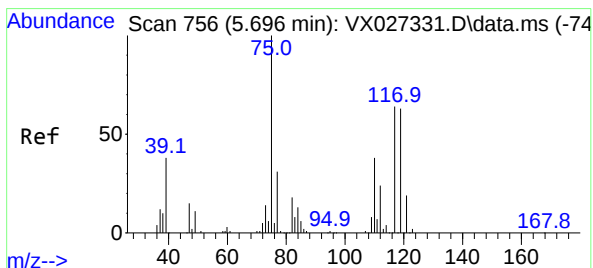
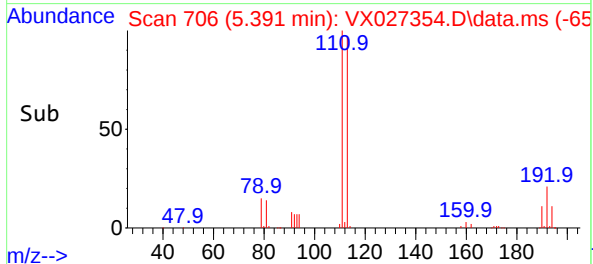
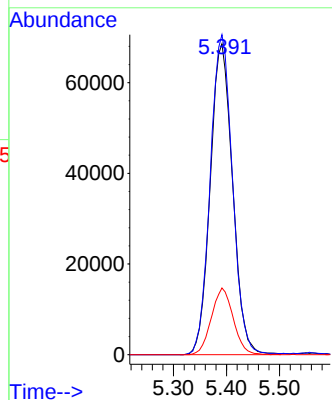


#35
Dibromofluoromethane
Concen: 48.746 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :

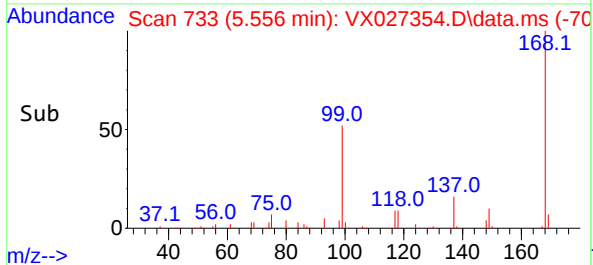
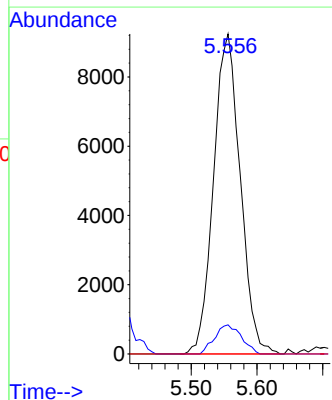
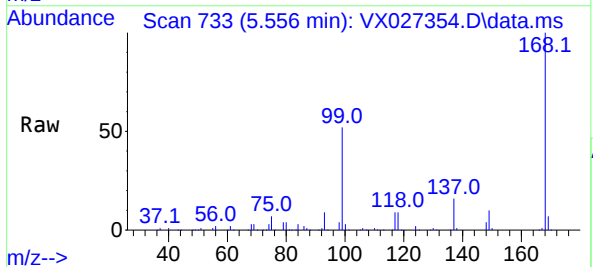


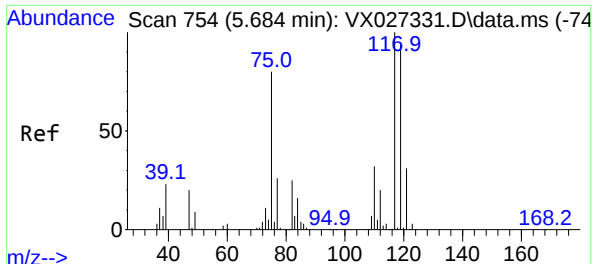
Tgt Ion:113 Resp: 200761
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 21.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

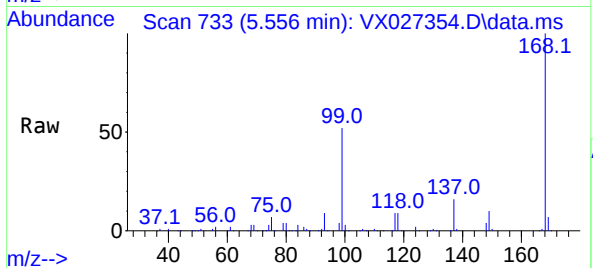
Tgt Ion: 75 Resp: 26096
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#



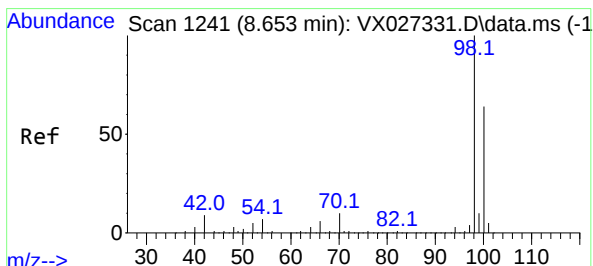
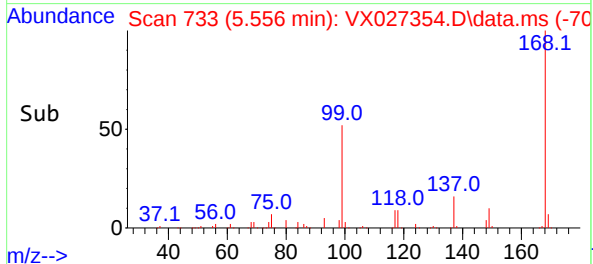
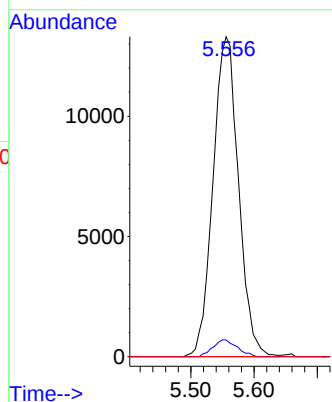


#38
Carbon Tetrachloride
Concen: 6.290 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :

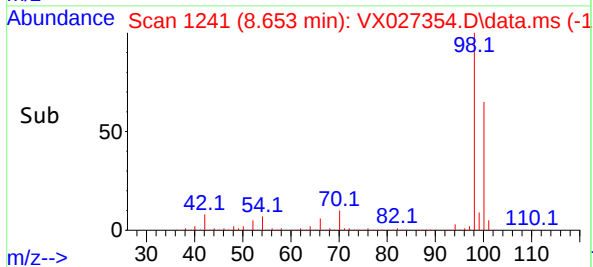
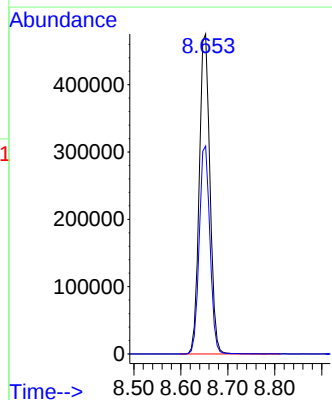
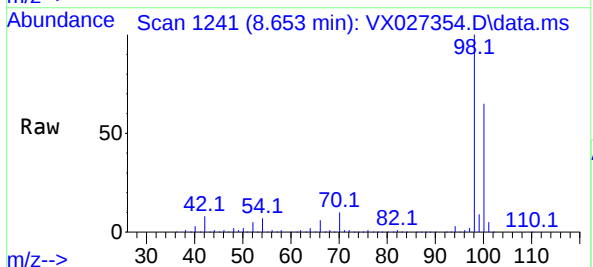


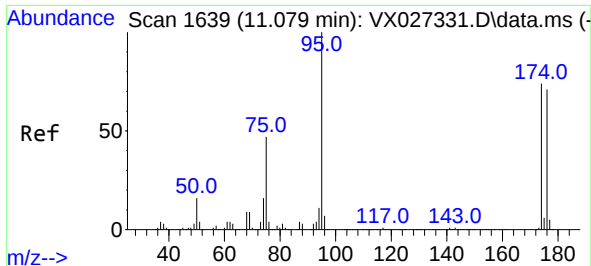
Tgt Ion:117 Resp: 37189
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.496 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

Tgt Ion: 98 Resp: 754036
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

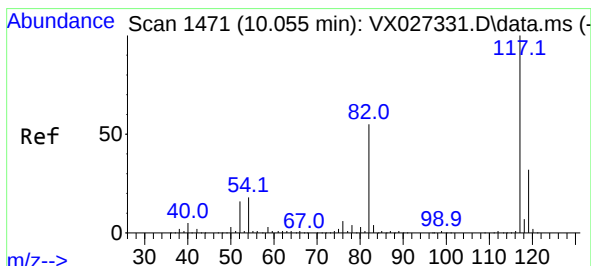
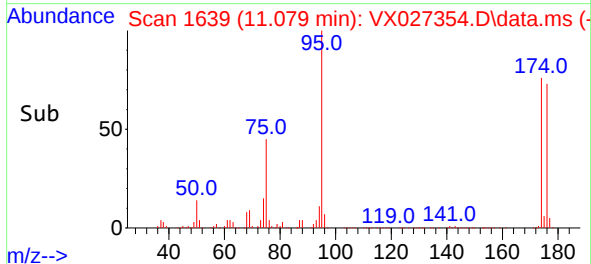
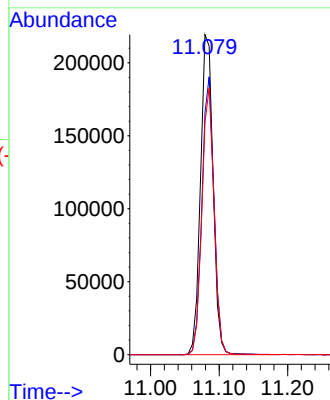
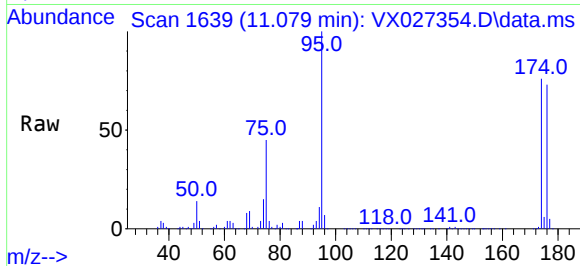




#62
4-Bromofluorobenzene
Concen: 47.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

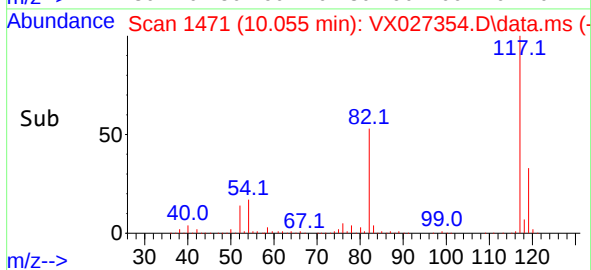
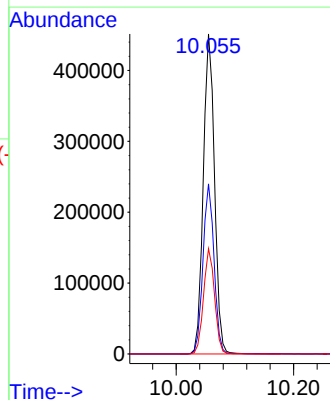
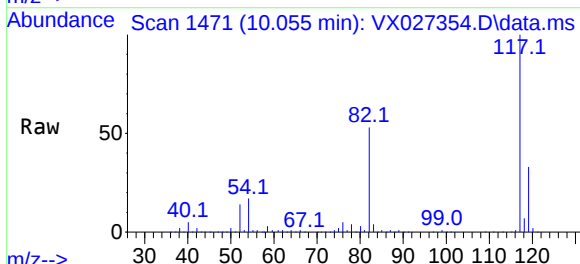
Instrument :
MSVOA_X
ClientSampleId :

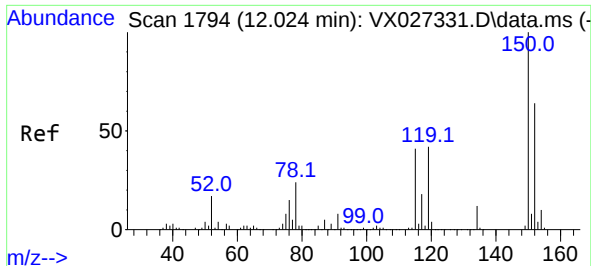
Tgt Ion: 95 Resp: 280633
Ion Ratio Lower Upper
95 100
174 83.6 0.0 163.0
176 80.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

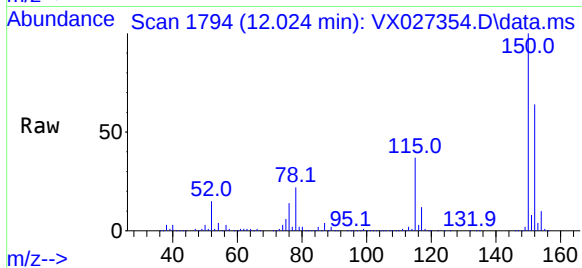
Tgt Ion: 117 Resp: 599913
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.8
119 32.9 24.8 37.2



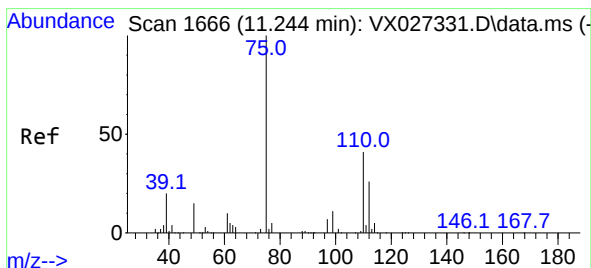
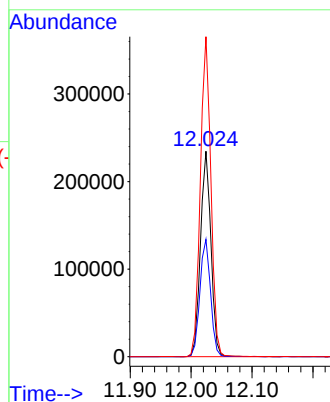
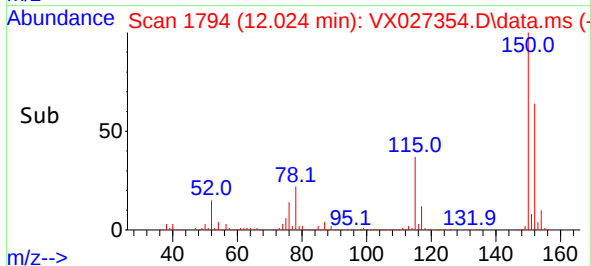


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

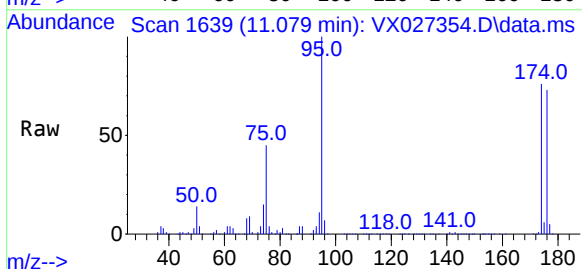
Instrument :
MSVOA_X
ClientSampleId :



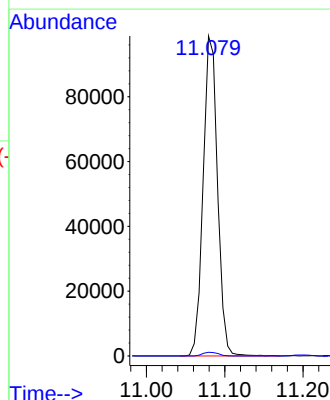
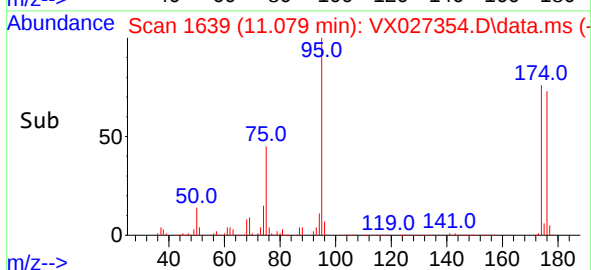
Tgt Ion:152 Resp: 280109
Ion Ratio Lower Upper
152 100
115 58.2 37.5 112.7
150 156.5 0.0 338.2

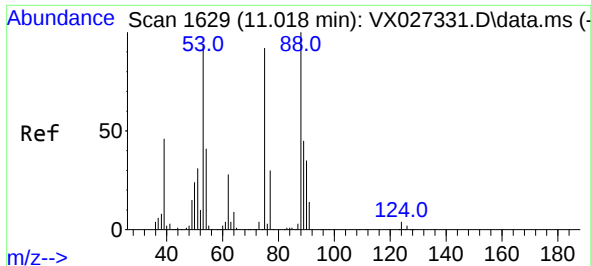


#76
1,2,3-Trichloropropane
Concen: 20.437 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03



Tgt Ion: 75 Resp: 125601
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

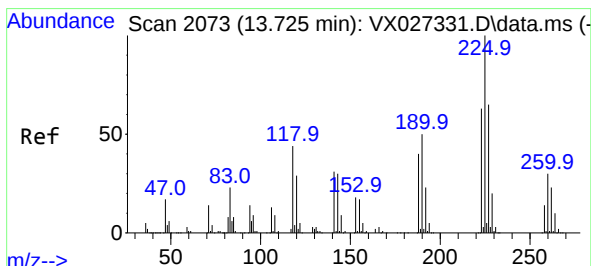
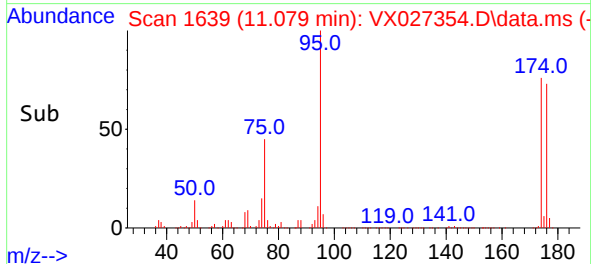
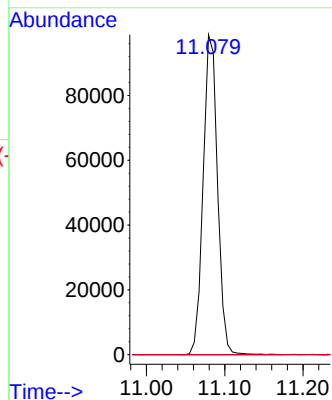
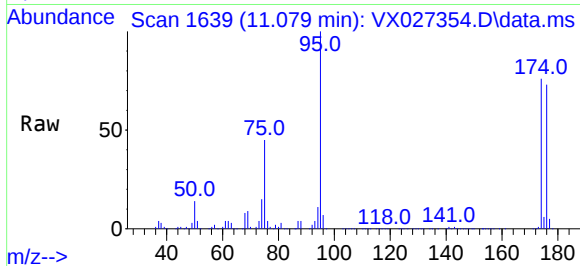




#81
trans-1,4-Dichloro-2-butene
Concen: 66.096 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 125601
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.253 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX027354.D
Acq: 09 Mar 2022 17:03

Tgt Ion: 225 Resp: 698
Ion Ratio Lower Upper
225 100
223 56.6 34.2 102.5
227 59.2 33.9 101.7

