

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028061.D
 Acq On : 12 Apr 2022 17:10
 Operator : JC/MD
 Sample : N2334-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB040722

Quant Time: Apr 13 01:13:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

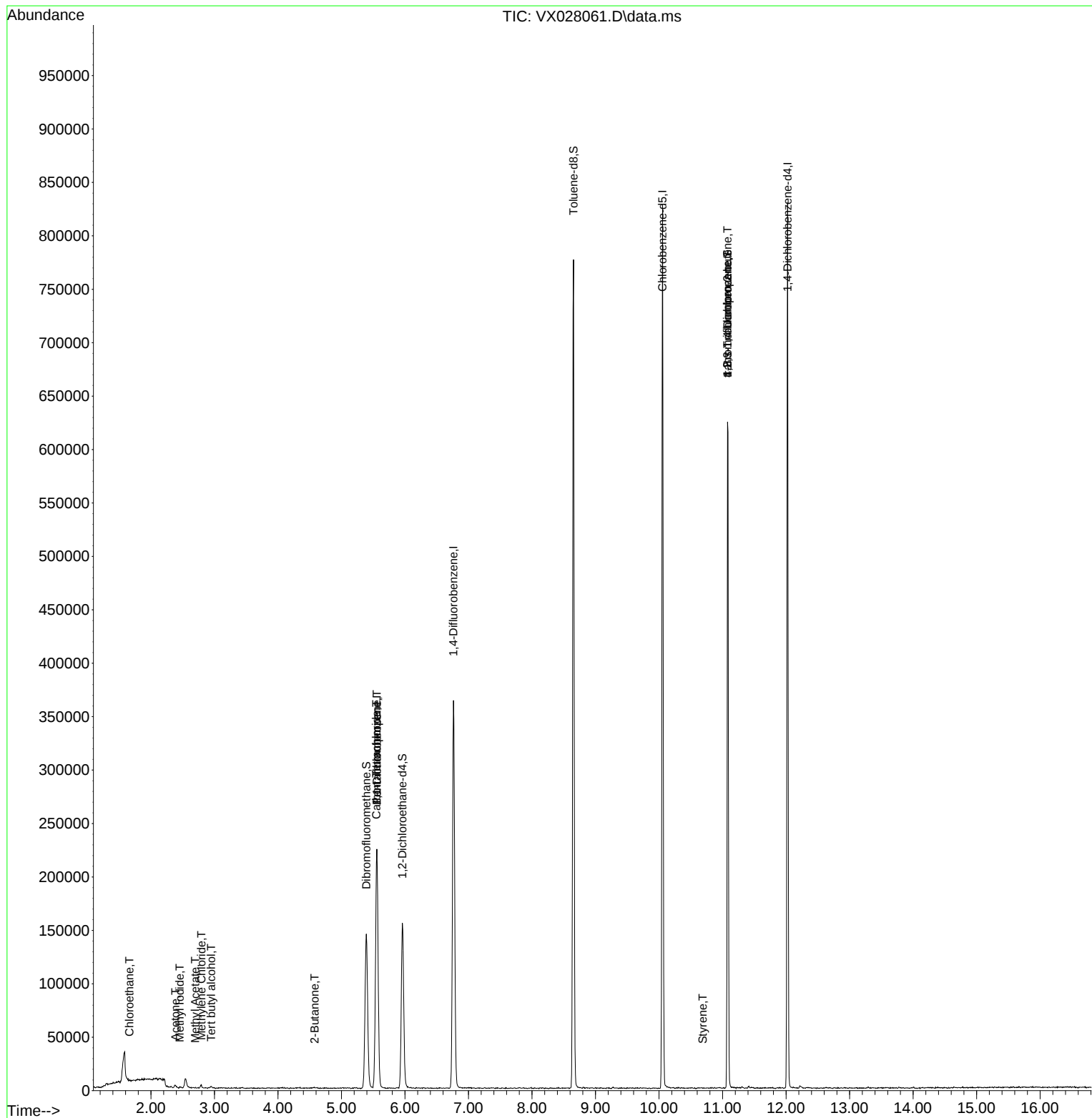
Internal Standards						
1) Pentafluorobenzene	5.556	168	211925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141031	49.052	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.100%		
35) Dibromofluoromethane	5.391	113	121898	50.015	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.040%		
50) Toluene-d8	8.653	98	453319	49.871	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.740%		
62) 4-Bromofluorobenzene	11.079	95	147532	43.470	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.940%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	752	Below Cal	#	69
6) Chloroethane	1.660	64	116	2.651	ug/l #	43
10) Methyl Iodide	2.453	142	698	0.281	ug/l #	83
11) Tert butyl alcohol	2.947	59	765	1.146	ug/l #	72
13) Acrolein	2.203	56	152	Below Cal	#	1
16) Acetone	2.386	43	2254	1.882	ug/l #	78
18) Methyl Acetate	2.697	43	924	0.289	ug/l #	50
20) Methylene Chloride	2.794	84	941	0.394	ug/l #	83
25) 2-Butanone	4.574	43	454	0.219	ug/l #	44
36) 1,1-Dichloropropene	5.556	75	16365	4.400	ug/l #	49
38) Carbon Tetrachloride	5.550	117	21255	5.352	ug/l #	14
70) Styrene	10.689	104	40	4.708	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	85262	24.094	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	85262	67.860	ug/l #	15

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

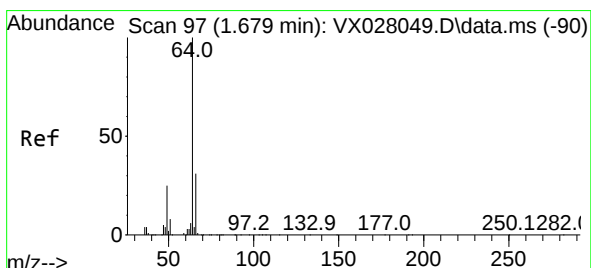
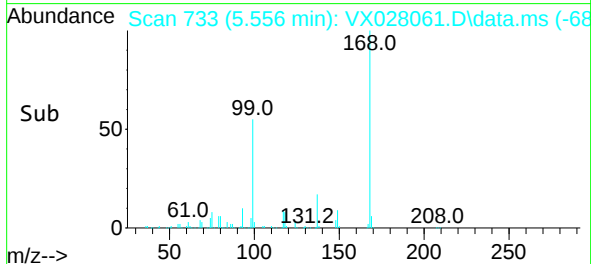
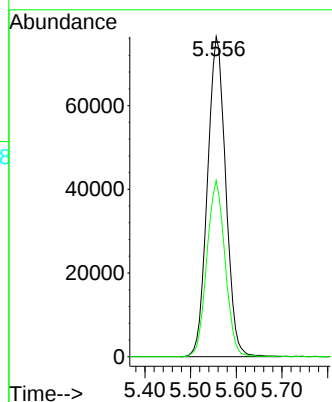
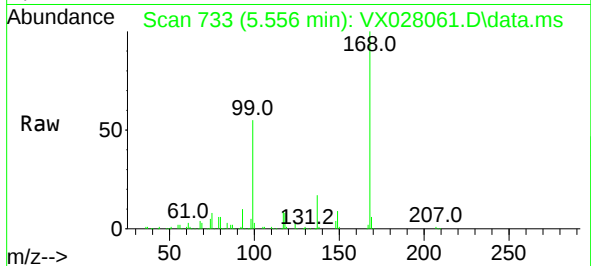




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

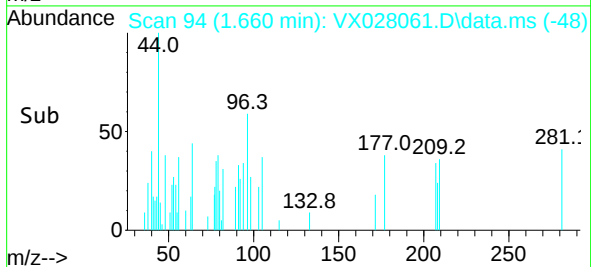
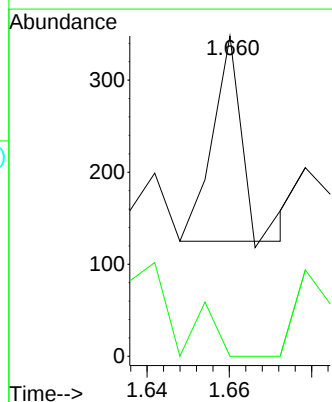
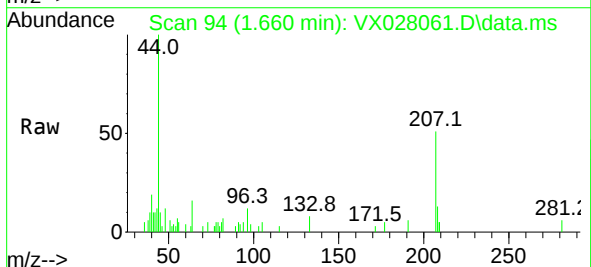
Instrument :
MSVOA_X
ClientSampleId :
FB040722

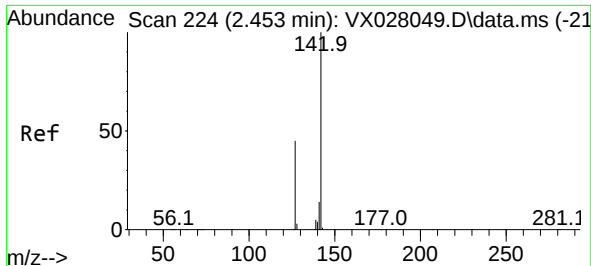
Tgt Ion:168 Resp: 211925
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5



#6
Chloroethane
Concen: 2.651 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

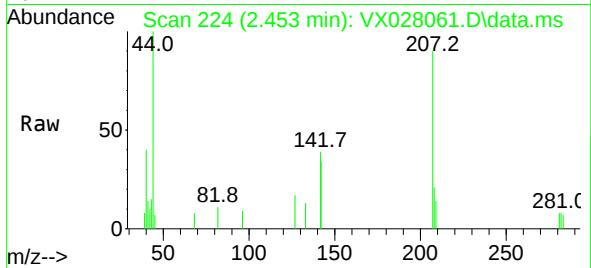
Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9



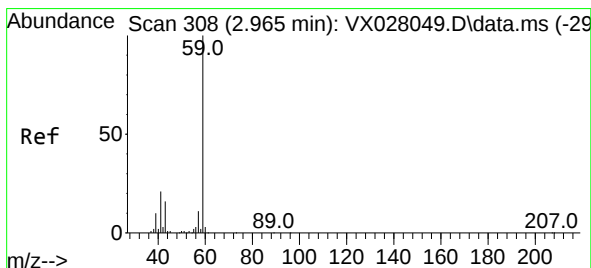
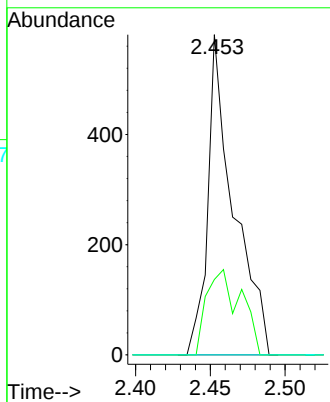
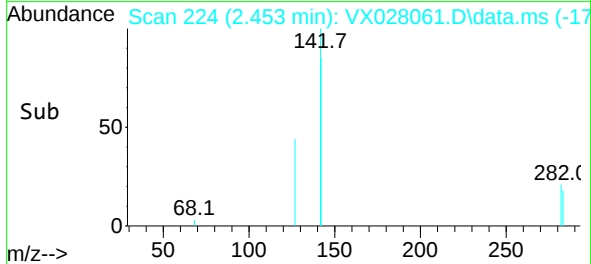


#10
Methyl Iodide
Concen: 0.281 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

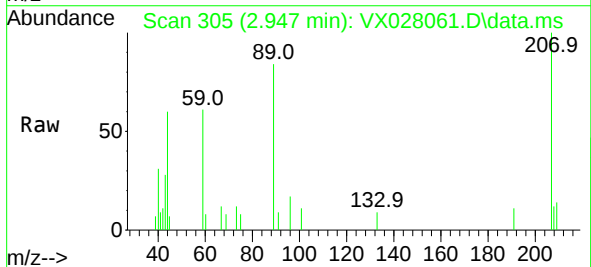
Instrument :
MSVOA_X
ClientSampleId :
FB040722



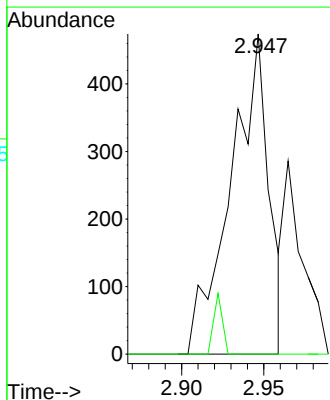
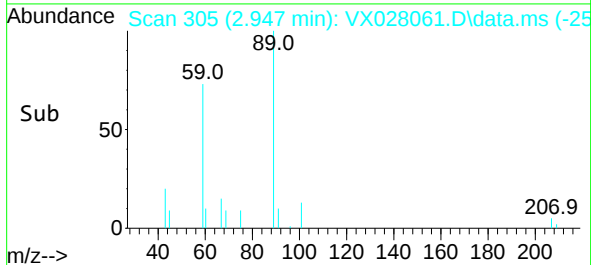
Tgt Ion:142 Resp: 698
Ion Ratio Lower Upper
142 100
127 35.1 33.9 50.9
141 0.0 11.4 17.2#

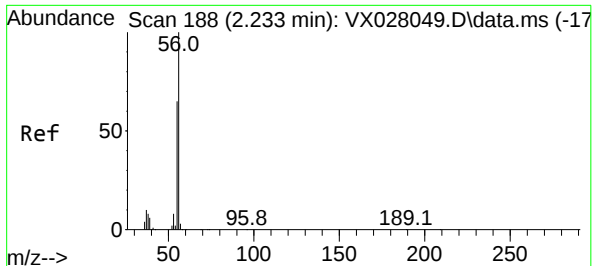


#11
Tert butyl alcohol
Concen: 1.146 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10



Tgt Ion: 59 Resp: 765
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

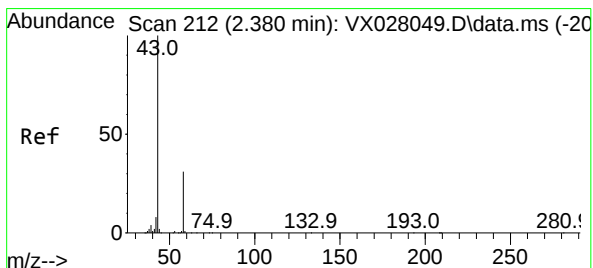
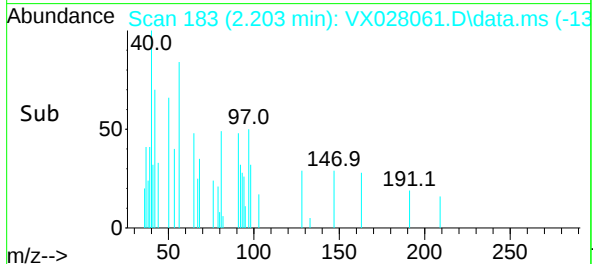
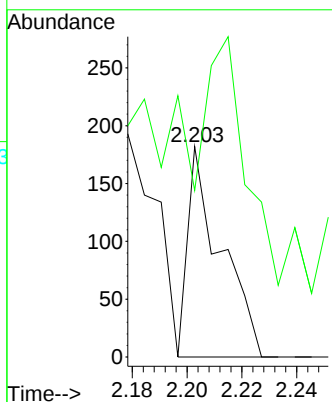
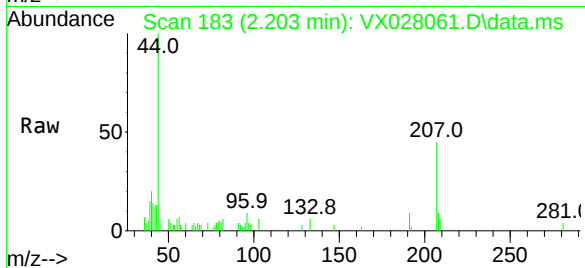




#13
Acrolein
Concen: Below Cal
RT: 2.203 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

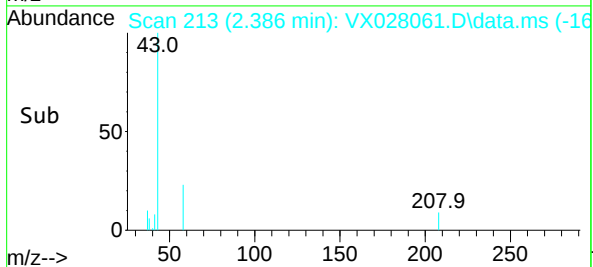
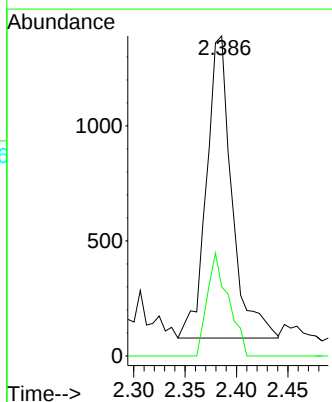
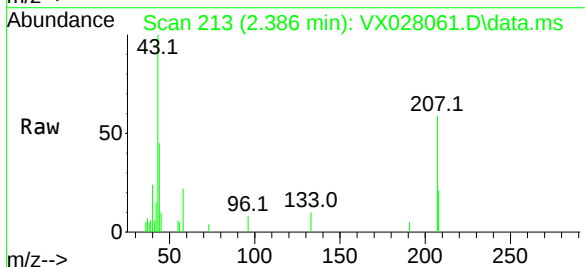
Instrument :
MSVOA_X
ClientSampleId :
FB040722

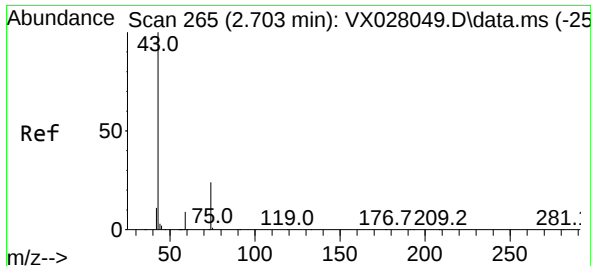
Tgt Ion: 56 Resp: 152
Ion Ratio Lower Upper
56 100
55 157.9 55.0 82.6#



#16
Acetone
Concen: 1.882 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

Tgt Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
58 22.8 28.8 43.2#

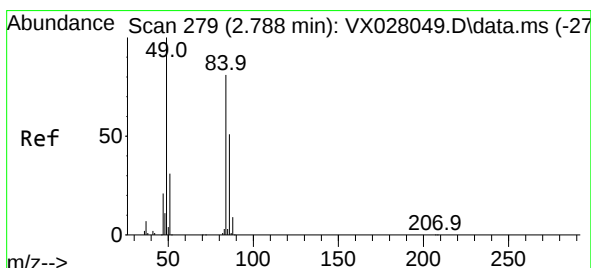
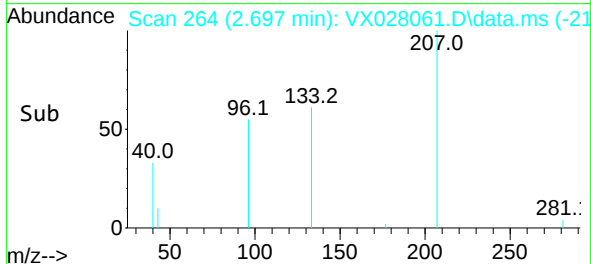
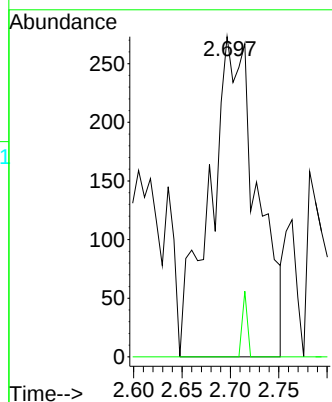
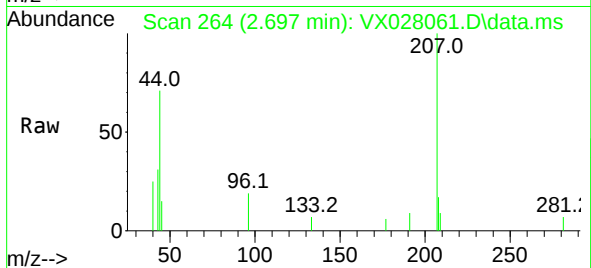




#18
Methyl Acetate
Concen: 0.289 ug/l
RT: 2.697 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

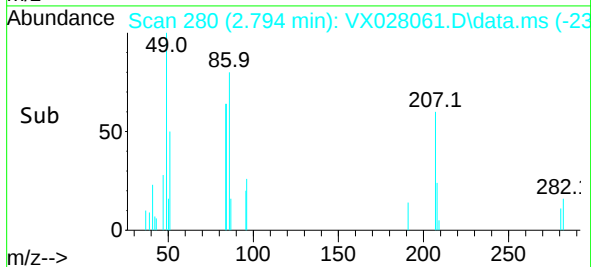
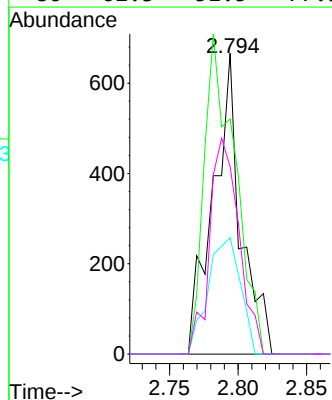
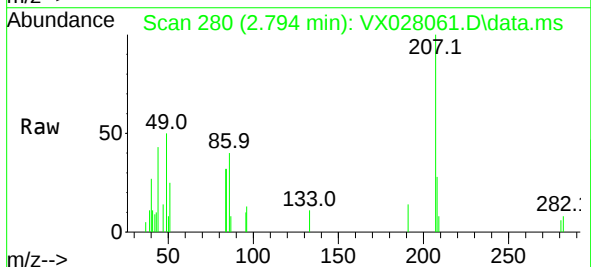
Instrument :
MSVOA_X
ClientSampleId :
FB040722

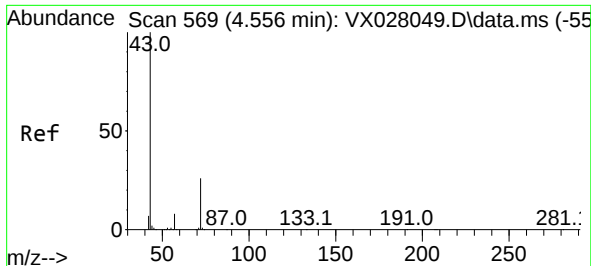
Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
74 2.2 22.8 34.2#



#20
Methylene Chloride
Concen: 0.394 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

Tgt Ion: 84 Resp: 941
Ion Ratio Lower Upper
84 100
49 78.2 85.5 128.3#
51 38.7 26.6 39.8
86 62.3 51.5 77.3

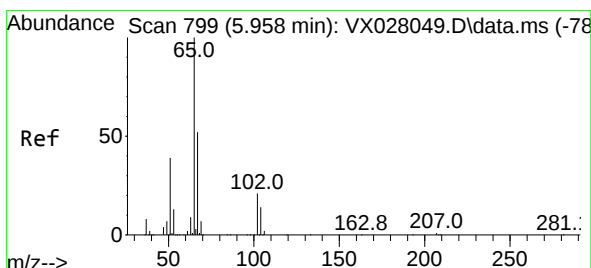
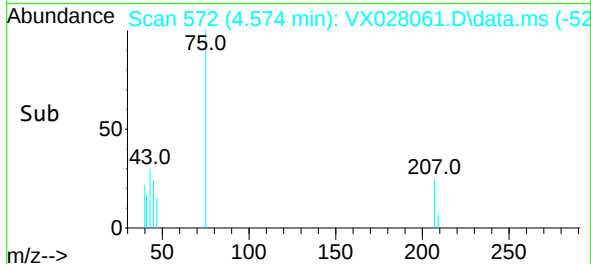
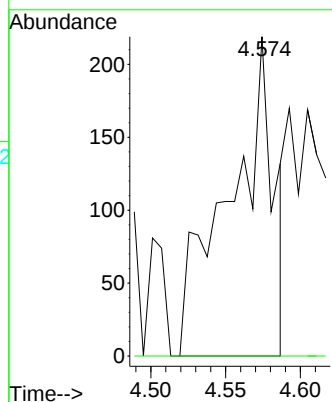
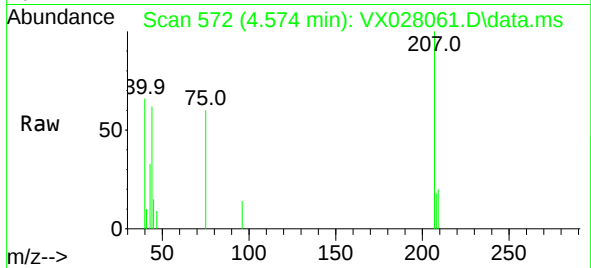




#25
2-Butanone
Concen: 0.219 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

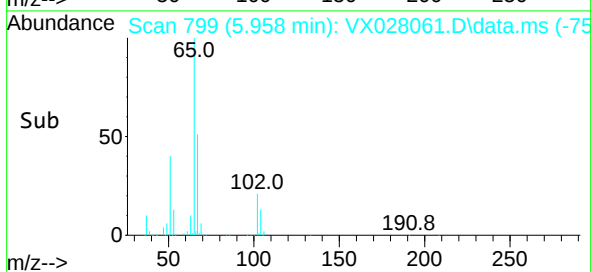
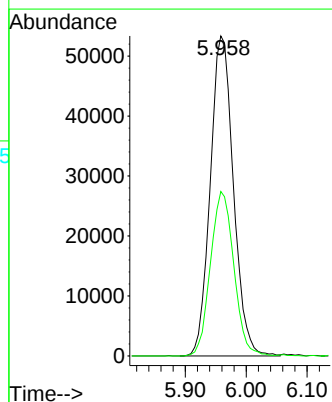
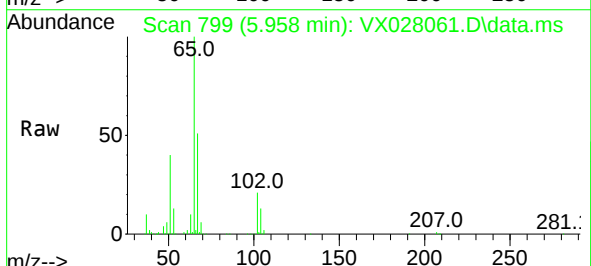
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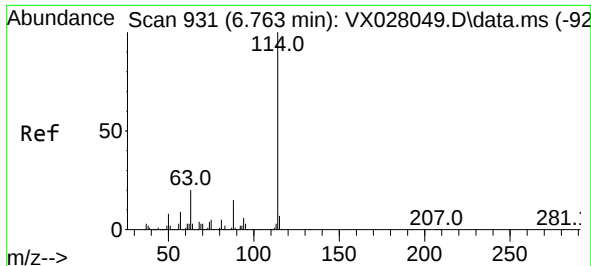
Tgt Ion: 43 Resp: 454
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#33
1,2-Dichloroethane-d4
Concen: 49.052 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

Tgt Ion: 65 Resp: 141031
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

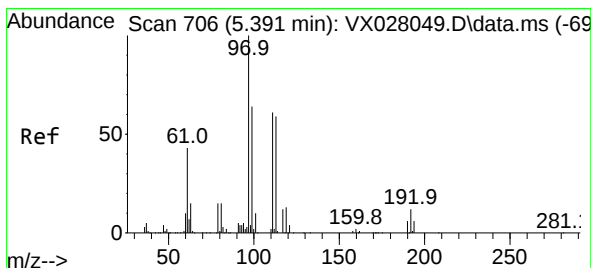
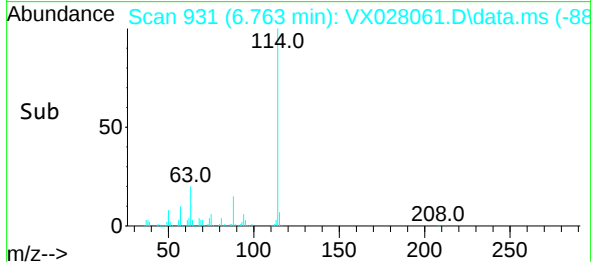
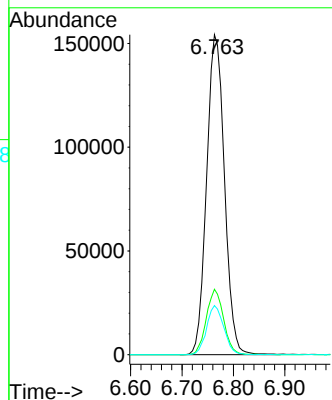
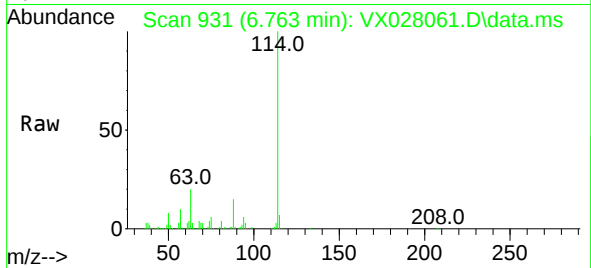




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

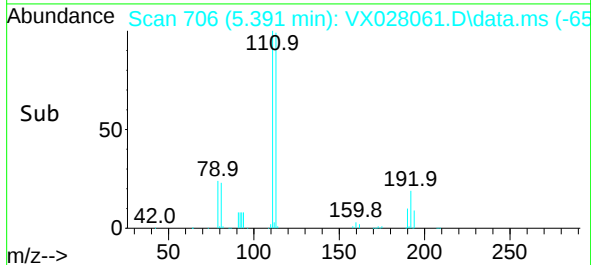
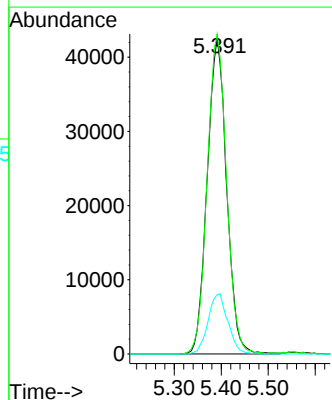
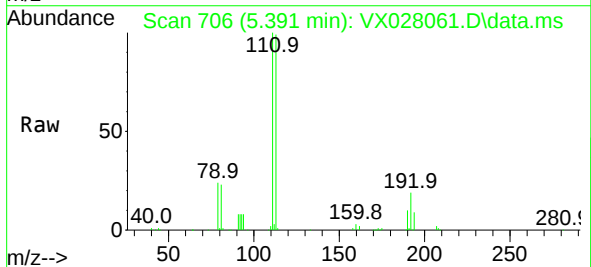
Instrument :
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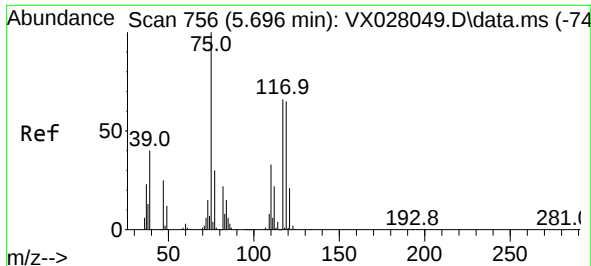
Tgt Ion:114 Resp: 371941
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 15.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.015 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

Tgt Ion:113 Resp: 121898
Ion Ratio Lower Upper
113 100
111 100.9 82.8 124.2
192 19.5 16.9 25.3

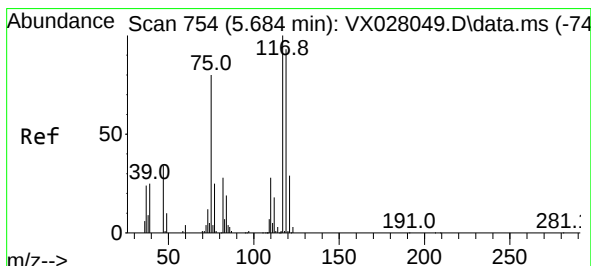
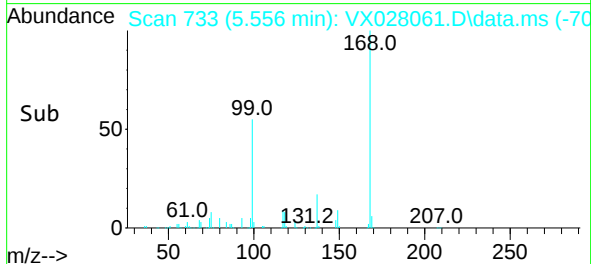
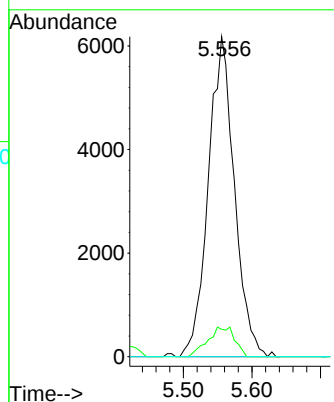
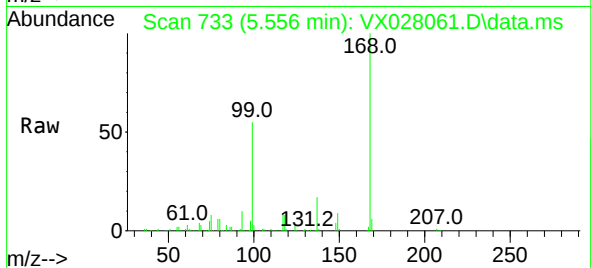




#36
1,1-Dichloropropene
Concen: 4.400 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

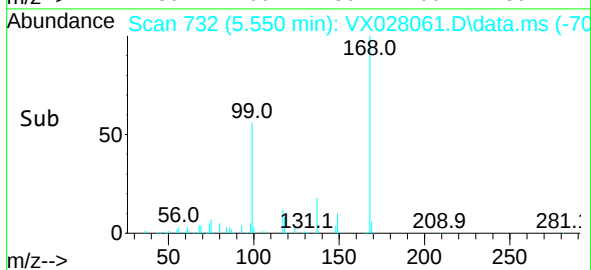
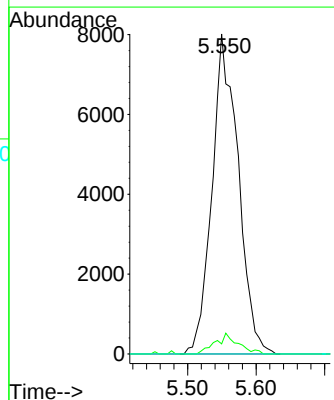
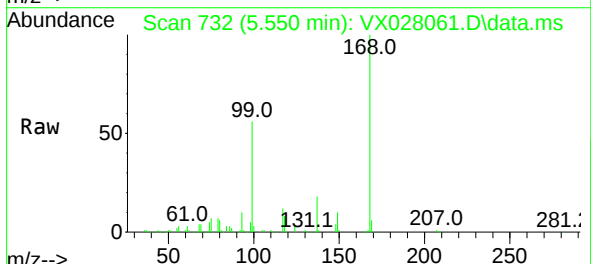
Instrument :
MSVOA_X
ClientSampleId :
FB040722

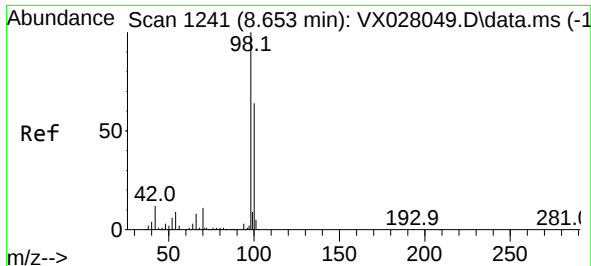
Tgt Ion: 75 Resp: 16365
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.352 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

Tgt Ion: 117 Resp: 21255
Ion Ratio Lower Upper
117 100
119 3.2 77.3 115.9#
121 0.0 24.2 36.2#

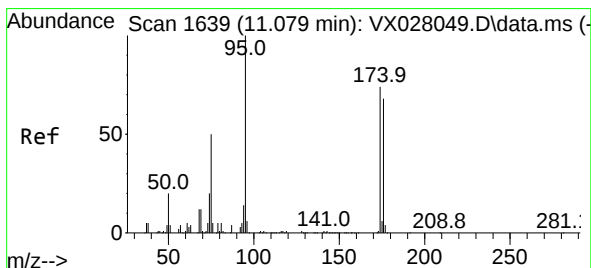
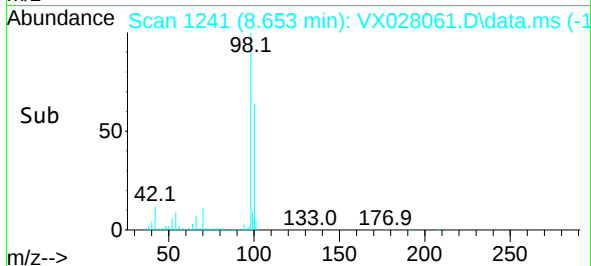
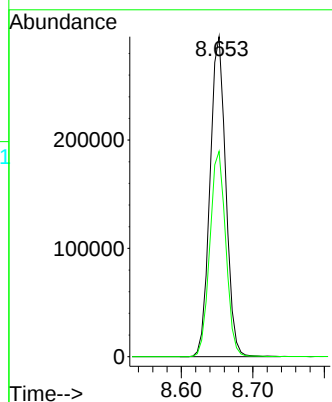
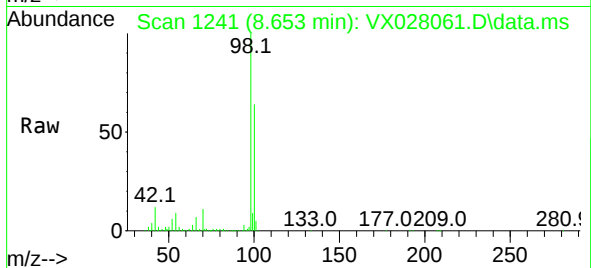




#50
Toluene-d8
Concen: 49.871 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

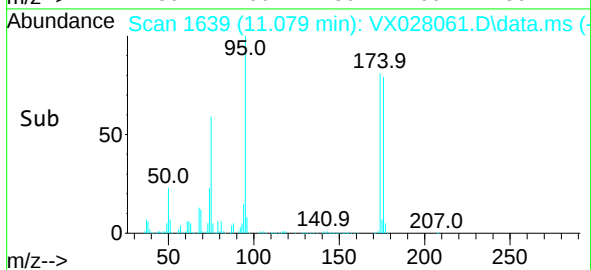
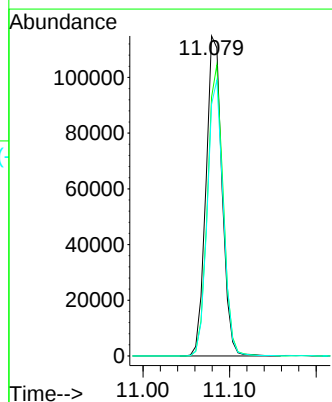
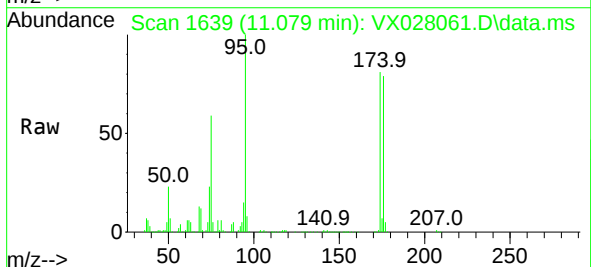
Instrument :
MSVOA_X
ClientSampleId :
FB040722

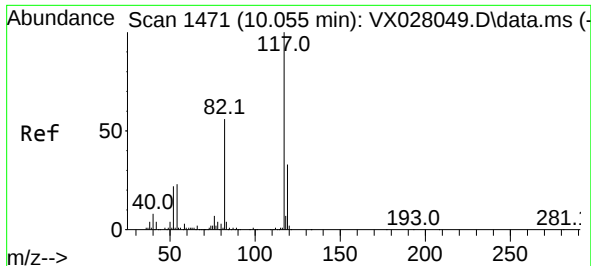
Tgt Ion: 98 Resp: 453319
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

Tgt Ion: 95 Resp: 147532
Ion Ratio Lower Upper
95 100
174 89.1 0.0 163.0
176 85.4 0.0 155.0

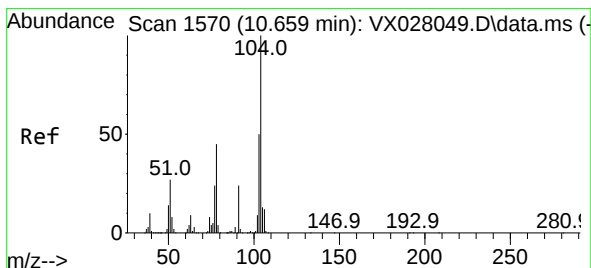
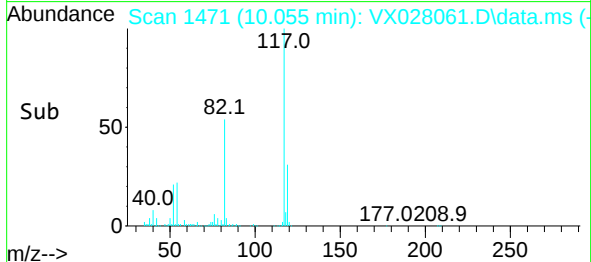
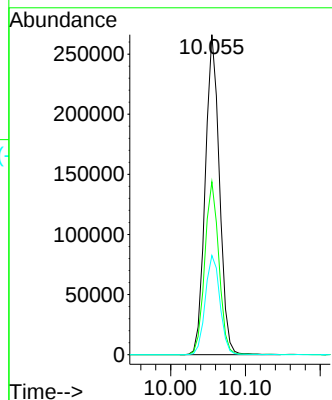
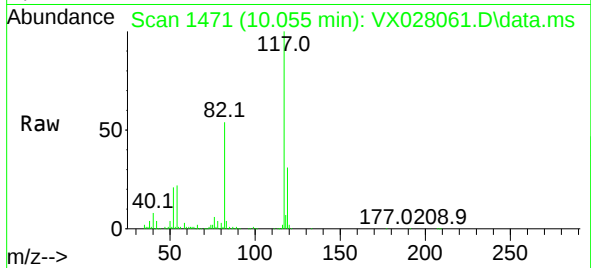




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

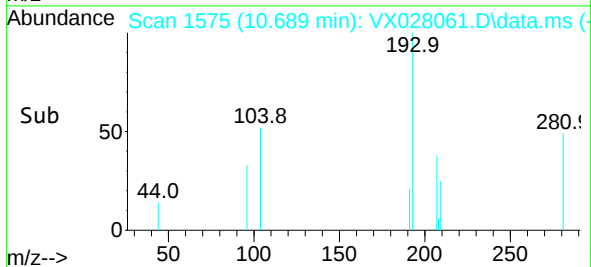
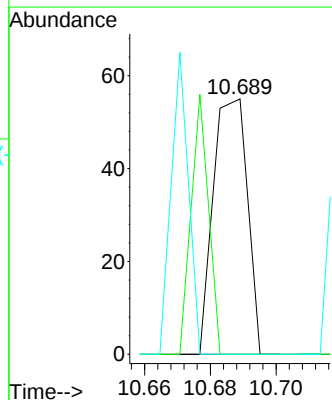
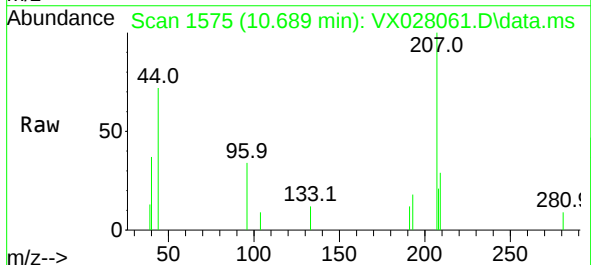
Instrument :
MSVOA_X
ClientSampleId :
FB040722

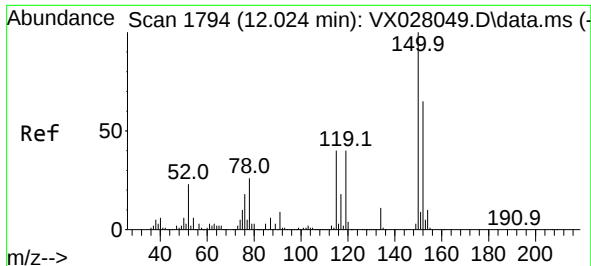
Tgt Ion:117 Resp: 350543
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.8
119 31.0 24.8 37.2



#70
Styrene
Concen: 4.708 ug/l
RT: 10.689 min Scan# 1575
Delta R.T. 0.030 min
Lab File: VX028061.D
Acq: 12 Apr 2022 17:10

Tgt Ion:104 Resp: 40
Ion Ratio Lower Upper
104 100
78 50.0 38.6 57.8
103 60.0 43.8 65.8

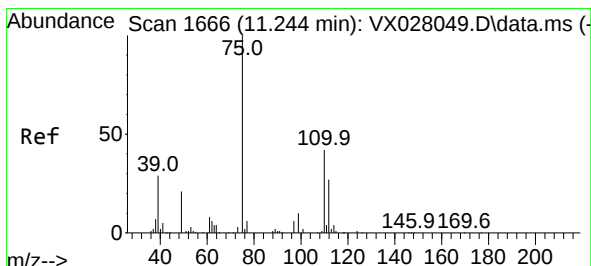
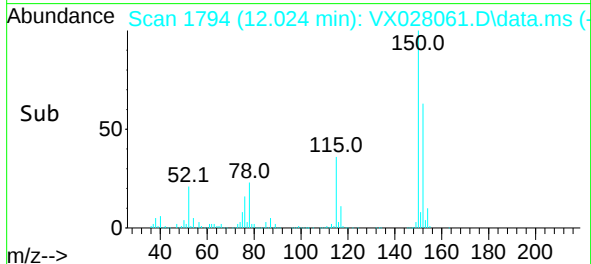
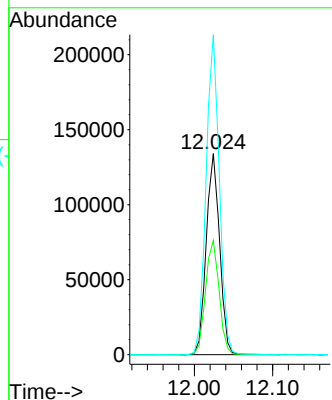
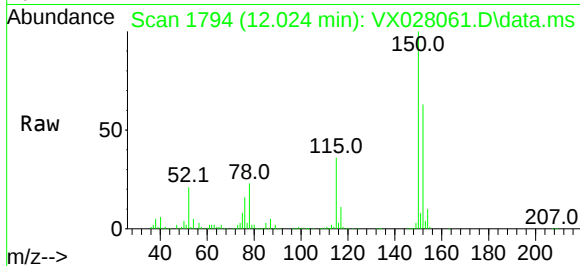




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028061.D
 Acq: 12 Apr 2022 17:10

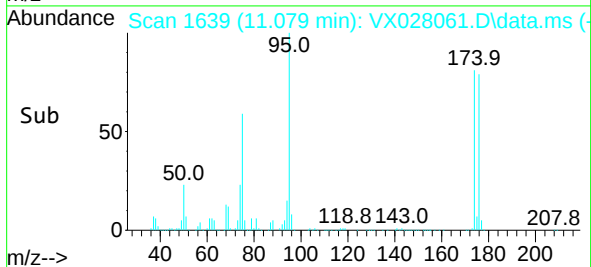
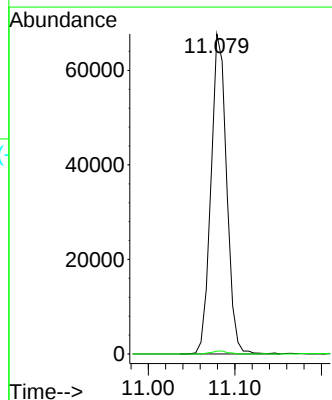
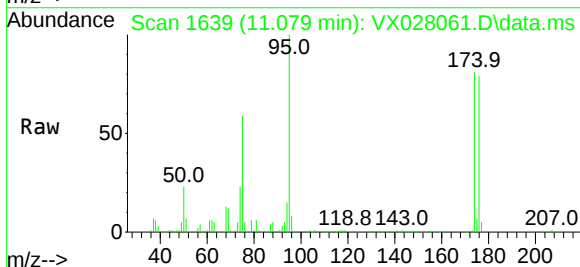
Instrument :
 MSVOA_X
 ClientSampleId :
 FB040722

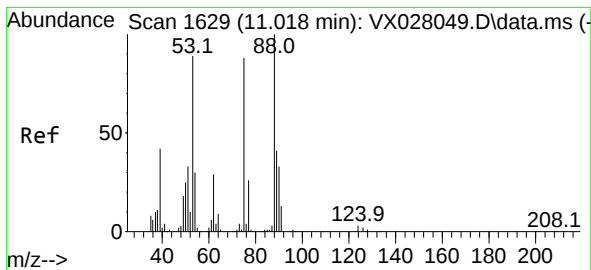
Tgt Ion:152 Resp: 158955
 Ion Ratio Lower Upper
 152 100
 115 57.9 37.5 112.7
 150 157.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.094 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028061.D
 Acq: 12 Apr 2022 17:10

Tgt Ion: 75 Resp: 85262
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.860 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028061.D
 Acq: 12 Apr 2022 17:10

Instrument :
 MSVOA_X
 ClientSampleId :
 FB040722

Tgt Ion: 75 Resp: 85262
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

