

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041322\
 Data File : VX028091.D
 Acq On : 13 Apr 2022 15:37
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 14 04:06:16 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)

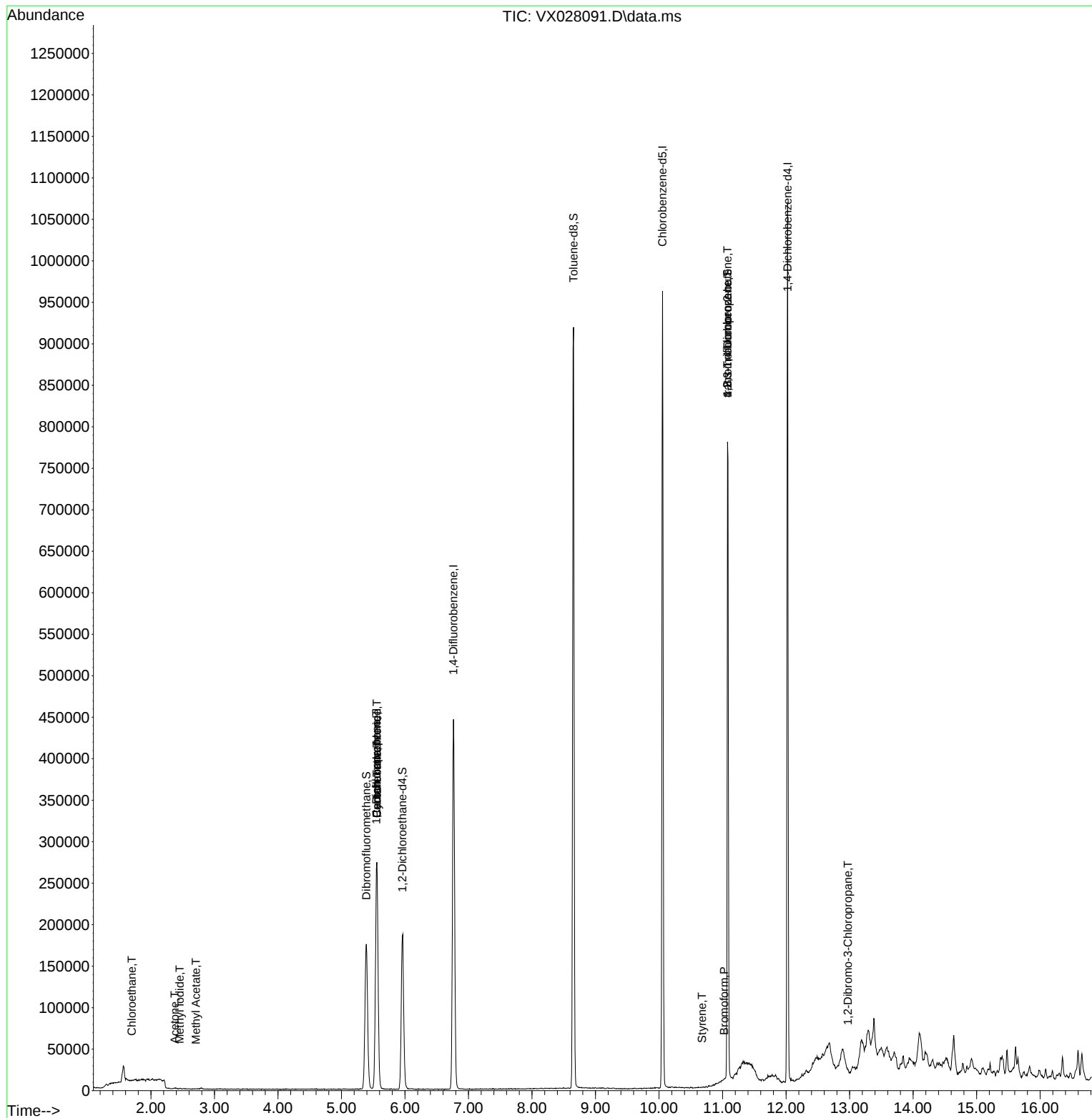
Internal Standards						
1) Pentafluorobenzene	5.556	168	263050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170353	47.735	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.460%		
35) Dibromofluoromethane	5.391	113	148226	49.915	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.840%		
50) Toluene-d8	8.653	98	540037	48.761	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	187044	45.232	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.460%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	1023	Below Cal	#	60
6) Chloroethane	1.697	64	548	2.788	ug/l #	63
10) Methyl Iodide	2.453	142	672	0.218	ug/l #	74
13) Acrolein	2.203	56	246	Below Cal	#	1
16) Acetone	2.373	43	1448	0.974	ug/l #	58
18) Methyl Acetate	2.709	43	867	0.219	ug/l #	62
31) Cyclohexane	5.556	56	6326	1.289	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	20844	4.599	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26507	5.478	ug/l #	15
70) Styrene	10.677	104	72	4.709	ug/l #	1
71) Bromoform	11.024	173	74	4.470	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	103522	23.377	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	103522	65.840	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.975	75	307	0.283	ug/l #	14

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

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MSVOA_X
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IBLK

Quant Time: Apr 14 04:06:16 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

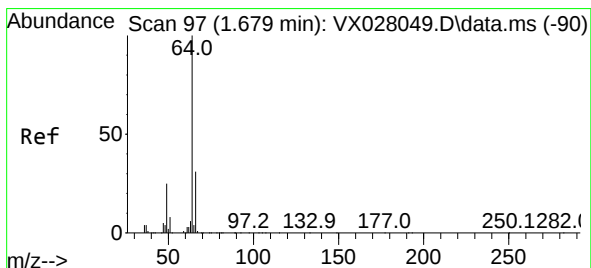
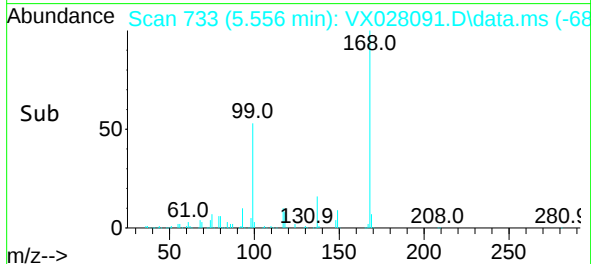
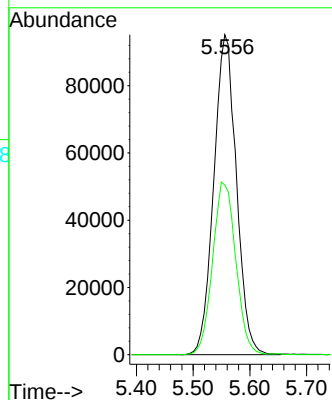
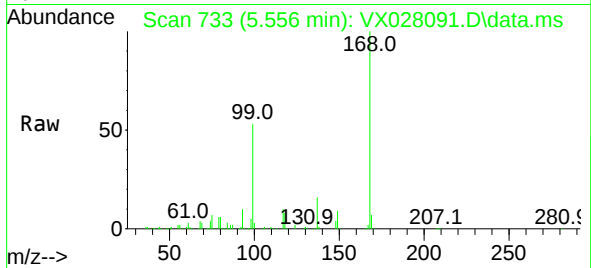




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

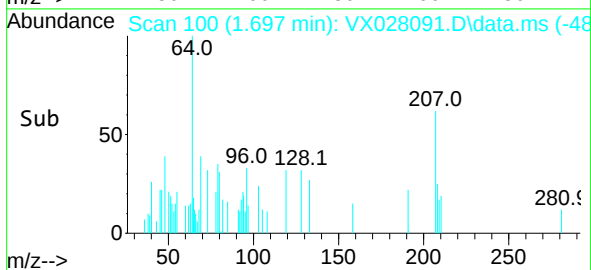
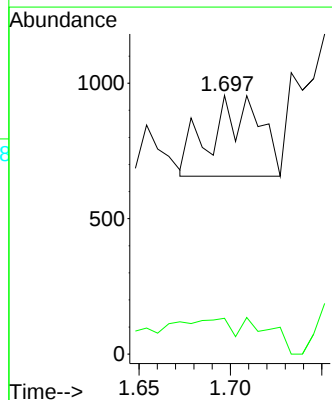
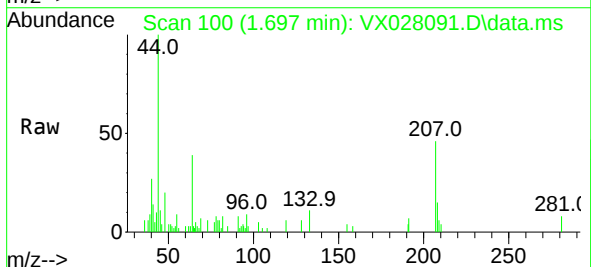
Instrument :
MSVOA_X
ClientSampleId :
IBLK

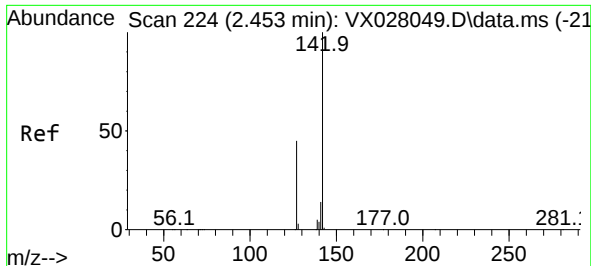
Tgt Ion:168 Resp: 263050
Ion Ratio Lower Upper
168 100
99 53.0 41.7 62.5



#6
Chloroethane
Concen: 2.788 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

Tgt Ion: 64 Resp: 548
Ion Ratio Lower Upper
64 100
66 11.1 25.3 37.9

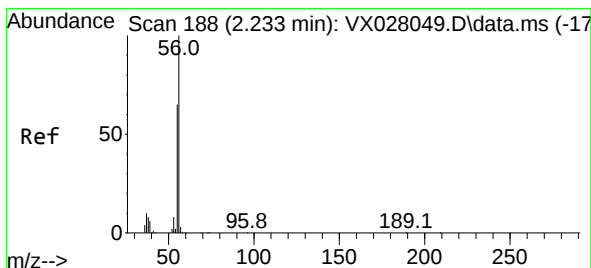
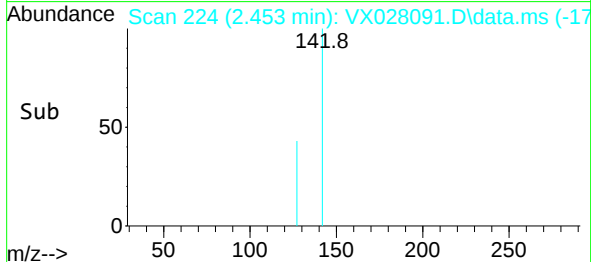
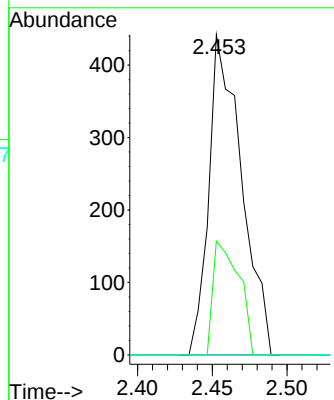
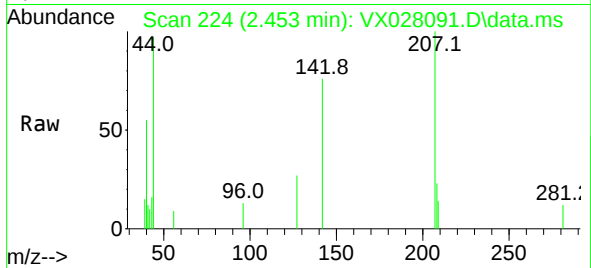




#10
Methyl Iodide
Concen: 0.218 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

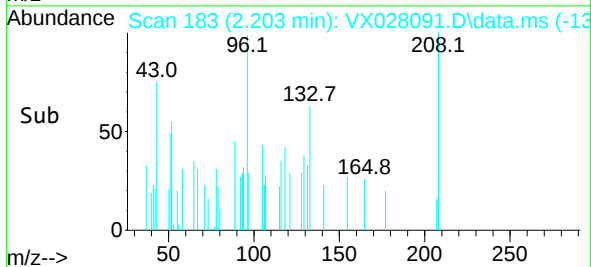
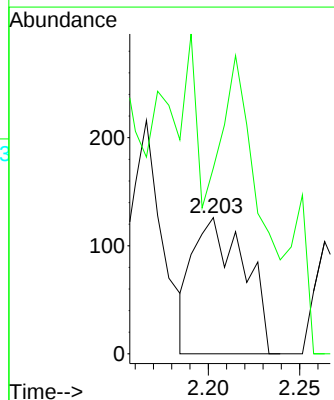
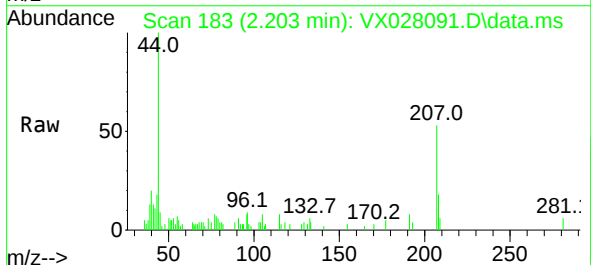
Instrument :
MSVOA_X
ClientSampleId :
IBLK

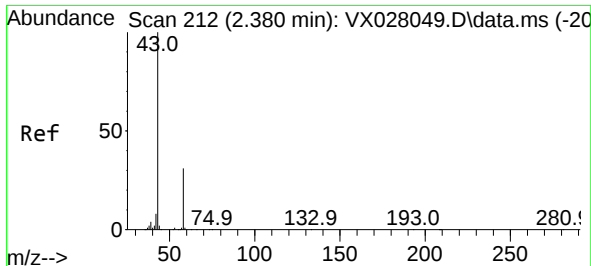
Tgt Ion:142 Resp: 672
Ion Ratio Lower Upper
142 100
127 28.1 33.9 50.9#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: Below Cal
RT: 2.203 min Scan# 183
Delta R.T. -0.030 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

Tgt Ion: 56 Resp: 246
Ion Ratio Lower Upper
56 100
55 189.4 55.0 82.6#

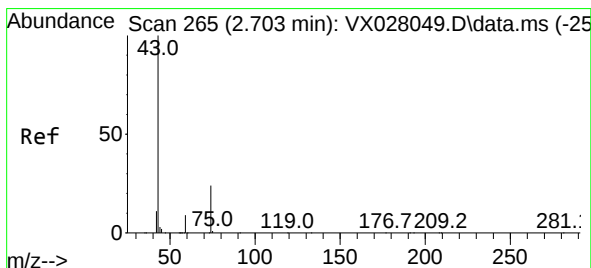
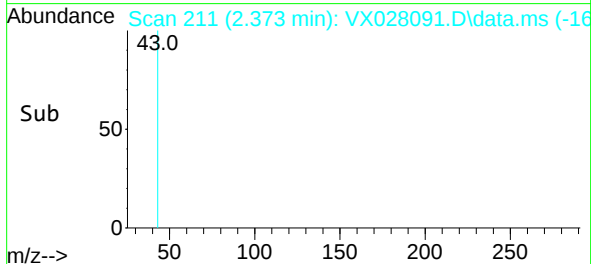
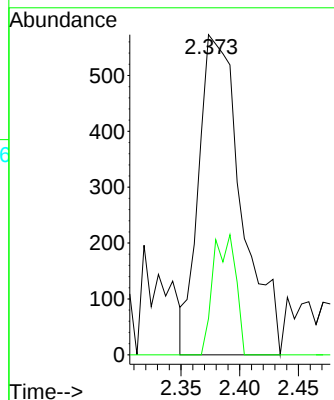
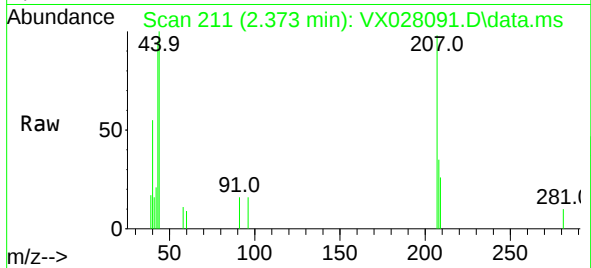




#16
Acetone
Concen: 0.974 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

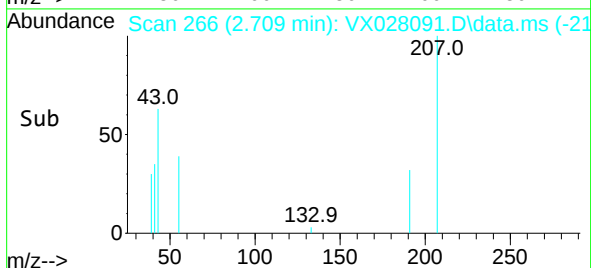
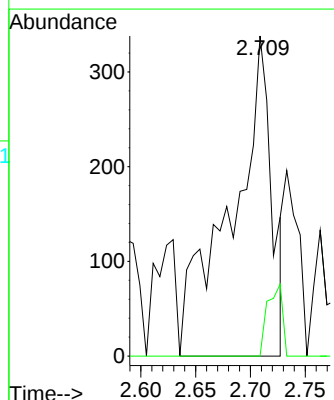
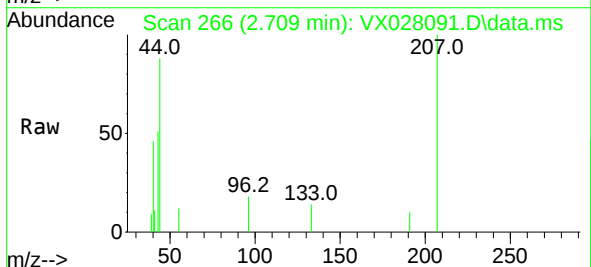
Instrument :
MSVOA_X
ClientSampleId :
IBLK

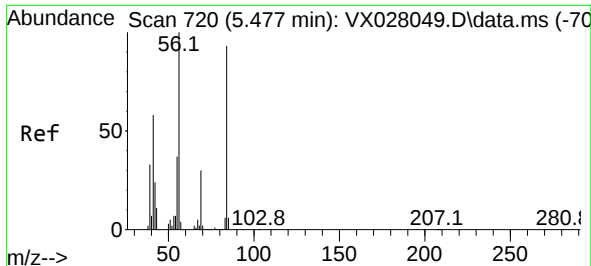
Tgt Ion: 43 Resp: 1448
Ion Ratio Lower Upper
43 100
58 11.3 28.8 43.2#



#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
74 8.2 22.8 34.2#

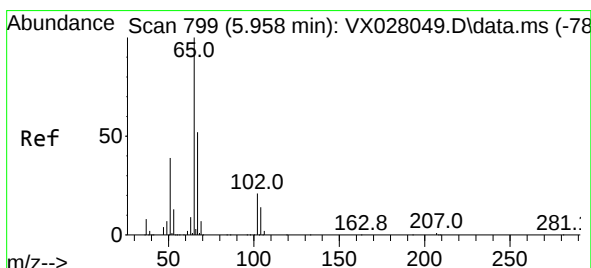
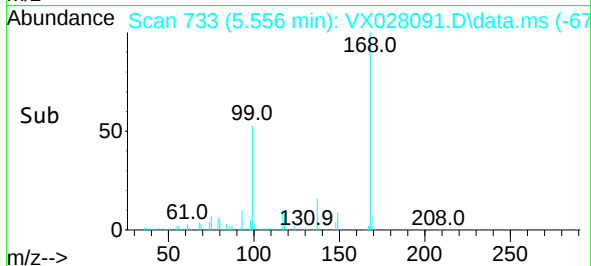
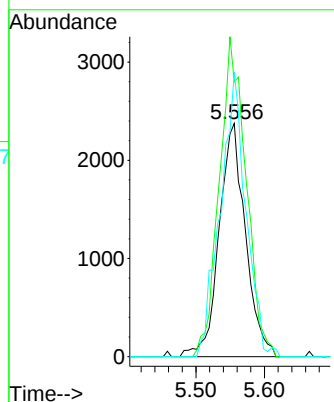
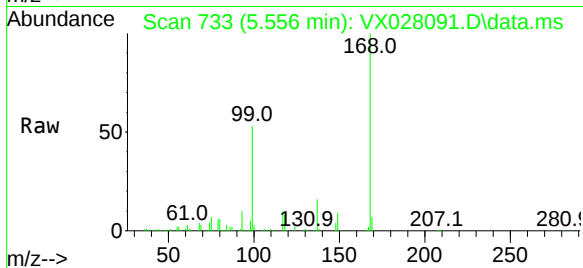




#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

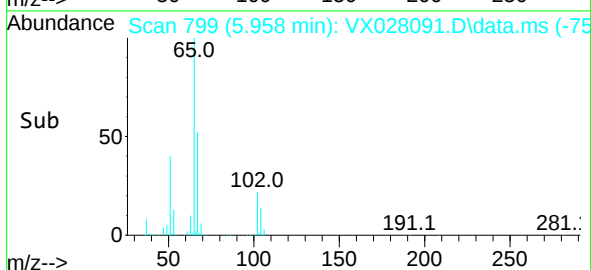
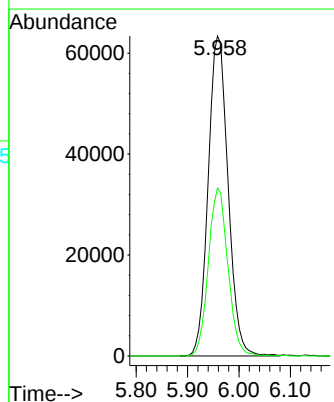
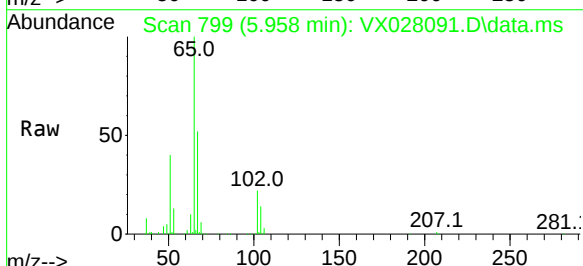
Instrument :
MSVOA_X
ClientSampleId :
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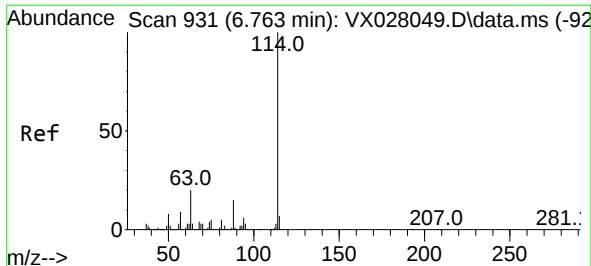
Tgt Ion: 56 Resp: 6326
Ion Ratio Lower Upper
56 100
69 117.9 26.7 40.1#
84 122.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.735 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

Tgt Ion: 65 Resp: 170353
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

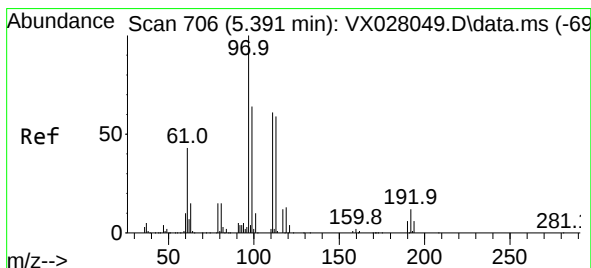
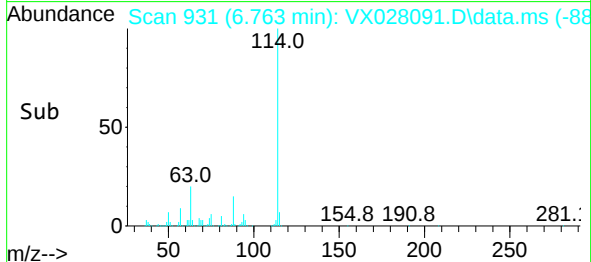
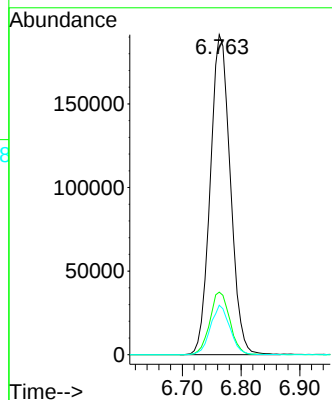
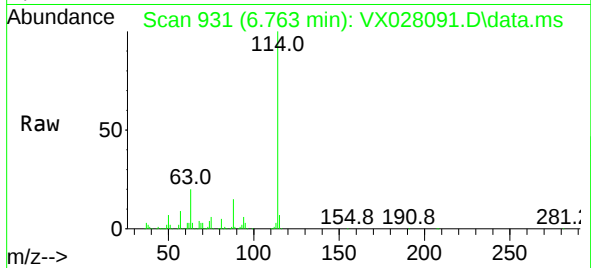




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

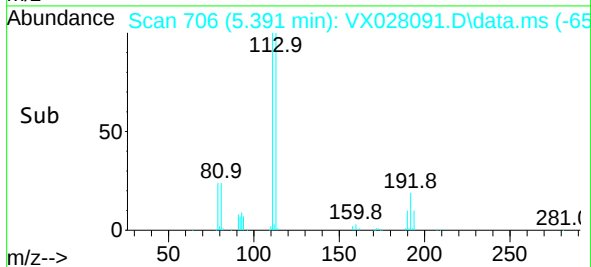
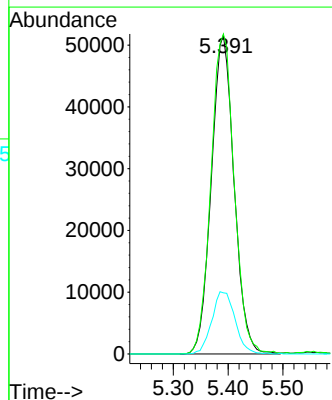
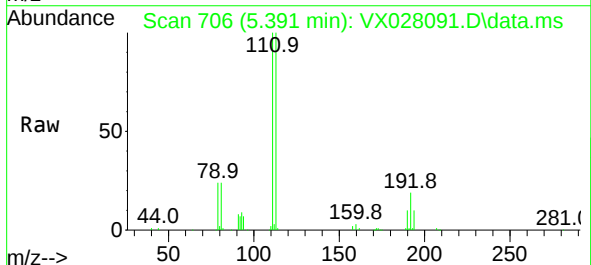
Instrument :
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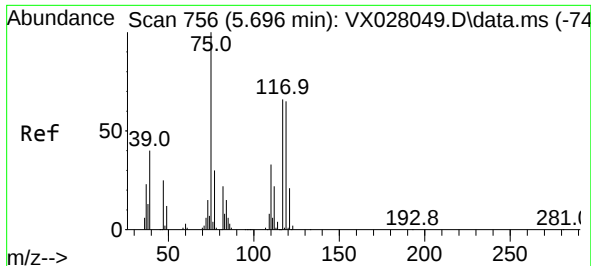
Tgt Ion:114 Resp: 453179
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.915 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

Tgt Ion:113 Resp: 148226
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 20.0 16.9 25.3

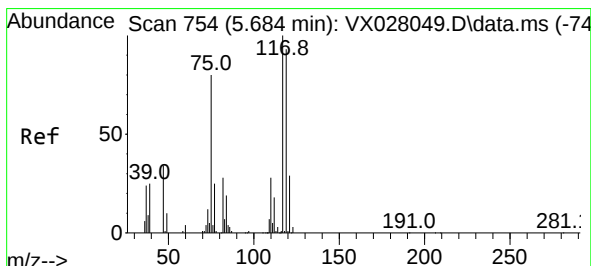
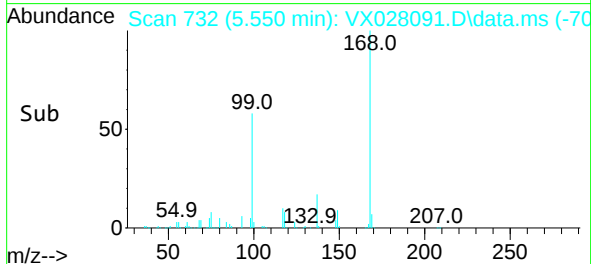
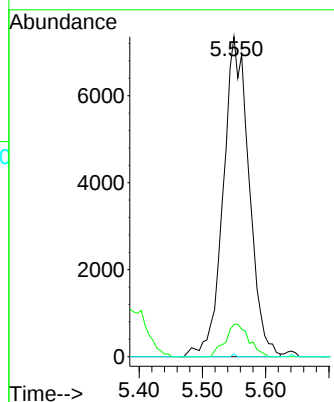
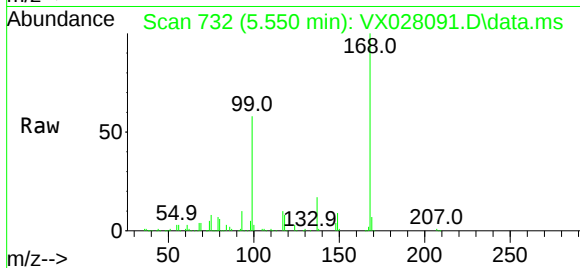




#36
1,1-Dichloropropene
Concen: 4.599 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

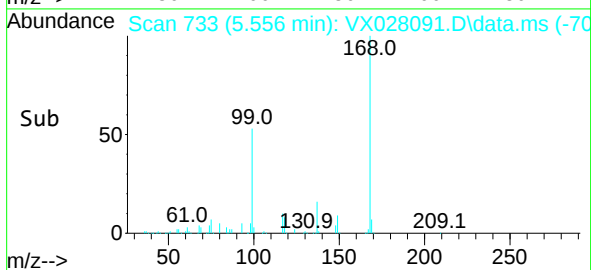
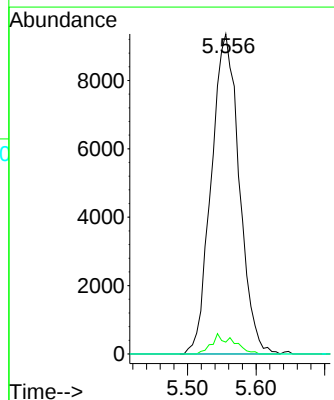
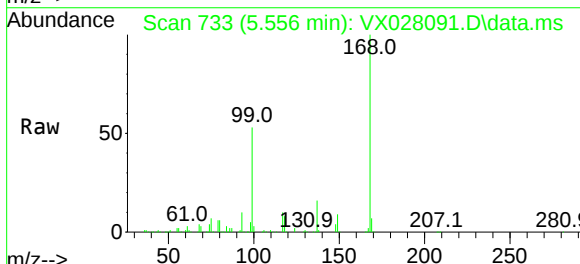
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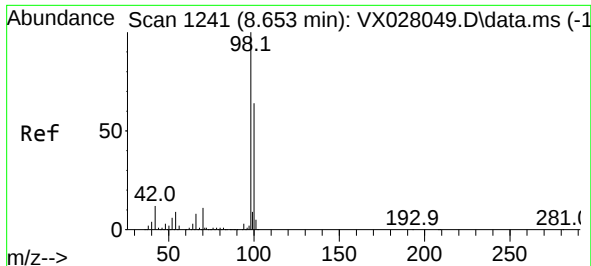
Tgt Ion: 75 Resp: 20844
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.1 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.478 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

Tgt Ion: 117 Resp: 26507
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.2 36.2#

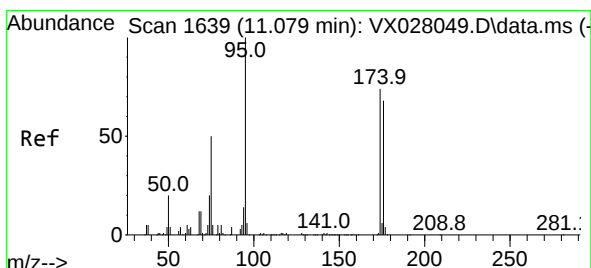
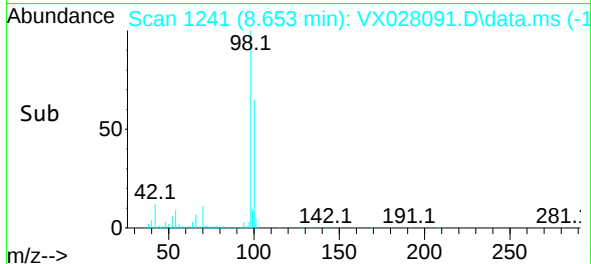
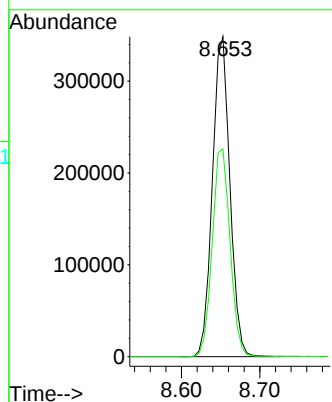
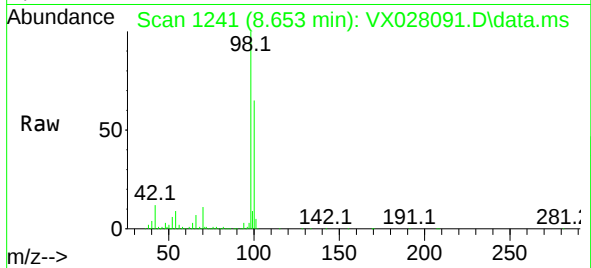




#50
Toluene-d8
Concen: 48.761 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

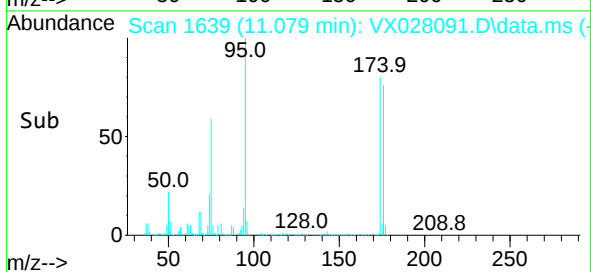
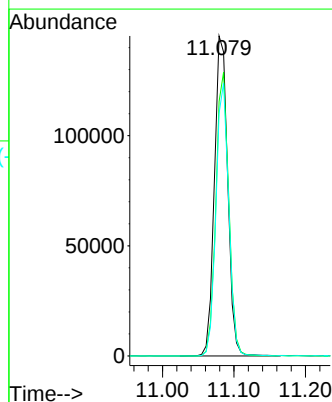
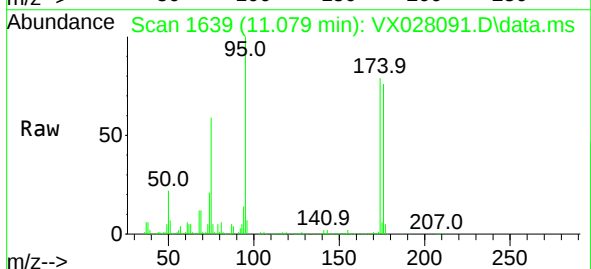
Instrument :
MSVOA_X
ClientSampleId :
IBLK

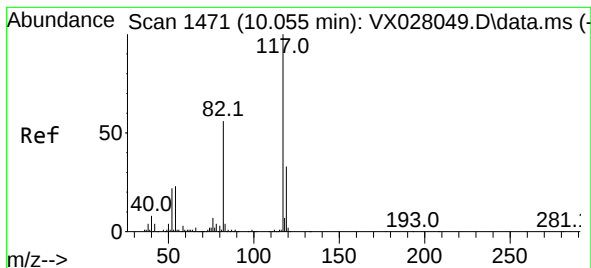
Tgt Ion: 98 Resp: 540037
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

Tgt Ion: 95 Resp: 187044
Ion Ratio Lower Upper
95 100
174 86.1 0.0 163.0
176 82.4 0.0 155.0

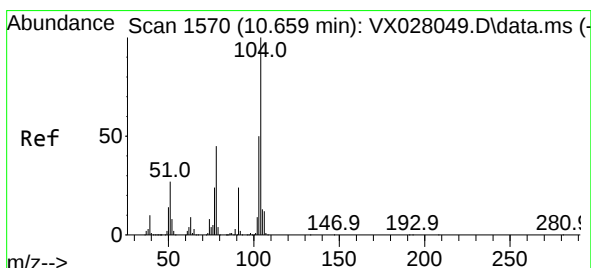
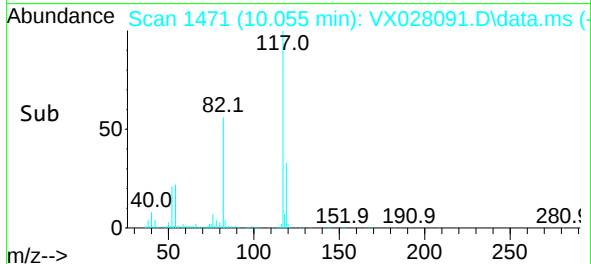
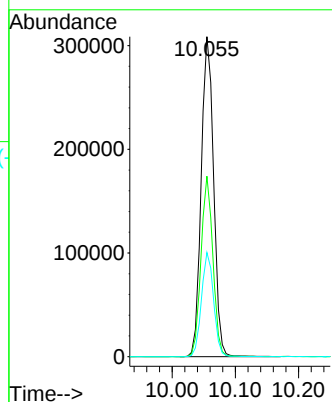
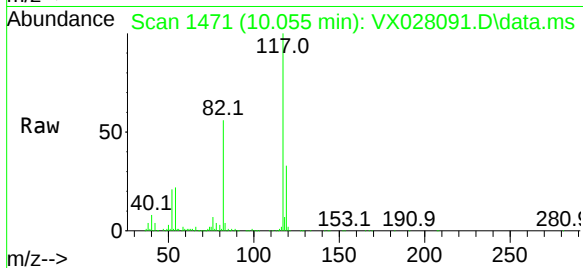




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

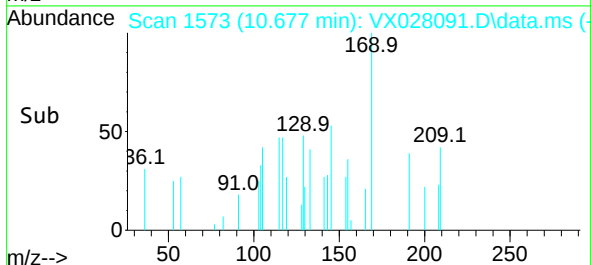
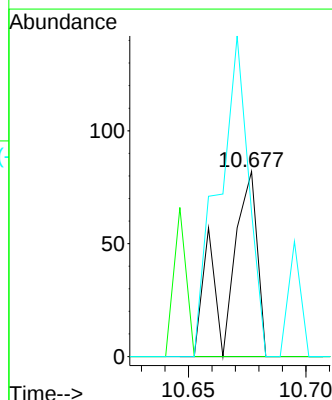
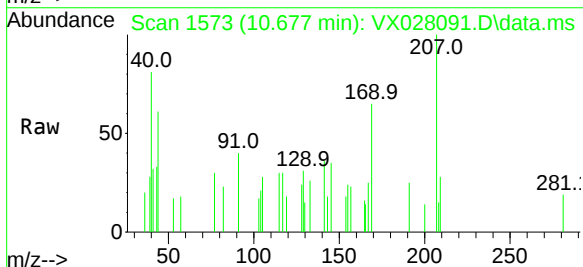
Instrument :
MSVOA_X
ClientSampleId :
IBLK

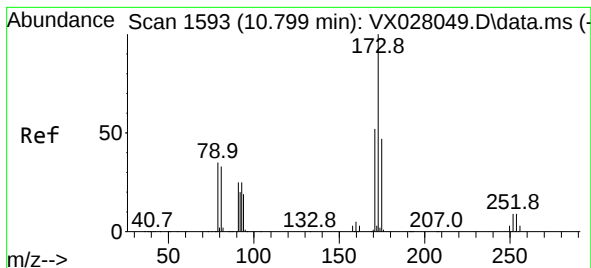
Tgt Ion:117 Resp: 422001
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.5 24.8 37.2



#70
Styrene
Concen: 4.709 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. 0.018 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

Tgt Ion:104 Resp: 72
Ion Ratio Lower Upper
104 100
78 0.0 38.6 57.8#
103 177.8 43.8 65.8#





#71

Bromoform

Concen: 4.470 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.225 min

Lab File: VX028091.D

Acq: 13 Apr 2022 15:37

Instrument :

MSVOA_X

ClientSampleId :

IBLK

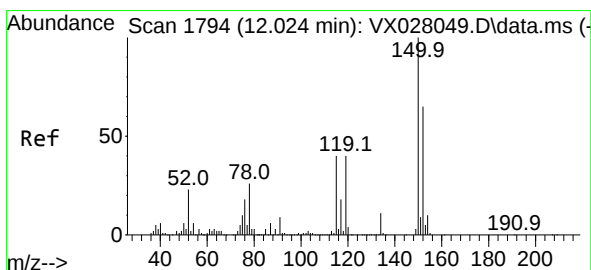
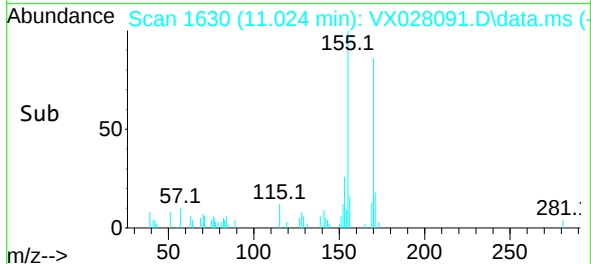
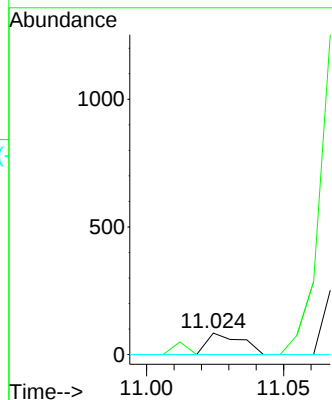
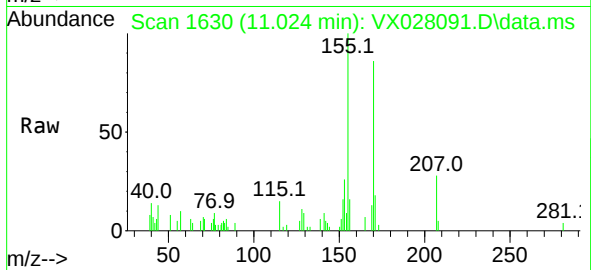
Tgt Ion:173 Resp: 74

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028091.D

Acq: 13 Apr 2022 15:37

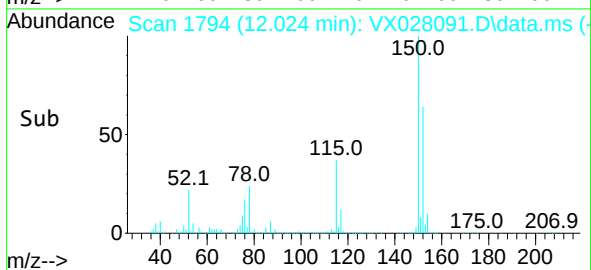
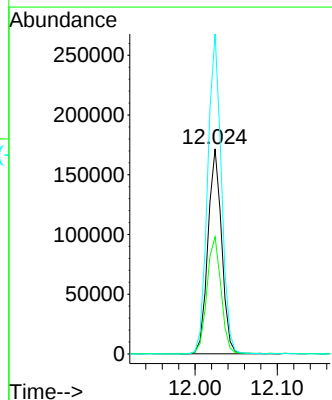
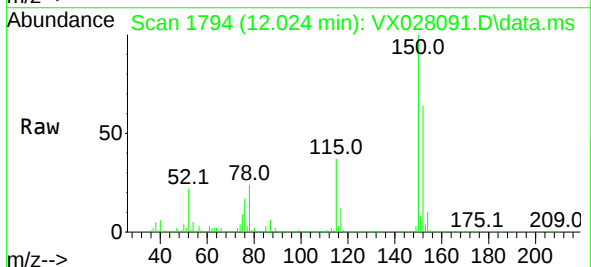
Tgt Ion:152 Resp: 198918

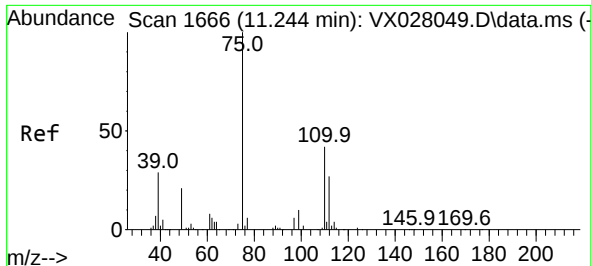
Ion Ratio Lower Upper

152 100

115 58.5 37.5 112.7

150 156.4 0.0 338.2

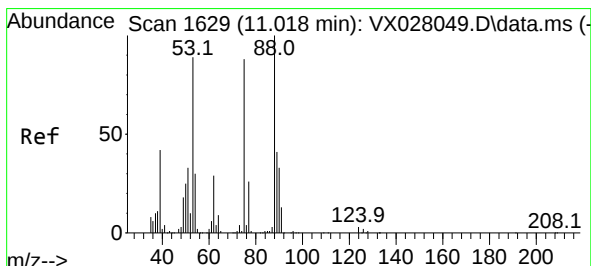
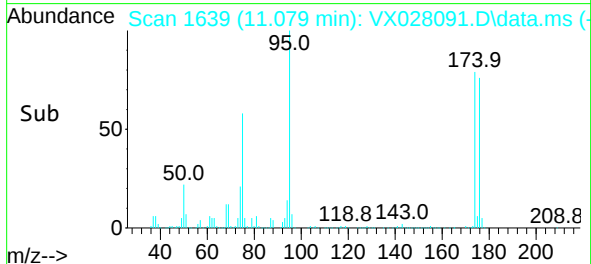
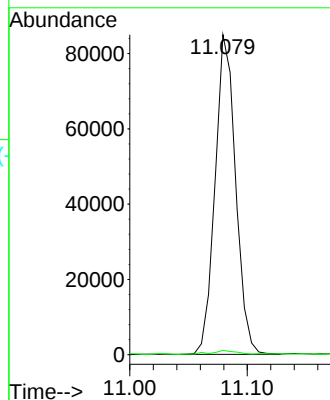
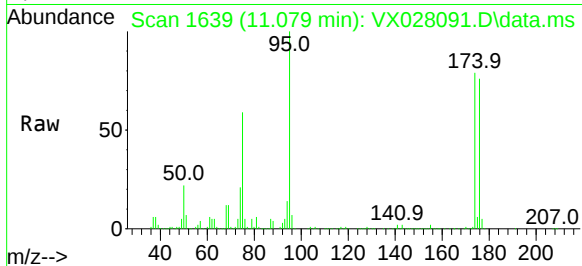




#76
1,2,3-Trichloropropane
Concen: 23.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

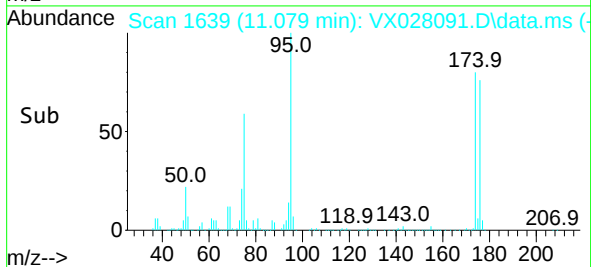
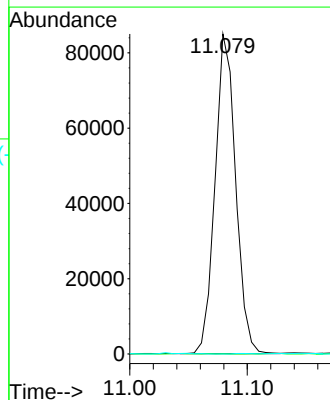
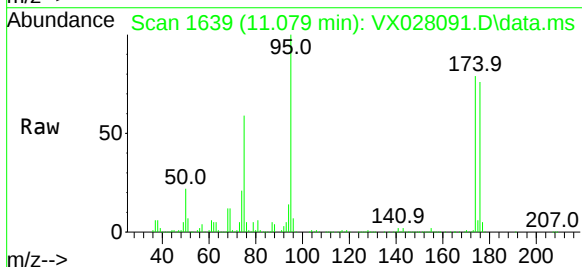
Instrument :
MSVOA_X
ClientSampleId :
IBLK

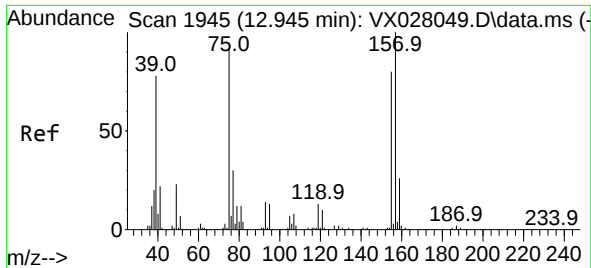
Tgt Ion: 75 Resp: 103522
Ion Ratio Lower Upper
75 100
77 1.5 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028091.D
Acq: 13 Apr 2022 15:37

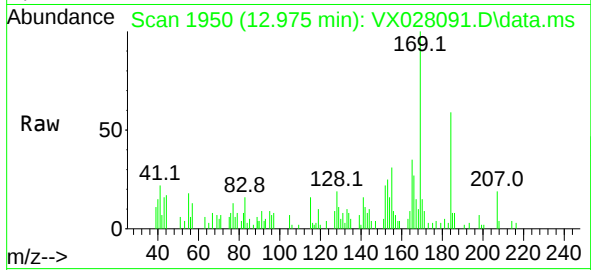
Tgt Ion: 75 Resp: 103522
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.283 ug/l
 RT: 12.975 min Scan# 1945
 Delta R.T. 0.030 min
 Lab File: VX028091.D
 Acq: 13 Apr 2022 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	75	Resp:	307
Ion	Ratio	Lower	Upper
75	100		
155	0.0	47.0	141.2#
157	32.2	57.9	173.6#

