

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041322\
 Data File : VX028090.D
 Acq On : 13 Apr 2022 15:14
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 14 04:06:02 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)

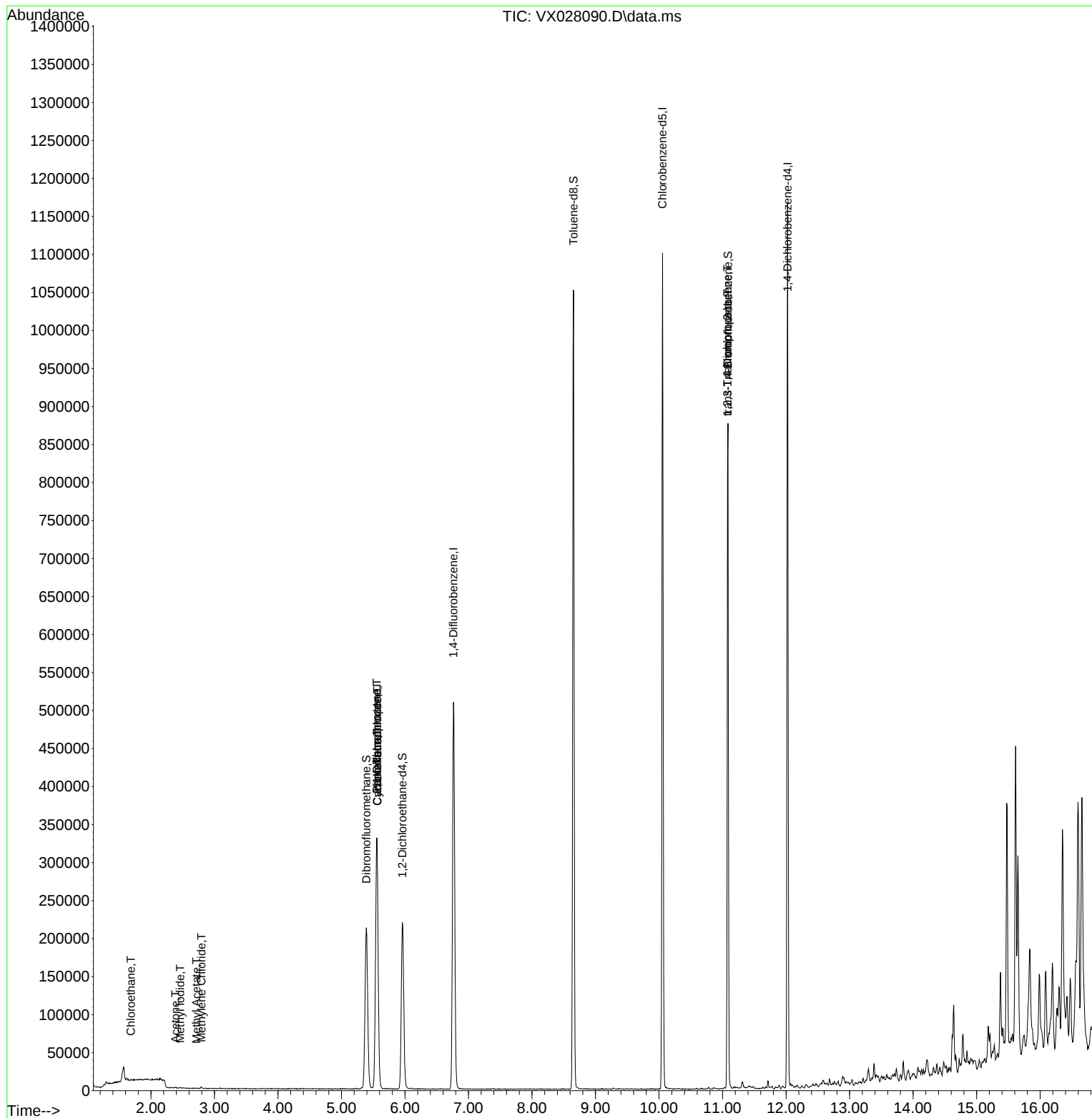
Internal Standards						
1) Pentafluorobenzene	5.556	168	312467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	528074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	472910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	211140	49.807	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.620%		
35) Dibromofluoromethane	5.391	113	180730	52.229	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.460%		
50) Toluene-d8	8.653	98	617868	47.877	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.760%		
62) 4-Bromofluorobenzene	11.085	95	211650	43.924	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.840%		
Target Compounds			Qvalue			
5) Bromomethane	1.618	94	1514	Below Cal		94
6) Chloroethane	1.685	64	345	2.701 ug/l #		43
10) Methyl Iodide	2.459	142	1059	0.289 ug/l #		97
13) Acrolein	2.203	56	473	Below Cal #		15
16) Acetone	2.386	43	1481	0.839 ug/l #		84
18) Methyl Acetate	2.715	43	1205	0.256 ug/l #		59
20) Methylene Chloride	2.794	84	873	0.248 ug/l #		90
31) Cyclohexane	5.562	56	7042	1.208 ug/l #		32
36) 1,1-Dichloropropene	5.556	75	25015	4.737 ug/l #		50
38) Carbon Tetrachloride	5.562	117	31608	5.606 ug/l #		16
76) 1,2,3-Trichloropropane	11.079	75	117214	23.558 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	117214	66.350 ug/l #		15

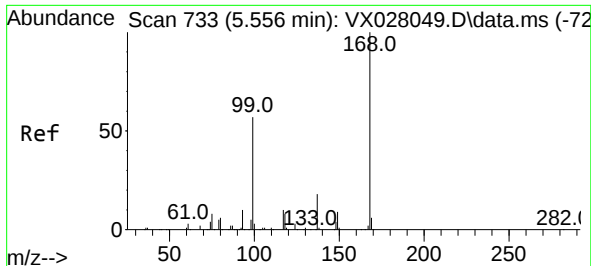
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041322\
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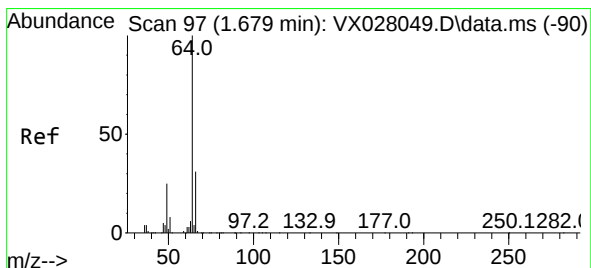
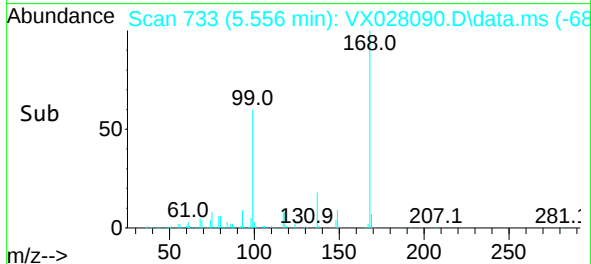
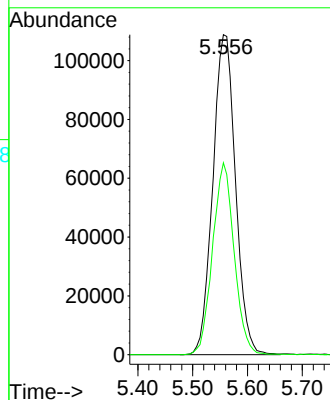
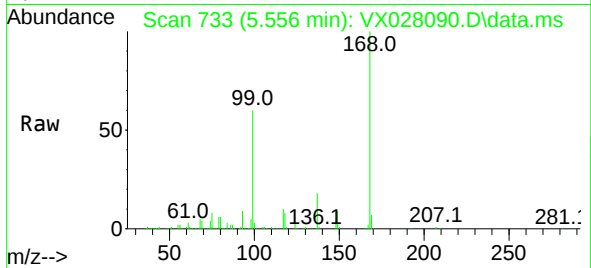




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

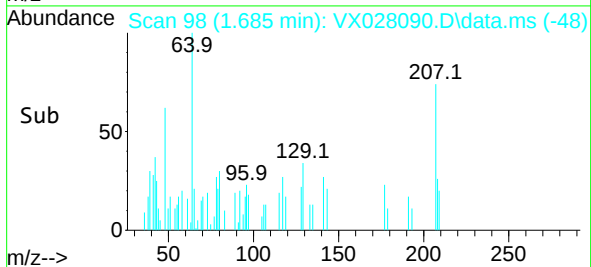
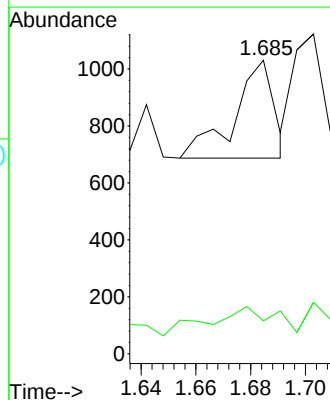
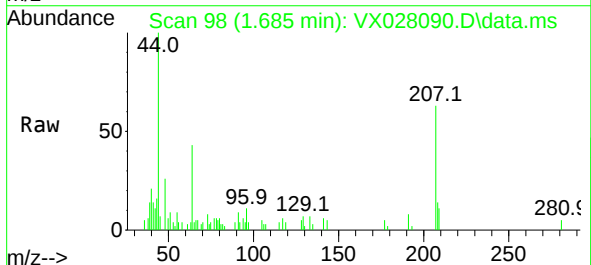
Instrument :
MSVOA_X
ClientSampleId :
IBLK

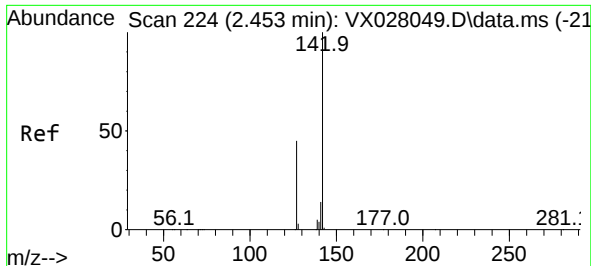
Tgt Ion:168 Resp: 312467
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#6
Chloroethane
Concen: 2.701 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

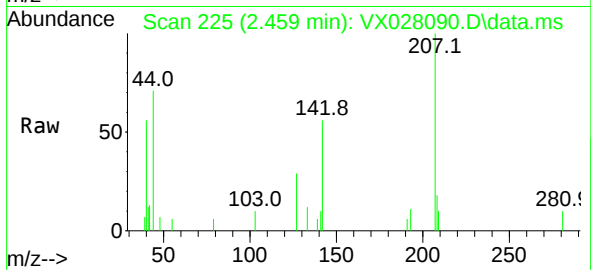
Tgt Ion: 64 Resp: 345
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



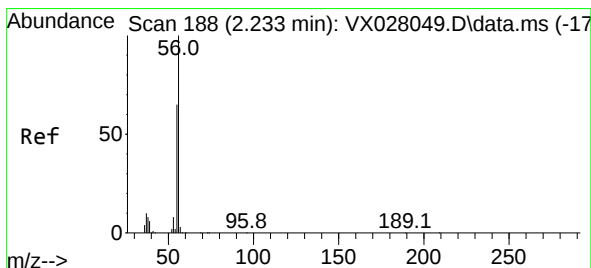
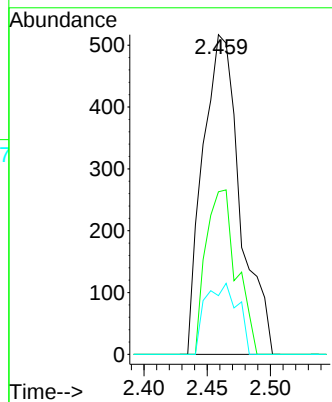
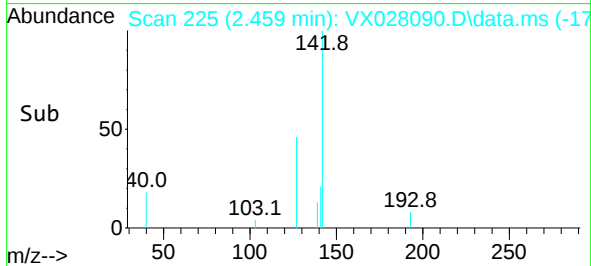


#10
Methyl Iodide
Concen: 0.289 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :
IBLK

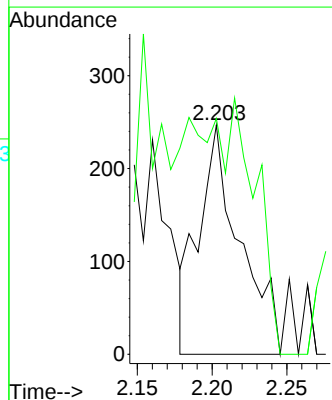
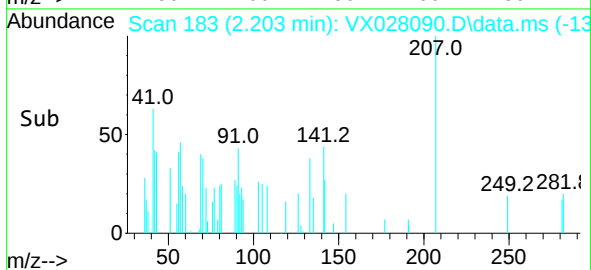
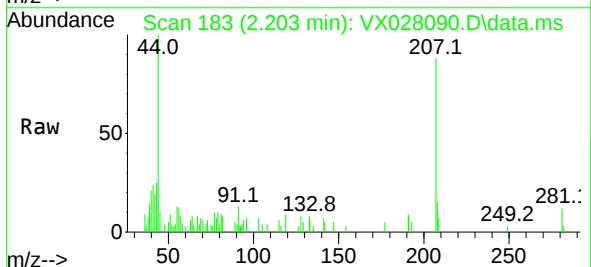


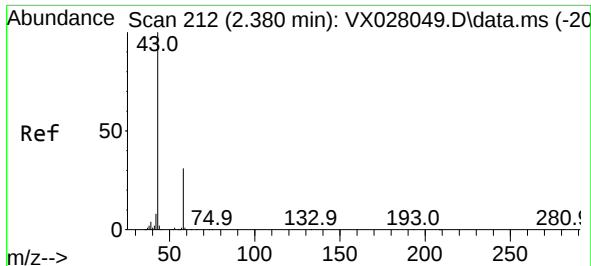
Tgt Ion:142 Resp: 1059
Ion Ratio Lower Upper
142 100
127 42.3 33.9 50.9
141 19.4 11.4 17.2#



#13
Acrolein
Concen: Below Cal
RT: 2.203 min Scan# 183
Delta R.T. -0.030 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

Tgt Ion: 56 Resp: 473
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#

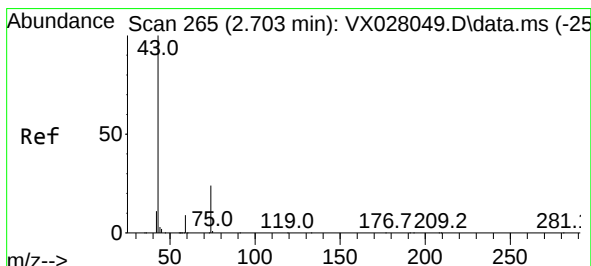
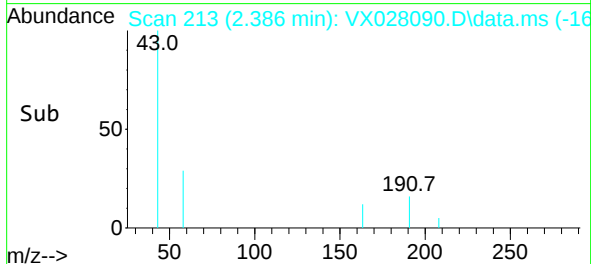
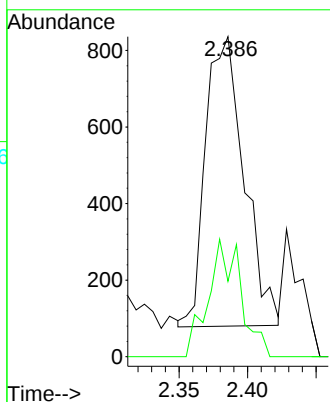
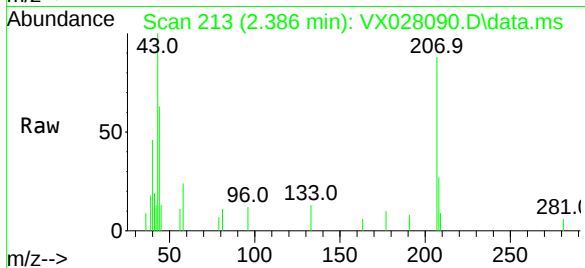




#16
Acetone
Concen: 0.839 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

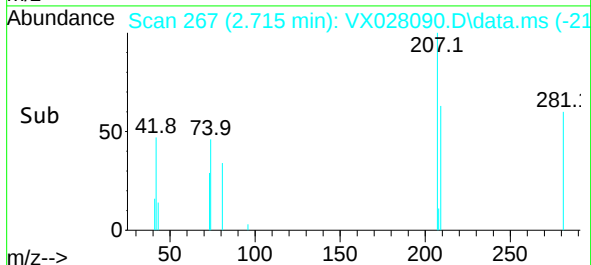
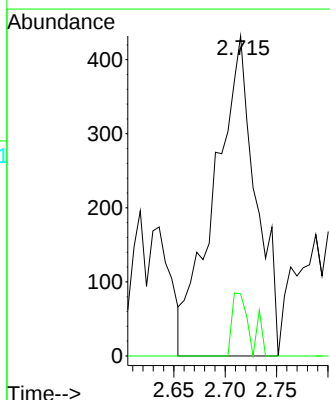
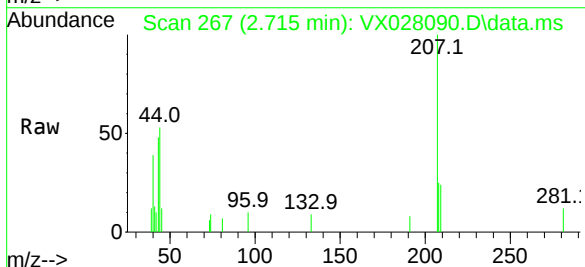
Instrument :
MSVOA_X
ClientSampleId :
IBLK

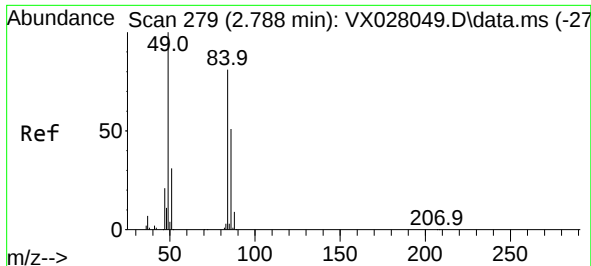
Tgt Ion: 43 Resp: 1481
Ion Ratio Lower Upper
43 100
58 26.5 28.8 43.2#



#18
Methyl Acetate
Concen: 0.256 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

Tgt Ion: 43 Resp: 1205
Ion Ratio Lower Upper
43 100
74 6.7 22.8 34.2#

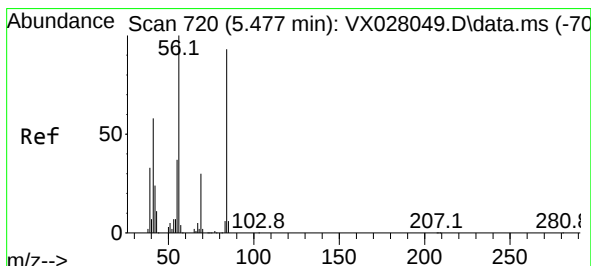
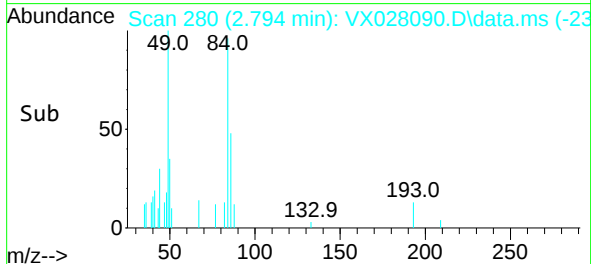
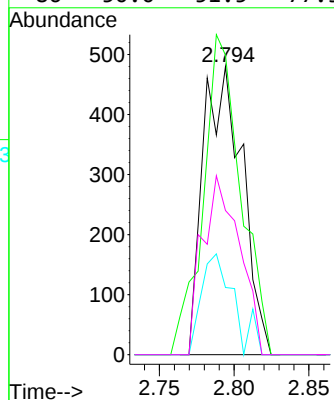
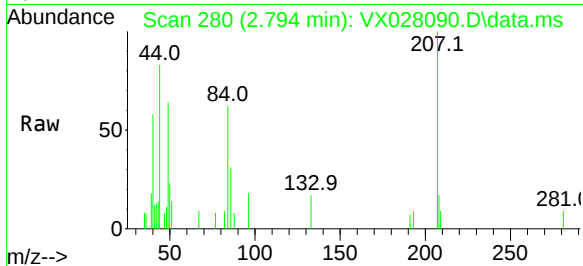




#20
Methylene Chloride
Concen: 0.248 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

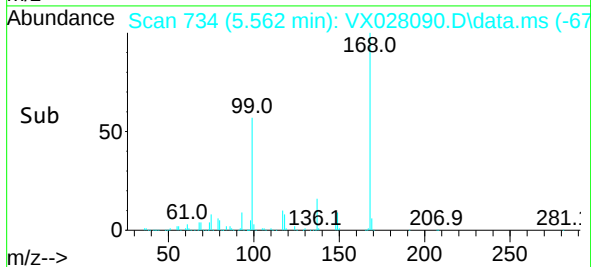
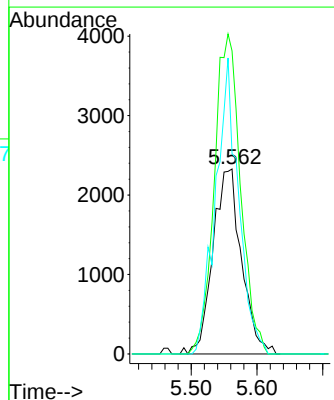
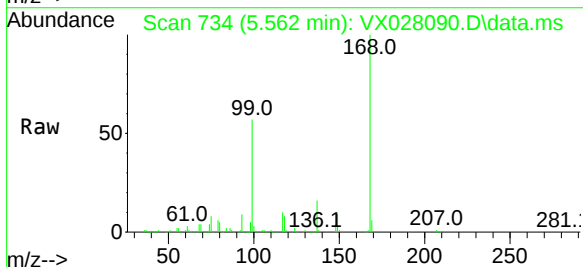
Instrument :
MSVOA_X
ClientSampleId :
IBLK

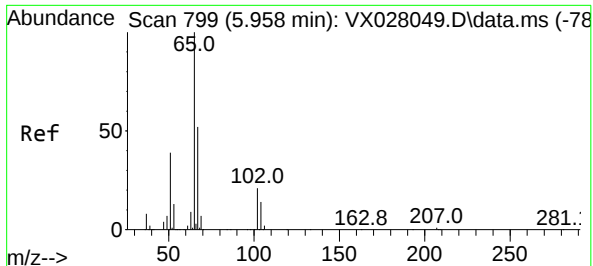
Tgt Ion:	84	Resp:	873
Ion	Ratio	Lower	Upper
84	100		
49	104.0	85.5	128.3
51	23.3	26.6	39.8#
86	50.0	51.5	77.3#



#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

Tgt Ion:	56	Resp:	7042
Ion	Ratio	Lower	Upper
56	100		
69	163.9	26.7	40.1#
84	108.3	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 49.807 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028090.D

Acq: 13 Apr 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

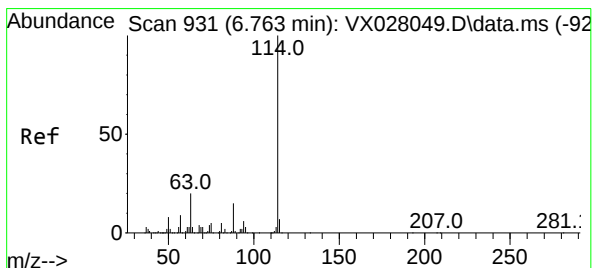
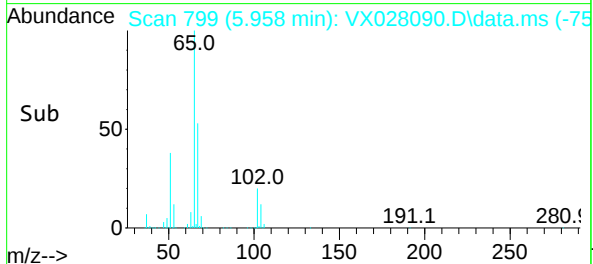
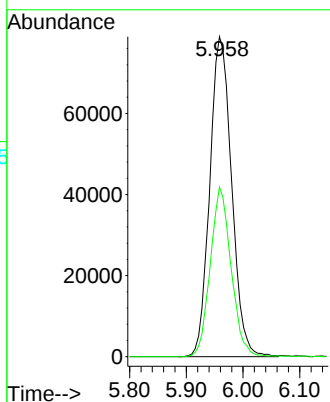
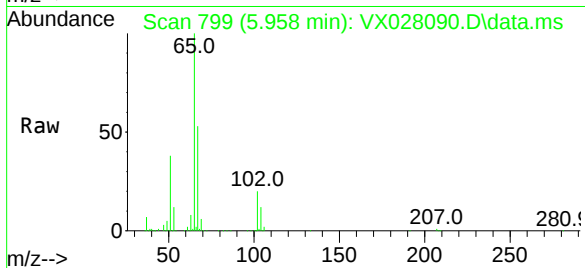
IBLK

Tgt Ion: 65 Resp: 211140

Ion Ratio Lower Upper

65 100

67 50.6 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: VX028090.D

Acq: 13 Apr 2022 15:14

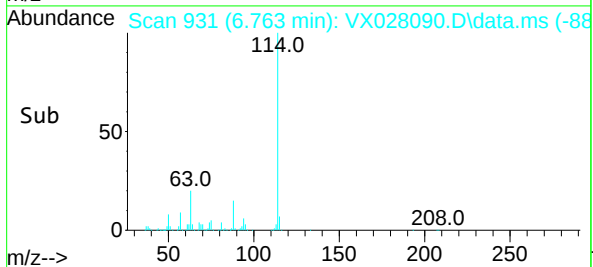
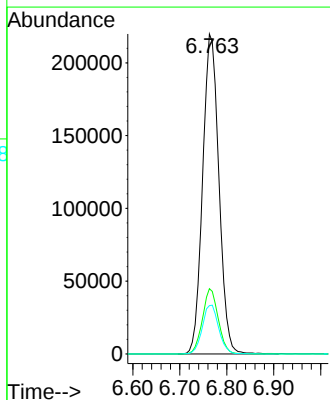
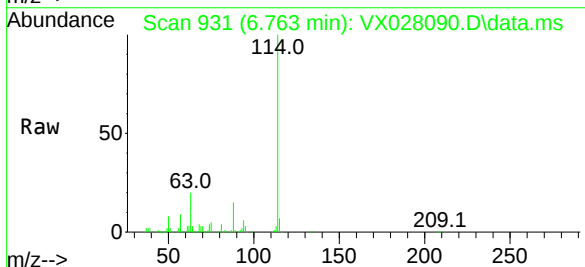
Tgt Ion: 114 Resp: 528074

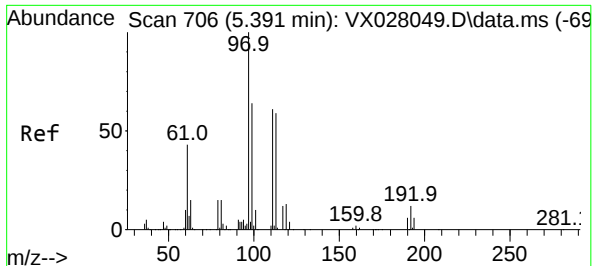
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.8

88 15.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.229 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX028090.D

Acq: 13 Apr 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

IBLK

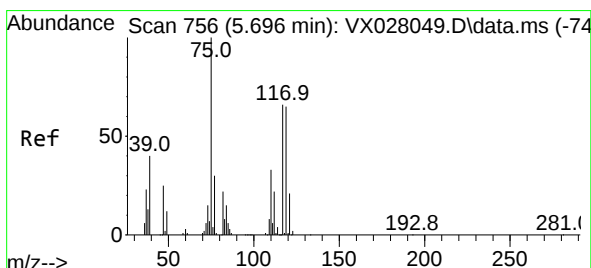
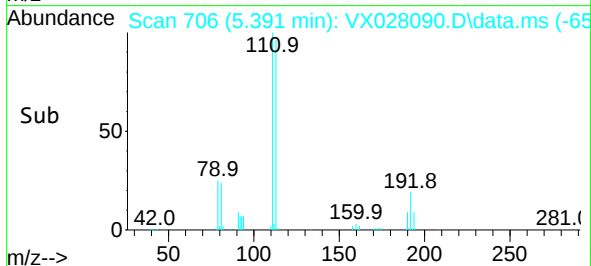
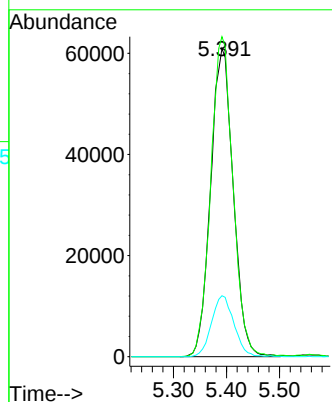
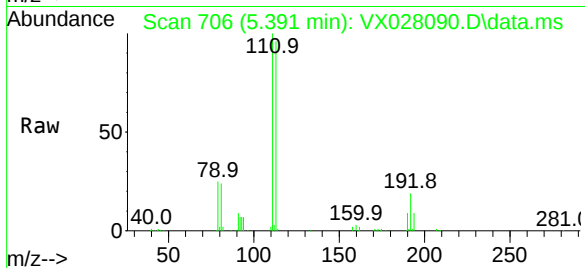
Tgt Ion:113 Resp: 180730

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

192 19.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.737 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX028090.D

Acq: 13 Apr 2022 15:14

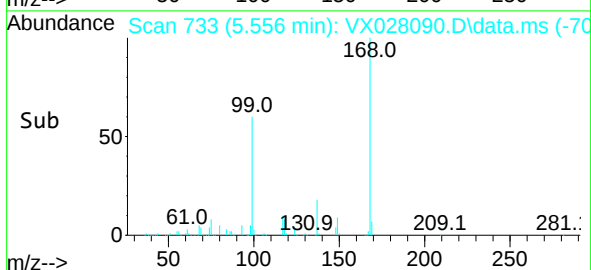
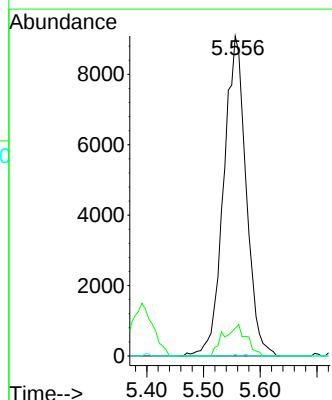
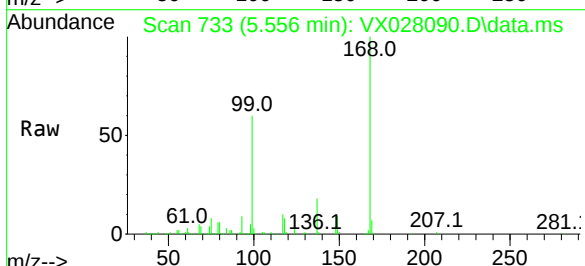
Tgt Ion: 75 Resp: 25015

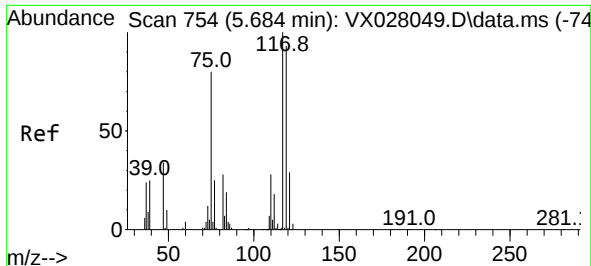
Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

77 0.1 24.8 37.2#

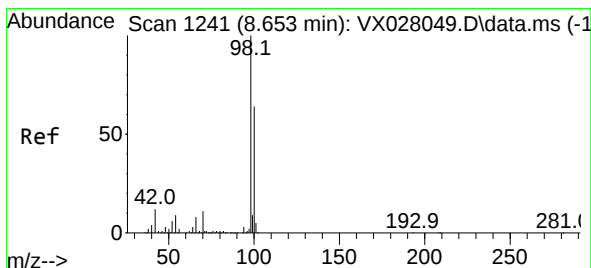
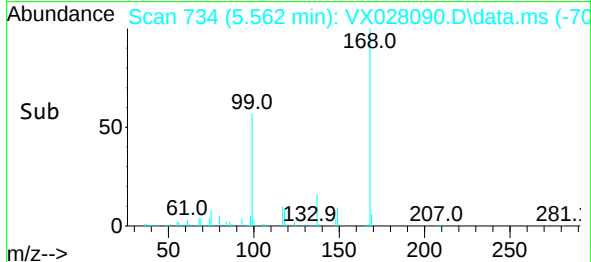
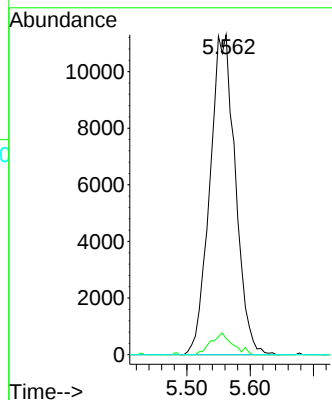
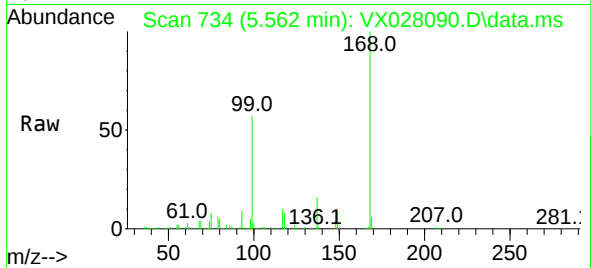




#38
Carbon Tetrachloride
Concen: 5.606 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

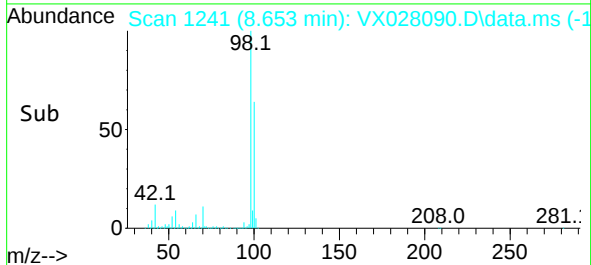
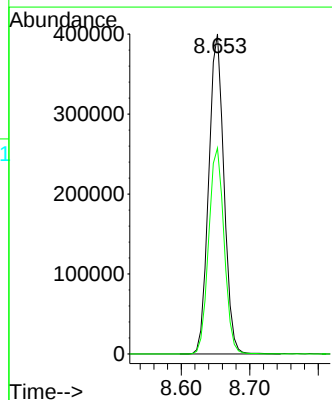
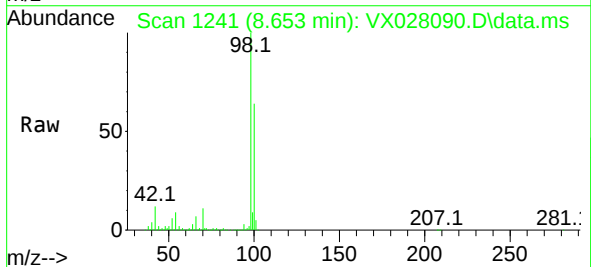
Instrument :
MSVOA_X
ClientSampleId :
IBLK

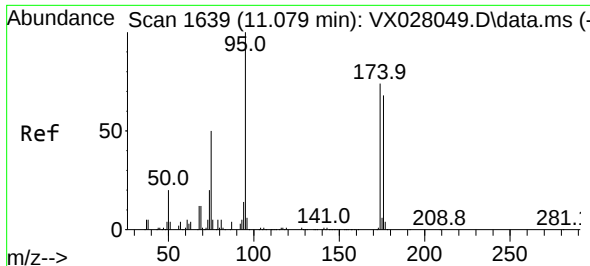
Tgt Ion:117 Resp: 31608
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.877 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

Tgt Ion: 98 Resp: 617868
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

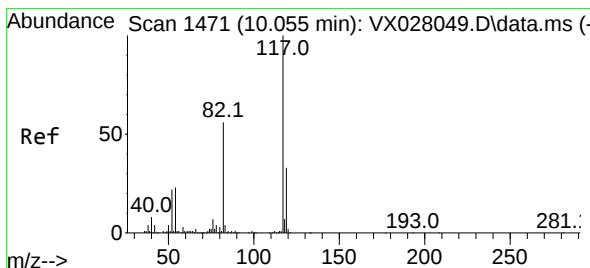
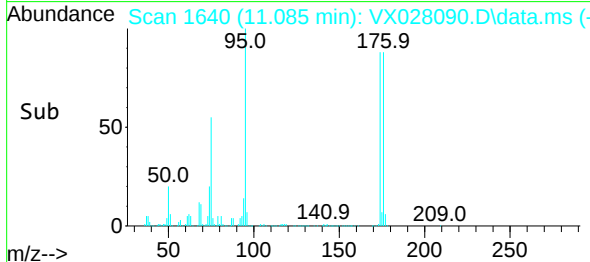
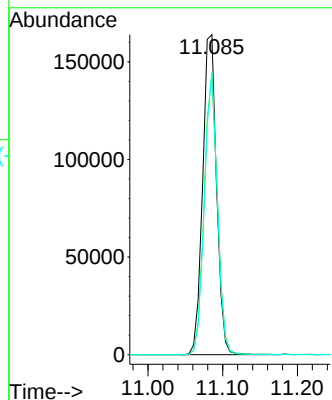
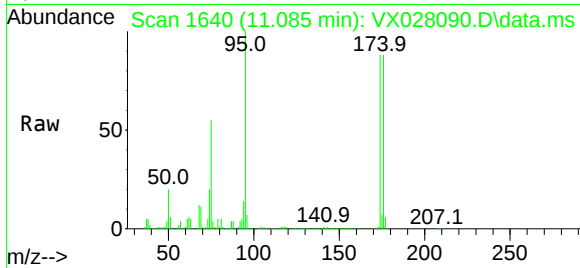




#62
4-Bromofluorobenzene
Concen: 43.924 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

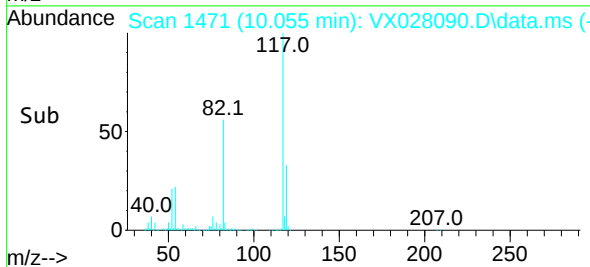
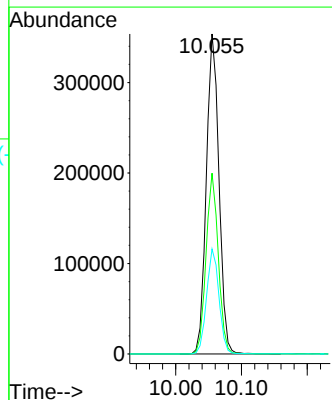
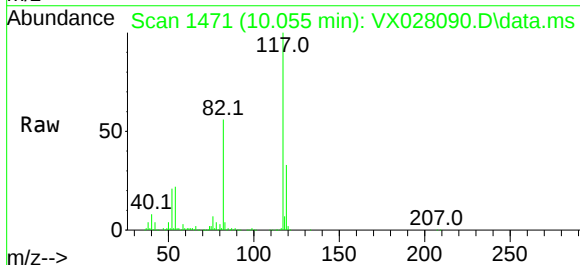
Instrument :
MSVOA_X
ClientSampleId :
IBLK

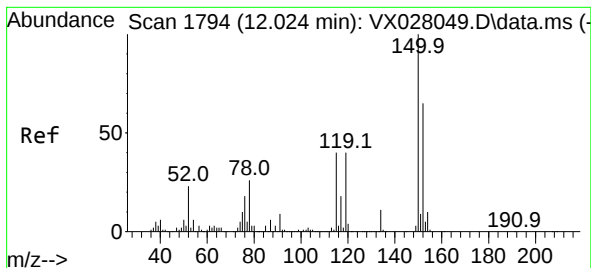
Tgt Ion: 95 Resp: 211650
Ion Ratio Lower Upper
95 100
174 84.1 0.0 163.0
176 82.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028090.D
Acq: 13 Apr 2022 15:14

Tgt Ion: 117 Resp: 472910
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.8 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: VX028090.D

Acq: 13 Apr 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

IBLK

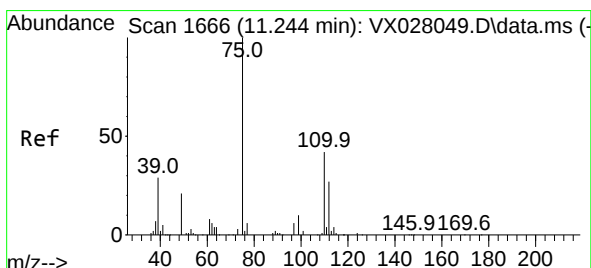
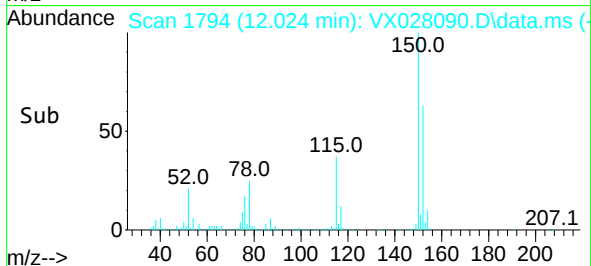
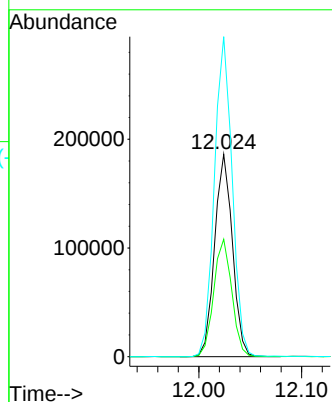
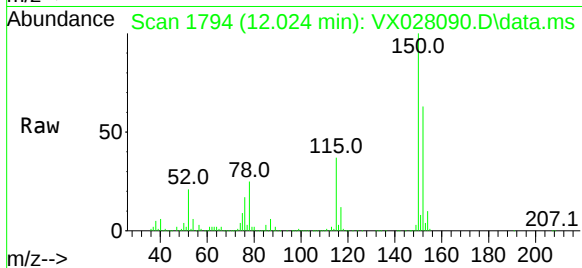
Tgt Ion:152 Resp: 223497

Ion Ratio Lower Upper

152 100

115 59.0 37.5 112.7

150 158.5 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 23.558 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX028090.D

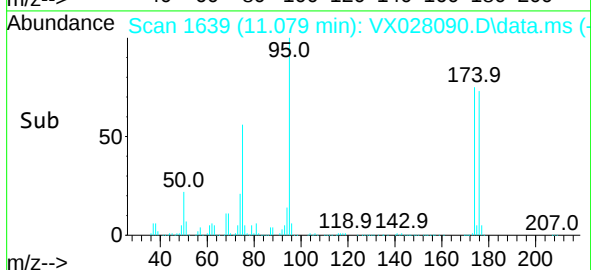
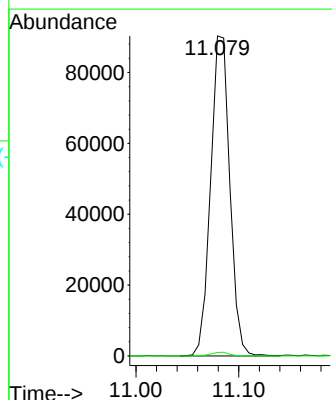
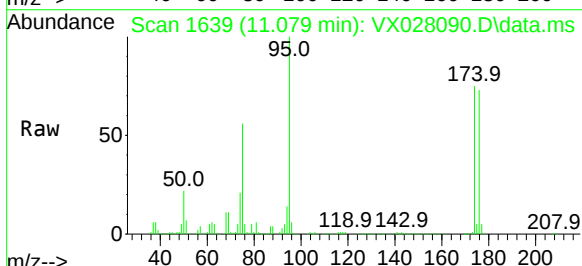
Acq: 13 Apr 2022 15:14

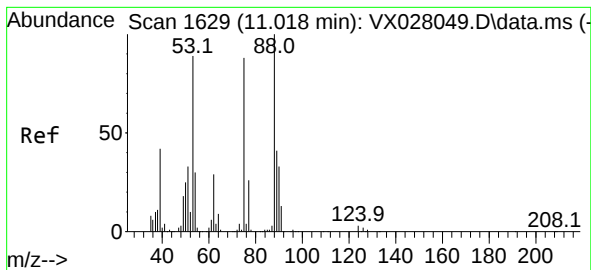
Tgt Ion: 75 Resp: 117214

Ion Ratio Lower Upper

75 100

77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.350 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028090.D
 Acq: 13 Apr 2022 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 117214
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

