

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028114.D
 Acq On : 14 Apr 2022 17:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 15 03:16:47 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)

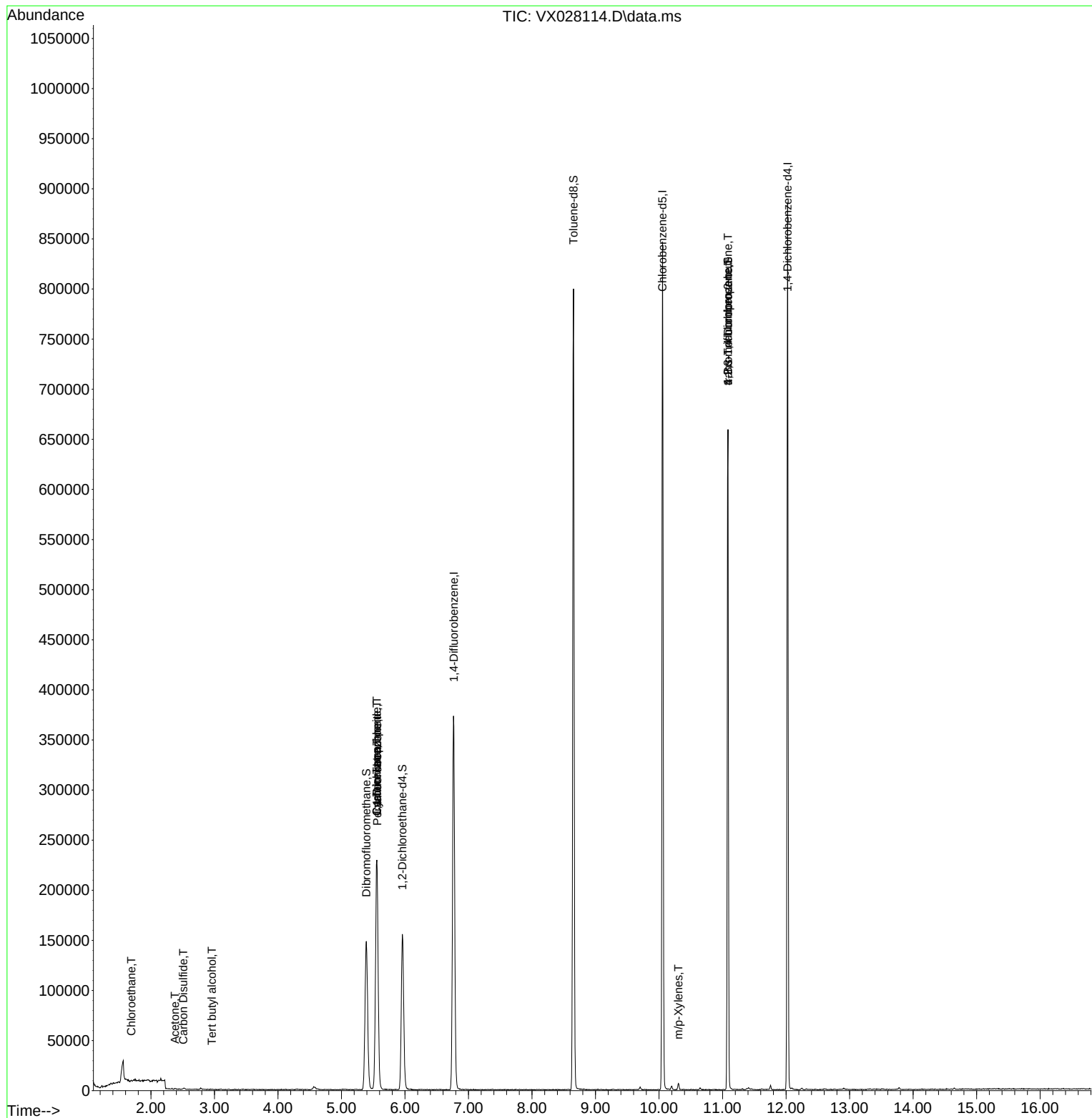
Internal Standards						
1) Pentafluorobenzene	5.562	168	224415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	386959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142136	46.685	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.360%		
35) Dibromofluoromethane	5.391	113	124954	49.279	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.560%		
50) Toluene-d8	8.653	98	468136	49.503	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.000%		
62) 4-Bromofluorobenzene	11.085	95	153596	43.500	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.000%		
Target Compounds			Qvalue			
5) Bromomethane	1.611	94	787	Below Cal		97
6) Chloroethane	1.691	64	293	2.719 ug/l #		82
11) Tert butyl alcohol	2.959	59	412	0.583 ug/l #		72
13) Acrolein	2.215	56	105	Below Cal #		1
16) Acetone	2.380	43	829	0.654 ug/l		93
17) Carbon Disulfide	2.508	76	1214	0.209 ug/l #		75
31) Cyclohexane	5.556	56	5414	1.293 ug/l #		31
36) 1,1-Dichloropropene	5.556	75	17660	4.563 ug/l #		50
38) Carbon Tetrachloride	5.556	117	21787	5.273 ug/l #		15
68) m/p-Xylenes	10.305	106	1677	0.288 ug/l		95
76) 1,2,3-Trichloropropane	11.085	75	85939	23.241 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.085	75	85939	65.457 ug/l #		15

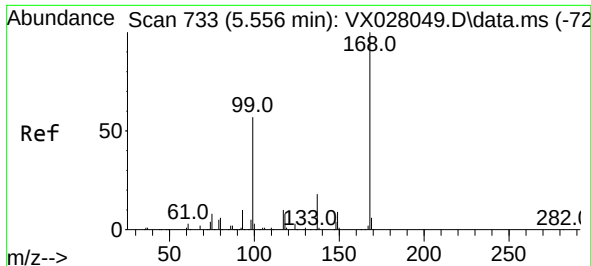
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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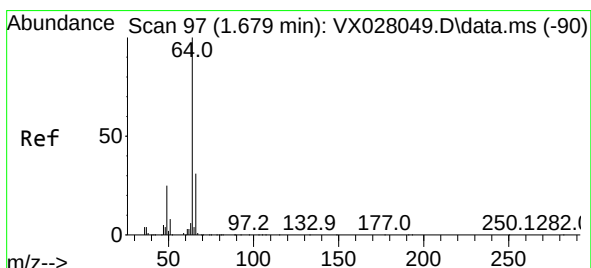
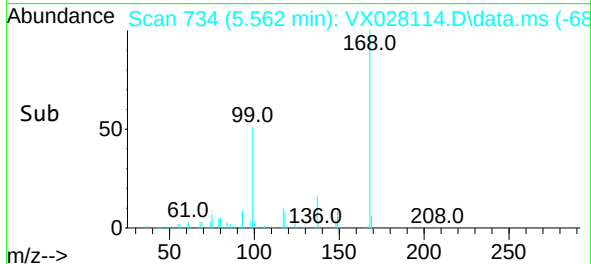
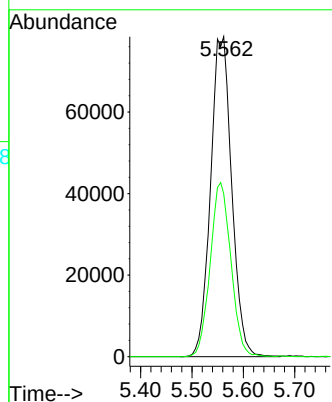
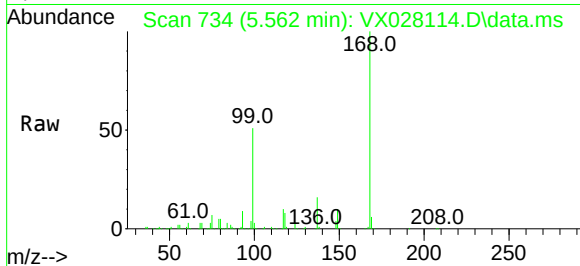




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

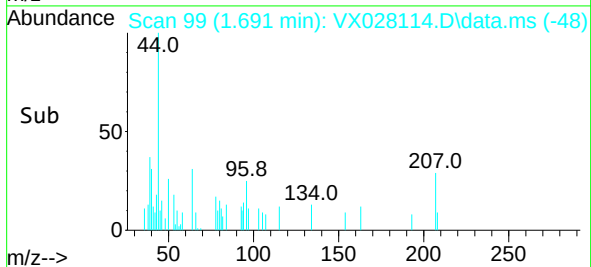
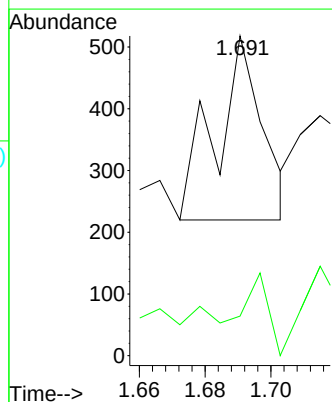
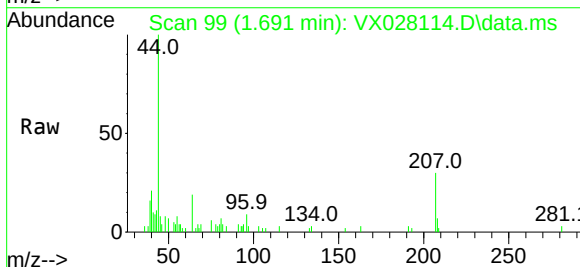
Instrument :
MSVOA_X
ClientSampleId :
IBLK

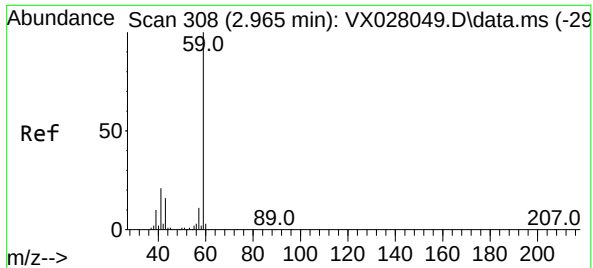
Tgt Ion:168 Resp: 224415
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5



#6
Chloroethane
Concen: 2.719 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 21.5 25.3 37.9





#11

Tert butyl alcohol

Concen: 0.583 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX028114.D

Acq: 14 Apr 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

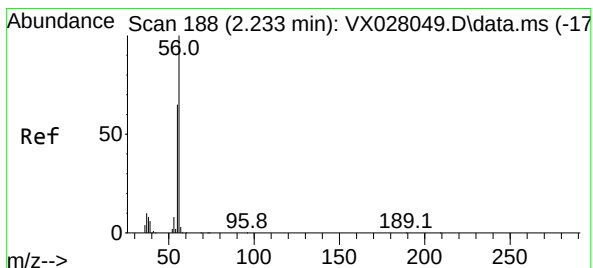
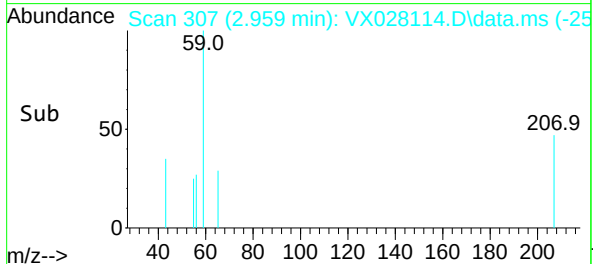
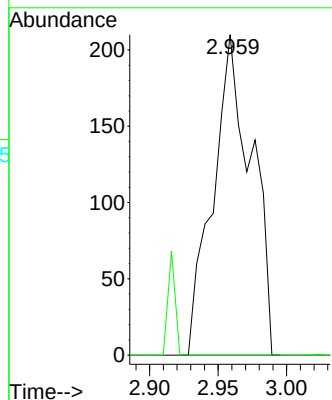
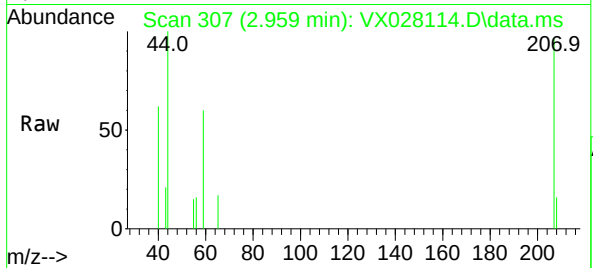
IBLK

Tgt Ion: 59 Resp: 412

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: Below Cal

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX028114.D

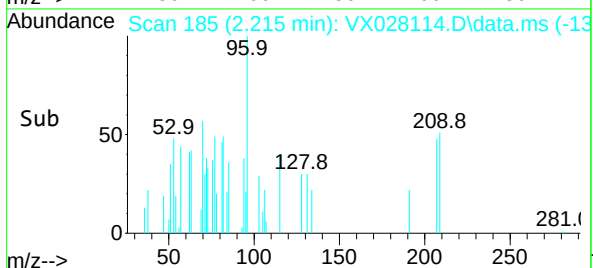
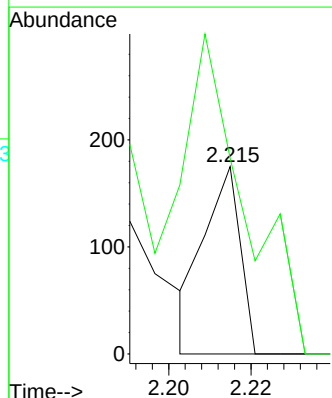
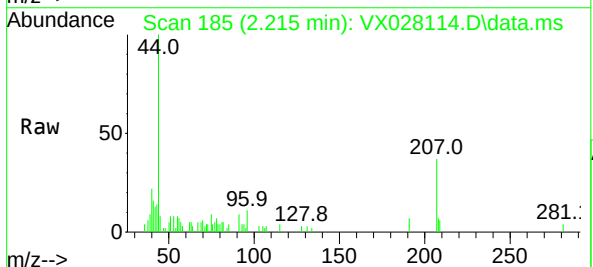
Acq: 14 Apr 2022 17:58

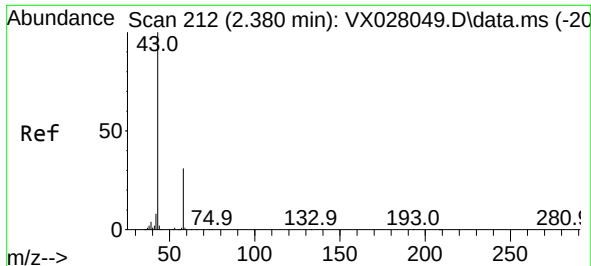
Tgt Ion: 56 Resp: 105

Ion Ratio Lower Upper

56 100

55 299.0 55.0 82.6#

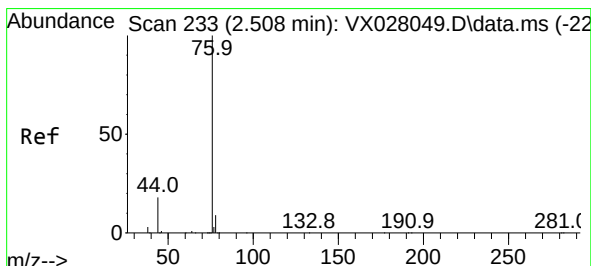
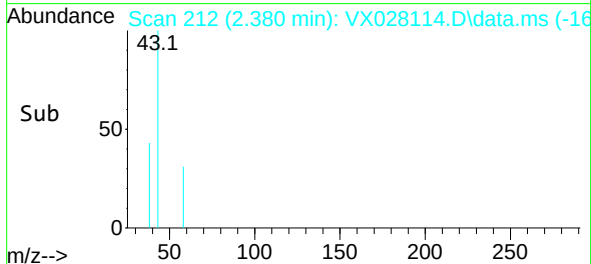
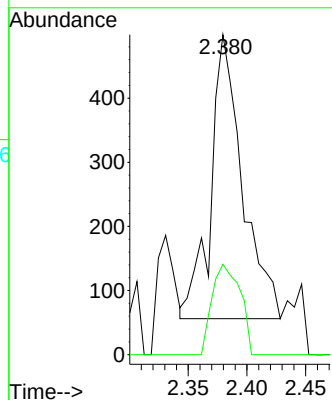
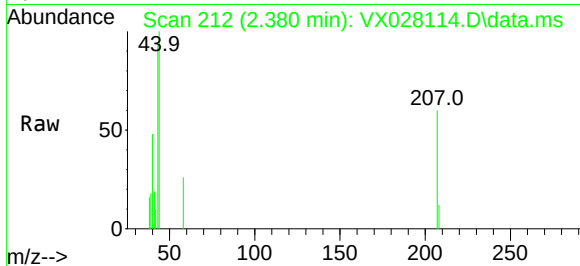




#16
Acetone
Concen: 0.654 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

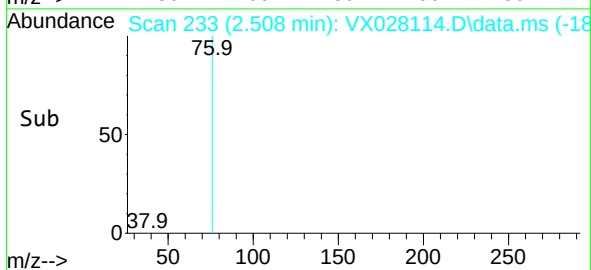
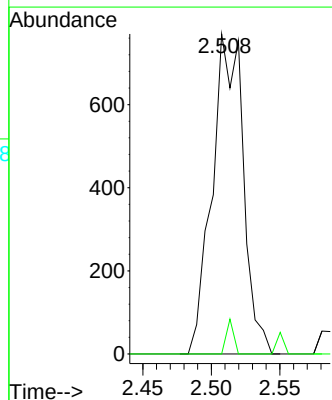
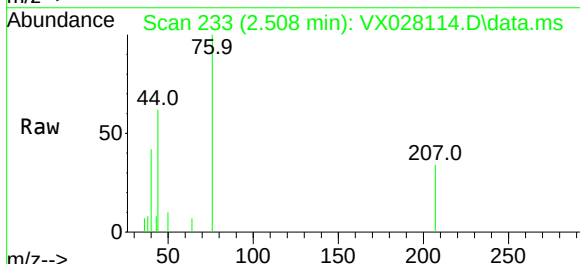
Instrument :
MSVOA_X
ClientSampleId :
IBLK

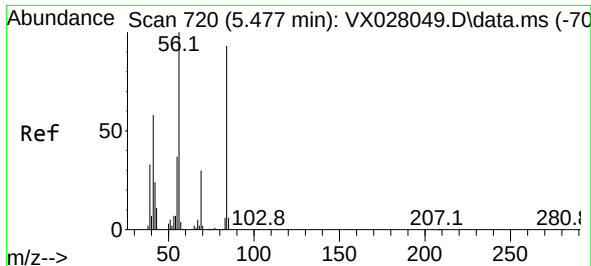
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 31.8 28.8 43.2



#17
Carbon Disulfide
Concen: 0.209 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

Tgt Ion: 76 Resp: 1214
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

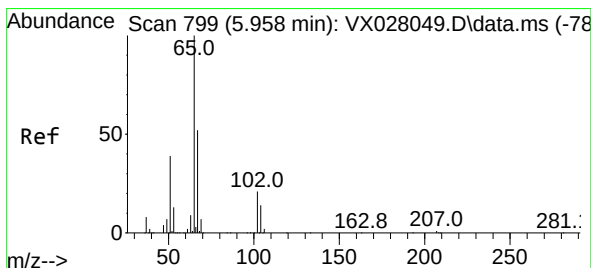
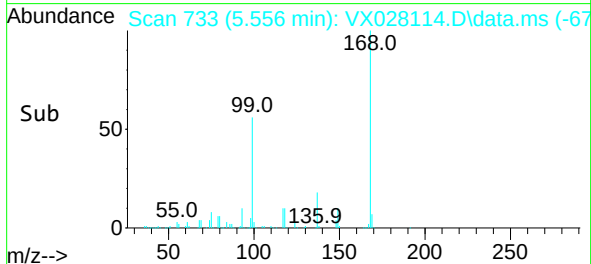
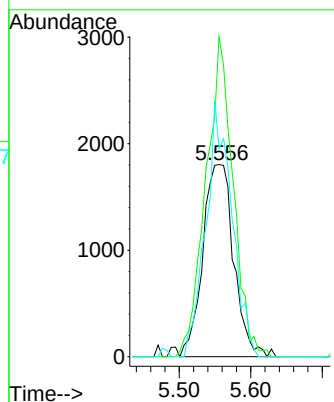
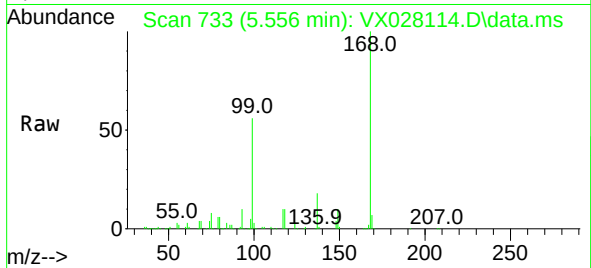




#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.556 min Scan# 714
Delta R.T. 0.079 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

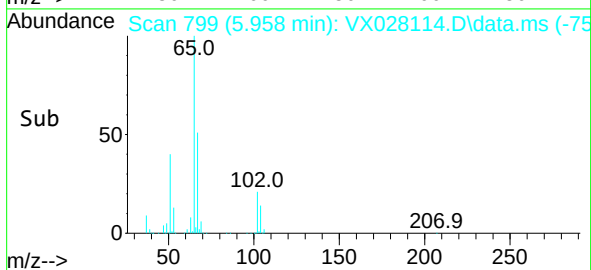
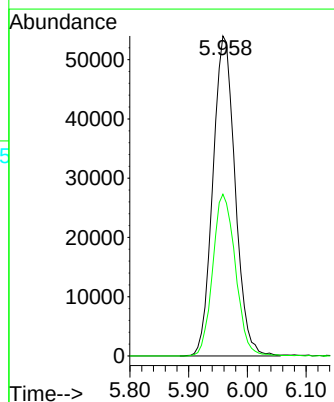
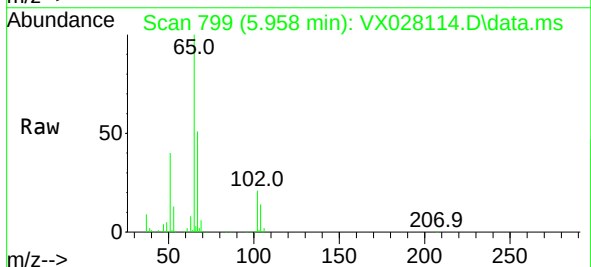
Instrument :
MSVOA_X
ClientSampleId :
IBLK

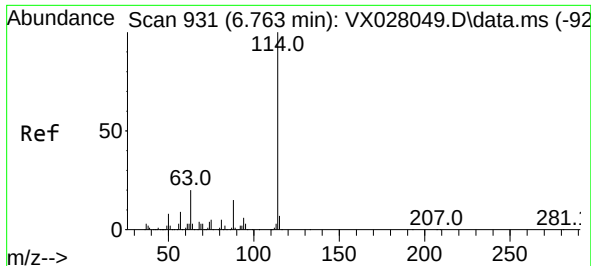
Tgt Ion: 56 Resp: 5414
Ion Ratio Lower Upper
56 100
69 166.6 26.7 40.1#
84 108.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 46.685 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

Tgt Ion: 65 Resp: 142136
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4

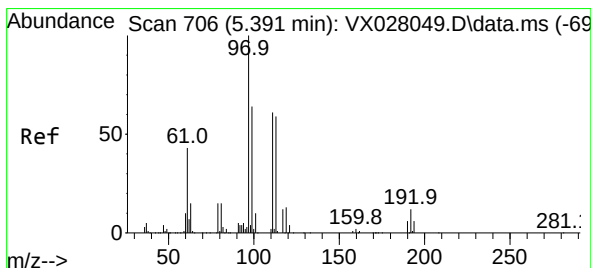
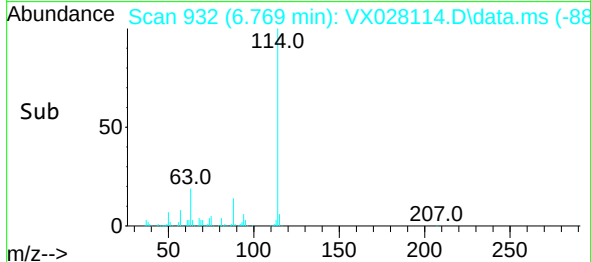
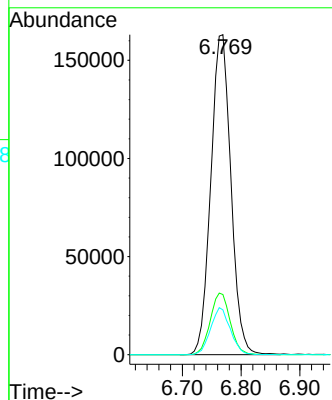
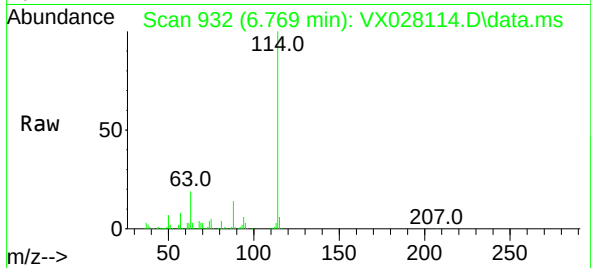




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

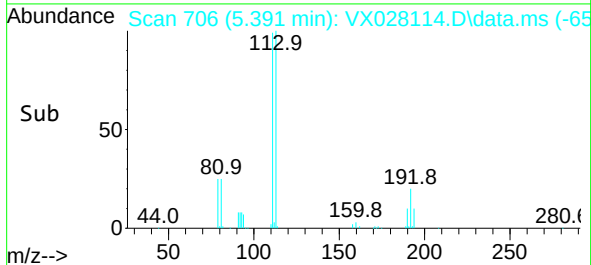
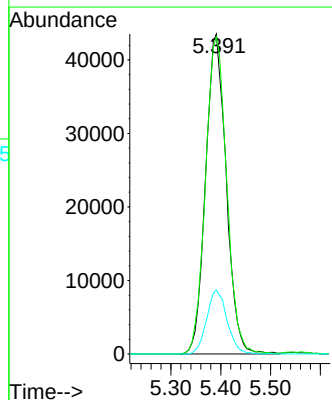
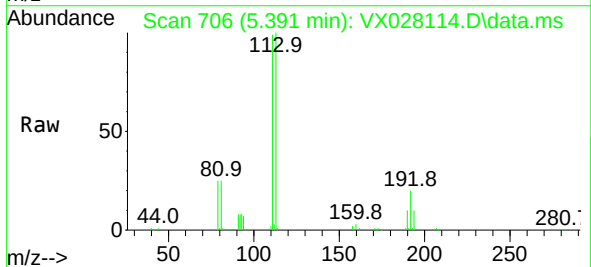
Instrument :
MSVOA_X
ClientSampleId :
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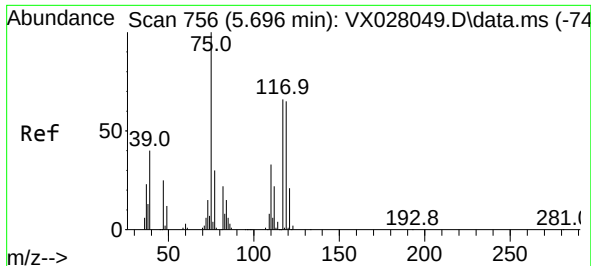
Tgt Ion:114 Resp: 386959
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 14.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.279 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

Tgt Ion:113 Resp: 124954
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 19.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.563 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX028114.D

Acq: 14 Apr 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

IBLK

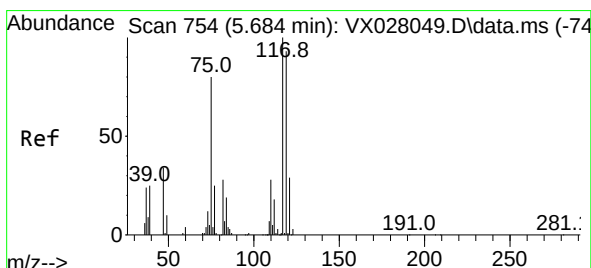
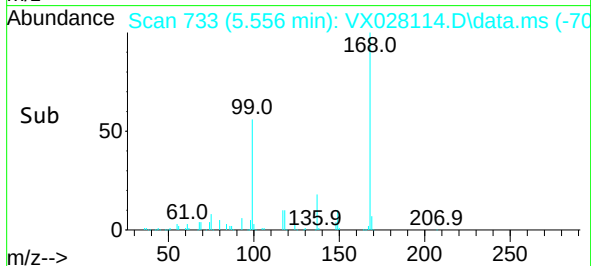
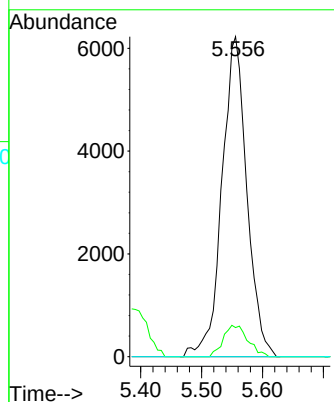
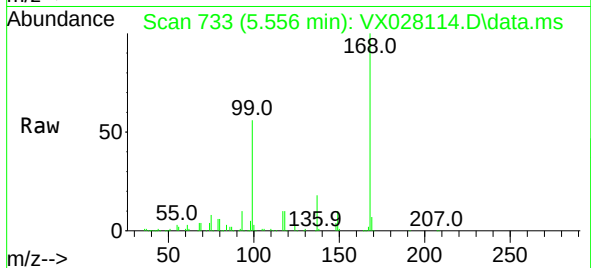
Tgt Ion: 75 Resp: 17660

Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.273 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX028114.D

Acq: 14 Apr 2022 17:58

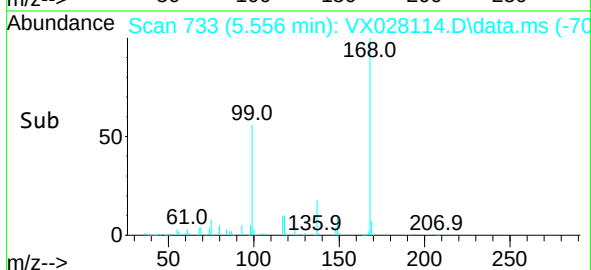
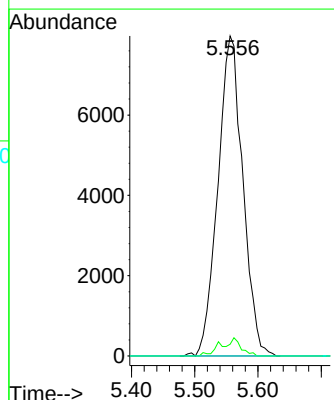
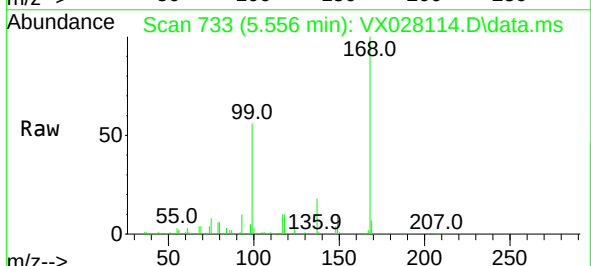
Tgt Ion: 117 Resp: 21787

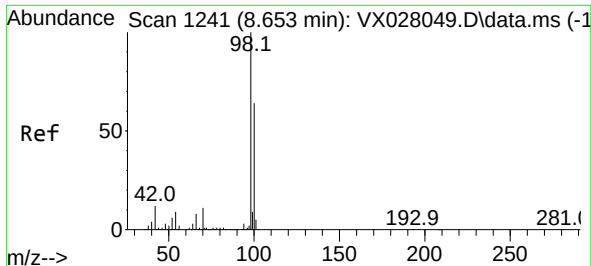
Ion Ratio Lower Upper

117 100

119 3.7 77.3 115.9#

121 0.0 24.2 36.2#

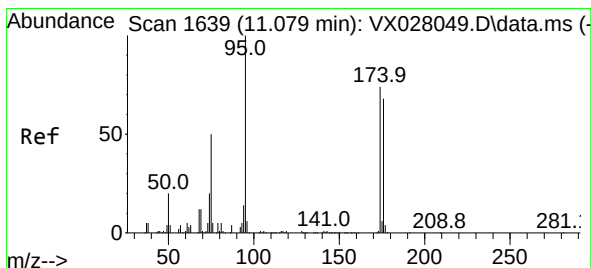
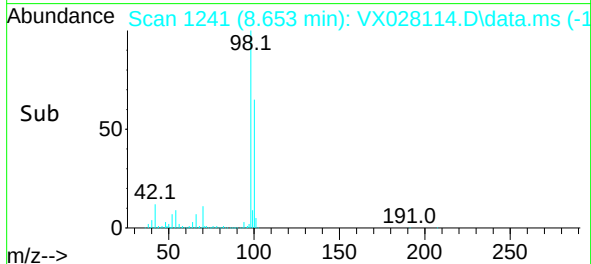
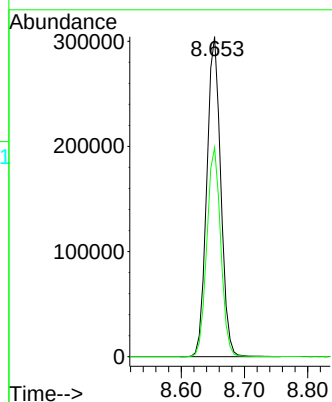
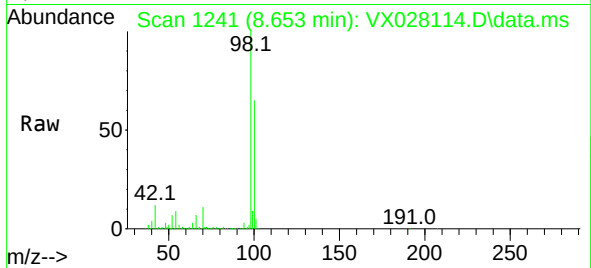




#50
Toluene-d8
Concen: 49.503 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

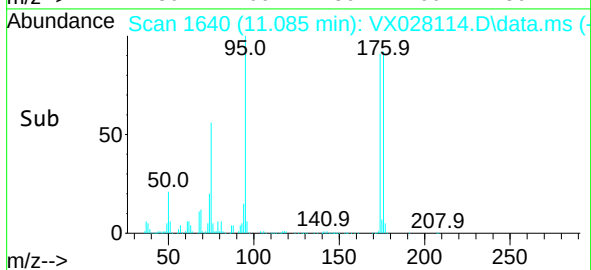
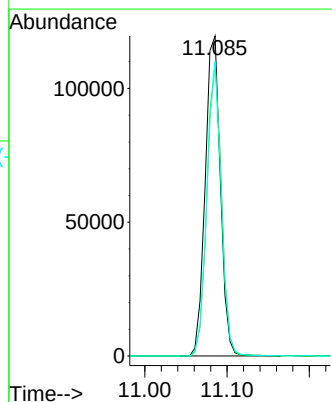
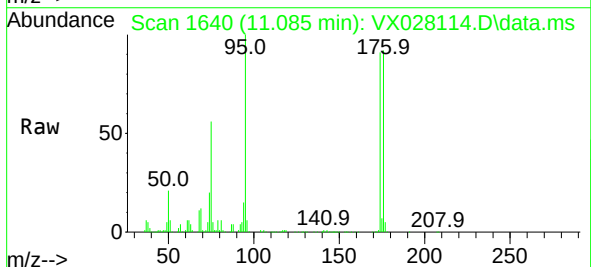
Instrument :
MSVOA_X
ClientSampleId :
IBLK

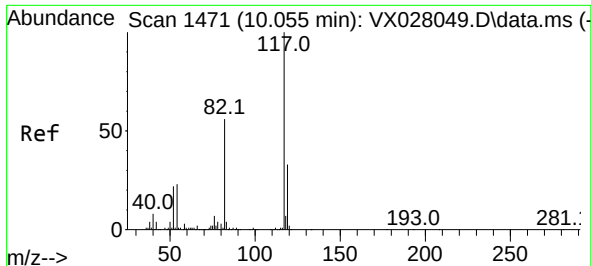
Tgt Ion: 98 Resp: 468136
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.500 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

Tgt Ion: 95 Resp: 153596
Ion Ratio Lower Upper
95 100
174 88.1 0.0 163.0
176 86.6 0.0 155.0

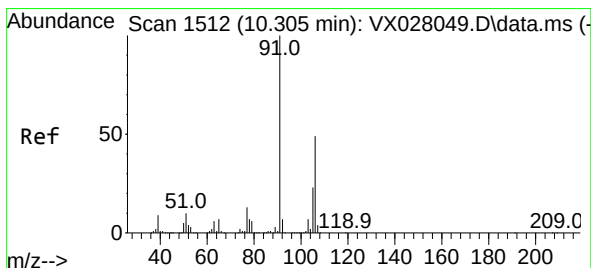
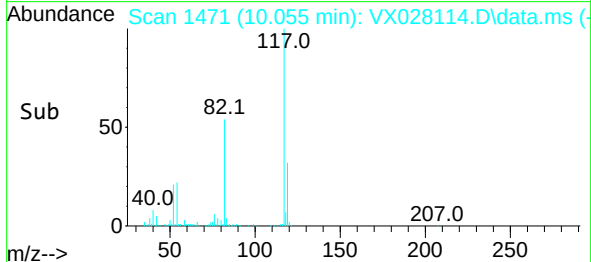
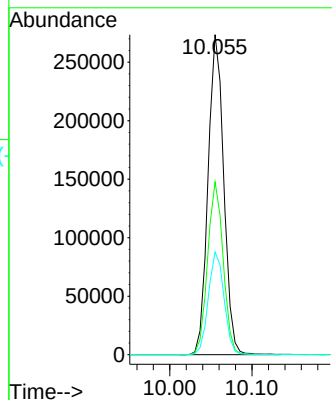
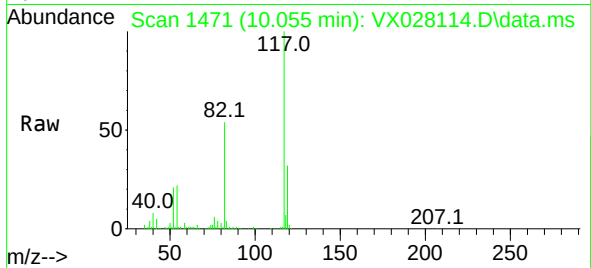




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

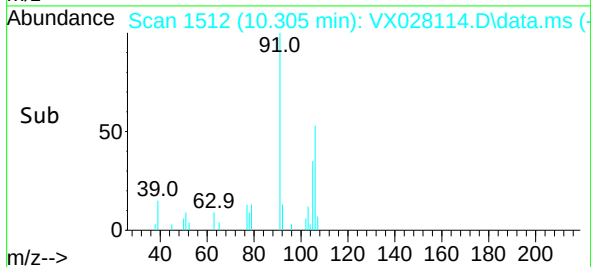
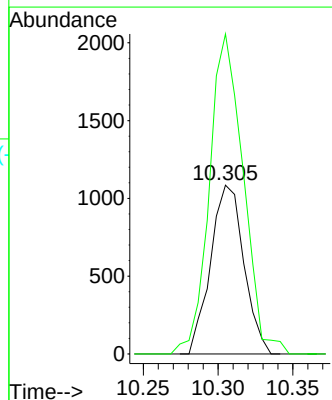
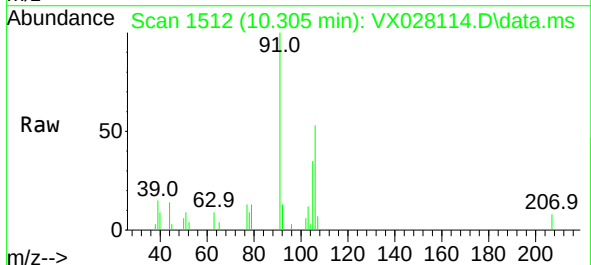
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MSVOA_X
ClientSampleId :
IBLK

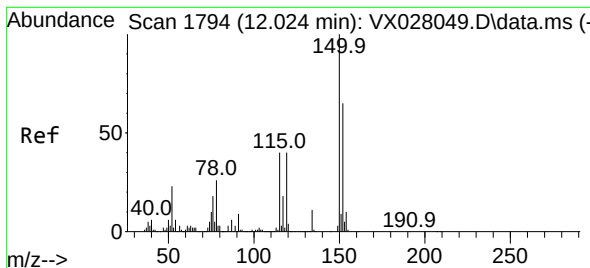
Tgt Ion:117 Resp: 362704
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.8
119 32.1 24.8 37.2



#68
m/p-Xylenes
Concen: 0.288 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028114.D
Acq: 14 Apr 2022 17:58

Tgt Ion:106 Resp: 1677
Ion Ratio Lower Upper
106 100
91 192.7 160.4 240.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028114.D

Acq: 14 Apr 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

IBLK

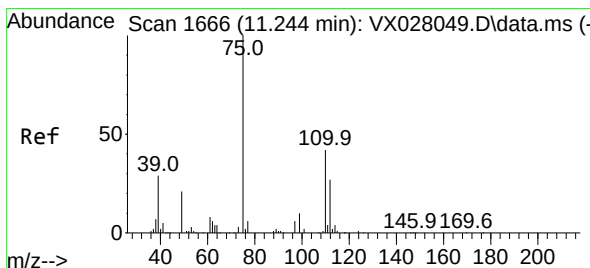
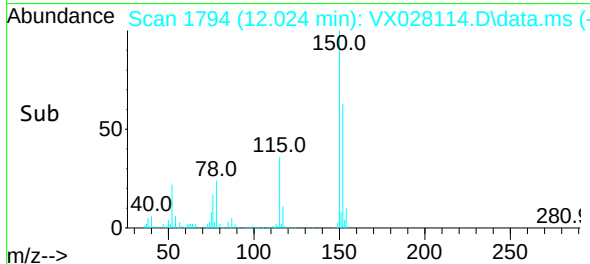
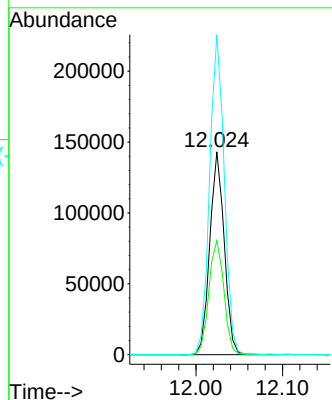
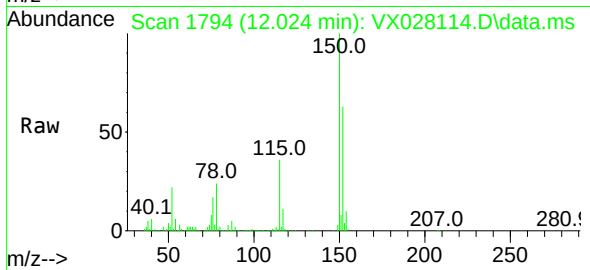
Tgt Ion:152 Resp: 166100

Ion Ratio Lower Upper

152 100

115 58.3 37.5 112.7

150 159.4 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 23.241 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX028114.D

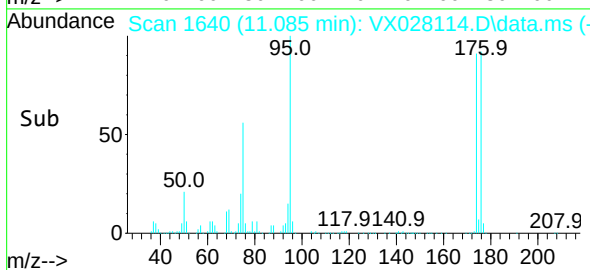
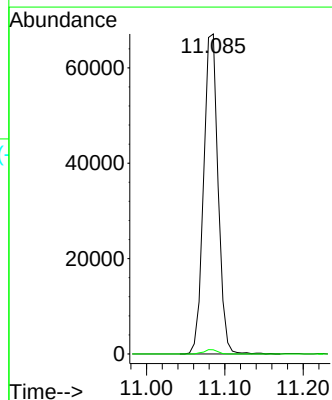
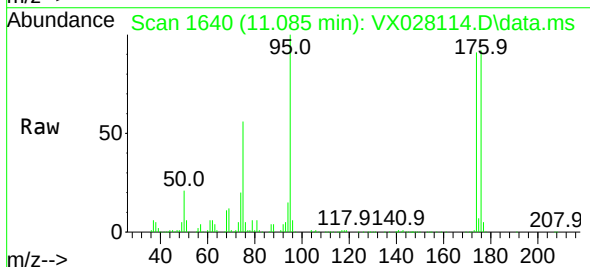
Acq: 14 Apr 2022 17:58

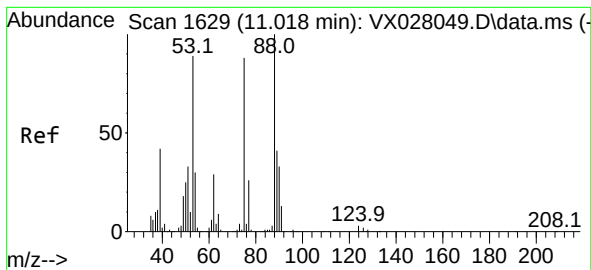
Tgt Ion: 75 Resp: 85939

Ion Ratio Lower Upper

75 100

77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.457 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX028114.D
 Acq: 14 Apr 2022 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 85939
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

