

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025827.D
 Acq On : 15 Dec 2021 20:10
 Operator : JC/MD
 Sample : M5074-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-4

Quant Time: Dec 16 07:31:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

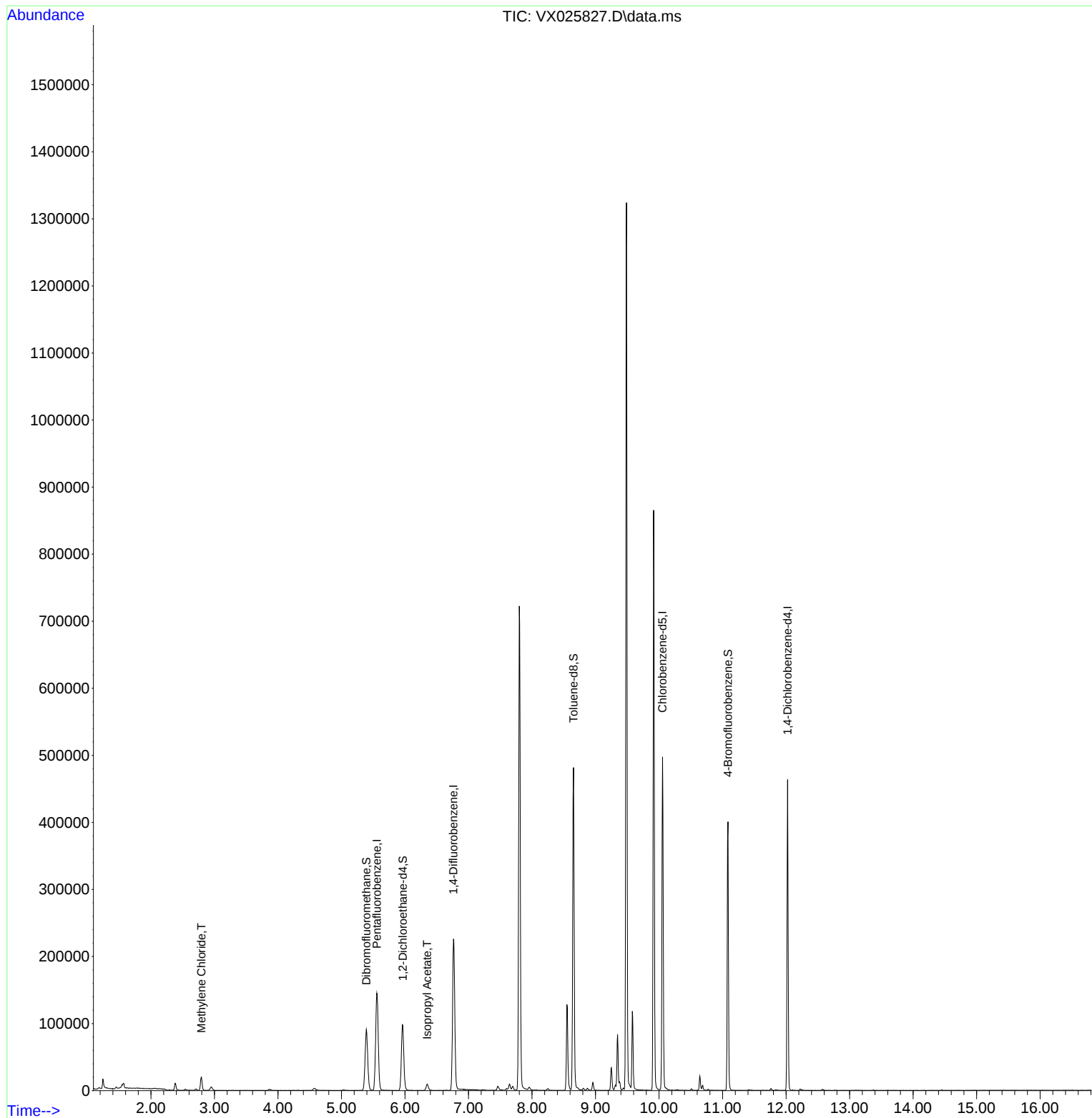
Internal Standards						
1) Pentafluorobenzene	5.556	168	136122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93229	47.601	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.200%		
35) Dibromofluoromethane	5.391	113	75936	46.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.700%		
50) Toluene-d8	8.653	98	287204	48.118	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.240%		
62) 4-Bromofluorobenzene	11.085	95	106592	47.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.020%		
Target Compounds						
20) Methylene Chloride	2.794	84	8989	3.097	ug/l	93
43) Isopropyl Acetate	6.348	43	11722	2.948	ug/l	97

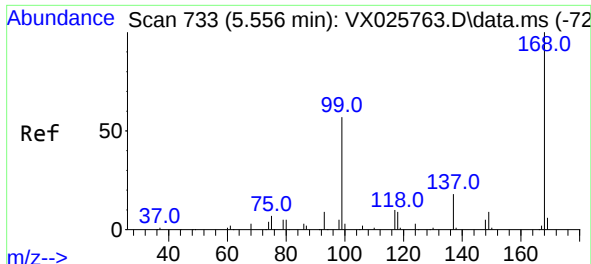
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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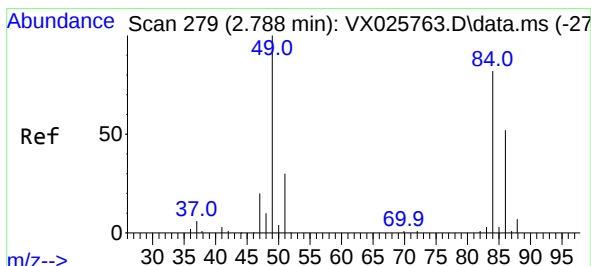
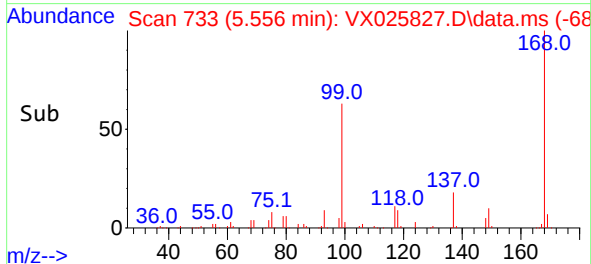
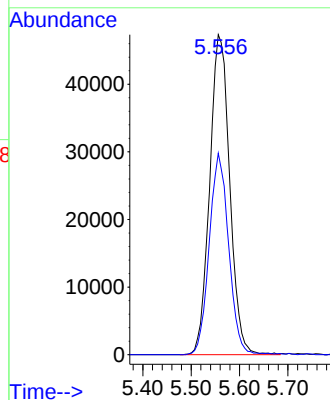
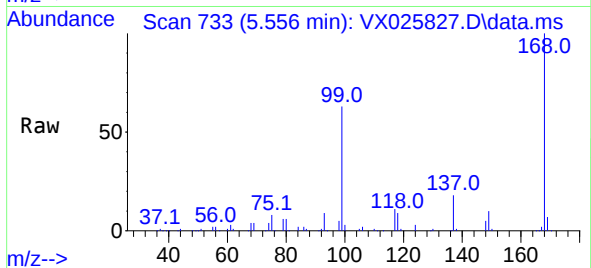




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025827.D
Acq: 15 Dec 2021 20:10

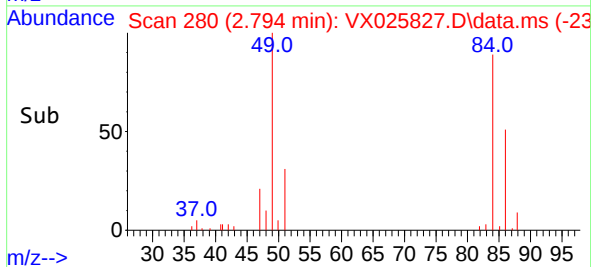
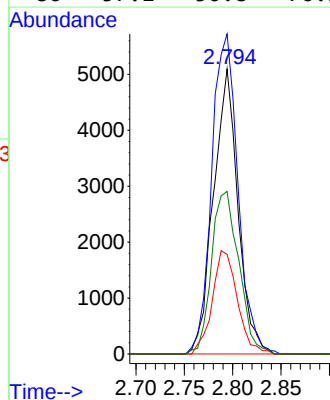
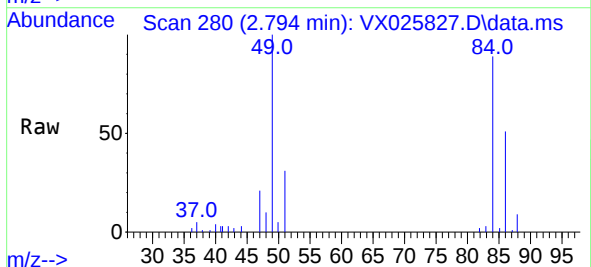
Instrument :
MSVOA_X
ClientSampleId :
CS-4

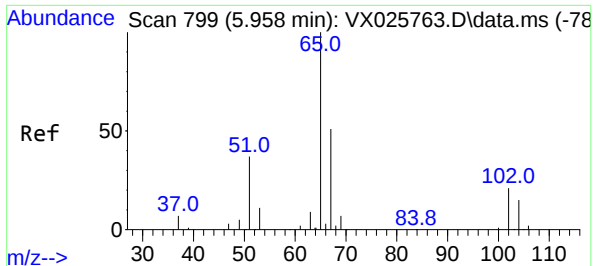
Tgt Ion:168 Resp: 136122
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.8



#20
Methylene Chloride
Concen: 3.097 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025827.D
Acq: 15 Dec 2021 20:10

Tgt Ion: 84 Resp: 8989
Ion Ratio Lower Upper
84 100
49 112.3 97.1 145.7
51 34.9 29.3 43.9
86 57.1 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 47.601 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX025827.D

Acq: 15 Dec 2021 20:10

Instrument :

MSVOA_X

ClientSampleId :

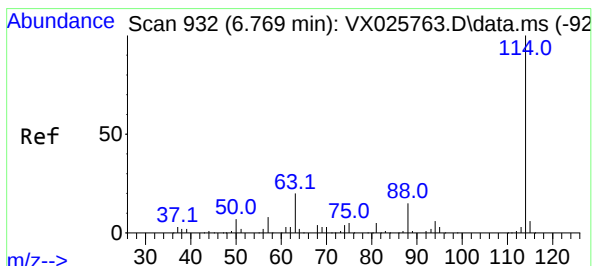
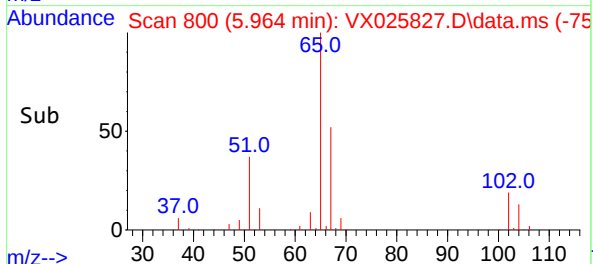
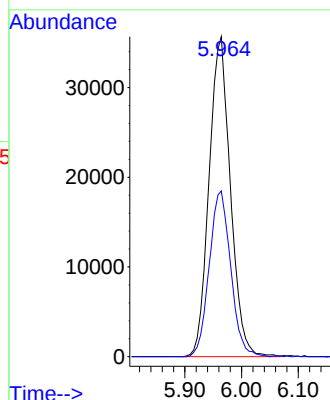
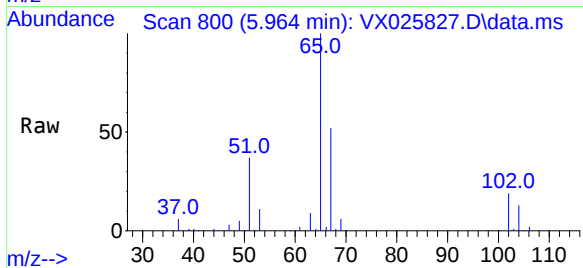
CS-4

Tgt Ion: 65 Resp: 93229

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025827.D

Acq: 15 Dec 2021 20:10

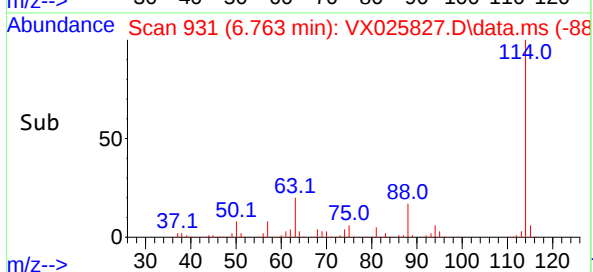
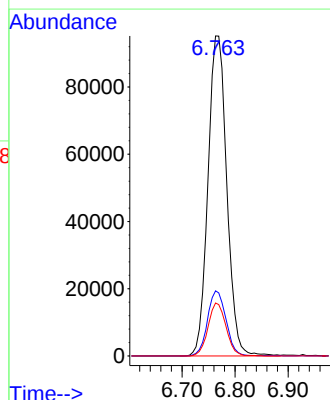
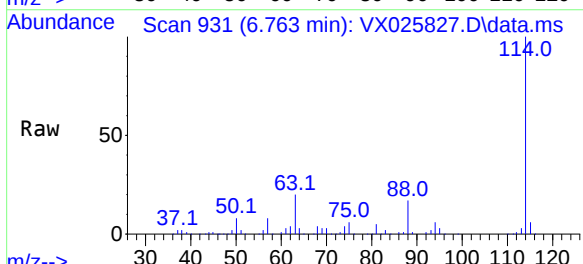
Tgt Ion: 114 Resp: 234892

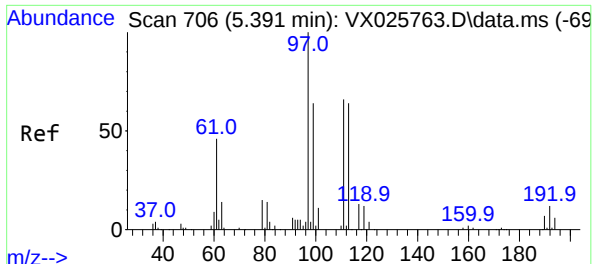
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 16.5 0.0 30.6

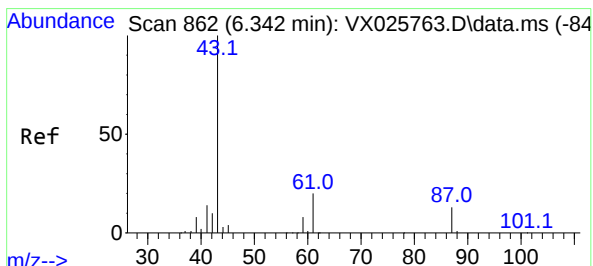
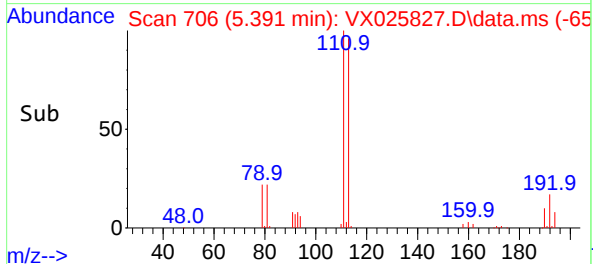
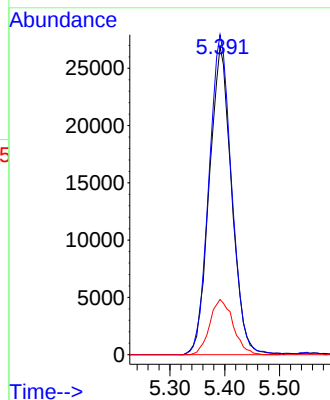
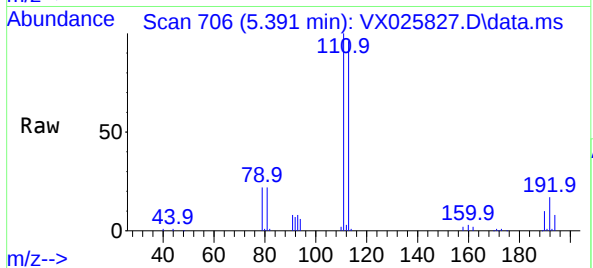




#35
Dibromofluoromethane
Concen: 46.354 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025827.D
Acq: 15 Dec 2021 20:10

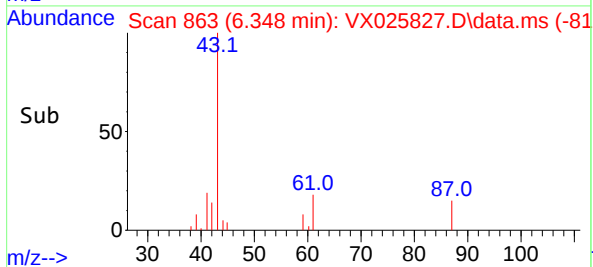
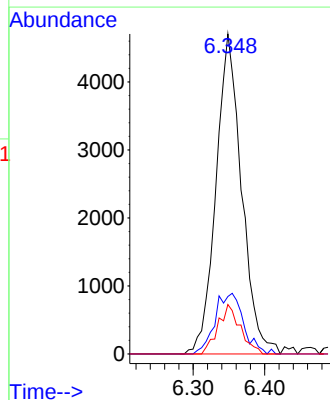
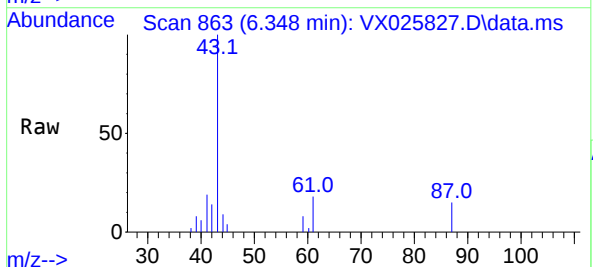
Instrument :
MSVOA_X
ClientSampleId :
CS-4

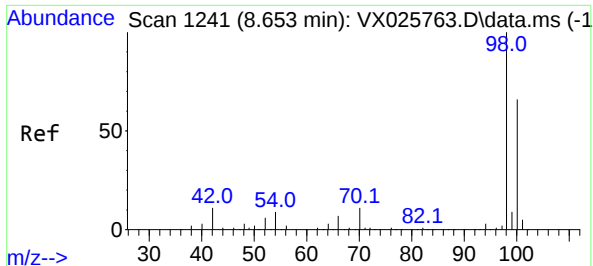
Tgt Ion:113 Resp: 75936
Ion Ratio Lower Upper
113 100
111 105.0 81.8 122.8
192 18.7 15.0 22.4



#43
Isopropyl Acetate
Concen: 2.948 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025827.D
Acq: 15 Dec 2021 20:10

Tgt Ion: 43 Resp: 11722
Ion Ratio Lower Upper
43 100
61 21.1 15.7 23.5
87 13.4 11.2 16.8





#50

Toluene-d8

Concen: 48.118 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025827.D

Acq: 15 Dec 2021 20:10

Instrument :

MSVOA_X

ClientSampleId :

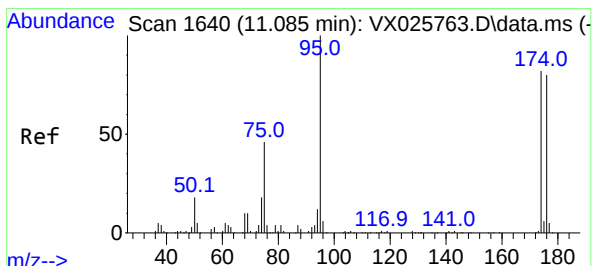
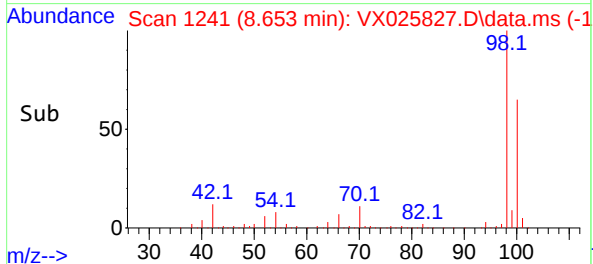
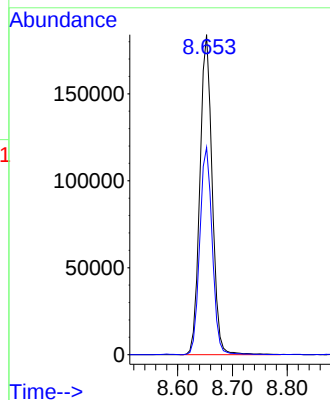
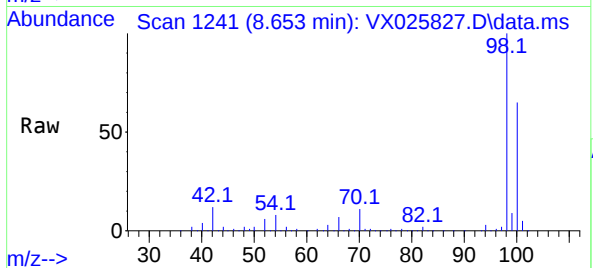
CS-4

Tgt Ion: 98 Resp: 287204

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 47.013 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX025827.D

Acq: 15 Dec 2021 20:10

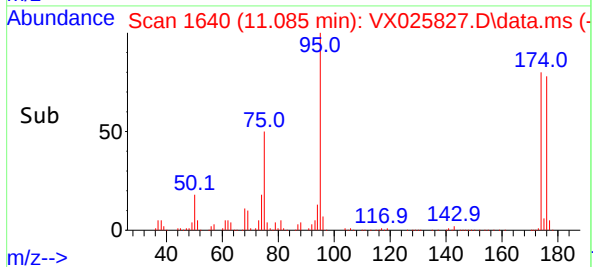
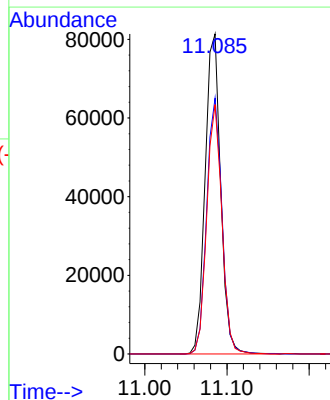
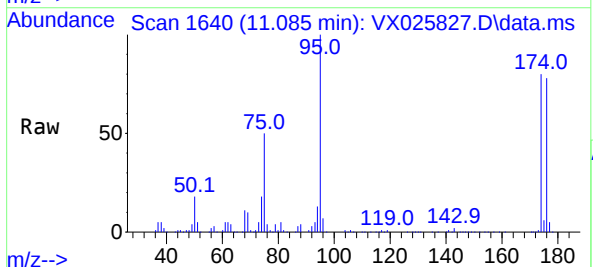
Tgt Ion: 95 Resp: 106592

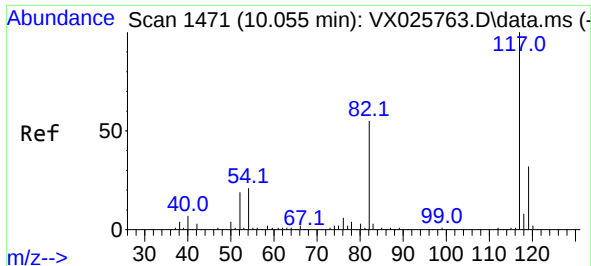
Ion Ratio Lower Upper

95 100

174 79.0 0.0 157.4

176 76.2 0.0 154.6

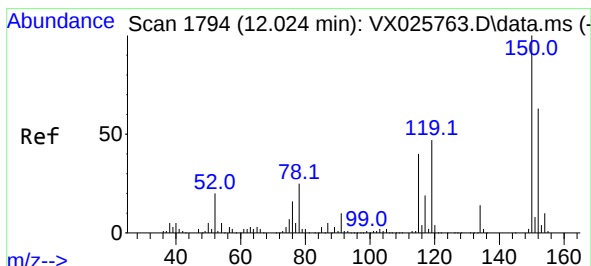
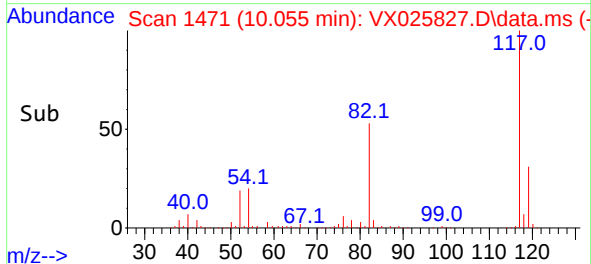
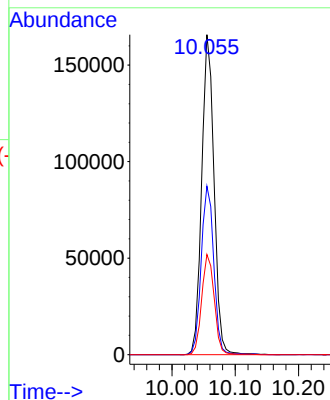
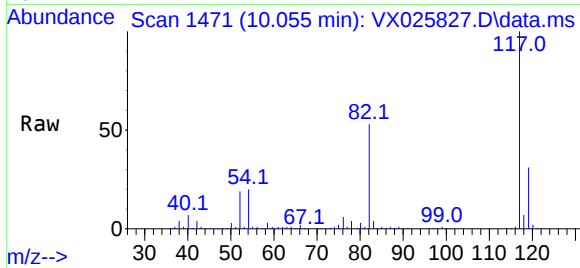




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025827.D
Acq: 15 Dec 2021 20:10

Instrument :
MSVOA_X
ClientSampleId :
CS-4

Tgt Ion:117 Resp: 225283
Ion Ratio Lower Upper
117 100
82 52.6 43.8 65.6
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025827.D
Acq: 15 Dec 2021 20:10

Tgt Ion:152 Resp: 90568
Ion Ratio Lower Upper
152 100
115 59.1 41.3 123.9
150 156.9 0.0 351.8

