

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025830.D
 Acq On : 15 Dec 2021 21:21
 Operator : JC/MD
 Sample : M5074-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-1

Quant Time: Dec 16 07:32:17 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)

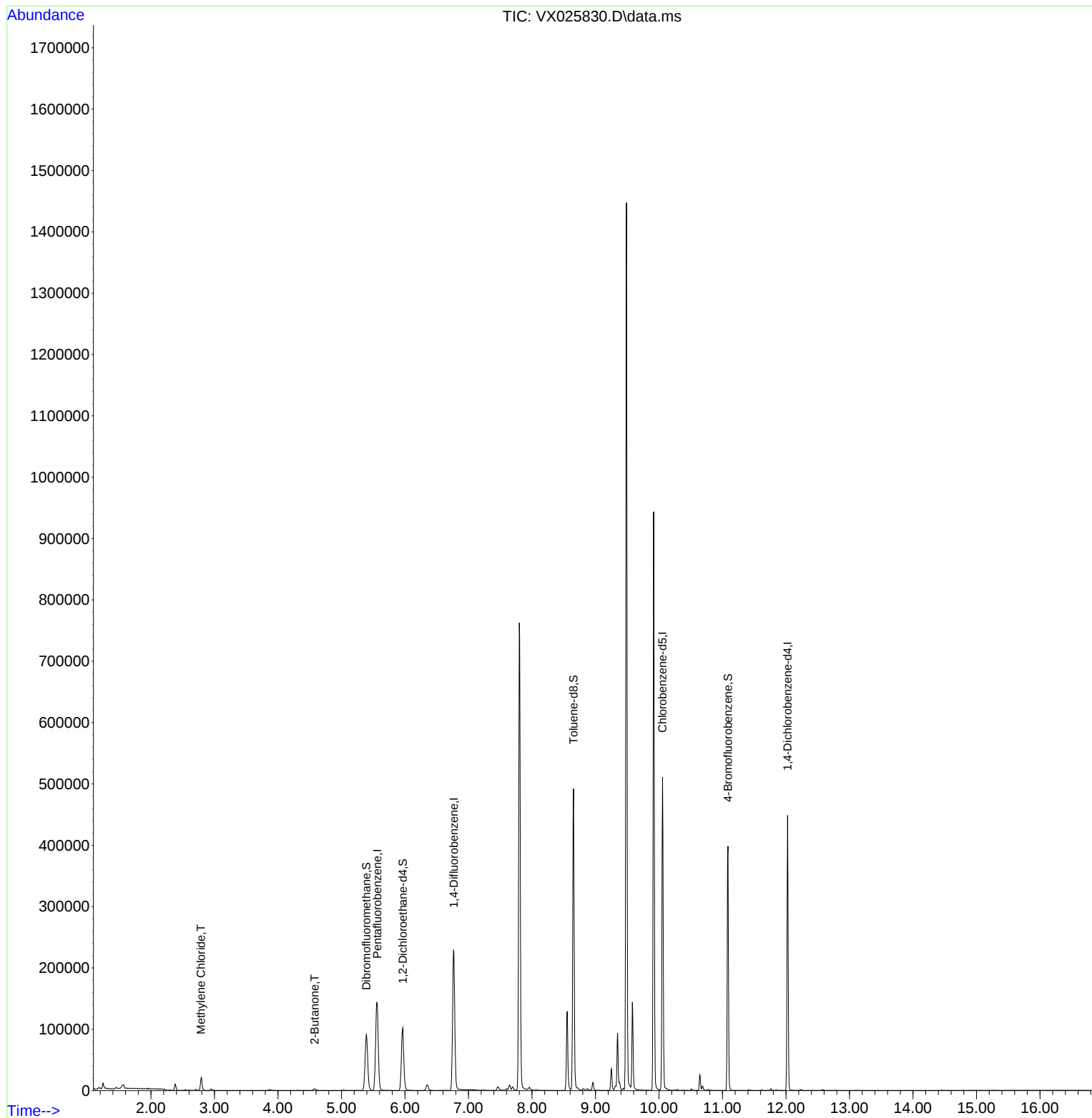
Internal Standards						
1) Pentafluorobenzene	5.562	168	136500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93402	47.557	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.120%		
35) Dibromofluoromethane	5.391	113	77386	46.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.620%		
50) Toluene-d8	8.653	98	288578	47.910	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.820%		
62) 4-Bromofluorobenzene	11.085	95	106870	46.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.420%		
Target Compounds						
20) Methylene Chloride	2.788	84	8835	2.985	ug/l	97
25) 2-Butanone	4.574	43	4403	3.333	ug/l	97

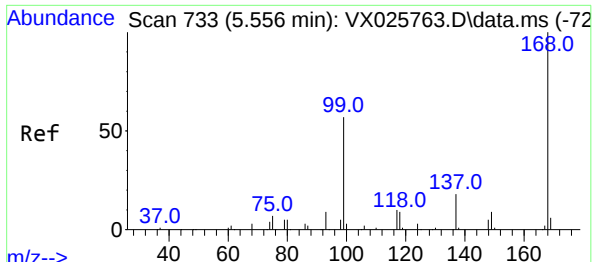
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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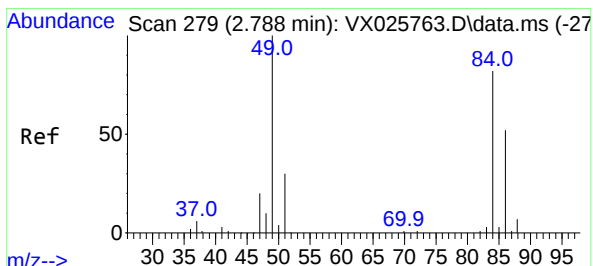
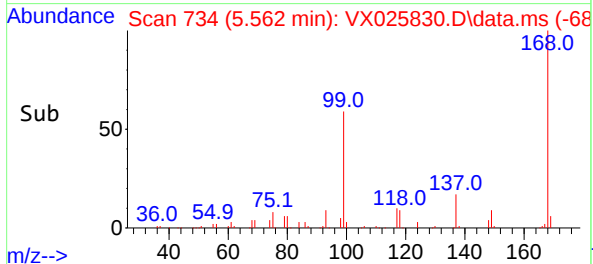
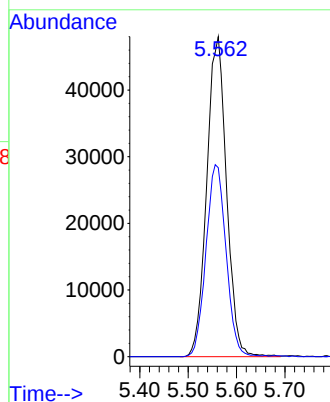
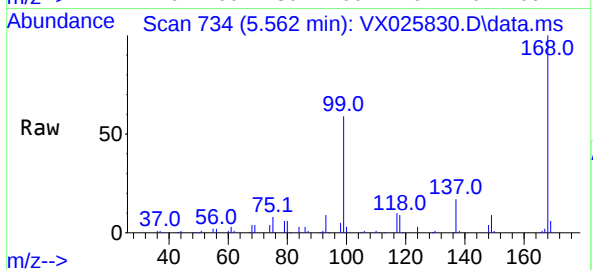




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX025830.D
Acq: 15 Dec 2021 21:21

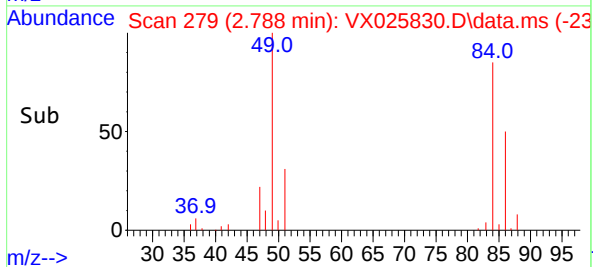
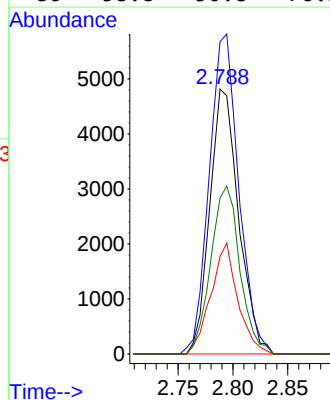
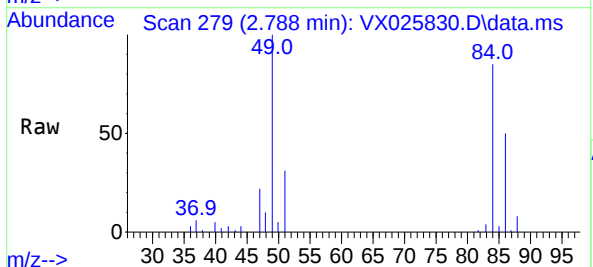
Instrument :
MSVOA_X
ClientSampleId :
CS-1

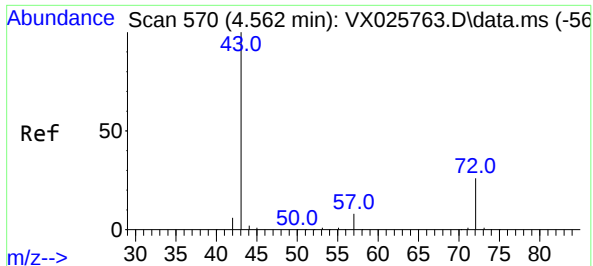
Tgt Ion:168 Resp: 136500
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.8



#20
Methylene Chloride
Concen: 2.985 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025830.D
Acq: 15 Dec 2021 21:21

Tgt Ion: 84 Resp: 8835
Ion Ratio Lower Upper
84 100
49 117.9 97.1 145.7
51 36.7 29.3 43.9
86 58.8 50.8 76.2





#25

2-Butanone

Concen: 3.333 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX025830.D

Acq: 15 Dec 2021 21:21

Instrument :

MSVOA_X

ClientSampleId :

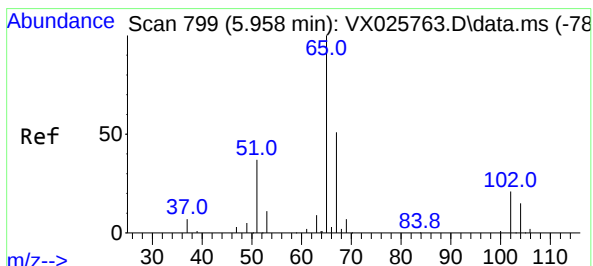
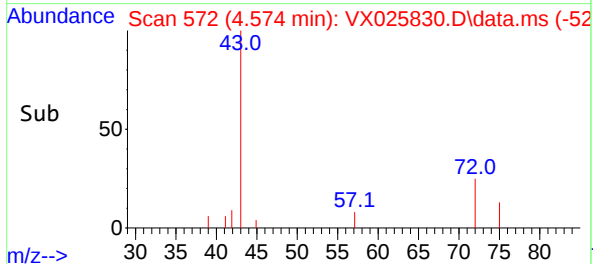
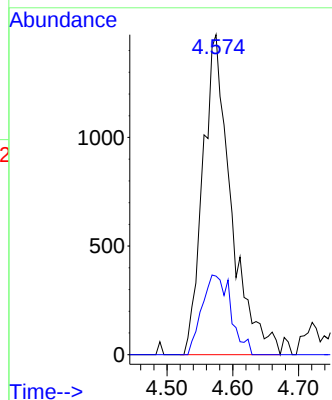
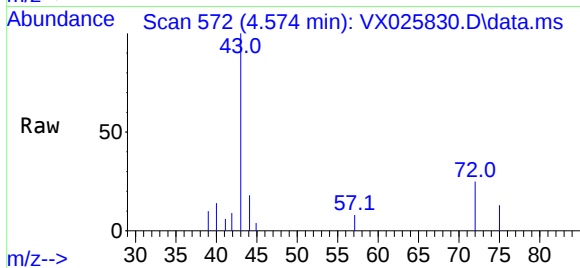
CS-1

Tgt Ion: 43 Resp: 4403

Ion Ratio Lower Upper

43 100

72 24.6 21.0 31.4



#33

1,2-Dichloroethane-d4

Concen: 47.557 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025830.D

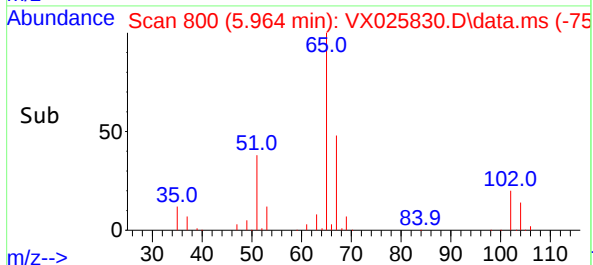
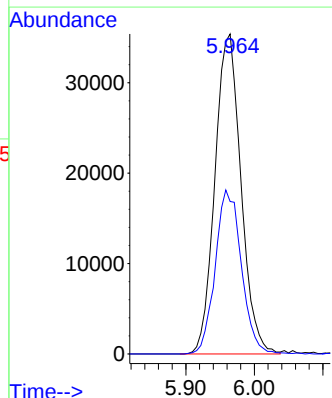
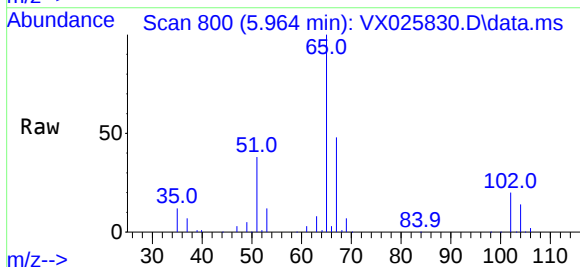
Acq: 15 Dec 2021 21:21

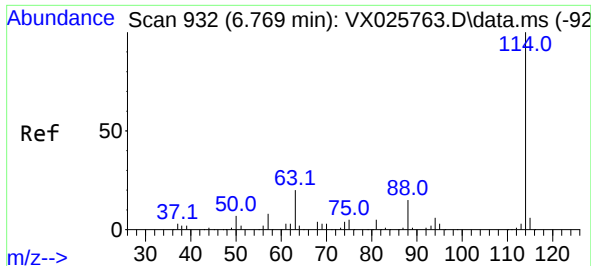
Tgt Ion: 65 Resp: 93402

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.4

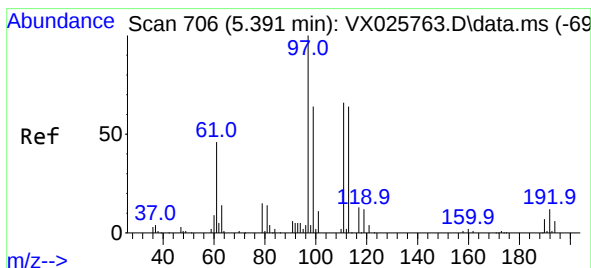
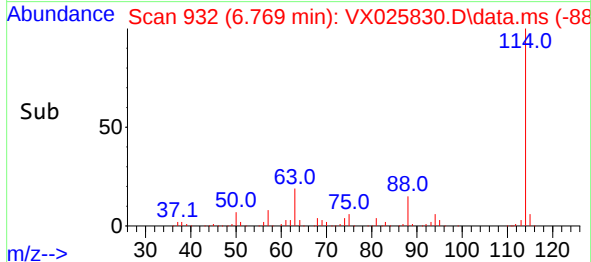
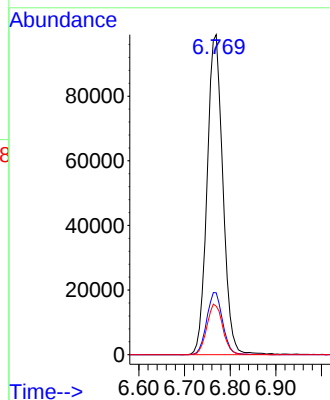
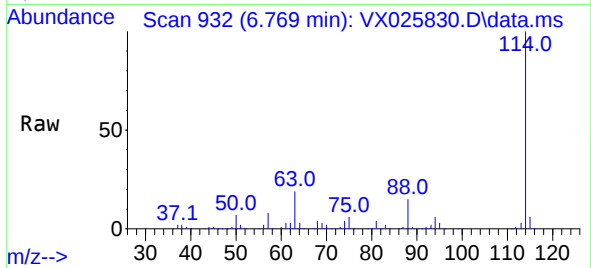




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025830.D
Acq: 15 Dec 2021 21:21

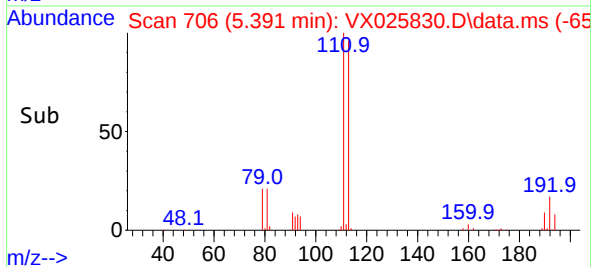
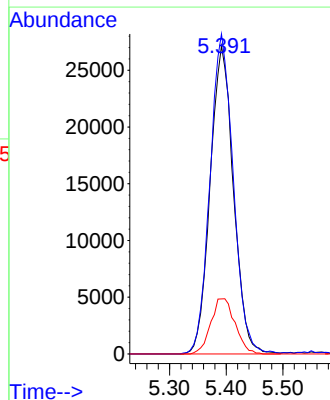
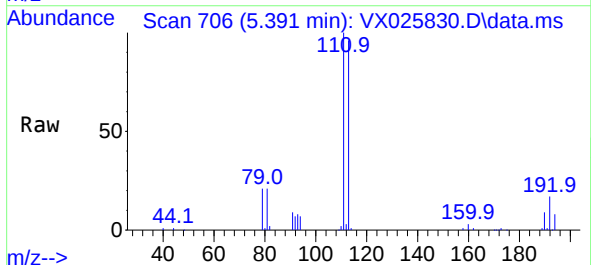
Instrument :
MSVOA_X
ClientSampleId :
CS-1

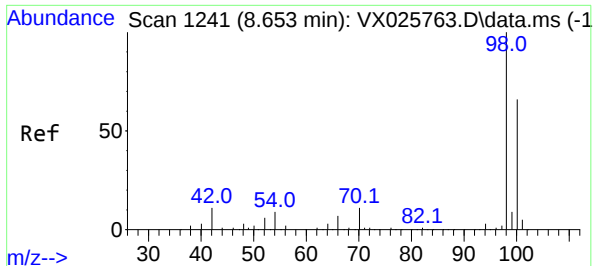
Tgt Ion:114 Resp: 237044
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.811 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX025830.D
Acq: 15 Dec 2021 21:21

Tgt Ion:113 Resp: 77386
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.8
192 18.7 15.0 22.4

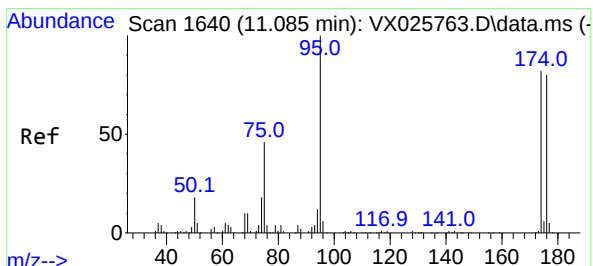
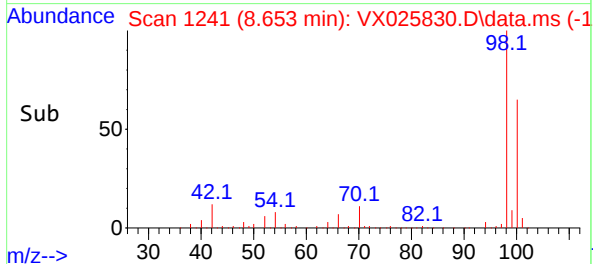
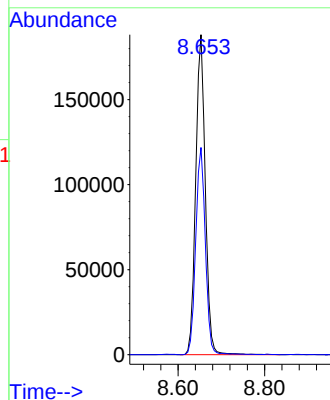
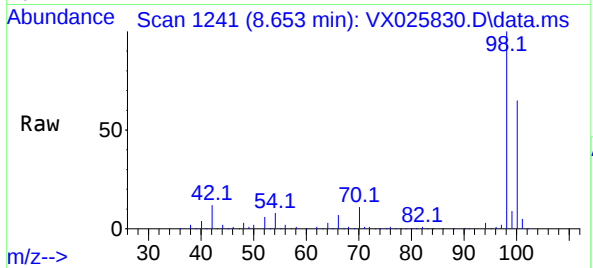




#50
Toluene-d8
Concen: 47.910 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025830.D
Acq: 15 Dec 2021 21:21

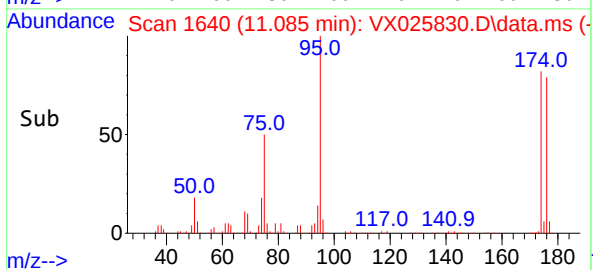
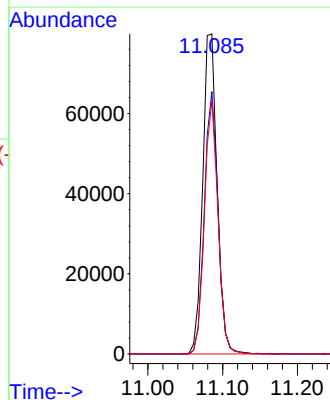
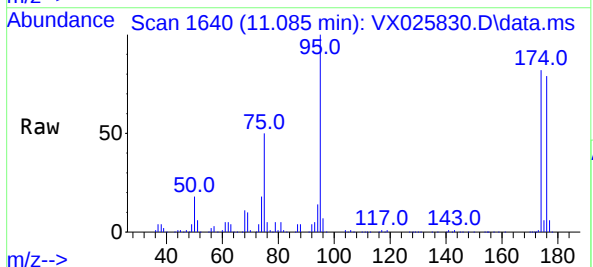
Instrument :
MSVOA_X
ClientSampleId :
CS-1

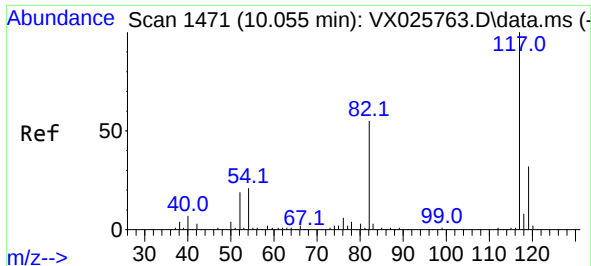
Tgt Ion: 98 Resp: 288578
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.708 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX025830.D
Acq: 15 Dec 2021 21:21

Tgt Ion: 95 Resp: 106870
Ion Ratio Lower Upper
95 100
174 78.3 0.0 157.4
176 74.4 0.0 154.6

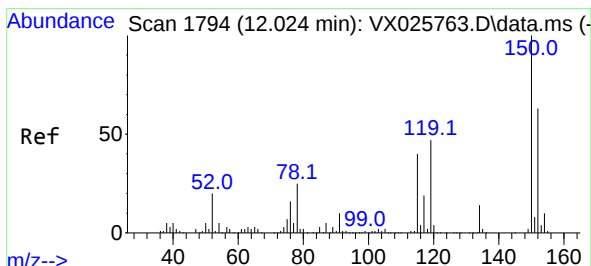
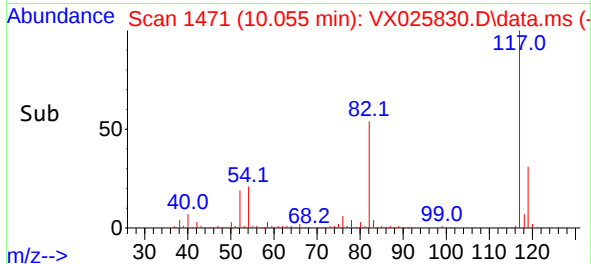
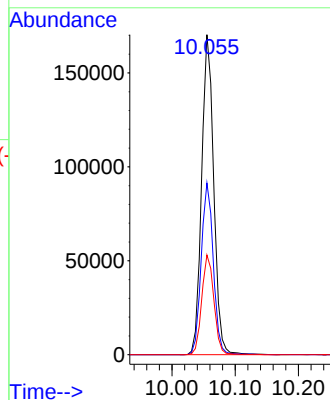
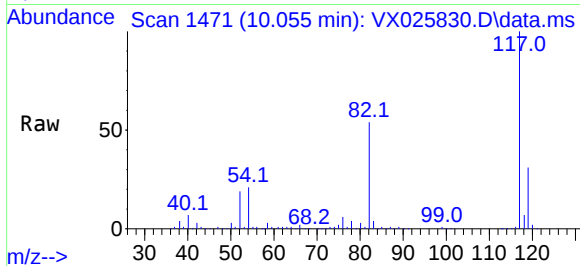




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025830.D
Acq: 15 Dec 2021 21:21

Instrument :
MSVOA_X
ClientSampleId :
CS-1

Tgt Ion:117 Resp: 227508
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.6
119 31.1 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: VX025830.D
Acq: 15 Dec 2021 21:21

Tgt Ion:152 Resp: 89977
Ion Ratio Lower Upper
152 100
115 59.9 41.3 123.9
150 158.3 0.0 351.8

