

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025857.D
 Acq On : 16 Dec 2021 15:54
 Operator : JC/MD
 Sample : M5084-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C7

Quant Time: Dec 17 02:31:42 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)

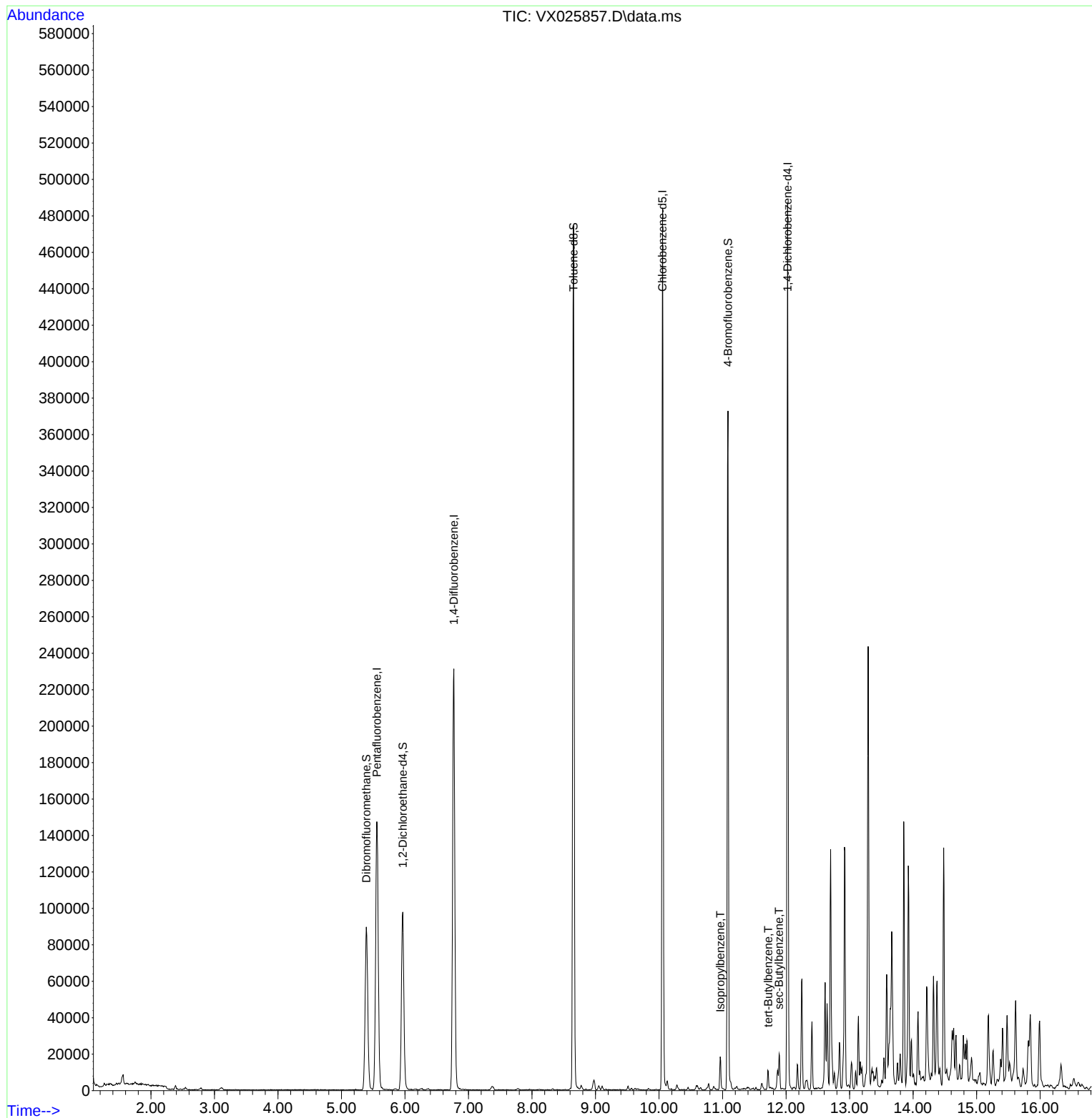
Internal Standards						
1) Pentafluorobenzene	5.556	168	138457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94297	47.334	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.660%
35) Dibromofluoromethane	5.391	113	75929	45.404	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.800%
50) Toluene-d8	8.653	98	279864	45.932	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.860%#
62) 4-Bromofluorobenzene	11.085	95	99970	43.193	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.380%
Target Compounds						
					Qvalue	
73) Isopropylbenzene	10.963	105	9108	1.309	ug/l	97
83) tert-Butylbenzene	11.719	119	3901	0.690	ug/l	84
85) sec-Butylbenzene	11.890	105	9731	1.432	ug/l #	70

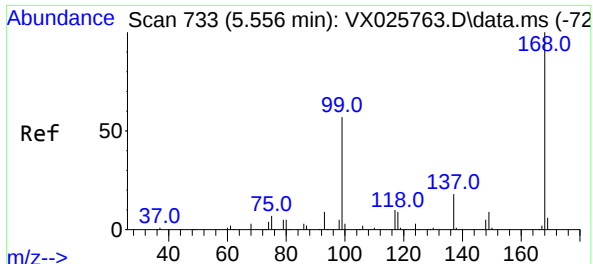
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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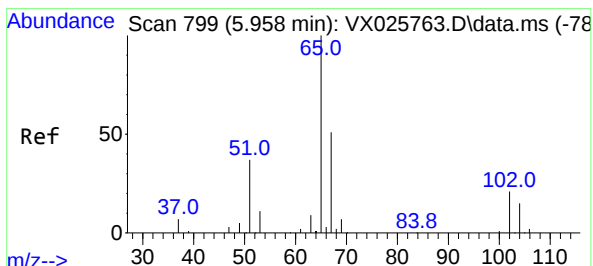
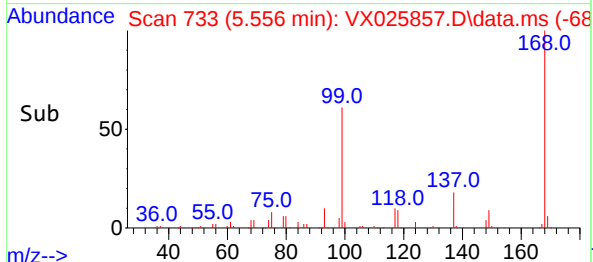
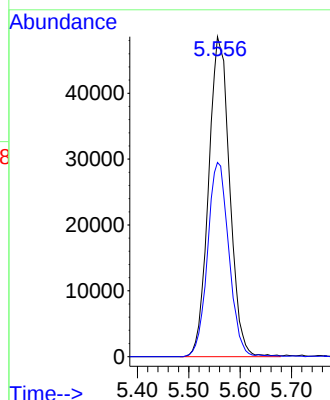
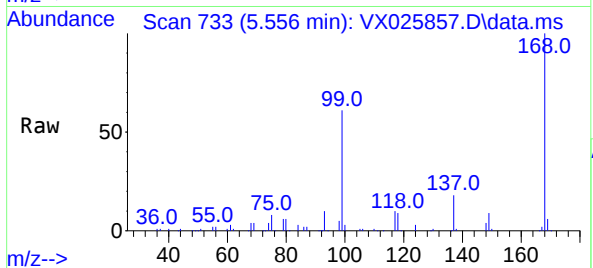




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025857.D
Acq: 16 Dec 2021 15:54

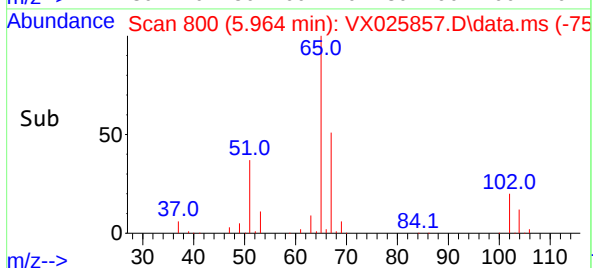
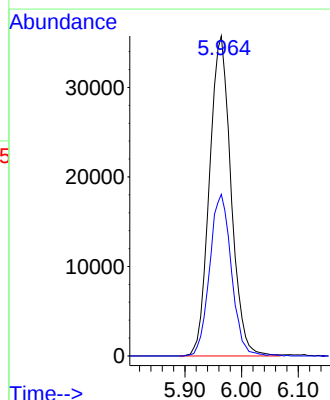
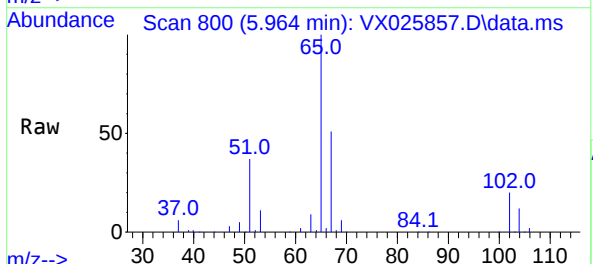
Instrument :
MSVOA_X
ClientSampleId :
C7

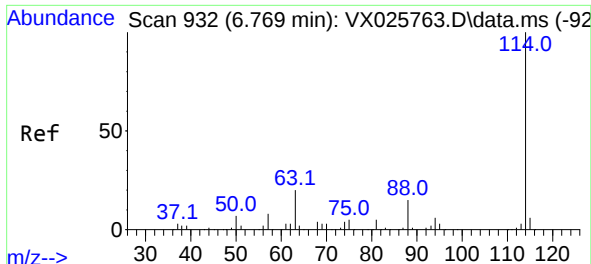
Tgt Ion:168 Resp: 138457
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.8



#33
1,2-Dichloroethane-d4
Concen: 47.334 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025857.D
Acq: 16 Dec 2021 15:54

Tgt Ion: 65 Resp: 94297
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

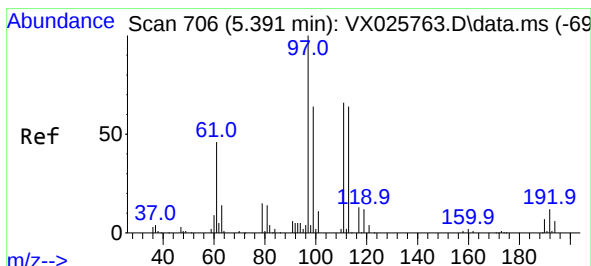
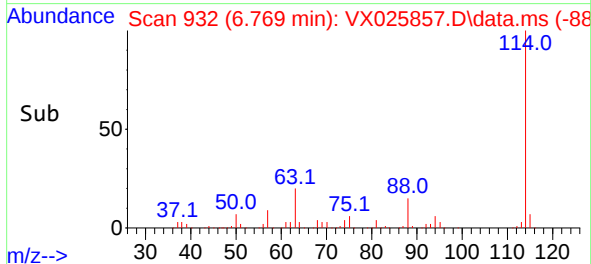
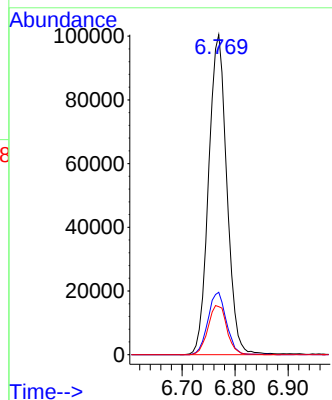
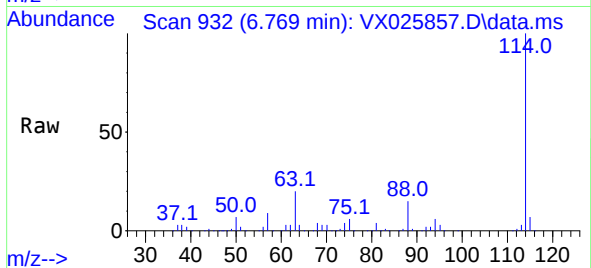




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025857.D
Acq: 16 Dec 2021 15:54

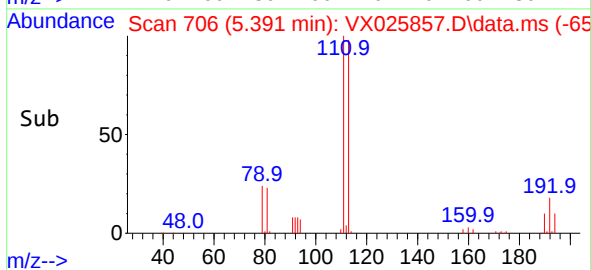
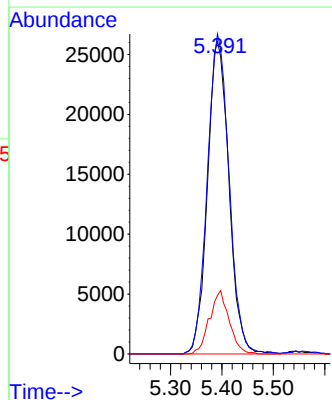
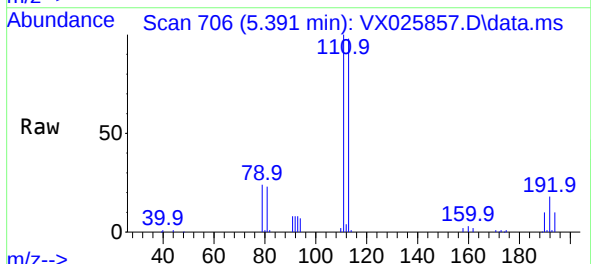
Instrument :
MSVOA_X
ClientSampleId :
C7

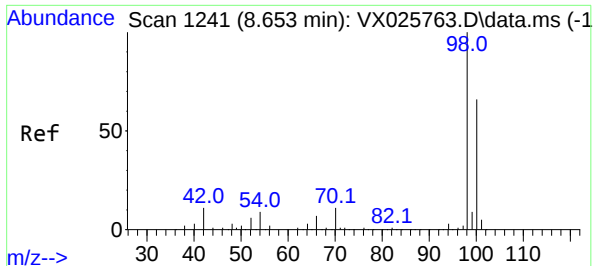
Tgt Ion:114 Resp: 239784
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.404 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025857.D
Acq: 16 Dec 2021 15:54

Tgt Ion:113 Resp: 75929
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 18.5 15.0 22.4

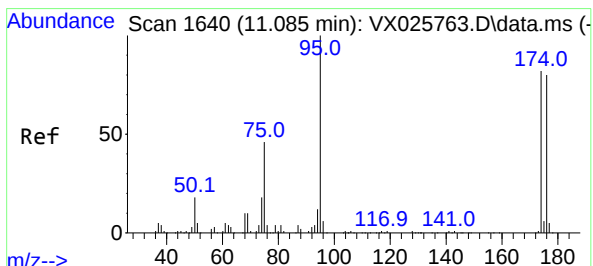
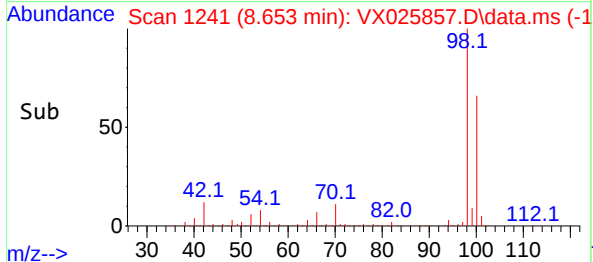
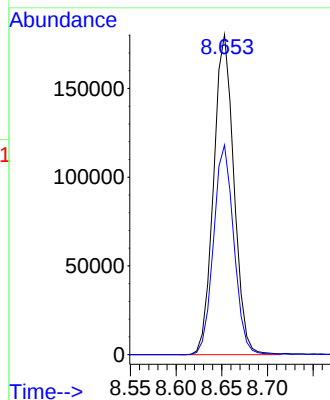
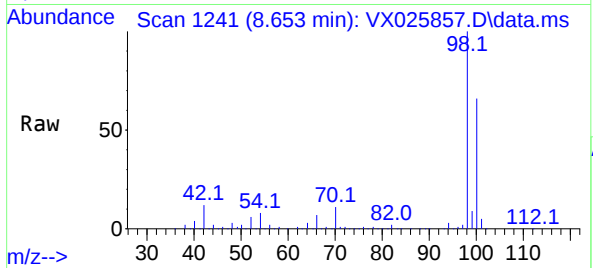




#50
Toluene-d8
Concen: 45.932 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025857.D
Acq: 16 Dec 2021 15:54

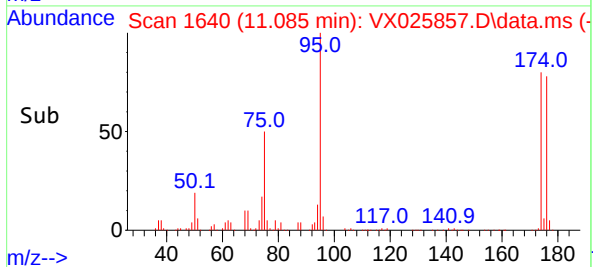
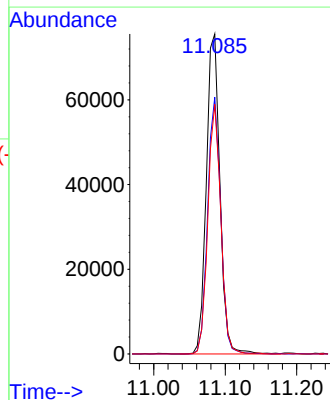
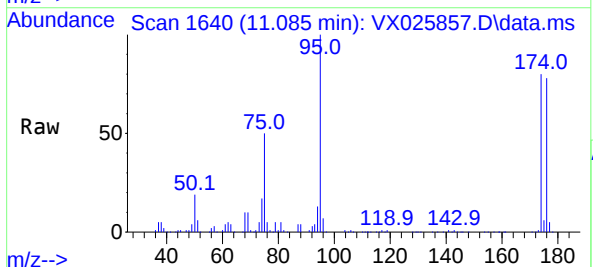
Instrument :
MSVOA_X
ClientSampleId :
C7

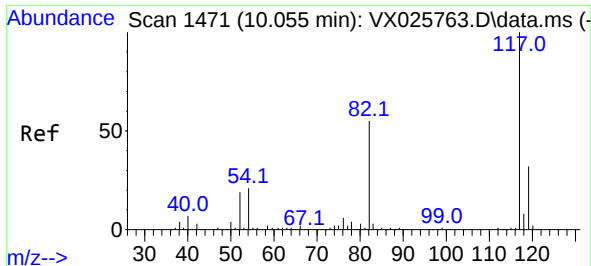
Tgt Ion: 98 Resp: 279864
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.193 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025857.D
Acq: 16 Dec 2021 15:54

Tgt Ion: 95 Resp: 99970
Ion Ratio Lower Upper
95 100
174 77.0 0.0 157.4
176 74.6 0.0 154.6

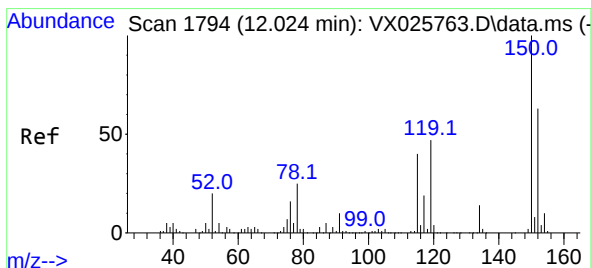
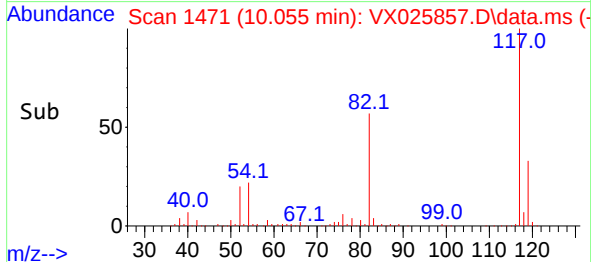
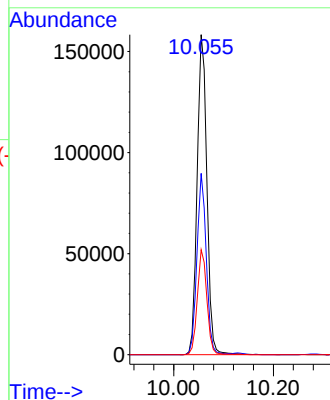
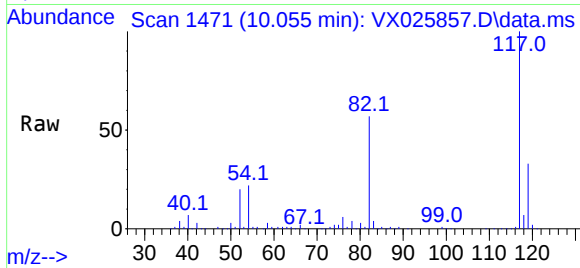




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025857.D
Acq: 16 Dec 2021 15:54

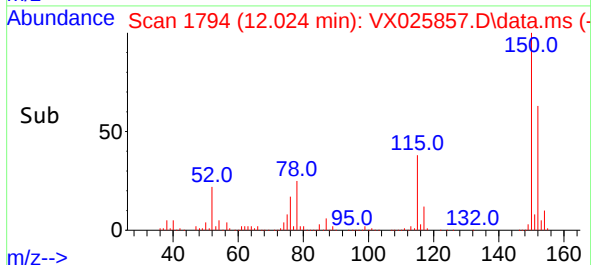
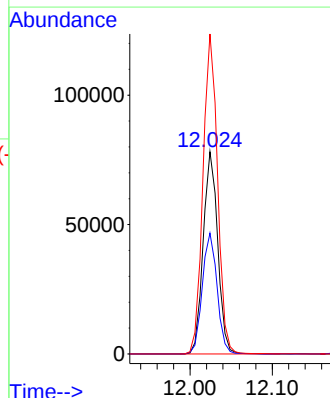
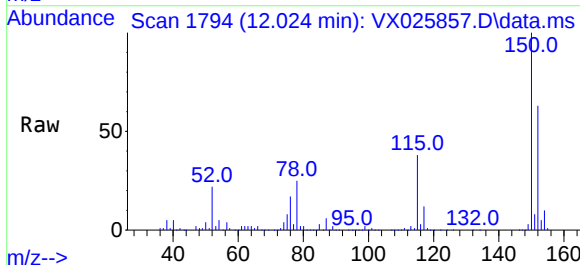
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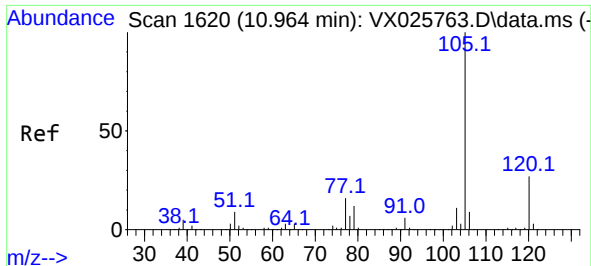
Tgt Ion:117 Resp: 214819
Ion Ratio Lower Upper
117 100
82 56.7 43.8 65.6
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025857.D
Acq: 16 Dec 2021 15:54

Tgt Ion:152 Resp: 95837
Ion Ratio Lower Upper
152 100
115 60.9 41.3 123.9
150 158.9 0.0 351.8

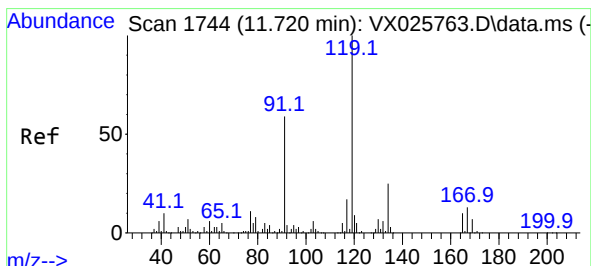
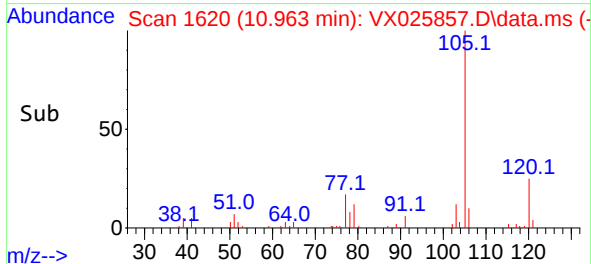
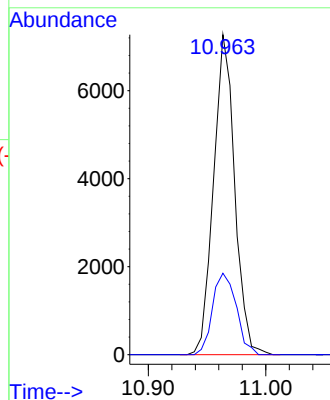
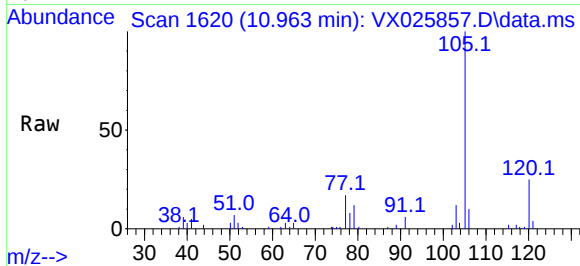




#73
Isopropylbenzene
Concen: 1.309 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025857.D
Acq: 16 Dec 2021 15:54

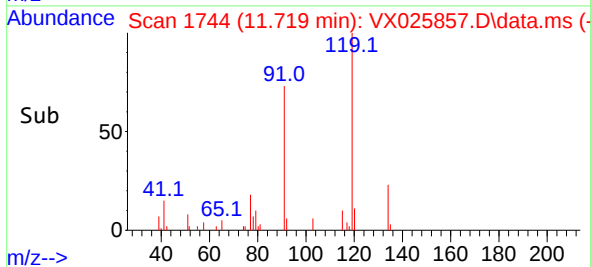
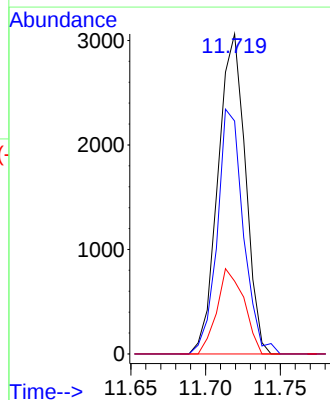
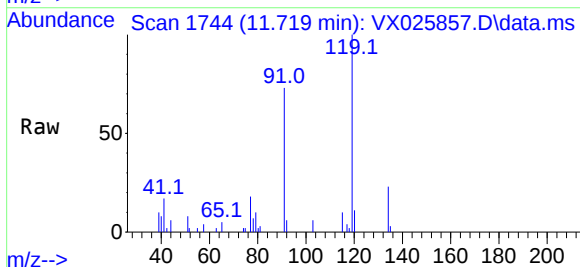
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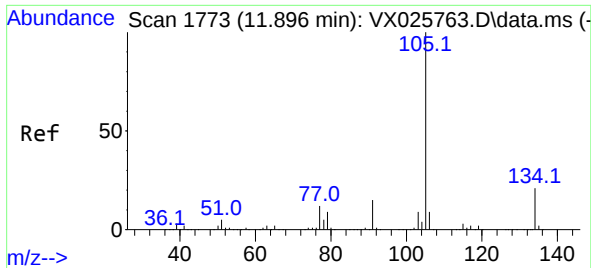
Tgt Ion:105 Resp: 9108
Ion Ratio Lower Upper
105 100
120 28.6 13.6 40.7



#83
tert-Butylbenzene
Concen: 0.690 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX025857.D
Acq: 16 Dec 2021 15:54

Tgt Ion:119 Resp: 3901
Ion Ratio Lower Upper
119 100
91 72.8 28.7 86.1
134 26.2 11.9 35.9





#85
sec-Butylbenzene
Concen: 1.432 ug/l
RT: 11.890 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025857.D
Acq: 16 Dec 2021 15:54

Instrument :
MSVOA_X
ClientSampleId :
C7

Tgt Ion:105 Resp: 9731
Ion Ratio Lower Upper
105 100
134 34.8 10.4 31.1#

