

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025844.D
 Acq On : 16 Dec 2021 03:59
 Operator : JC/MD
 Sample : M5084-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C7

Quant Time: Dec 16 07:36:02 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)

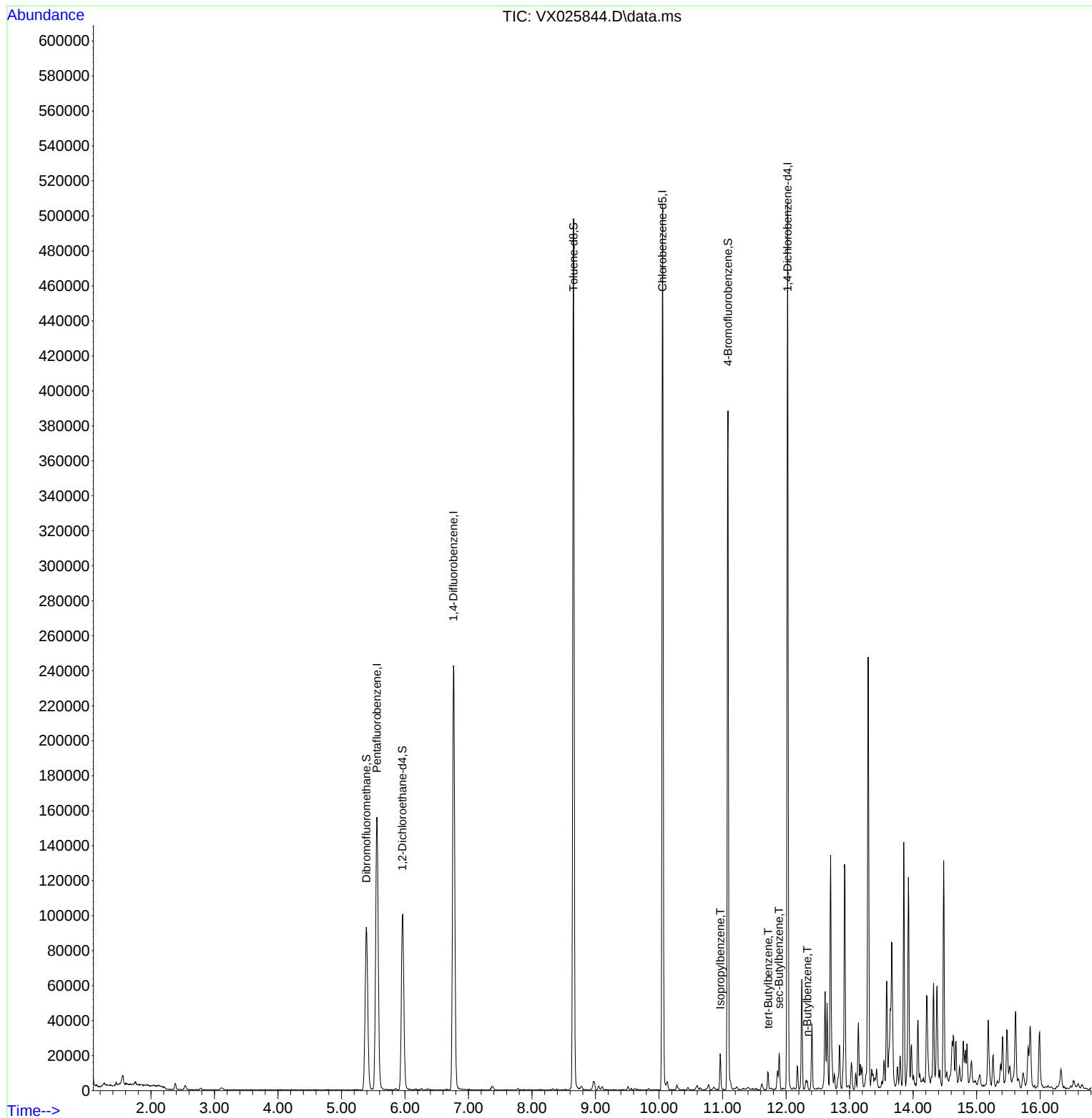
Internal Standards						
1) Pentafluorobenzene	5.556	168	147208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97960	46.250	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.500%
35) Dibromofluoromethane	5.391	113	80489	45.339	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.680%
50) Toluene-d8	8.653	98	293263	45.339	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.680%#
62) 4-Bromofluorobenzene	11.085	95	103956	42.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.620%
Target Compounds						
					Qvalue	
73) Isopropylbenzene	10.963	105	9872	1.367	ug/l	100
83) tert-Butylbenzene	11.719	119	4066	0.692	ug/l	88
85) sec-Butylbenzene	11.890	105	10907	1.545	ug/l	81
89) n-Butylbenzene	12.335	91	1502	0.304	ug/l	99

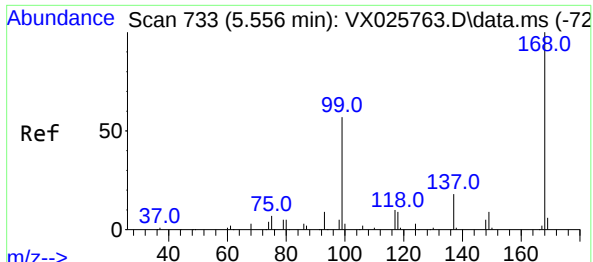
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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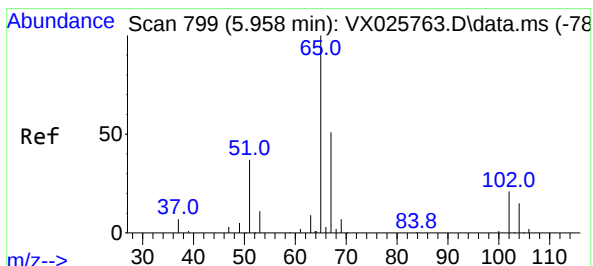
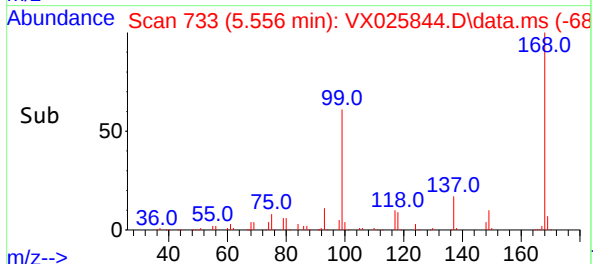
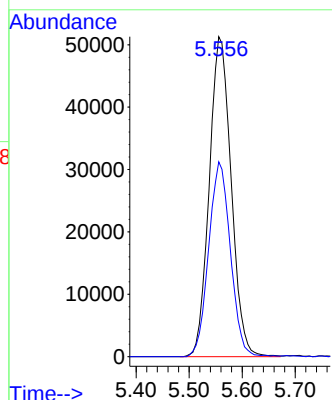
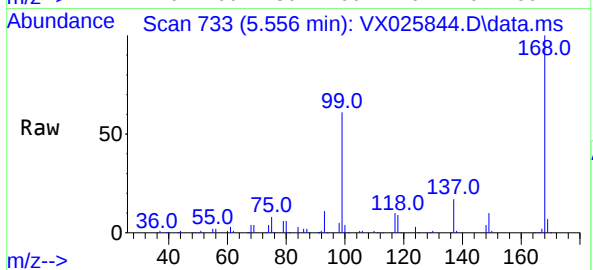




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX025844.D
Acq: 16 Dec 2021 03:59

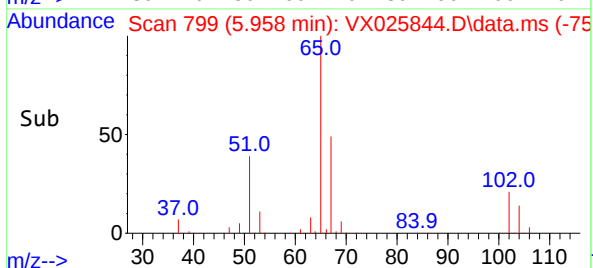
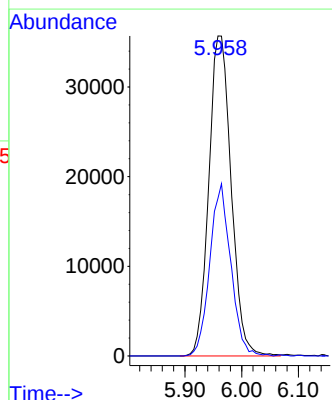
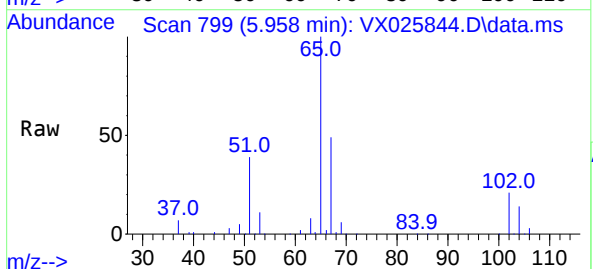
Instrument :
MSVOA_X
ClientSampleId :
C7

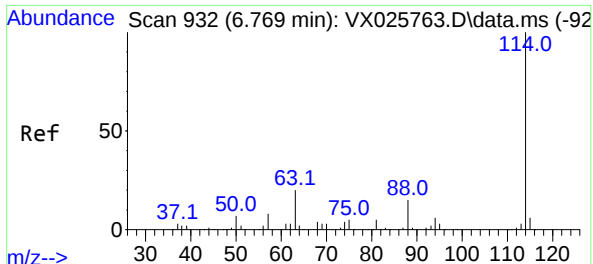
Tgt Ion:168 Resp: 147208
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.8



#33
1,2-Dichloroethane-d4
Concen: 46.250 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025844.D
Acq: 16 Dec 2021 03:59

Tgt Ion: 65 Resp: 97960
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX025844.D

Acq: 16 Dec 2021 03:59

Instrument :

MSVOA_X

ClientSampleId :

C7

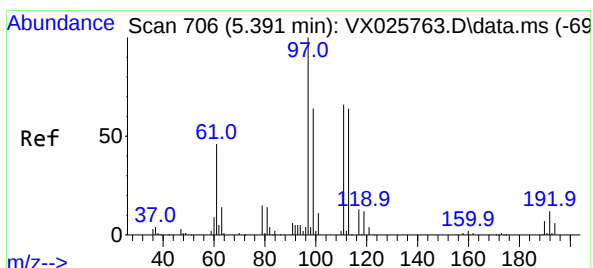
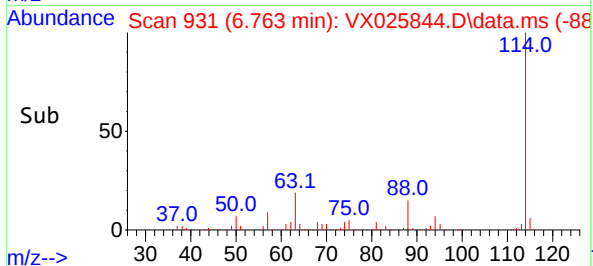
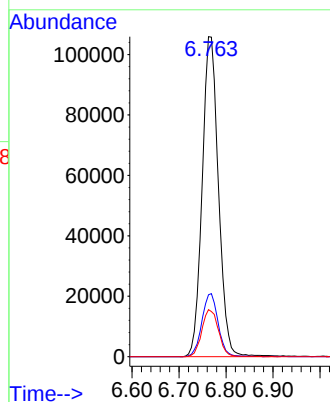
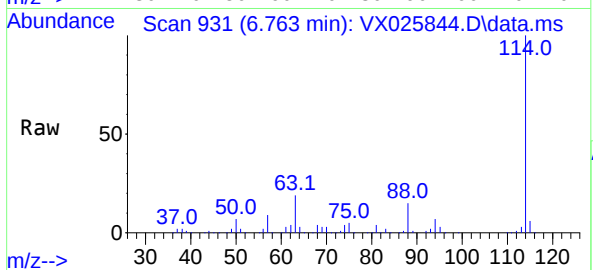
Tgt Ion:114 Resp: 254554

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.339 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025844.D

Acq: 16 Dec 2021 03:59

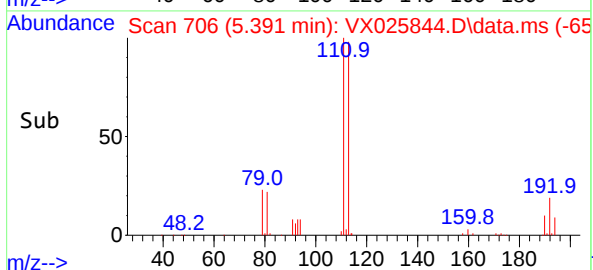
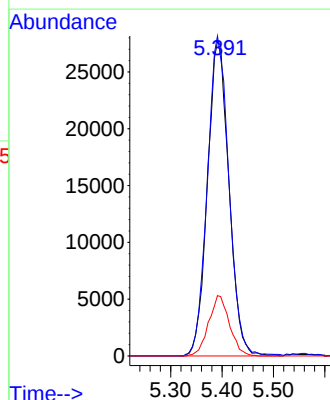
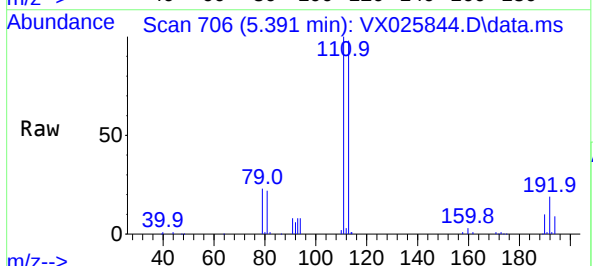
Tgt Ion:113 Resp: 80489

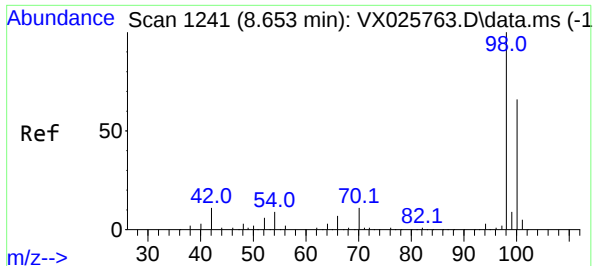
Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 18.5 15.0 22.4

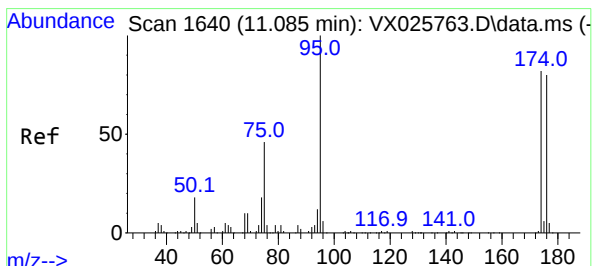
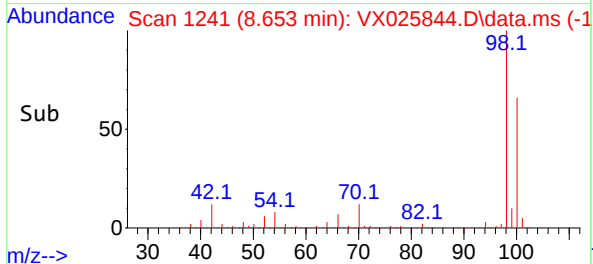
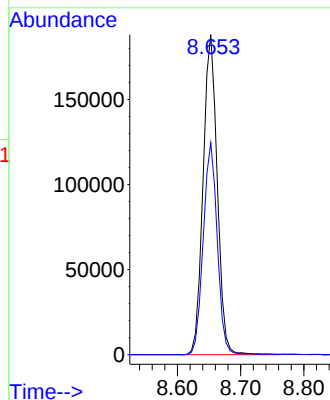
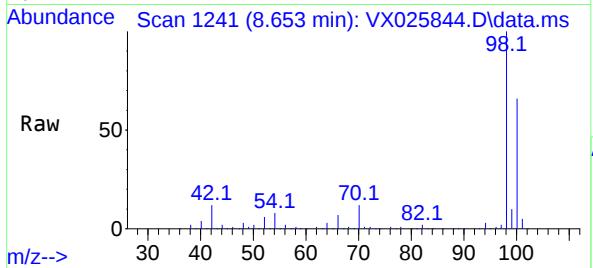




#50
Toluene-d8
Concen: 45.339 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025844.D
Acq: 16 Dec 2021 03:59

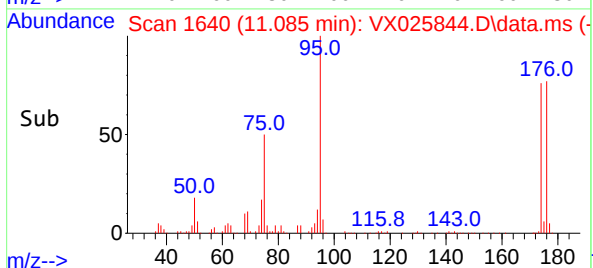
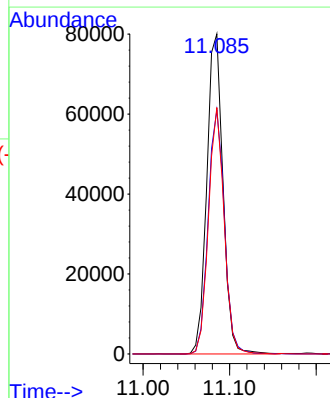
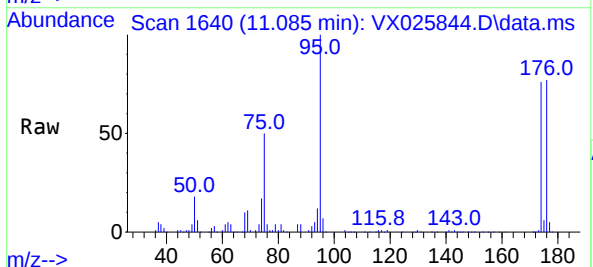
Instrument :
MSVOA_X
ClientSampleId :
C7

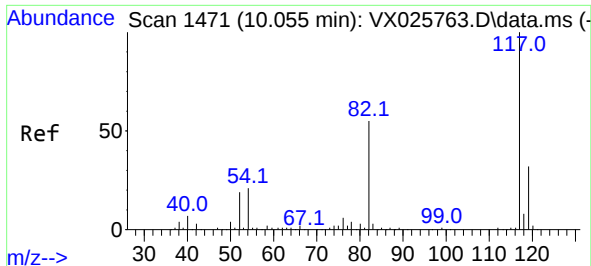
Tgt Ion: 98 Resp: 293263
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 42.309 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025844.D
Acq: 16 Dec 2021 03:59

Tgt Ion: 95 Resp: 103956
Ion Ratio Lower Upper
95 100
174 76.5 0.0 157.4
176 74.5 0.0 154.6

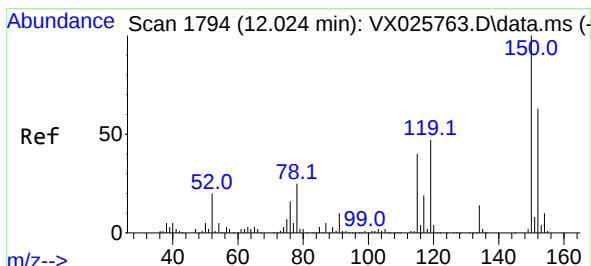
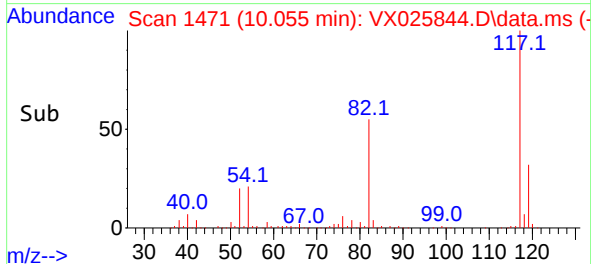
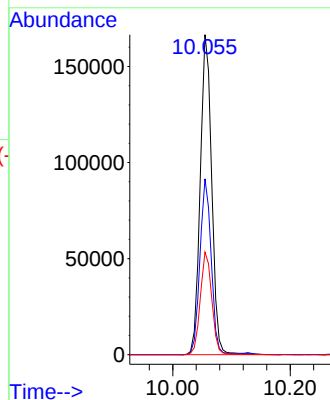
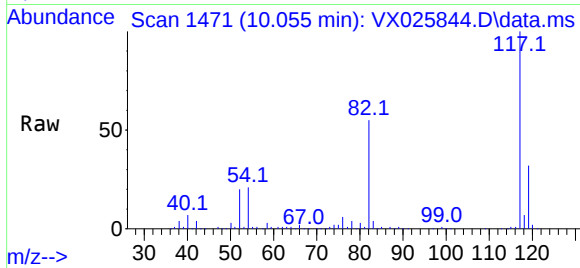




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025844.D
Acq: 16 Dec 2021 03:59

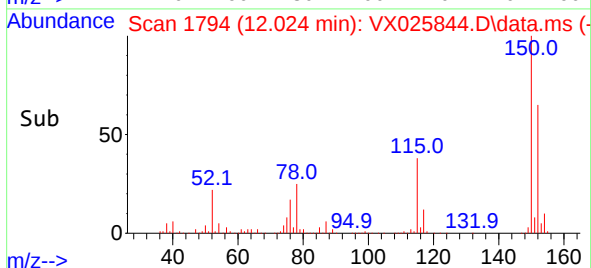
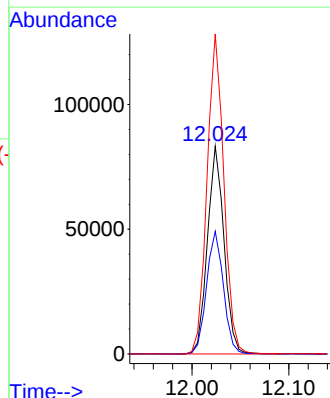
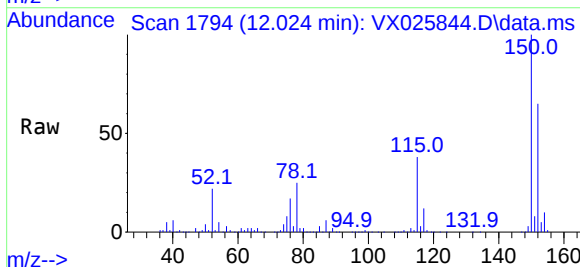
Instrument :
MSVOA_X
ClientSampleId :
C7

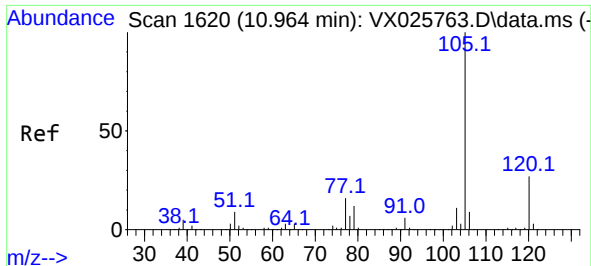
Tgt Ion:117 Resp: 226019
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.6
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025844.D
Acq: 16 Dec 2021 03:59

Tgt Ion:152 Resp: 99531
Ion Ratio Lower Upper
152 100
115 60.4 41.3 123.9
150 155.8 0.0 351.8

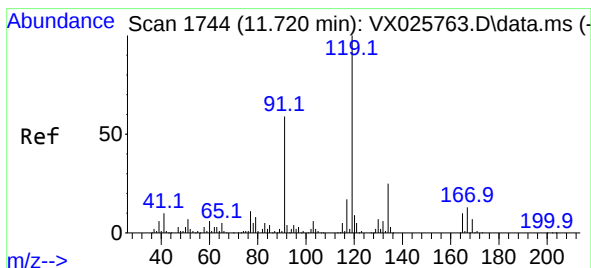
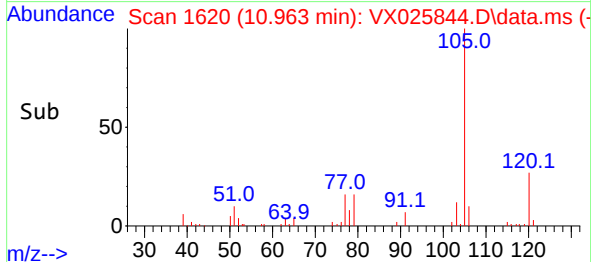
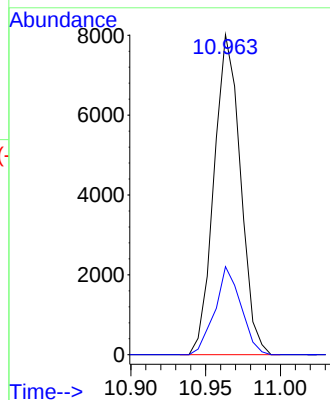
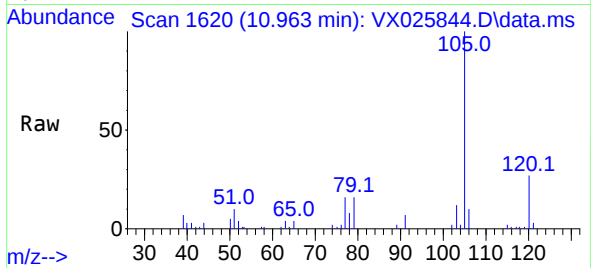




#73
Isopropylbenzene
Concen: 1.367 ug/l
RT: 10.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025844.D
Acq: 16 Dec 2021 03:59

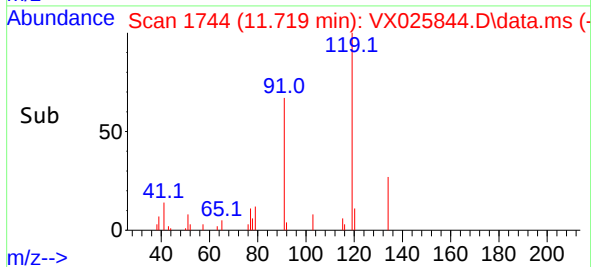
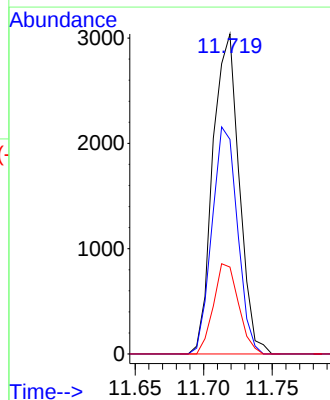
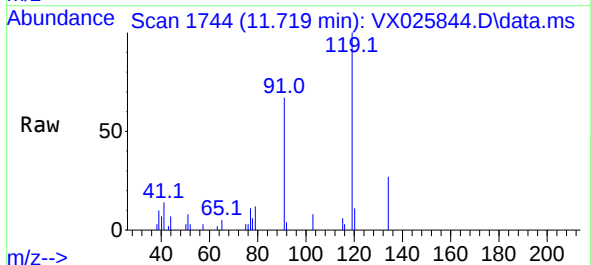
Instrument :
MSVOA_X
ClientSampleId :
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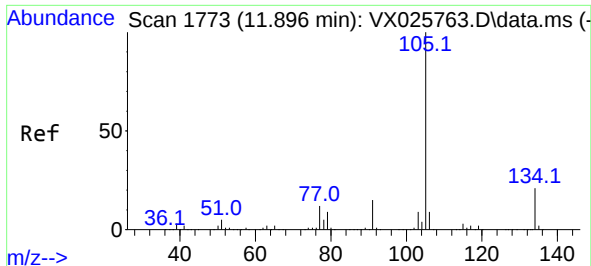
Tgt Ion:105 Resp: 9872
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7



#83
tert-Butylbenzene
Concen: 0.692 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX025844.D
Acq: 16 Dec 2021 03:59

Tgt Ion:119 Resp: 4066
Ion Ratio Lower Upper
119 100
91 68.6 28.7 86.1
134 26.9 11.9 35.9

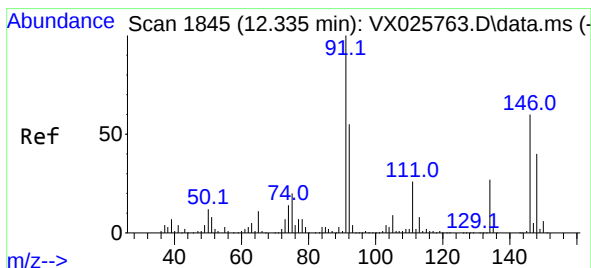
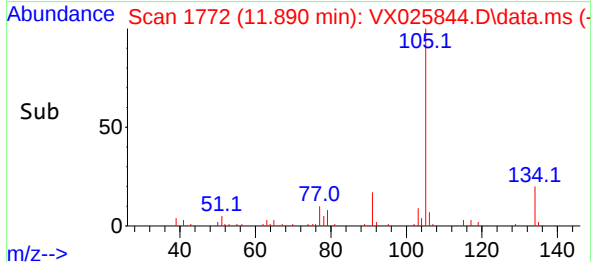
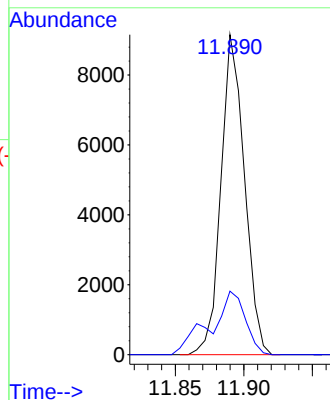
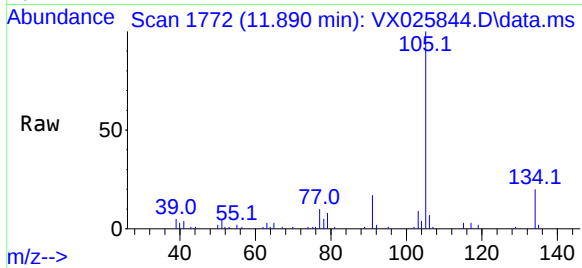




#85
 sec-Butylbenzene
 Concen: 1.545 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX025844.D
 Acq: 16 Dec 2021 03:59

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:105 Resp: 10907
 Ion Ratio Lower Upper
 105 100
 134 29.5 10.4 31.1



#89
 n-Butylbenzene
 Concen: 0.304 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX025844.D
 Acq: 16 Dec 2021 03:59

Tgt Ion: 91 Resp: 1502
 Ion Ratio Lower Upper
 91 100
 92 54.1 27.3 81.8
 134 27.2 13.5 40.4

