

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035911.D
 Acq On : 30 May 2023 17:11
 Operator : JC/MD
 Sample : 02888-01DL 50X
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-H4(BHF)DL

Quant Time: May 31 05:48:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

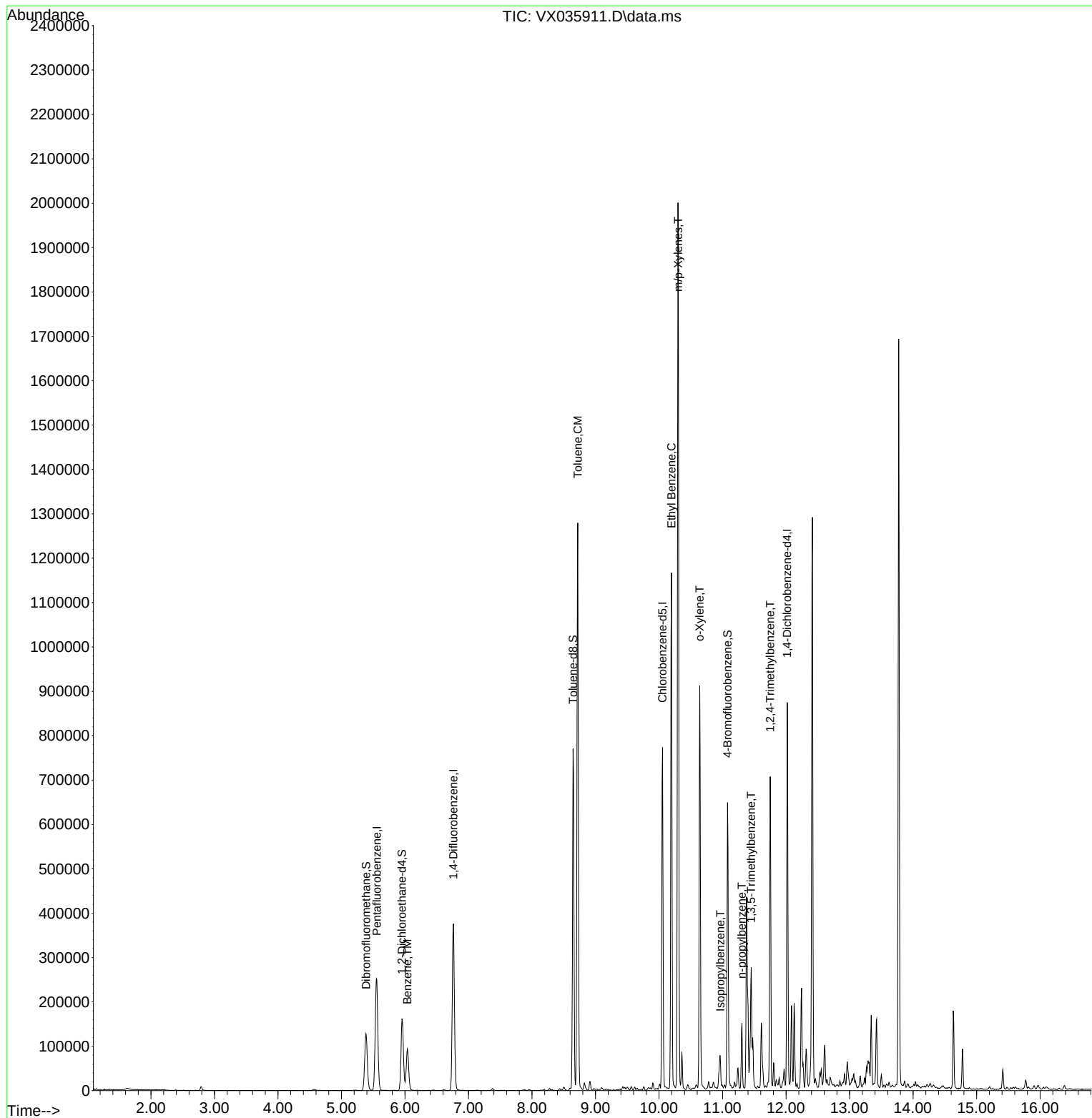
Internal Standards						
1) Pentafluorobenzene	5.556	168	221246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	366456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	159543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163033	41.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.940%		
35) Dibromofluoromethane	5.385	113	111945	44.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.940%		
50) Toluene-d8	8.647	98	432500	46.817	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.640%		
62) 4-Bromofluorobenzene	11.079	95	172232	47.320	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.640%		
Target Compounds						
					Qvalue	
40) Benzene	6.037	78	106848	9.980	ug/l	98
52) Toluene	8.720	92	466850	69.433	ug/l	100
67) Ethyl Benzene	10.195	91	644746	50.426	ug/l	99
68) m/p-Xylenes	10.299	106	423598	89.545	ug/l	100
69) o-Xylene	10.640	106	184432	39.244	ug/l	98
73) Isopropylbenzene	10.963	105	38048	2.940	ug/l	98
78) n-propylbenzene	11.305	91	86982	5.768	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	107919	9.789	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	294285	26.655	ug/l	100

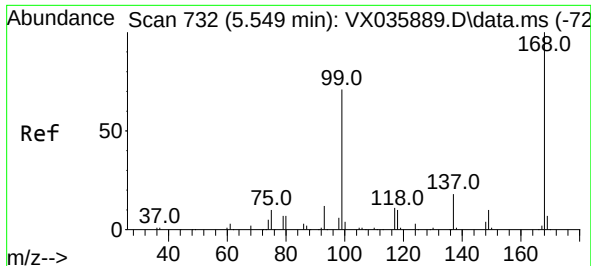
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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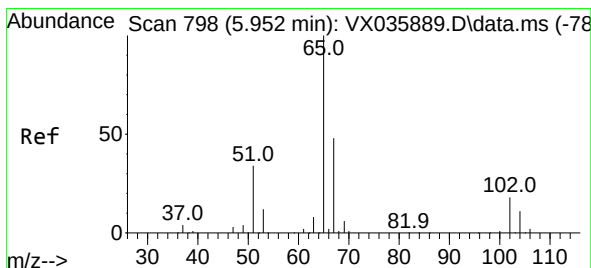
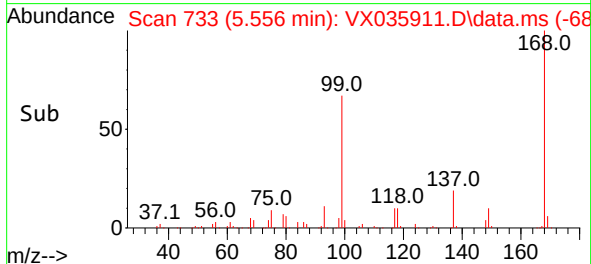
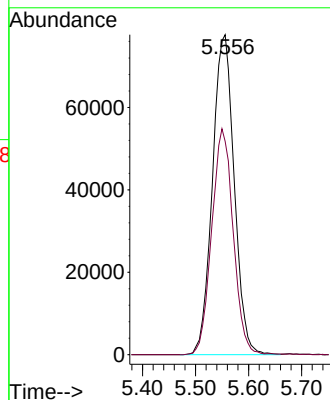
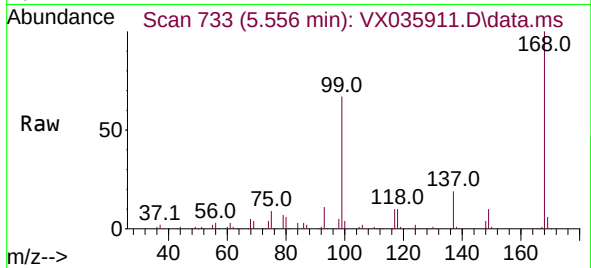




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.007 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

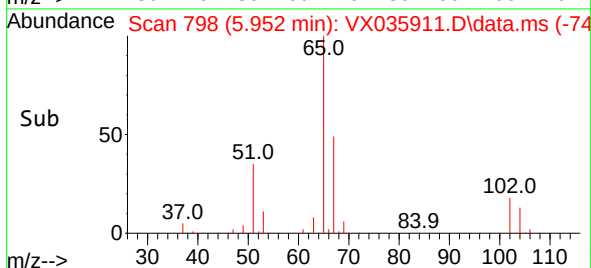
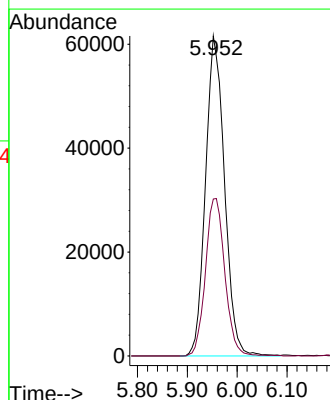
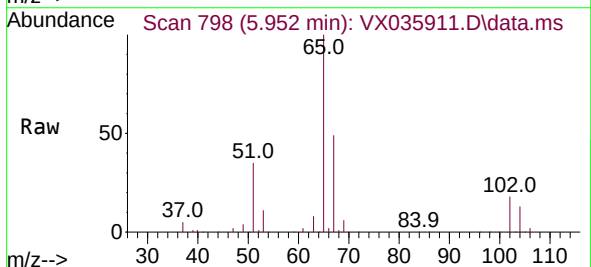
Instrument :
MSVOA_X
ClientSampleId :
S-H4(BHF)DL

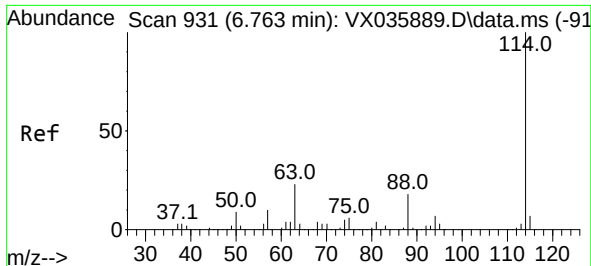
Tgt Ion:168 Resp: 221246
Ion Ratio Lower Upper
168 100
99 66.6 57.0 85.6



#33
1,2-Dichloroethane-d4
Concen: 41.466 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

Tgt Ion: 65 Resp: 163033
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.6

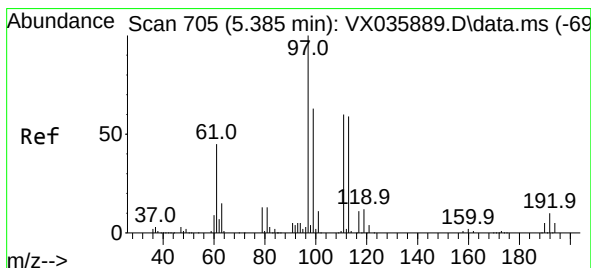
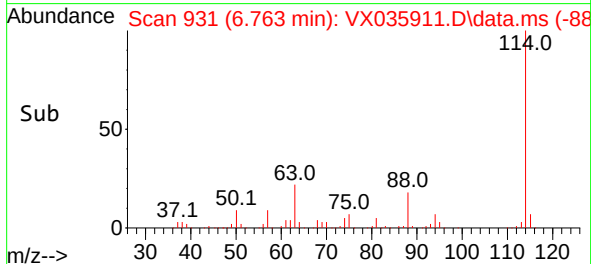
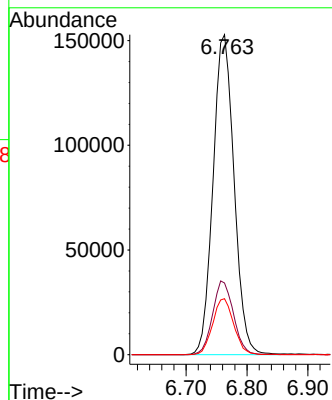
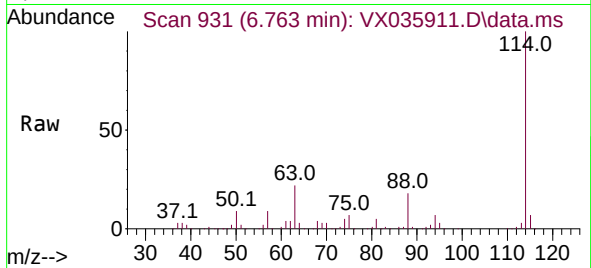




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

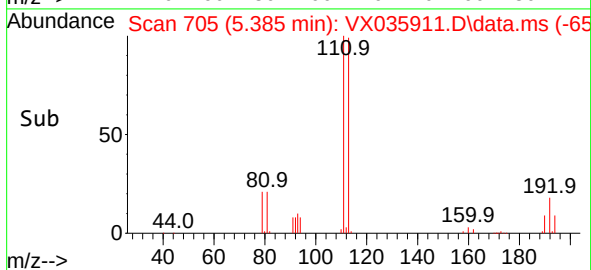
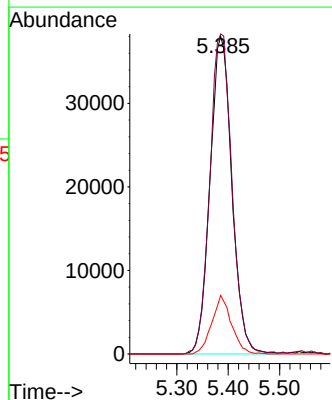
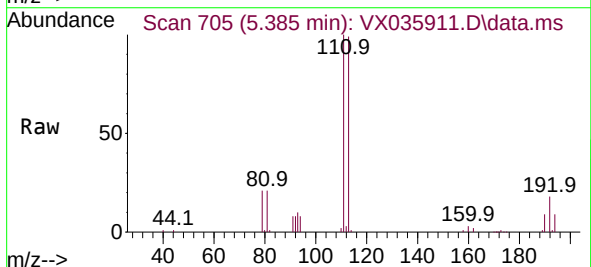
Instrument :
MSVOA_X
ClientSampleId :
S-H4(BHF)DL

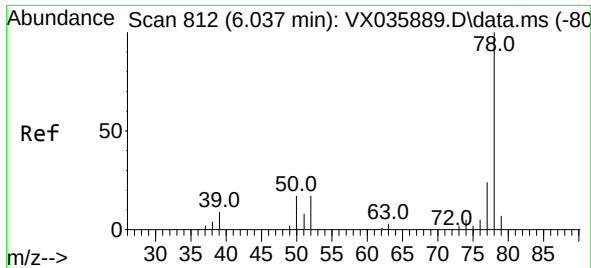
Tgt Ion:114 Resp: 366456
Ion Ratio Lower Upper
114 100
63 22.4 0.0 46.0
88 17.5 0.0 35.2



#35
Dibromofluoromethane
Concen: 44.472 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

Tgt Ion:113 Resp: 111945
Ion Ratio Lower Upper
113 100
111 102.4 81.7 122.5
192 16.6 13.5 20.3

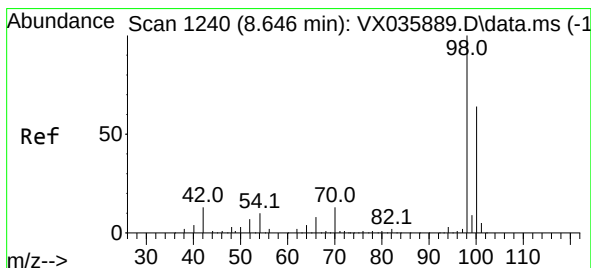
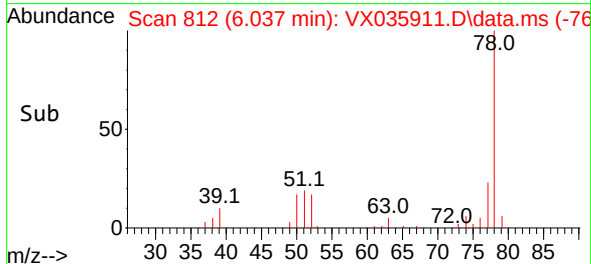
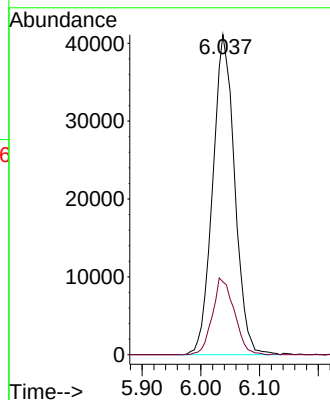
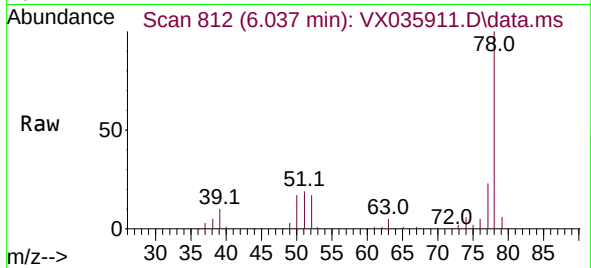




#40
Benzene
Concen: 9.980 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

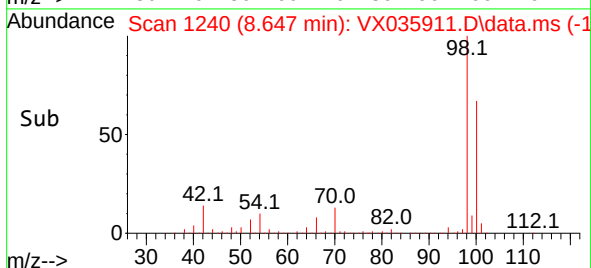
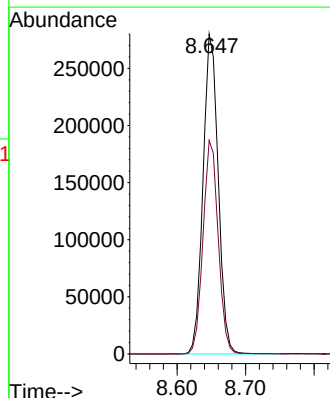
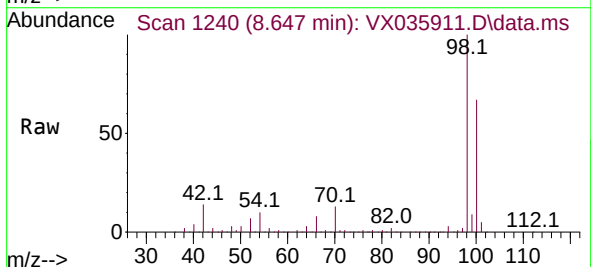
Instrument :
MSVOA_X
ClientSampleId :
S-H4(BHF)DL

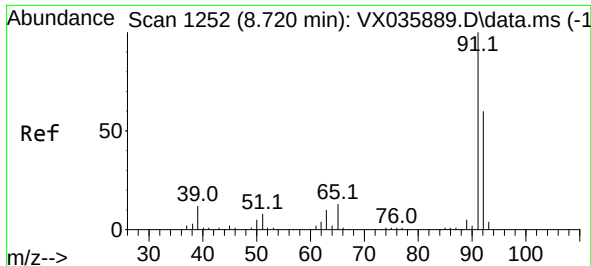
Tgt Ion: 78 Resp: 106848
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6



#50
Toluene-d8
Concen: 46.817 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

Tgt Ion: 98 Resp: 432500
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.0

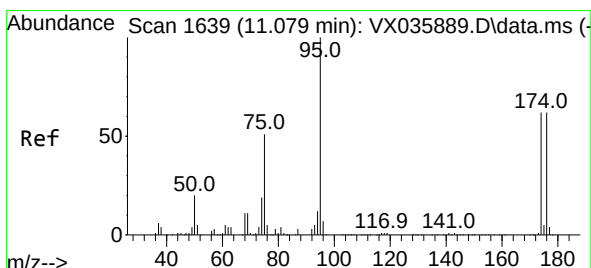
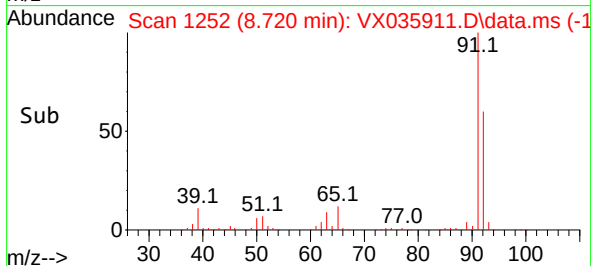
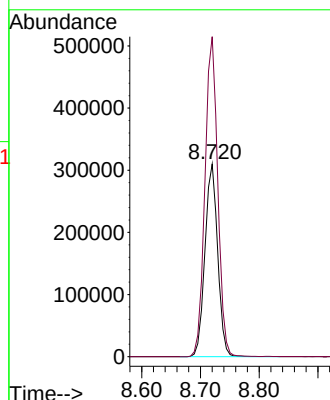
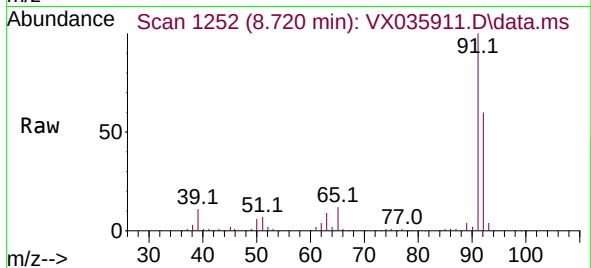




#52
Toluene
Concen: 69.433 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

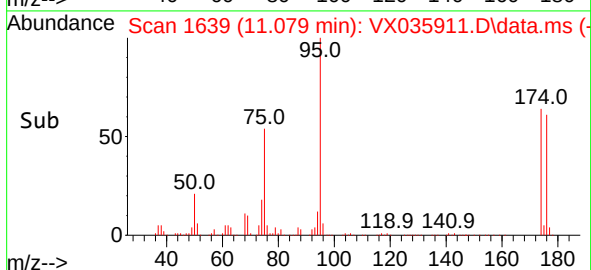
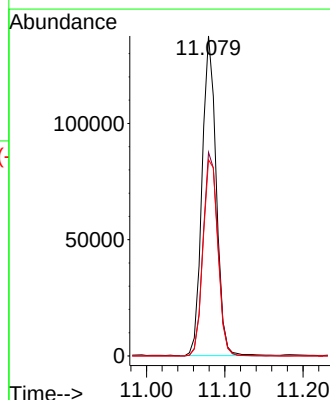
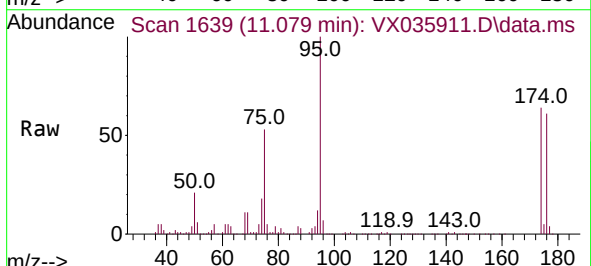
Instrument :
MSVOA_X
ClientSampleId :
S-H4(BHF)DL

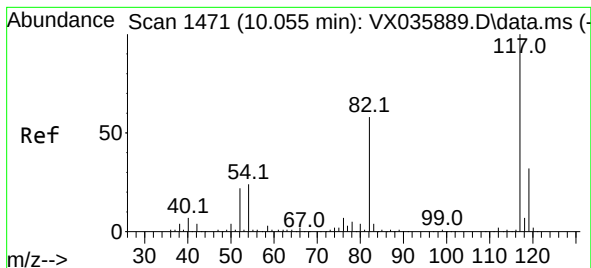
Tgt Ion: 92 Resp: 466850
Ion Ratio Lower Upper
92 100
91 167.0 133.5 200.3



#62
4-Bromofluorobenzene
Concen: 47.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

Tgt Ion: 95 Resp: 172232
Ion Ratio Lower Upper
95 100
174 66.3 0.0 132.6
176 64.5 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035911.D

Acq: 30 May 2023 17:11

Instrument :

MSVOA_X

ClientSampleId :

S-H4(BHF)DL

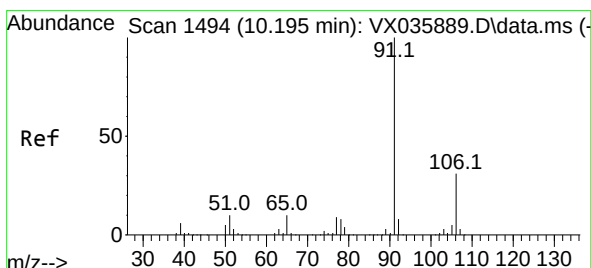
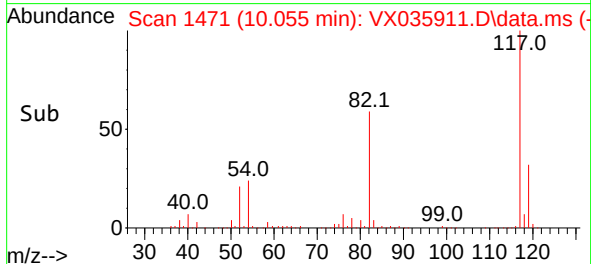
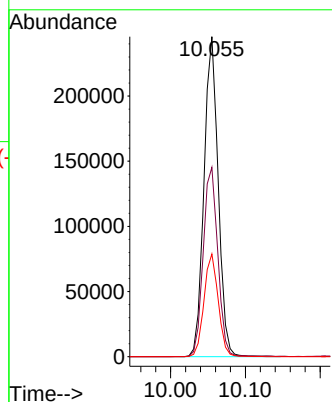
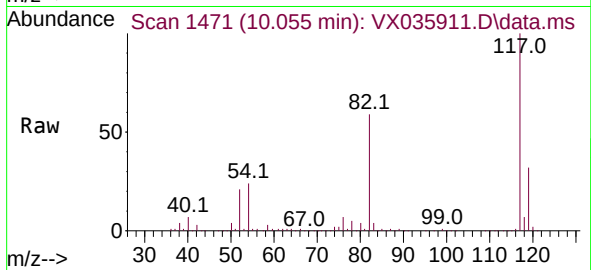
Tgt Ion:117 Resp: 323706

Ion Ratio Lower Upper

117 100

82 59.1 46.6 69.8

119 32.1 25.4 38.2



#67

Ethyl Benzene

Concen: 50.426 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035911.D

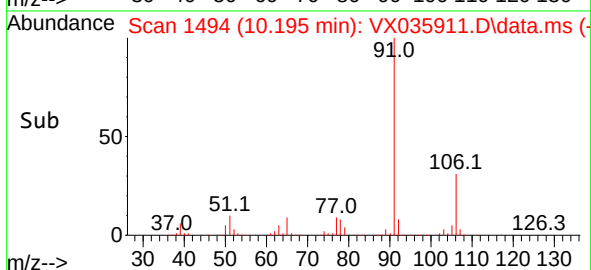
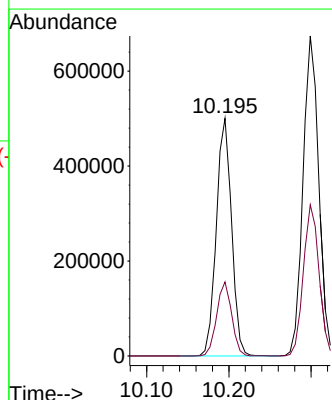
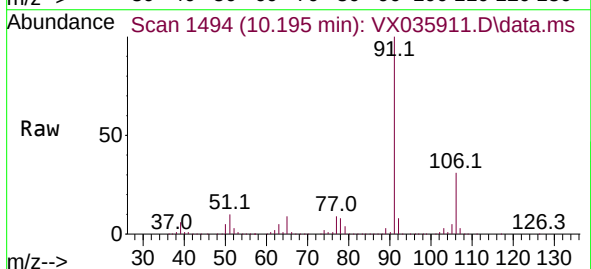
Acq: 30 May 2023 17:11

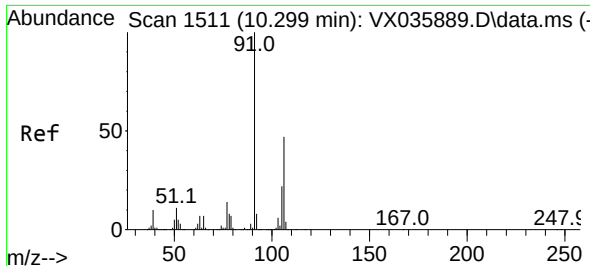
Tgt Ion: 91 Resp: 644746

Ion Ratio Lower Upper

91 100

106 31.2 24.6 37.0

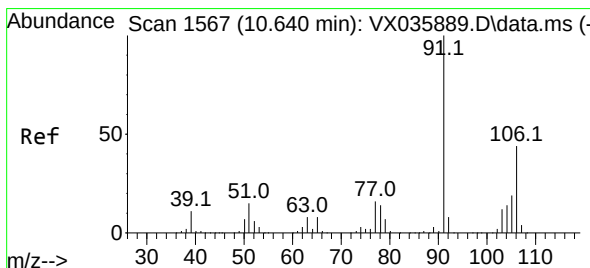
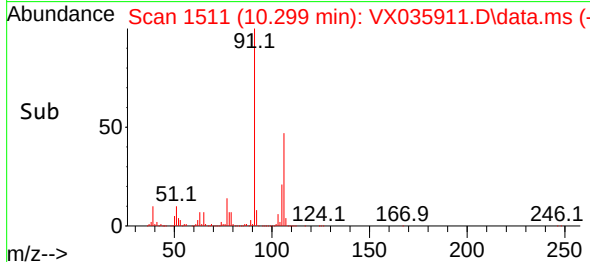
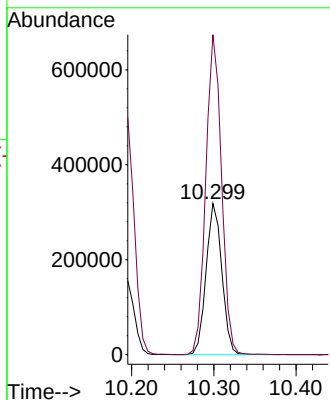
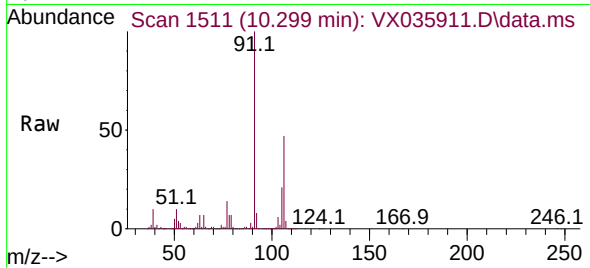




#68
m/p-Xylenes
Concen: 89.545 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

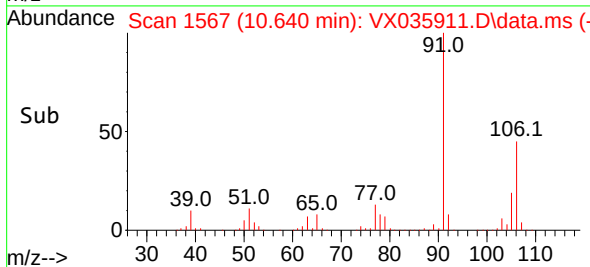
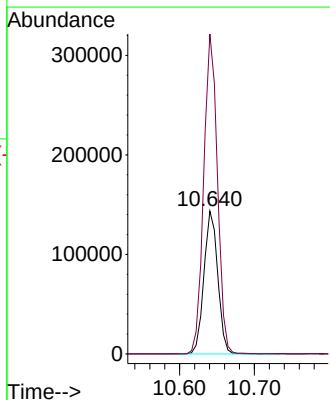
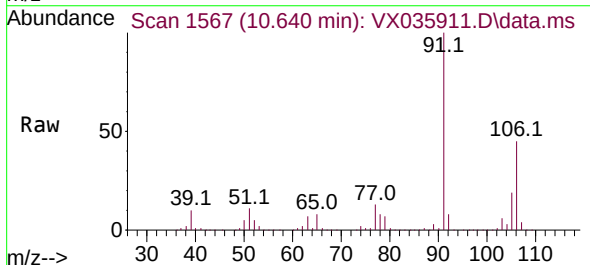
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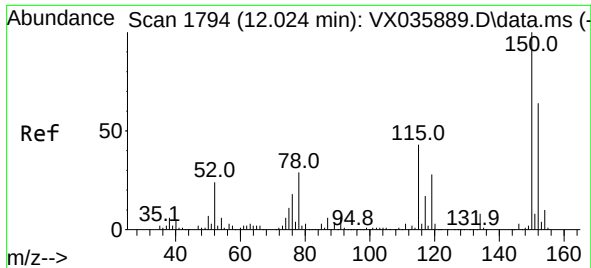
Tgt Ion:106 Resp: 423598
Ion Ratio Lower Upper
106 100
91 211.7 169.8 254.8



#69
o-Xylene
Concen: 39.244 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

Tgt Ion:106 Resp: 184432
Ion Ratio Lower Upper
106 100
91 221.8 112.5 337.4

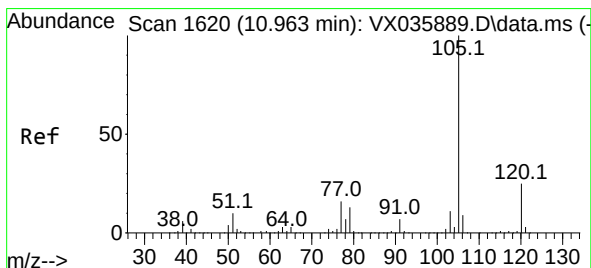
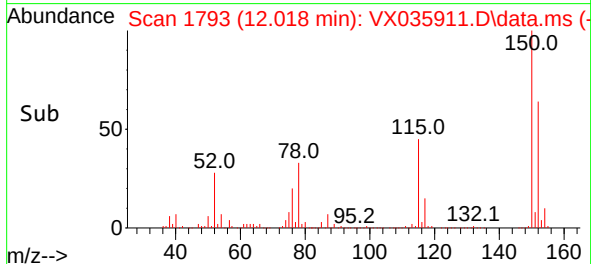
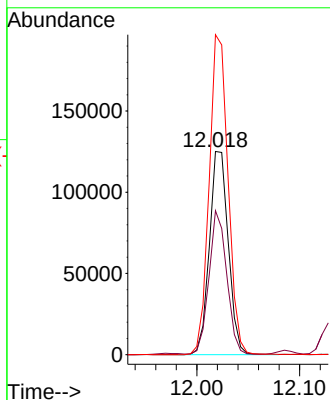
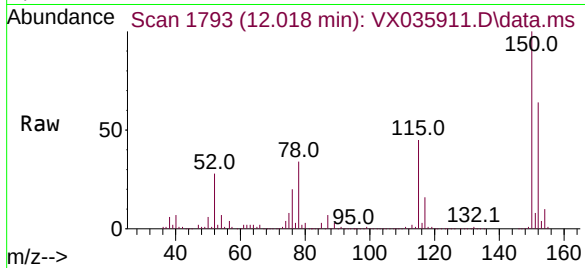




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

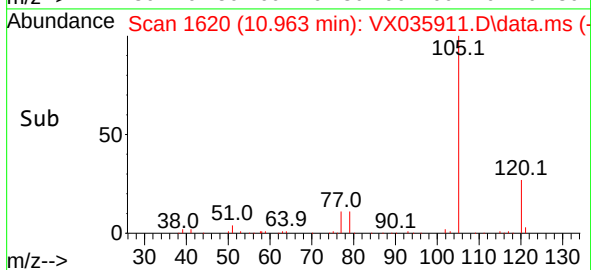
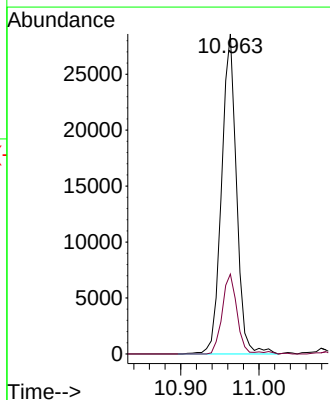
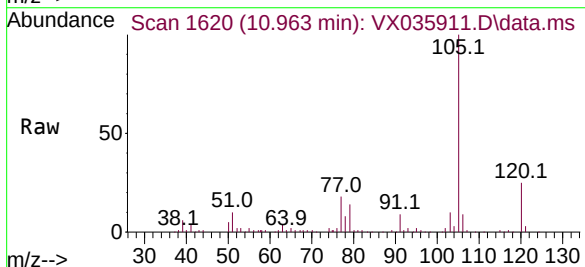
Instrument :
MSVOA_X
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S-H4(BHF)DL

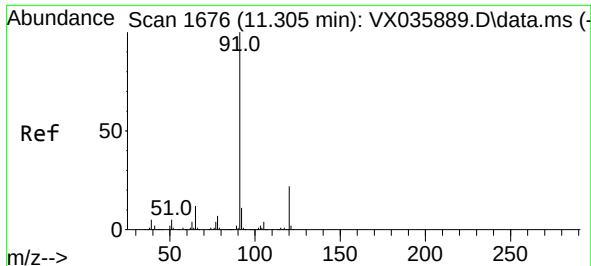
Tgt Ion:152 Resp: 159543
Ion Ratio Lower Upper
152 100
115 66.5 45.5 136.5
150 157.3 0.0 345.2



#73
Isopropylbenzene
Concen: 2.940 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

Tgt Ion:105 Resp: 38048
Ion Ratio Lower Upper
105 100
120 24.3 12.7 38.0

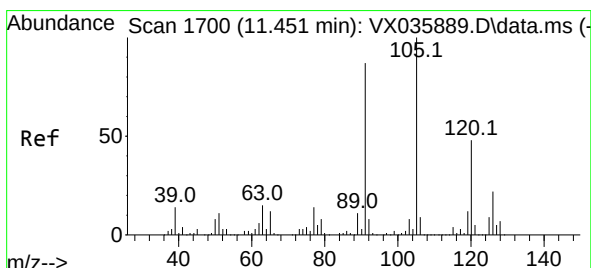
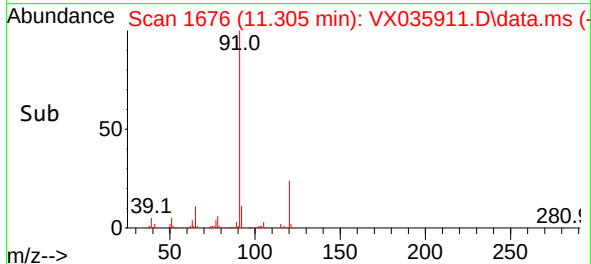
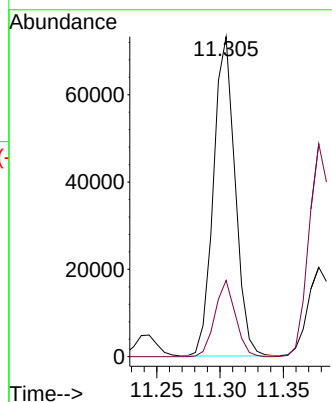
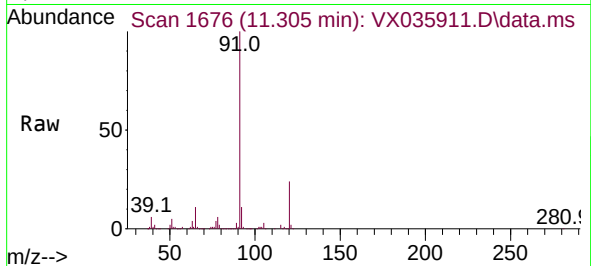




#78
n-propylbenzene
Concen: 5.768 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

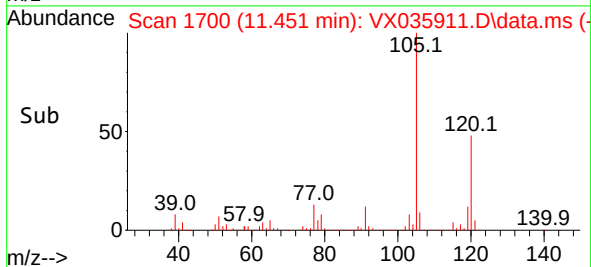
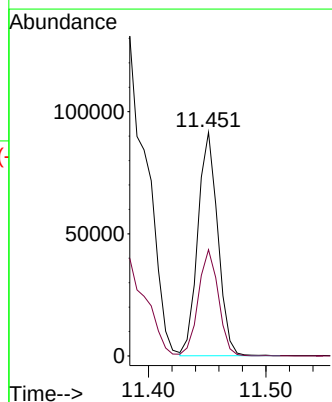
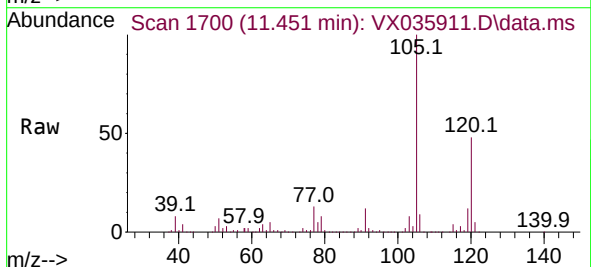
Instrument :
MSVOA_X
ClientSampleId :
S-H4(BHF)DL

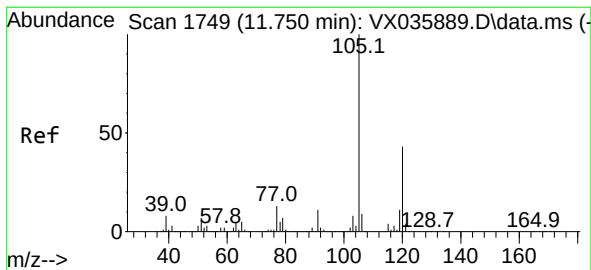
Tgt Ion: 91 Resp: 86982
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9



#80
1,3,5-Trimethylbenzene
Concen: 9.789 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035911.D
Acq: 30 May 2023 17:11

Tgt Ion: 105 Resp: 107919
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.4





#84
 1,2,4-Trimethylbenzene
 Concen: 26.655 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035911.D
 Acq: 30 May 2023 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 S-H4(BHF)DL

Tgt Ion:105 Resp: 294285
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.6 64.8

