

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032827.D
 Acq On : 15 Nov 2022 16:58
 Operator : JC/MD
 Sample : N5614-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16S

Quant Time: Nov 16 03:34:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

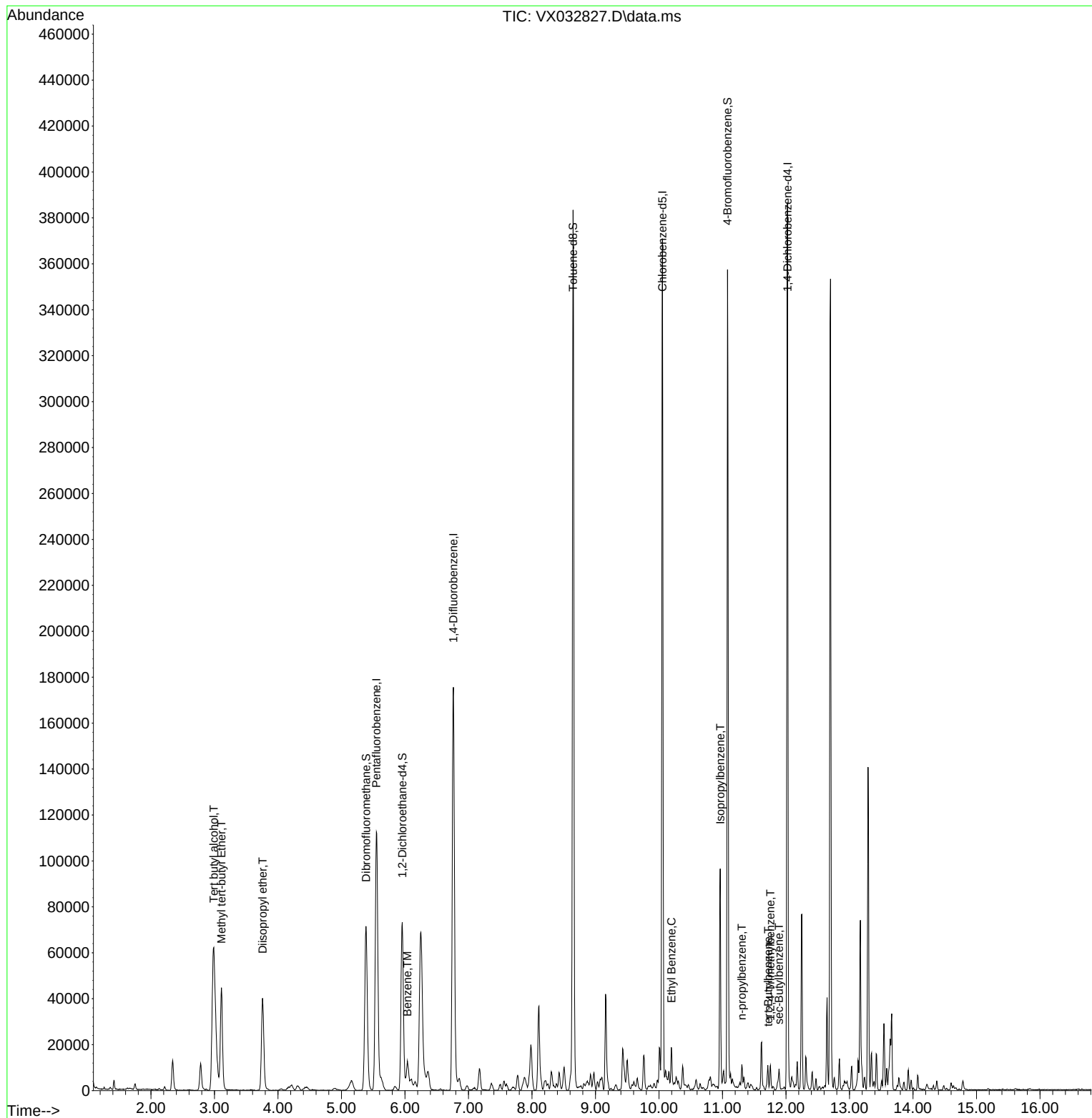
Internal Standards						
1) Pentafluorobenzene	5.550	168	108106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74773	49.779	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.560%
35) Dibromofluoromethane	5.385	113	60605	47.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	8.647	98	222596	50.295	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.600%
62) 4-Bromofluorobenzene	11.079	95	88121	50.972	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	122700	561.222	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	40865	10.724	ug/l #	78
22) Diisopropyl ether	3.757	45	41812	11.185	ug/l #	85
40) Benzene	6.037	78	14435	2.878	ug/l	91
67) Ethyl Benzene	10.195	91	10443	1.592	ug/l	97
73) Isopropylbenzene	10.963	105	47087	7.620	ug/l	100
78) n-propylbenzene	11.305	91	5735	0.806	ug/l	100
83) tert-Butylbenzene	11.719	119	3778	0.717	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	5030	0.958	ug/l	99
85) sec-Butylbenzene	11.890	105	2963	0.467	ug/l	89

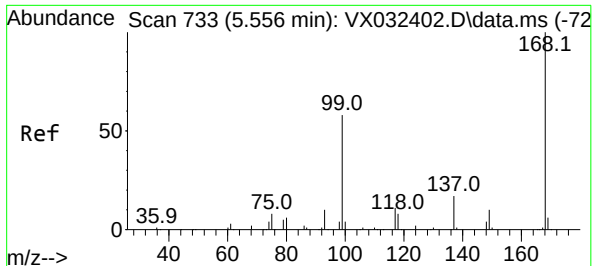
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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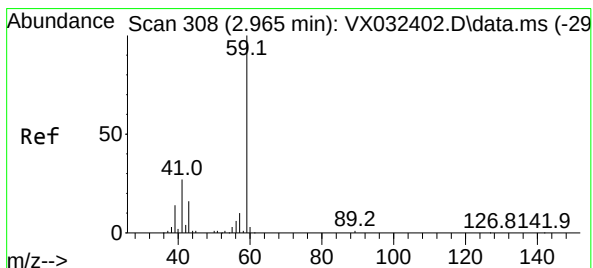
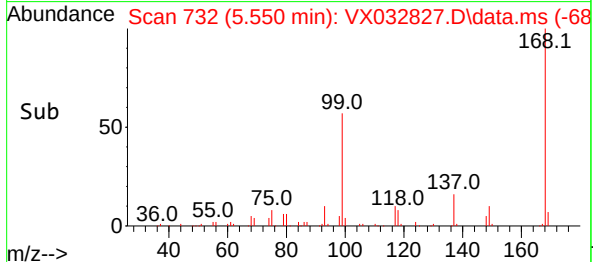
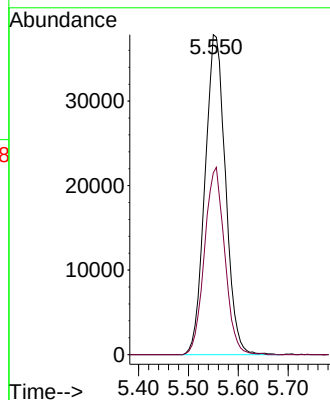
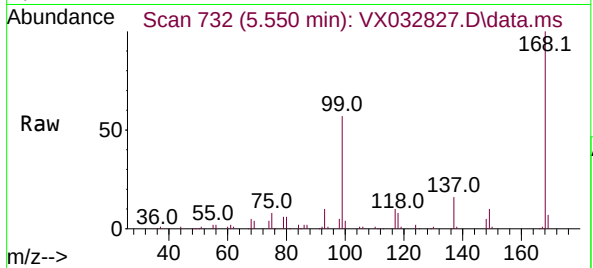




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

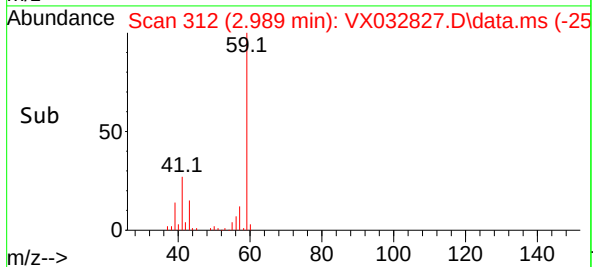
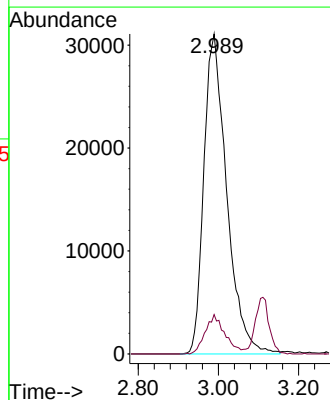
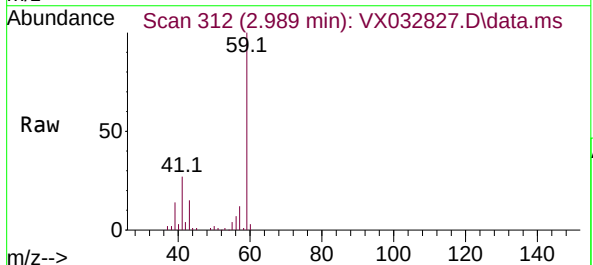
Instrument :
MSVOA_X
ClientSampleId :
MW-16S

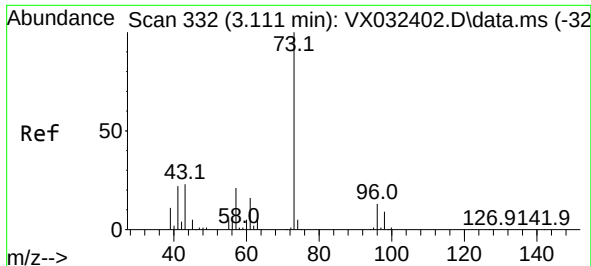
Tgt Ion:168 Resp: 108106
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 561.222 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

Tgt Ion: 59 Resp: 122700
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

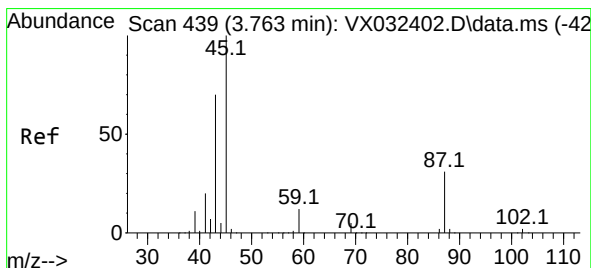
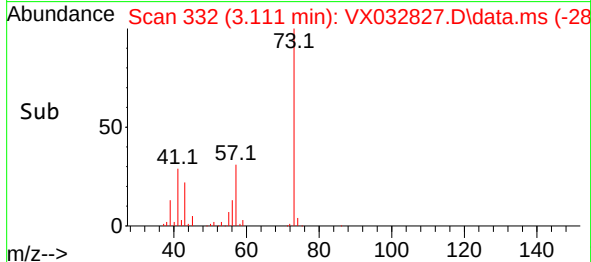
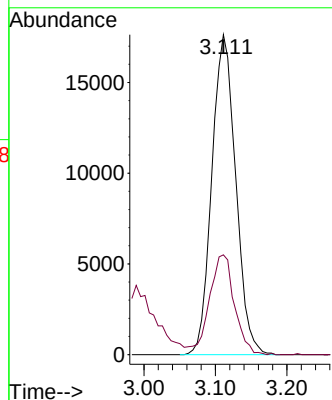
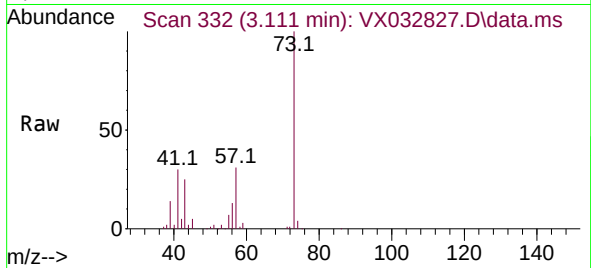




#19
Methyl tert-butyl Ether
Concen: 10.724 ug/l
RT: 3.111 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

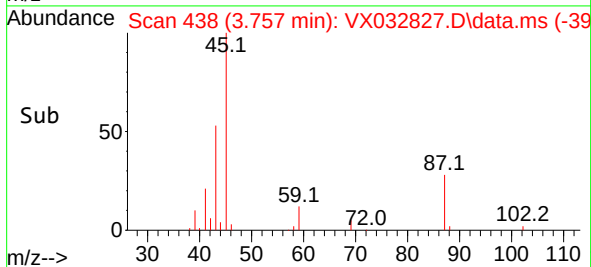
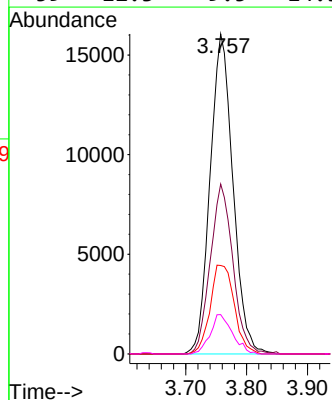
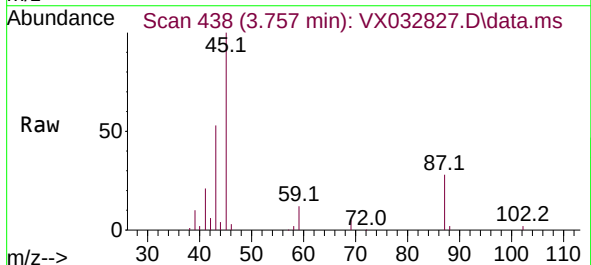
Instrument :
MSVOA_X
ClientSampleId :
MW-16S

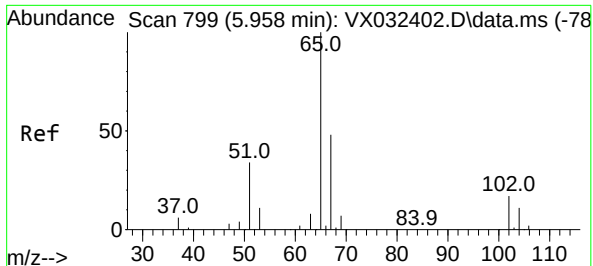
Tgt Ion: 73 Resp: 40865
Ion Ratio Lower Upper
73 100
57 31.2 16.6 25.0#



#22
Diisopropyl ether
Concen: 11.185 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

Tgt Ion: 45 Resp: 41812
Ion Ratio Lower Upper
45 100
43 53.1 56.4 84.6#
87 27.6 24.4 36.6
59 12.3 9.5 14.3





#33

1,2-Dichloroethane-d4

Concen: 49.779 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032827.D

Acq: 15 Nov 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

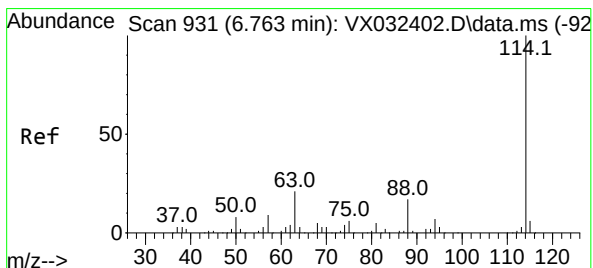
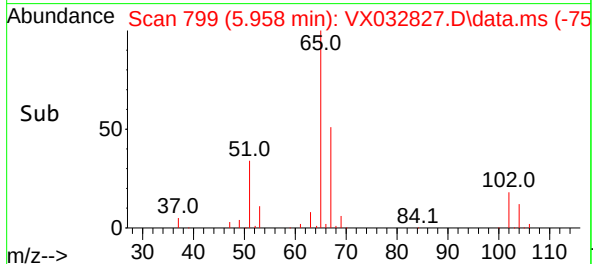
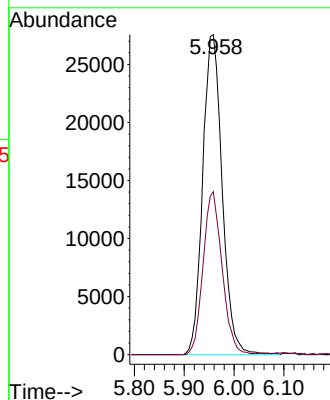
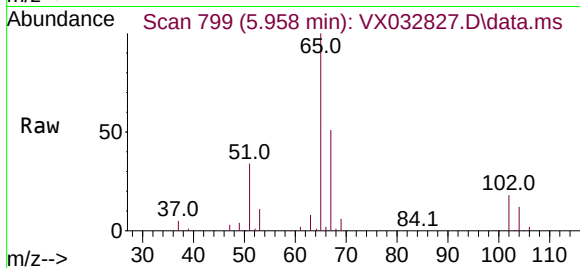
MW-16S

Tgt Ion: 65 Resp: 74773

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032827.D

Acq: 15 Nov 2022 16:58

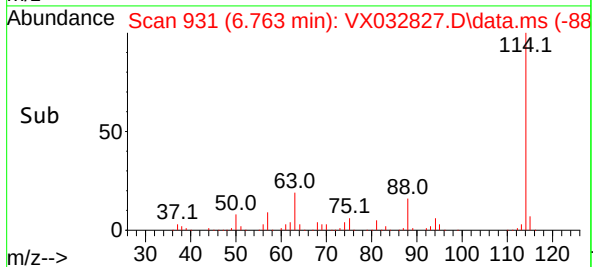
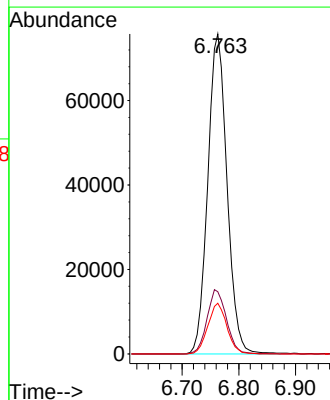
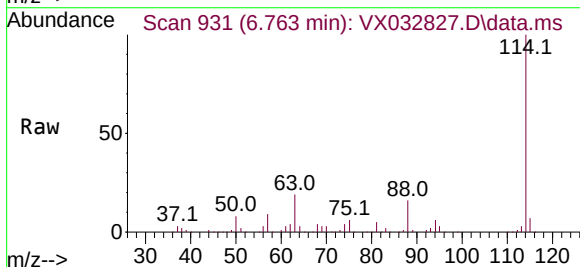
Tgt Ion: 114 Resp: 178434

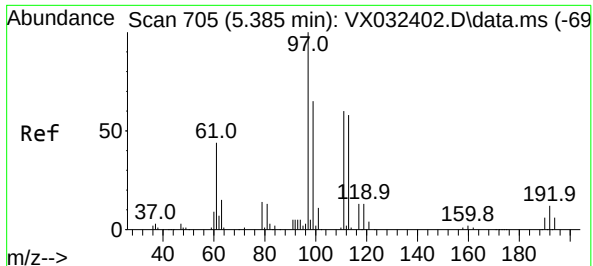
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.616 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032827.D

Acq: 15 Nov 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

MW-16S

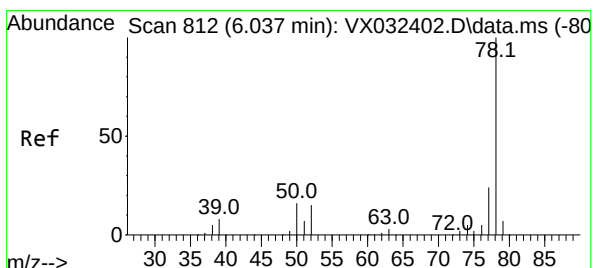
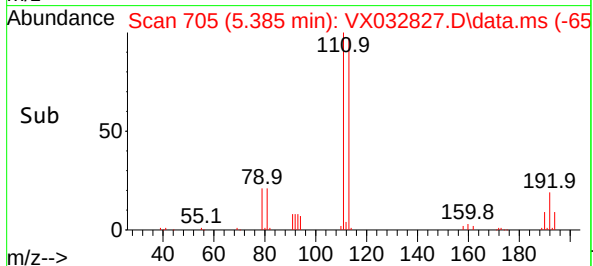
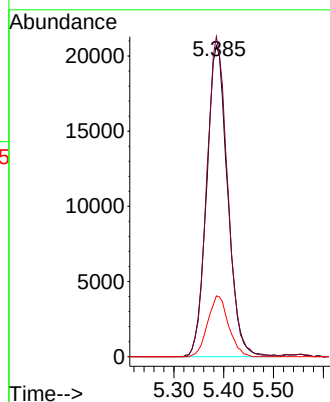
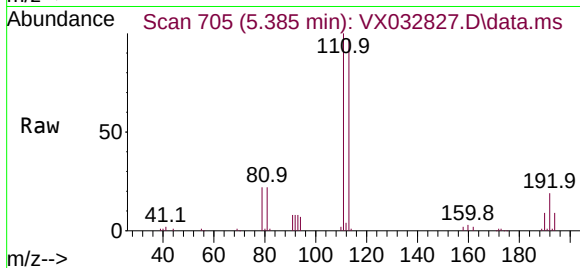
Tgt Ion:113 Resp: 60605

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 19.3 15.4 23.2



#40

Benzene

Concen: 2.878 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX032827.D

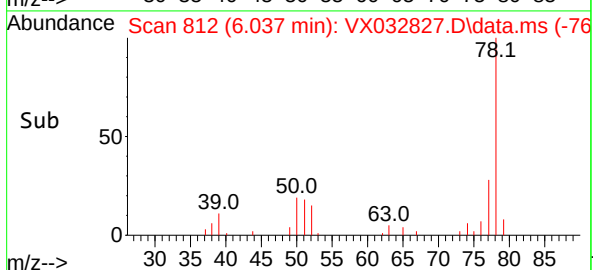
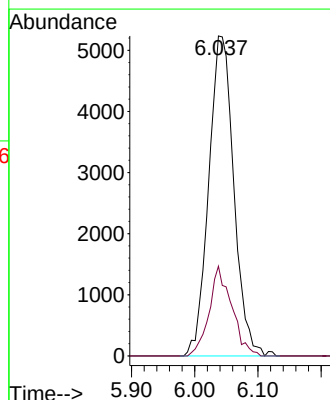
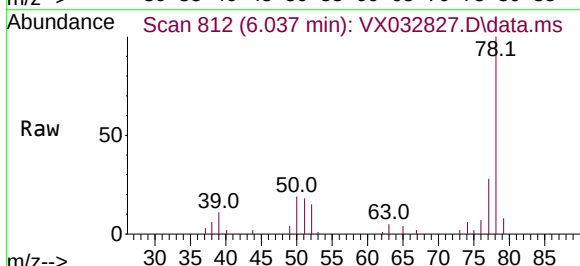
Acq: 15 Nov 2022 16:58

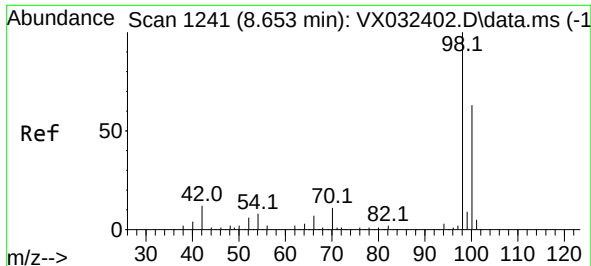
Tgt Ion: 78 Resp: 14435

Ion Ratio Lower Upper

78 100

77 28.0 19.0 28.4

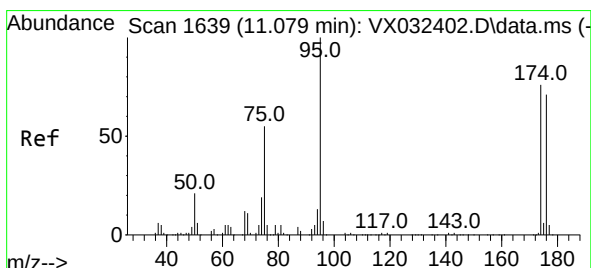
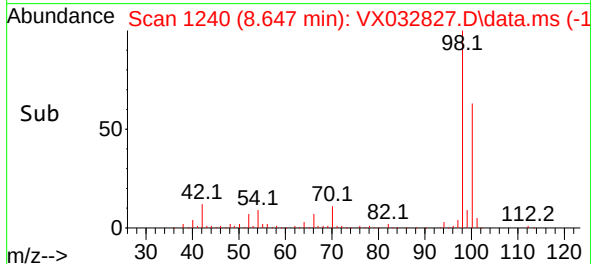
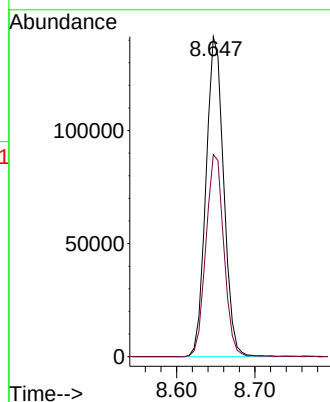
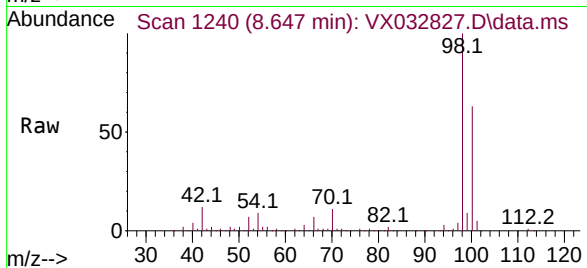




#50
Toluene-d8
Concen: 50.295 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

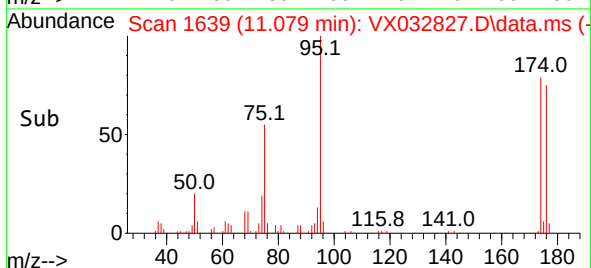
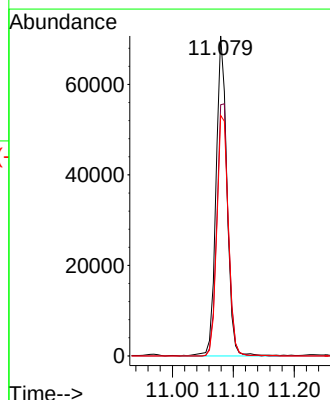
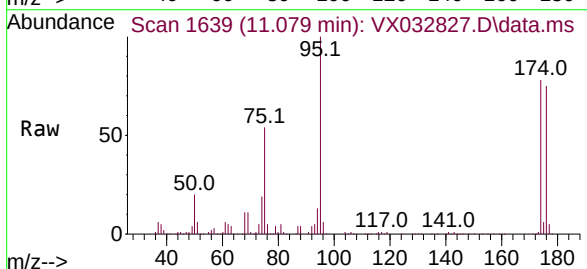
Instrument :
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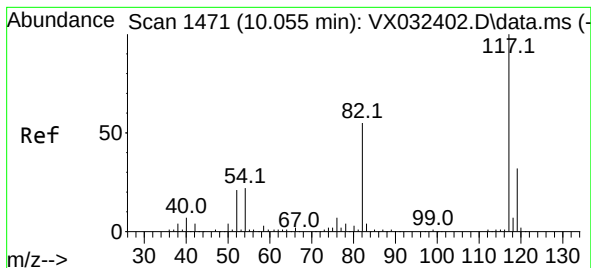
Tgt Ion: 98 Resp: 222596
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.972 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

Tgt Ion: 95 Resp: 88121
Ion Ratio Lower Upper
95 100
174 82.6 0.0 164.0
176 79.2 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032827.D

Acq: 15 Nov 2022 16:58

Instrument :

MSVOA_X

ClientSampleId :

MW-16S

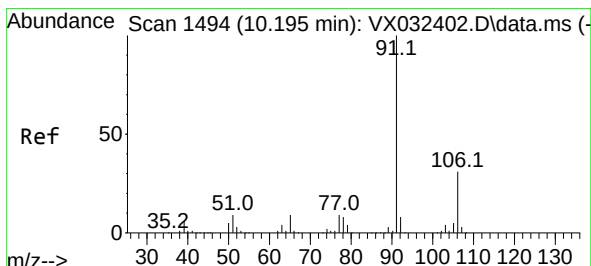
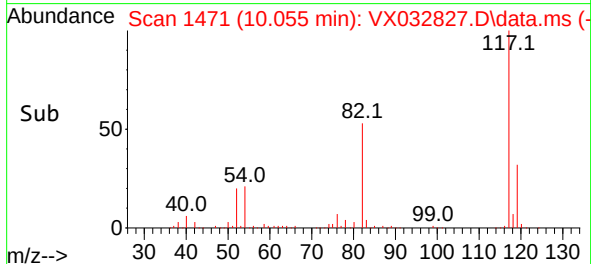
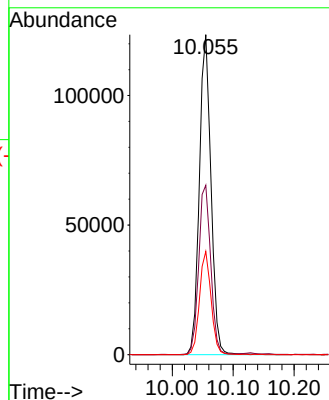
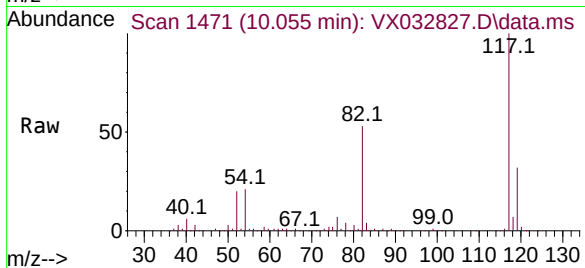
Tgt Ion:117 Resp: 163778

Ion Ratio Lower Upper

117 100

82 52.9 44.3 66.5

119 32.2 25.7 38.5



#67

Ethyl Benzene

Concen: 1.592 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX032827.D

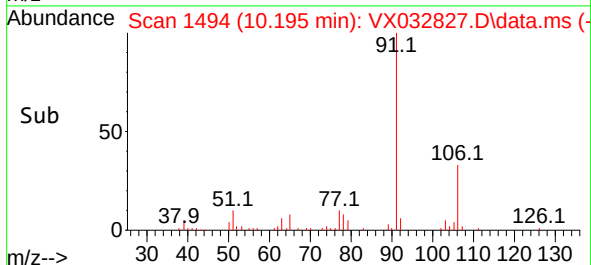
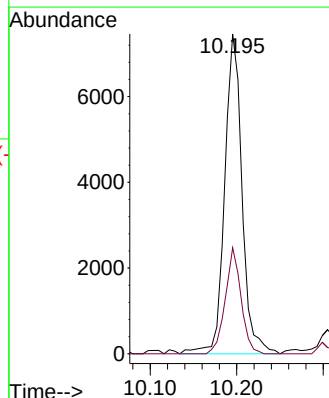
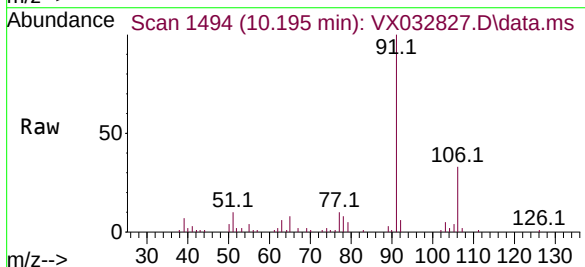
Acq: 15 Nov 2022 16:58

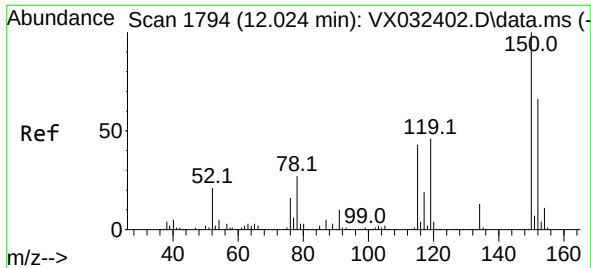
Tgt Ion: 91 Resp: 10443

Ion Ratio Lower Upper

91 100

106 33.2 25.0 37.6

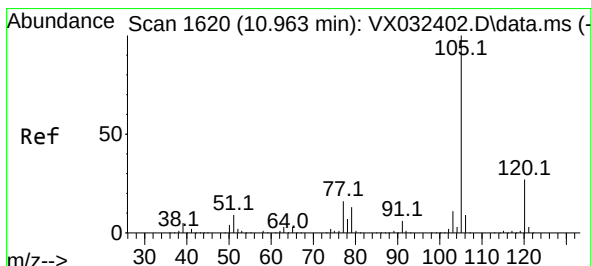
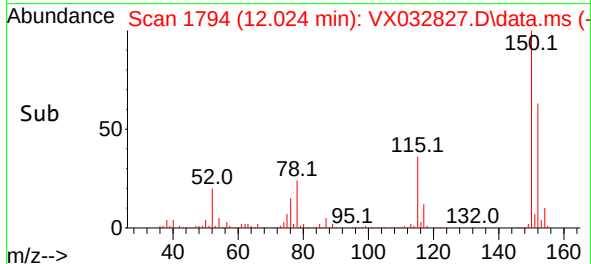
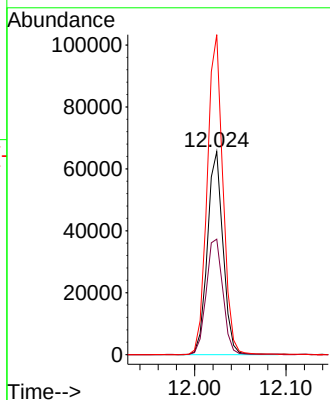
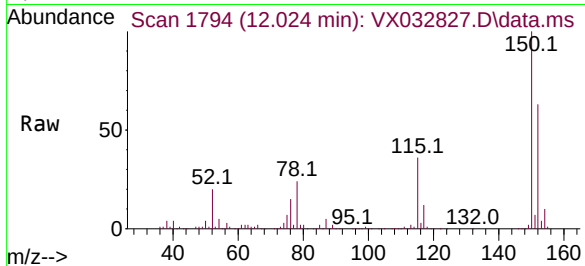




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

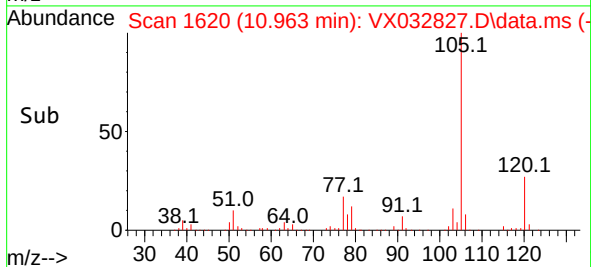
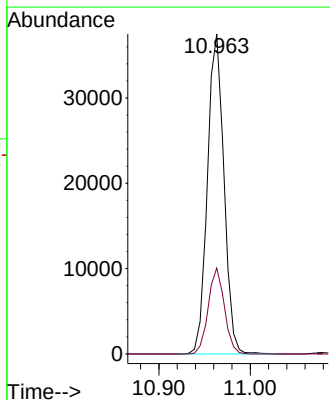
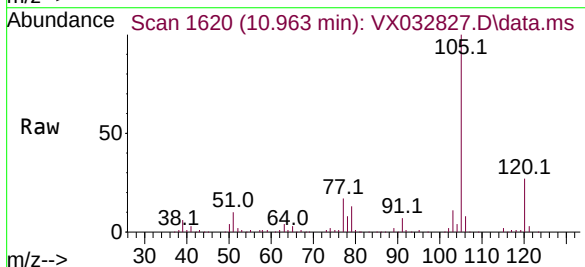
Instrument :
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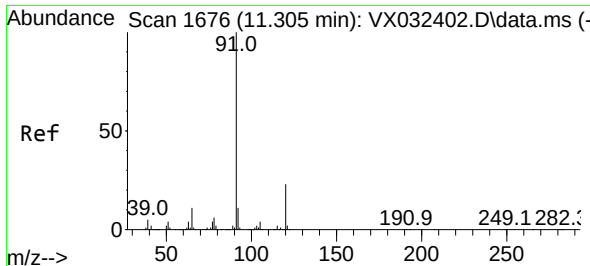
Tgt Ion:152 Resp: 77979
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 158.6 0.0 351.8



#73
Isopropylbenzene
Concen: 7.620 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

Tgt Ion:105 Resp: 47087
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

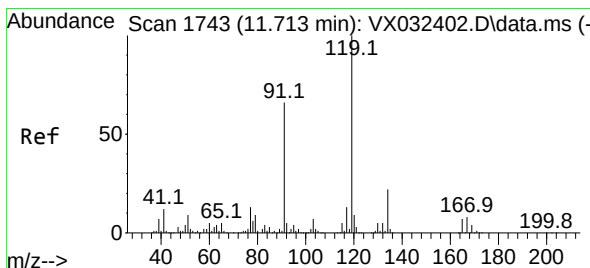
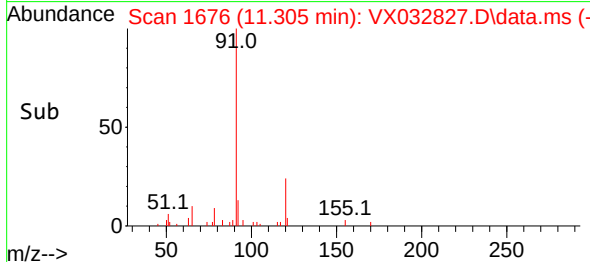
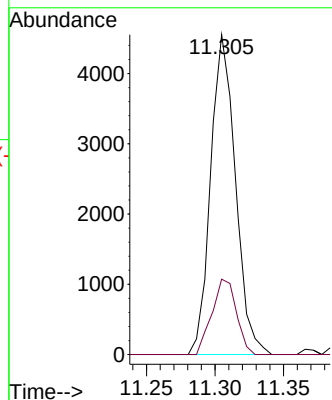
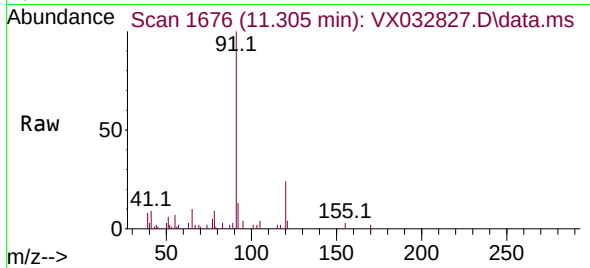




#78
n-propylbenzene
Concen: 0.806 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

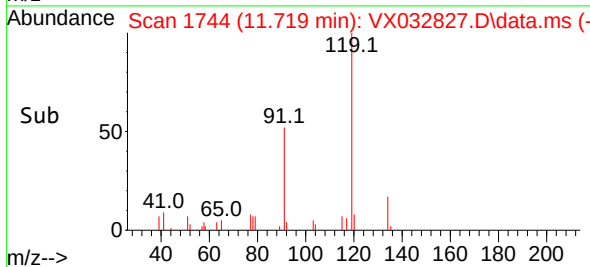
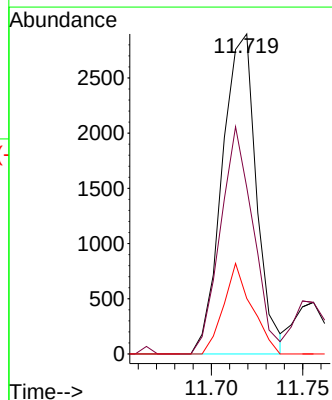
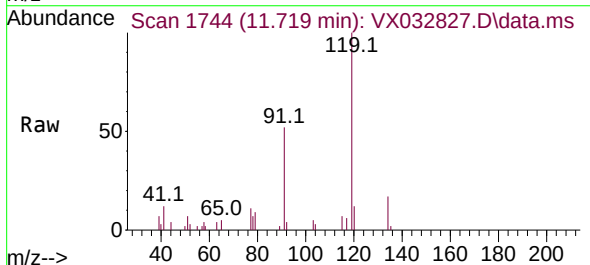
Instrument :
MSVOA_X
ClientSampleId :
MW-16S

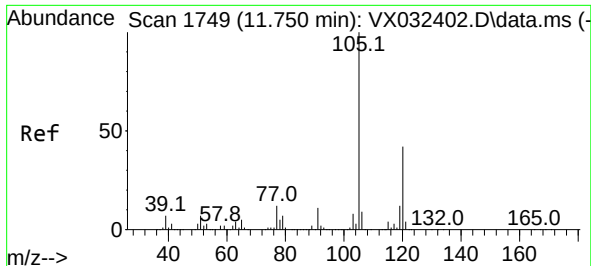
Tgt Ion: 91 Resp: 5735
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8



#83
tert-Butylbenzene
Concen: 0.717 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

Tgt Ion: 119 Resp: 3778
Ion Ratio Lower Upper
119 100
91 68.0 29.4 88.2
134 23.2 11.0 33.0

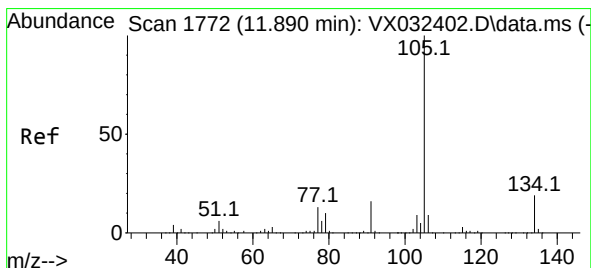
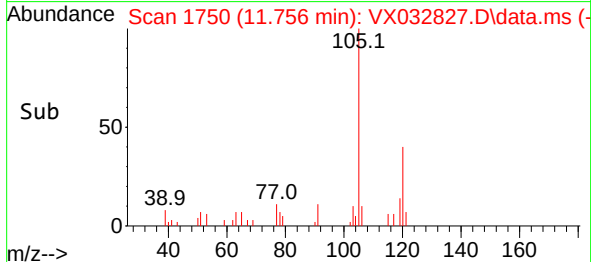
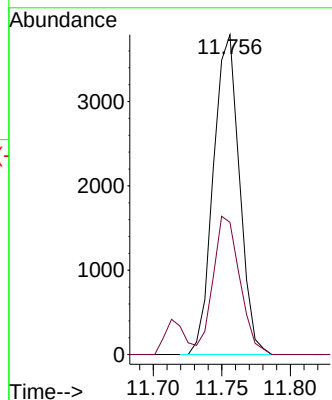
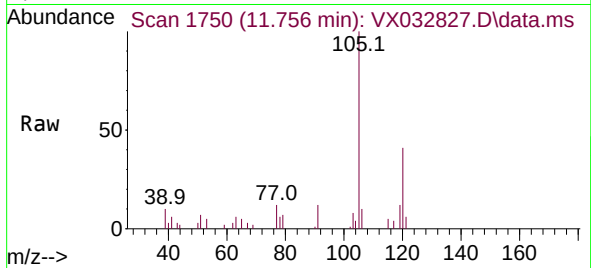




#84
1,2,4-Trimethylbenzene
Concen: 0.958 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

Instrument :
MSVOA_X
ClientSampleId :
MW-16S

Tgt Ion:105 Resp: 5030
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.467 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX032827.D
Acq: 15 Nov 2022 16:58

Tgt Ion:105 Resp: 2963
Ion Ratio Lower Upper
105 100
134 15.0 9.9 29.7

