

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092519\
 Data File : VX012659.D
 Acq On : 25 Sep 2019 14:29
 Operator : JC/SP
 Sample : K5019-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

Quant Time: Oct 02 07:40:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106155	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	125583	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
35) Dibromofluoromethane	5.48	113	90213	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
50) Toluene-d8	8.71	98	349193	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.14	95	128104	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	

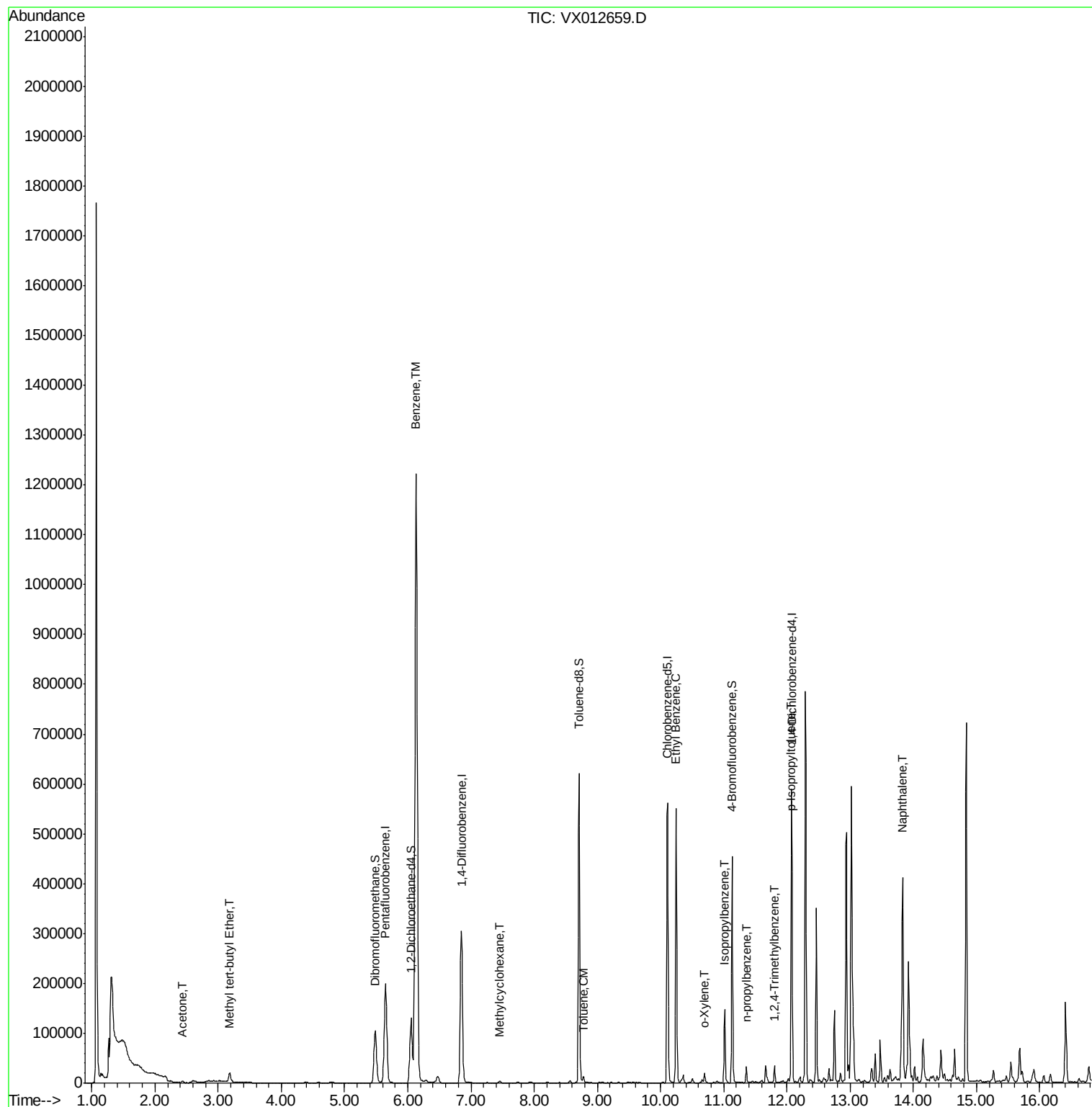
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	3944	2.978	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	18990	2.718	ug/l	98
39) Methylcyclohexane	7.45	83	1500	0.437	ug/l #	82
40) Benzene	6.13	78	1447300	172.461	ug/l	98
52) Toluene	8.78	92	4026	0.763	ug/l	96
67) Ethyl Benzene	10.25	91	315619	32.768	ug/l	100
69) o-Xylene	10.69	106	4151	1.189	ug/l	94
73) Isopropylbenzene	11.01	105	73479	8.499	ug/l	99
78) n-propylbenzene	11.35	91	19771	2.031	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	14913	2.039	ug/l	99
86) p-Isopropyltoluene	12.06	119	3382	0.461	ug/l #	56
95) Naphthalene	13.83	128	218790	28.126	ug/l	99

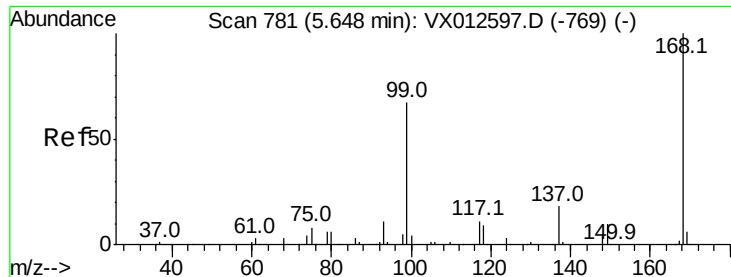
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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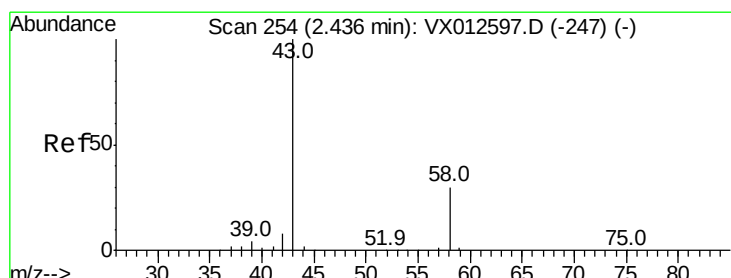
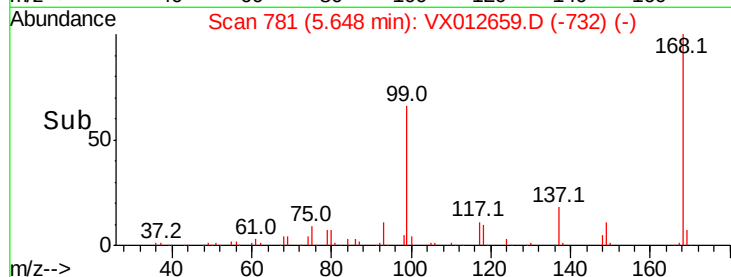
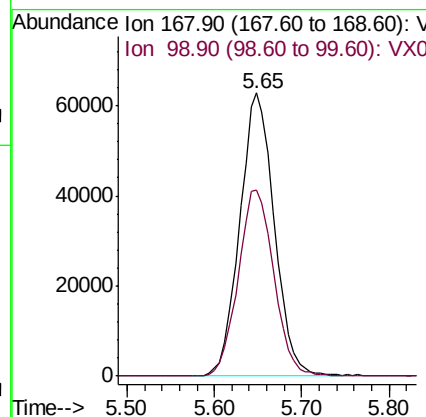
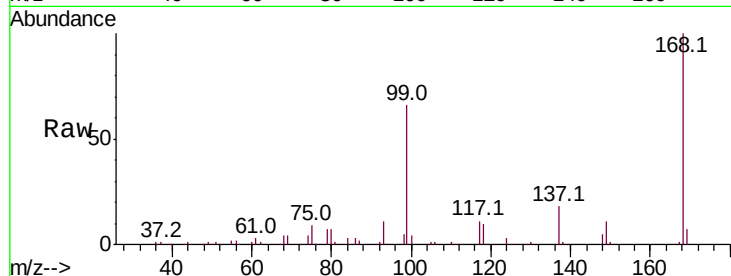




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

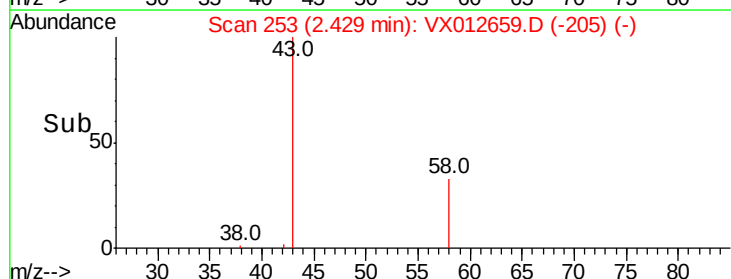
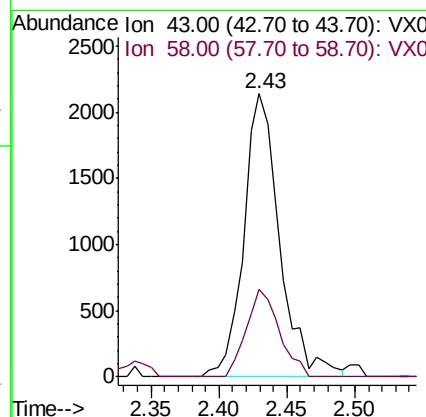
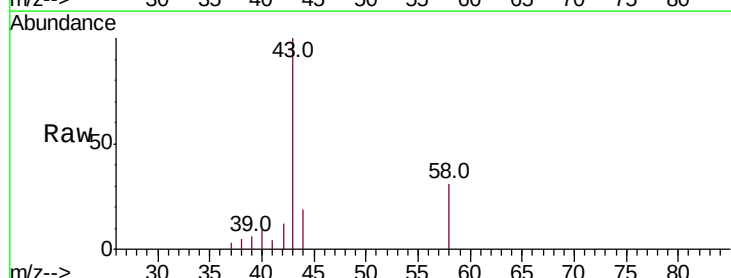
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

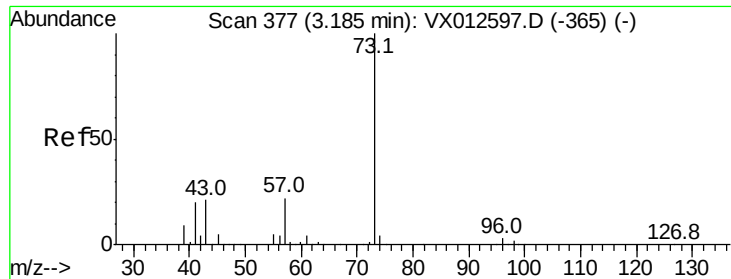
Tot Ion:168 Resp: 171694
Ion Ratio Lower Upper
168 100
99 65.8 51.4 77.2



#16
Acetone
Concen: 2.978 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

Tgt Ion: 43 Resp: 3944
Ion Ratio Lower Upper
43 100
58 31.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 2.718 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX012659.D

Acq: 25 Sep 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

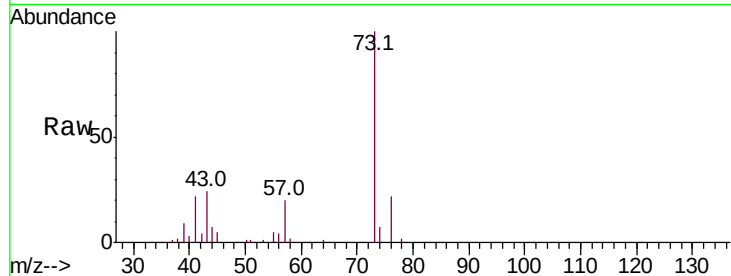
QNWP8-MW27S-GW

Tot Ion: 73 Resp: 18990

Ion Ratio Lower Upper

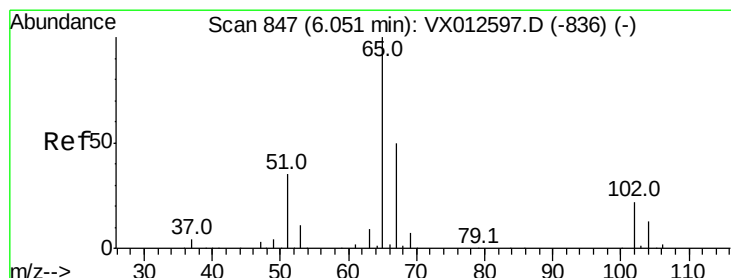
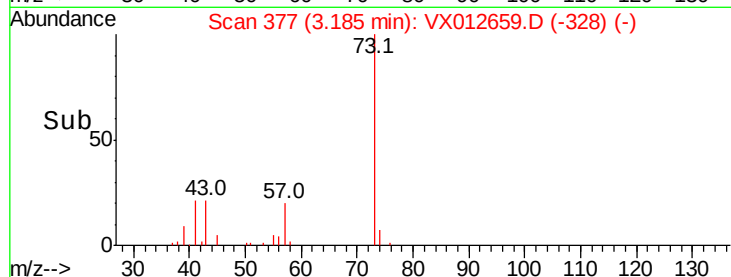
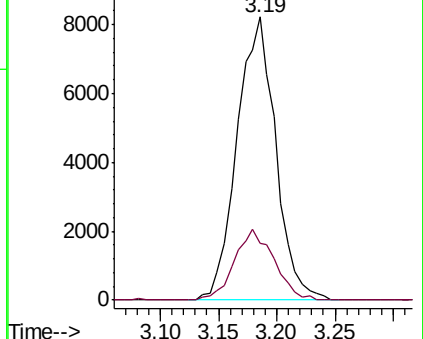
73 100

57 19.9 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.229 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012659.D

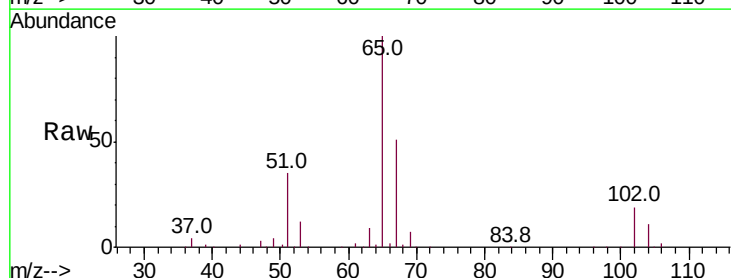
Acq: 25 Sep 2019 14:29

Tgt Ion: 65 Resp: 125583

Ion Ratio Lower Upper

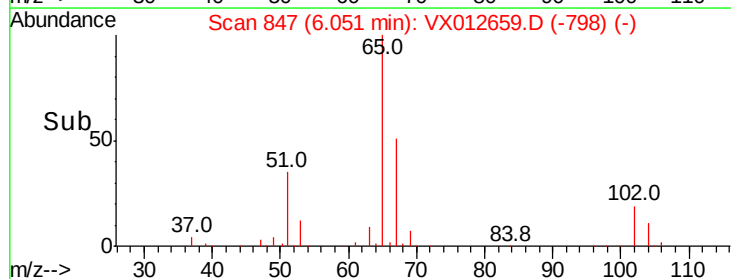
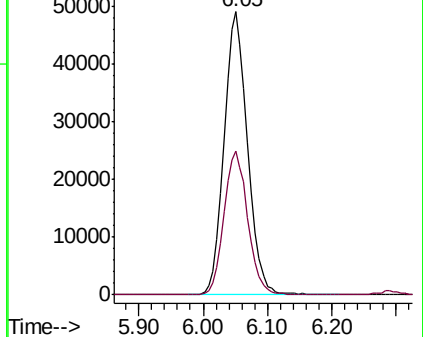
65 100

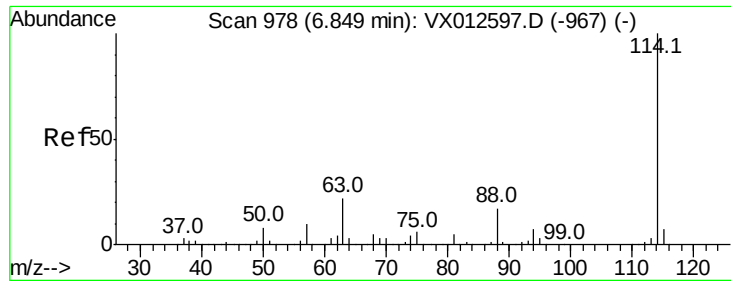
67 51.5 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012659.D

Acq: 25 Sep 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GW

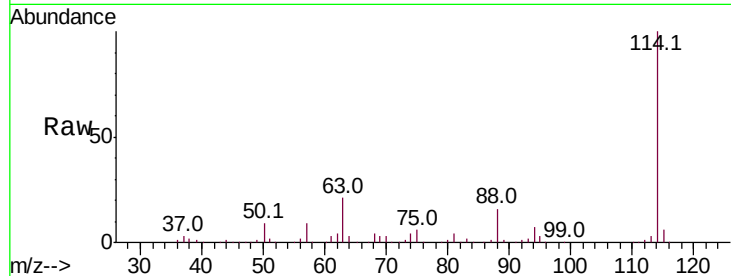
Tot Ion:114 Resp: 295906

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

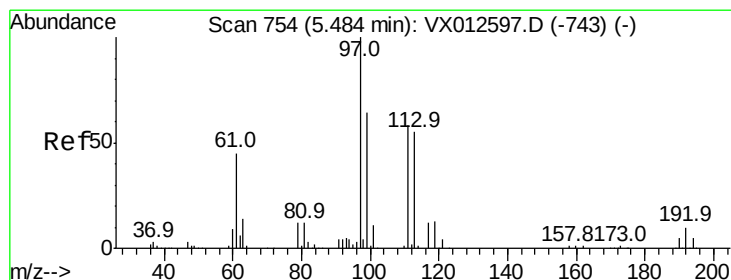
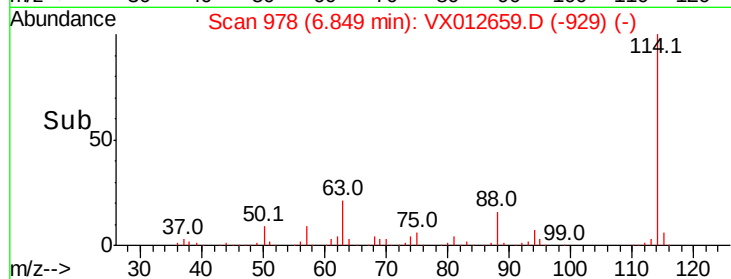
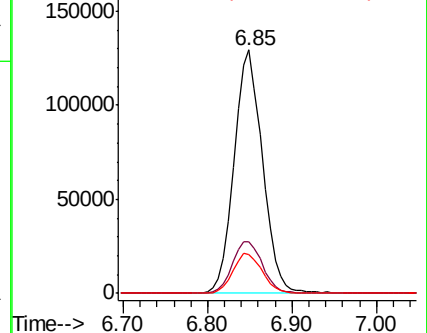
88 16.1 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.192 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012659.D

Acq: 25 Sep 2019 14:29

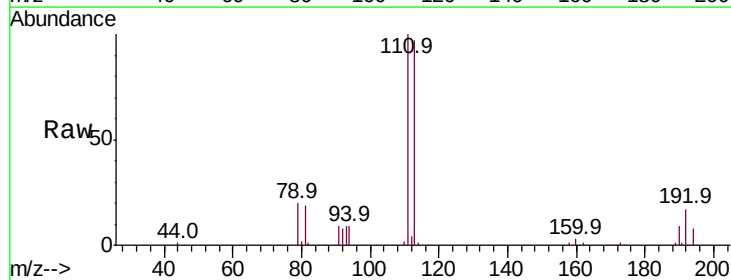
Tgt Ion:113 Resp: 90213

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

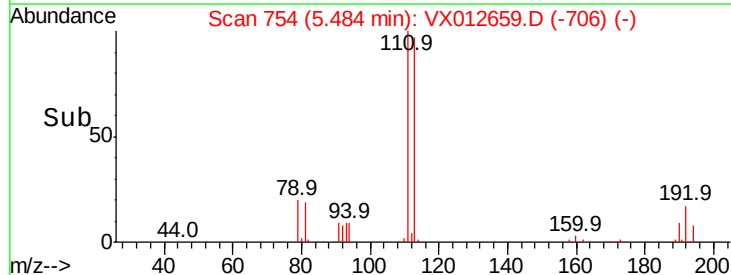
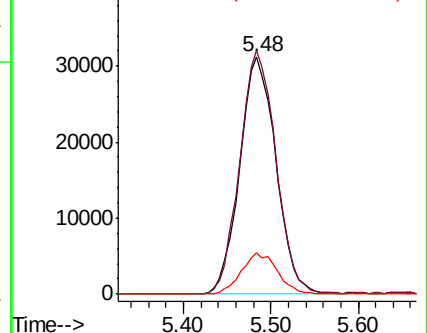
192 17.2 14.4 21.6

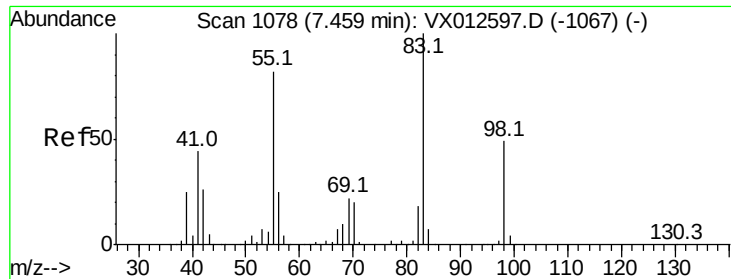


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

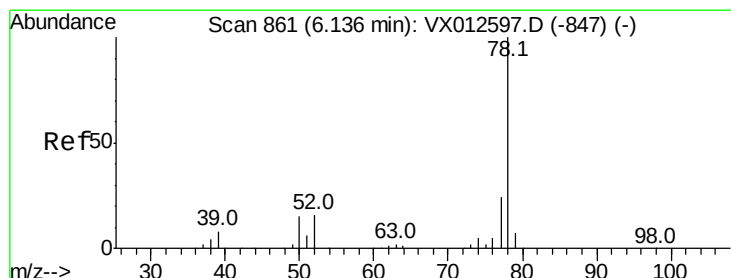
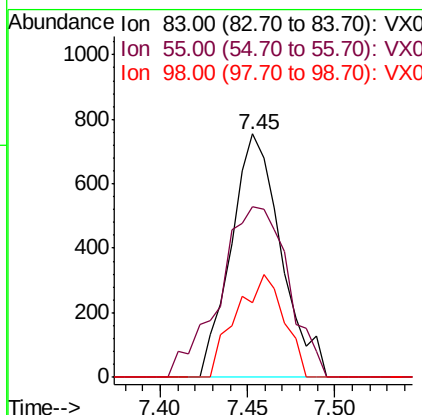
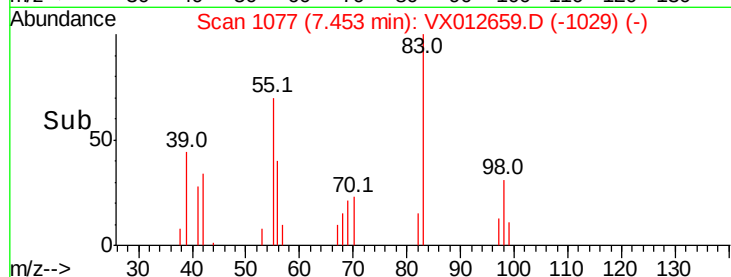
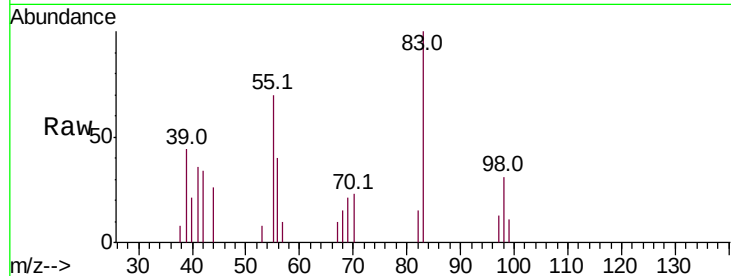




#39
Methylvlcyclohexane
Concen: 0.437 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

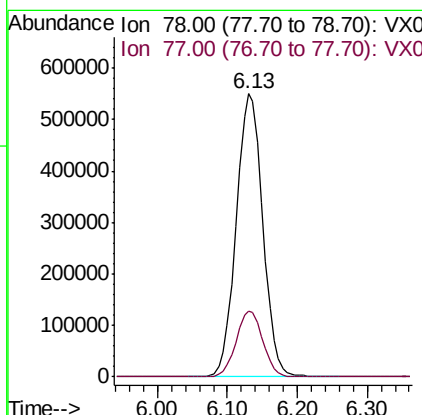
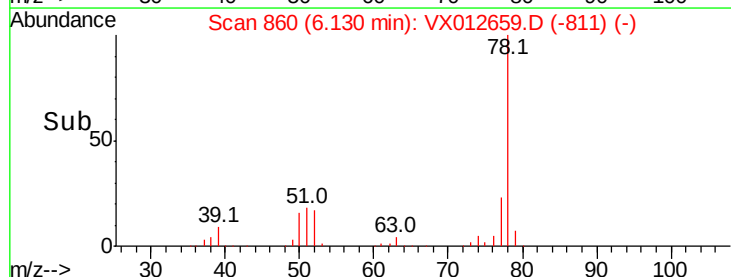
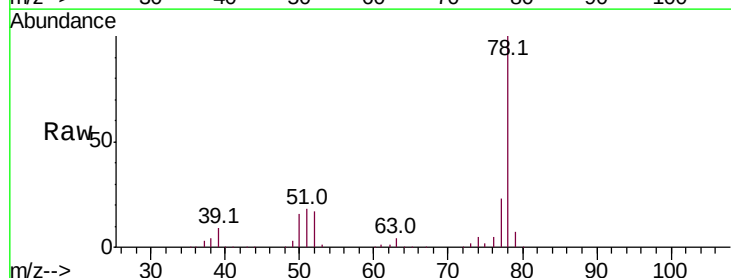
Instrument :
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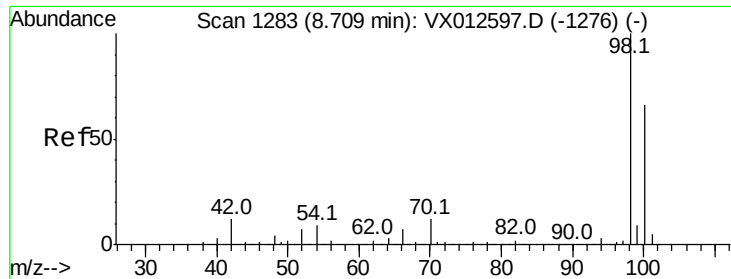
Tot Ion: 83 Resp: 1500
Ion Ratio Lower Upper
83 100
55 70.3 64.4 96.6
98 30.7 40.1 60.1#



#40
Benzene
Concen: 172.461 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

Tgt Ion: 78 Resp: 1447300
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8

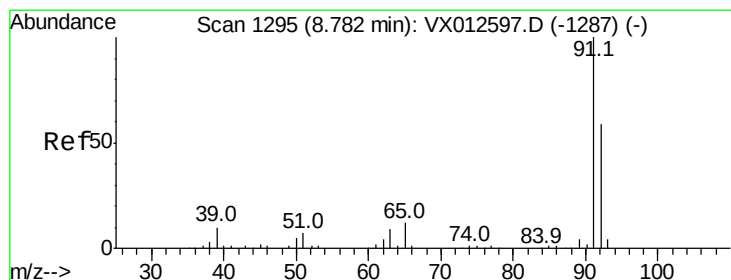
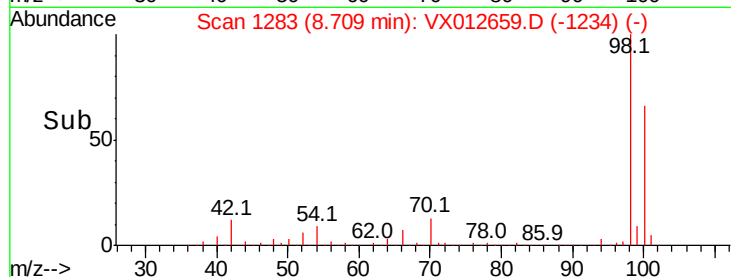
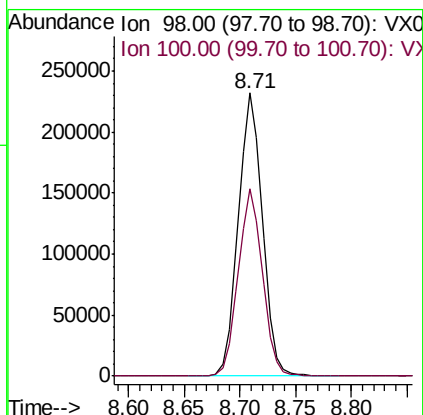
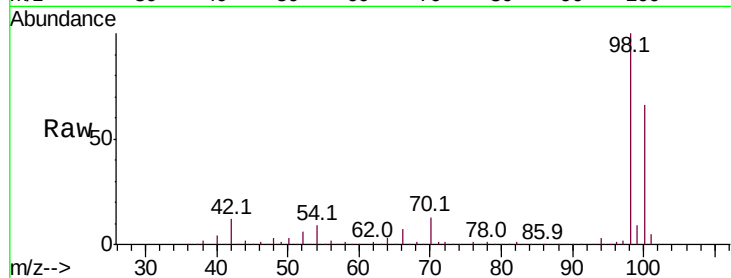




#50
Toluene-d8
Concen: 51.454 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

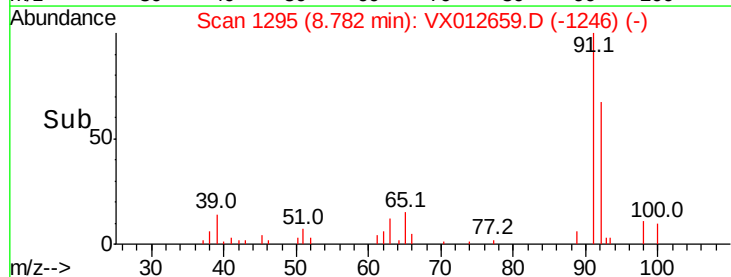
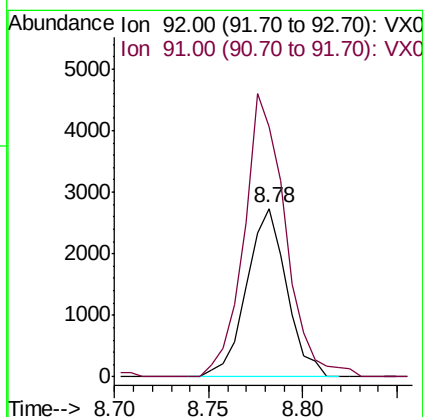
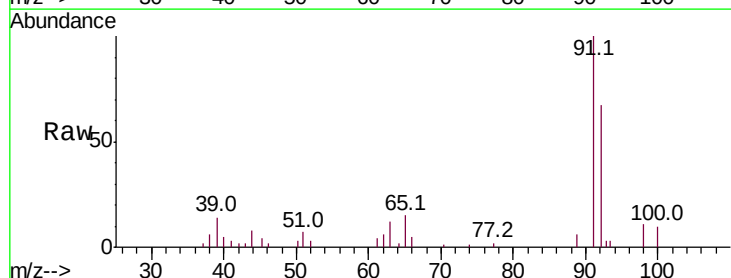
Instrument :
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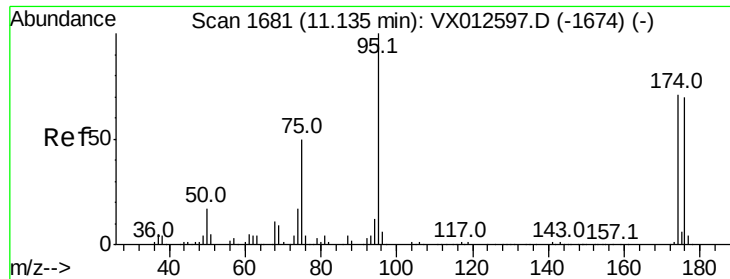
Tot Ion: 98 Resp: 349193
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.2



#52
Toluene
Concen: 0.763 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

Tgt Ion: 92 Resp: 4026
Ion Ratio Lower Upper
92 100
91 174.1 135.4 203.0

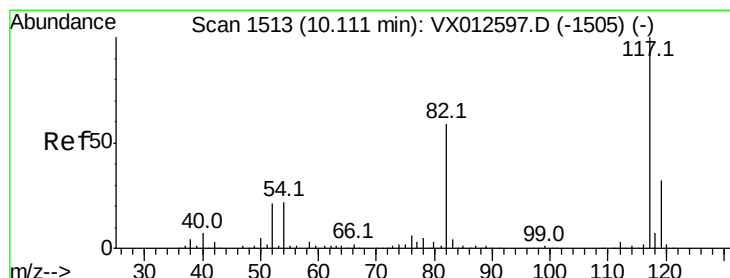
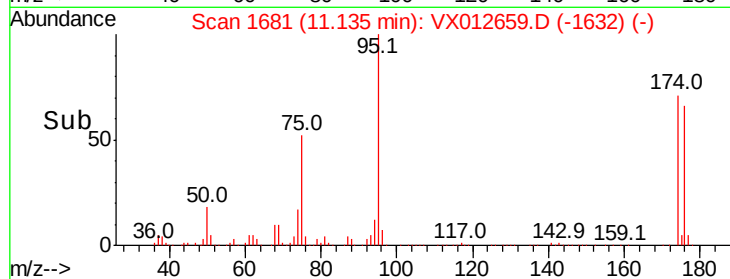
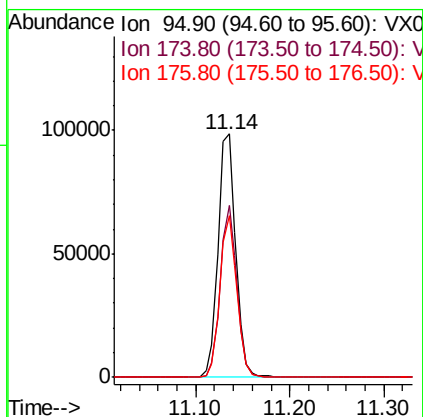
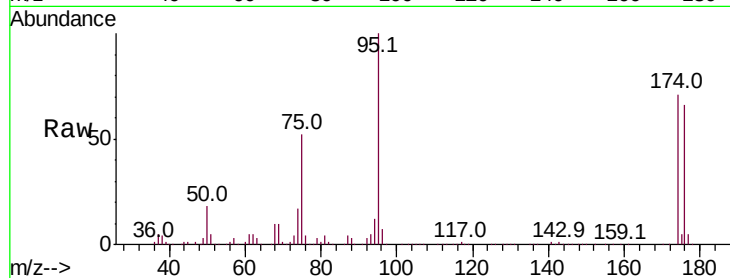




#62
4-Bromofluorobenzene
Concen: 48.006 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

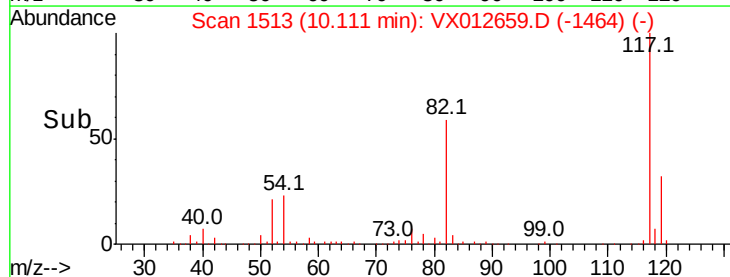
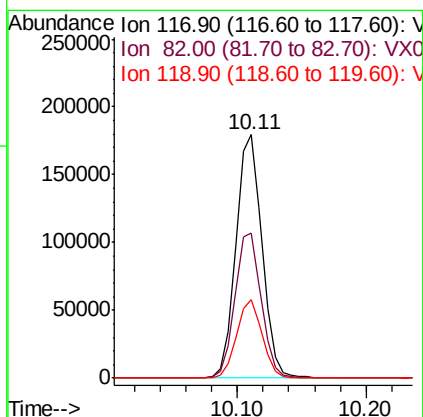
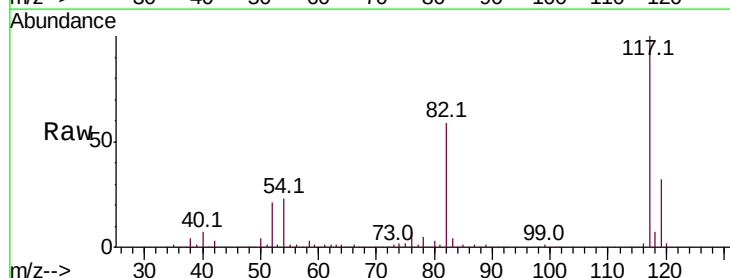
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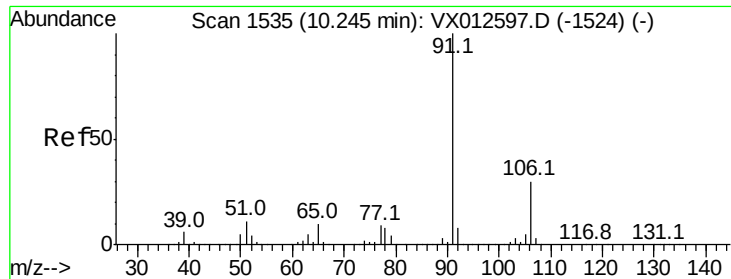
Tot Ion: 95 Resp: 128104
Ion Ratio Lower Upper
95 100
174 66.6 0.0 140.0
176 63.5 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

Tgt Ion: 117 Resp: 252188
Ion Ratio Lower Upper
117 100
82 59.3 45.9 68.9
119 32.3 25.3 37.9

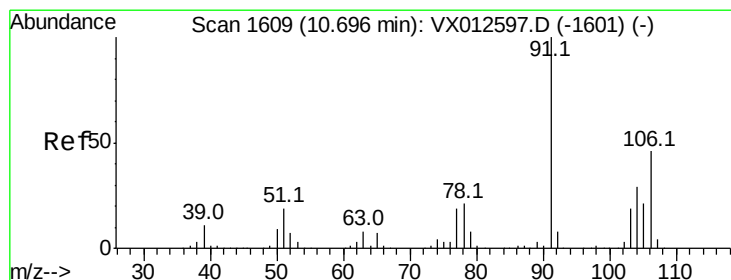
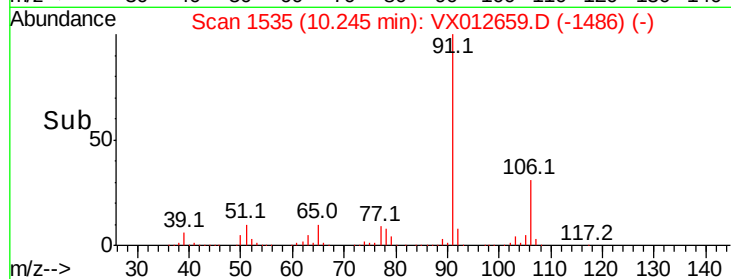
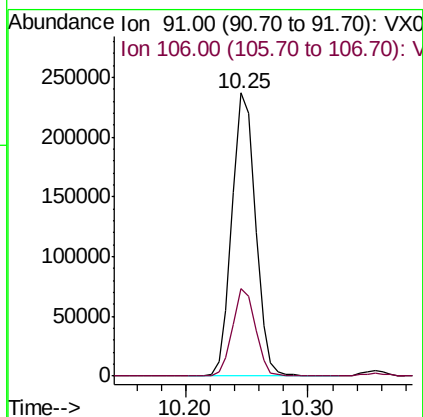
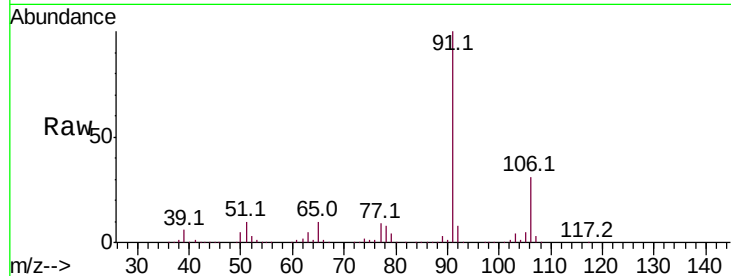




#67
Ethyl Benzene
Concen: 32.768 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

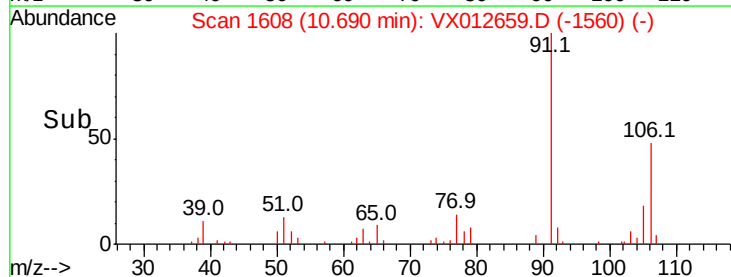
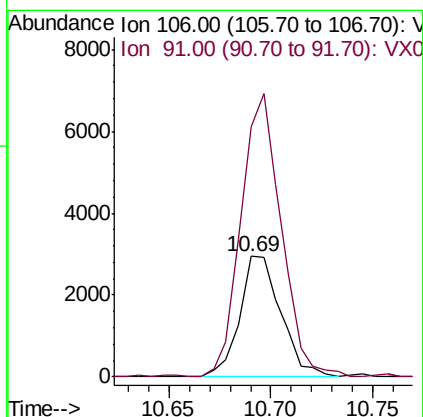
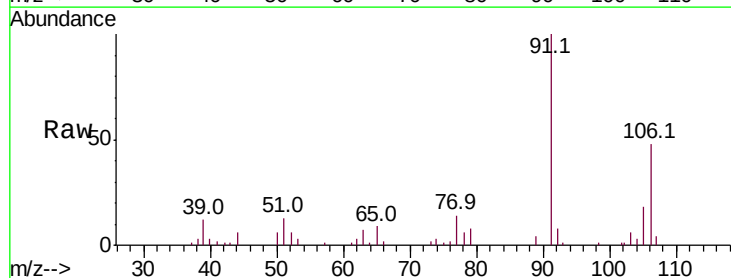
Instrument :
MSVOA_X
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QNWP8-MW27S-GW

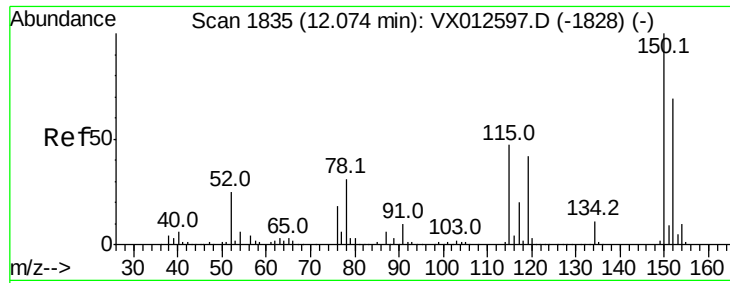
Tot Ion: 91 Resp: 315619
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#69
o-Xylene
Concen: 1.189 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

Tgt Ion: 106 Resp: 4151
Ion Ratio Lower Upper
106 100
91 228.3 109.4 328.2

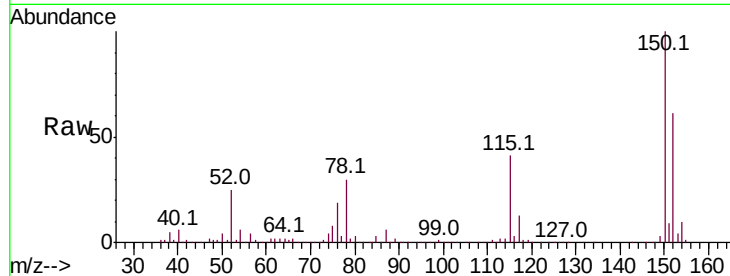




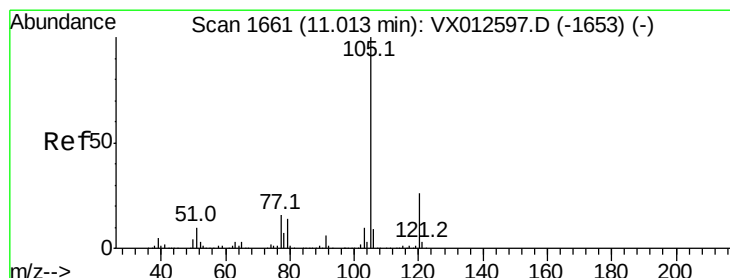
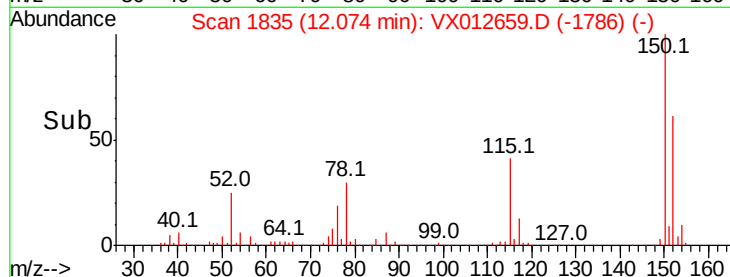
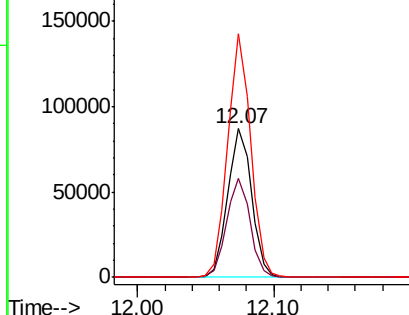
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012659.D
 Acq: 25 Sep 2019 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GW

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.2	44.1	132.3
150	158.5	0.0	343.8

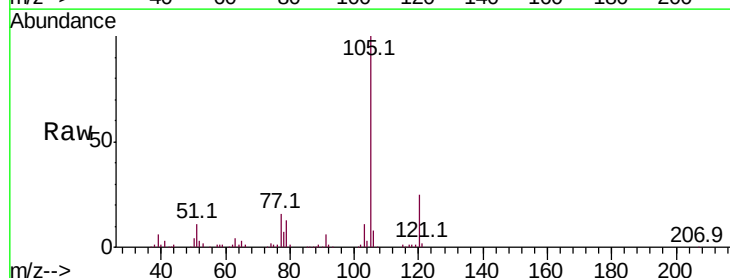


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

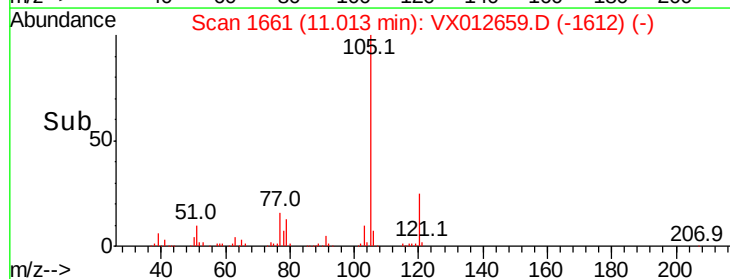
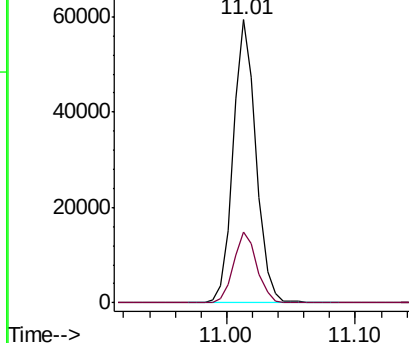


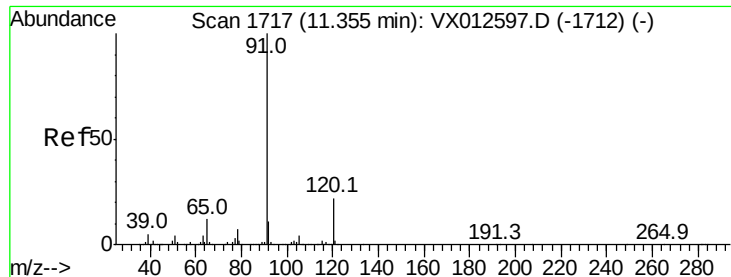
#73
 Isopropylbenzene
 Concen: 8.499 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VX012659.D
 Acq: 25 Sep 2019 14:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.9	38.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 2.031 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012659.D

Acq: 25 Sep 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

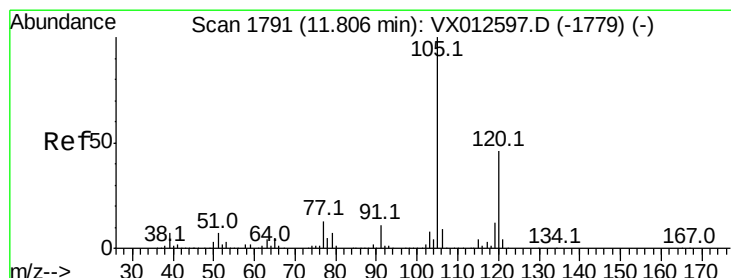
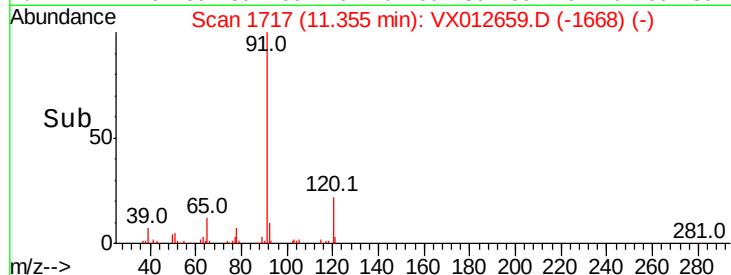
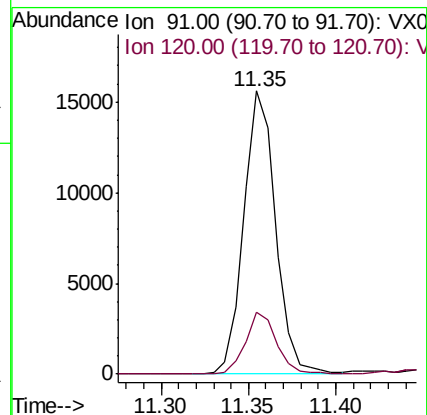
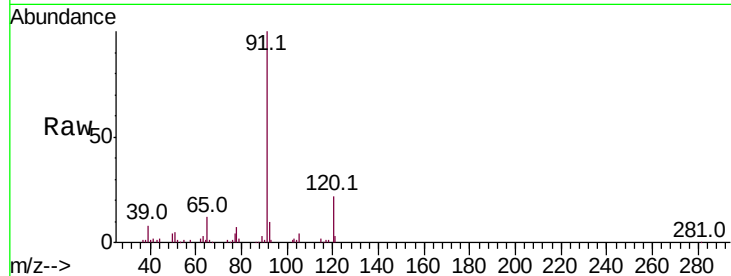
QNWP8-MW27S-GW

Tot Ion: 91 Resp: 19771

Ion Ratio Lower Upper

91 100

120 21.3 11.3 33.8



#84

1,2,4-Trimethylbenzene

Concen: 2.039 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012659.D

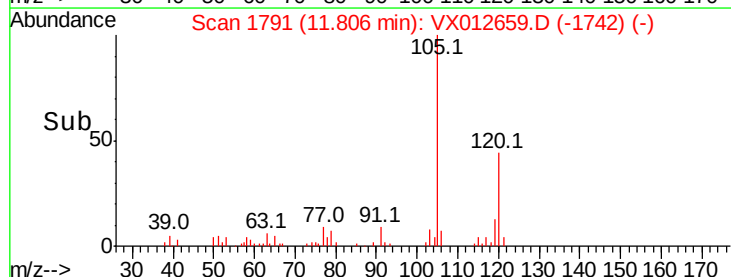
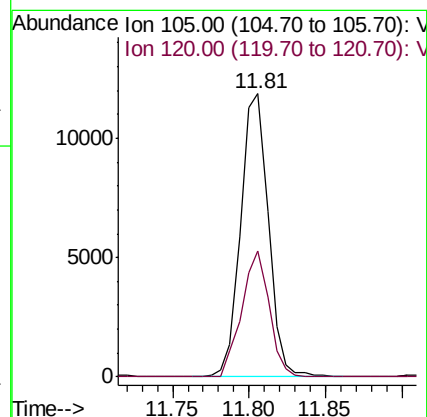
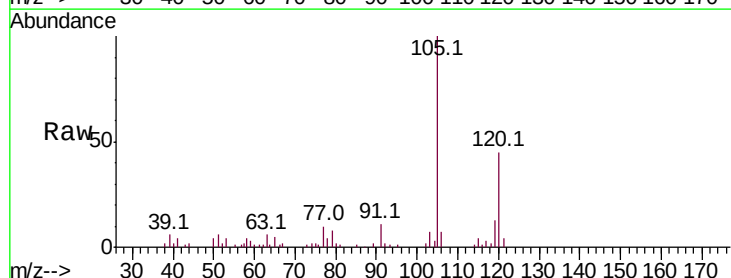
Acq: 25 Sep 2019 14:29

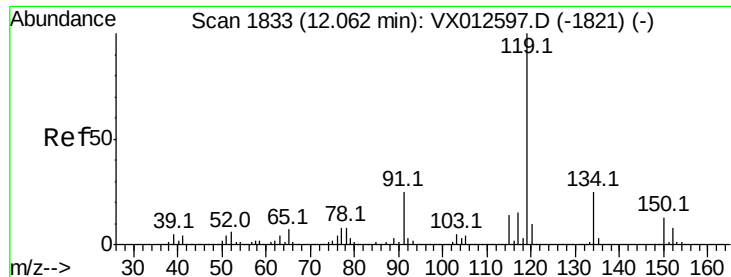
Tgt Ion: 105 Resp: 14913

Ion Ratio Lower Upper

105 100

120 44.0 22.2 66.6

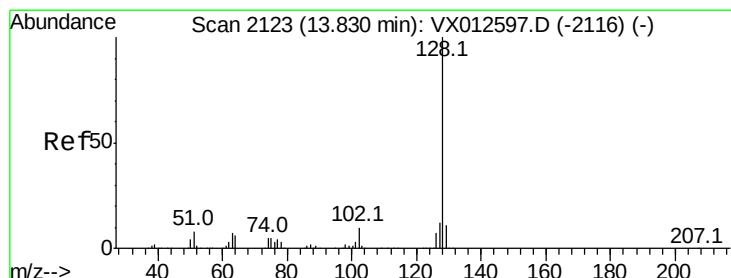
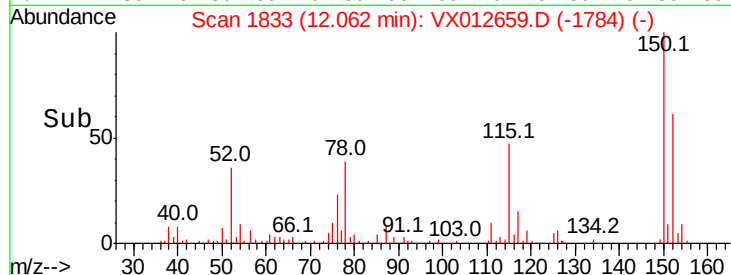
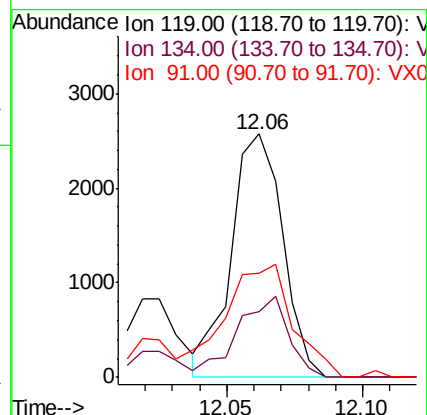
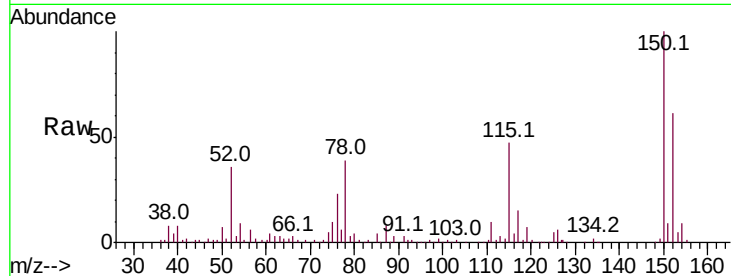




#86
p-Isopropyltoluene
Concen: 0.461 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GW

Tot Ion:119 Resp: 3382
Ion Ratio Lower Upper
119 100
134 33.1 12.7 38.1
91 62.4 12.8 38.4#



#95
Naphthalene
Concen: 28.126 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012659.D
Acq: 25 Sep 2019 14:29

Tgt Ion:128 Resp: 218790
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 11.5 8.8 13.2

