

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014130.D
 Acq On : 19 Dec 2019 18:57
 Operator : JC/SP
 Sample : K6347-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Dec 20 03:30:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	539503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	836339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	753850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336022	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	299137	48.92	ug/l	0.00
Spiked Amount						
			Recovery	=	97.84%	
35) Dibromofluoromethane	5.49	113	245697	48.33	ug/l	0.00
Spiked Amount						
			Recovery	=	96.66%	
50) Toluene-d8	8.71	98	998499	50.45	ug/l	0.00
Spiked Amount						
			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	342388	47.32	ug/l	0.00
Spiked Amount						
			Recovery	=	94.64%	

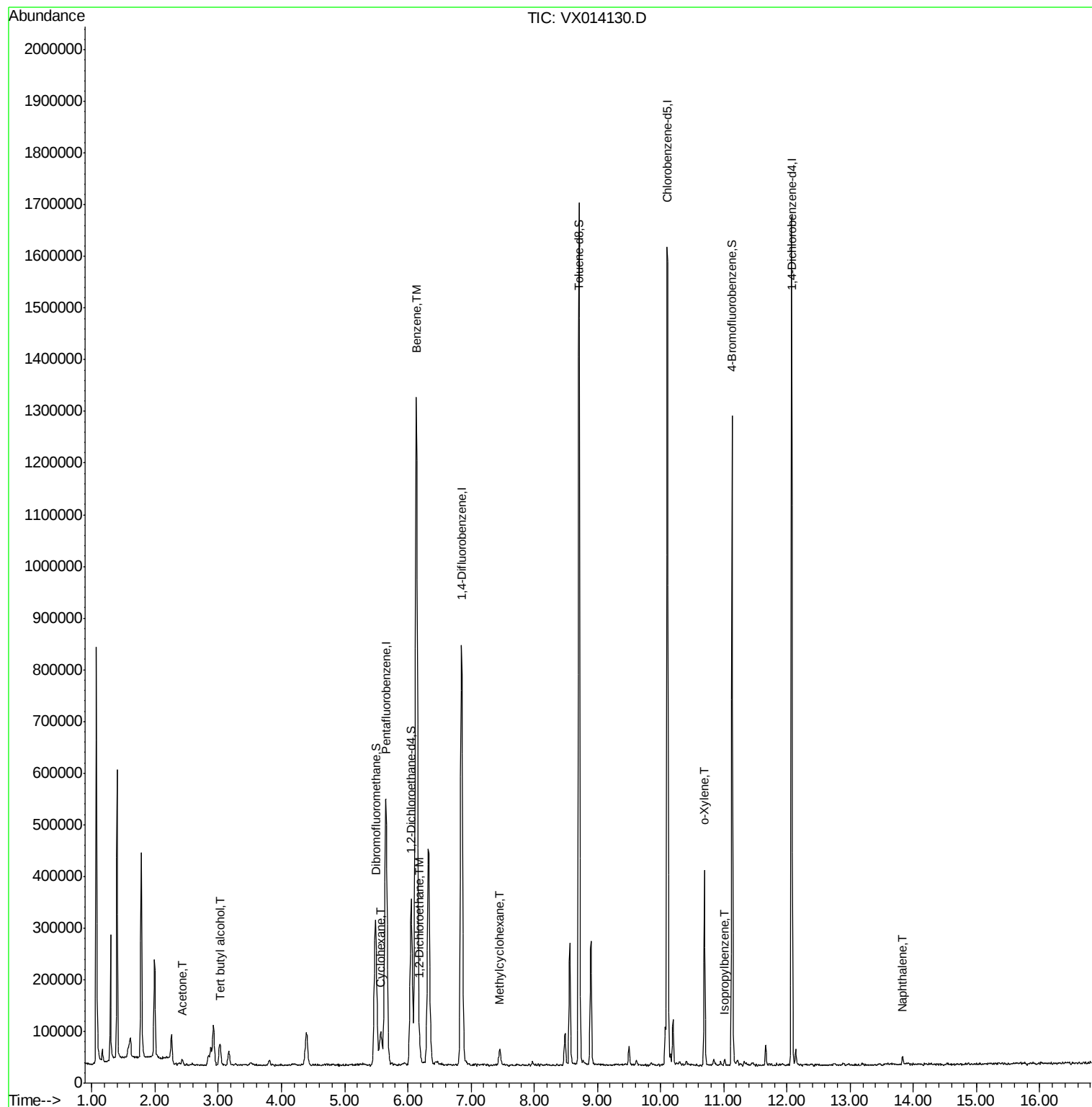
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	53287	40.332	ug/l	95
16) Acetone	2.44	43	9647	2.430	ug/l #	86
31) Cyclohexane	5.57	56	42531	4.655	ug/l	94
39) Methylcyclohexane	7.46	83	14374	1.517	ug/l	90
40) Benzene	6.14	78	1561831	66.147	ug/l	99
42) 1,2-Dichloroethane	6.18	62	31534	3.940	ug/l	91
69) o-Xylene	10.70	106	84598	8.138	ug/l	96
73) Isopropylbenzene	11.01	105	6899	0.292	ug/l	99
95) Naphthalene	13.83	128	10596	0.483	ug/l #	97

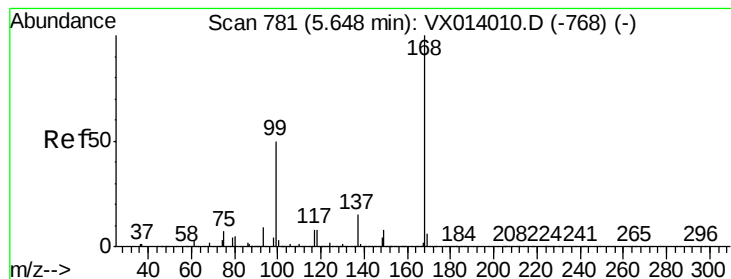
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121919\
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Quant Time: Dec 20 03:30:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014130.D

Acq: 19 Dec 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

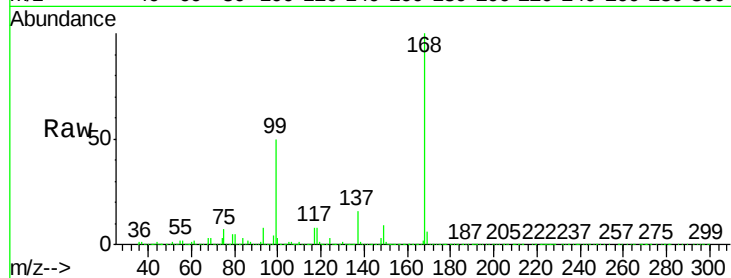
MW-2

Tot Ion:168 Resp: 539503

Ion Ratio Lower Upper

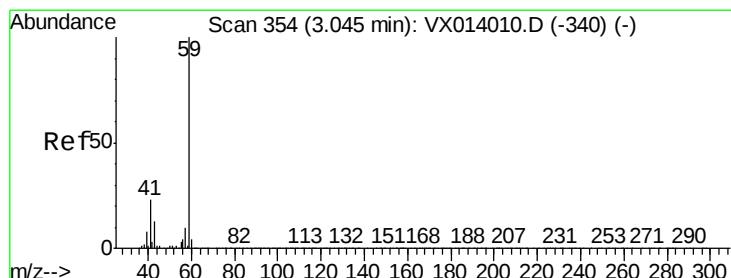
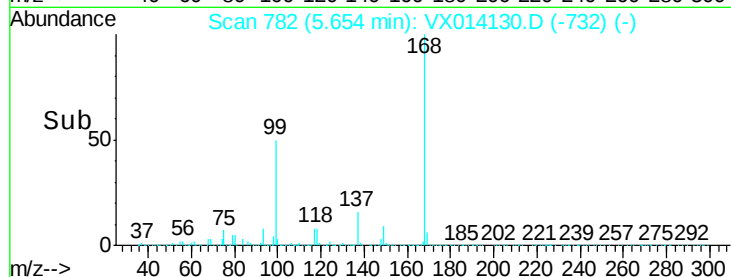
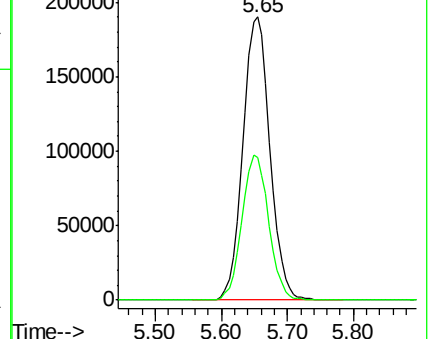
168 100

99 50.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 40.332 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014130.D

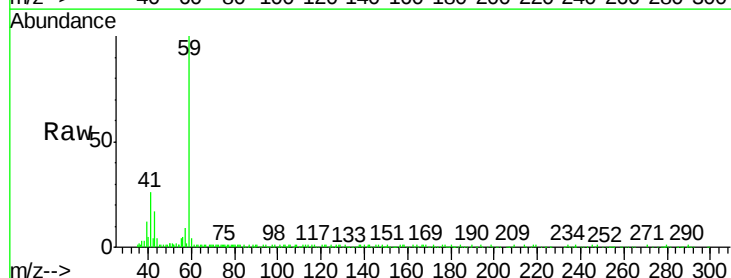
Acq: 19 Dec 2019 18:57

Tgt Ion: 59 Resp: 53287

Ion Ratio Lower Upper

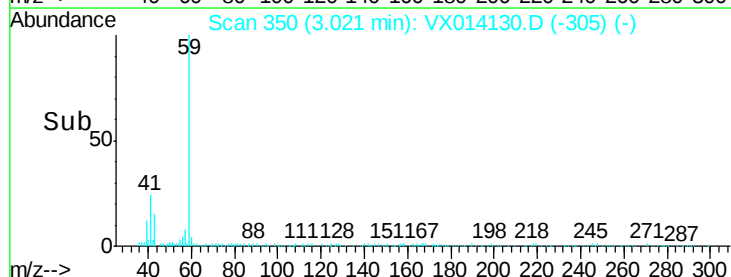
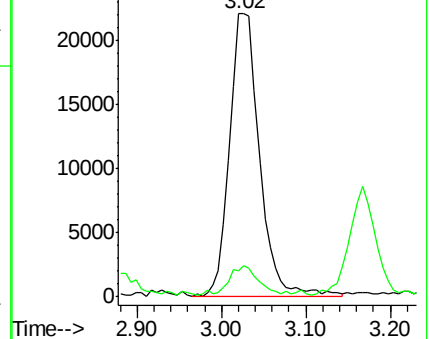
59 100

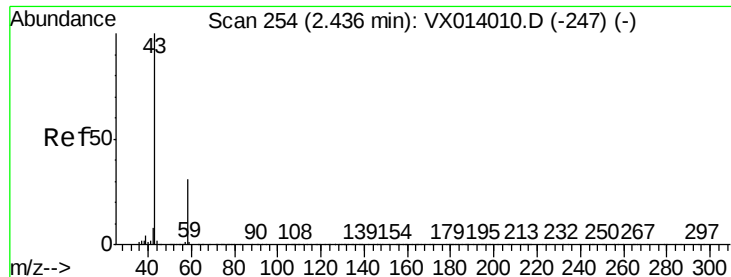
57 8.7 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

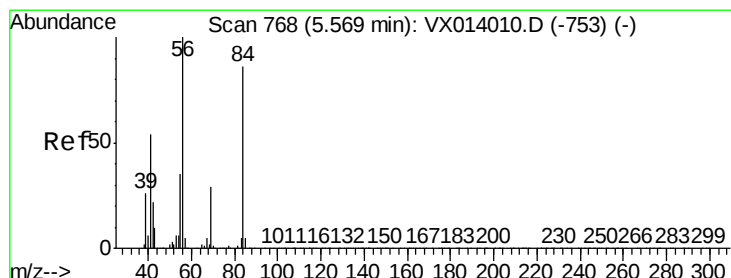
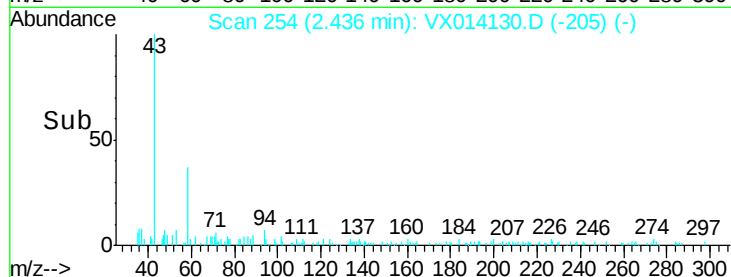
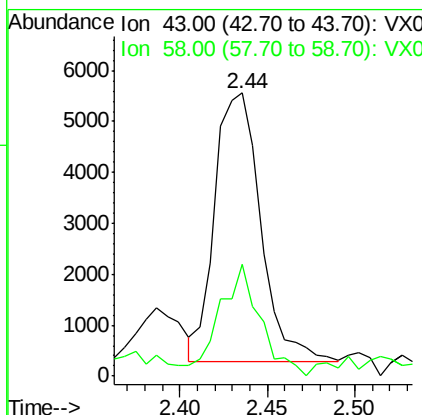
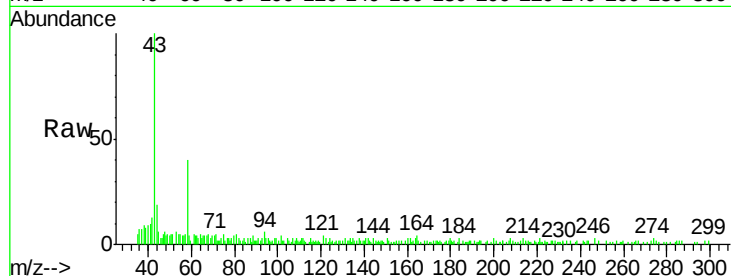




#16
Acetone
Concen: 2.430 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX014130.D
Acq: 19 Dec 2019 18:57

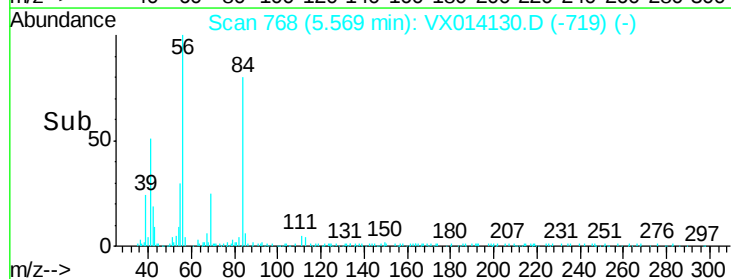
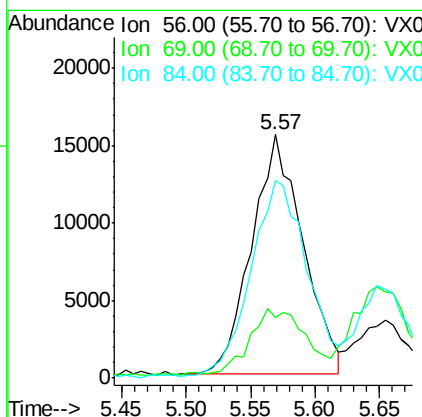
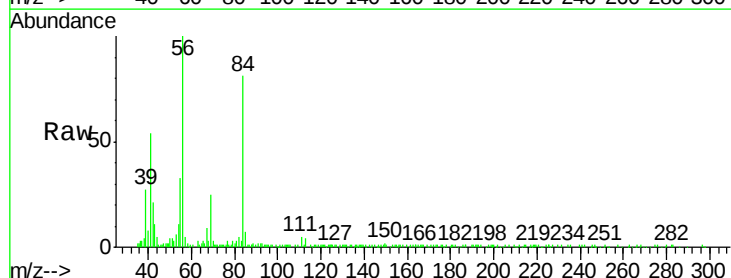
Instrument :
MSVOA_X
ClientSampleId :
MW-2

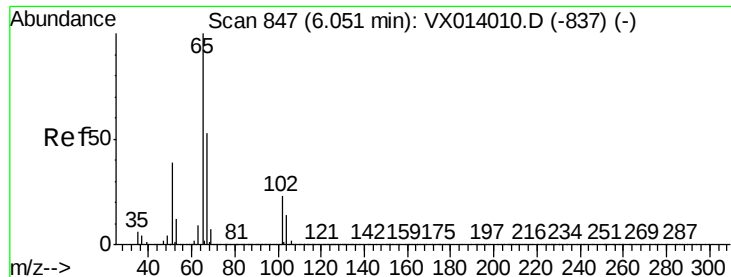
Tot Ion: 43 Resp: 9647
Ion Ratio Lower Upper
43 100
58 38.6 24.9 37.3#



#31
Cyclohexane
Concen: 4.655 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014130.D
Acq: 19 Dec 2019 18:57

Tgt Ion: 56 Resp: 42531
Ion Ratio Lower Upper
56 100
69 23.3 23.2 34.8
84 82.5 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 48.922 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014130.D

Acq: 19 Dec 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

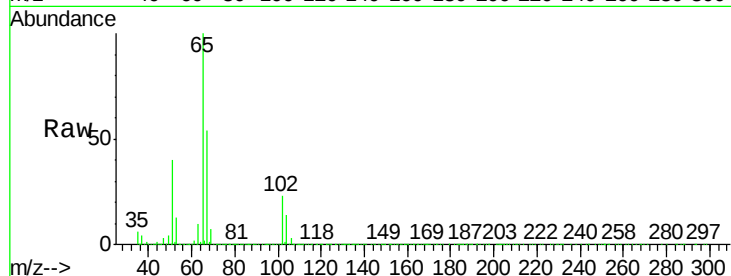
MW-2

Tot Ion: 65 Resp: 299137

Ion Ratio Lower Upper

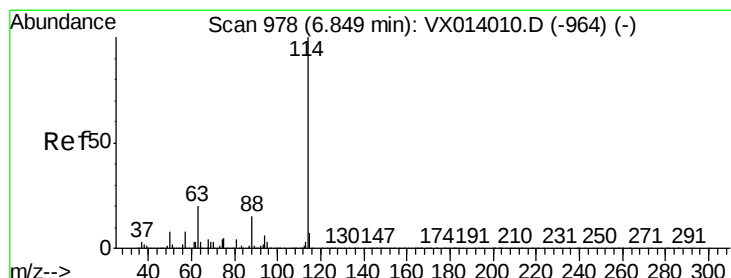
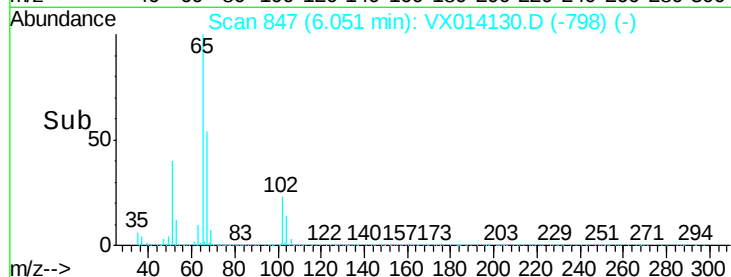
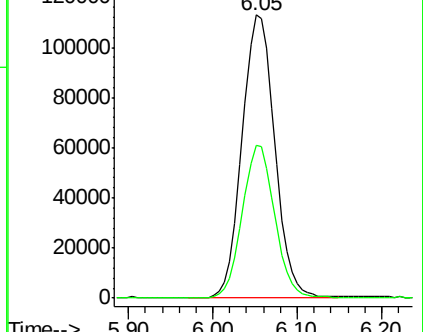
65 100

67 53.1 0.0 106.4



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: VX014130.D

Acq: 19 Dec 2019 18:57

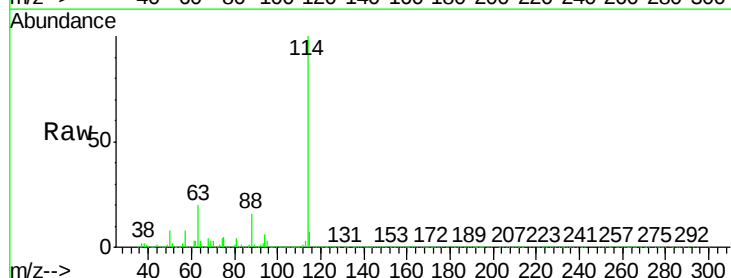
Tgt Ion: 114 Resp: 836339

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

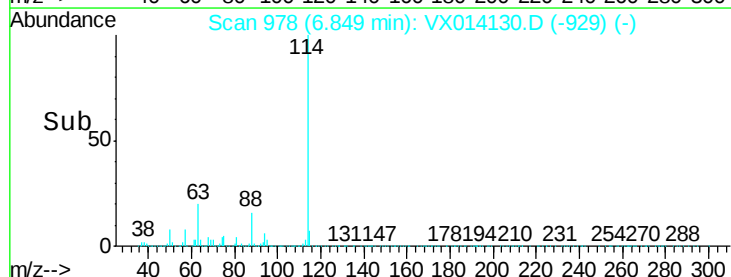
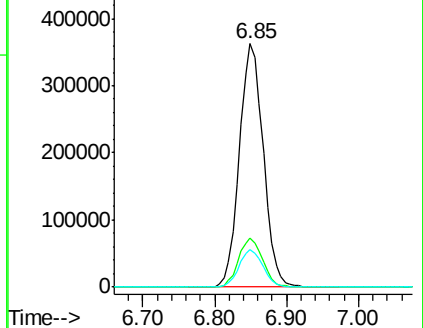
88 15.5 0.0 30.4

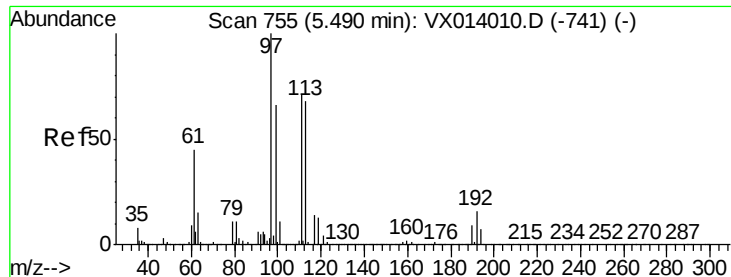


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

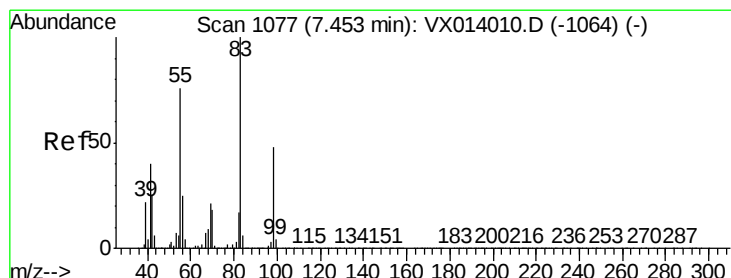
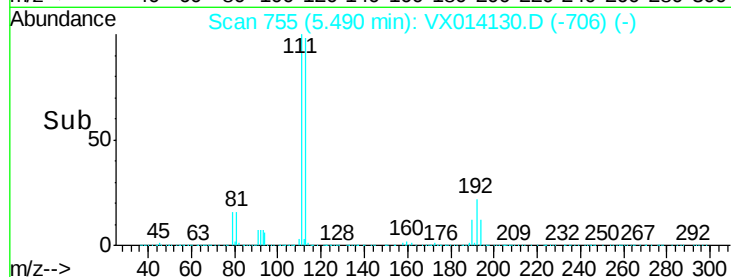
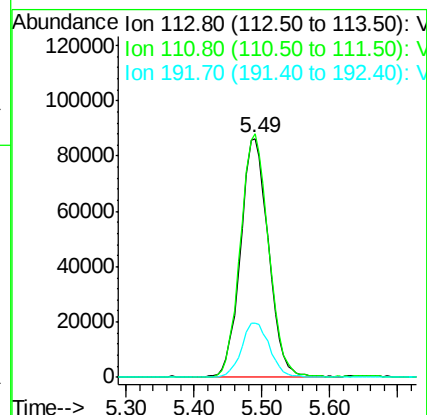
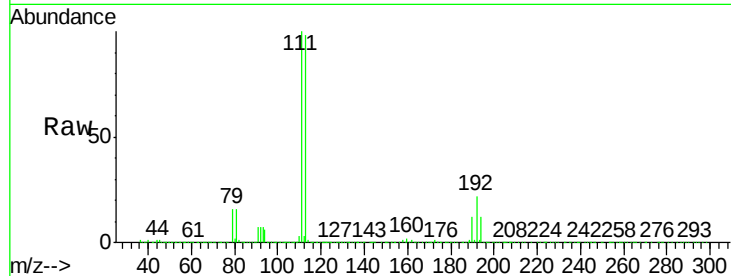




#35
Dibromofluoromethane
Concen: 48.327 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014130.D
Acq: 19 Dec 2019 18:57

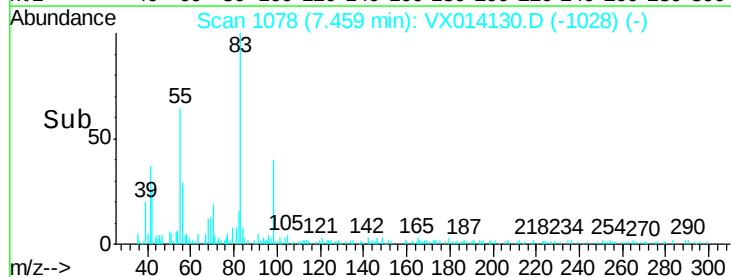
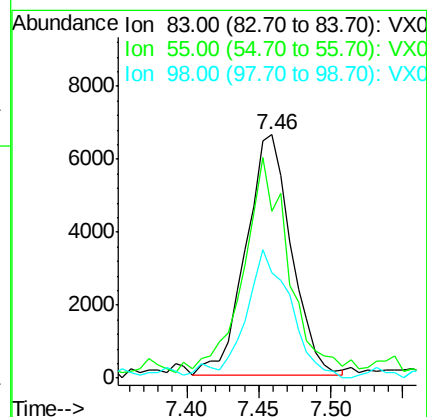
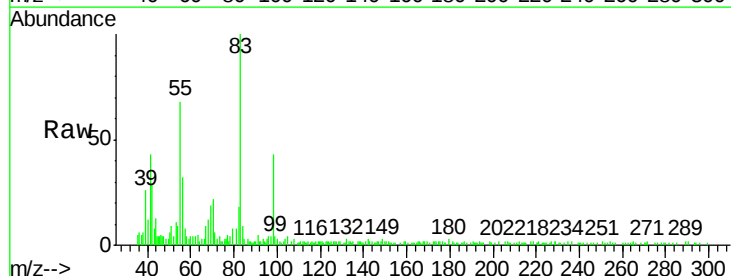
Instrument :
MSVOA_X
ClientSampleId :
MW-2

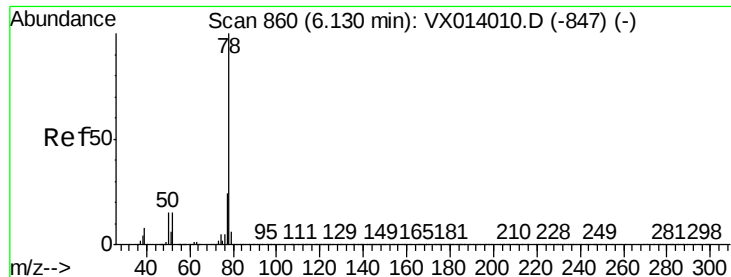
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.3	19.3	28.9



#39
Methylcyclohexane
Concen: 1.517 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014130.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
83	100		
55	65.3	61.0	91.6
98	44.0	38.6	57.8





#40

Benzene

Concen: 66.147 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014130.D

Acq: 19 Dec 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

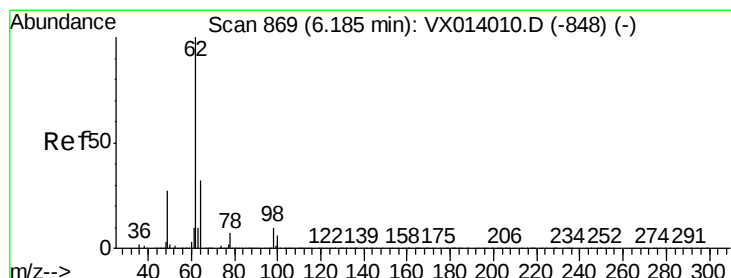
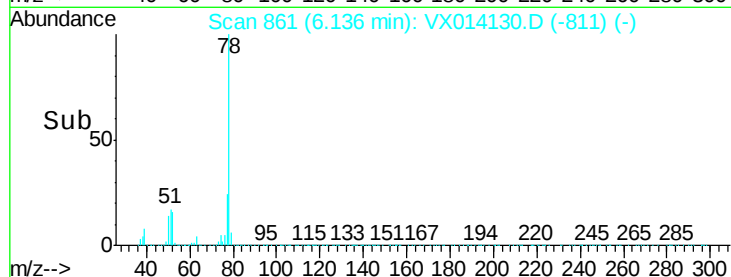
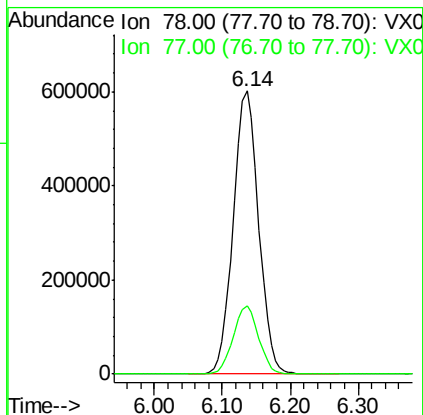
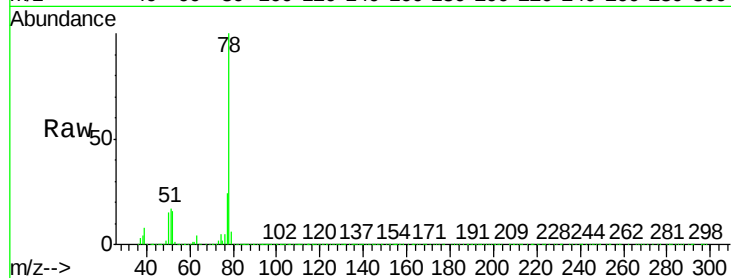
MW-2

Tot Ion: 78 Resp: 1561831

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



#42

1,2-Dichloroethane

Concen: 3.940 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014130.D

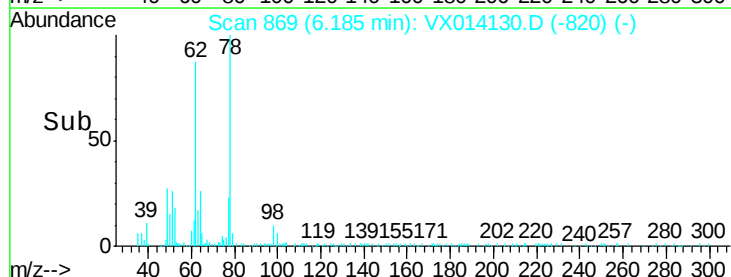
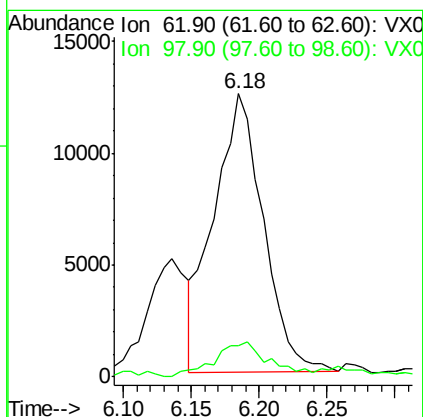
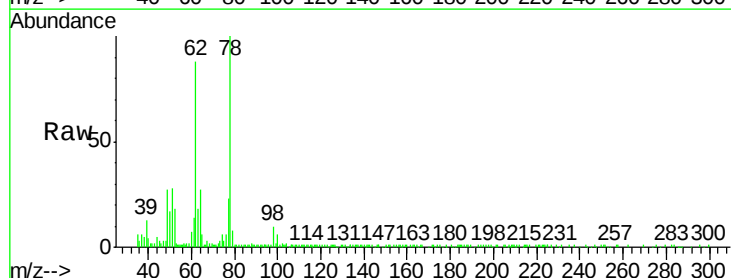
Acq: 19 Dec 2019 18:57

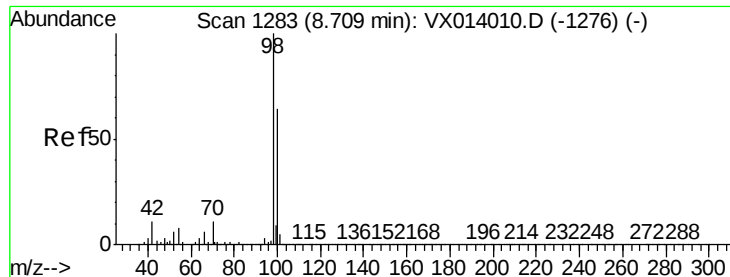
Tgt Ion: 62 Resp: 31534

Ion Ratio Lower Upper

62 100

98 14.0 0.0 21.0





#50

Toluene-d8

Concen: 50.446 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014130.D

Acq: 19 Dec 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

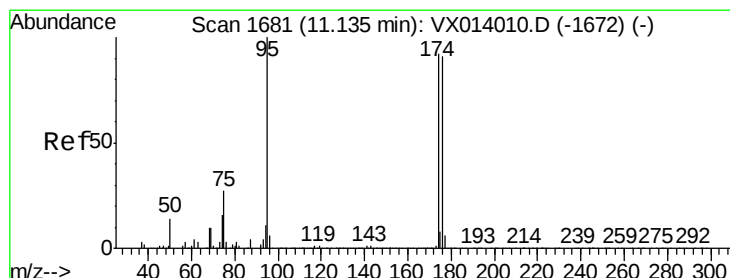
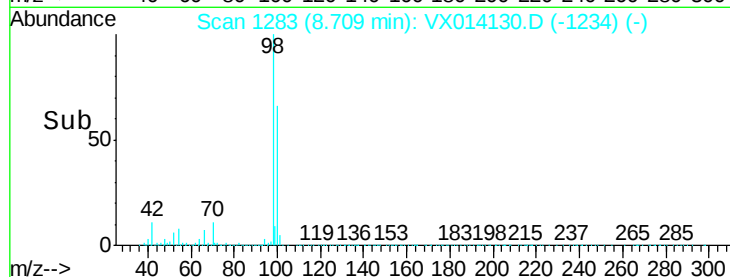
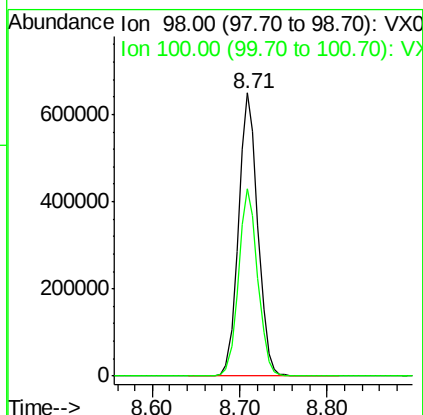
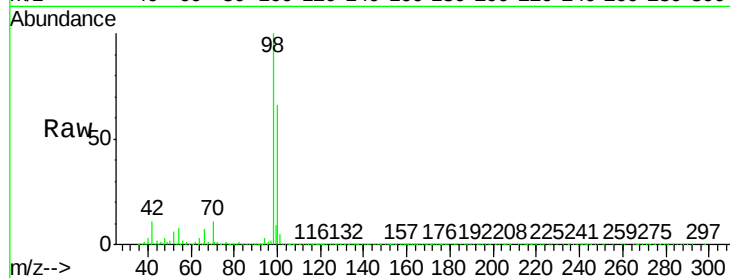
MW-2

Tot Ion: 98 Resp: 998499

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.322 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014130.D

Acq: 19 Dec 2019 18:57

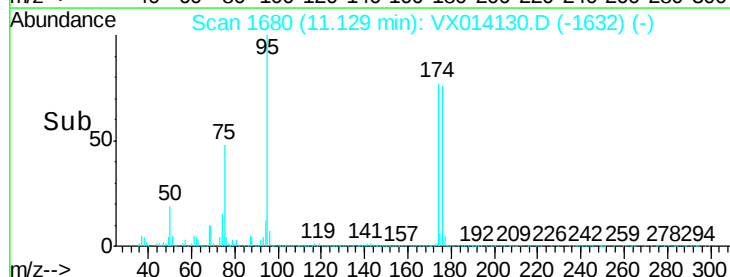
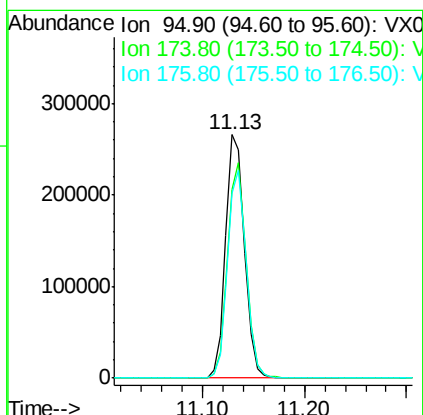
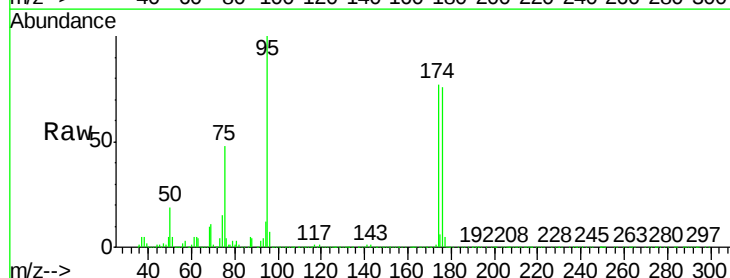
Tgt Ion: 95 Resp: 342388

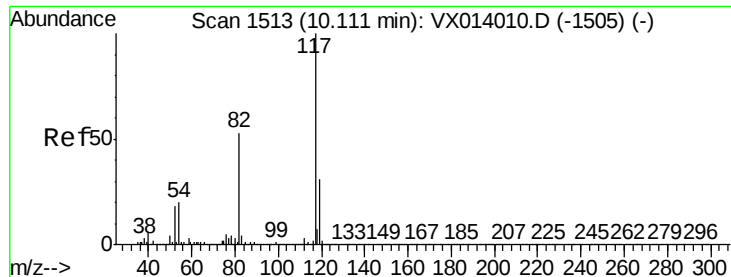
Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.8

176 84.1 0.0 173.0

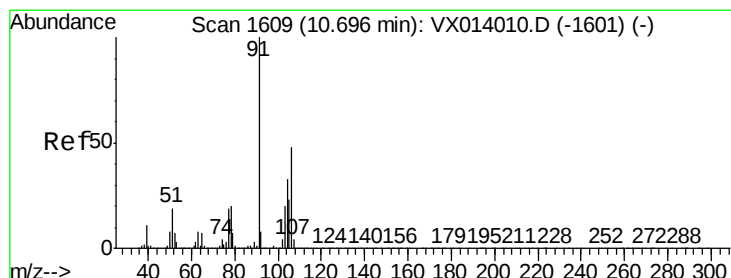
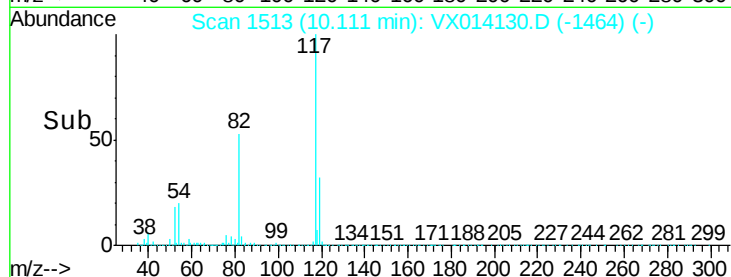
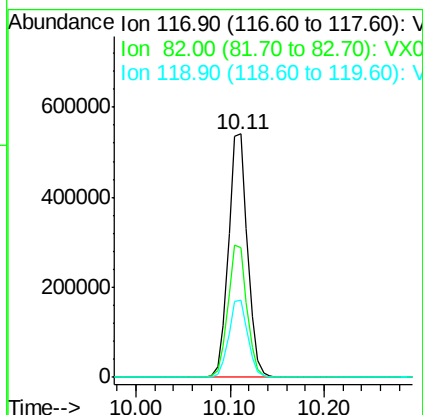
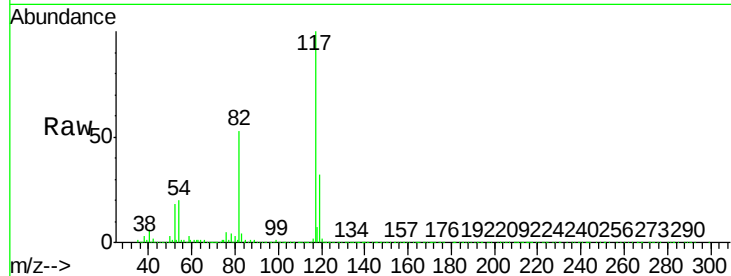




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014130.D
Acq: 19 Dec 2019 18:57

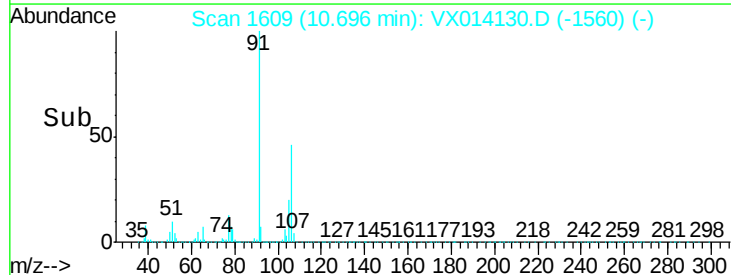
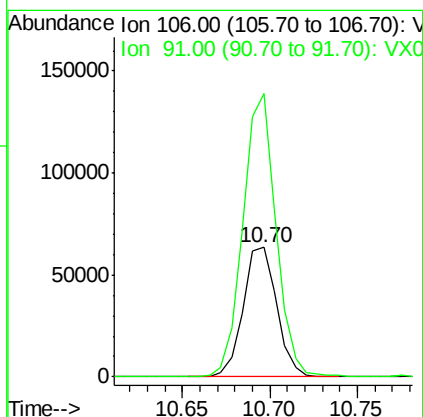
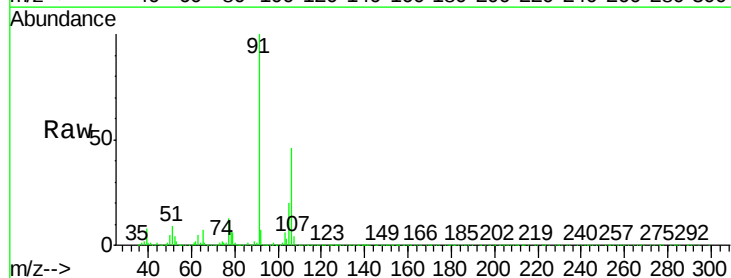
Instrument :
MSVOA_X
ClientSampleId :
MW-2

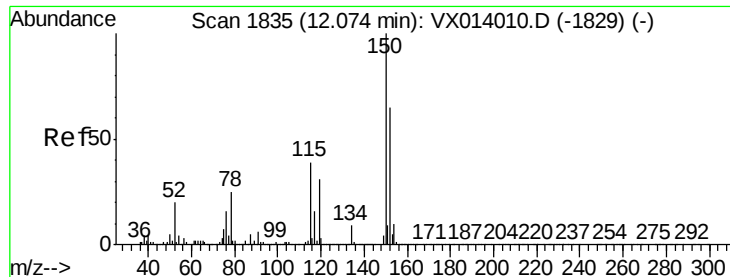
Tot Ion:117 Resp: 753850
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 31.8 25.1 37.7



#69
o-Xylene
Concen: 8.138 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014130.D
Acq: 19 Dec 2019 18:57

Tgt Ion:106 Resp: 84598
Ion Ratio Lower Upper
106 100
91 215.2 104.2 312.6



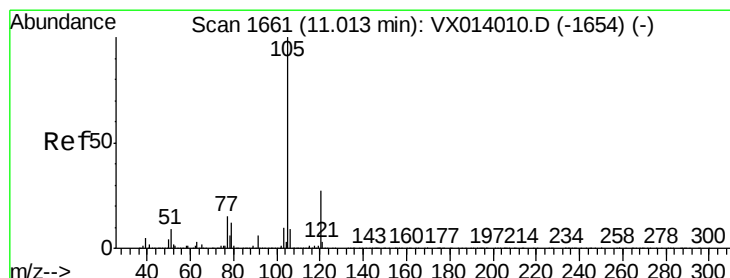
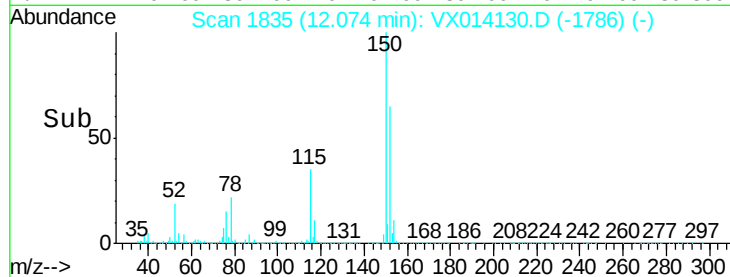
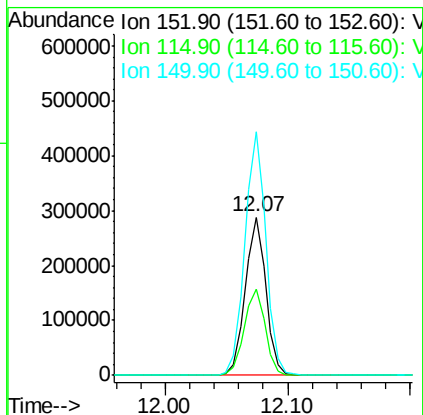
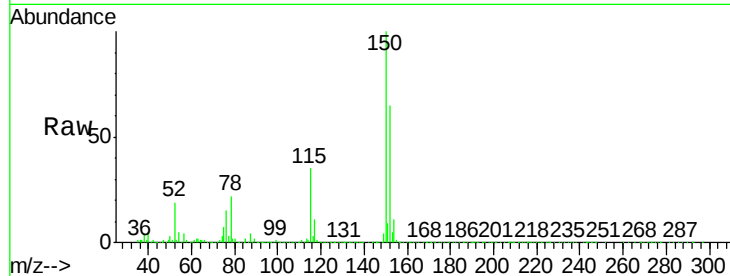


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014130.D
Acq: 19 Dec 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
MW-2

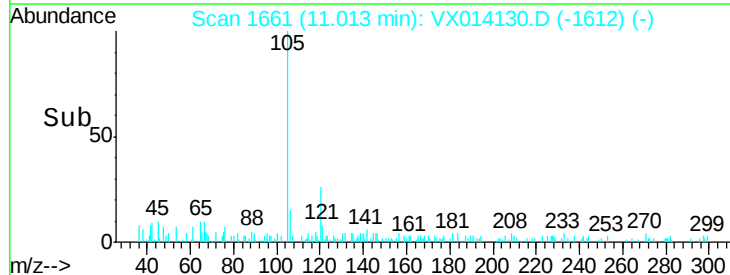
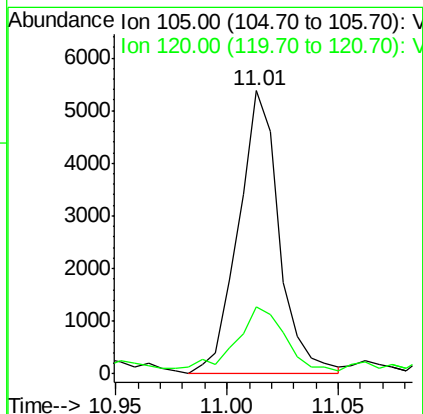
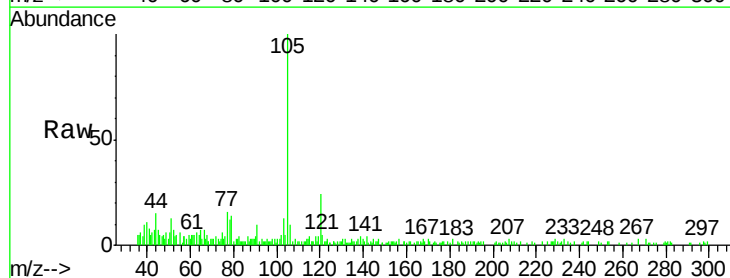
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.3	114.9
150	156.3	0.0	345.4

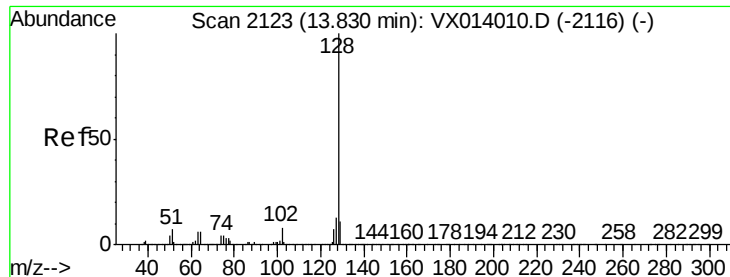


#73

Isopropylbenzene
Concen: 0.292 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014130.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.4

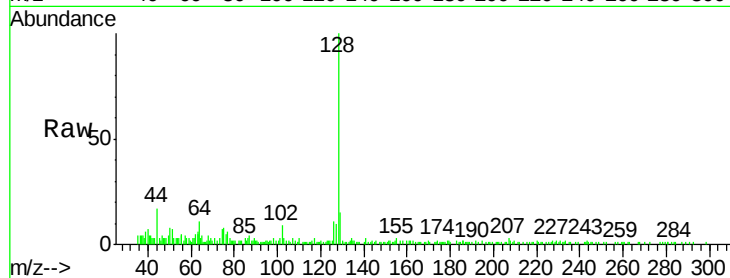




#95
Naphthalene
Concen: 0.483 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014130.D
Acq: 19 Dec 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	13.3	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

