

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013474.D
 Acq On : 20 Nov 2019 14:02
 Operator : JC/SP
 Sample : K5958-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Nov 21 09:52:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	712956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1162707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1069490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	514241	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	424272	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
35) Dibromofluoromethane	5.48	113	356037	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
50) Toluene-d8	8.71	98	1417527	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.13	95	544349	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	

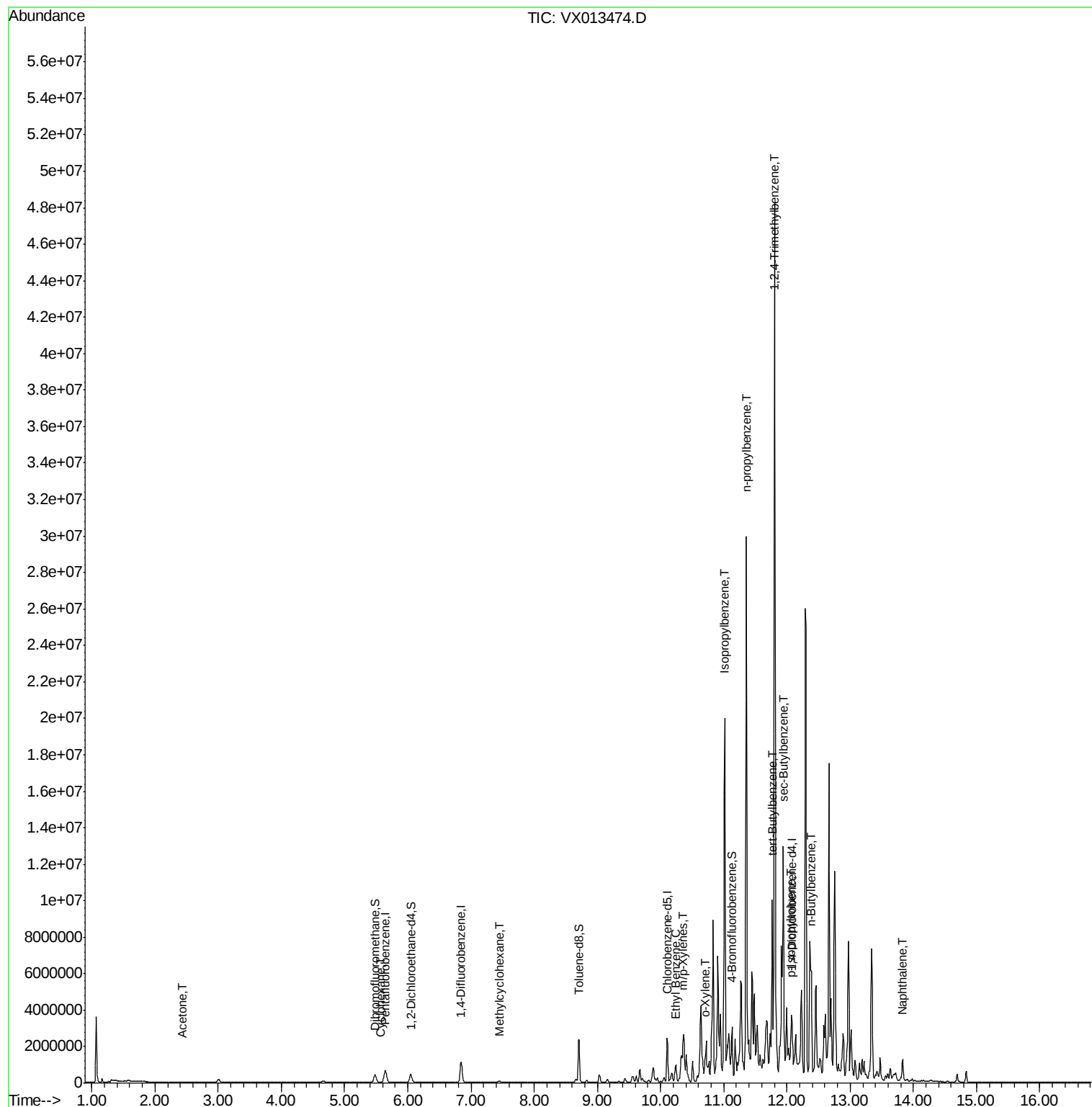
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	14950	3.549	ug/l #	85
31) Cyclohexane	5.57	56	14247	1.234	ug/l #	97
39) Methylcyclohexane	7.45	83	34923	2.810	ug/l #	83
67) Ethyl Benzene	10.25	91	359393	9.617	ug/l	98
68) m/p-Xylenes	10.35	106	305427	21.611	ug/l	98
69) o-Xylene	10.70	106	18947	1.369	ug/l	91
73) Isopropylbenzene	11.01	105	9496404	278.528	ug/l	96
78) n-propylbenzene	11.35	91	13814487	363.733	ug/l #	75
83) tert-Butylbenzene	11.76	119	1099314	38.454	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	14132580	496.078	ug/l #	62
85) sec-Butylbenzene	11.94	105	5316367	161.808	ug/l	100
86) p-Isopropyltoluene	12.06	119	453962	15.005	ug/l	99
89) n-Butylbenzene	12.39	91	2364301	89.559	ug/l #	81
95) Naphthalene	13.83	128	731545	20.639	ug/l	97

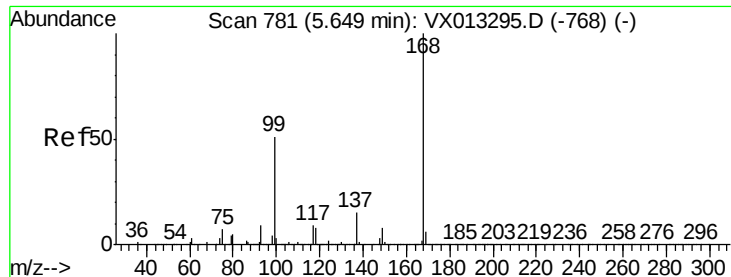
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

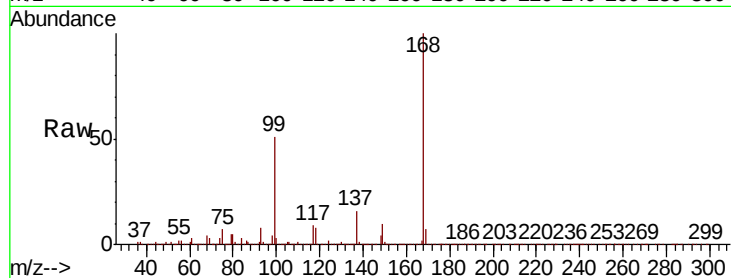
MW-1

Tot Ion:168 Resp: 712956

Ion Ratio Lower Upper

168 100

99 51.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

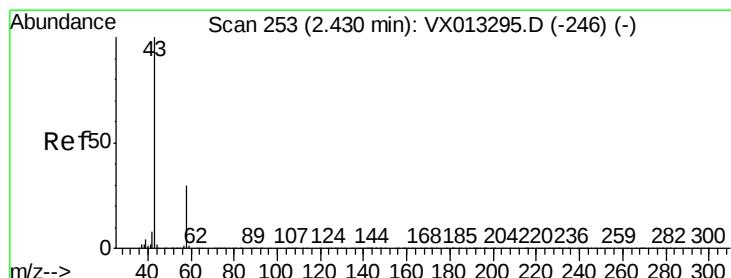
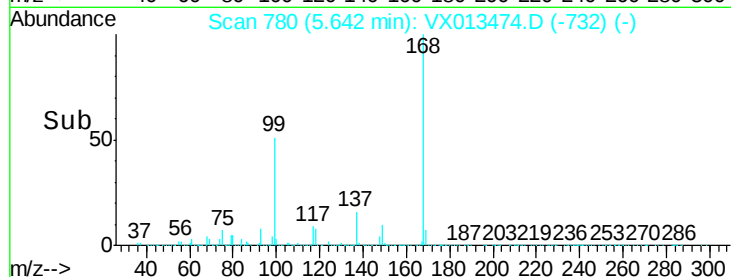
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.549 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013474.D

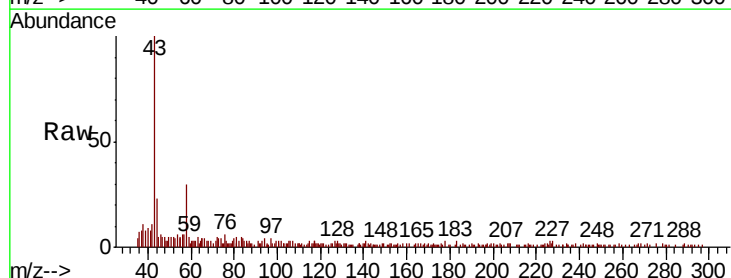
Acq: 20 Nov 2019 14:02

Tgt Ion: 43 Resp: 14950

Ion Ratio Lower Upper

43 100

58 22.3 24.3 36.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

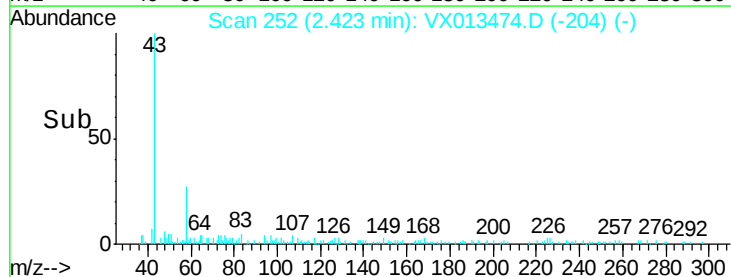
6000

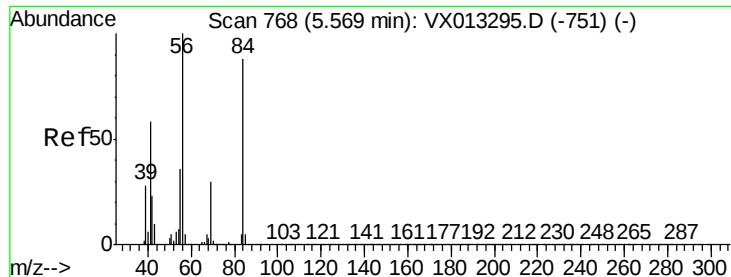
4000

2000

0

Time-->





#31

Cyclohexane

Concen: 1.234 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

MW-1

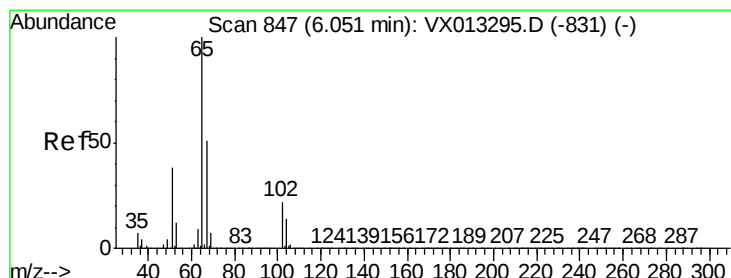
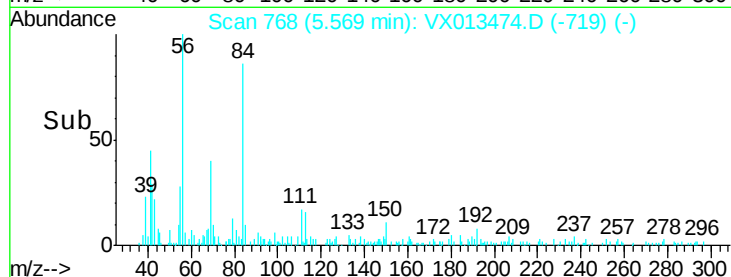
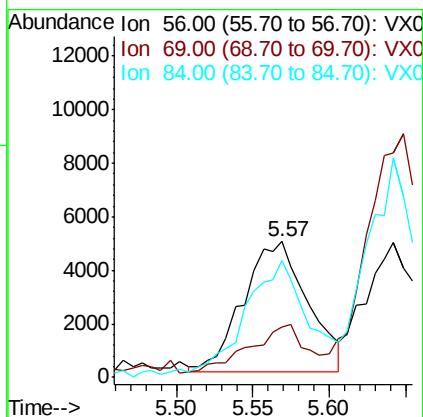
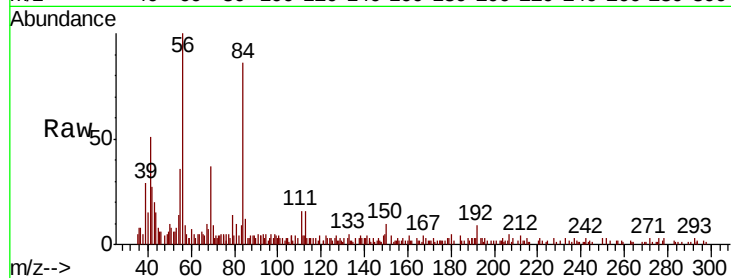
Tot Ion: 56 Resp: 14247

Ion Ratio Lower Upper

56 100

69 36.0 23.7 35.5#

84 88.7 70.6 105.8



#33

1,2-Dichloroethane-d4

Concen: 50.231 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013474.D

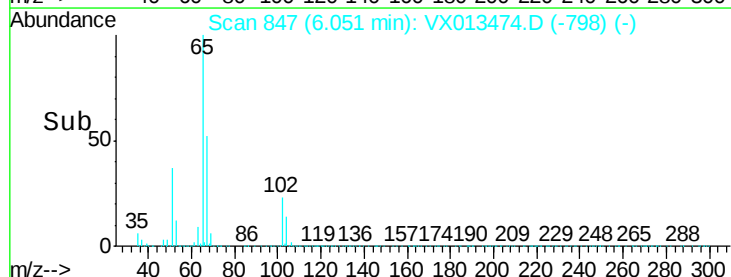
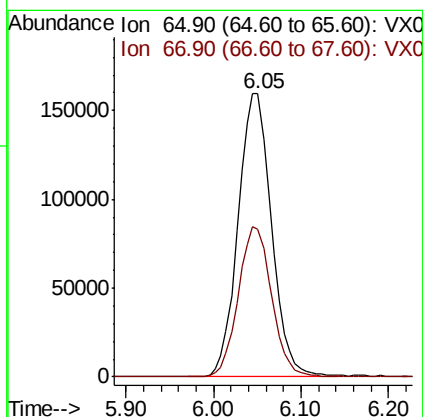
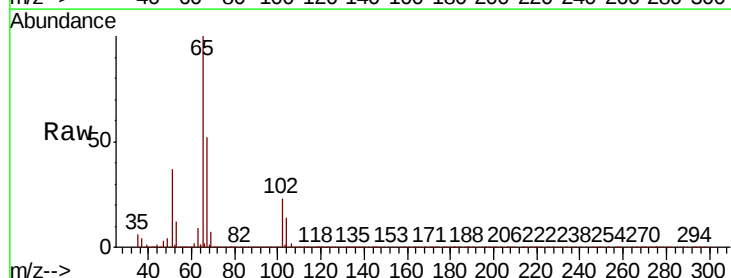
Acq: 20 Nov 2019 14:02

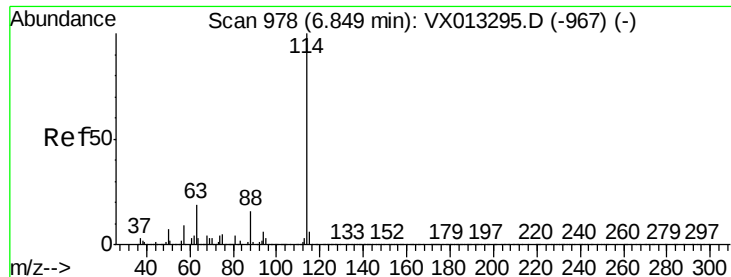
Tgt Ion: 65 Resp: 424272

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

MW-1

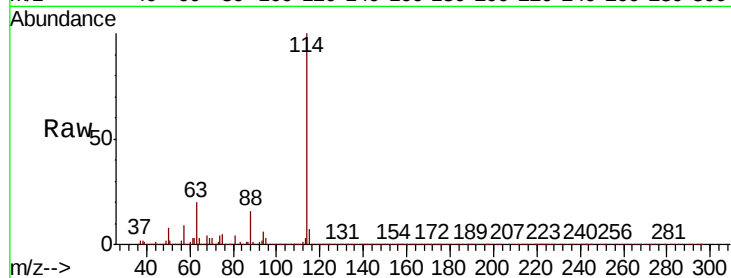
Tot Ion:114 Resp: 1162707

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

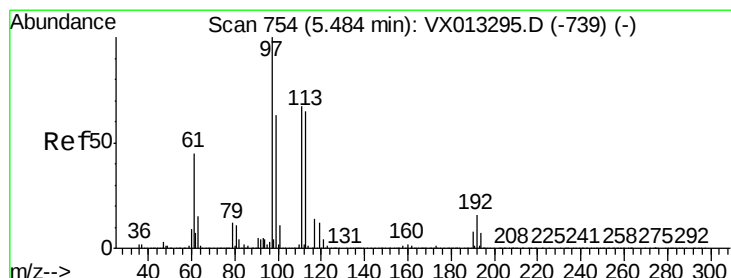
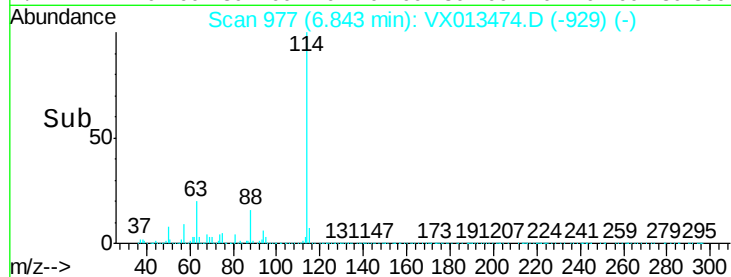
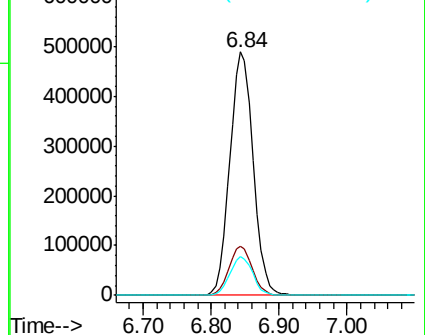
88 15.9 0.0 32.2



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: 48.821 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

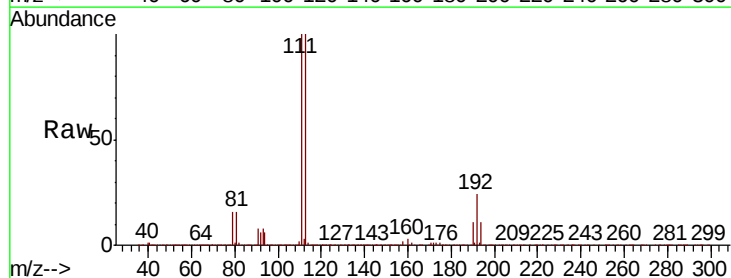
Tgt Ion:113 Resp: 356037

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

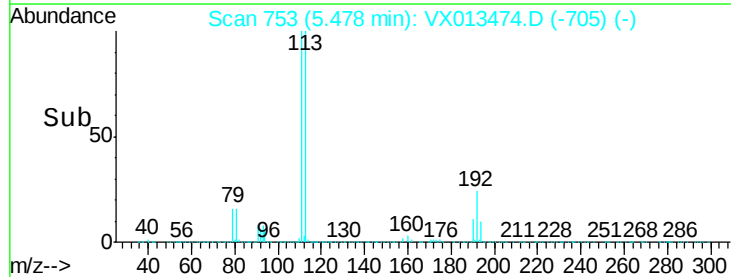
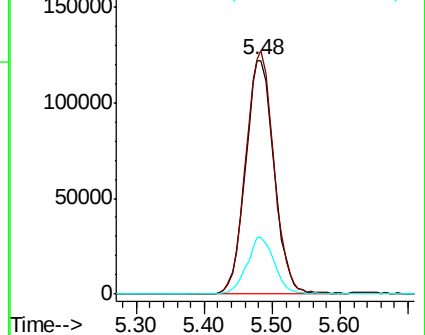
192 23.6 19.1 28.7

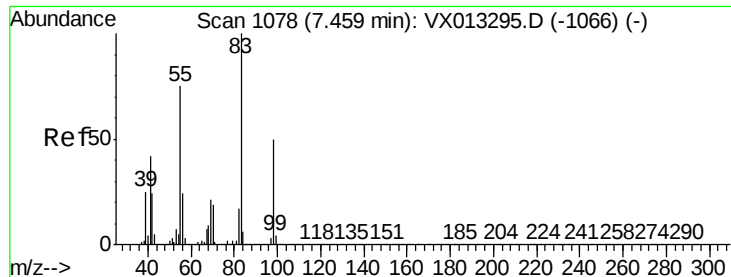


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

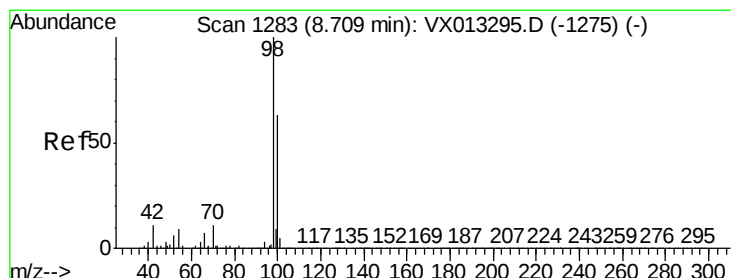
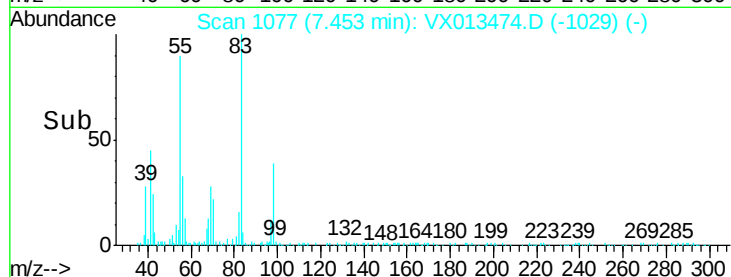
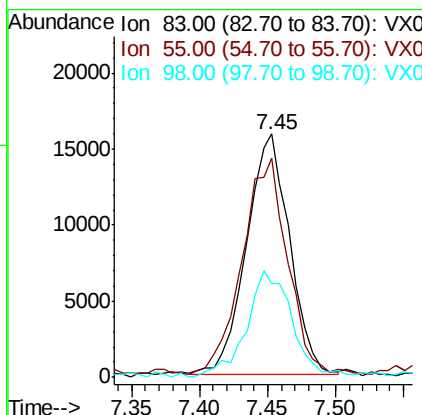
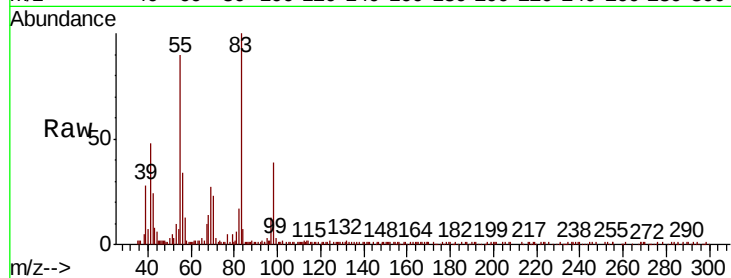




#39
Methvlcvclohexane
Concen: 2.810 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

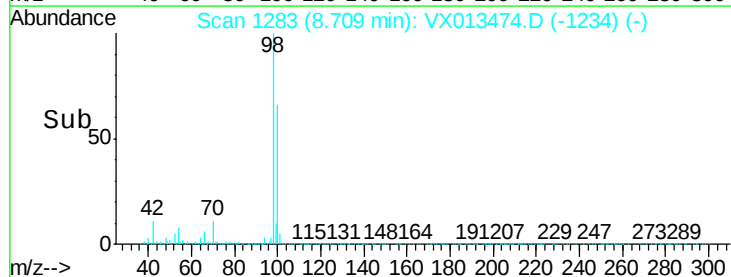
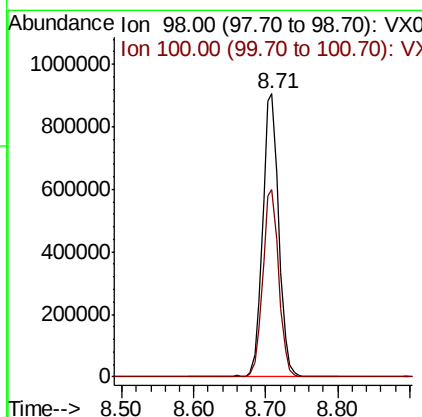
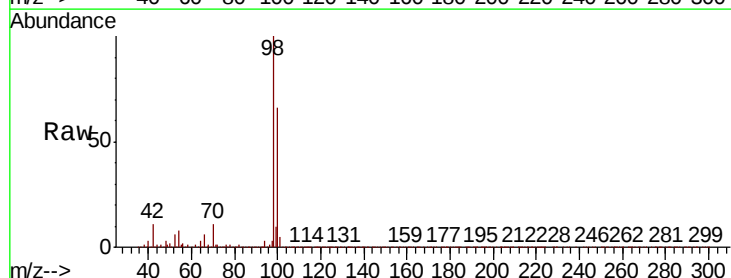
Instrument :
MSVOA_X
ClientSampleId :
MW-1

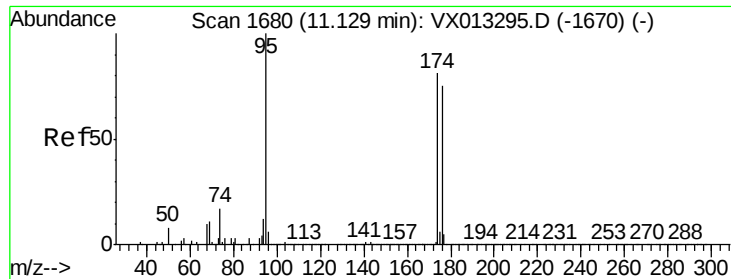
Tot Ion	83	Resp	34923
Ion Ratio	Lower	Upper	
83	100		
55	89.8	60.3	90.5
98	39.3	40.3	60.5#



#50
Toluene-d8
Concen: 51.560 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Tgt Ion	98	Resp	1417527
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.2	78.2

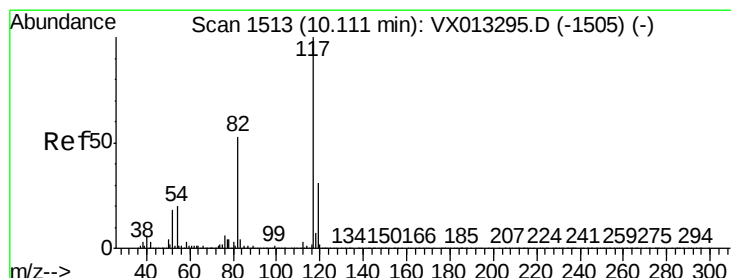
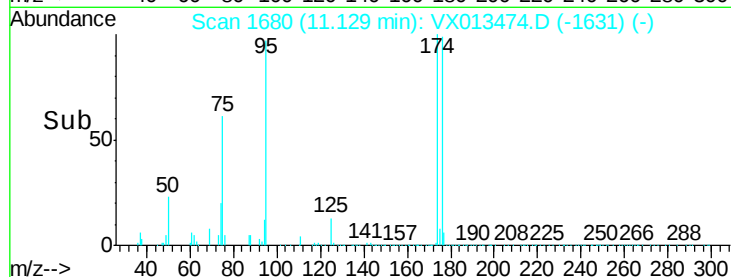
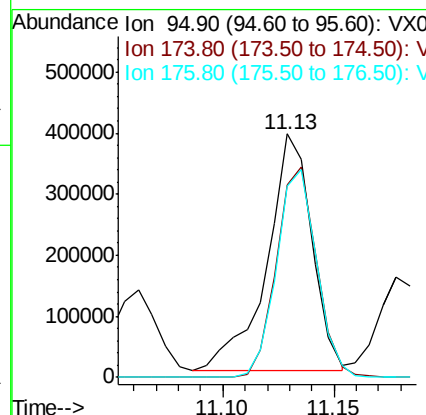
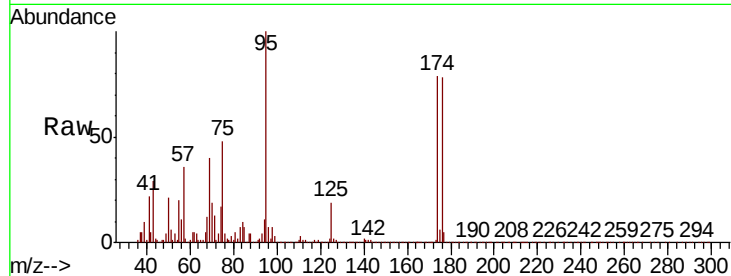




#62
4-Bromofluorobenzene
Concen: 54.862 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

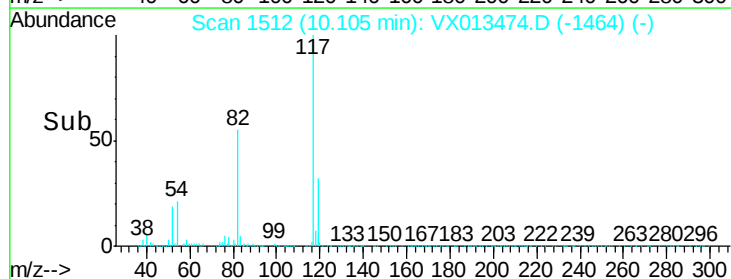
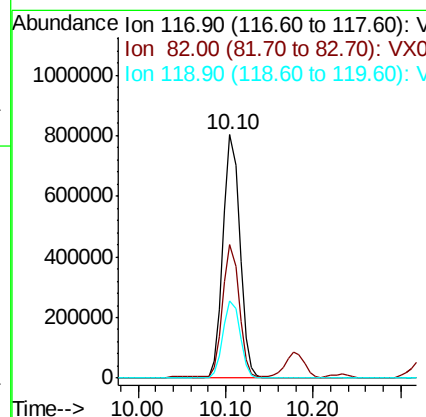
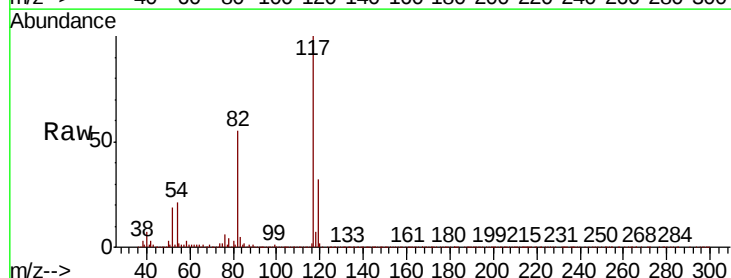
Instrument :
MSVOA_X
ClientSampleId :
MW-1

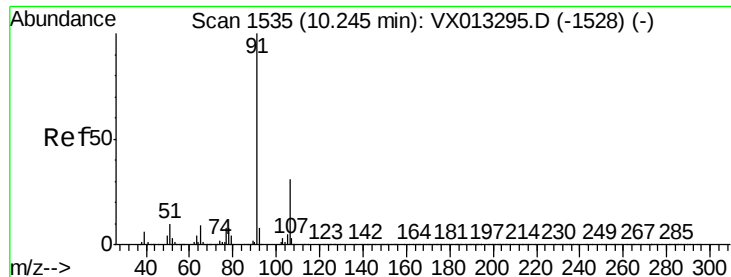
Tot Ion: 95 Resp: 544349
Ion Ratio Lower Upper
95 100
174 79.3 0.0 179.8
176 78.2 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Tgt Ion: 117 Resp: 1069490
Ion Ratio Lower Upper
117 100
82 54.2 42.6 64.0
119 31.8 24.8 37.2





#67

Ethyl Benzene

Concen: 9.617 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

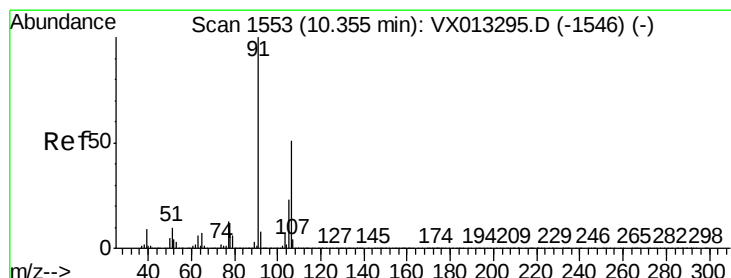
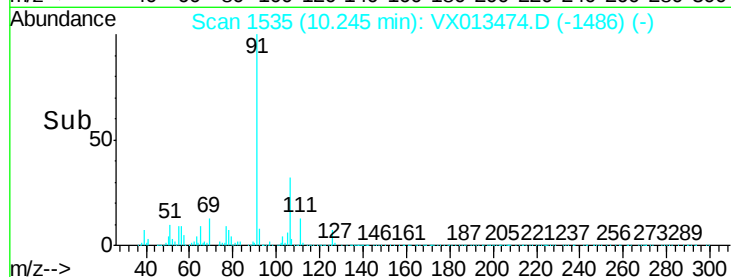
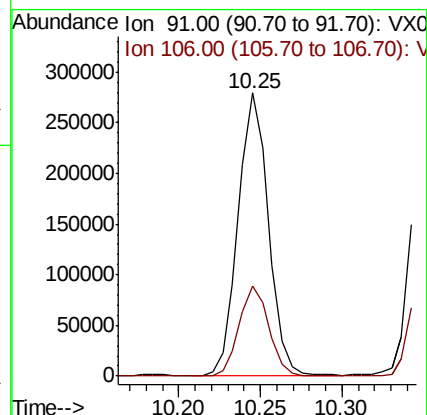
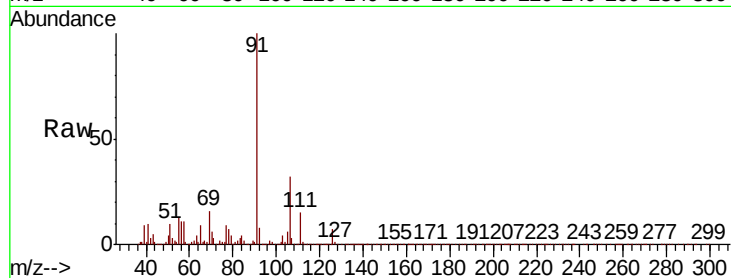
MW-1

Tot Ion: 91 Resp: 359393

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 21.611 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013474.D

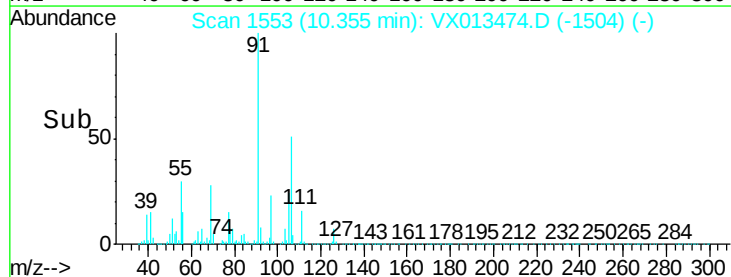
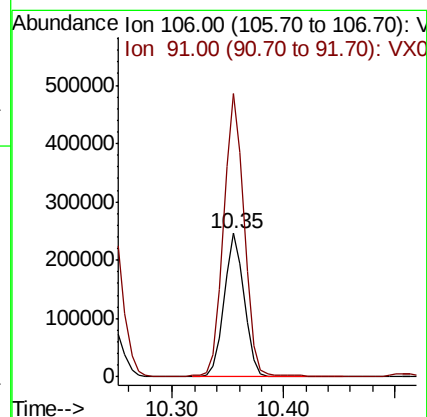
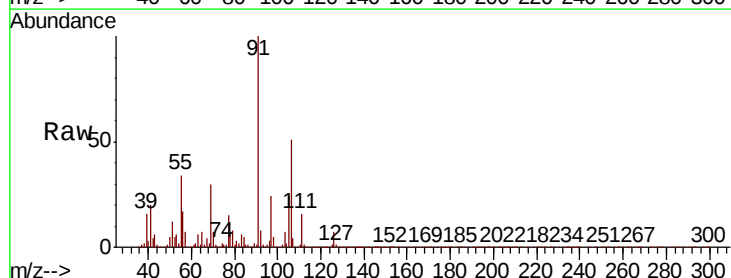
Acq: 20 Nov 2019 14:02

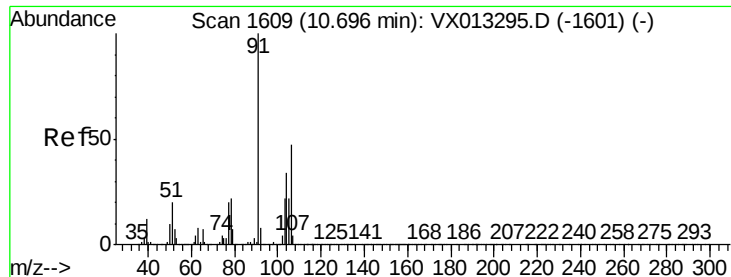
Tgt Ion: 106 Resp: 305427

Ion Ratio Lower Upper

106 100

91 202.8 159.3 238.9

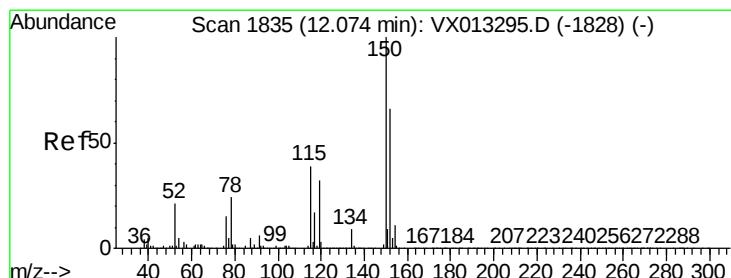
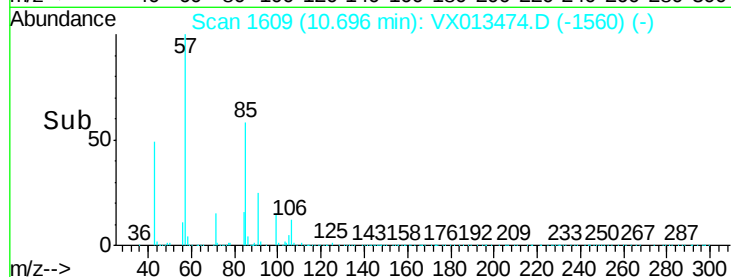
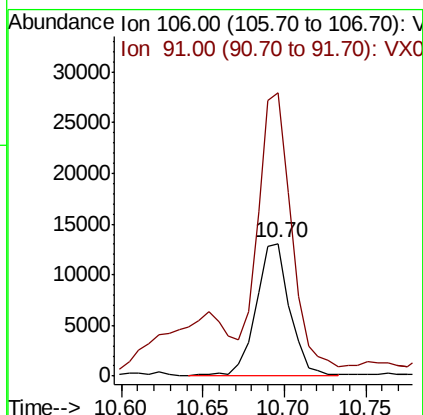
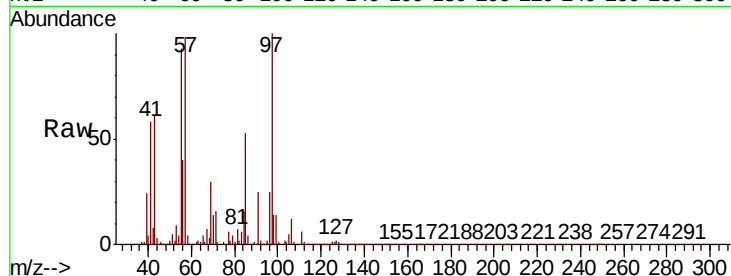




#69
o-Xylene
Concen: 1.369 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

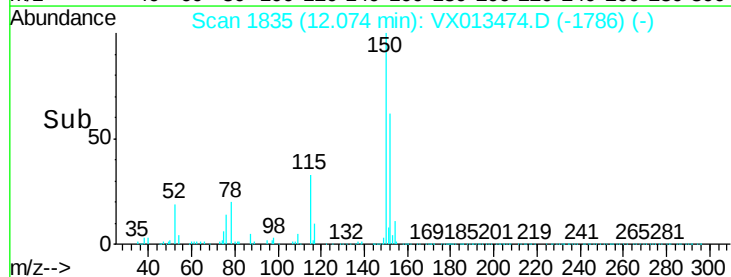
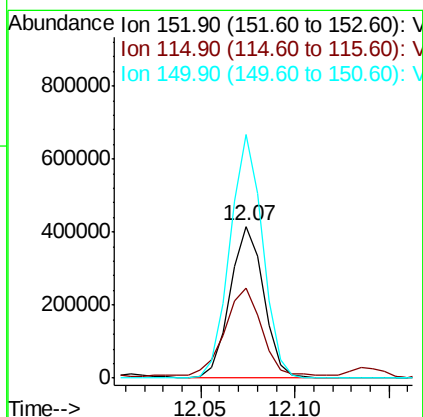
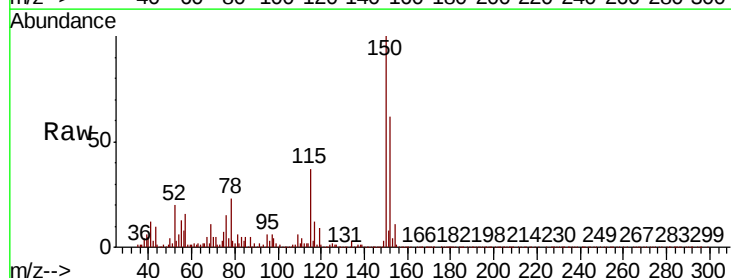
Instrument :
MSVOA_X
ClientSampled :
MW-1

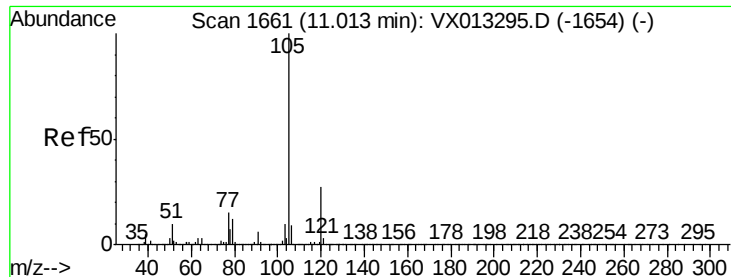
Tot Ion:106 Resp: 18947
Ion Ratio Lower Upper
106 100
91 196.9 105.7 317.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Tgt Ion:152 Resp: 514241
Ion Ratio Lower Upper
152 100
115 70.0 39.5 118.3
150 155.7 0.0 344.4





#73

Isopropylbenzene

Concen: 278.528 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

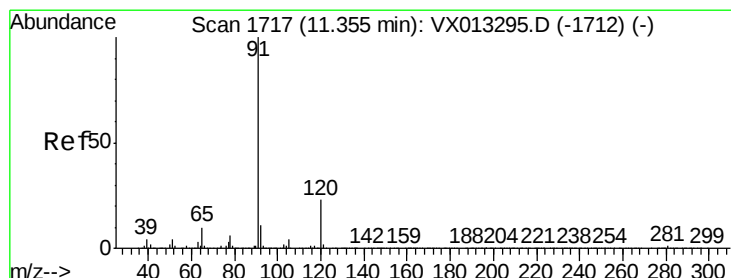
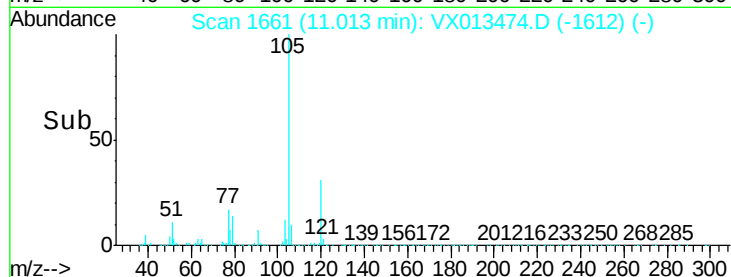
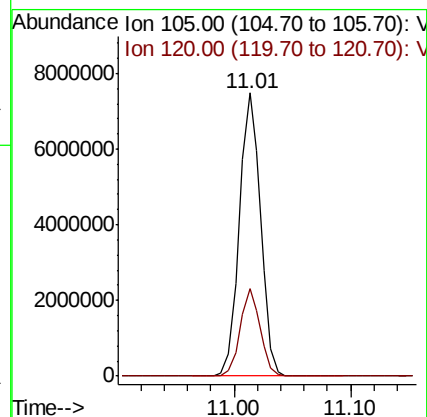
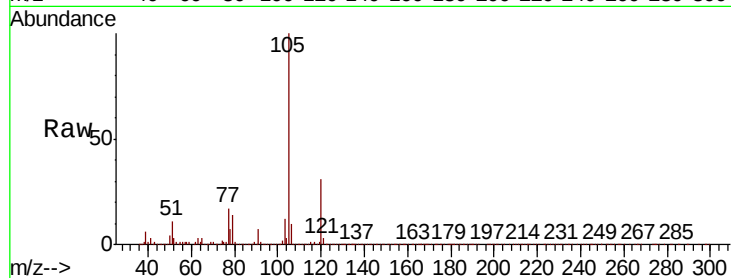
MW-1

Tot Ion:105 Resp: 9496404

Ion Ratio Lower Upper

105 100

120 29.0 13.5 40.5



#78

n-propylbenzene

Concen: 363.733 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.01 min

Lab File: VX013474.D

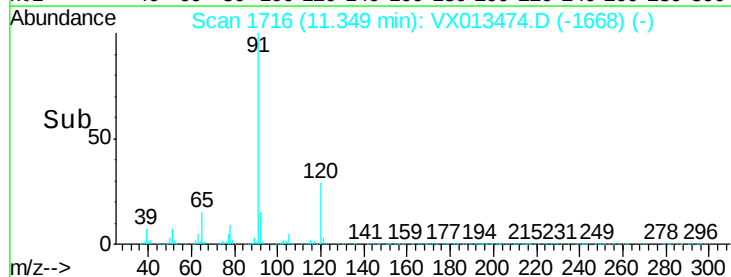
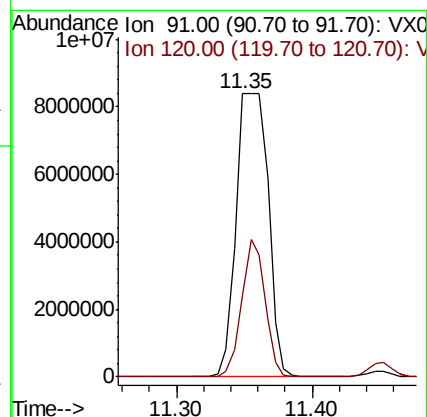
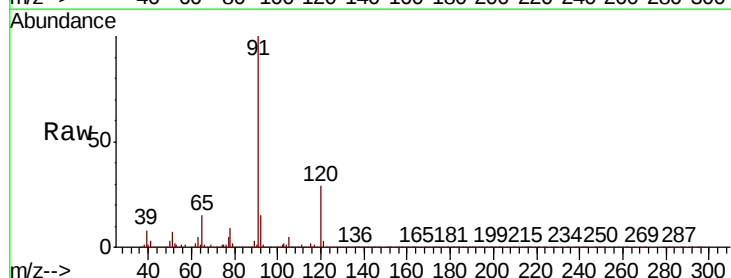
Acq: 20 Nov 2019 14:02

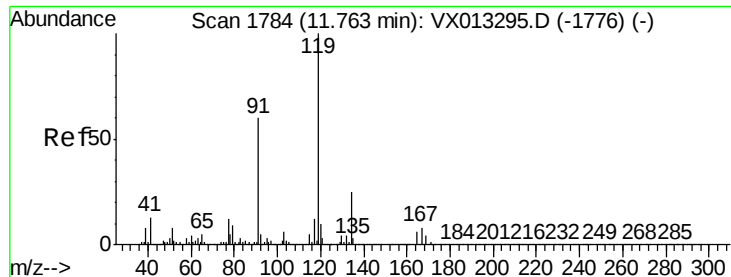
Tgt Ion: 91 Resp:13814487

Ion Ratio Lower Upper

91 100

120 35.3 11.6 34.8#





#83

tert-Butylbenzene

Concen: 38.454 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

MW-1

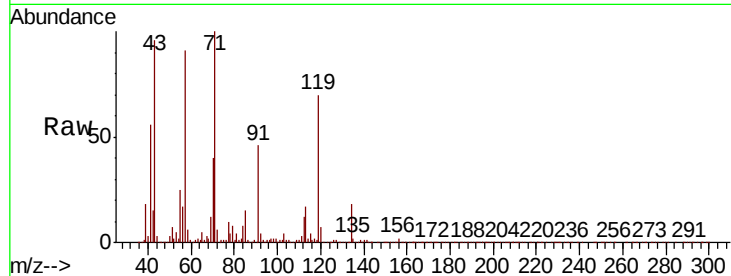
Tot Ion:119 Resp: 1099314

Ion Ratio Lower Upper

119 100

91 65.6 26.9 80.7

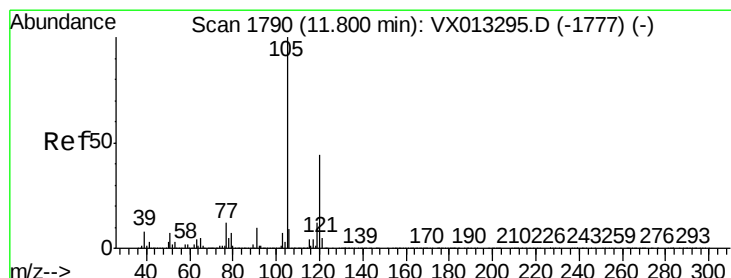
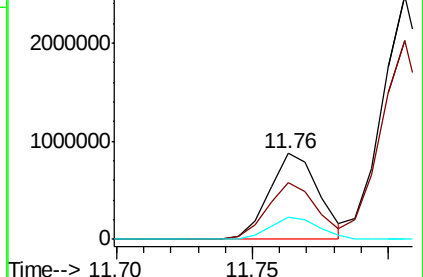
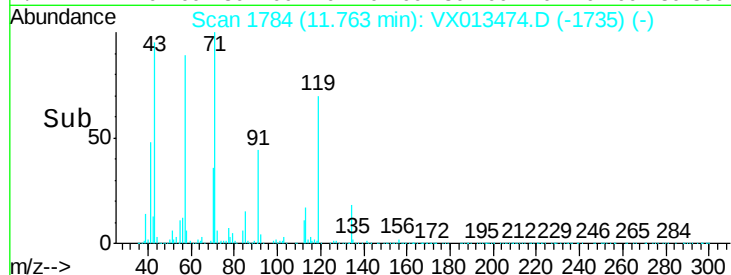
134 26.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 496.078 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX013474.D

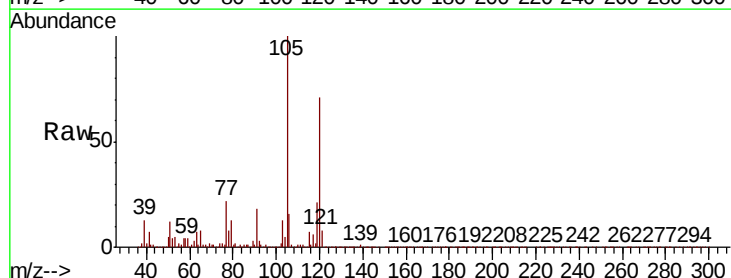
Acq: 20 Nov 2019 14:02

Tgt Ion:105 Resp:14132580

Ion Ratio Lower Upper

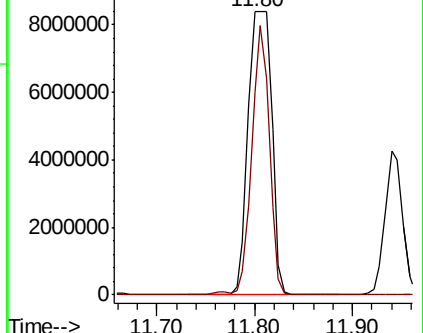
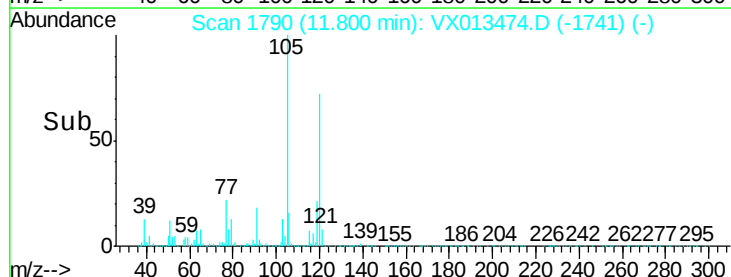
105 100

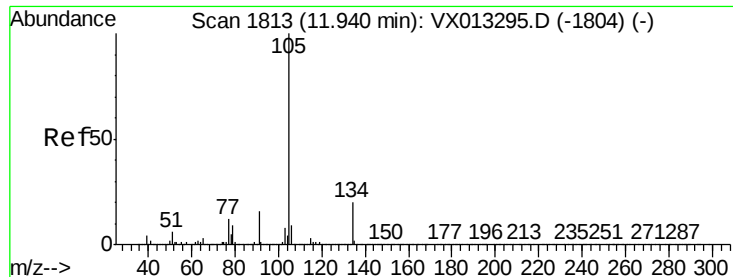
120 70.6 22.7 68.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 161.808 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

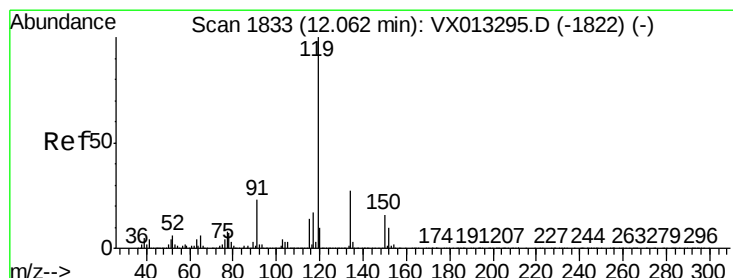
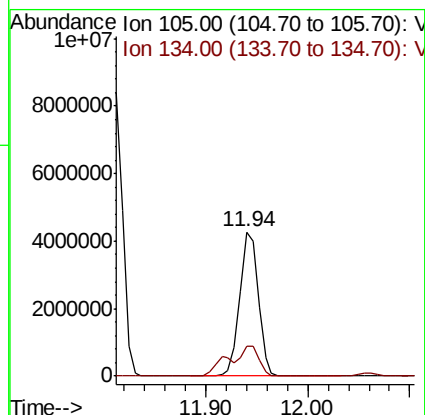
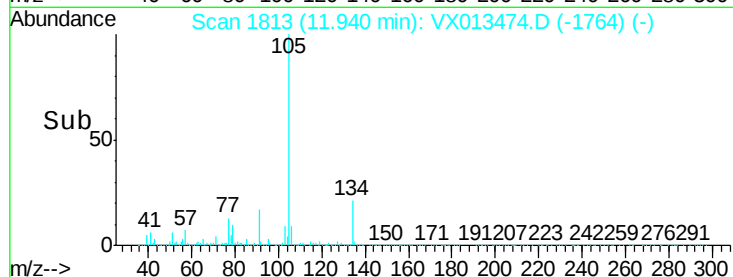
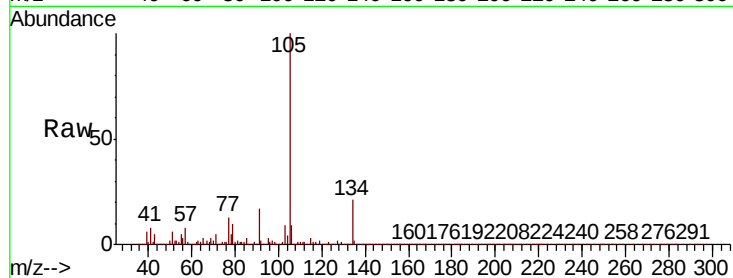
MW-1

Tot Ion:105 Resp: 5316367

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.9



#86

p-Isopropyltoluene

Concen: 15.005 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

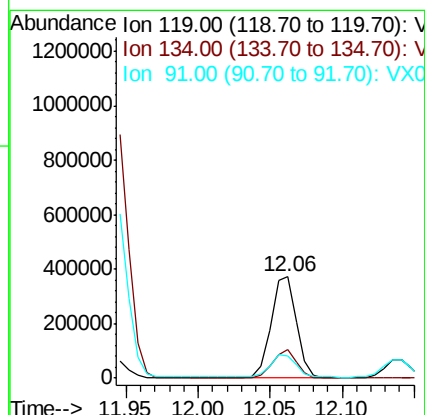
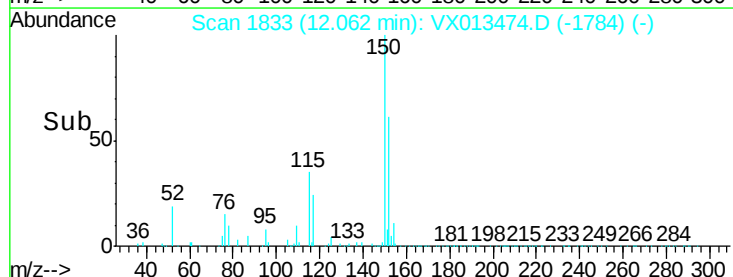
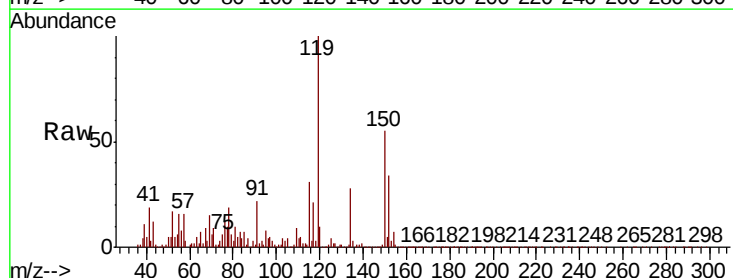
Tgt Ion:119 Resp: 453962

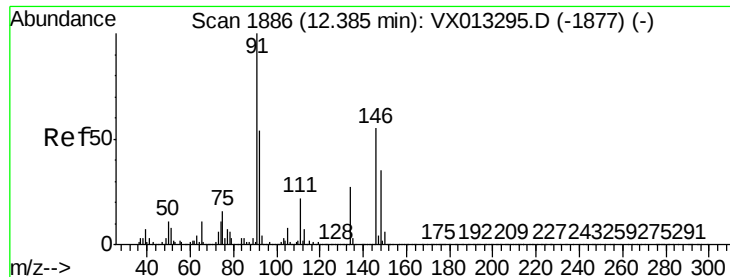
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 22.4 11.5 34.4

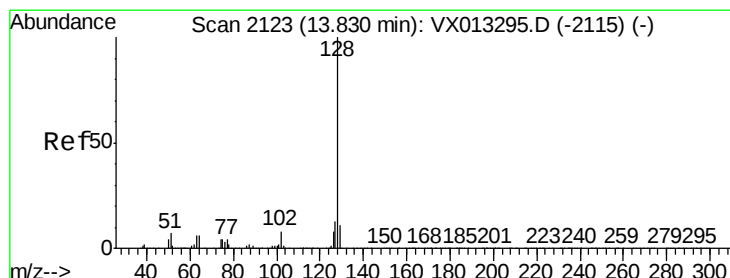
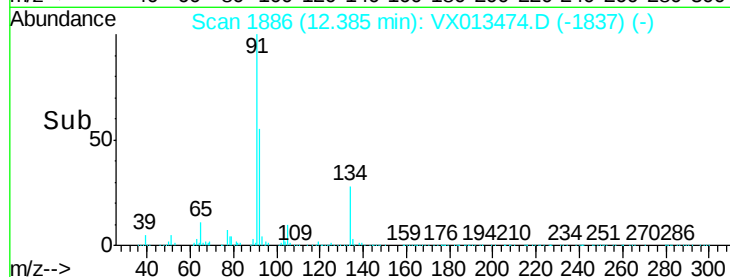
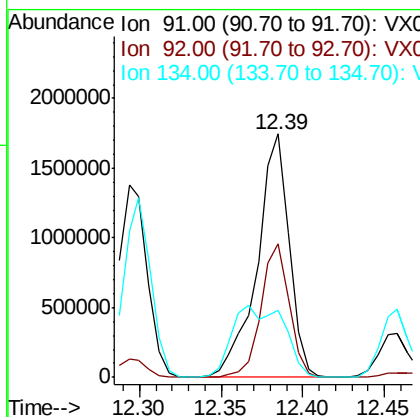
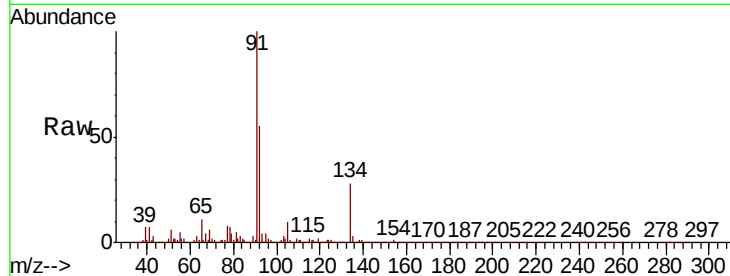




#89
n-Butylbenzene
Concen: 89.559 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tot Ion: 91 Resp: 2364301
Ion Ratio Lower Upper
91 100
92 48.6 27.3 81.8
134 47.9 13.5 40.5#



#95
Naphthalene
Concen: 20.639 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Tgt Ion: 128 Resp: 731545
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 12.1 8.5 12.7

