

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010583.D
 Acq On : 01 Jul 2019 12:14
 Operator : JC/SP
 Sample : K3565-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0575

Quant Time: Jul 02 05:43:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165696	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	124272	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
35) Dibromofluoromethane	5.50	113	121138	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	469505	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	157536	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	

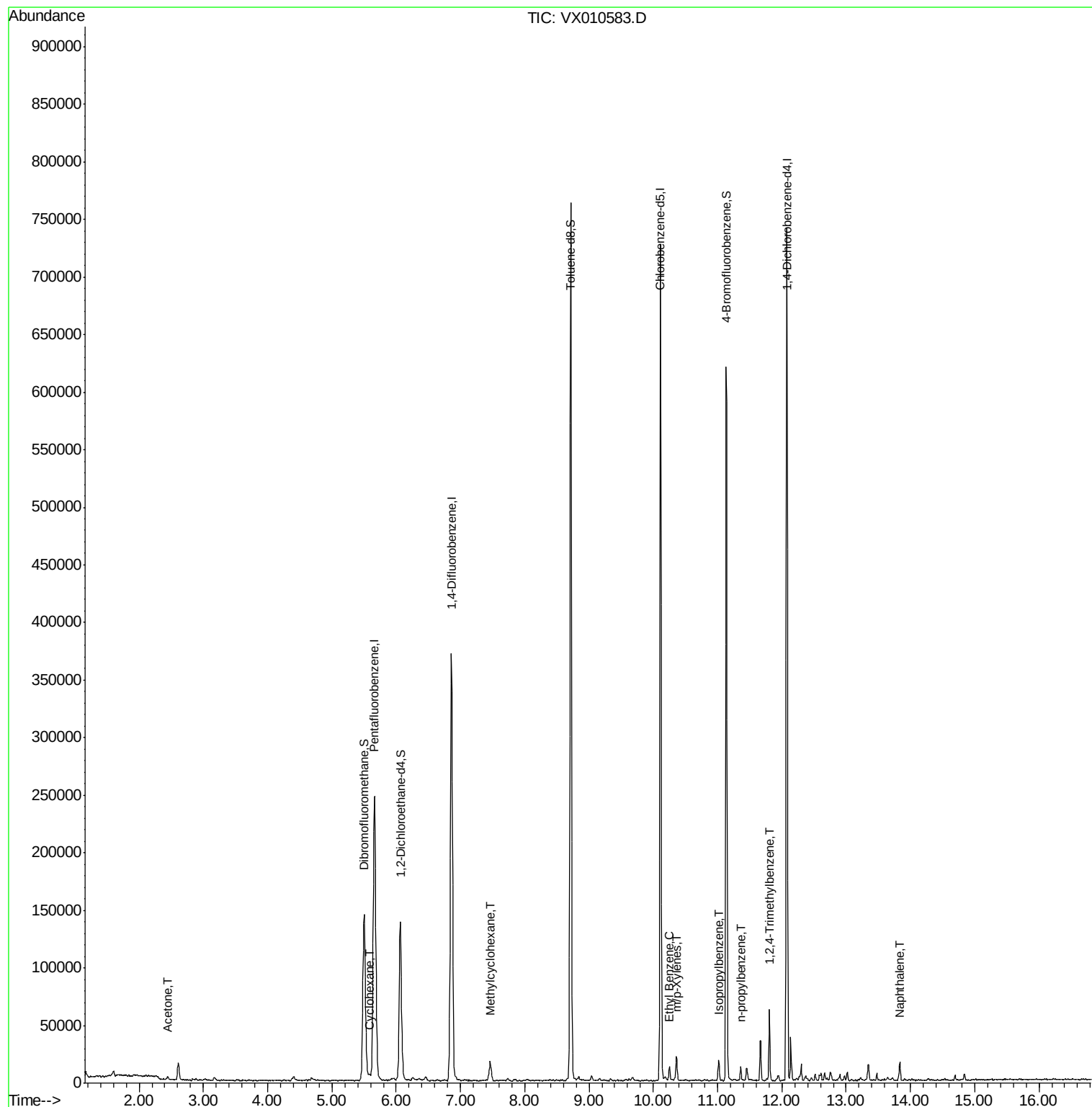
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3729	3.051	ug/l	94
31) Cyclohexane	5.59	56	3347	0.950	ug/l	99
39) Methylcyclohexane	7.46	83	7982	1.907	ug/l #	84
67) Ethyl Benzene	10.25	91	6682	0.542	ug/l	99
68) m/p-Xylenes	10.36	106	4478	0.938	ug/l	94
73) Isopropylbenzene	11.02	105	9264	0.825	ug/l	99
78) n-propylbenzene	11.36	91	7305	0.592	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	27464	2.952	ug/l	99
95) Naphthalene	13.83	128	9557	0.824	ug/l	98

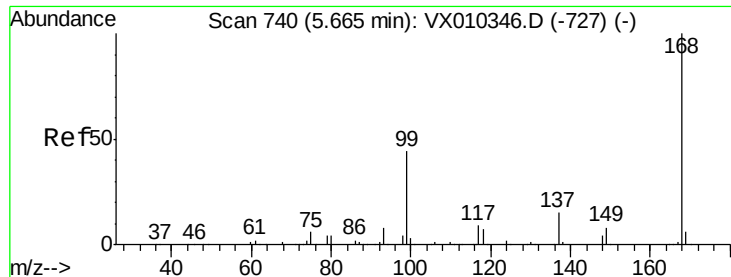
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070119\
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Quant Time: Jul 02 05:43:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010583.D

Acq: 01 Jul 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

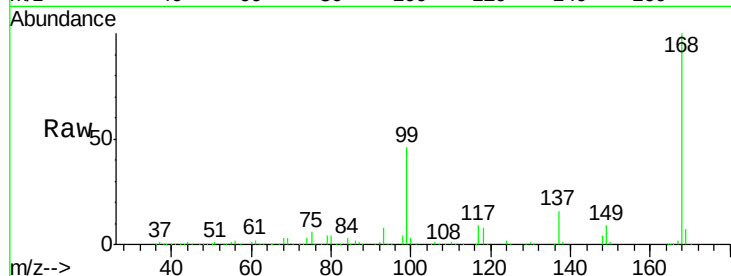
FL-0575

Tot Ion:168 Resp: 260124

Ion Ratio Lower Upper

168 100

99 46.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

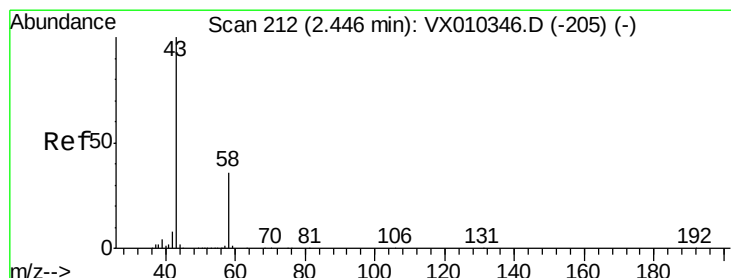
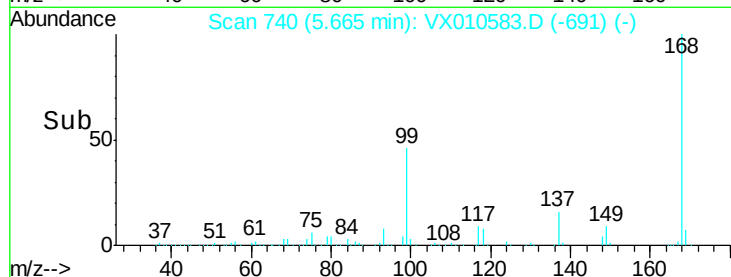
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.051 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010583.D

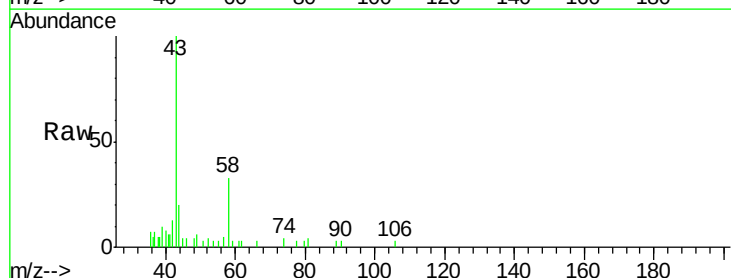
Acq: 01 Jul 2019 12:14

Tgt Ion: 43 Resp: 3729

Ion Ratio Lower Upper

43 100

58 32.8 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2000

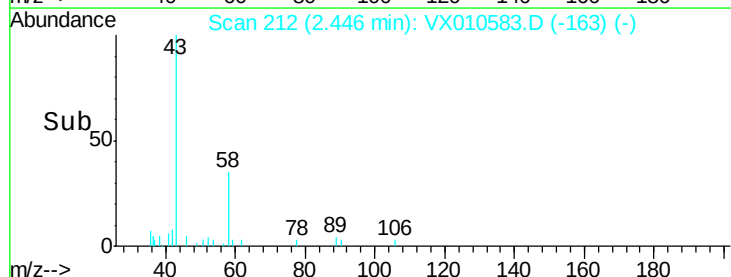
1500

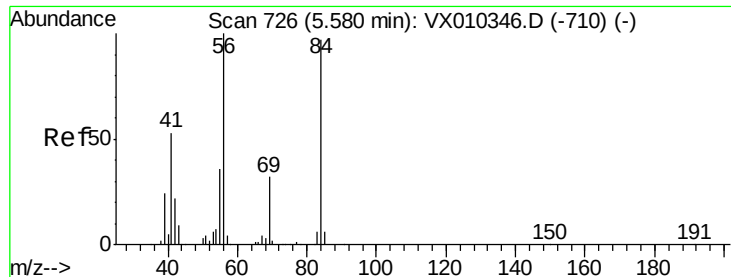
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55

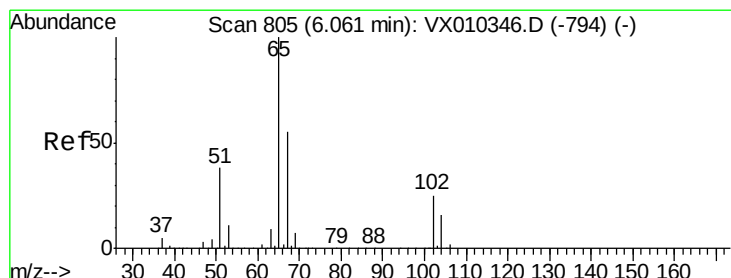
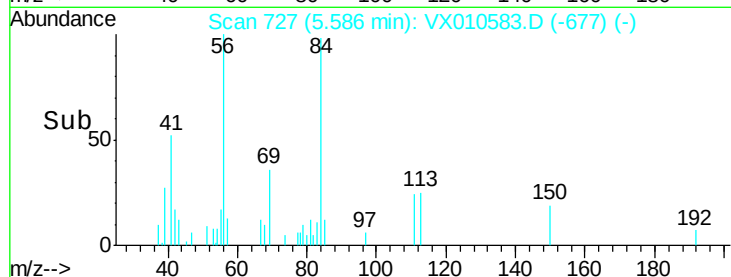
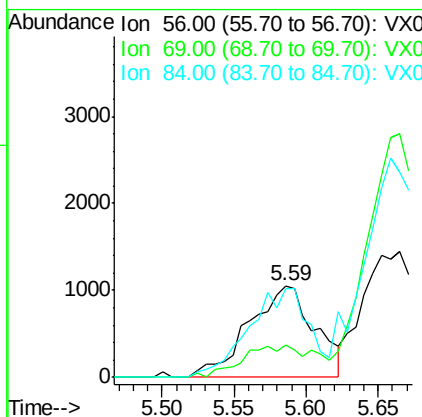
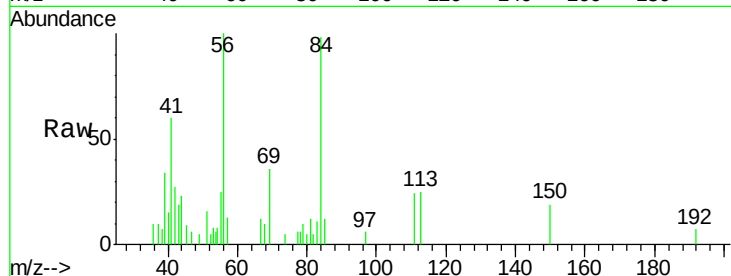




#31
Cyclohexane
Concen: 0.950 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010583.D
Acq: 01 Jul 2019 12:14

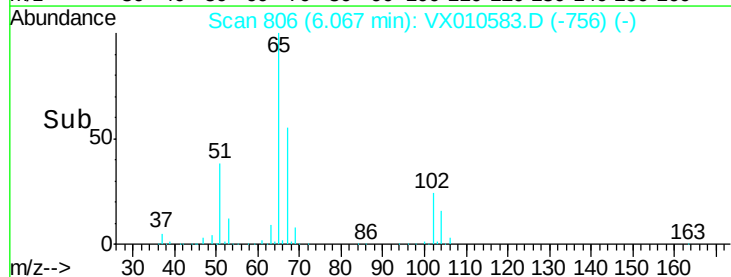
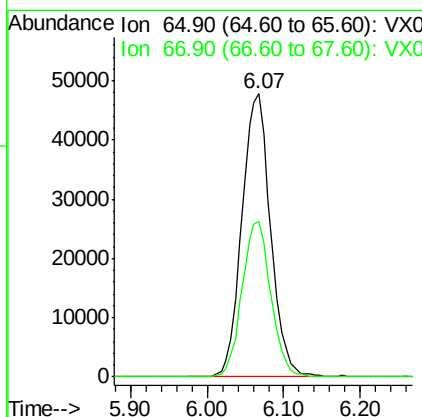
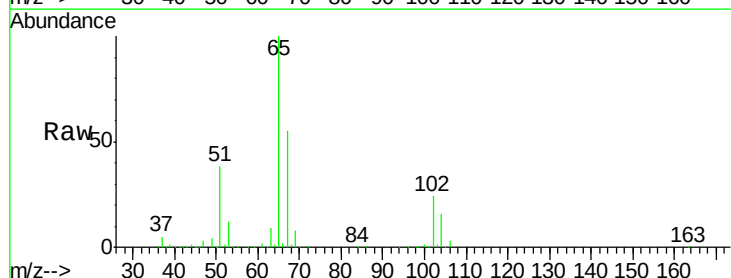
Instrument :
MSVOA_X
ClientSampleId :
FL-0575

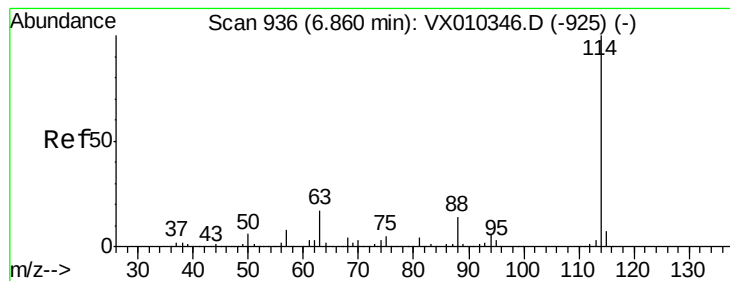
Tot Ion: 56 Resp: 3347
Ion Ratio Lower Upper
56 100
69 35.6 25.9 38.9
84 97.5 78.0 117.0



#33
1,2-Dichloroethane-d4
Concen: 50.954 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX010583.D
Acq: 01 Jul 2019 12:14

Tgt Ion: 65 Resp: 124272
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010583.D

Acq: 01 Jul 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0575

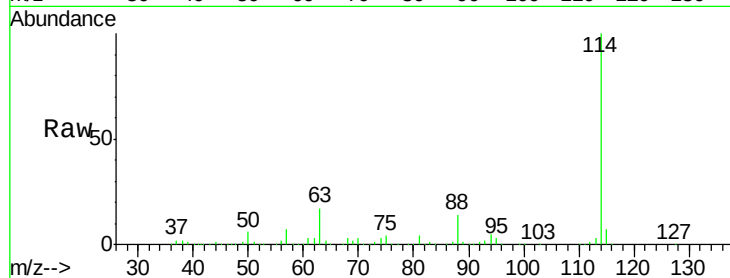
Tot Ion:114 Resp: 400682

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

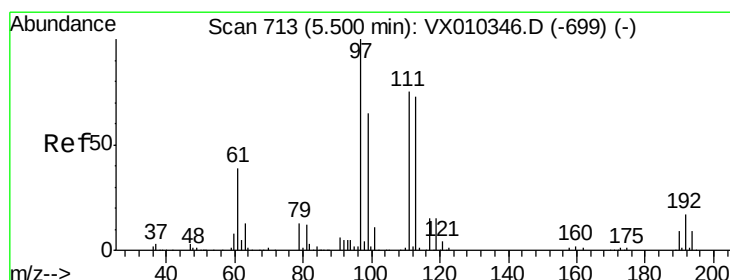
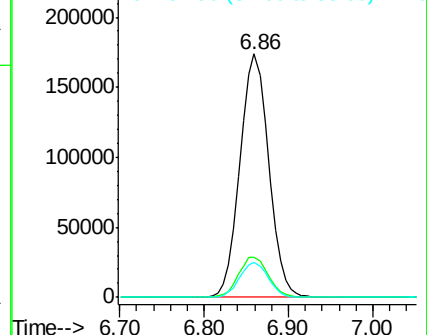
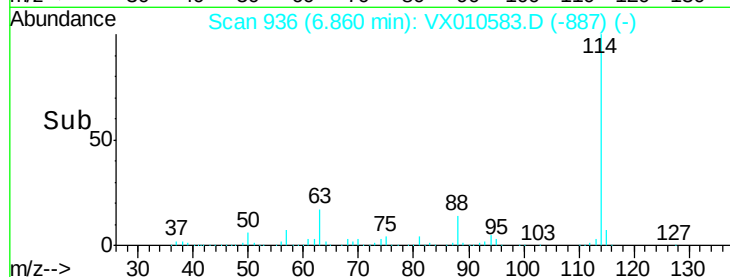
88 14.3 0.0 27.6



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: 49.413 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010583.D

Acq: 01 Jul 2019 12:14

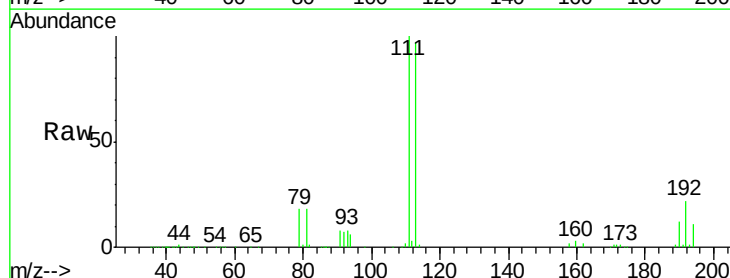
Tgt Ion:113 Resp: 121138

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

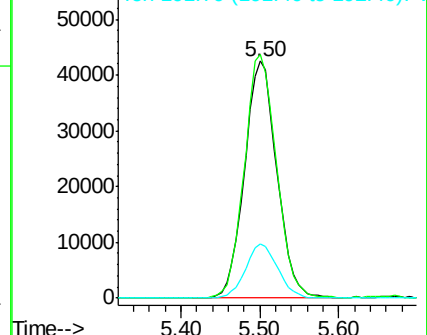
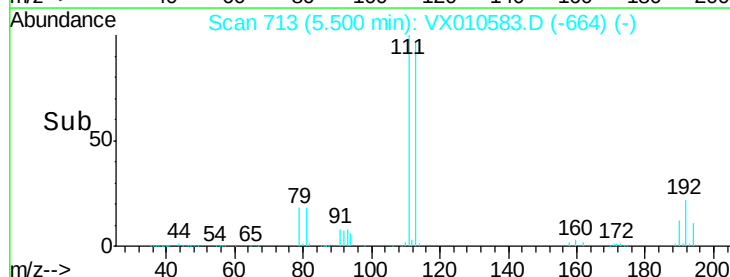
192 22.8 18.6 27.8

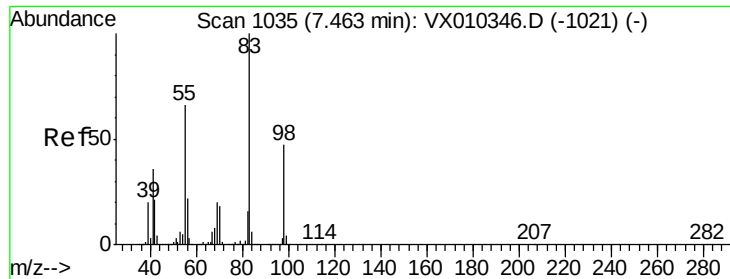


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

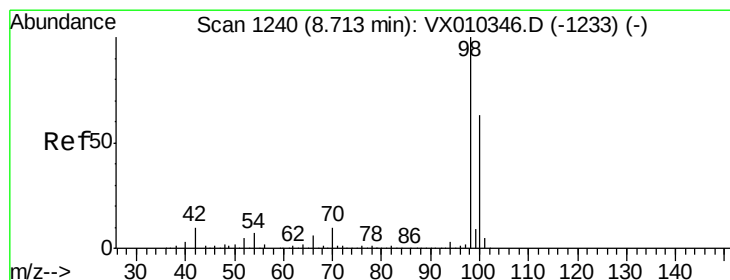
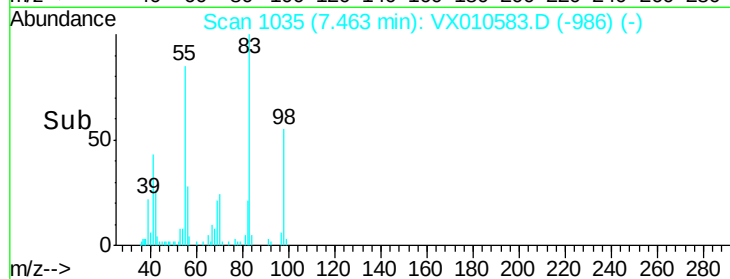
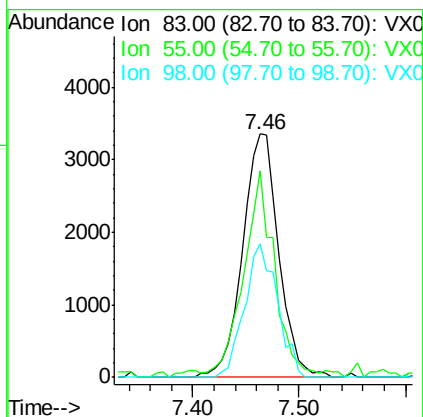
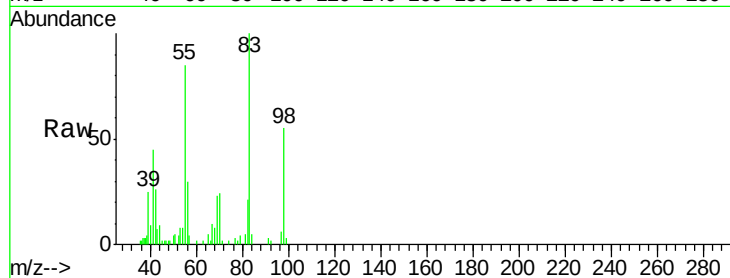




#39
Methylvlcyclohexane
Concen: 1.907 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010583.D
Acq: 01 Jul 2019 12:14

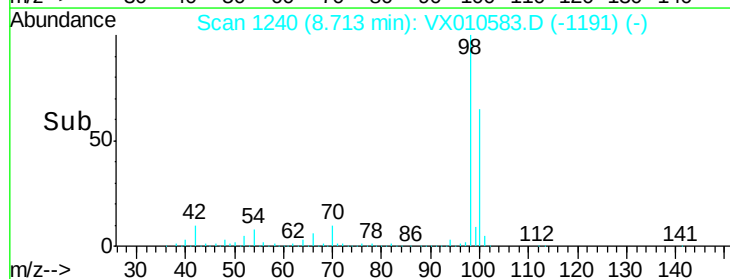
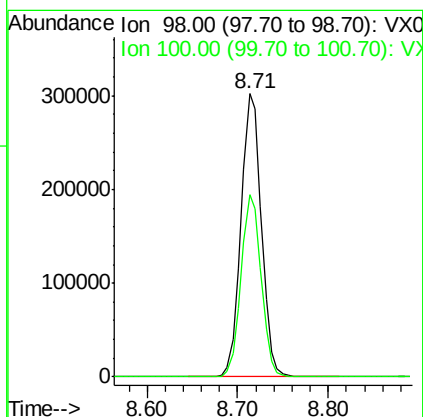
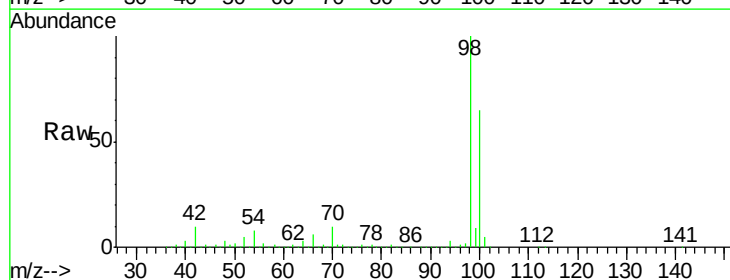
Instrument :
MSVOA_X
ClientSampleId :
FL-0575

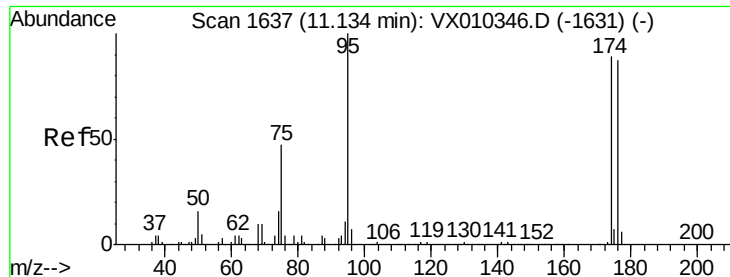
Tot Ion: 83 Resp: 7982
Ion Ratio Lower Upper
83 100
55 82.2 53.0 79.6#
98 54.9 37.8 56.8



#50
Toluene-d8
Concen: 50.059 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010583.D
Acq: 01 Jul 2019 12:14

Tgt Ion: 98 Resp: 469505
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

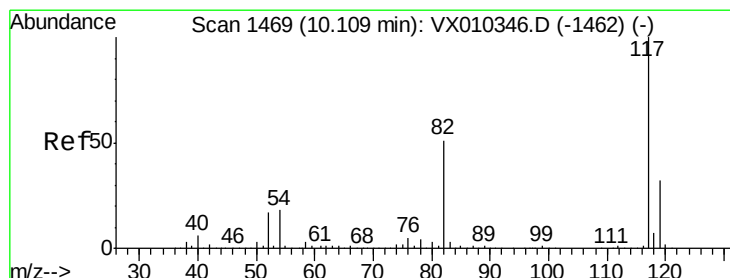
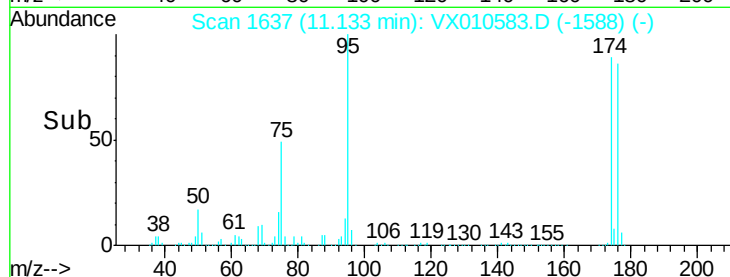
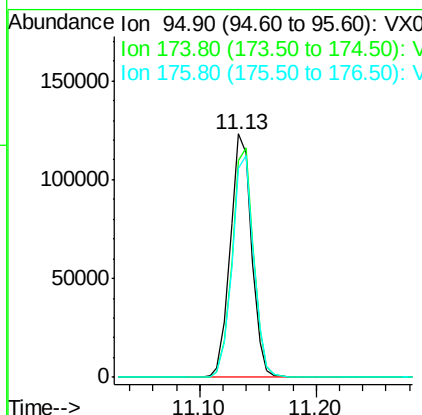
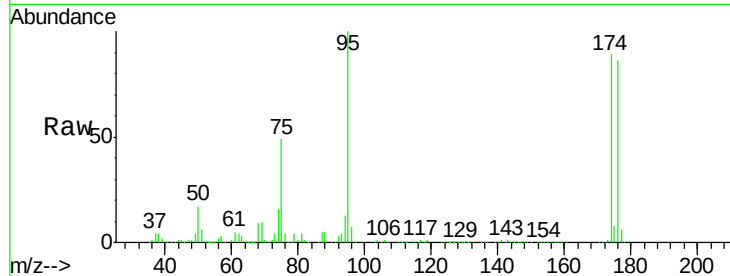




#62
4-Bromofluorobenzene
Concen: 46.524 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010583.D
Acq: 01 Jul 2019 12:14

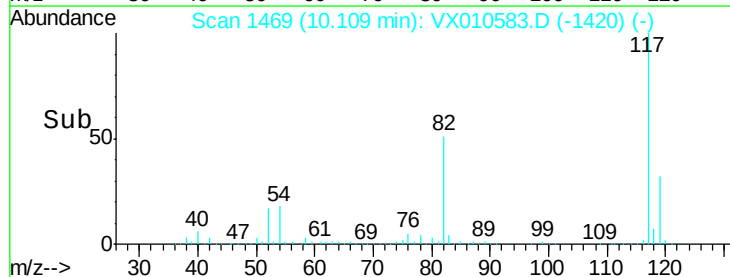
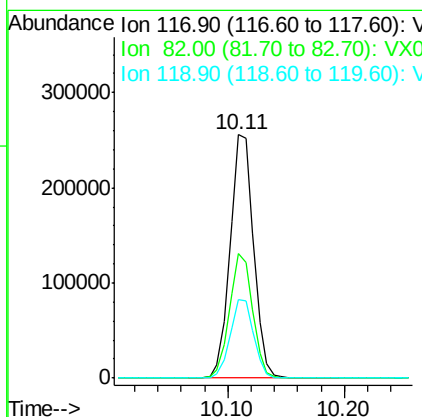
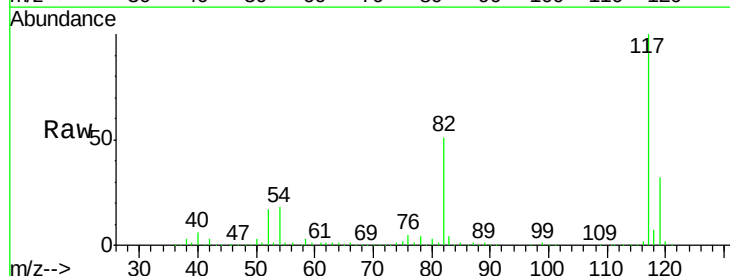
Instrument :
MSVOA_X
ClientSampleId :
FL-0575

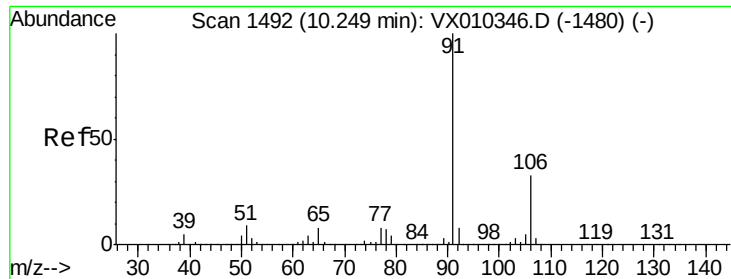
Tot Ion	95	Resp	157536
Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	187.6
176	91.6	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010583.D
Acq: 01 Jul 2019 12:14

Tgt Ion	117	Resp	359423
Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.2	61.8
119	32.5	25.5	38.3

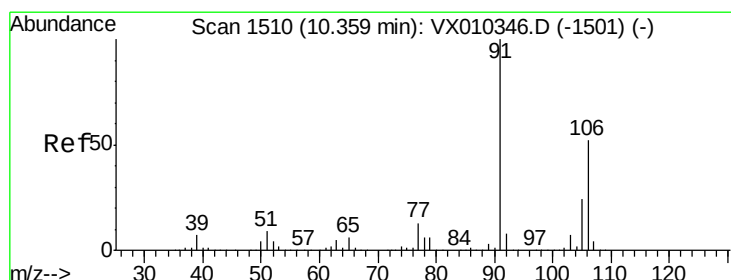
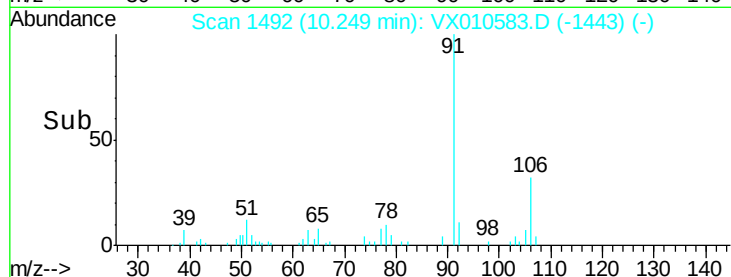
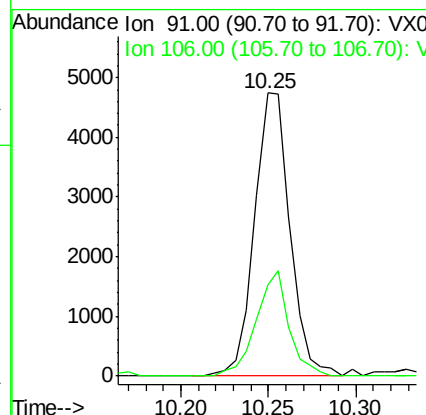
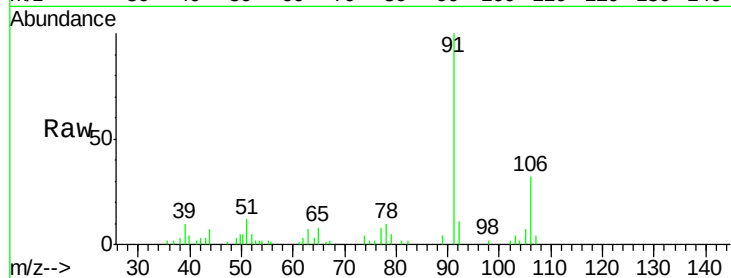




#67
Ethyl Benzene
Concen: 0.542 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010583.D
Acq: 01 Jul 2019 12:14

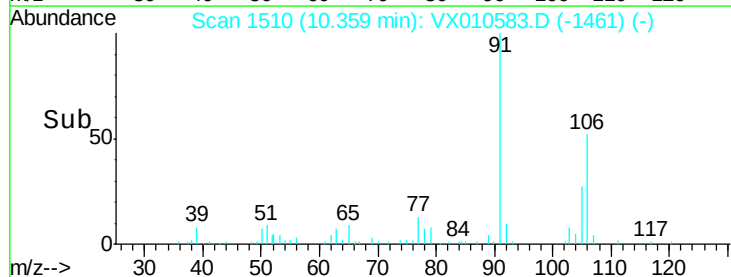
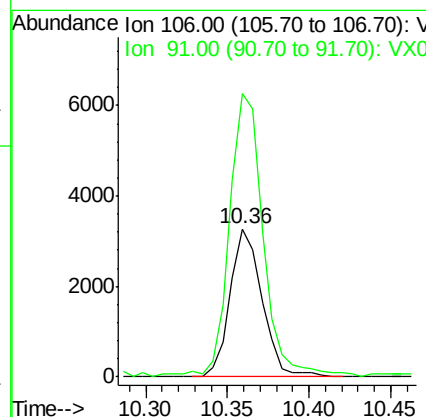
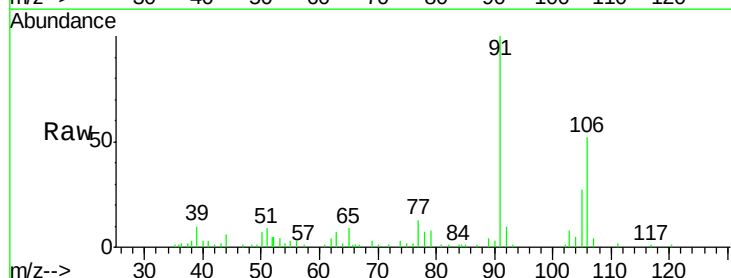
Instrument :
MSVOA_X
ClientSampled :
FL-0575

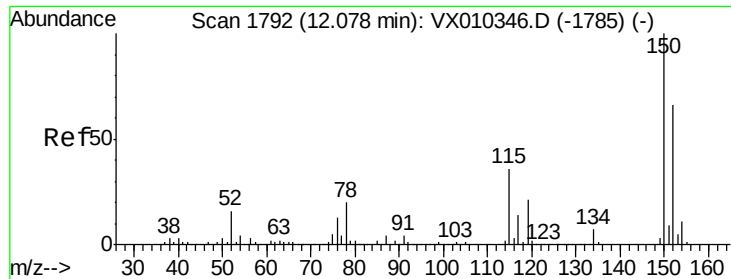
Tot Ion: 91 Resp: 6682
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2



#68
m/p-Xylenes
Concen: 0.938 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010583.D
Acq: 01 Jul 2019 12:14

Tgt Ion: 106 Resp: 4478
Ion Ratio Lower Upper
106 100
91 203.2 155.3 232.9



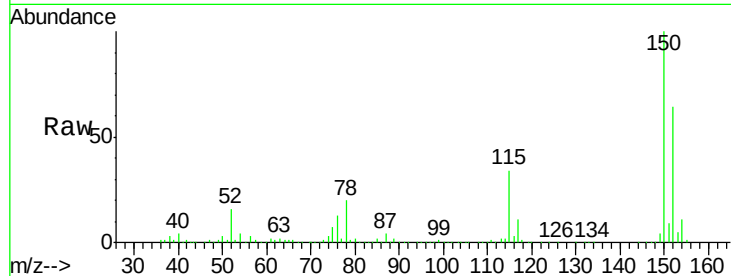


#72

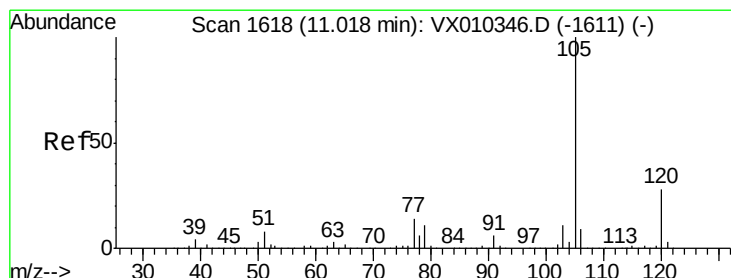
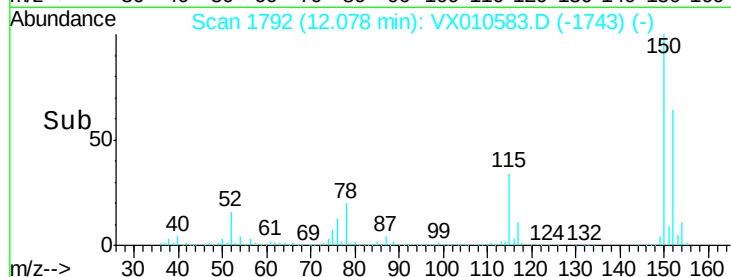
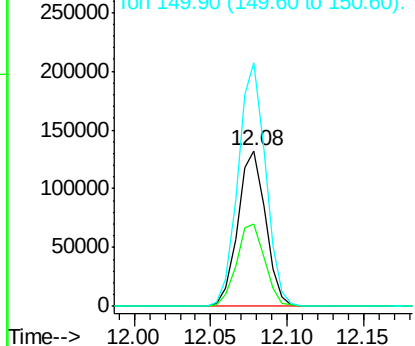
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010583.D
Acq: 01 Jul 2019 12:14

Instrument :
MSVOA_X
ClientSampled :
FL-0575

Tot Ion:152 Resp: 165696
Ion Ratio Lower Upper
152 100
115 53.9 38.6 115.7
150 156.2 0.0 347.4



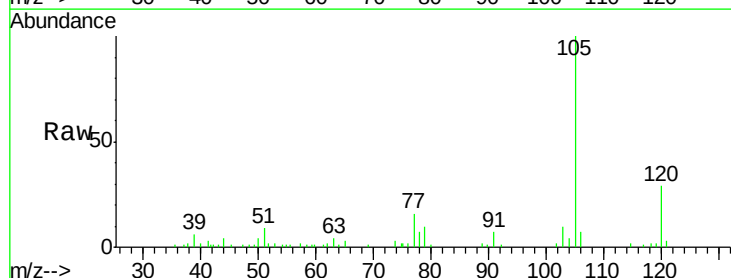
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



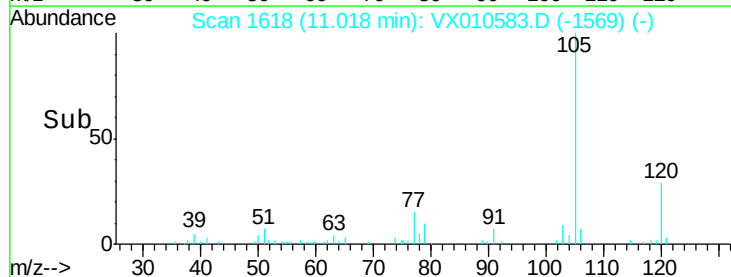
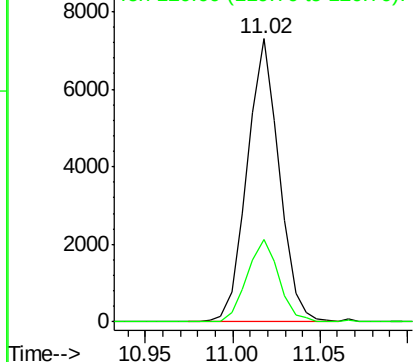
#73

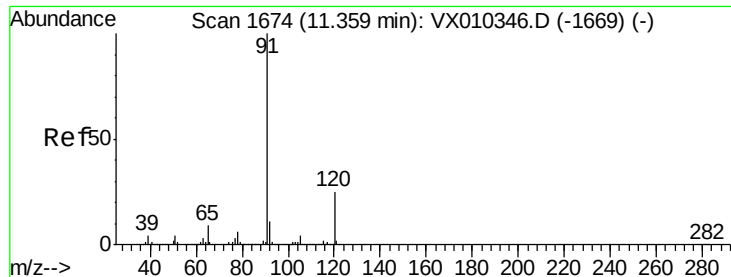
Isopropylbenzene
Concen: 0.825 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010583.D
Acq: 01 Jul 2019 12:14

Tgt Ion:105 Resp: 9264
Ion Ratio Lower Upper
105 100
120 28.7 14.1 42.4



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





#78

n-propylbenzene

Concen: 0.592 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010583.D

Acq: 01 Jul 2019 12:14

Instrument :

MSVOA_X

ClientSampled :

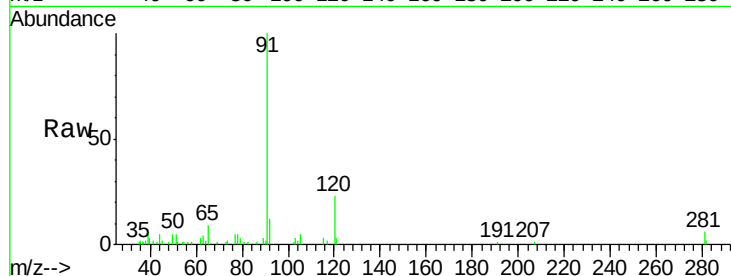
FL-0575

Tot Ion: 91 Resp: 7305

Ion Ratio Lower Upper

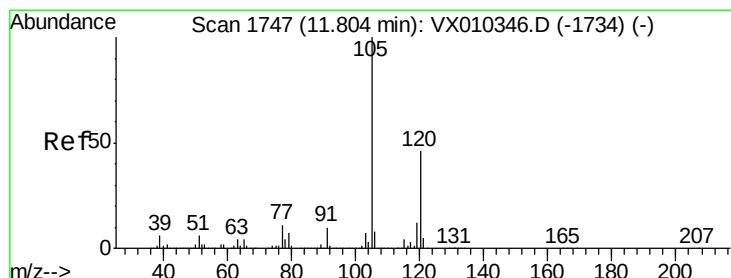
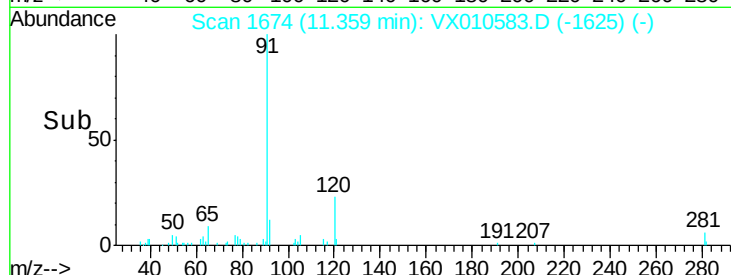
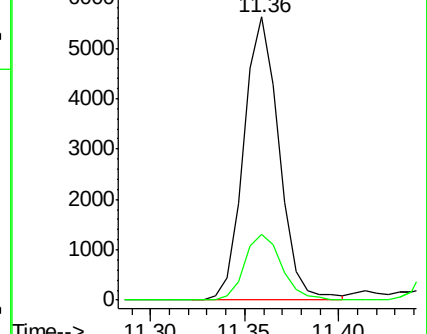
91 100

120 24.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.952 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010583.D

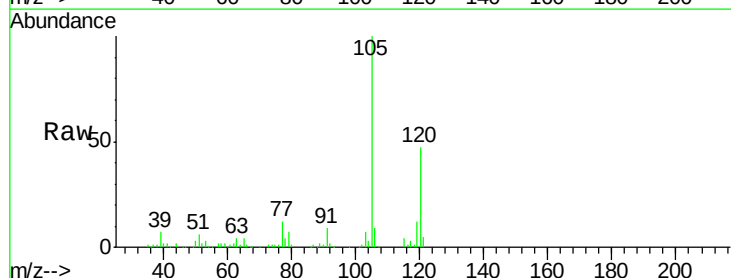
Acq: 01 Jul 2019 12:14

Tgt Ion:105 Resp: 27464

Ion Ratio Lower Upper

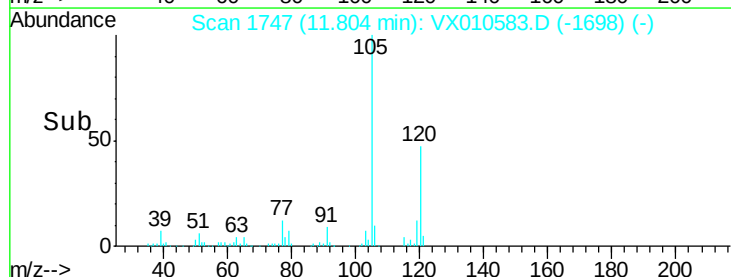
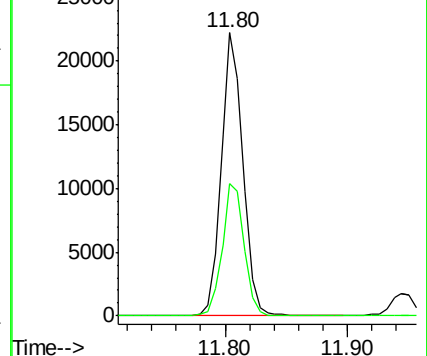
105 100

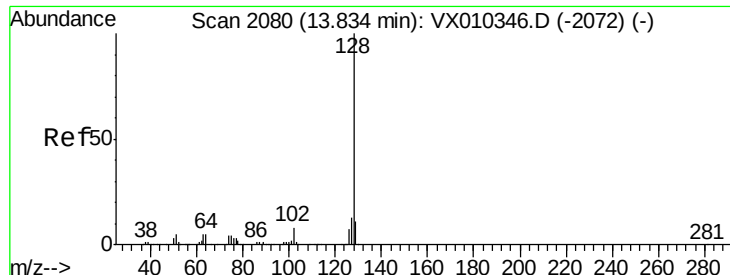
120 47.0 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.824 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010583.D

Acq: 01 Jul 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0575

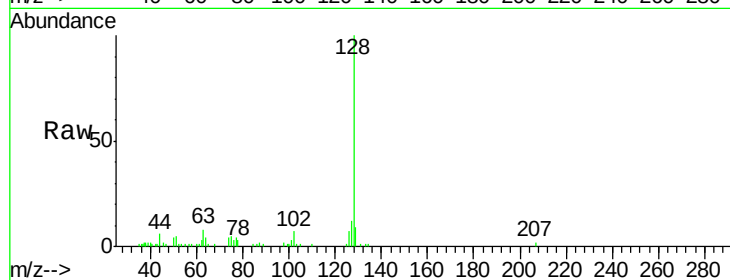
Tot Ion:128 Resp: 9557

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 10.3 8.9 13.3



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

