

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010535.D
 Acq On : 28 Jun 2019 14:38
 Operator : JC/SP
 Sample : K3565-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0575

Quant Time: Jun 29 05:35:21 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	249872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	120417	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	5.50	113	116300	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	8.71	98	450563	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	148738	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds

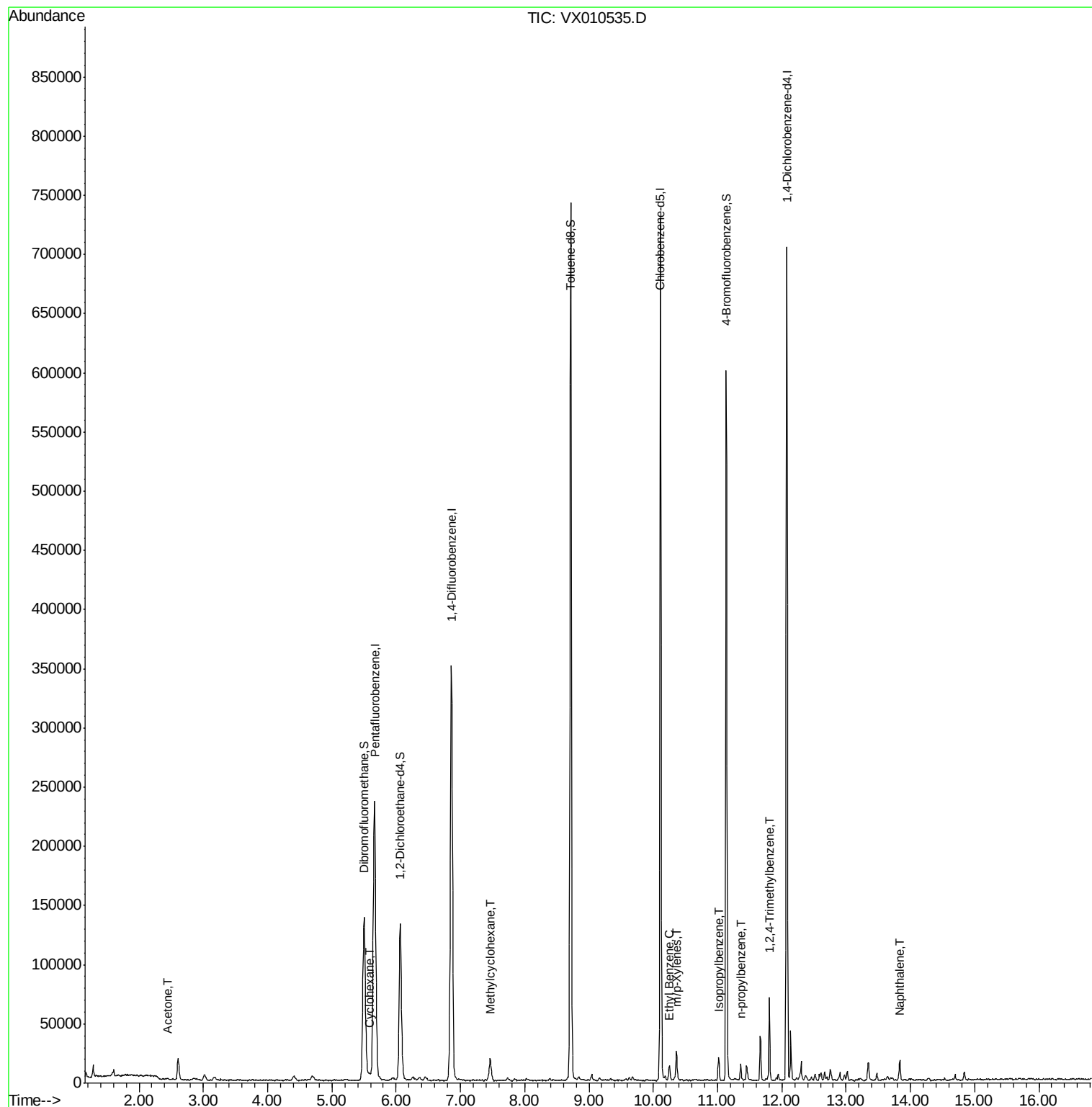
					Qvalue
16) Acetone	2.45	43	1219	1.038	ug/l 90
31) Cyclohexane	5.58	56	3561	1.052	ug/l 84
39) Methylcyclohexane	7.46	83	8376	2.070	ug/l 96
67) Ethyl Benzene	10.25	91	7716	0.653	ug/l 99
68) m/p-Xylenes	10.36	106	5531	1.208	ug/l 98
73) Isopropylbenzene	11.02	105	9828	0.921	ug/l 99
78) n-propylbenzene	11.36	91	7785	0.664	ug/l 98
84) 1,2,4-Trimethylbenzene	11.80	105	30988	3.506	ug/l 99
95) Naphthalene	13.83	128	10203	0.926	ug/l 98

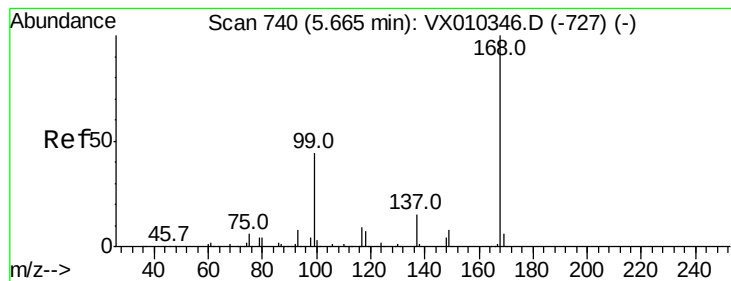
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062819\
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Quant Time: Jun 29 05:35:21 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# 739

Delta R.T. -0.01 min

Lab File: VX010535.D

Acq: 28 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

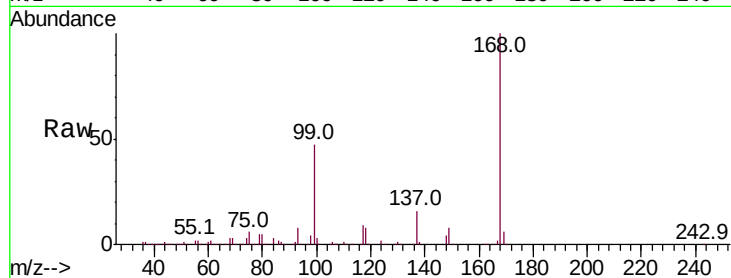
FL-0575

Tot Ion:168 Resp: 249872

Ion Ratio Lower Upper

168 100

99 46.6 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

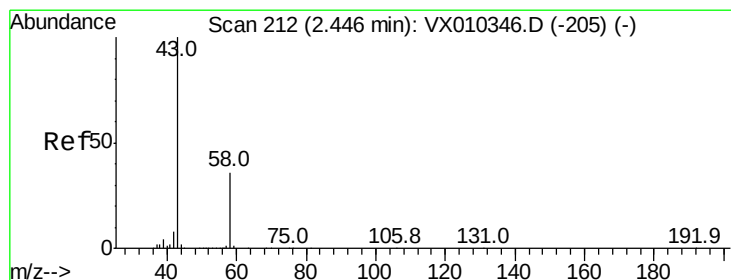
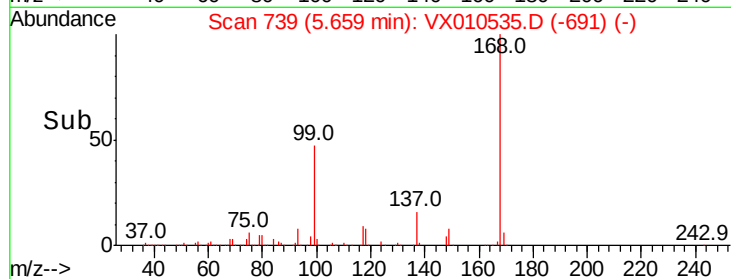
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.038 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010535.D

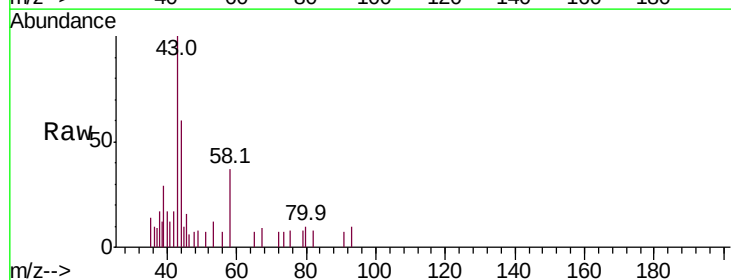
Acq: 28 Jun 2019 14:38

Tgt Ion: 43 Resp: 1219

Ion Ratio Lower Upper

43 100

58 42.0 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

800

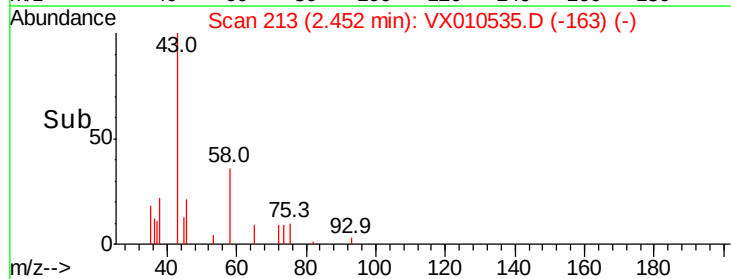
600

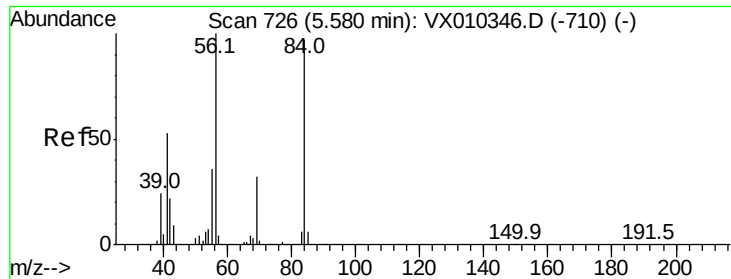
400

200

0

Time--> 2.40 2.45 2.50

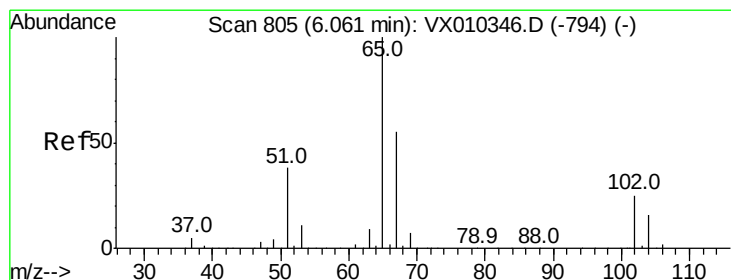
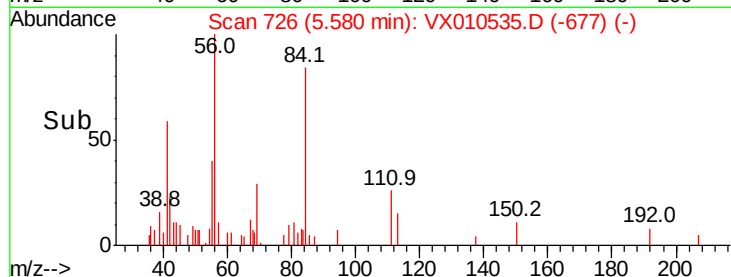
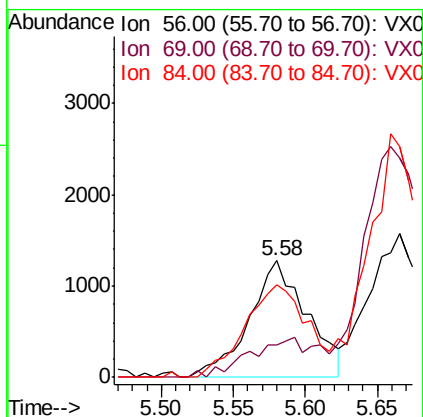
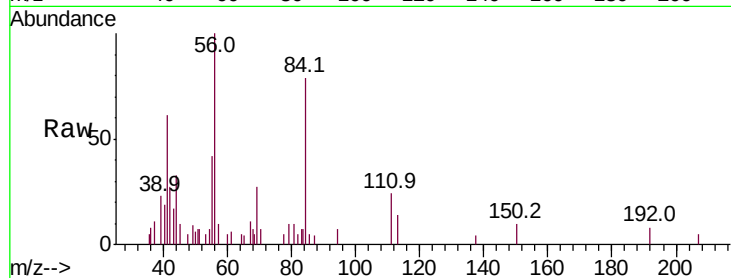




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010535.D
Acq: 28 Jun 2019 14:38

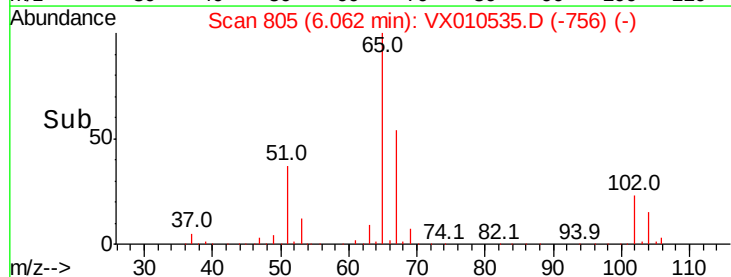
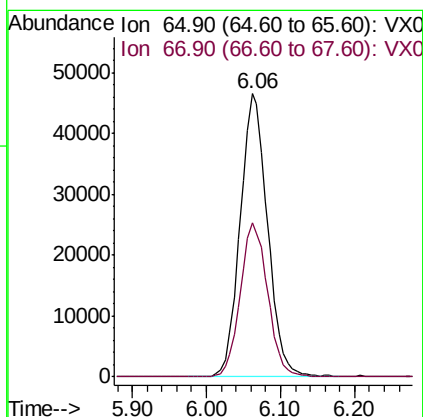
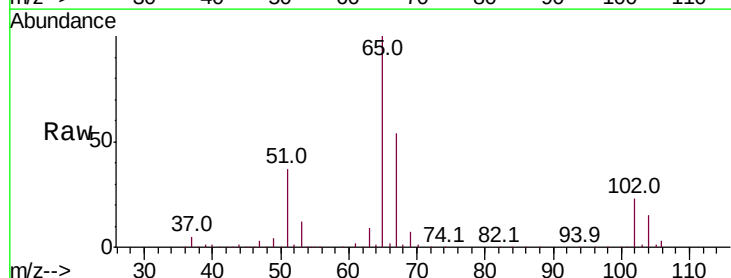
Instrument :
MSVOA_X
ClientSampled :
FL-0575

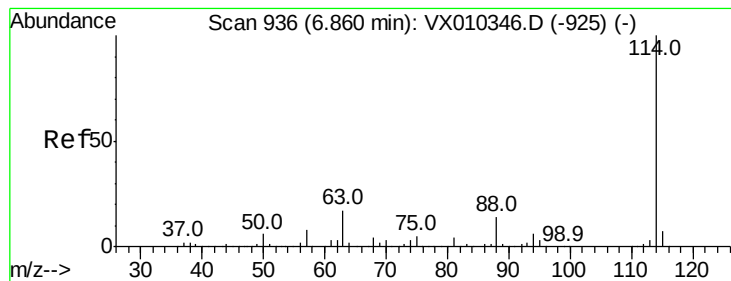
Tot Ion: 56 Resp: 3561
Ion Ratio Lower Upper
56 100
69 27.3 25.9 38.9
84 79.1 78.0 117.0



#33
1,2-Dichloroethane-d4
Concen: 51.399 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010535.D
Acq: 28 Jun 2019 14:38

Tgt Ion: 65 Resp: 120417
Ion Ratio Lower Upper
65 100
67 54.4 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: VX010535.D

Acq: 28 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0575

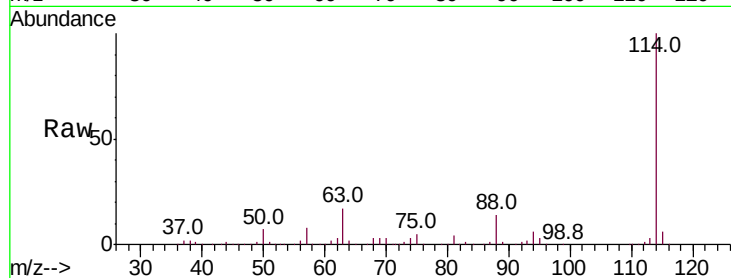
Tot Ion:114 Resp: 387470

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

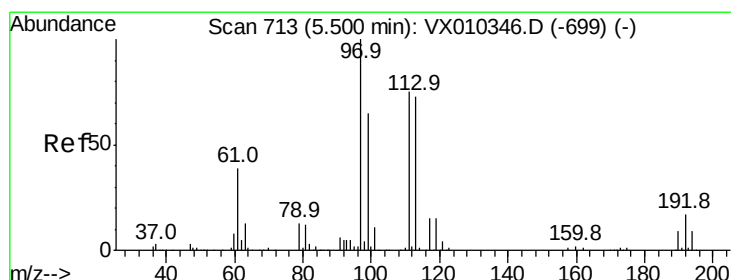
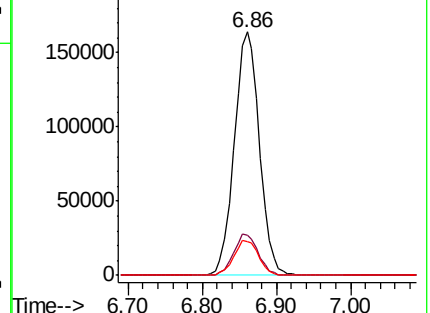
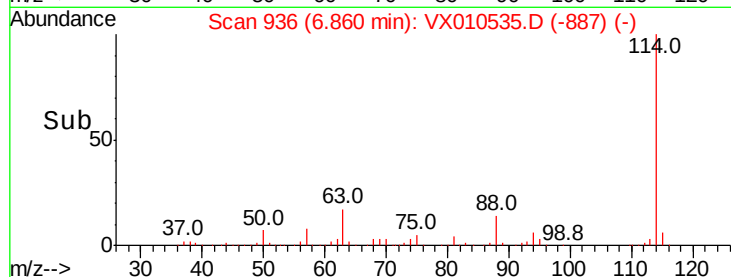
88 14.1 0.0 27.6



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: 49.058 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010535.D

Acq: 28 Jun 2019 14:38

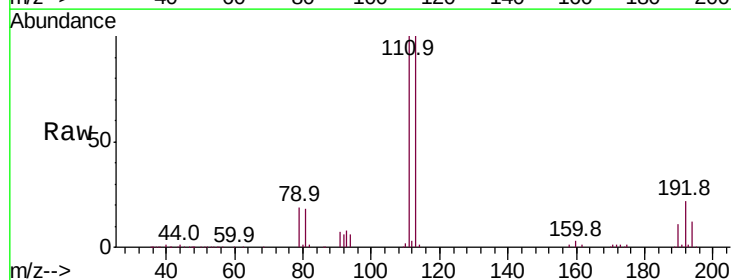
Tgt Ion:113 Resp: 116300

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

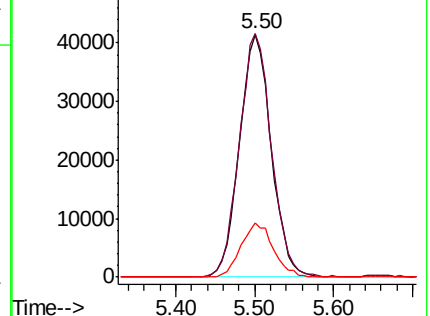
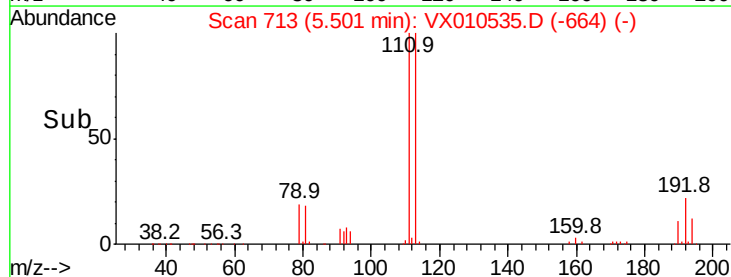
192 22.6 18.6 27.8

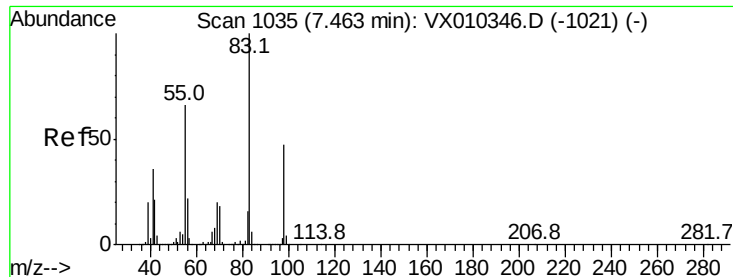


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

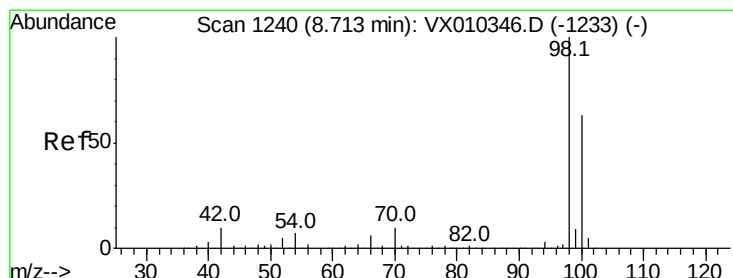
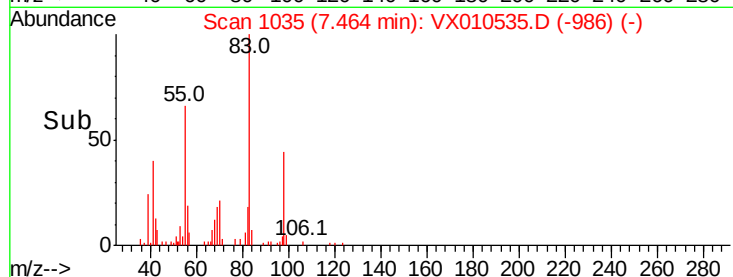
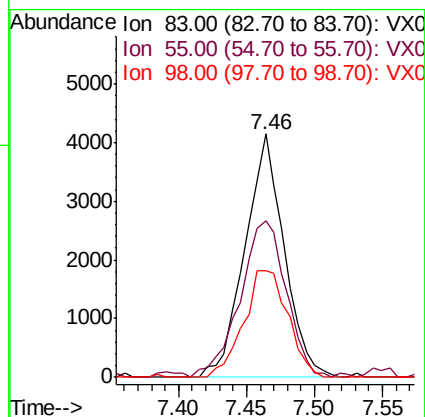
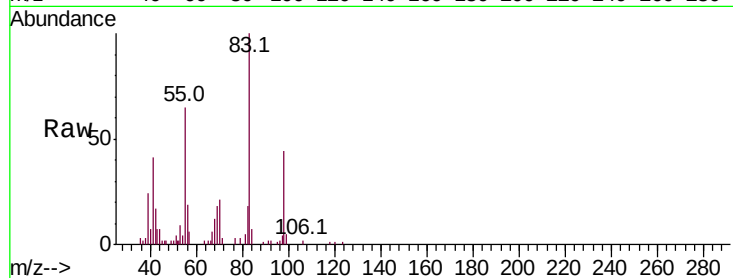




#39
Methylvlcyclohexane
Concen: 2.070 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010535.D
Acq: 28 Jun 2019 14:38

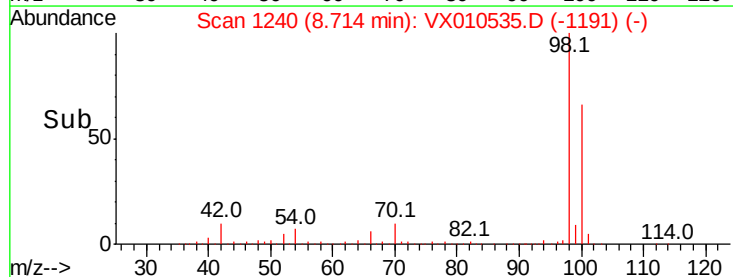
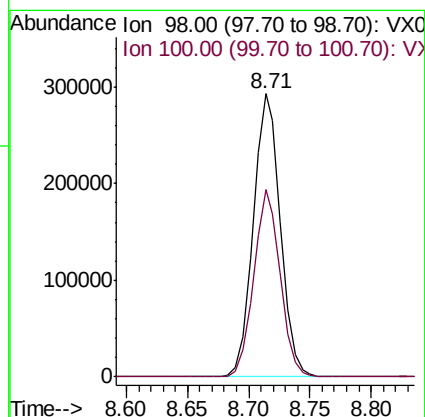
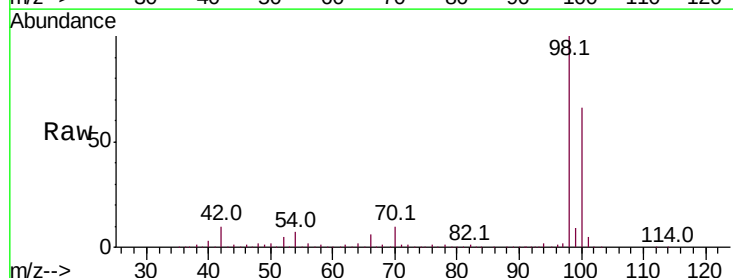
Instrument :
MSVOA_X
ClientSampled :
FL-0575

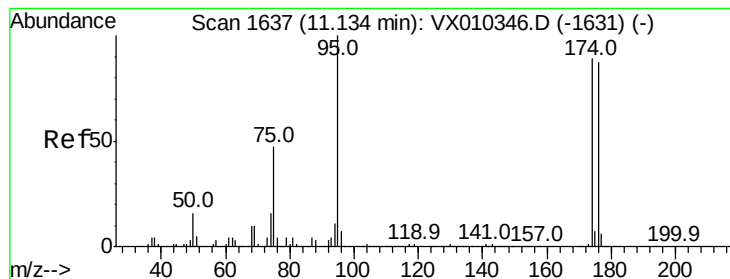
Tot Ion: 83 Resp: 8376
Ion Ratio Lower Upper
83 100
55 64.5 53.0 79.6
98 43.6 37.8 56.8



#50
Toluene-d8
Concen: 49.677 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010535.D
Acq: 28 Jun 2019 14:38

Tgt Ion: 98 Resp: 450563
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 45.424 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010535.D

Acq: 28 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0575

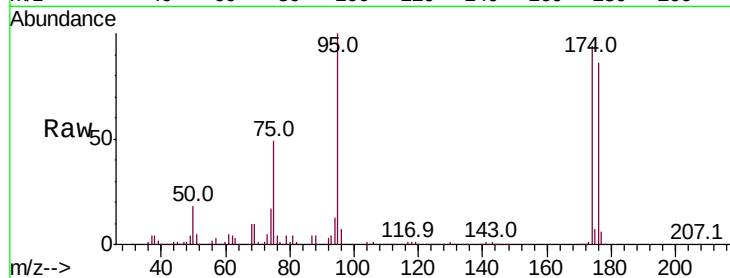
Tot Ion: 95 Resp: 148738

Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.6

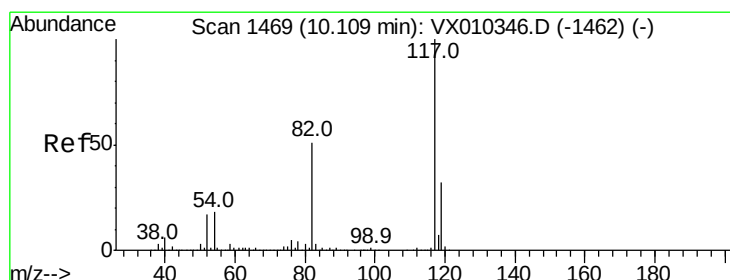
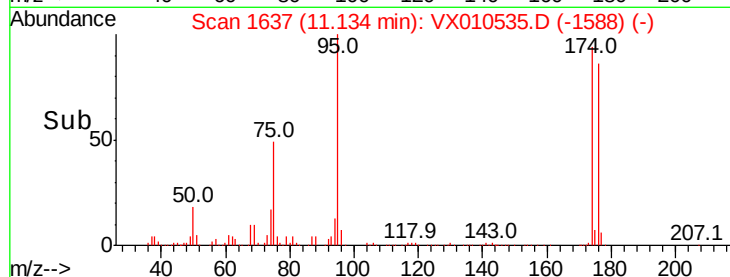
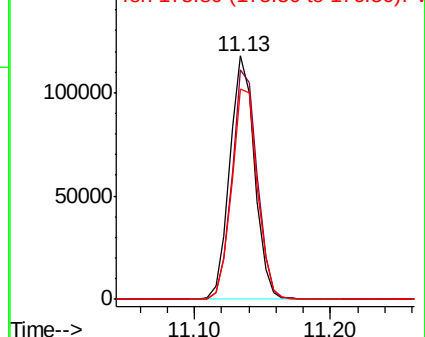
176 90.0 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010535.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010535.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010535.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010535.D

Acq: 28 Jun 2019 14:38

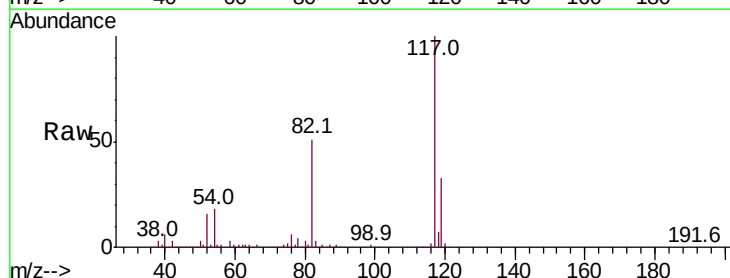
Tgt Ion: 117 Resp: 344694

Ion Ratio Lower Upper

117 100

82 51.0 41.2 61.8

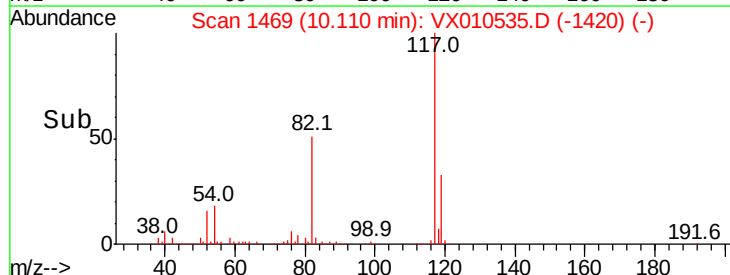
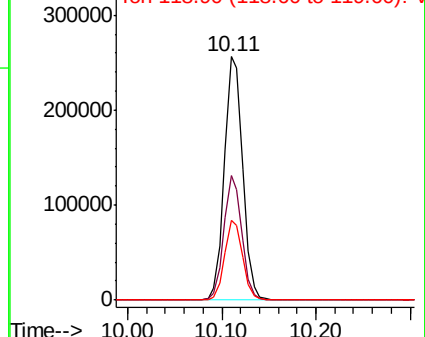
119 32.6 25.5 38.3

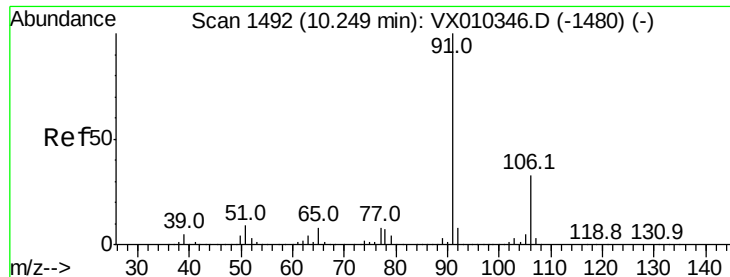


Abundance Ion 116.90 (116.60 to 117.60): VX010535.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010535.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010535.D (-1420) (-)

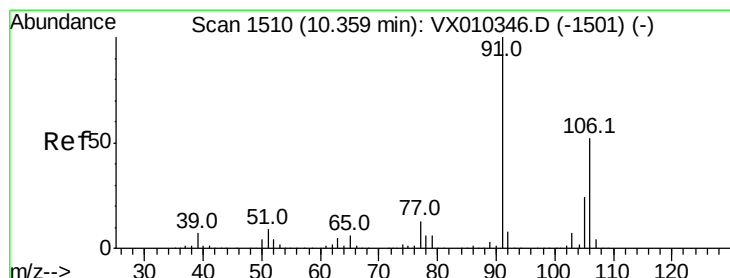
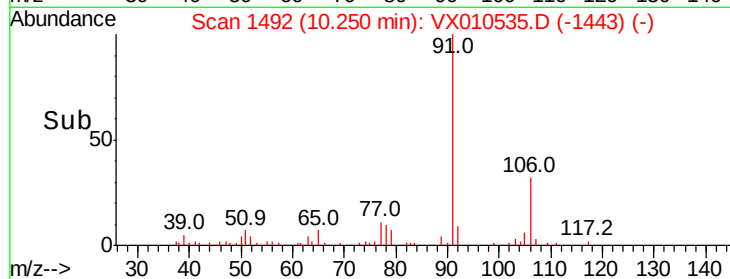
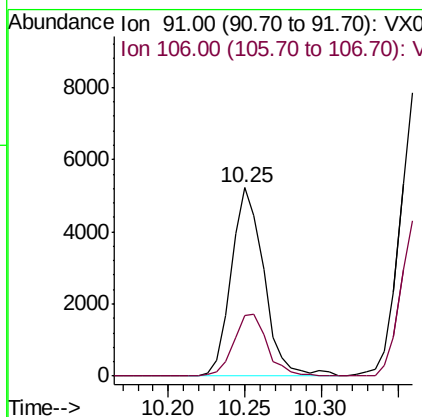
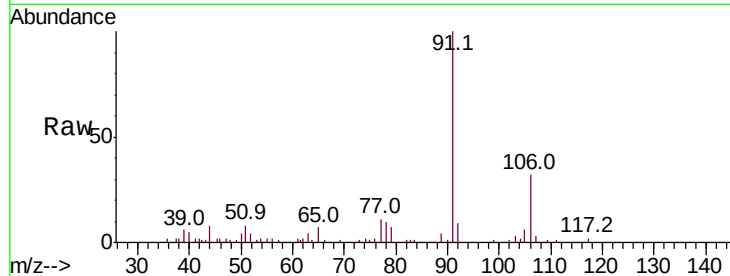




#67
Ethyl Benzene
Concen: 0.653 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010535.D
Acq: 28 Jun 2019 14:38

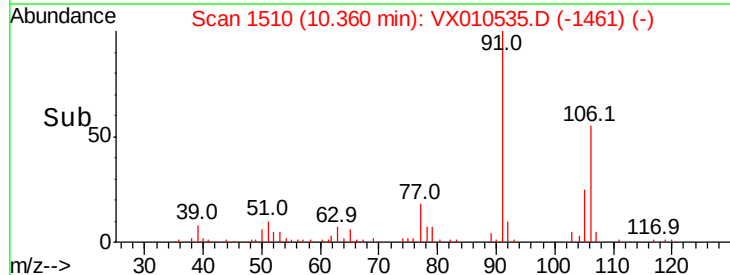
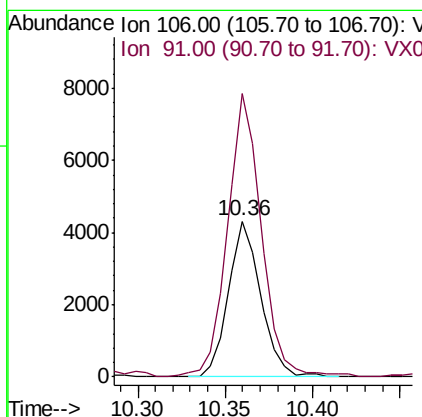
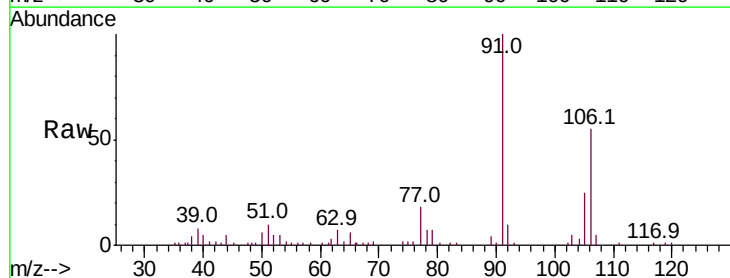
Instrument :
MSVOA_X
ClientSampled :
FL-0575

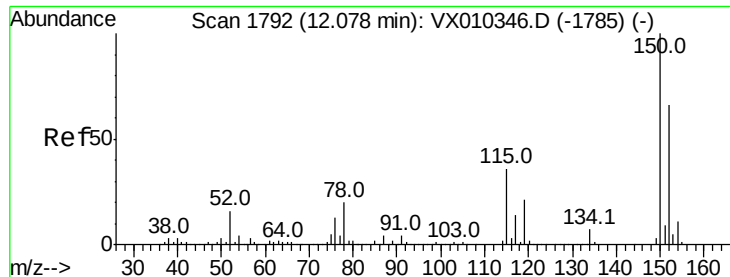
Tot Ion: 91 Resp: 7716
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.2



#68
m/p-Xylenes
Concen: 1.208 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010535.D
Acq: 28 Jun 2019 14:38

Tgt Ion: 106 Resp: 5531
Ion Ratio Lower Upper
106 100
91 191.4 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010535.D

Acq: 28 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampled :

FL-0575

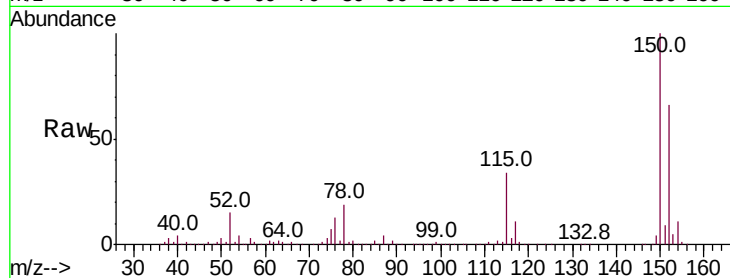
Tot Ion:152 Resp: 157420

Ion Ratio Lower Upper

152 100

115 54.7 38.6 115.7

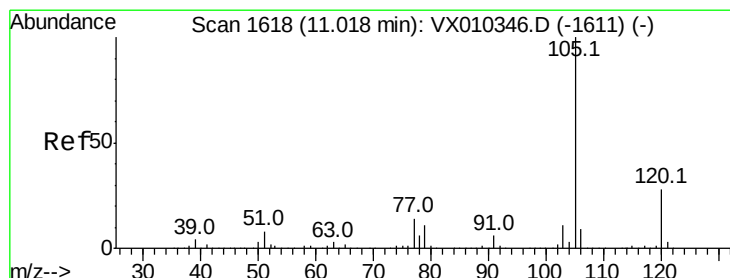
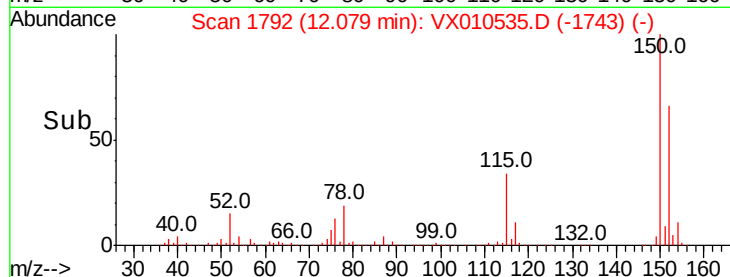
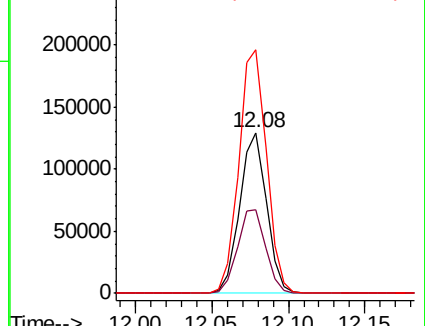
150 156.2 0.0 347.4



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: 0.921 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010535.D

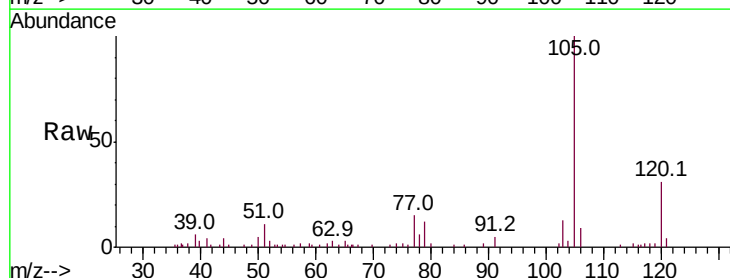
Acq: 28 Jun 2019 14:38

Tgt Ion:105 Resp: 9828

Ion Ratio Lower Upper

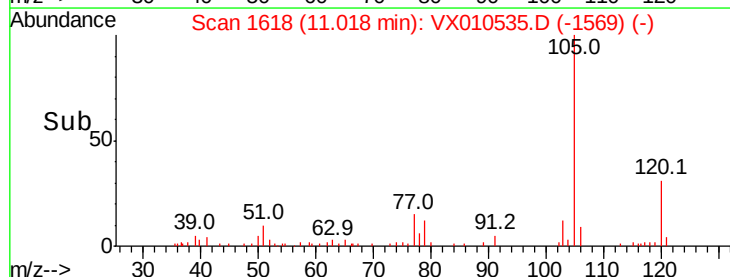
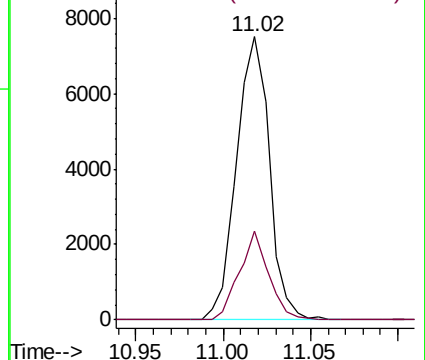
105 100

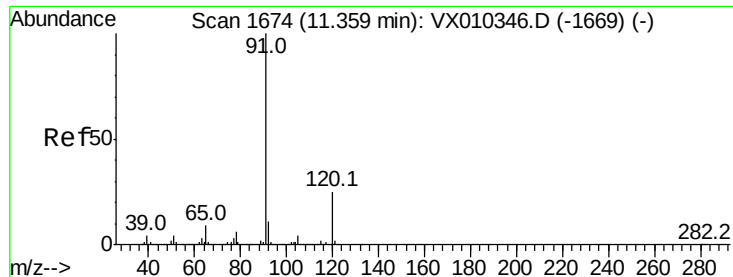
120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.664 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010535.D

Acq: 28 Jun 2019 14:38

Instrument :

MSVOA_X

ClientSampled :

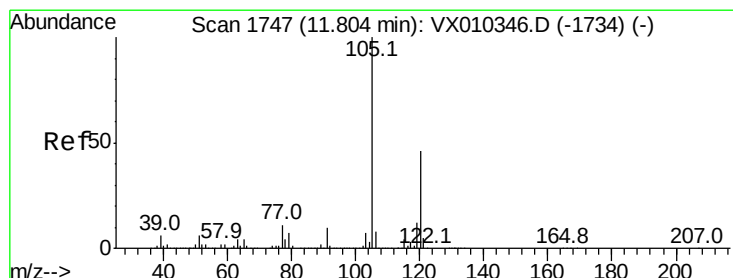
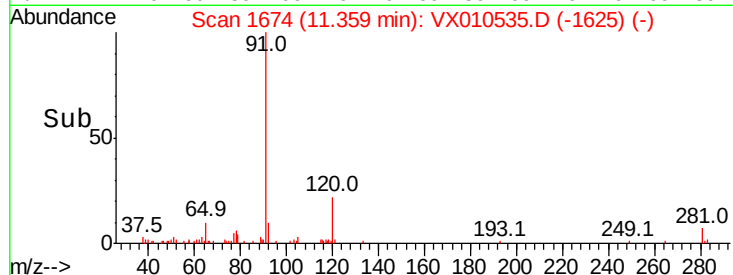
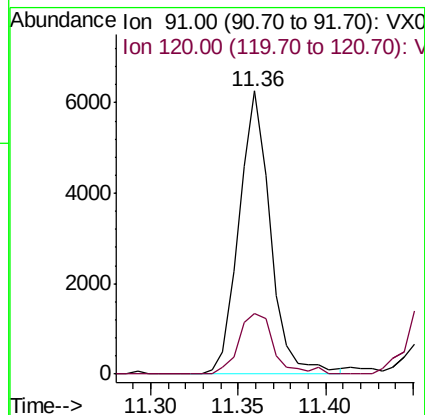
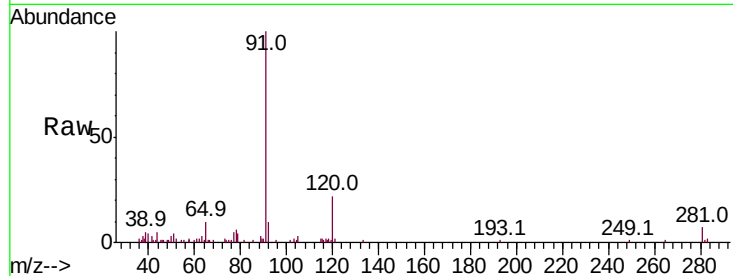
FL-0575

Tot Ion: 91 Resp: 7785

Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 3.506 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010535.D

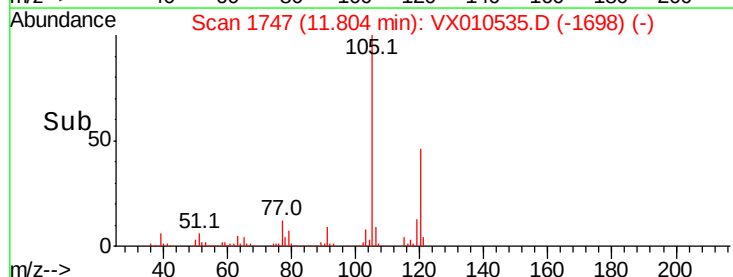
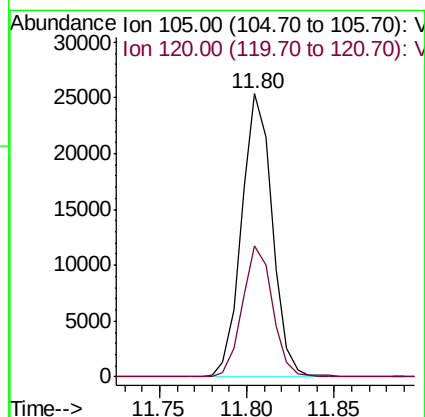
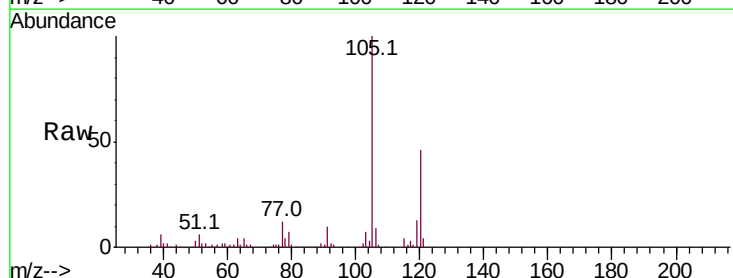
Acq: 28 Jun 2019 14:38

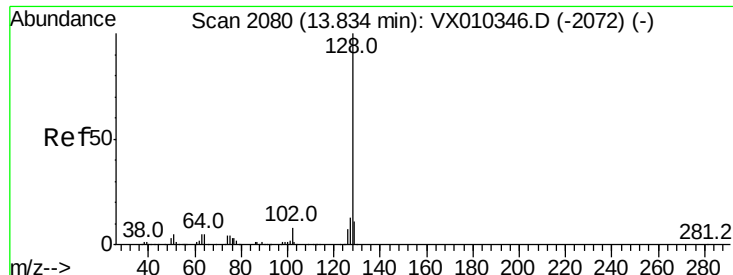
Tgt Ion: 105 Resp: 30988

Ion Ratio Lower Upper

105 100

120 45.6 23.1 69.2





#95
Naphthalene
Concen: 0.926 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010535.D
Acq: 28 Jun 2019 14:38

Instrument :
MSVOA_X
ClientSampleId :
FL-0575

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	11.9	8.9	13.3

