

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010534.D
 Acq On : 28 Jun 2019 14:14
 Operator : JC/SP
 Sample : K3565-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0572

Quant Time: Jun 29 05:33:29 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	5.67	168	245643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	342269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157317	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118879	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
35) Dibromofluoromethane	5.50	113	116122	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	8.71	98	453308	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	150549	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	

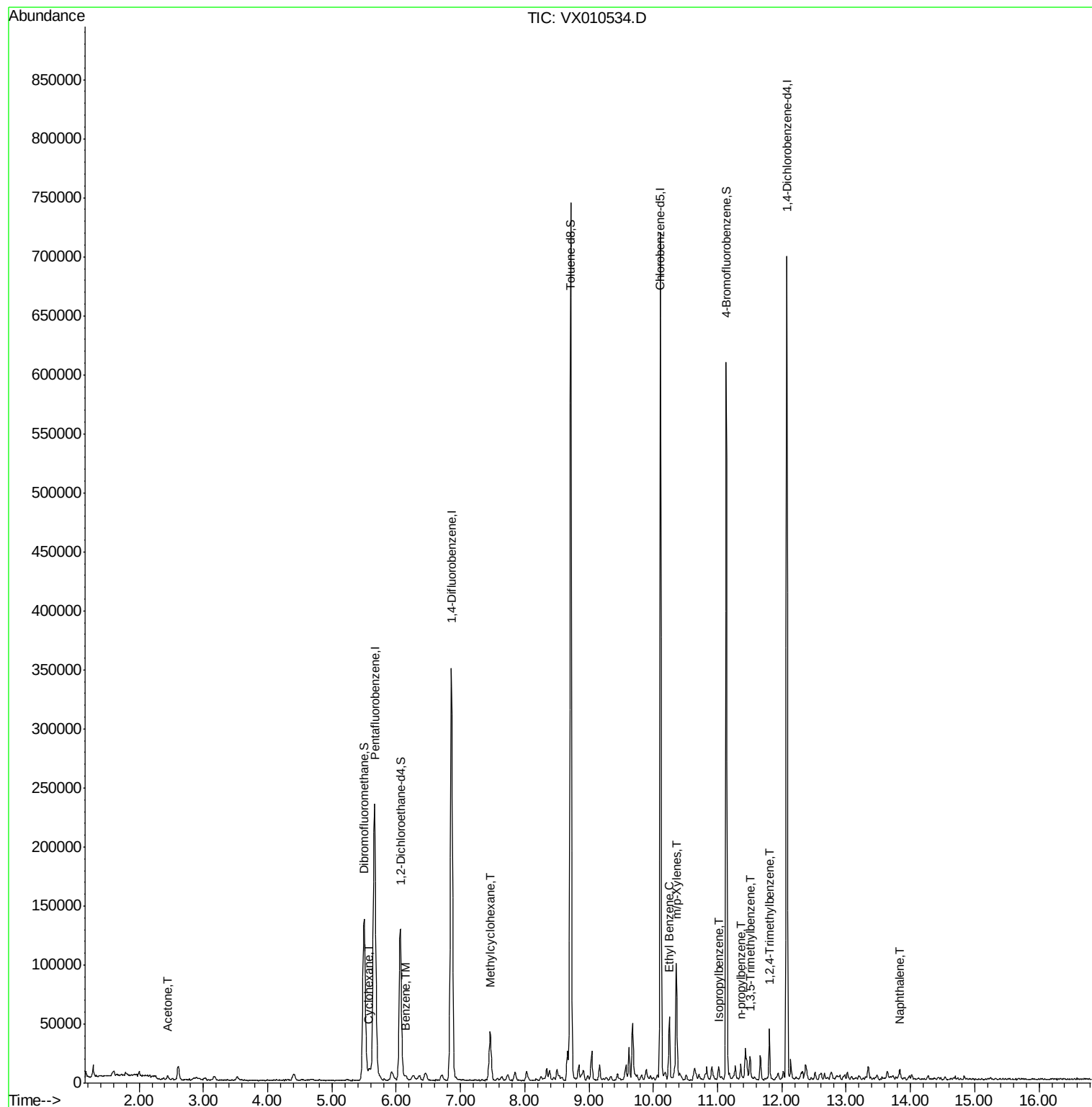
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	3363	2.914	ug/l	93
31) Cyclohexane	5.58	56	5804	1.745	ug/l	97
39) Methylcyclohexane	7.46	83	19307	4.852	ug/l	98
40) Benzene	6.15	78	3420	0.363	ug/l #	82
67) Ethyl Benzene	10.25	91	28046	2.391	ug/l	97
68) m/p-Xylenes	10.36	106	22647	4.982	ug/l	98
73) Isopropylbenzene	11.02	105	5524	0.518	ug/l	98
78) n-propylbenzene	11.36	91	6606	0.564	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	7869	0.895	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	16688	1.889	ug/l	96
95) Naphthalene	13.83	128	4756	0.432	ug/l #	88

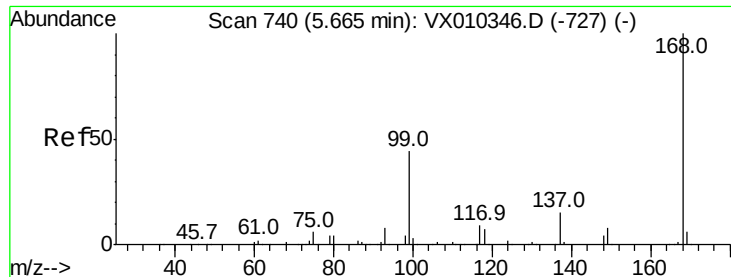
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 29 05:33:29 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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

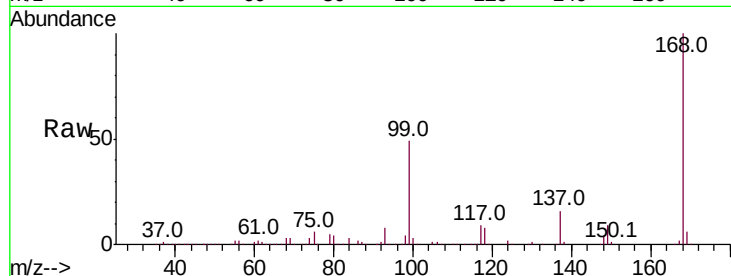
FL-0572

Tot Ion:168 Resp: 245643

Ion Ratio Lower Upper

168 100

99 48.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

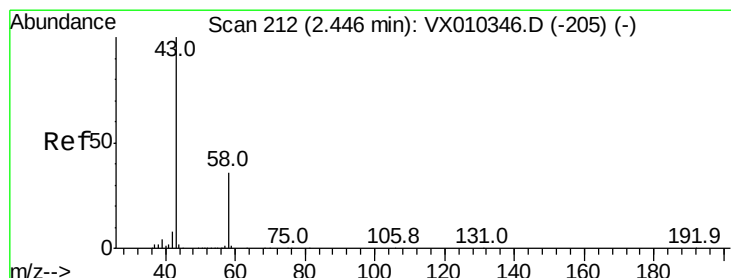
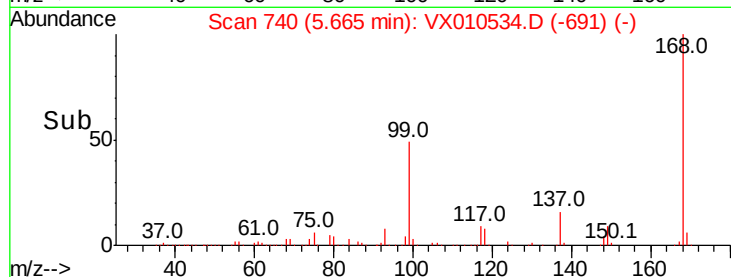
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.914 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010534.D

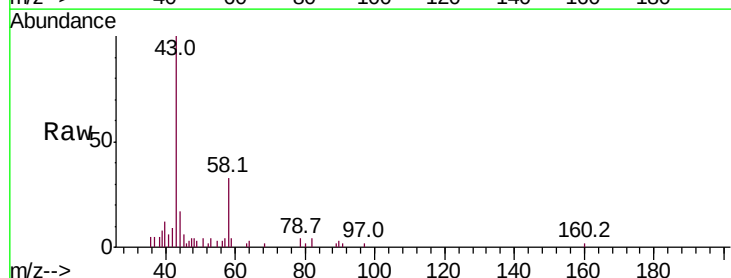
Acq: 28 Jun 2019 14:14

Tgt Ion: 43 Resp: 3363

Ion Ratio Lower Upper

43 100

58 31.7 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

2500

2000

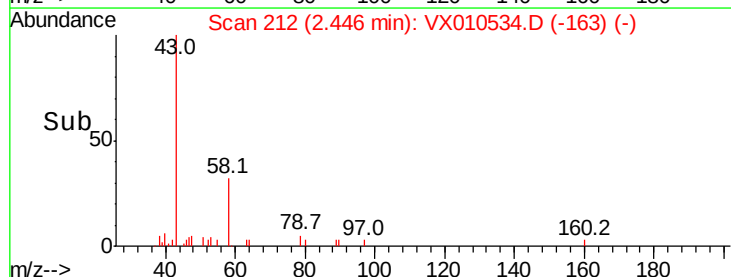
1500

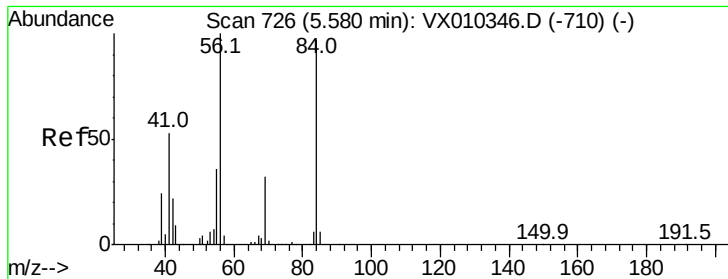
1000

500

0

Time--> 2.40 2.45 2.50

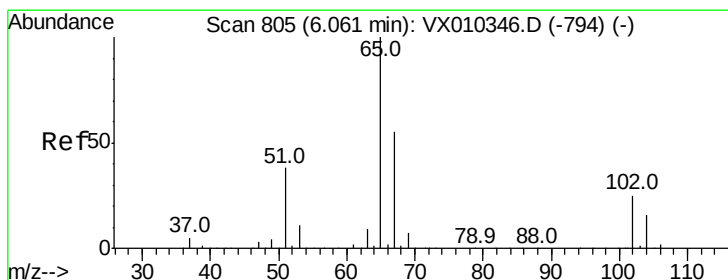
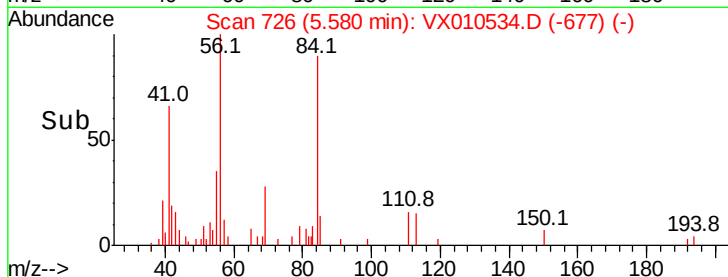
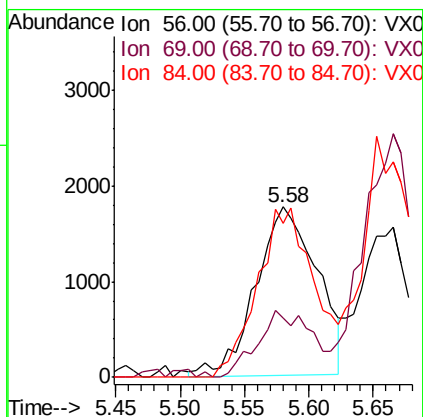
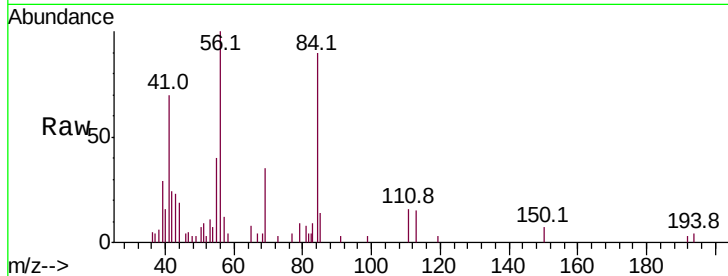




#31
Cyclohexane
Concen: 1.745 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

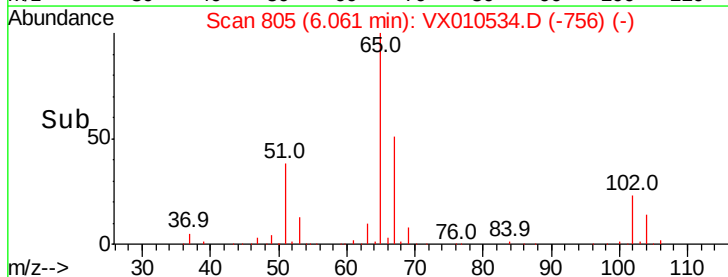
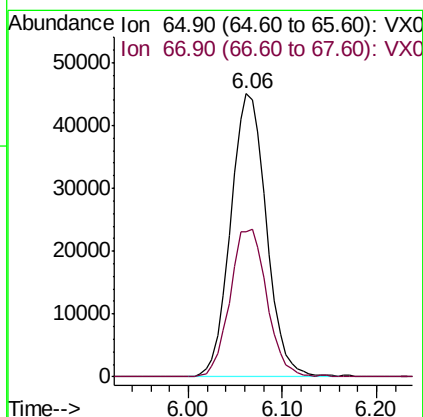
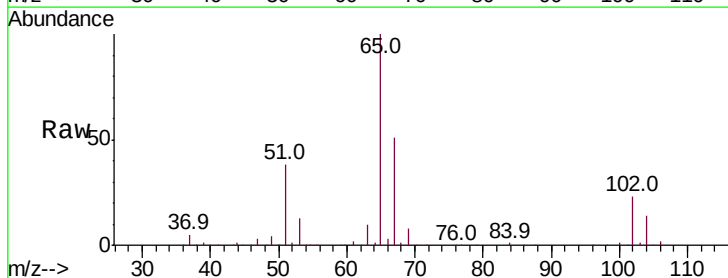
Instrument :
MSVOA_X
ClientSampled :
FL-0572

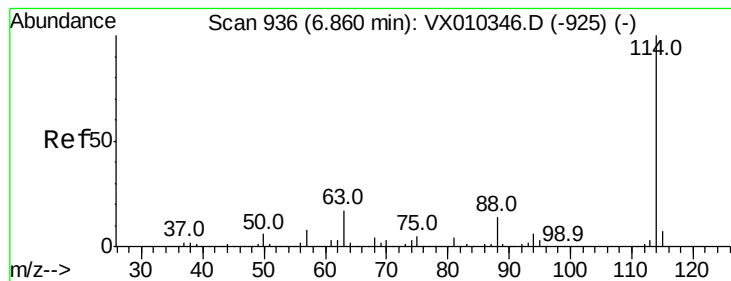
Tot Ion: 56 Resp: 5804
Ion Ratio Lower Upper
56 100
69 32.2 25.9 38.9
84 93.4 78.0 117.0



#33
1,2-Dichloroethane-d4
Concen: 51.616 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Tgt Ion: 65 Resp: 118879
Ion Ratio Lower Upper
65 100
67 54.1 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: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0572

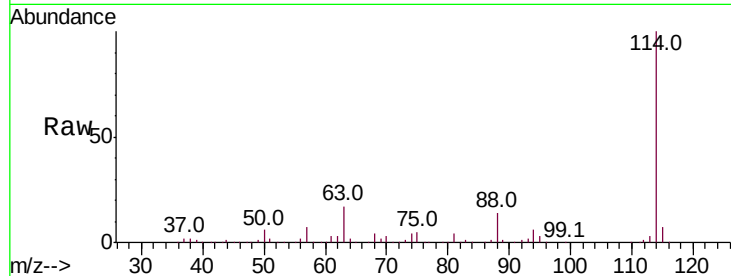
Tot Ion:114 Resp: 380923

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.8

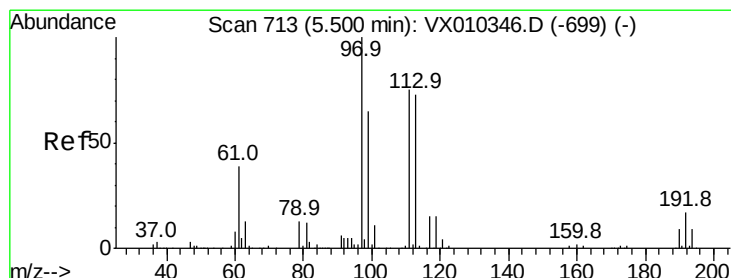
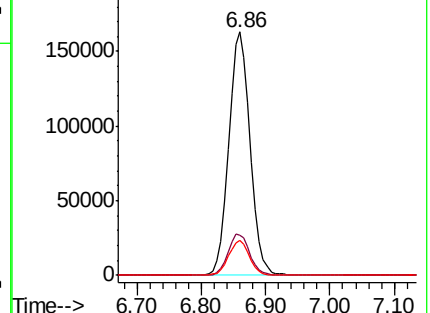
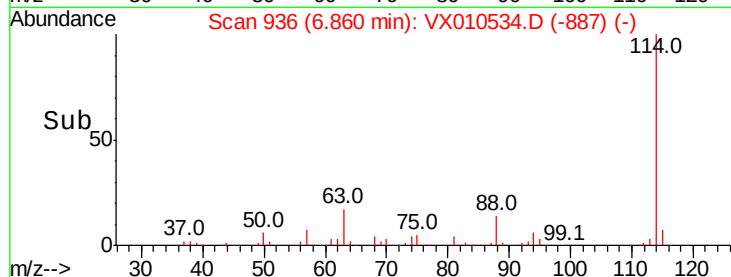
88 14.5 0.0 27.6



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: 49.824 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

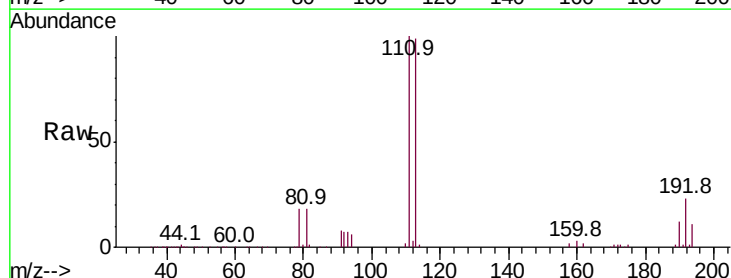
Tgt Ion:113 Resp: 116122

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

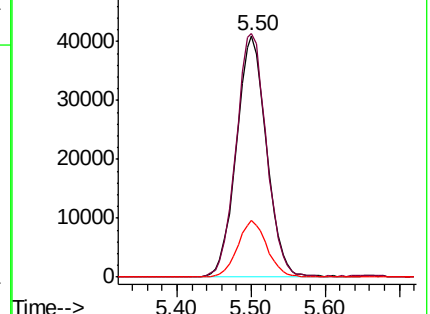
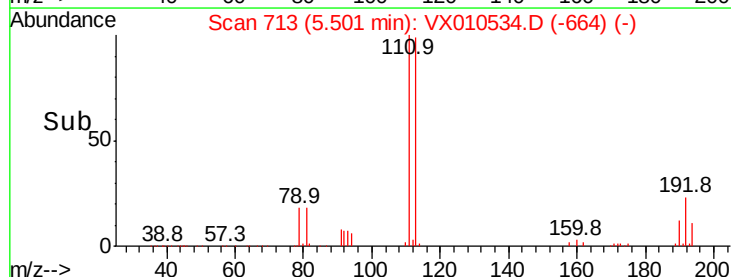
192 22.7 18.6 27.8

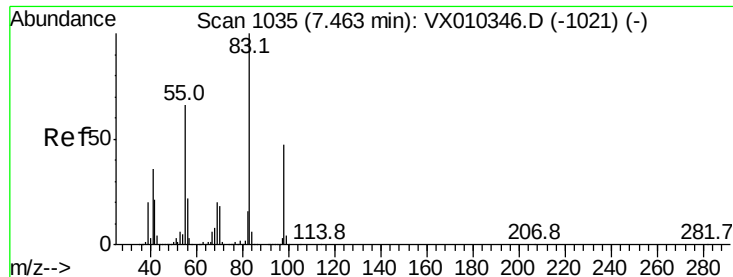


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

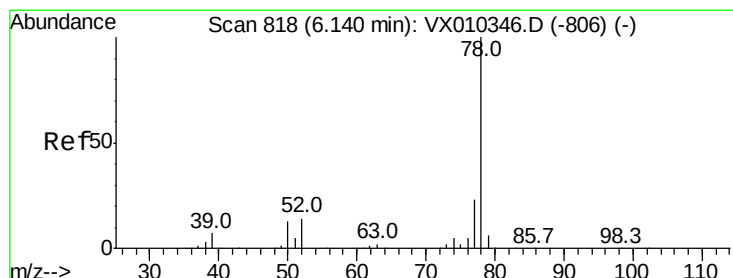
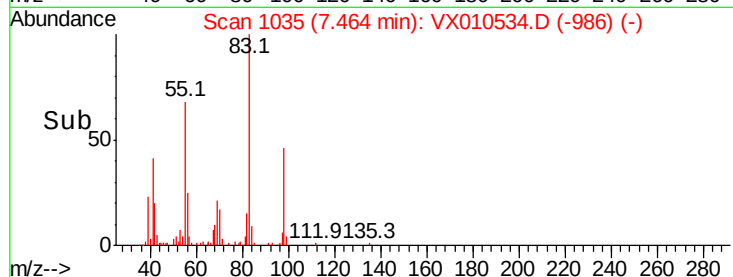
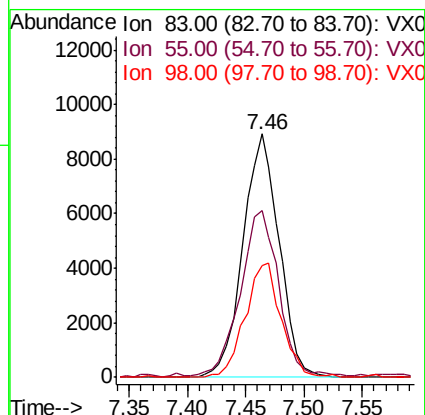
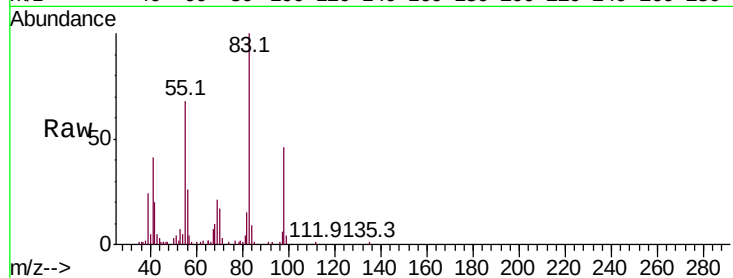




#39
Methylvlcyclohexane
Concen: 4.852 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

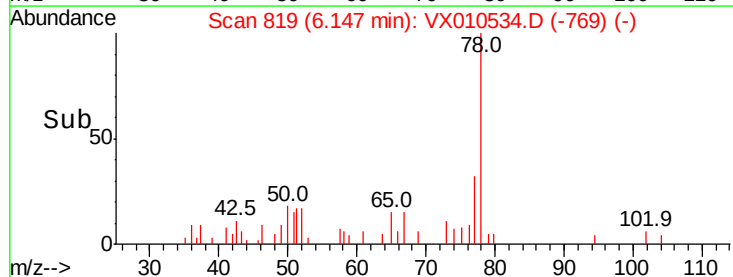
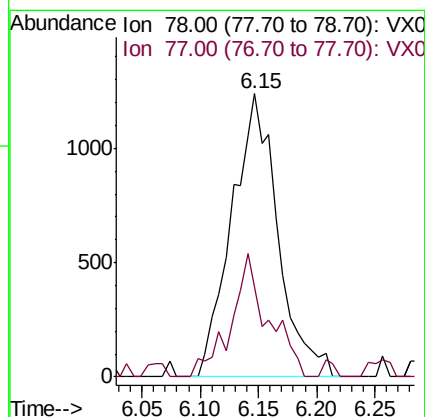
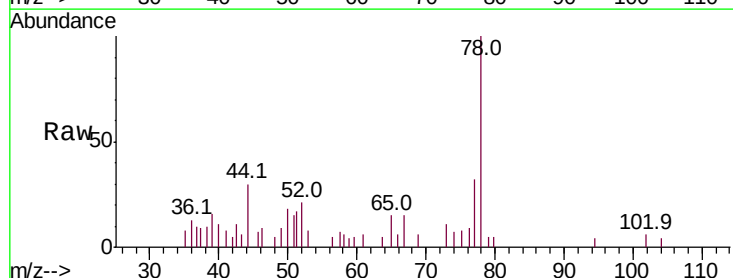
Instrument :
MSVOA_X
ClientSampleId :
FL-0572

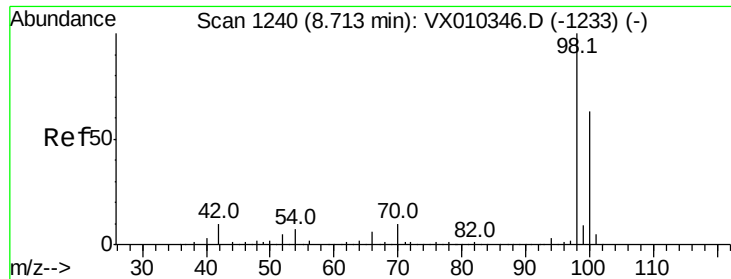
Tot Ion	83	Resp	19307
Ion Ratio	100	Lower	Upper
55	67.6	53.0	79.6
98	46.0	37.8	56.8



#40
Benzene
Concen: 0.363 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Tgt Ion	78	Resp	3420
Ion Ratio	100	Lower	Upper
77	32.1	18.6	28.0#

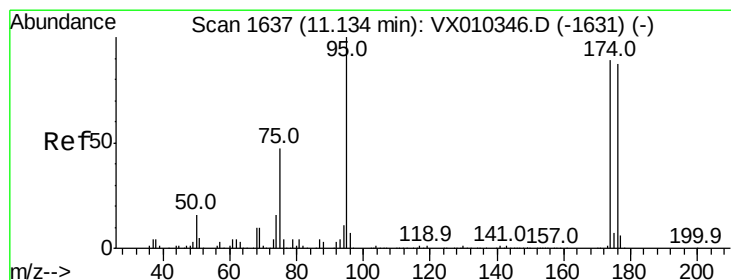
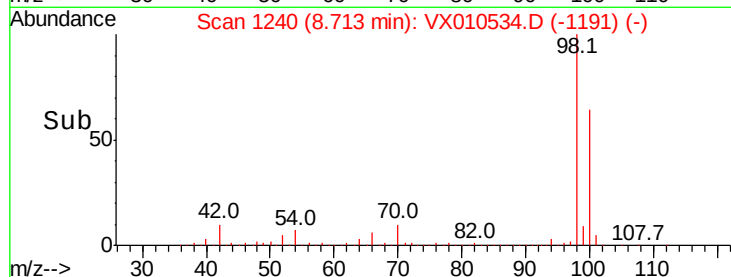
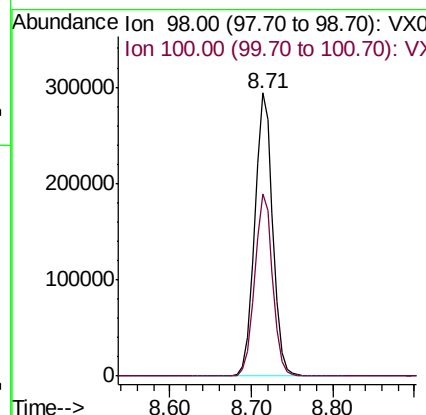
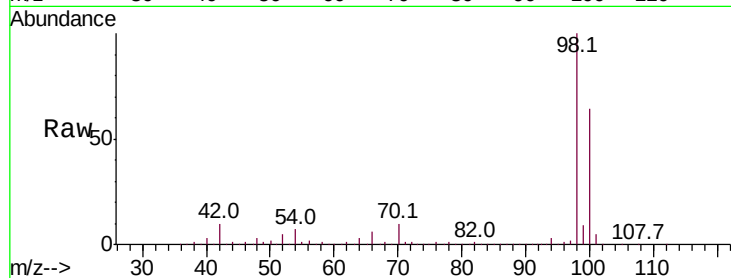




#50
Toluene-d8
Concen: 50.839 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

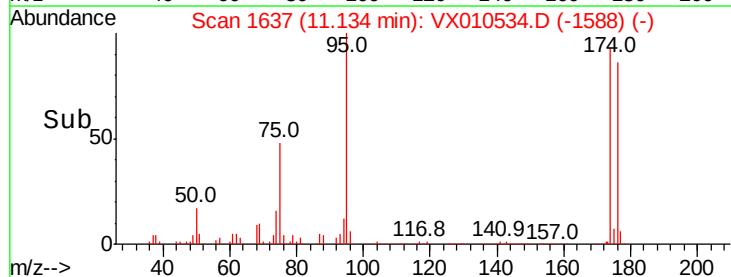
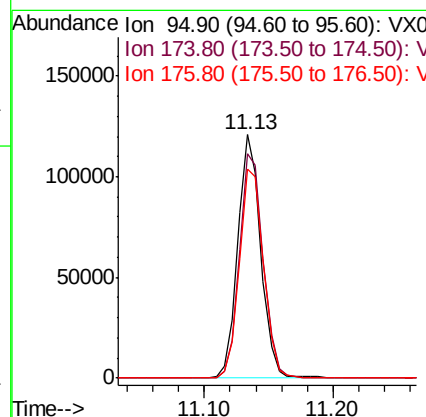
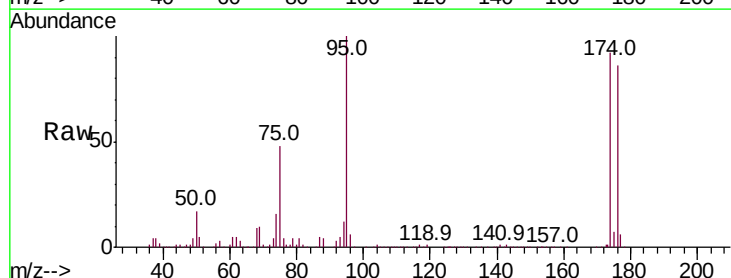
Instrument :
MSVOA_X
ClientSampleId :
FL-0572

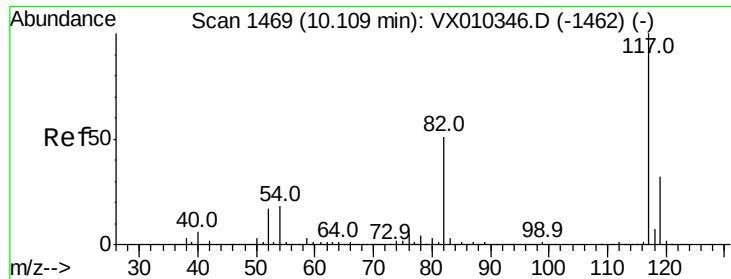
Tot Ion: 98 Resp: 453308
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.767 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Tgt Ion: 95 Resp: 150549
Ion Ratio Lower Upper
95 100
174 95.0 0.0 187.6
176 90.1 0.0 184.0

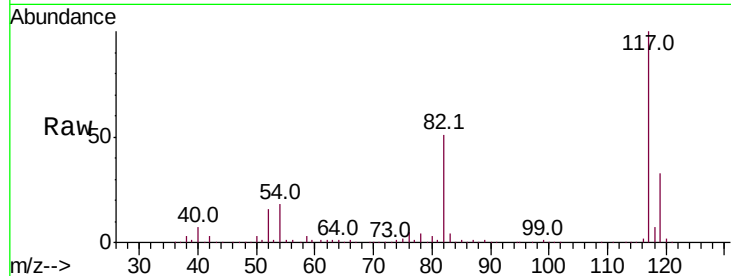




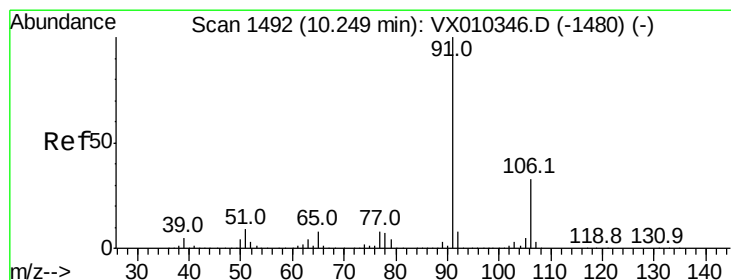
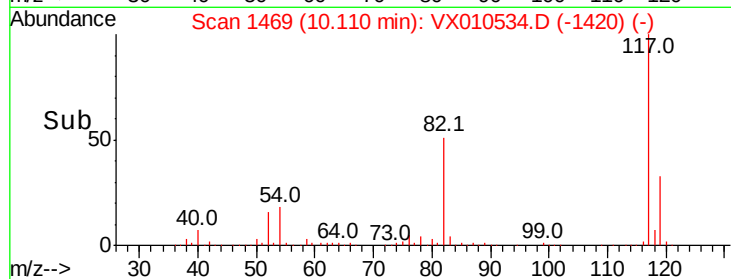
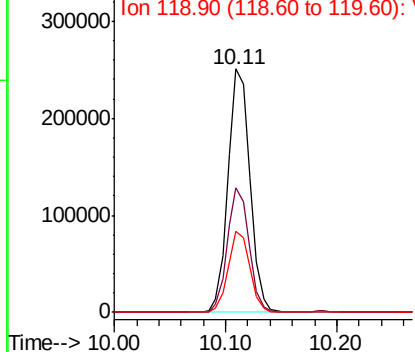
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Instrument :
MSVOA_X
ClientSampled :
FL-0572

Tot Ion:117 Resp: 342269
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 33.4 25.5 38.3

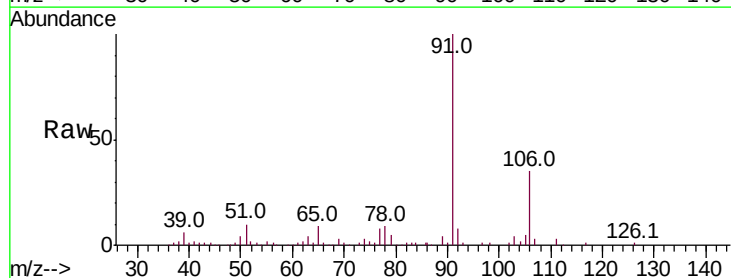


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

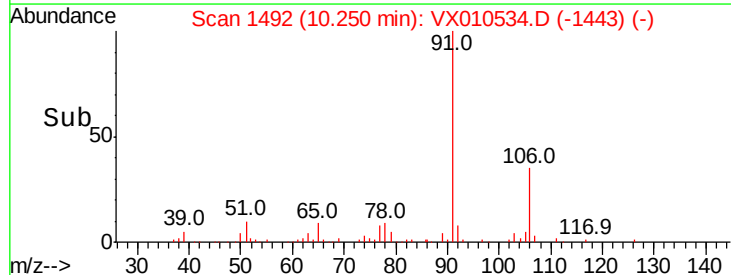
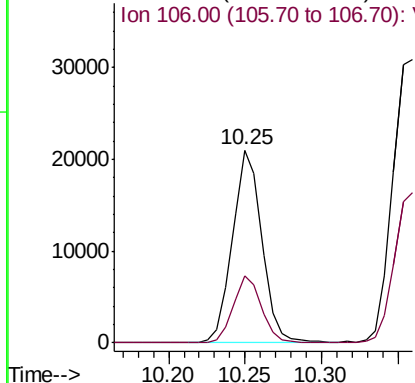


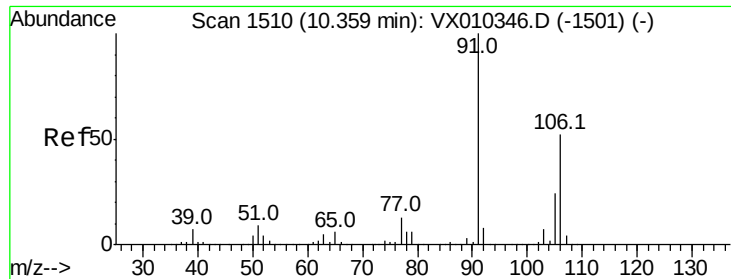
#67
Ethyl Benzene
Concen: 2.391 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Tgt Ion: 91 Resp: 28046
Ion Ratio Lower Upper
91 100
106 34.5 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

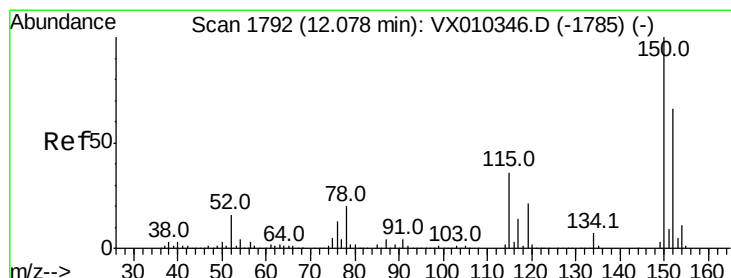
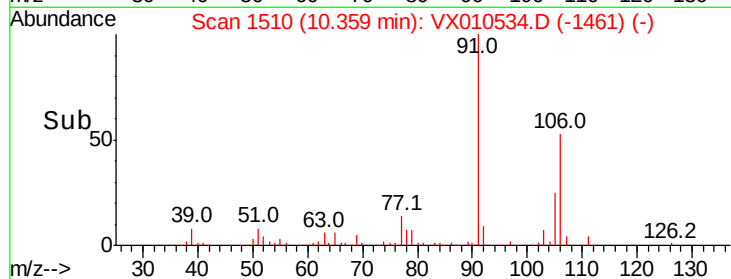
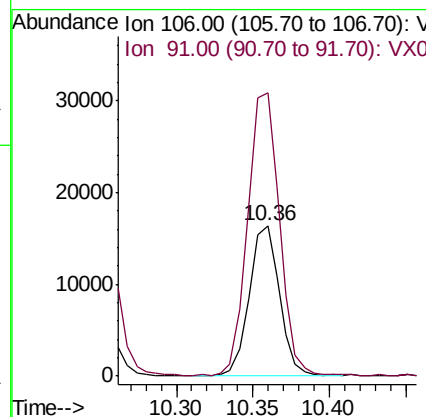
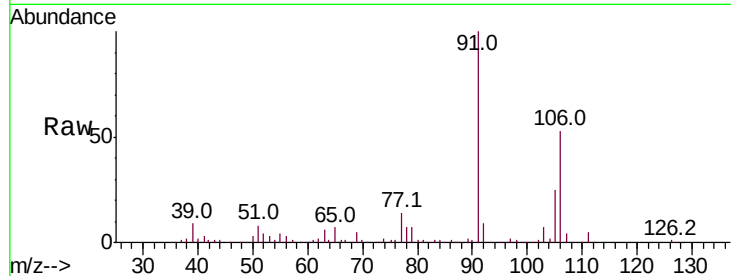




#68
m/p-Xvlenes
Concen: 4.982 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

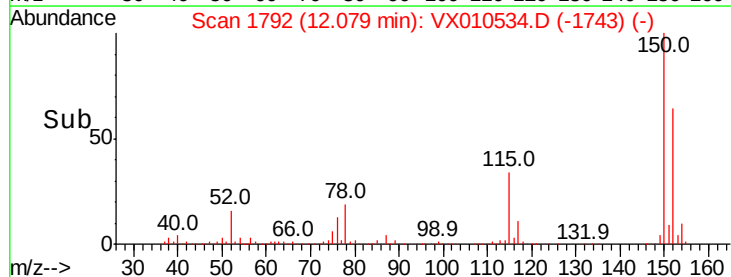
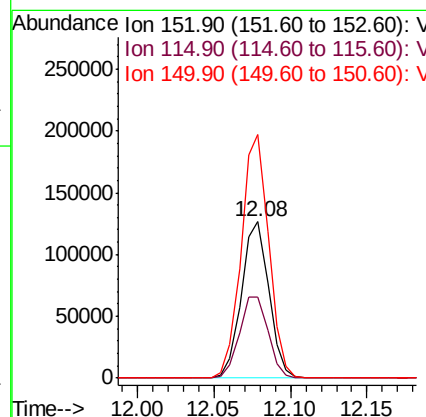
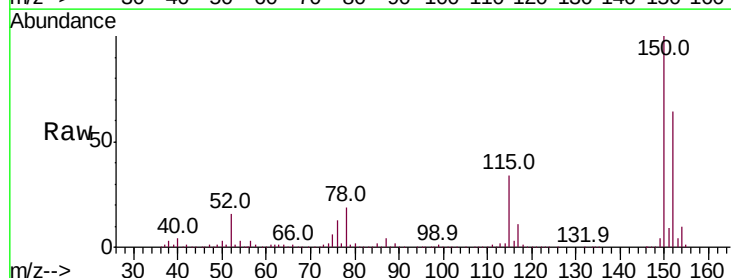
Instrument :
MSVOA_X
ClientSampleId :
FL-0572

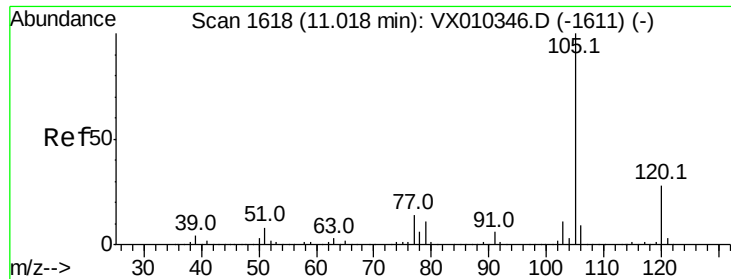
Tot Ion:106 Resp: 22647
Ion Ratio Lower Upper
106 100
91 196.6 155.3 232.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Tgt Ion:152 Resp: 157317
Ion Ratio Lower Upper
152 100
115 54.7 38.6 115.7
150 156.4 0.0 347.4

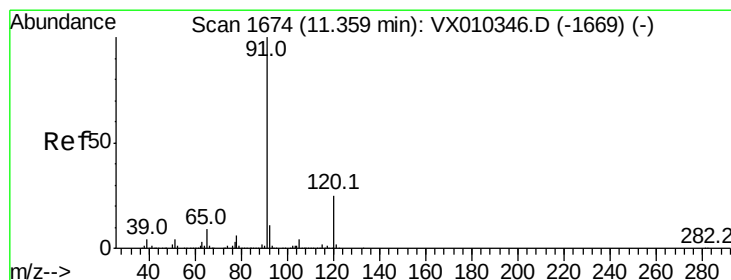
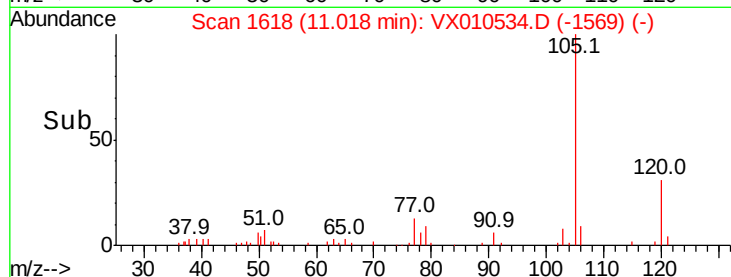
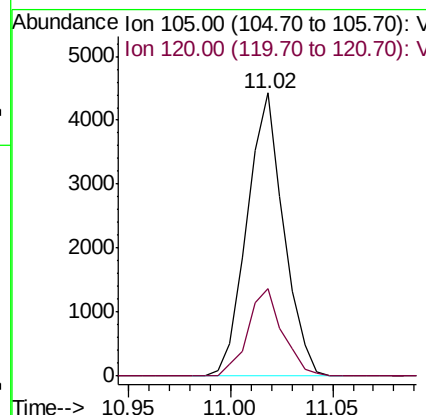
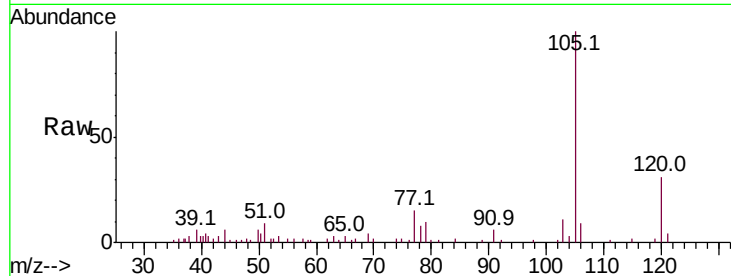




#73
Isopropylbenzene
Concen: 0.518 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

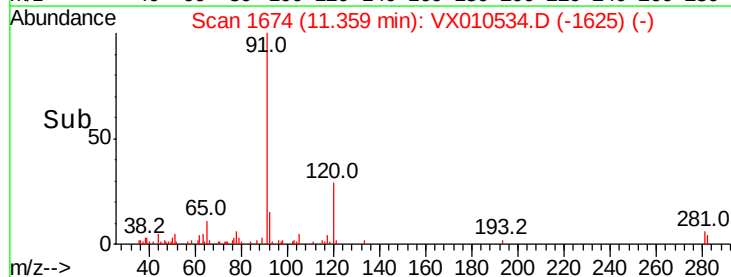
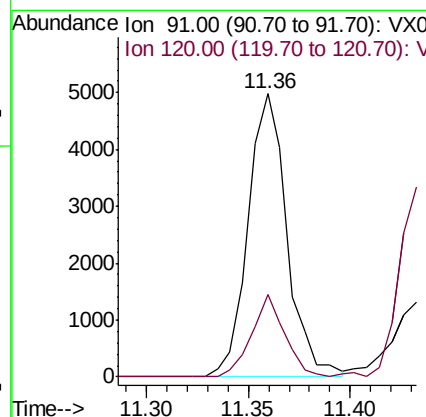
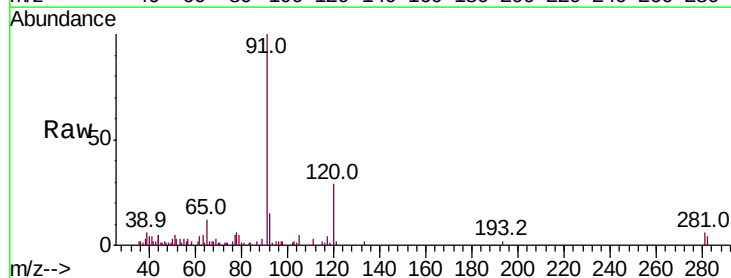
Instrument :
MSVOA_X
ClientSampleId :
FL-0572

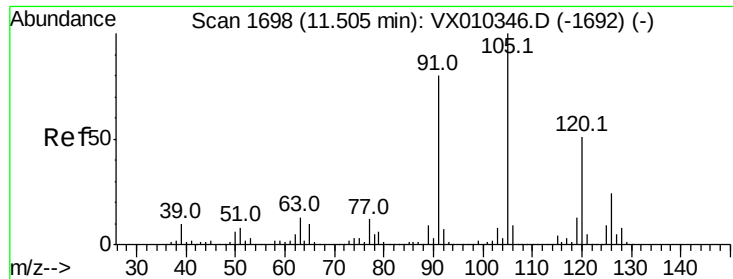
Tot Ion:105 Resp: 5524
Ion Ratio Lower Upper
105 100
120 29.3 14.1 42.4



#78
n-propylbenzene
Concen: 0.564 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Tgt Ion: 91 Resp: 6606
Ion Ratio Lower Upper
91 100
120 24.6 12.4 37.4

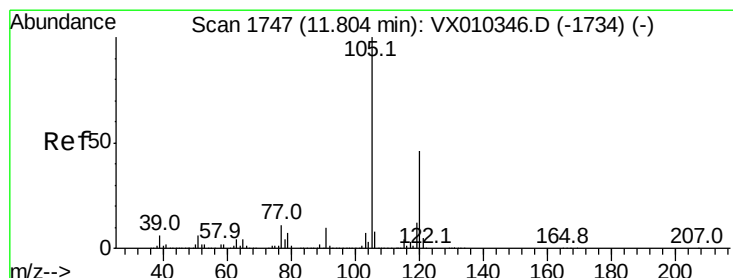
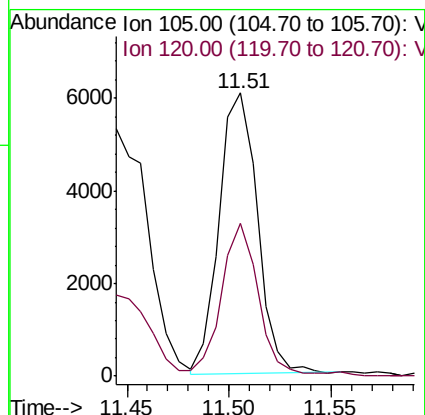
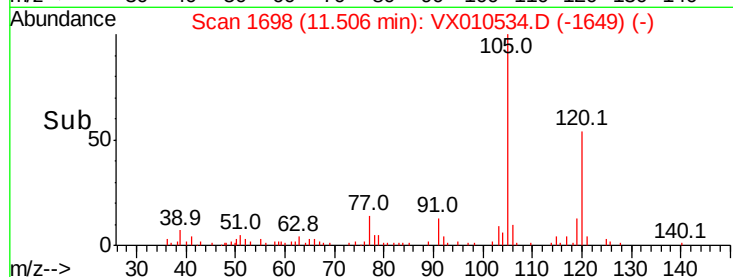
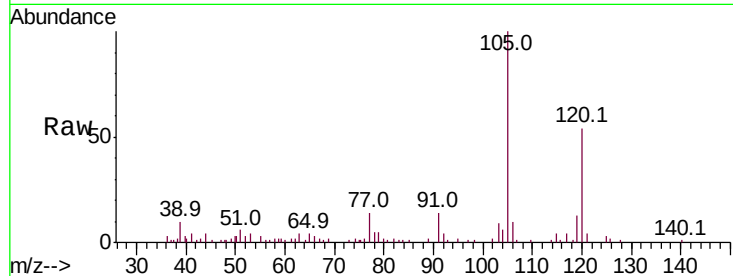




#80
 1,3,5-Trimethylbenzene
 Concen: 0.895 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010534.D
 Acq: 28 Jun 2019 14:14

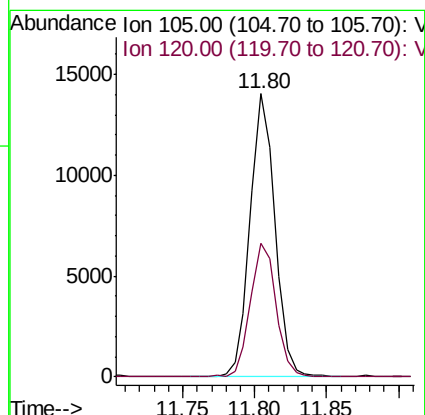
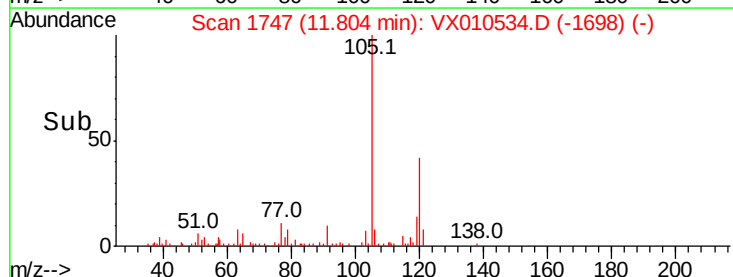
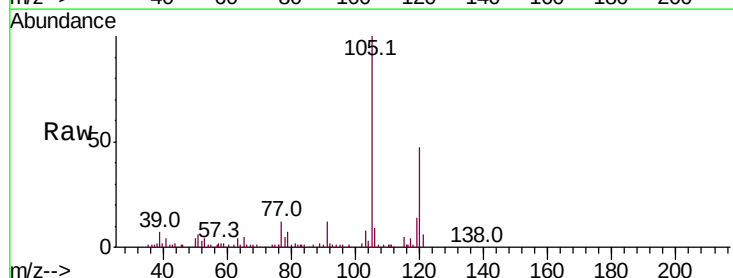
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0572

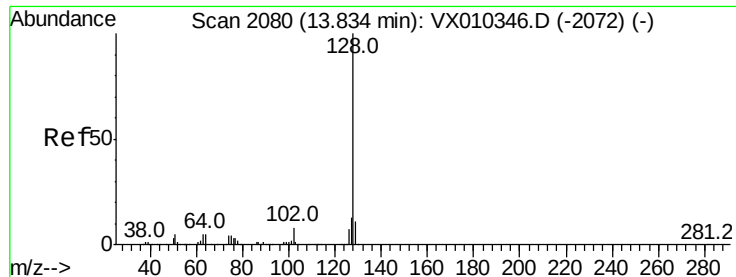
Tot Ion:105 Resp: 7869
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.889 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010534.D
 Acq: 28 Jun 2019 14:14

Tgt Ion:105 Resp: 16688
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.1 69.2





#95

Naphthalene

Concen: 0.432 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0572

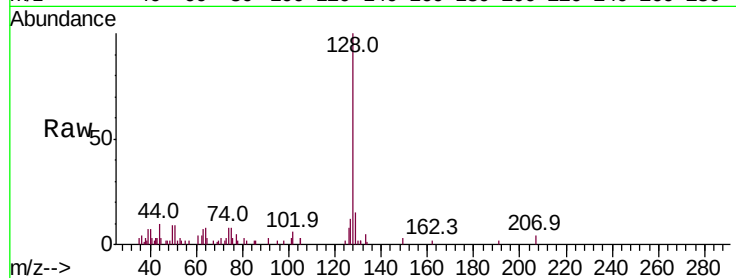
Tot Ion:128 Resp: 4756

Ion Ratio Lower Upper

128 100

127 15.5 10.2 15.4#

129 17.8 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

