

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010586.D
 Acq On : 01 Jul 2019 13:24
 Operator : JC/SP
 Sample : K3565-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0568DL

Quant Time: Jul 02 10:13:16 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

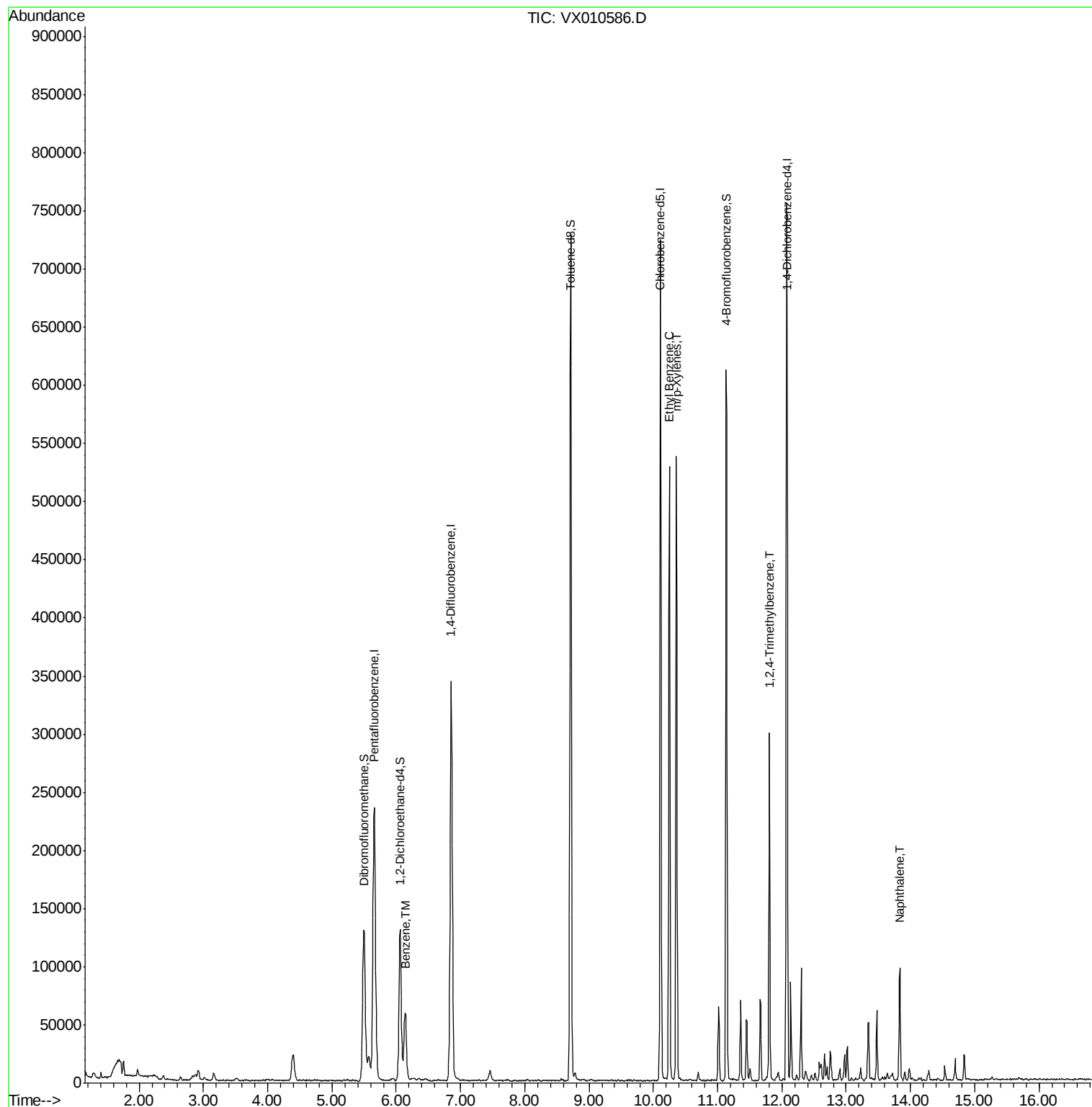
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	247471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	374458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118357	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	5.49	113	112665	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	8.71	98	447432	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.13	95	153750	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
Target Compounds						
40) Benzene	6.13	78	74640	8.051	ug/l	98
67) Ethyl Benzene	10.25	91	307041	25.977	ug/l	100
68) m/p-Xylenes	10.36	106	125643	27.434	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	130291	13.843	ug/l	97
95) Naphthalene	13.83	128	61259	5.222	ug/l	98

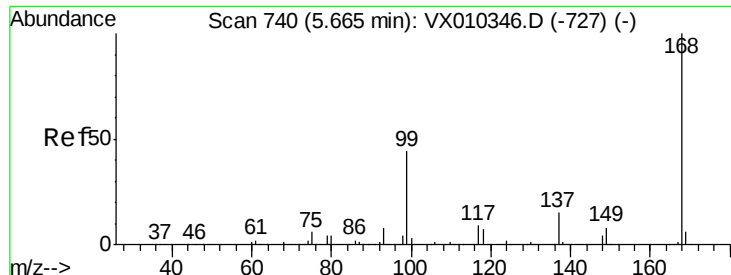
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
FL-0568DL

Quant Time: Jul 02 10:13:16 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: VX010586.D

Acq: 01 Jul 2019 13:24

Instrument :

MSVOA_X

ClientSampleId :

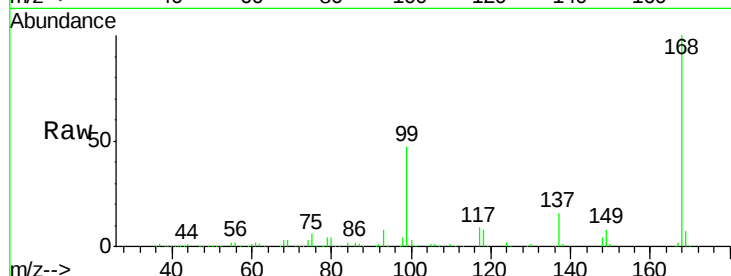
FL-0568DL

Tot Ion:168 Resp: 247471

Ion Ratio Lower Upper

168 100

99 47.2 35.5 53.3

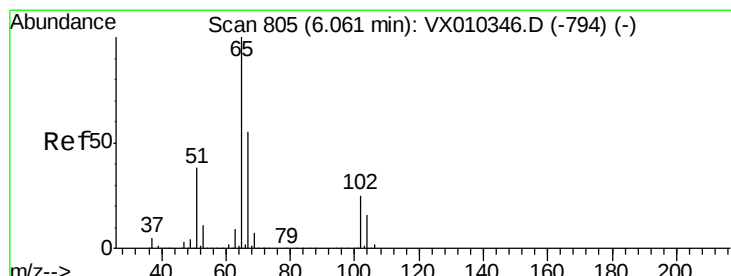
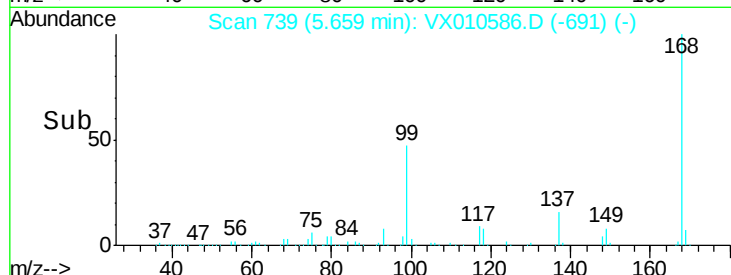


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.010 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010586.D

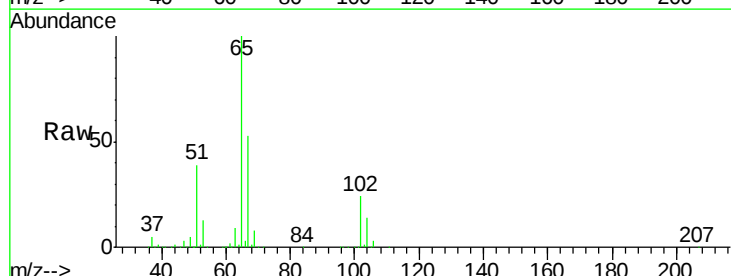
Acq: 01 Jul 2019 13:24

Tgt Ion: 65 Resp: 118357

Ion Ratio Lower Upper

65 100

67 53.9 0.0 110.2

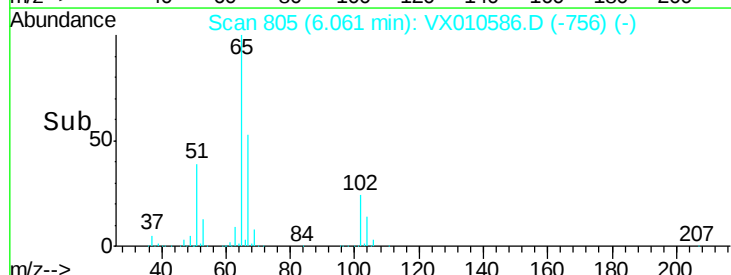


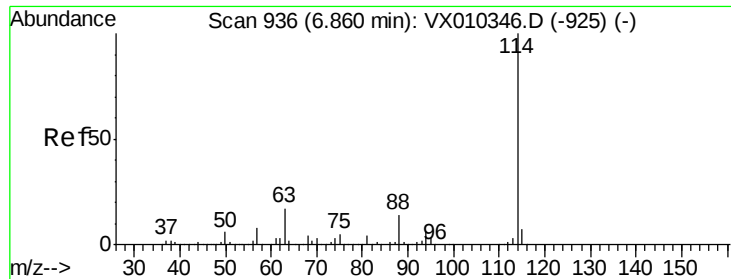
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010586.D

Acq: 01 Jul 2019 13:24

Instrument :

MSVOA_X

ClientSampleId :

FL-0568DL

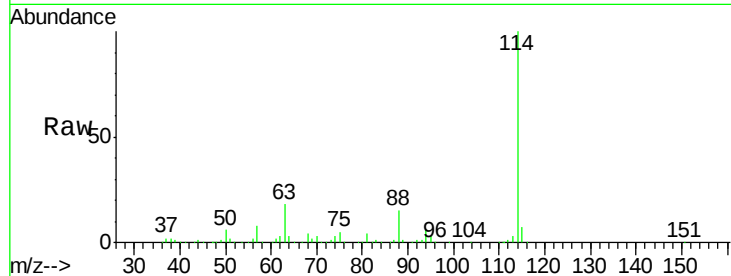
Tot Ion:114 Resp: 374458

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

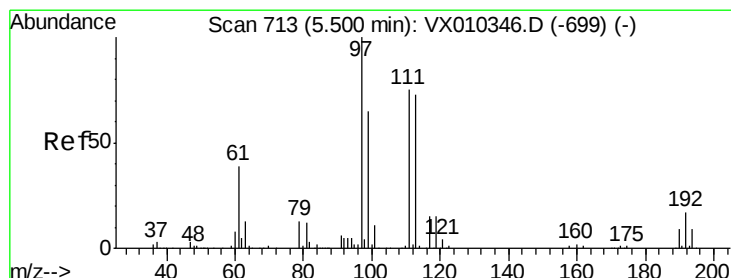
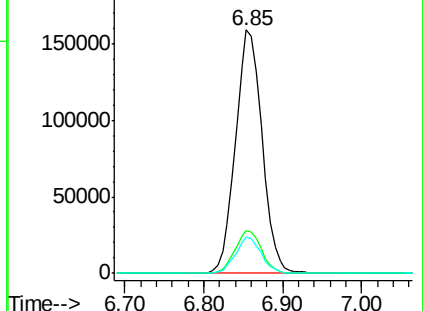
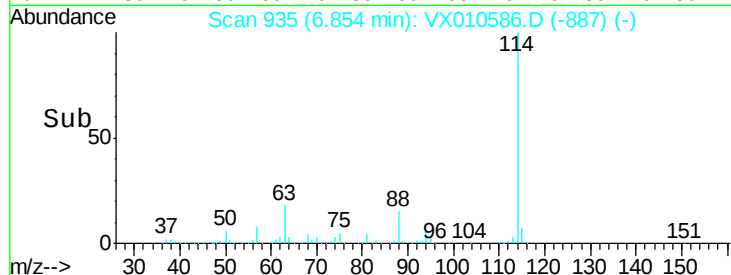
88 14.7 0.0 27.6



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: 49.176 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010586.D

Acq: 01 Jul 2019 13:24

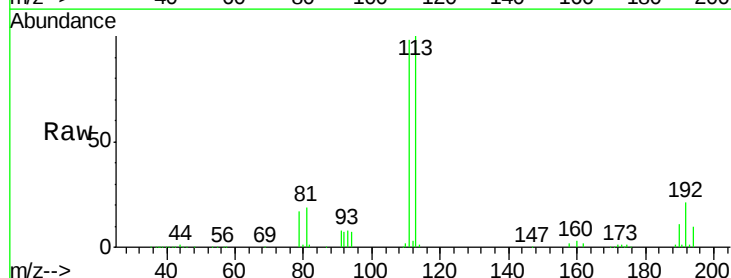
Tgt Ion:113 Resp: 112665

Ion Ratio Lower Upper

113 100

111 101.3 81.2 121.8

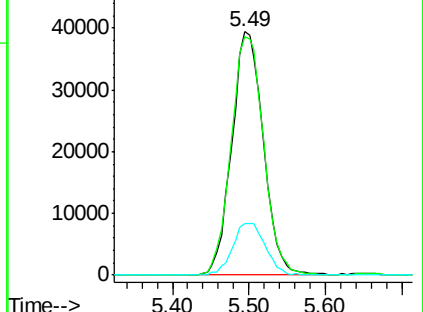
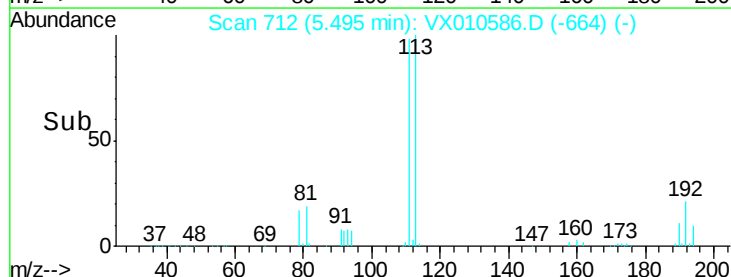
192 22.2 18.6 27.8

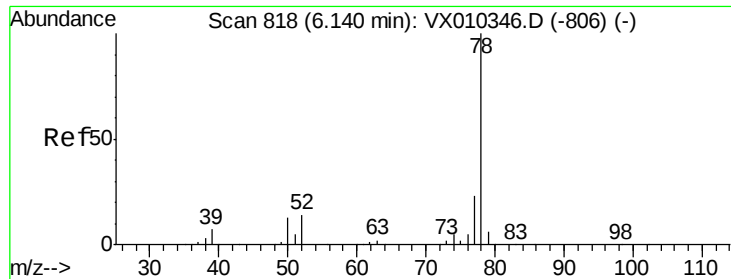


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

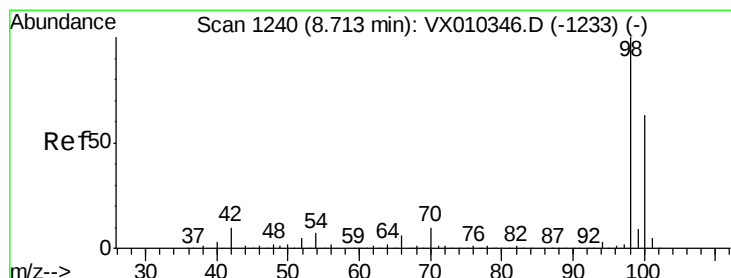
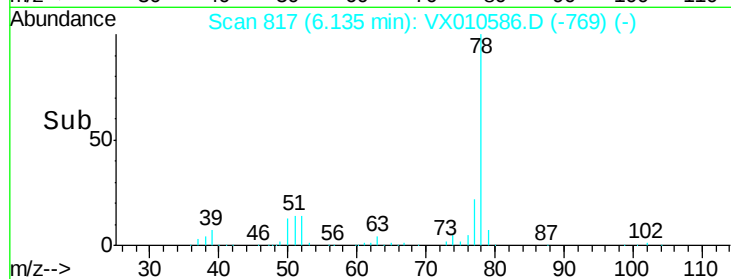
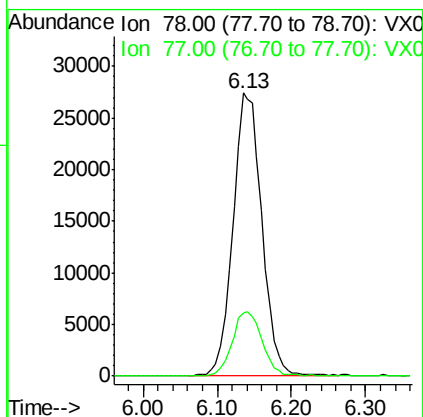
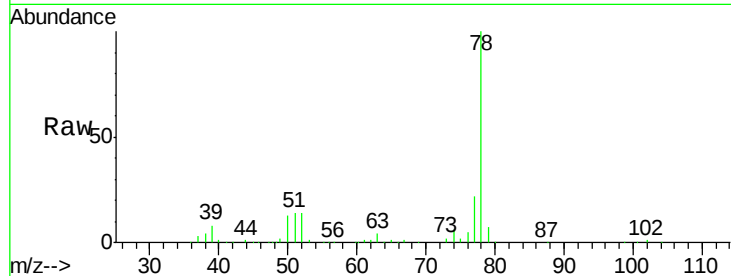




#40
Benzene
Concen: 8.051 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010586.D
Acq: 01 Jul 2019 13:24

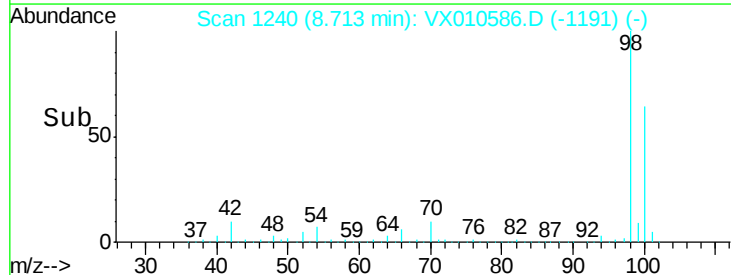
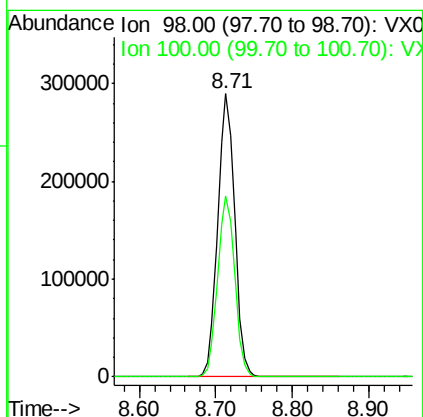
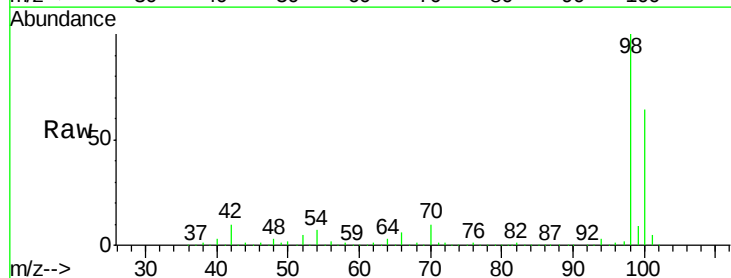
Instrument :
MSVOA_X
ClientSampleID :
FL-0568DL

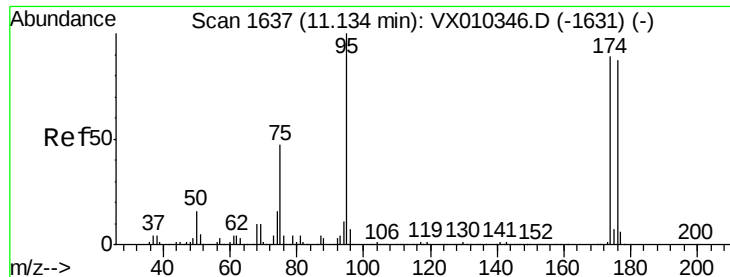
Tot Ion: 78 Resp: 74640
Ion Ratio Lower Upper
78 100
77 22.3 18.6 28.0



#50
Toluene-d8
Concen: 51.046 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010586.D
Acq: 01 Jul 2019 13:24

Tgt Ion: 98 Resp: 447432
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 48.586 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010586.D

Acq: 01 Jul 2019 13:24

Instrument :

MSVOA_X

ClientSampleId :

FL-0568DL

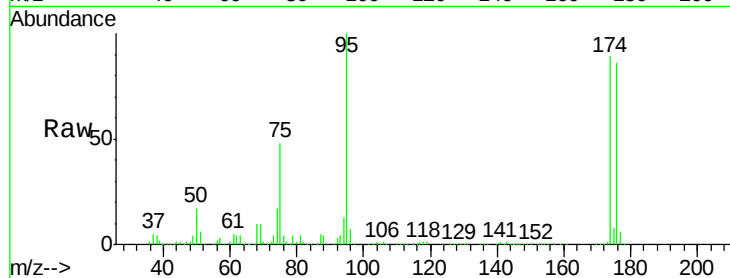
Tot Ion: 95 Resp: 153750

Ion Ratio Lower Upper

95 100

174 94.0 0.0 187.6

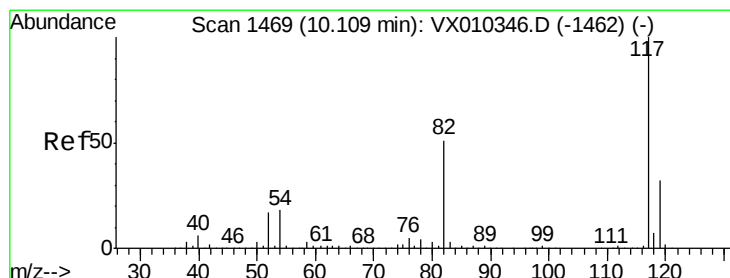
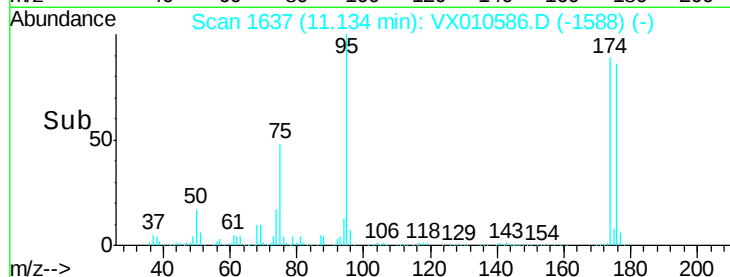
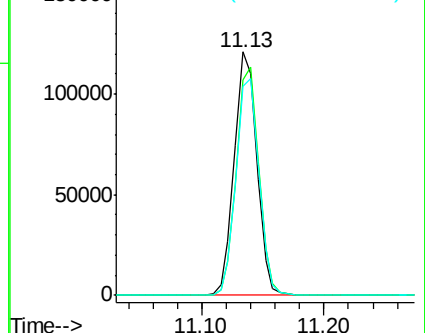
176 90.8 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010586.D

Acq: 01 Jul 2019 13:24

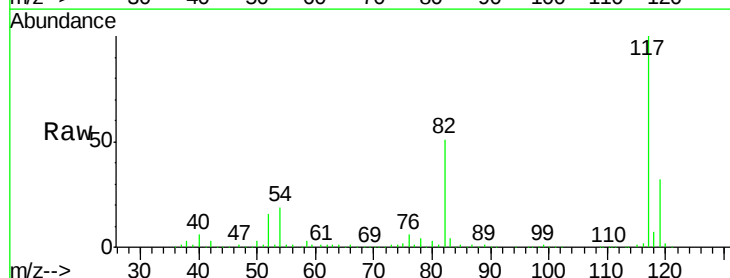
Tgt Ion: 117 Resp: 344859

Ion Ratio Lower Upper

117 100

82 51.1 41.2 61.8

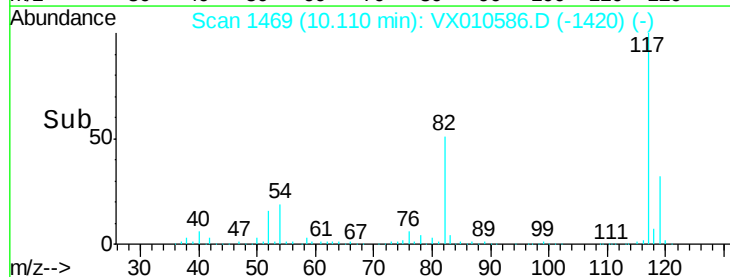
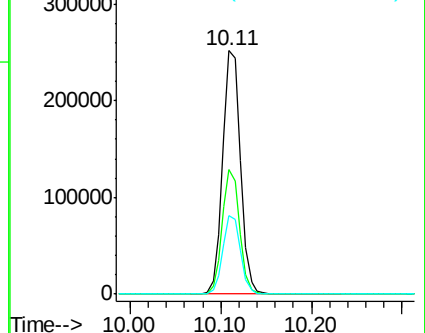
119 32.4 25.5 38.3

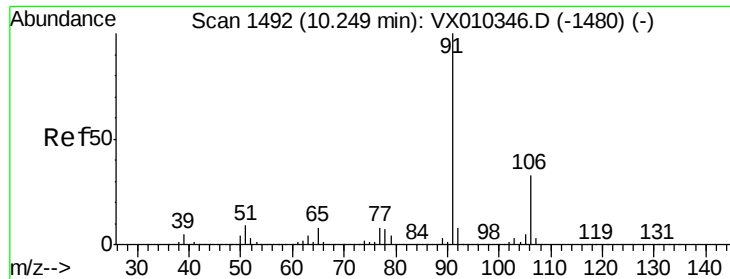


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

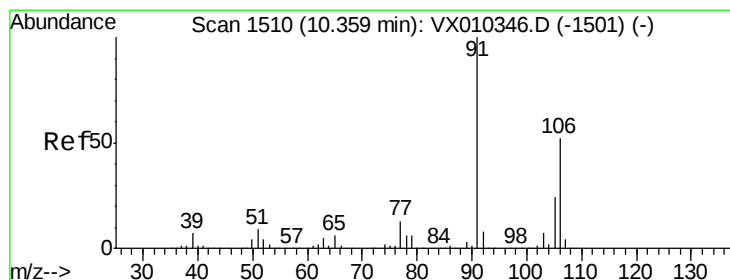
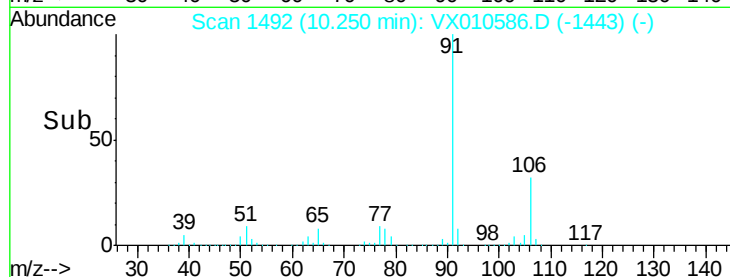
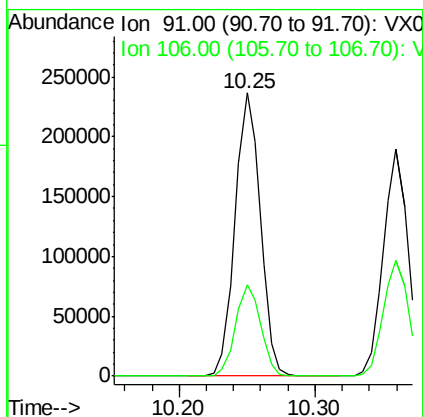
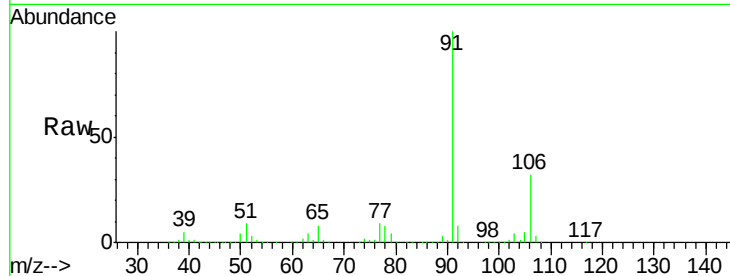




#67
Ethyl Benzene
Concen: 25.977 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010586.D
Acq: 01 Jul 2019 13:24

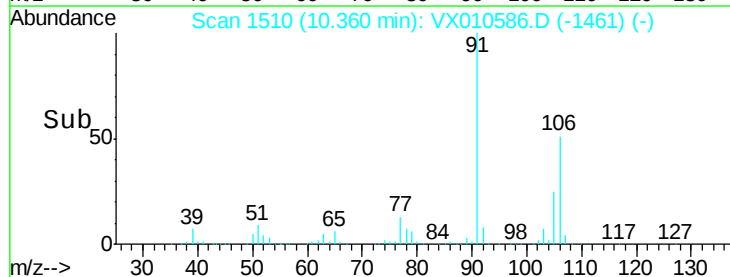
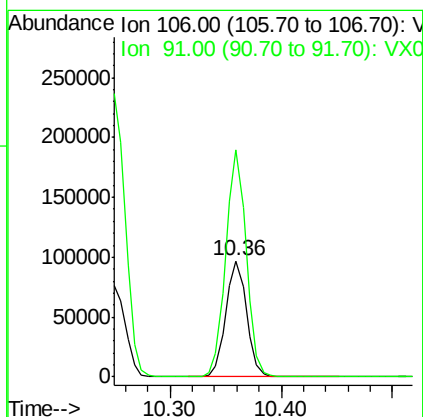
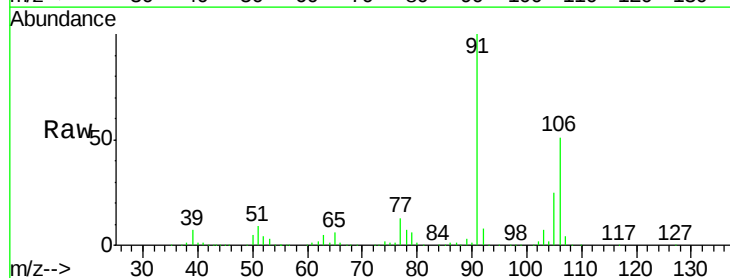
Instrument :
MSVOA_X
ClientSampled :
FL-0568DL

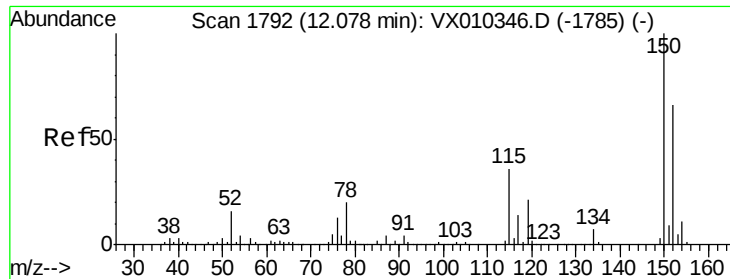
Tot Ion: 91 Resp: 307041
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2



#68
m/p-Xylenes
Concen: 27.434 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010586.D
Acq: 01 Jul 2019 13:24

Tgt Ion: 106 Resp: 125643
Ion Ratio Lower Upper
106 100
91 192.5 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010586.D

Acq: 01 Jul 2019 13:24

Instrument :

MSVOA_X

ClientSampleId :

FL-0568DL

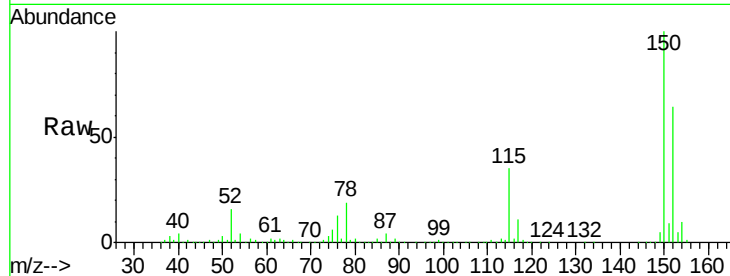
Tot Ion:152 Resp: 167644

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

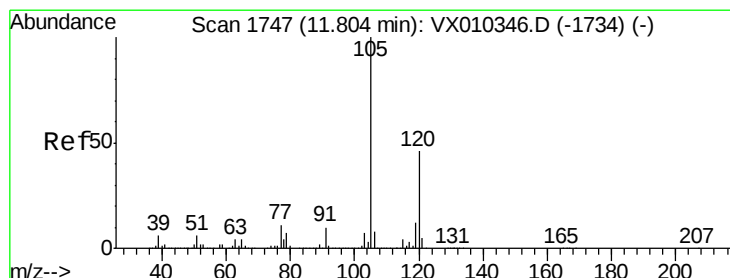
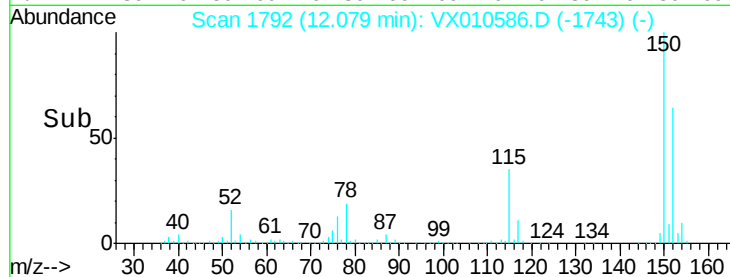
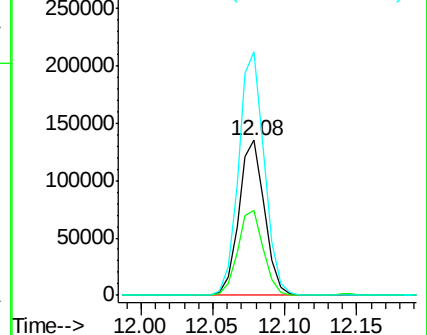
150 157.8 0.0 347.4



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



#84

1,2,4-Trimethylbenzene

Concen: 13.843 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010586.D

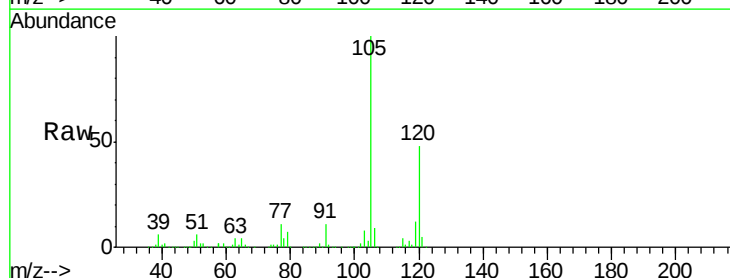
Acq: 01 Jul 2019 13:24

Tgt Ion:105 Resp: 130291

Ion Ratio Lower Upper

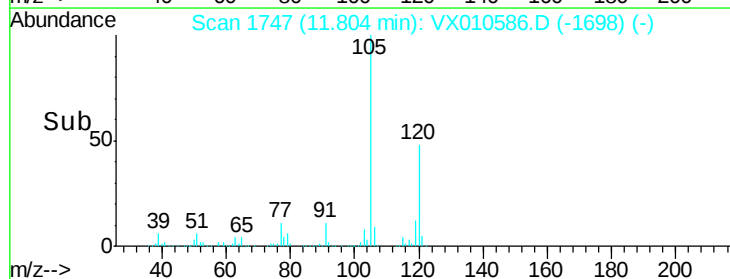
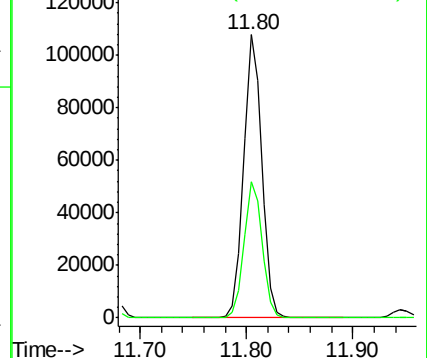
105 100

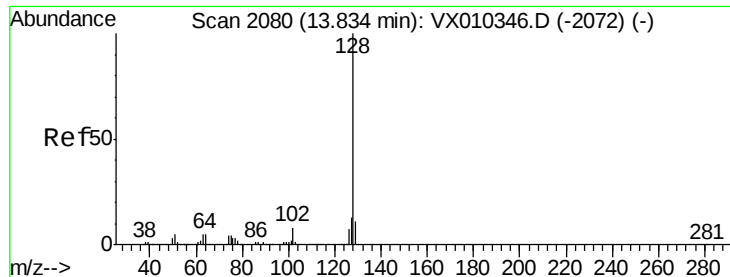
120 48.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 5.222 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010586.D
Acq: 01 Jul 2019 13:24

Instrument :
MSVOA_X
ClientSampleId :
FL-0568DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	11.5	8.9	13.3

