

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011586.D
 Acq On : 16 Aug 2019 17:11
 Operator : JC/SP
 Sample : K4223-12
 Misc : 4.85g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-6

Quant Time: Aug 19 03:26:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

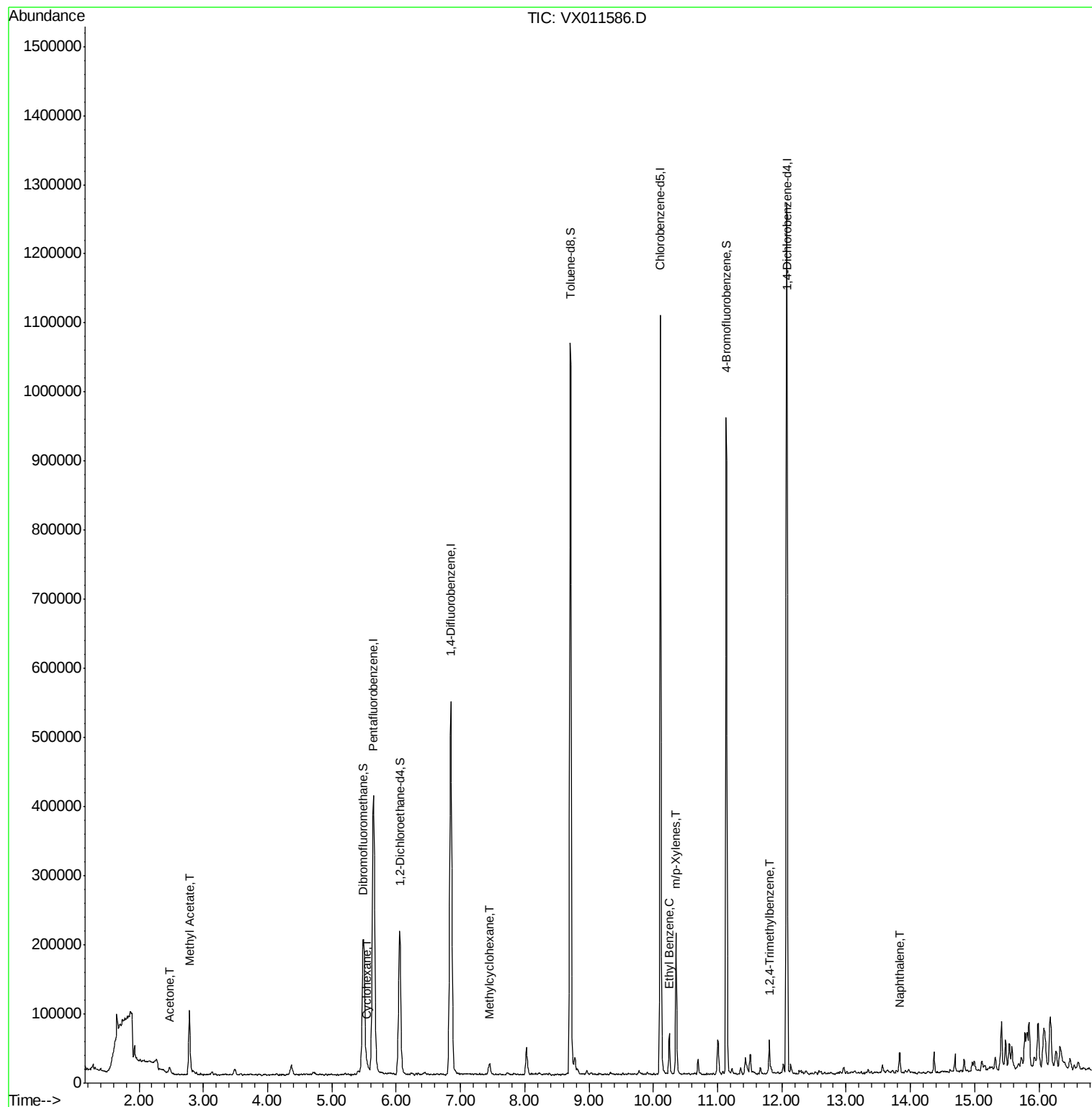
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	434727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	598249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	538252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	292799	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	203108	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
35) Dibromofluoromethane	5.49	113	168314	43.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.02%	
50) Toluene-d8	8.71	98	682812	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
62) 4-Bromofluorobenzene	11.13	95	251562	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
16) Acetone	2.47	43	13521	6.670	ug/l	90
18) Methyl Acetate	2.78	43	114634	18.234	ug/l	96
31) Cyclohexane	5.56	56	10009	1.674	ug/l	86
39) Methylcyclohexane	7.45	83	7573	1.199	ug/l	98
67) Ethyl Benzene	10.25	91	33721	1.760	ug/l	95
68) m/p-Xylenes	10.35	106	49302	6.704	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	18200	1.136	ug/l	97
95) Naphthalene	13.83	128	21587	1.051	ug/l	96

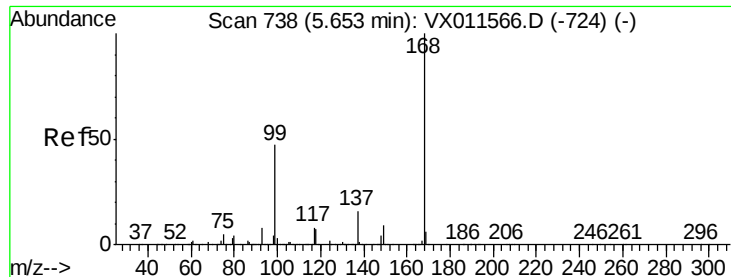
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081619\
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011586.D

Acq: 16 Aug 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

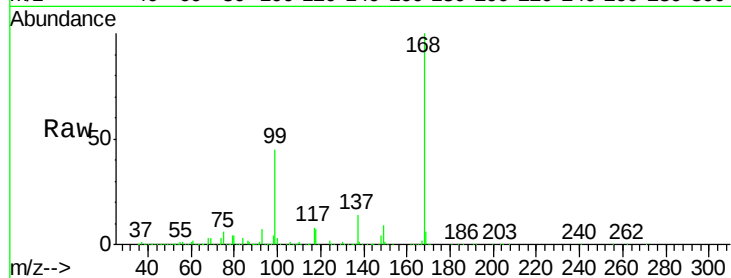
SP-6

Tot Ion:168 Resp: 434727

Ion Ratio Lower Upper

168 100

99 44.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

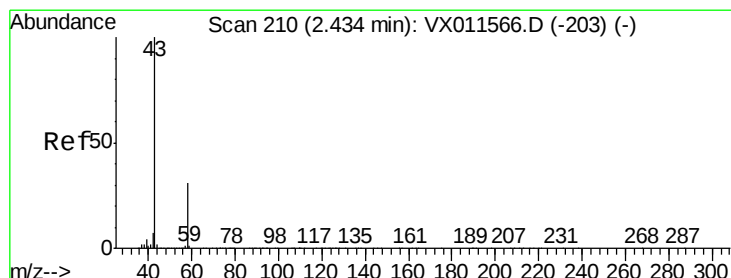
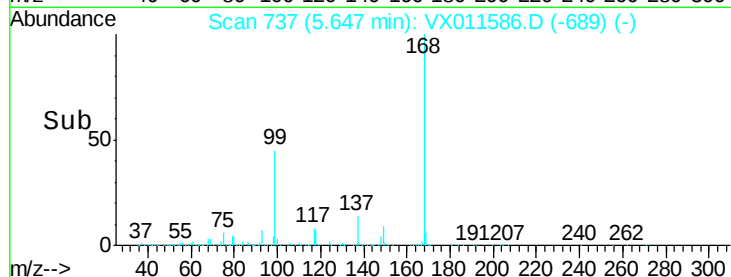
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.670 ug/l

RT: 2.47 min Scan# 216

Delta R.T. 0.04 min

Lab File: VX011586.D

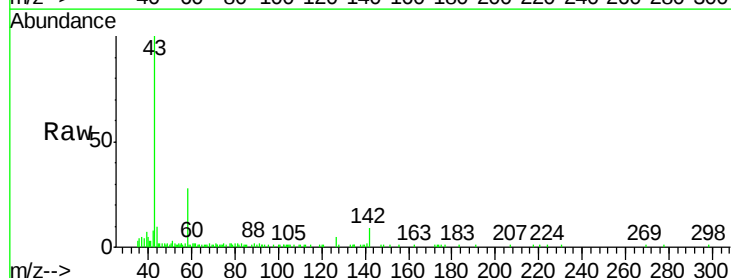
Acq: 16 Aug 2019 17:11

Tgt Ion: 43 Resp: 13521

Ion Ratio Lower Upper

43 100

58 26.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.47

8000

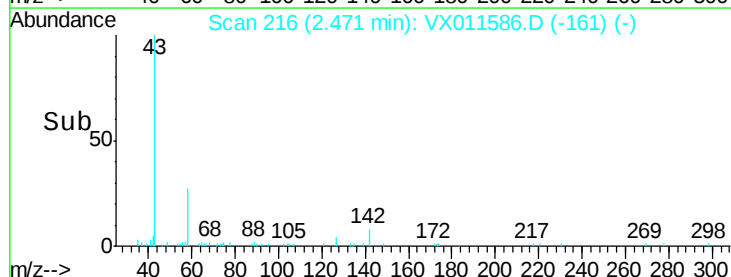
6000

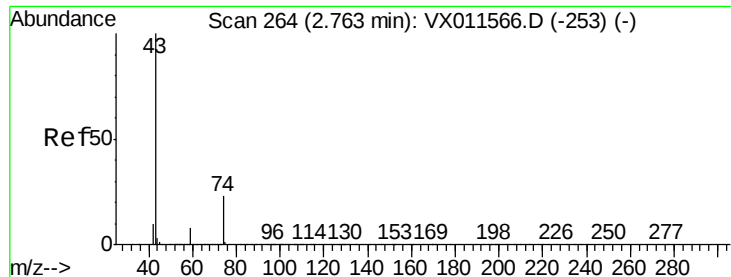
4000

2000

0

Time-->

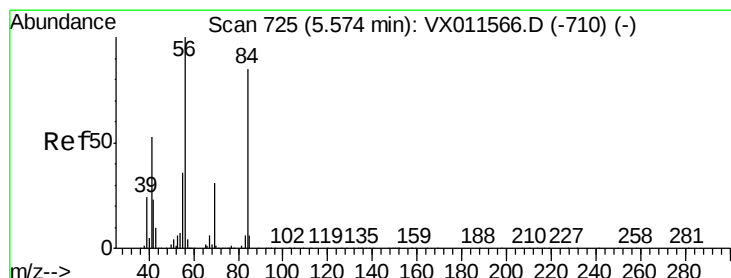
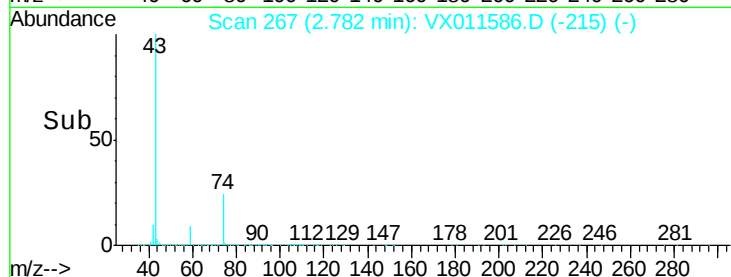
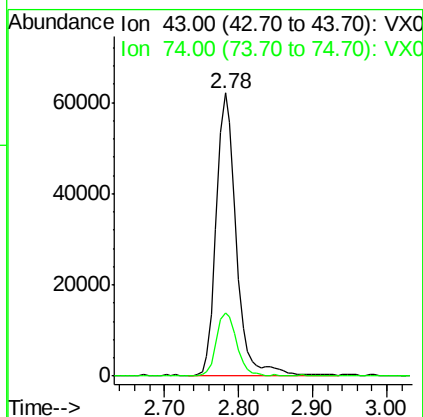
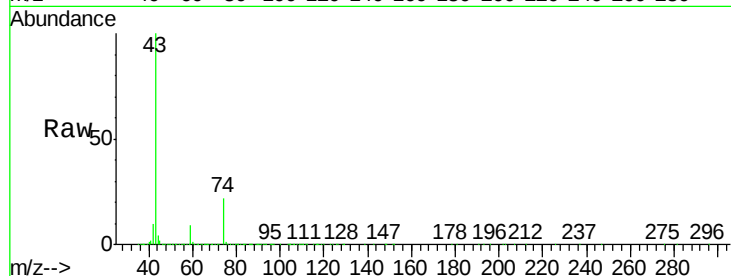




#18
Methvl Acetate
Concen: 18.234 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX011586.D
Acq: 16 Aug 2019 17:11

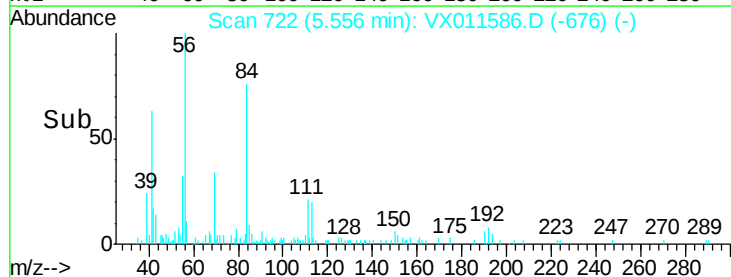
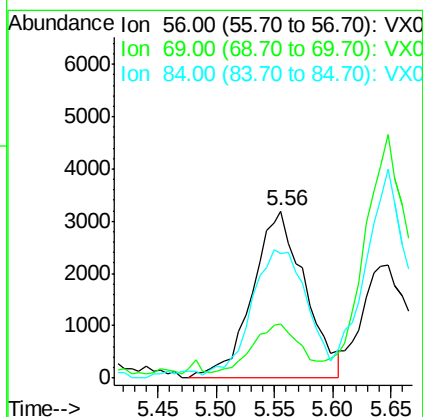
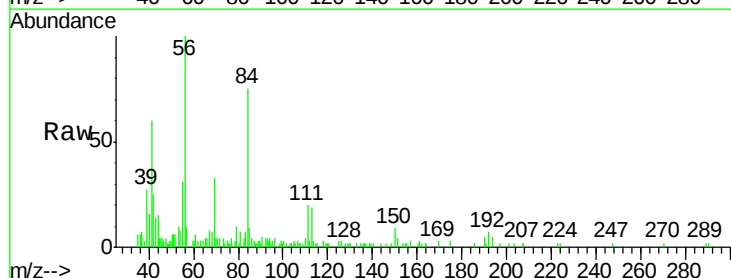
Instrument :
MSVOA_X
ClientSampleId :
SP-6

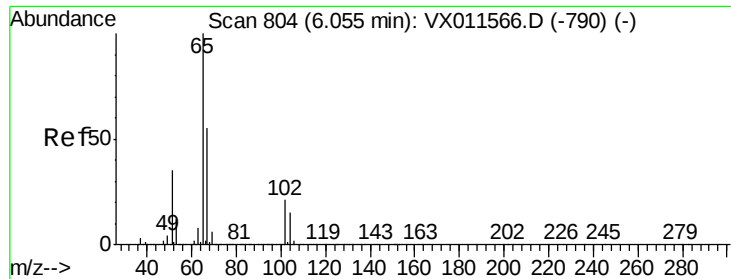
Tot Ion: 43 Resp: 114634
Ion Ratio Lower Upper
43 100
74 22.6 19.7 29.5



#31
Cyclohexane
Concen: 1.674 ug/l
RT: 5.56 min Scan# 722
Delta R.T. -0.02 min
Lab File: VX011586.D
Acq: 16 Aug 2019 17:11

Tgt Ion: 56 Resp: 10009
Ion Ratio Lower Upper
56 100
69 27.3 24.8 37.2
84 70.2 67.9 101.9





#33

1,2-Dichloroethane-d4

Concen: 50.380 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011586.D

Acq: 16 Aug 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

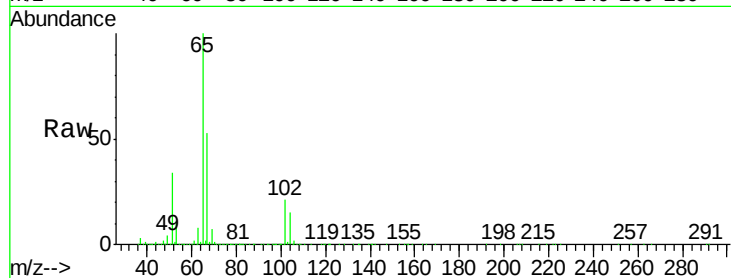
SP-6

Tot Ion: 65 Resp: 203108

Ion Ratio Lower Upper

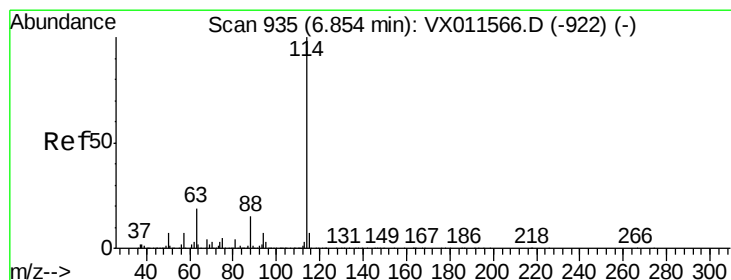
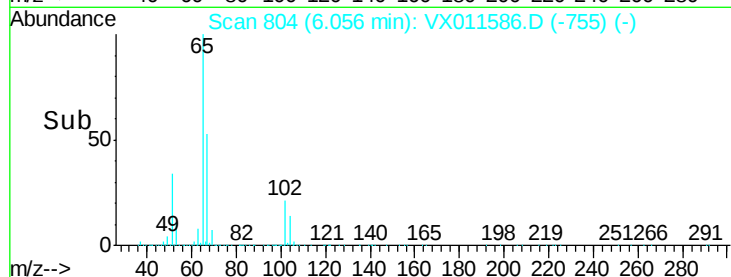
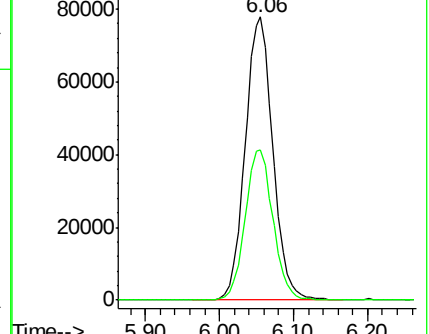
65 100

67 53.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011586.D

Acq: 16 Aug 2019 17:11

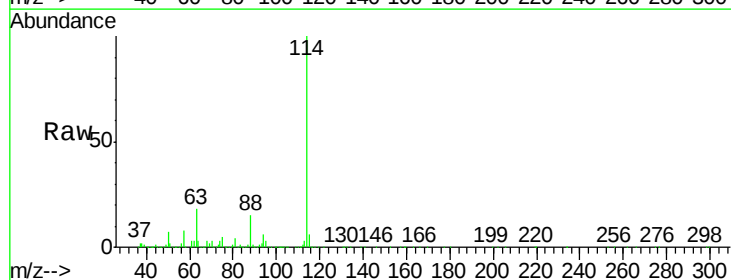
Tgt Ion: 114 Resp: 598249

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.8

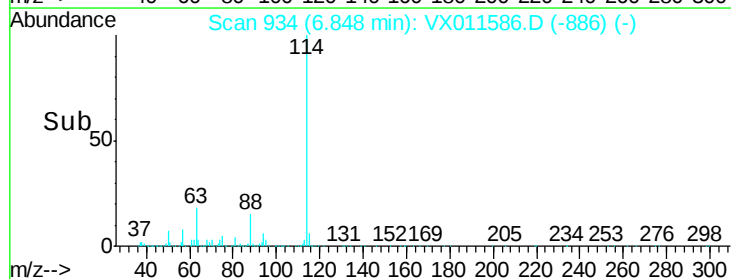
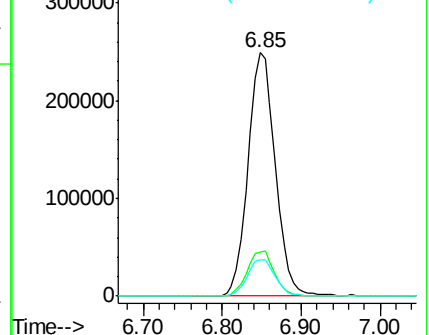
88 15.0 0.0 30.2

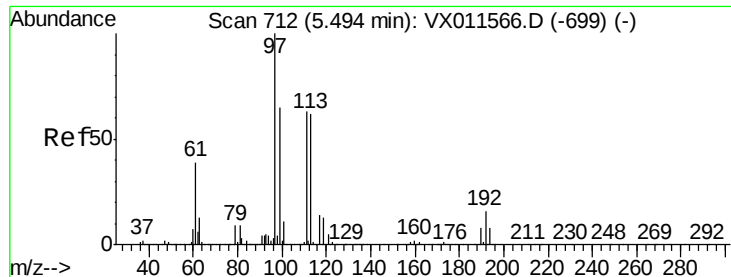


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.015 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011586.D

Acq: 16 Aug 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

SP-6

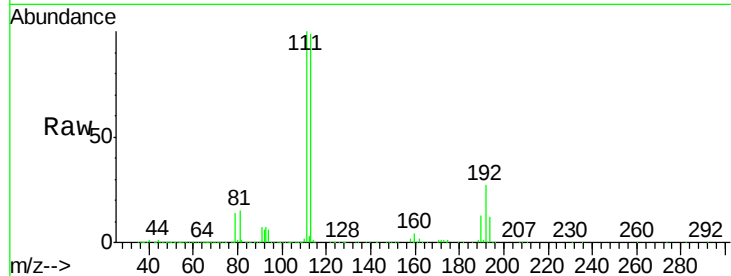
Tot Ion:113 Resp: 168314

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

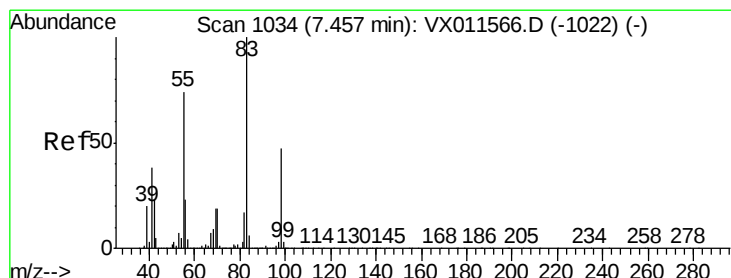
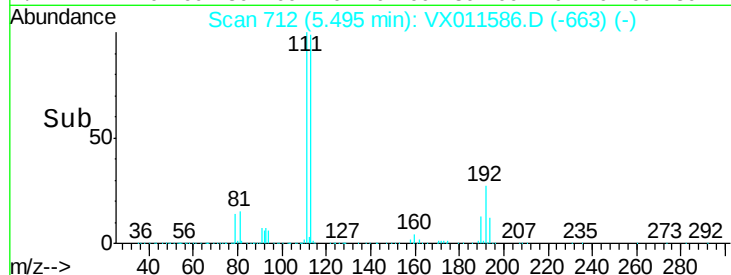
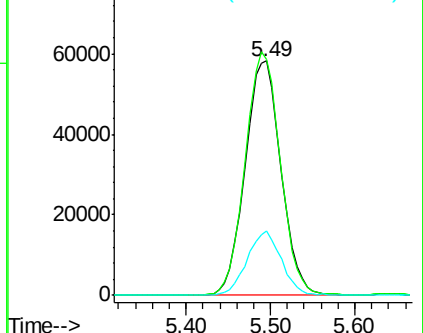
192 26.2 20.8 31.2



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

Methylcyclohexane

Concen: 1.199 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX011586.D

Acq: 16 Aug 2019 17:11

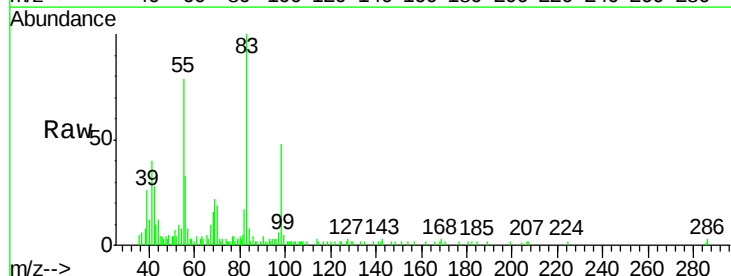
Tgt Ion: 83 Resp: 7573

Ion Ratio Lower Upper

83 100

55 75.9 58.8 88.2

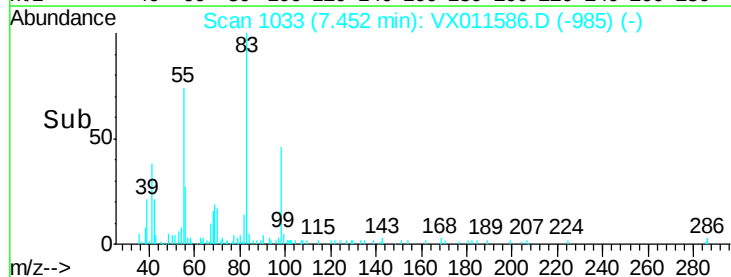
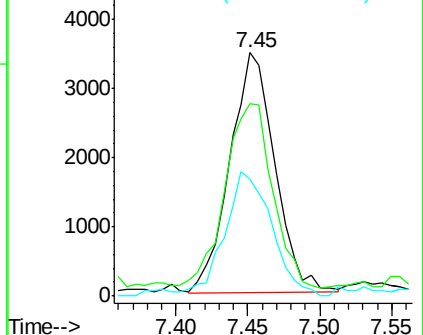
98 45.9 37.8 56.6

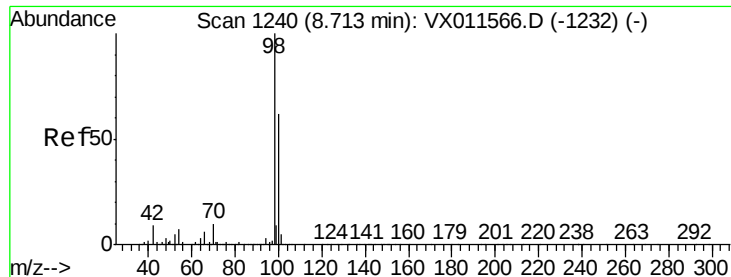


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 56.004 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011586.D

Acq: 16 Aug 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

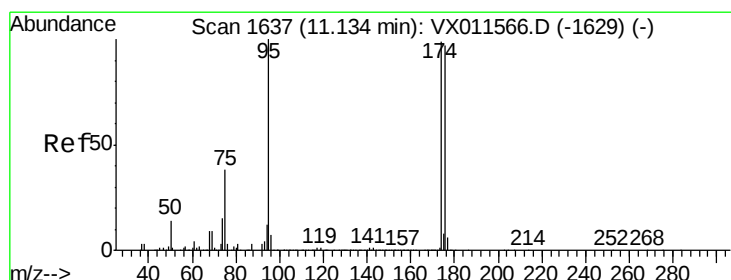
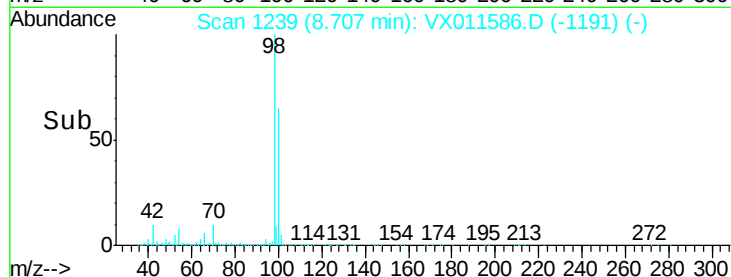
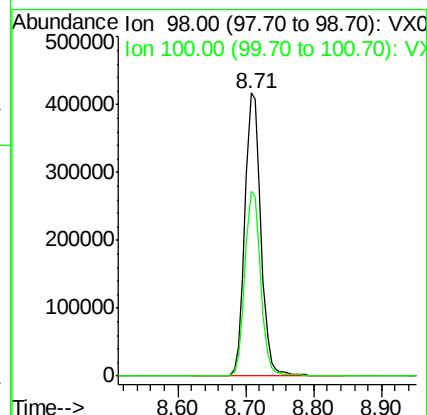
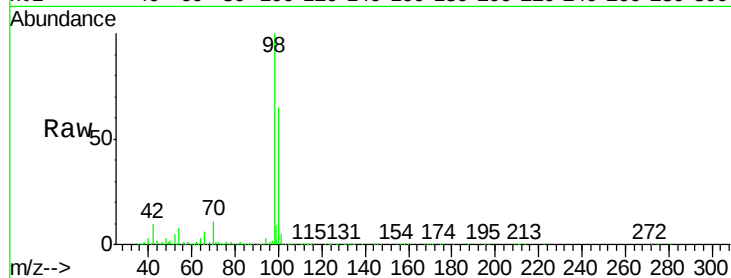
SP-6

Tot Ion: 98 Resp: 682812

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.884 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011586.D

Acq: 16 Aug 2019 17:11

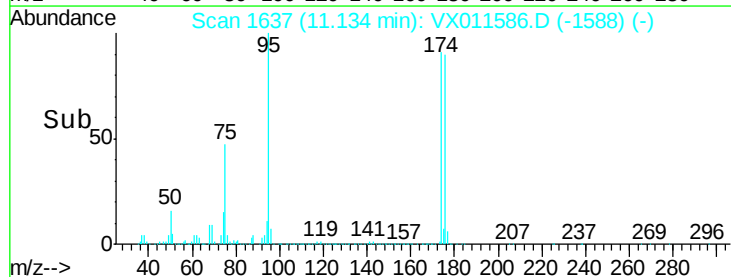
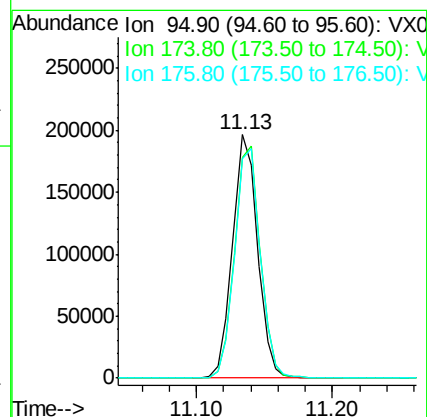
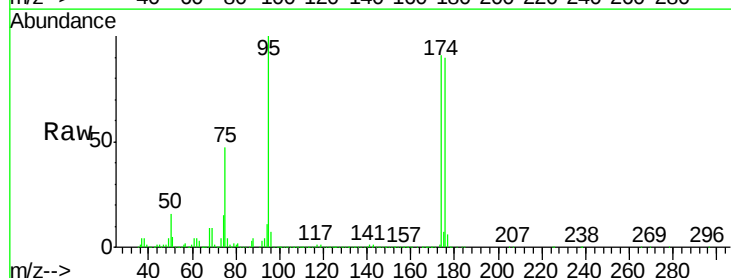
Tgt Ion: 95 Resp: 251562

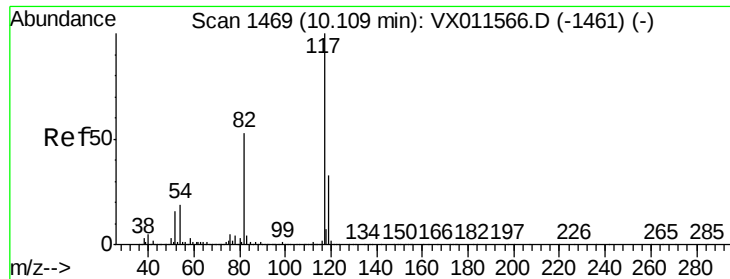
Ion Ratio Lower Upper

95 100

174 98.1 0.0 200.6

176 96.8 0.0 196.6

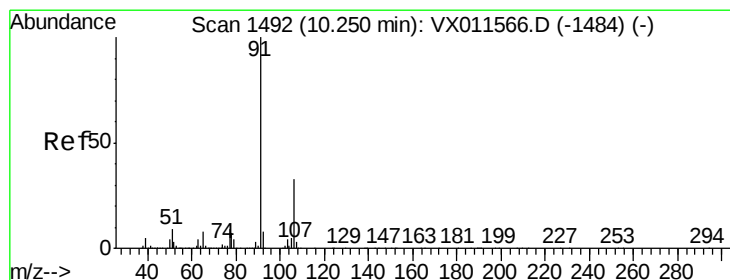
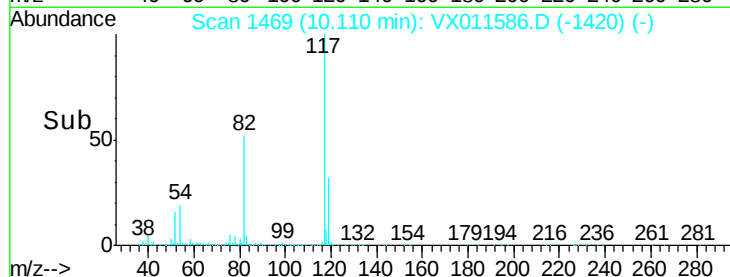
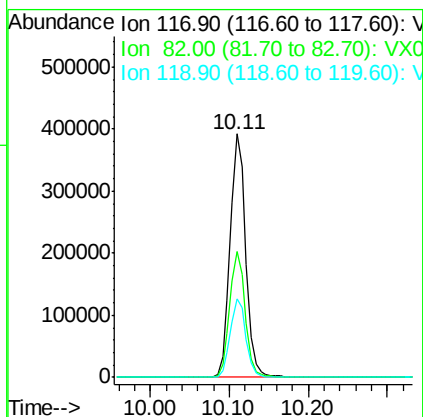
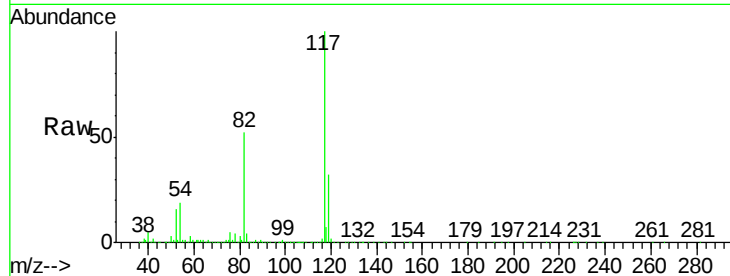




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011586.D
Acq: 16 Aug 2019 17:11

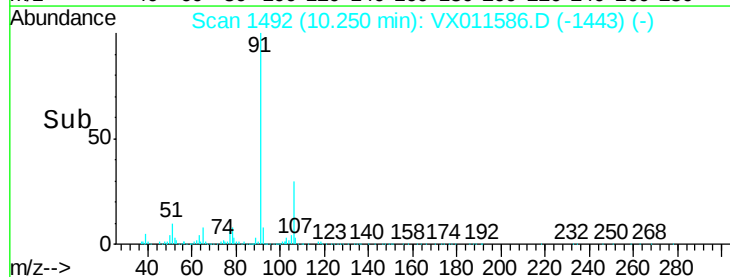
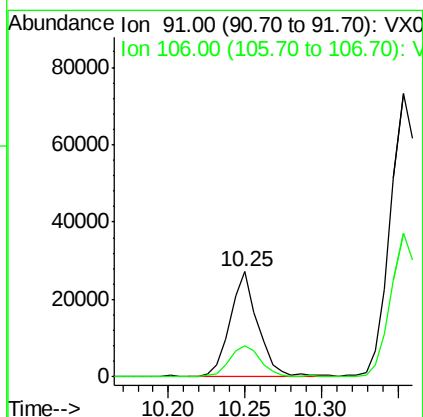
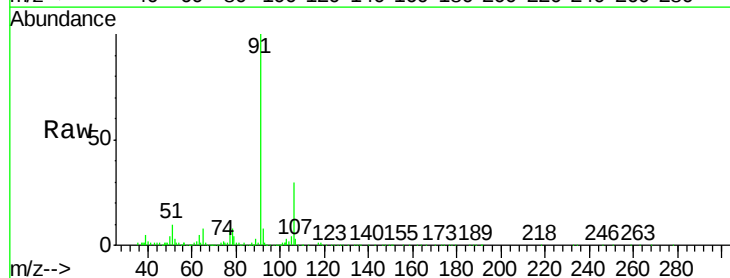
Instrument :
MSVOA_X
ClientSampled :
SP-6

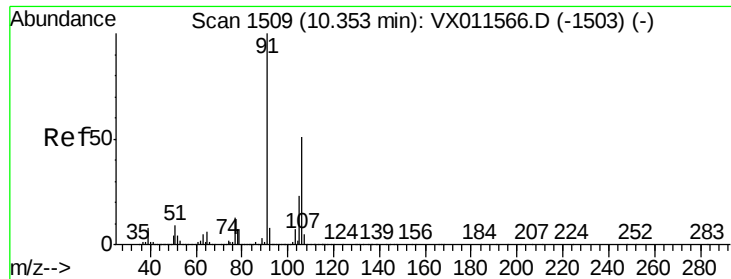
Tot Ion:117 Resp: 538252
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 32.4 26.5 39.7



#67
Ethyl Benzene
Concen: 1.760 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011586.D
Acq: 16 Aug 2019 17:11

Tgt Ion: 91 Resp: 33721
Ion Ratio Lower Upper
91 100
106 29.5 26.0 39.0

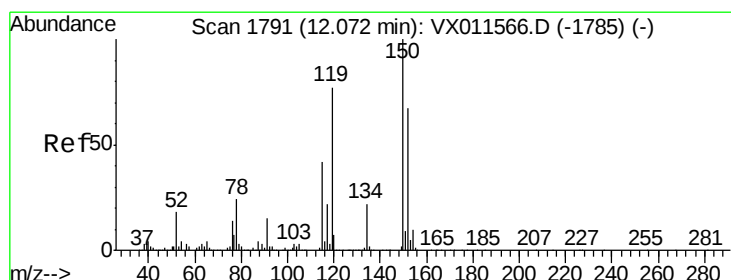
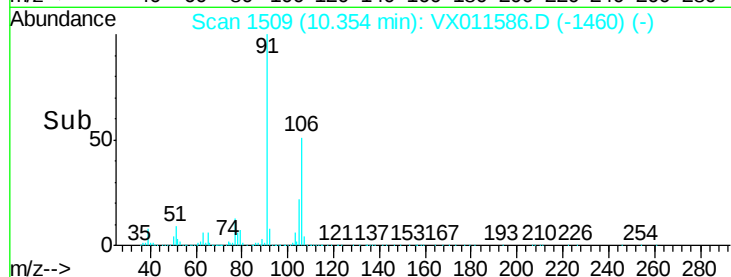
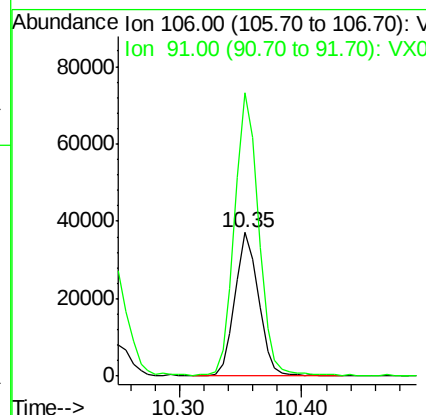
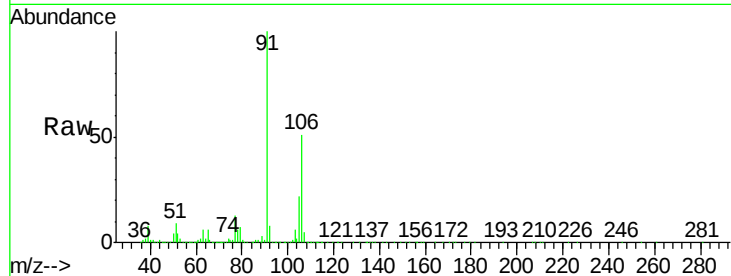




#68
m/p-Xvlenes
Concen: 6.704 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011586.D
Acq: 16 Aug 2019 17:11

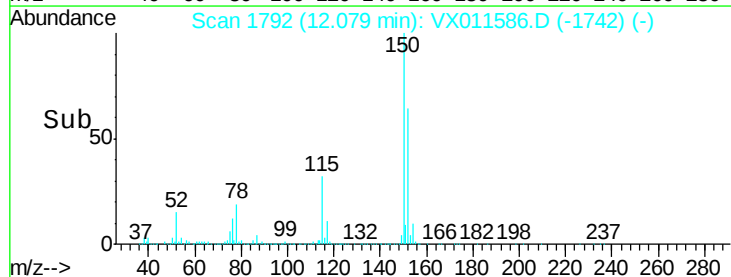
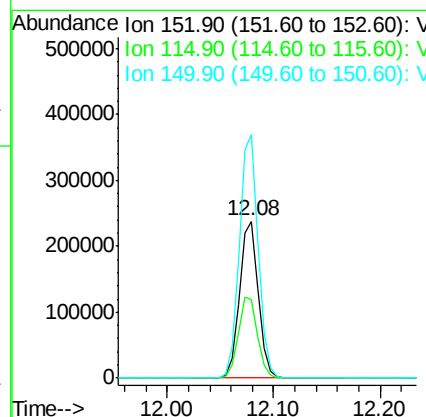
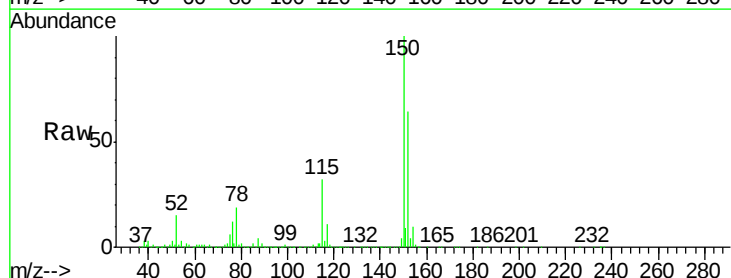
Instrument :
MSVOA_X
ClientSampleId :
SP-6

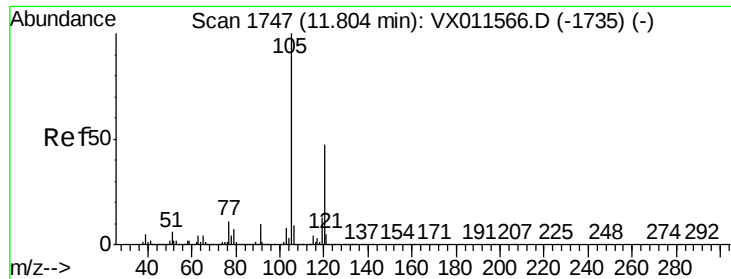
Tot Ion:106 Resp: 49302
Ion Ratio Lower Upper
106 100
91 200.3 156.0 234.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011586.D
Acq: 16 Aug 2019 17:11

Tgt Ion:152 Resp: 292799
Ion Ratio Lower Upper
152 100
115 52.8 37.3 111.9
150 156.2 0.0 346.2





#84

1,2,4-Trimethylbenzene

Concen: 1.136 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011586.D

Acq: 16 Aug 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

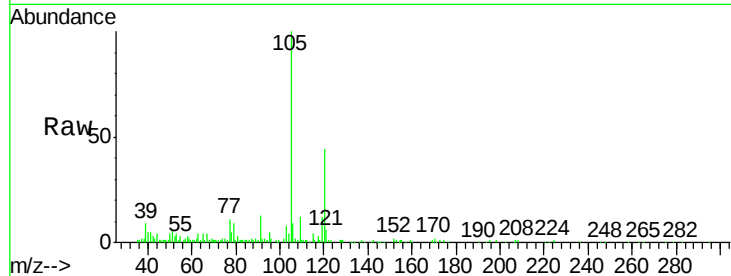
SP-6

Tot Ion:105 Resp: 18200

Ion Ratio Lower Upper

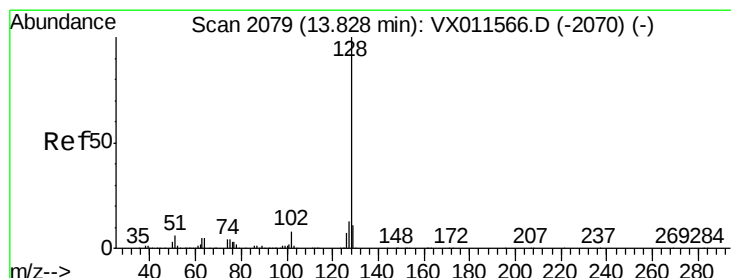
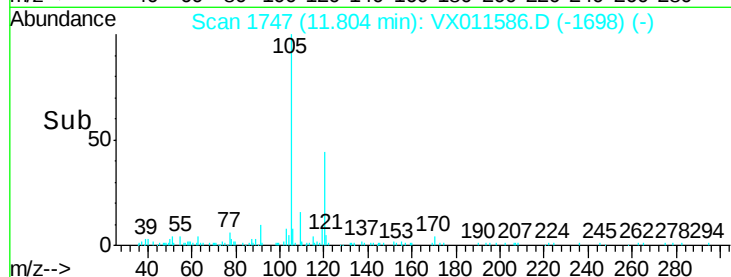
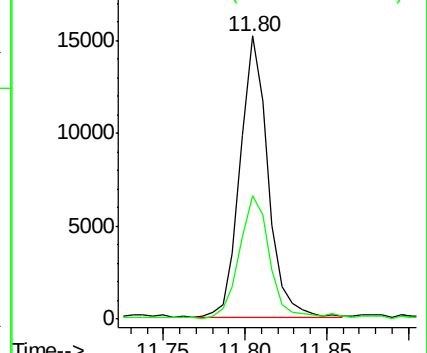
105 100

120 48.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.051 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX011586.D

Acq: 16 Aug 2019 17:11

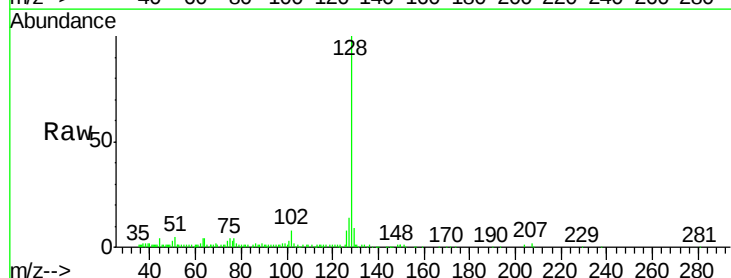
Tgt Ion:128 Resp: 21587

Ion Ratio Lower Upper

128 100

127 14.3 10.3 15.5

129 12.6 8.7 13.1



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

