

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006204.D
 Acq On : 27 Nov 2018 04:57
 Operator : JC/MD
 Sample : J6044-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30002

Quant Time: Nov 27 09:38:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205047	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	177634	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
35) Dibromofluoromethane	5.50	113	140068	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
50) Toluene-d8	8.71	98	515361	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	187089	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	

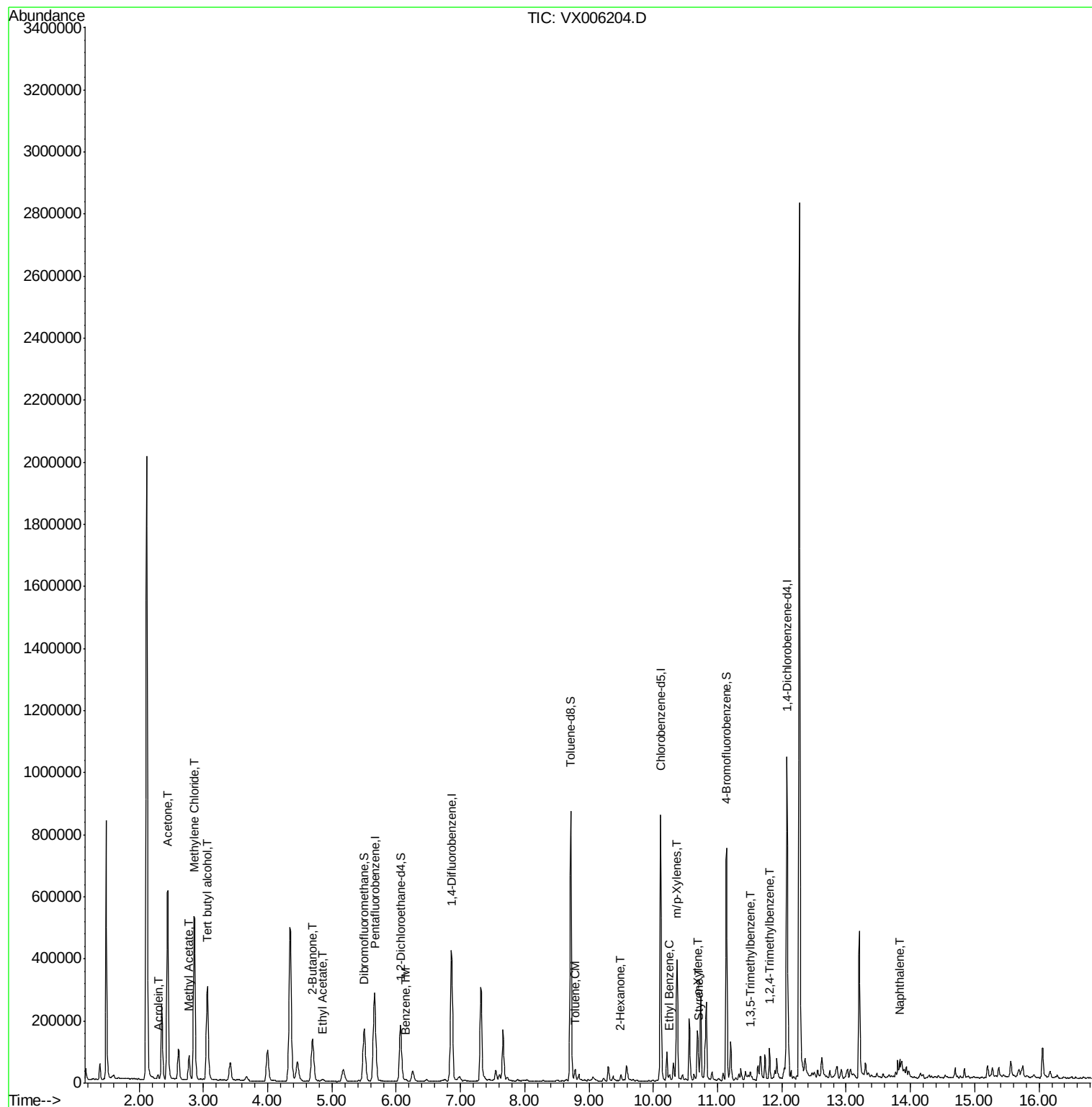
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	369838	534.88	ug/l	98
13) Acrolein	2.29	56	10546	25.49	ug/l	99
16) Acetone	2.45	43	662682	459.45	ug/l	95
18) Methyl Acetate	2.78	43	93833	25.37	ug/l	99
20) Methylene Chloride	2.85	84	235253	108.17	ug/l	99
25) 2-Butanone	4.70	43	252401	94.28	ug/l	100
37) Ethyl Acetate	4.85	43	13689	2.81	ug/l	97
40) Benzene	6.15	78	6071	0.54	ug/l	100
52) Toluene	8.79	92	9980	1.45	ug/l	99
59) 2-Hexanone	9.49	43	11322	2.83	ug/l	98
67) Ethyl Benzene	10.25	91	8651	0.65	ug/l	98
68) m/p-Xylenes	10.36	106	18726	3.63	ug/l	97
69) o-Xylene	10.70	106	11124	2.26	ug/l	99
70) Styrene	10.71	104	5026	0.62	ug/l #	71
80) 1,3,5-Trimethylbenzene	11.51	105	10454	1.00	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	31795	2.98	ug/l	86
95) Naphthalene	13.83	128	29300	2.16	ug/l #	95

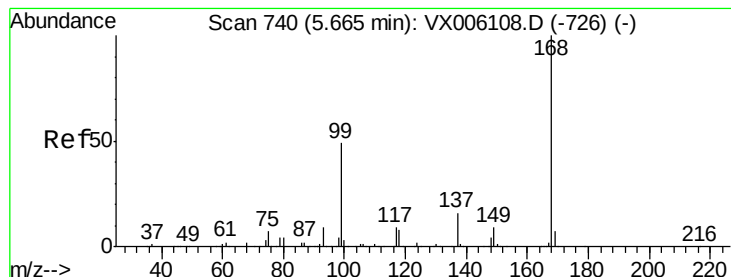
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006204.D
Acq On : 27 Nov 2018 04:57
Operator : JC/MD
Sample : J6044-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
30002

Quant Time: Nov 27 09:38:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

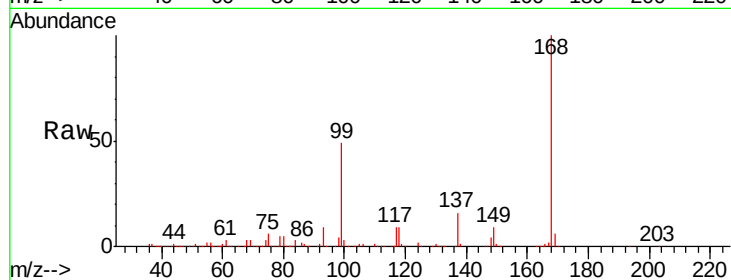
30002

Tgt Ion:168 Resp: 280504

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

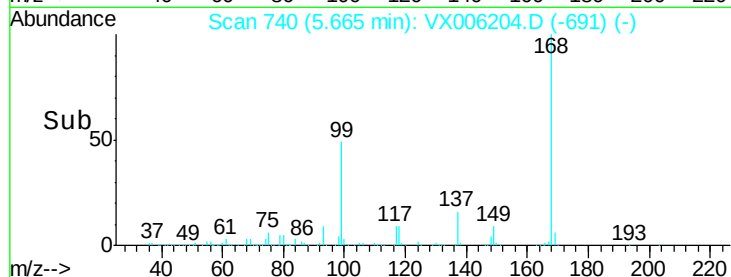
40000

20000

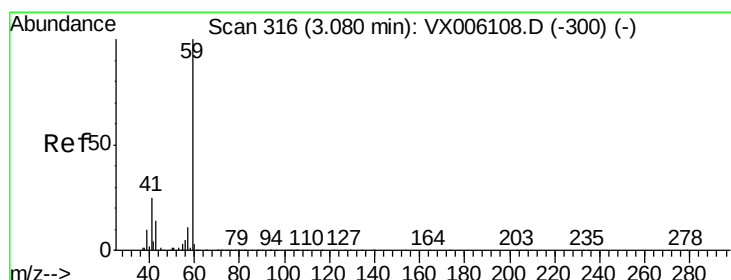
0

5.67

5.60 5.65 5.70 5.75 5.80



Time-->



#11

Tert butyl alcohol

Concen: 534.88 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX006204.D

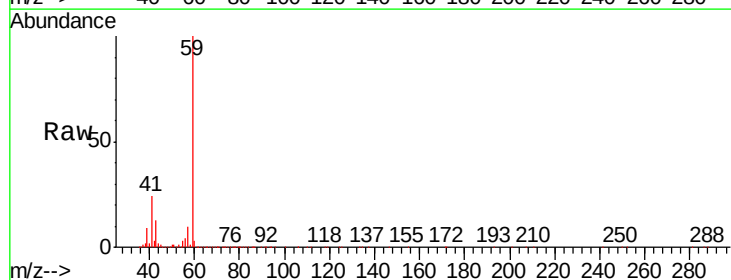
Acq: 27 Nov 2018 04:57

Tgt Ion: 59 Resp: 369838

Ion Ratio Lower Upper

59 100

57 10.0 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

200000

150000

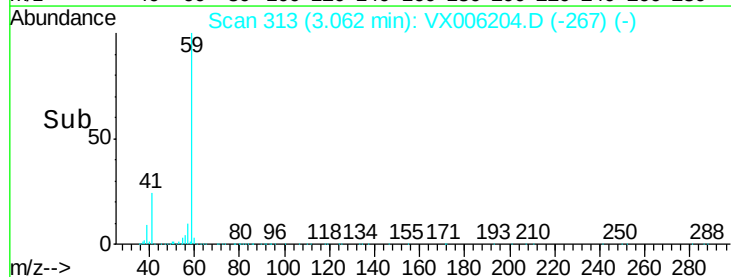
100000

50000

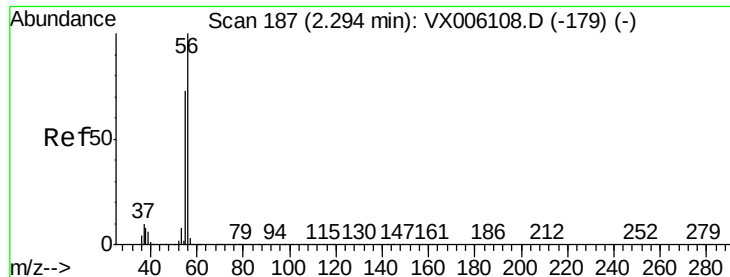
0

3.06

2.90 3.00 3.10 3.20



Time-->



#13

Acrolein

Concen: 25.49 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

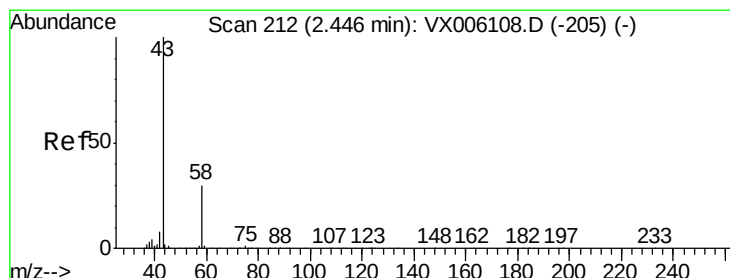
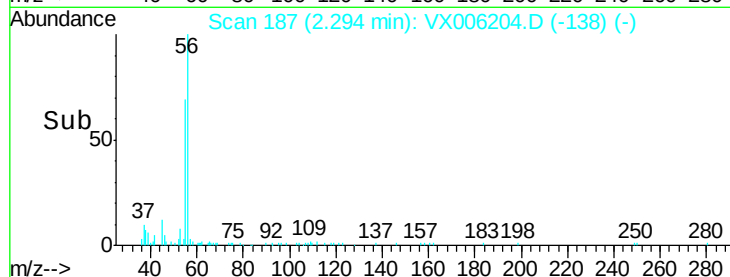
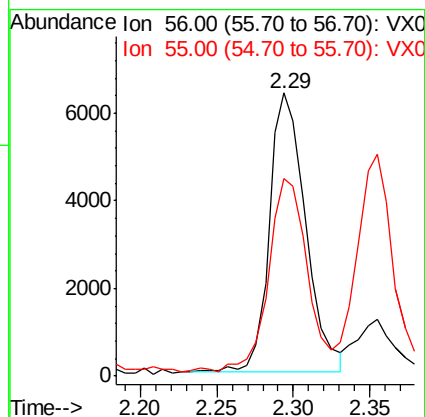
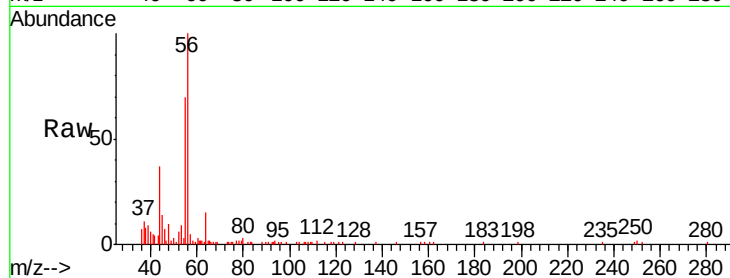
30002

Tgt Ion: 56 Resp: 10546

Ion Ratio Lower Upper

56 100

55 73.0 57.8 86.6



#16

Acetone

Concen: 459.45 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006204.D

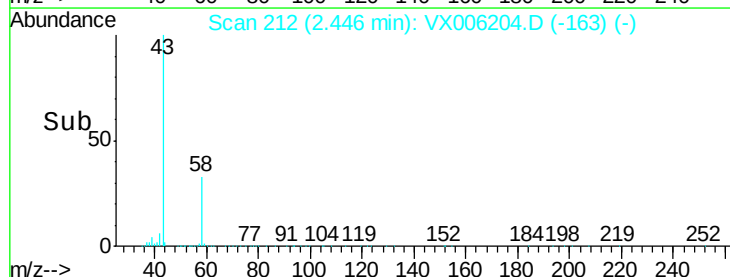
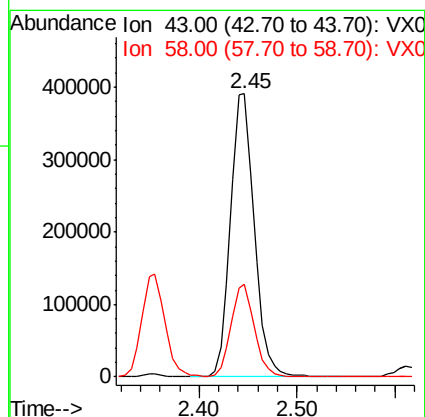
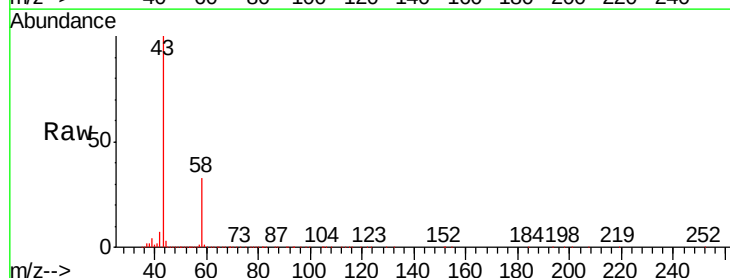
Acq: 27 Nov 2018 04:57

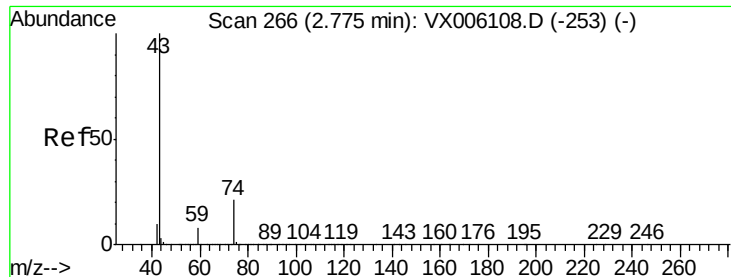
Tgt Ion: 43 Resp: 662682

Ion Ratio Lower Upper

43 100

58 32.5 23.8 35.8

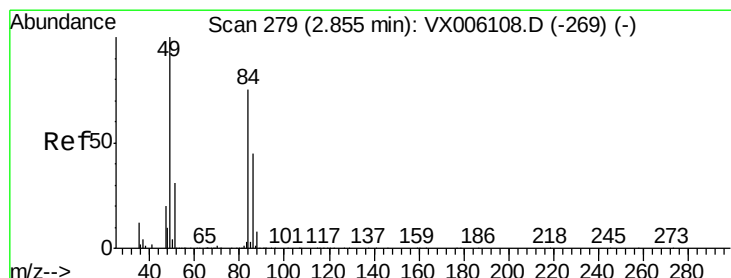
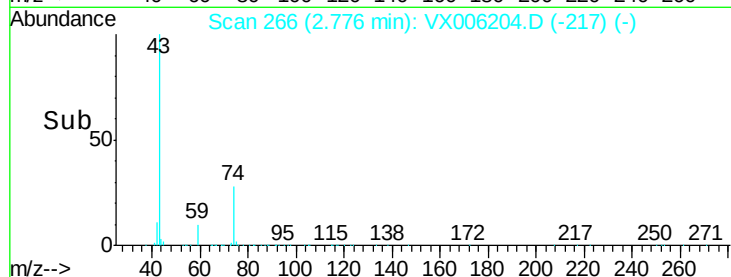
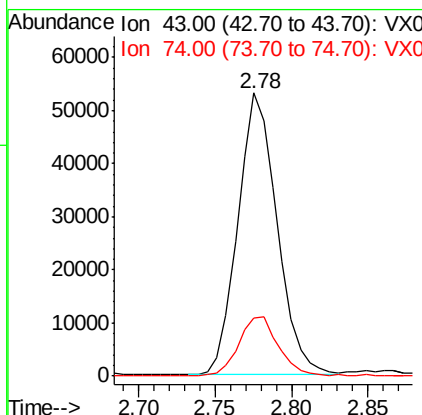
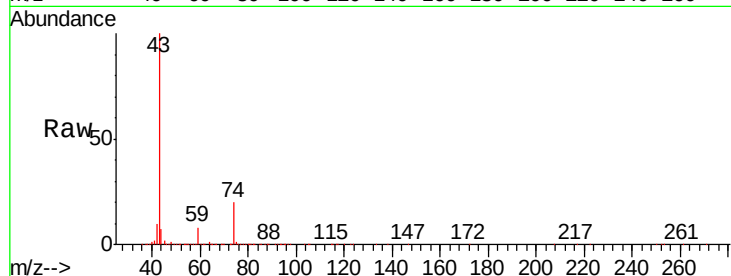




#18
Methyl Acetate
Concen: 25.37 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

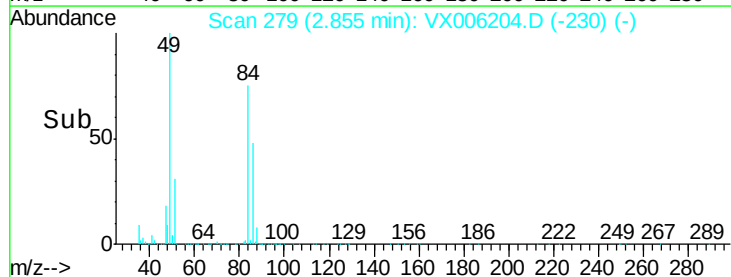
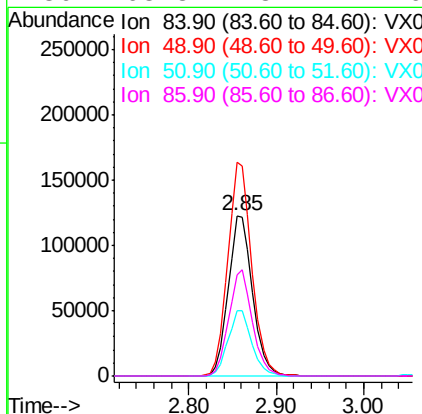
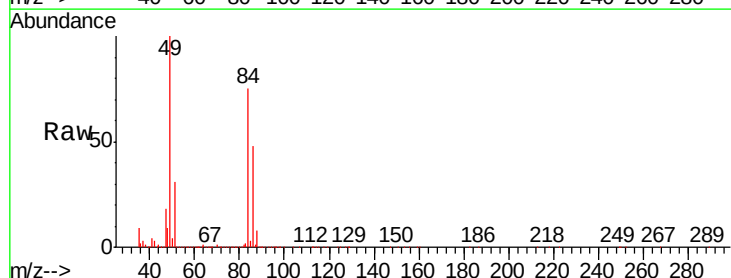
Instrument :
MSVOA_X
ClientSampleId :
30002

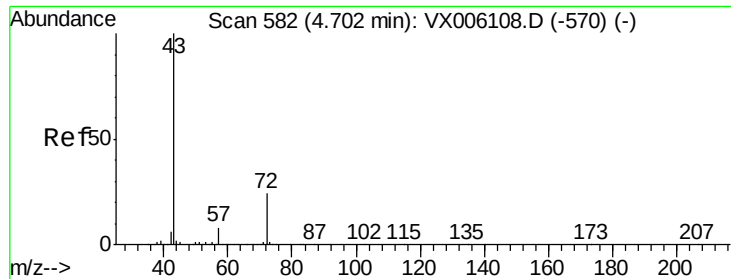
Tgt Ion: 43 Resp: 93833
Ion Ratio Lower Upper
43 100
74 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 108.17 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Tgt Ion: 84 Resp: 235253
Ion Ratio Lower Upper
84 100
49 133.1 106.6 159.8
51 40.9 32.6 49.0
86 63.3 48.4 72.6





#25

2-Butanone

Concen: 94.28 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

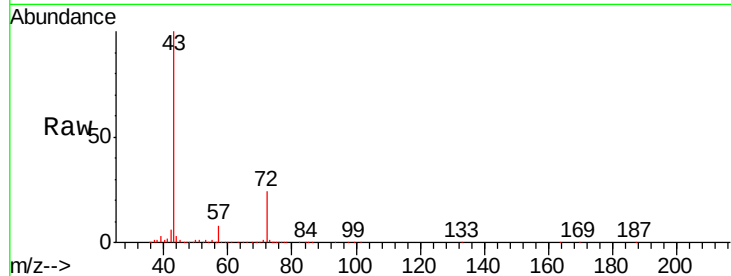
30002

Tgt Ion: 43 Resp: 252401

Ion Ratio Lower Upper

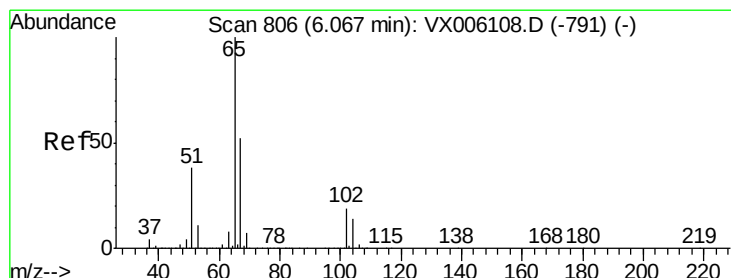
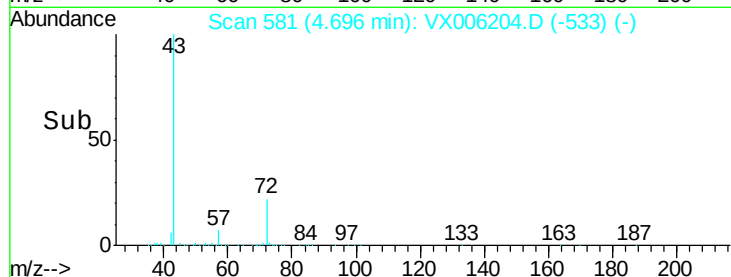
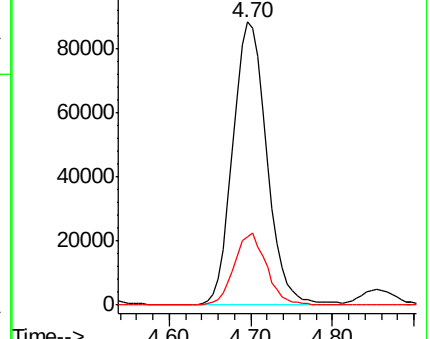
43 100

72 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX006108.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX006108.D (-570) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.65 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006204.D

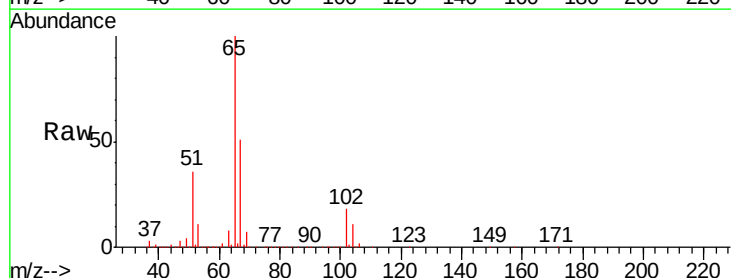
Acq: 27 Nov 2018 04:57

Tgt Ion: 65 Resp: 177634

Ion Ratio Lower Upper

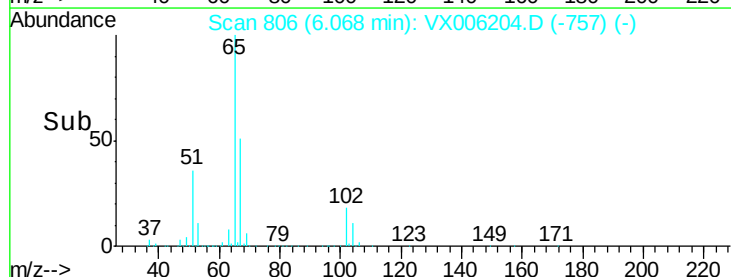
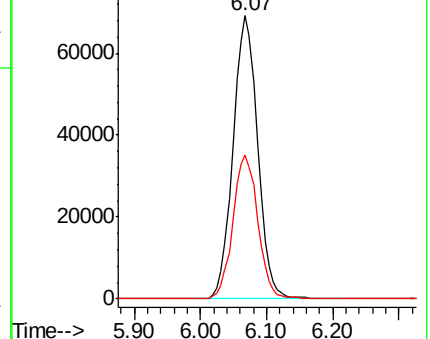
65 100

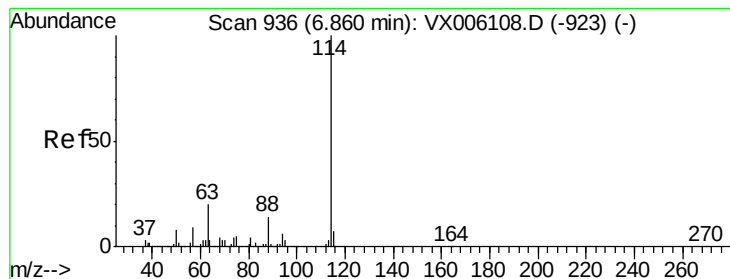
67 51.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX006108.D (-791) (-)

Ion 66.90 (66.60 to 67.60): VX006108.D (-791) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

30002

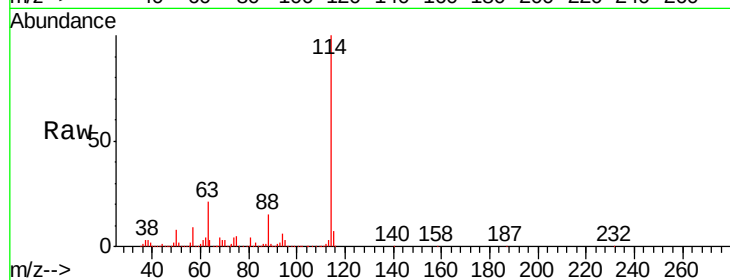
Tgt Ion:114 Resp: 416297

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

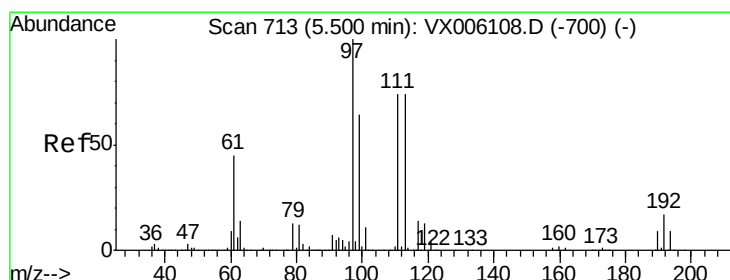
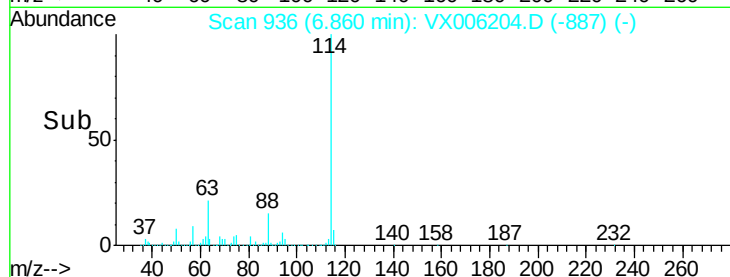
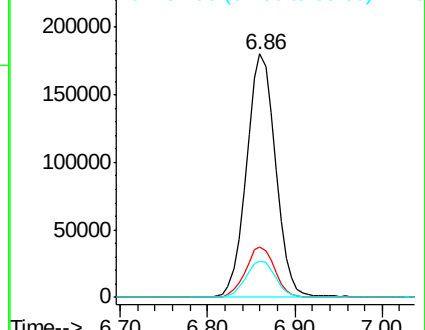
88 14.9 0.0 28.6



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: 52.42 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

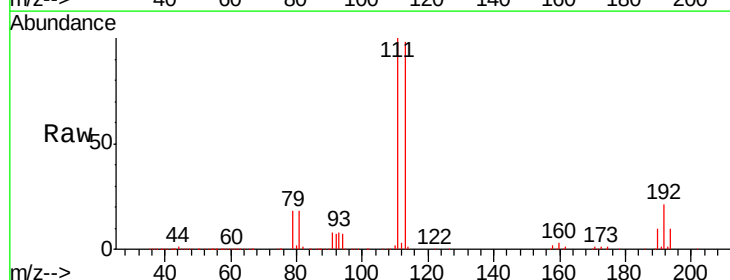
Tgt Ion:113 Resp: 140068

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

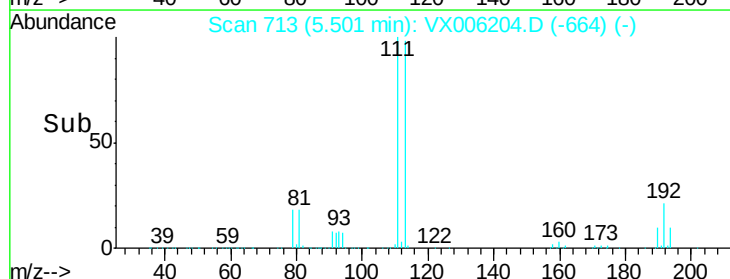
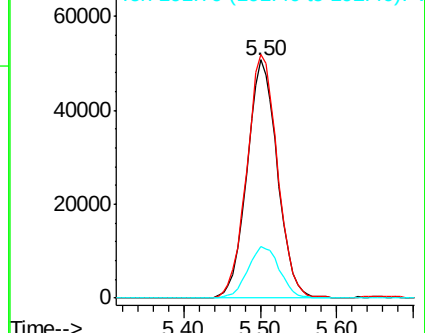
192 22.7 18.6 28.0

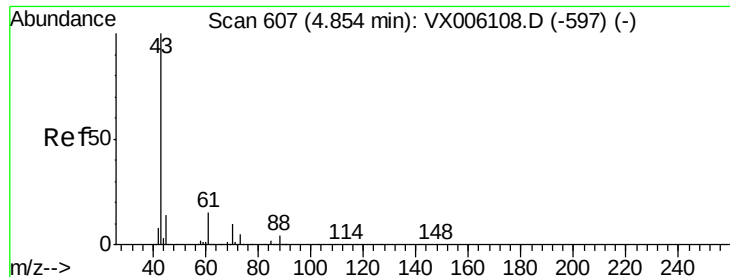


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

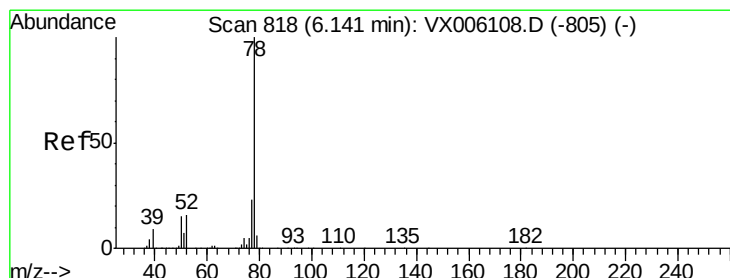
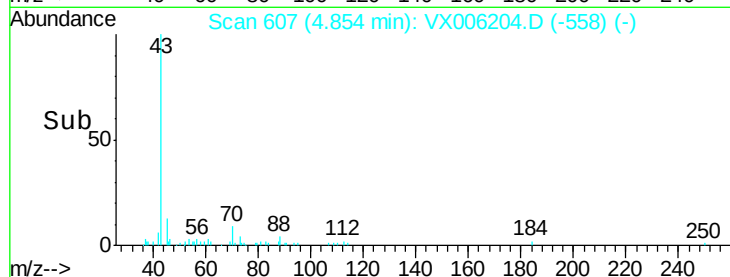
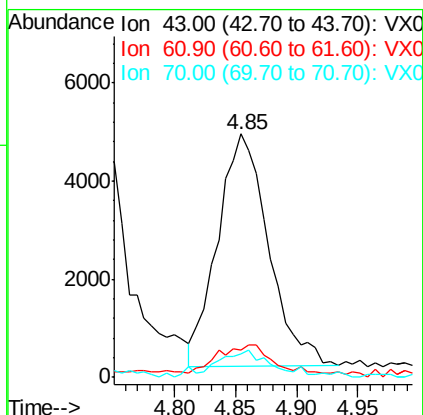
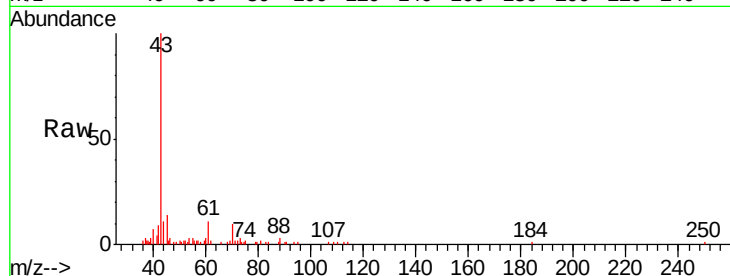




#37
Ethyl Acetate
Concen: 2.81 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

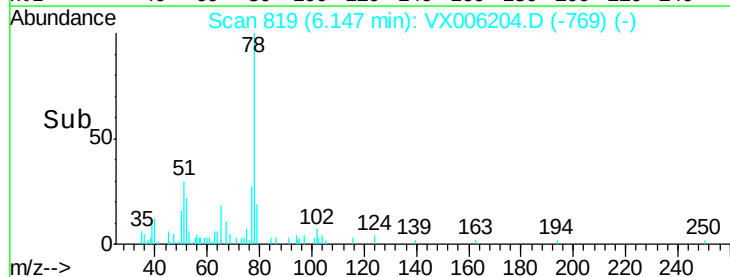
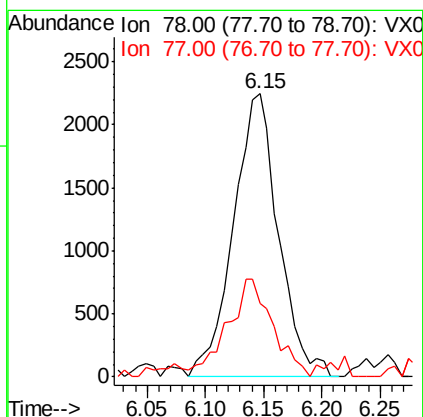
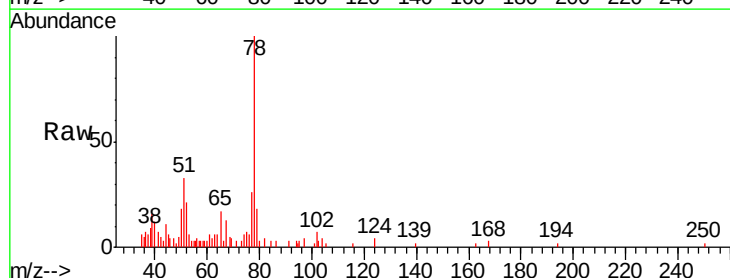
Instrument :
MSVOA_X
ClientSampleId :
30002

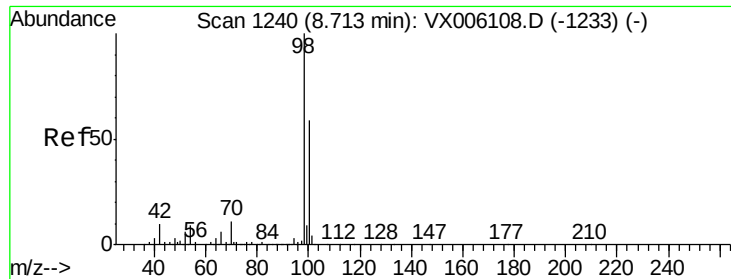
Tgt Ion: 43 Resp: 13689
Ion Ratio Lower Upper
43 100
61 12.5 10.5 15.7
70 11.9 7.9 11.9



#40
Benzene
Concen: 0.54 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Tgt Ion: 78 Resp: 6071
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#50

Toluene-d8

Concen: 50.56 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

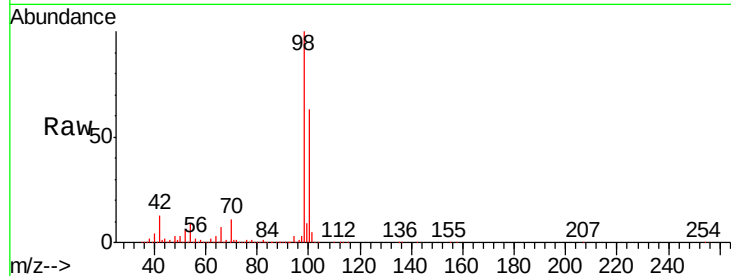
30002

Tgt Ion: 98 Resp: 515361

Ion Ratio Lower Upper

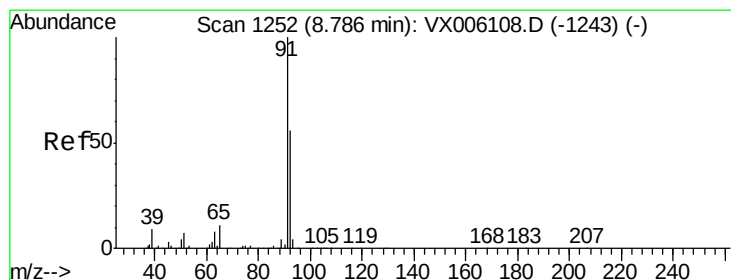
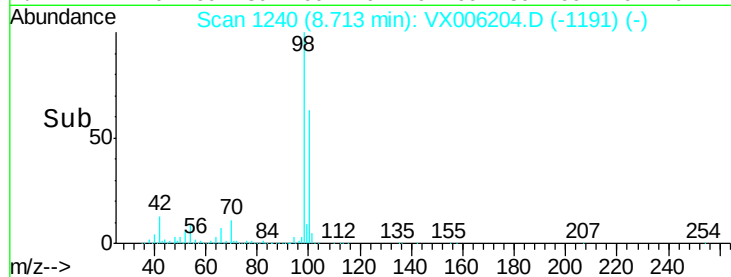
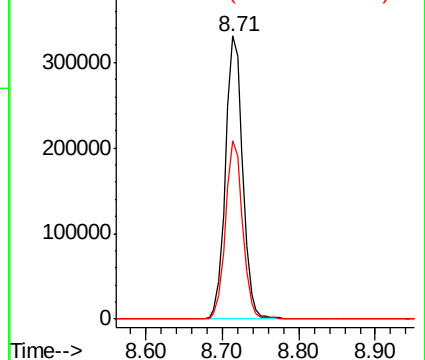
98 100

100 62.4 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 1.45 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006204.D

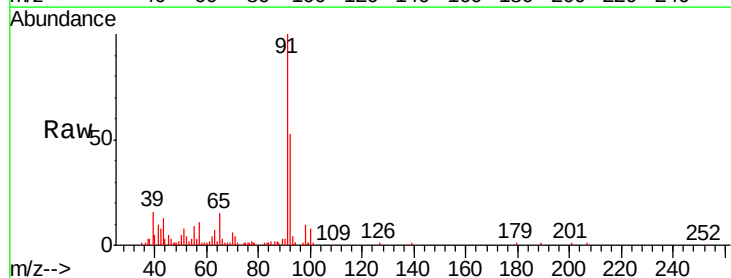
Acq: 27 Nov 2018 04:57

Tgt Ion: 92 Resp: 9980

Ion Ratio Lower Upper

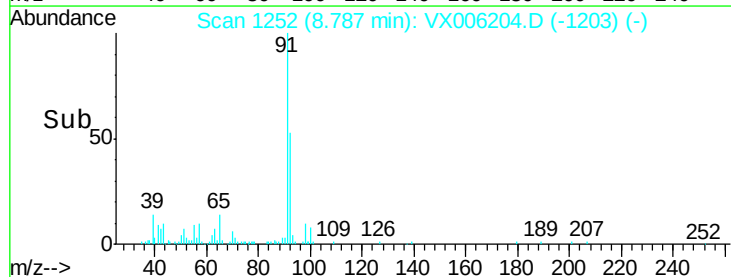
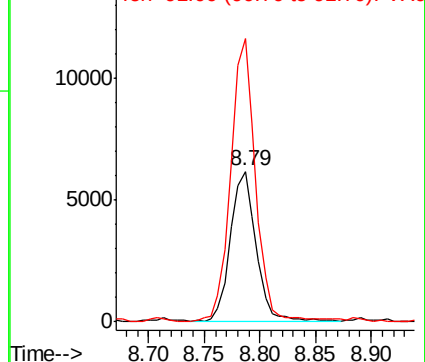
92 100

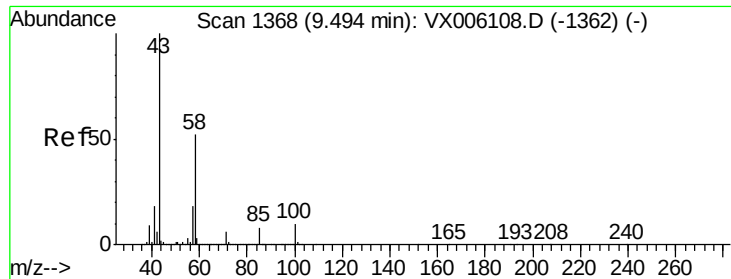
91 179.5 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

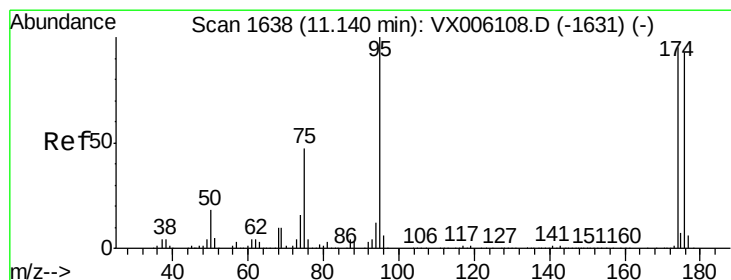
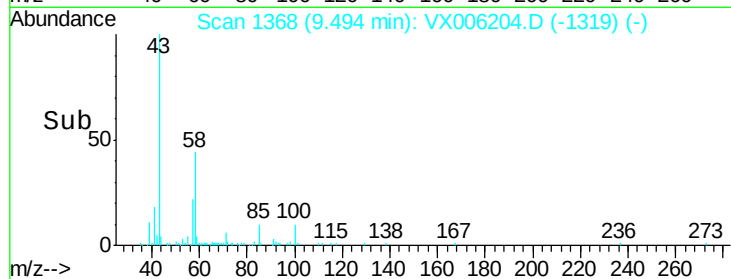
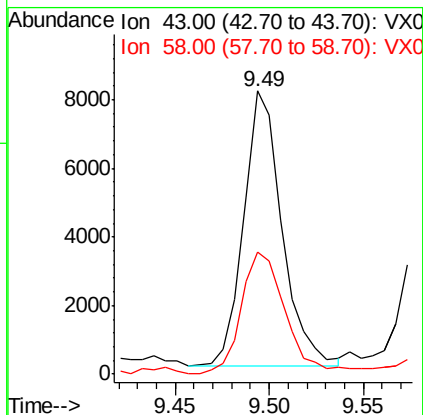
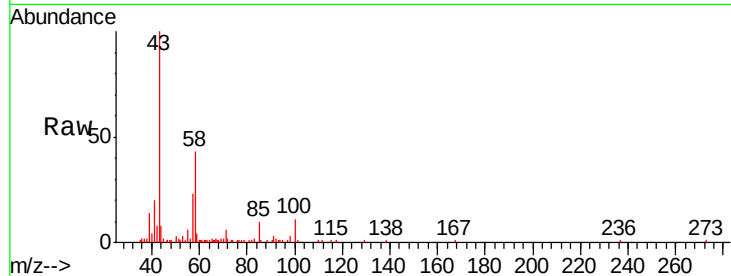




#59
2-Hexanone
Concen: 2.83 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

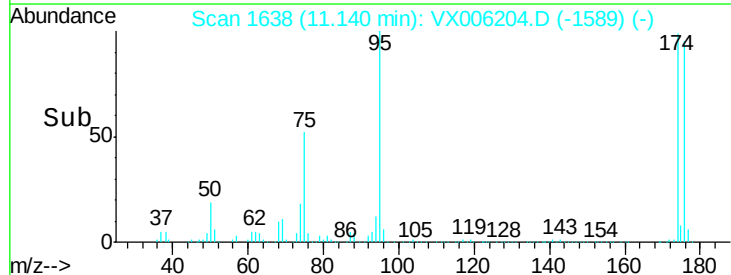
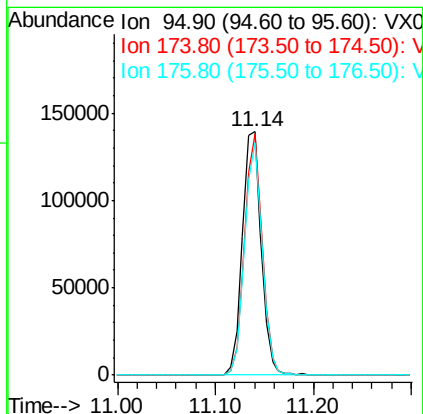
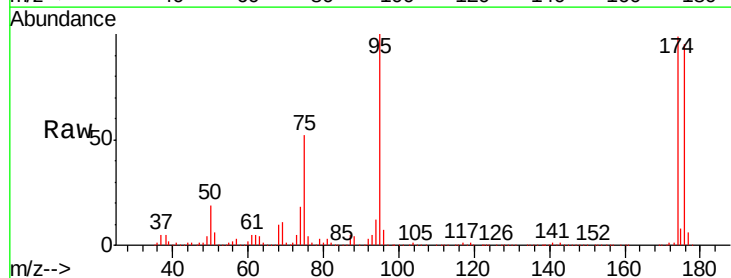
Instrument :
MSVOA_X
ClientSampleId :
30002

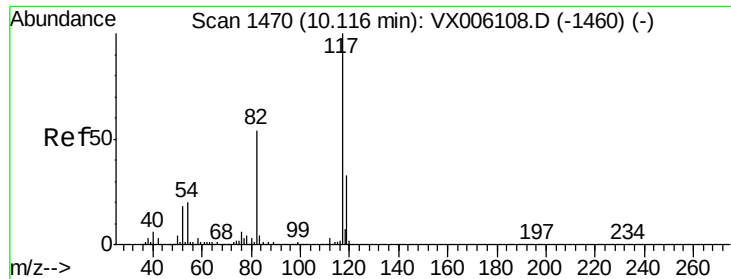
Tgt Ion: 43 Resp: 11322
Ion Ratio Lower Upper
43 100
58 51.0 26.3 78.9



#62
4-Bromofluorobenzene
Concen: 48.92 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Tgt Ion: 95 Resp: 187089
Ion Ratio Lower Upper
95 100
174 93.7 0.0 184.4
176 90.0 0.0 179.0

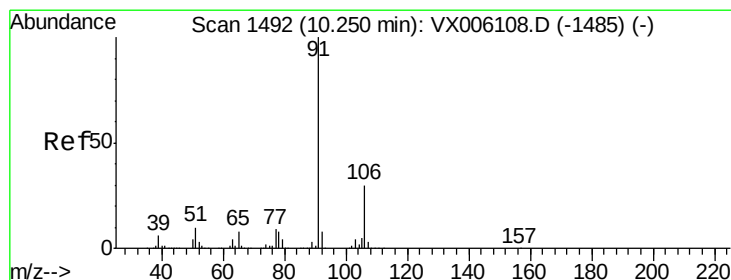
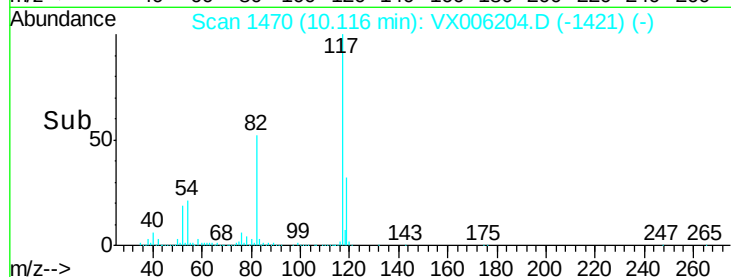
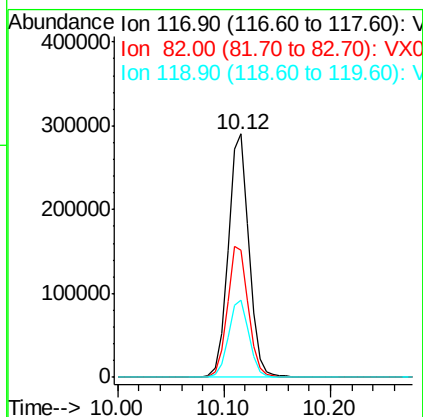
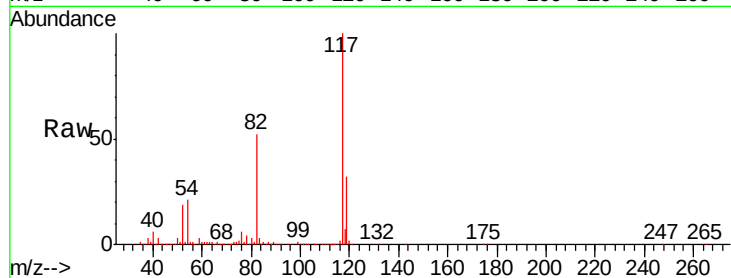




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

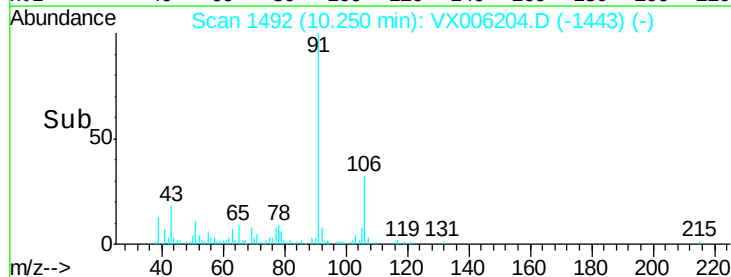
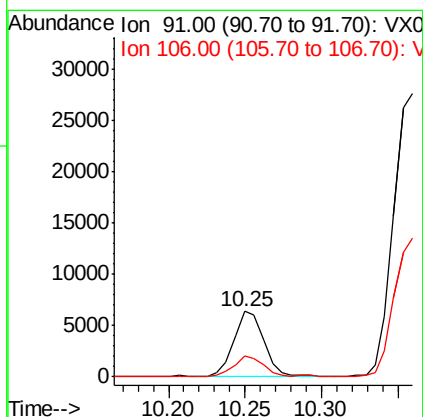
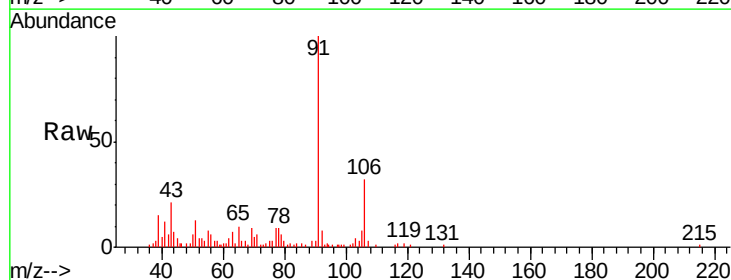
Instrument :
MSVOA_X
ClientSampleId :
30002

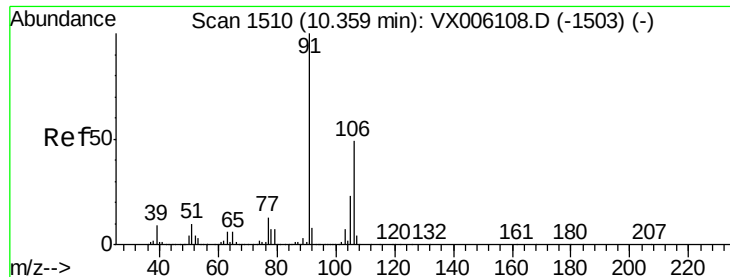
Tgt Ion: 117 Resp: 394813
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.5 26.1 39.1



#67
Ethyl Benzene
Concen: 0.65 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Tgt Ion: 91 Resp: 8651
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6





#68

m/p-Xylenes

Concen: 3.63 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

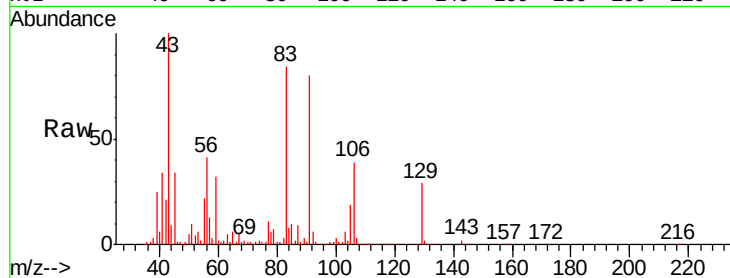
30002

Tgt Ion:106 Resp: 18726

Ion Ratio Lower Upper

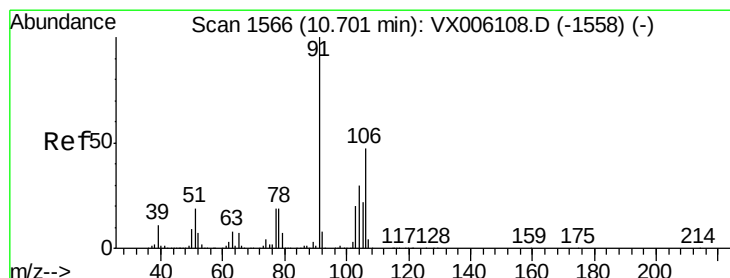
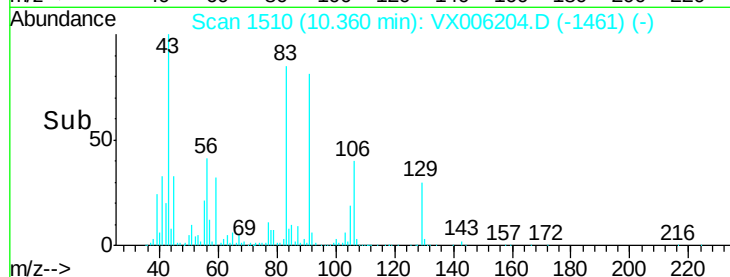
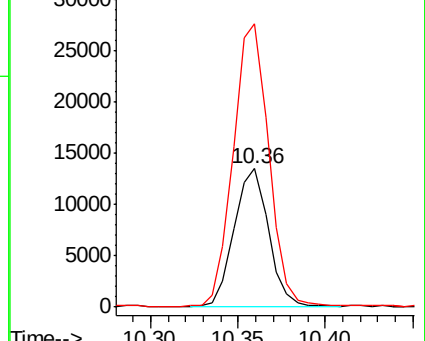
106 100

91 207.8 162.0 243.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 2.26 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006204.D

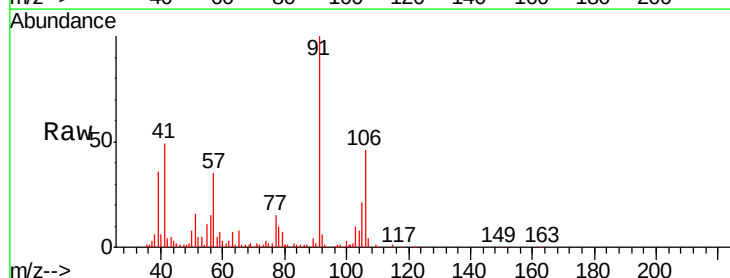
Acq: 27 Nov 2018 04:57

Tgt Ion:106 Resp: 11124

Ion Ratio Lower Upper

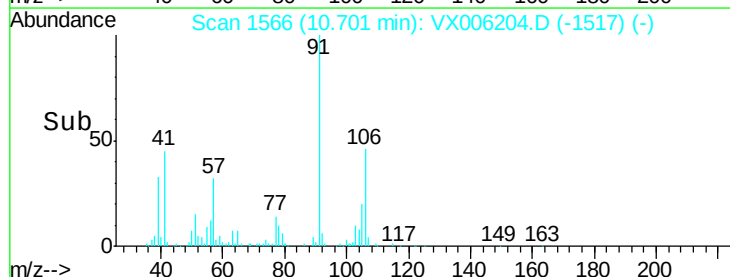
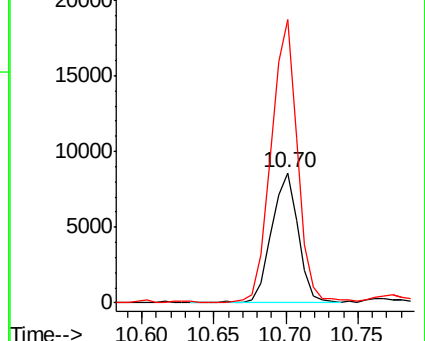
106 100

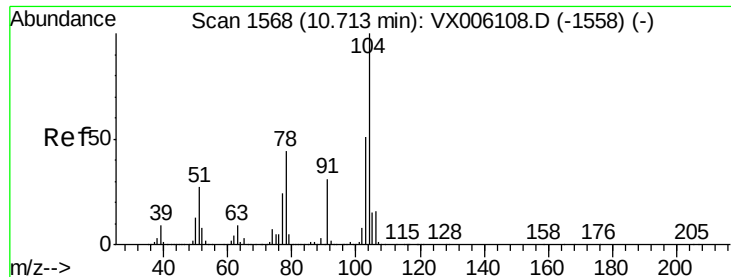
91 213.1 107.4 322.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 0.62 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

30002

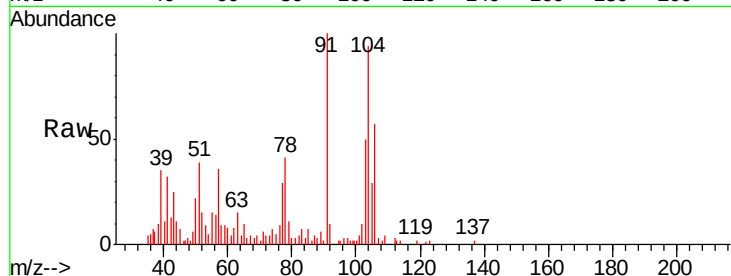
Tgt Ion:104 Resp: 5026

Ion Ratio Lower Upper

104 100

78 74.7 39.4 59.2#

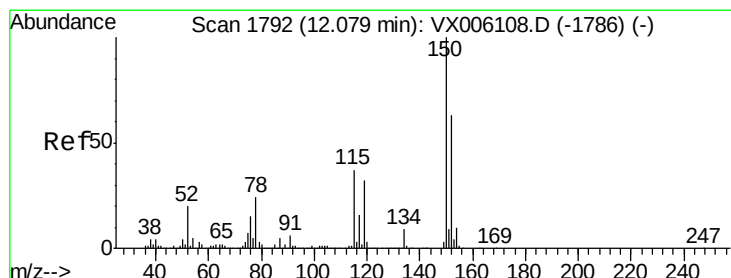
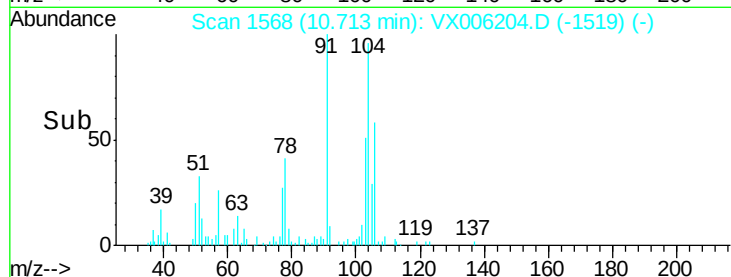
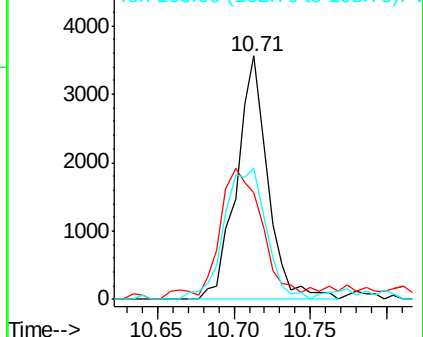
103 72.3 44.6 67.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

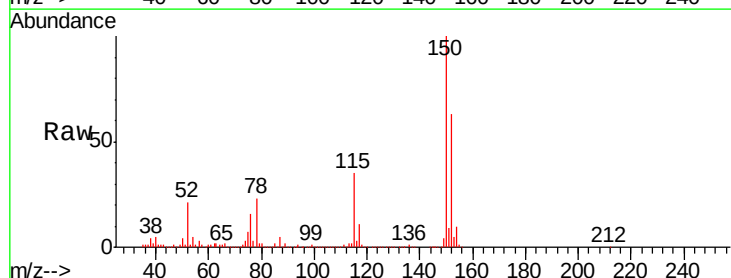
Tgt Ion:152 Resp: 205047

Ion Ratio Lower Upper

152 100

115 55.7 39.0 116.9

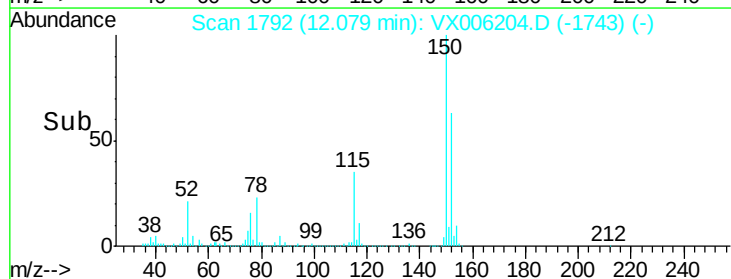
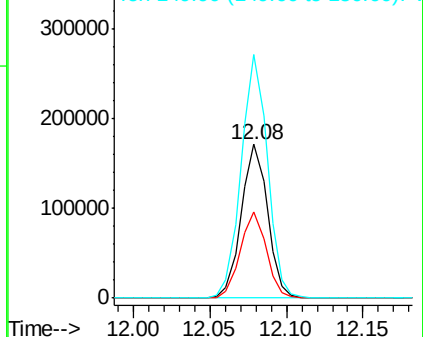
150 158.1 0.0 346.6

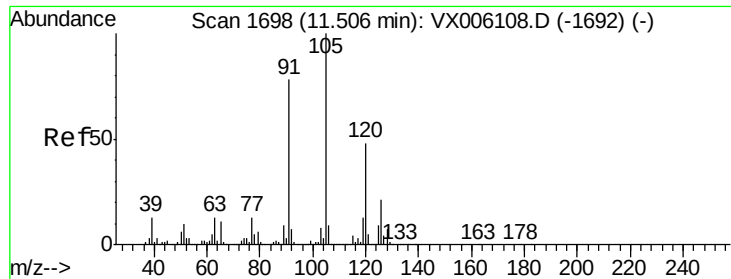


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.00 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

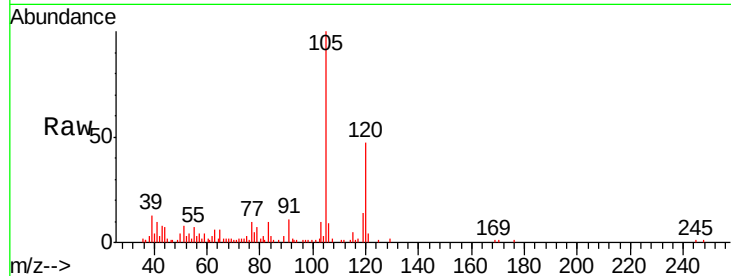
30002

Tgt Ion:105 Resp: 10454

Ion Ratio Lower Upper

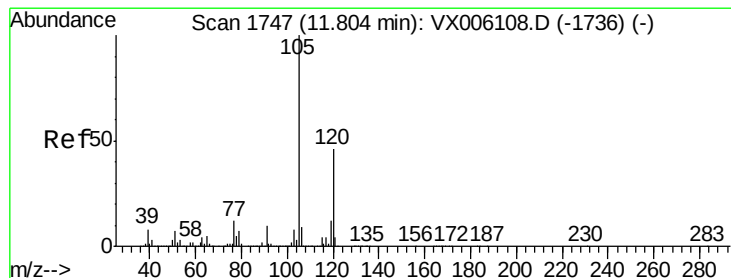
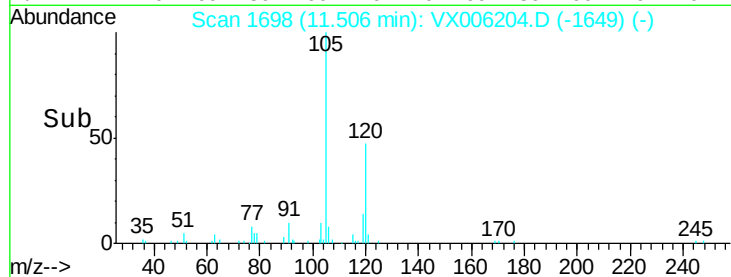
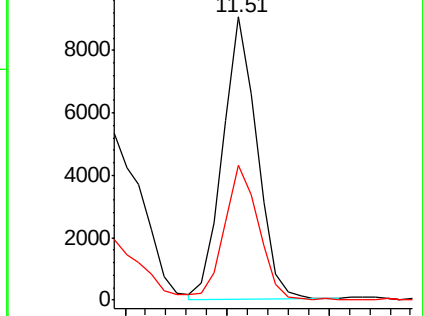
105 100

120 48.3 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.98 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006204.D

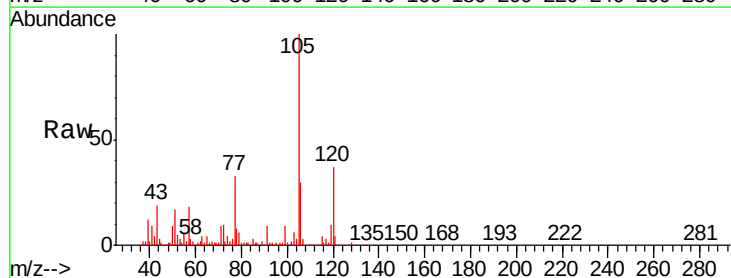
Acq: 27 Nov 2018 04:57

Tgt Ion:105 Resp: 31795

Ion Ratio Lower Upper

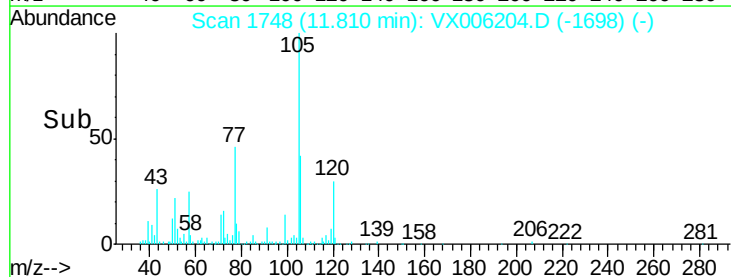
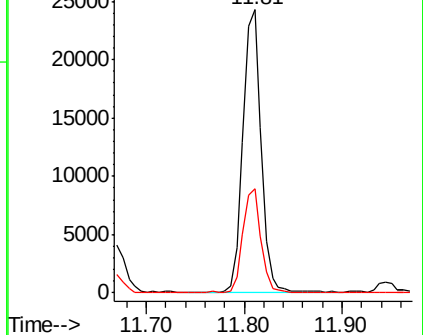
105 100

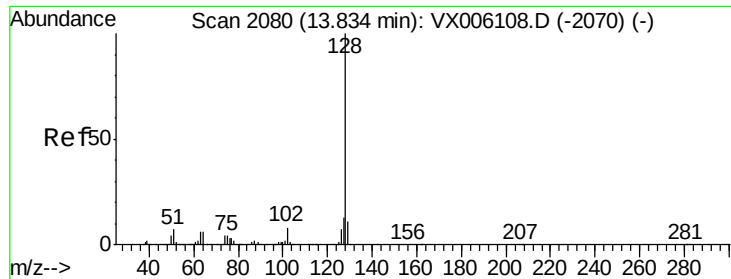
120 36.0 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.16 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

30002

Tgt Ion:128 Resp: 29300

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 14.5 8.8 13.2#

