

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004687.D
 Acq On : 19 Sep 2018 05:09
 Operator : JC/MD
 Sample : J4919-02DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILLDL

Quant Time: Sep 19 13:01:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210922	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	150384	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
35) Dibromofluoromethane	5.50	113	142722	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
50) Toluene-d8	8.71	98	463908	44.12	ug/l	0.00
Spiked Amount			Recovery	=	88.24%	
62) 4-Bromofluorobenzene	11.14	95	172372	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	

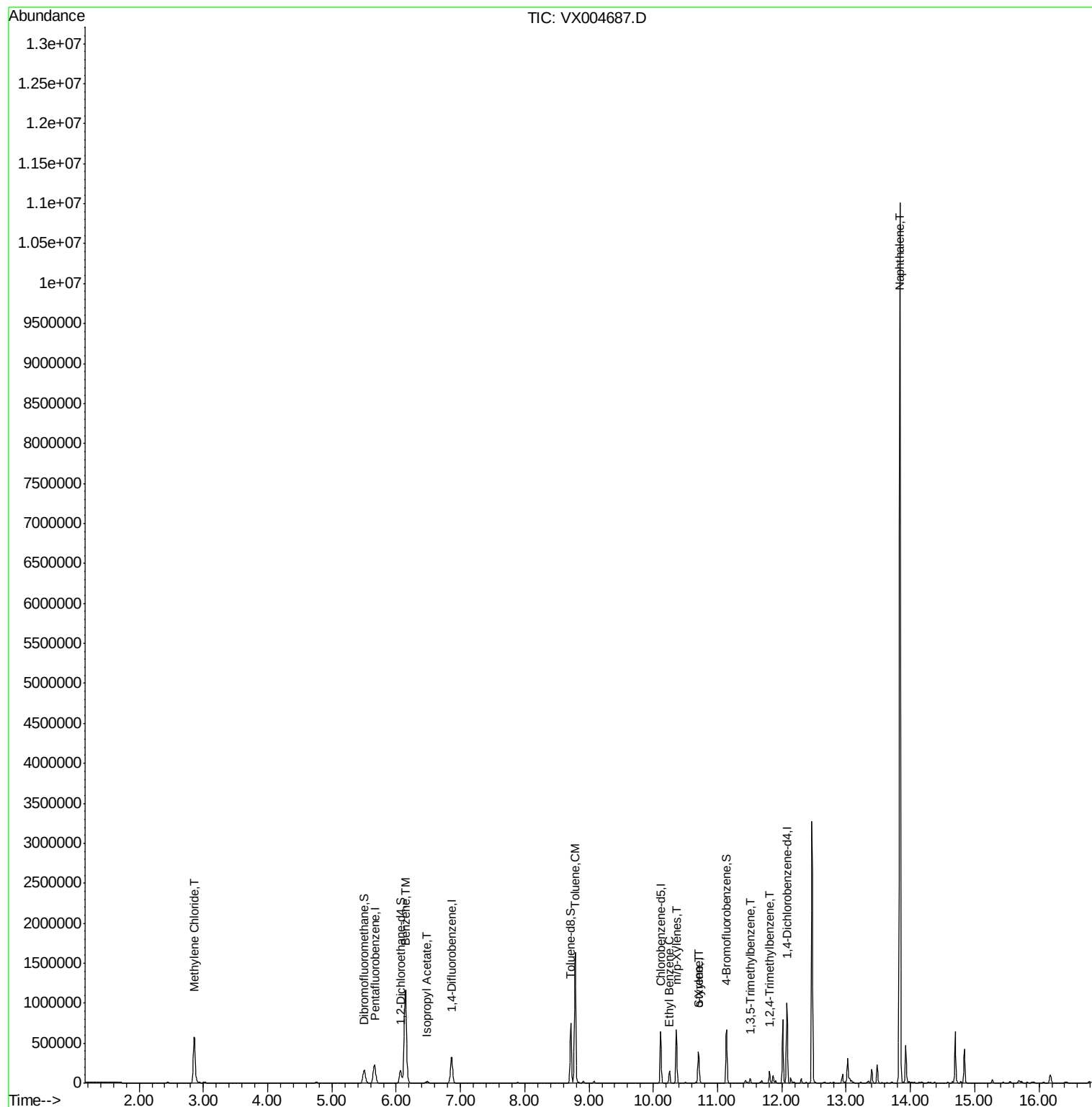
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.86	84	294967	95.06	ug/l	90
40) Benzene	6.15	78	1427369	115.65	ug/l	96
43) Isopropyl Acetate	6.46	43	6445	1.03	ug/l	98
52) Toluene	8.79	92	620040	85.27	ug/l	98
67) Ethyl Benzene	10.25	91	90421	7.12	ug/l	97
68) m/p-Xylenes	10.36	106	158712	32.45	ug/l	99
69) o-Xylene	10.70	106	71078	15.12	ug/l	100
70) Styrene	10.71	104	91200	11.71	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	25026	2.14	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	69697	5.85	ug/l	99
95) Naphthalene	13.83	128	6851711	475.83	ug/l	99

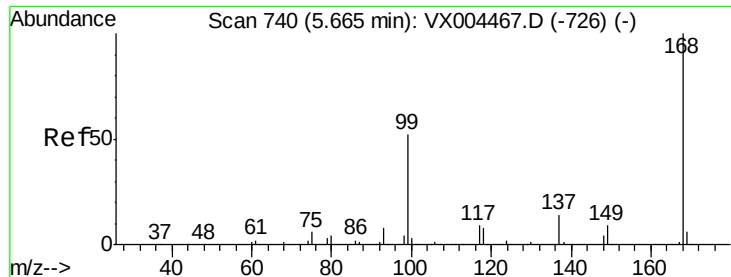
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 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: VX004687.D

Acq: 19 Sep 2018 05:09

Instrument :

MSVOA_X

ClientSampleId :

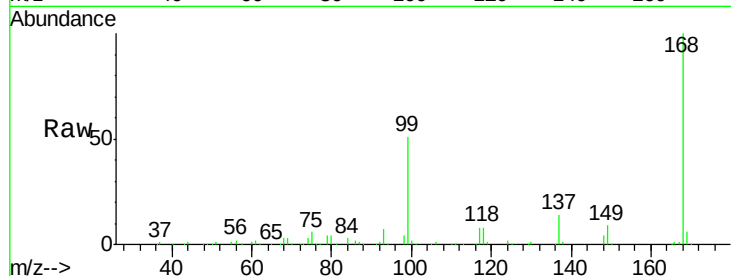
ROLLOFF-03_COMP_FILDL

Tot Ion:168 Resp: 240345

Ion Ratio Lower Upper

168 100

99 51.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

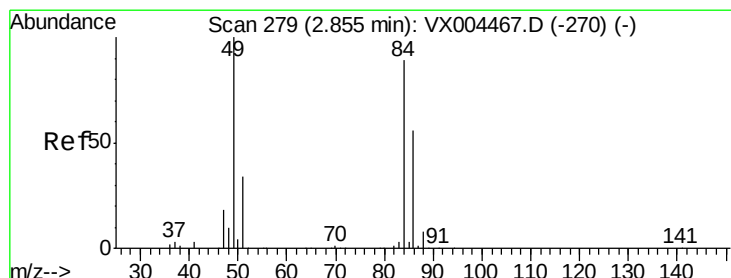
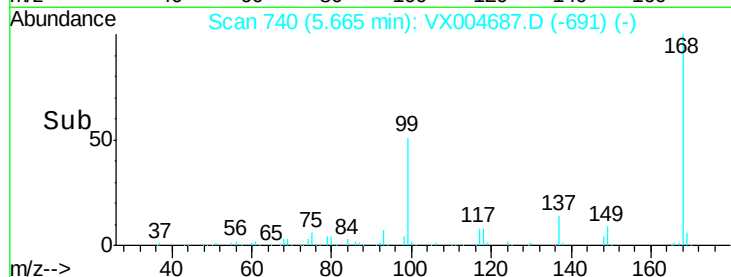
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 95.06 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004687.D

Acq: 19 Sep 2018 05:09

Tgt Ion: 84 Resp: 294967

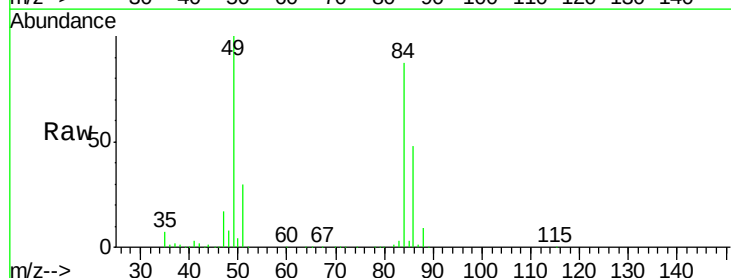
Ion Ratio Lower Upper

84 100

49 115.1 101.2 151.8

51 34.4 29.5 44.3

86 55.7 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

250000

200000

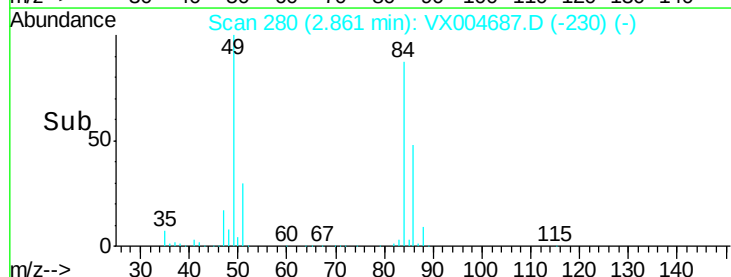
150000

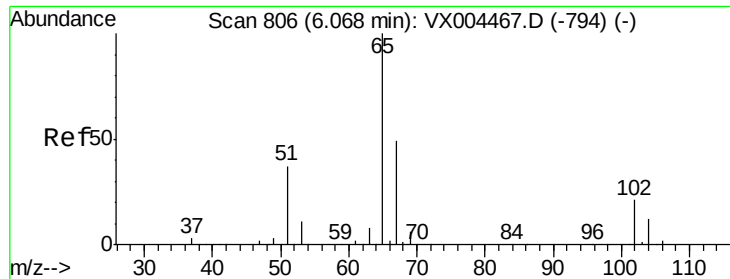
100000

50000

0

Time--> 2.70 2.80 2.90 3.00

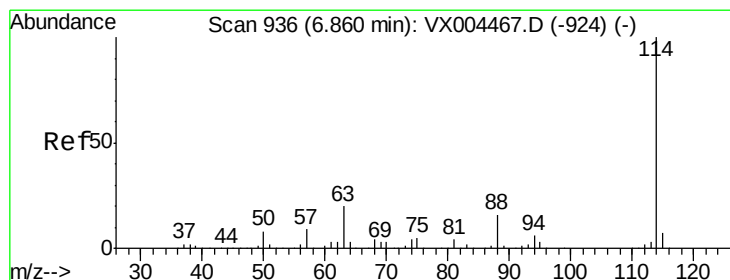
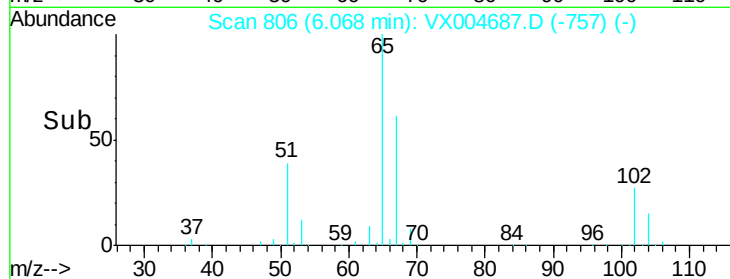
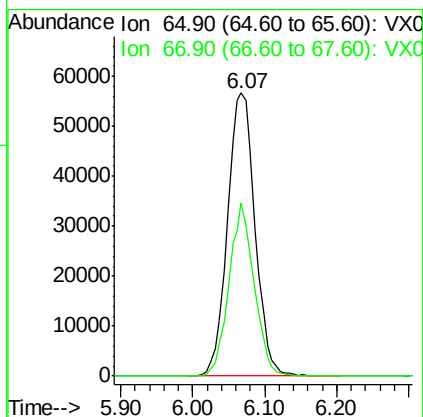
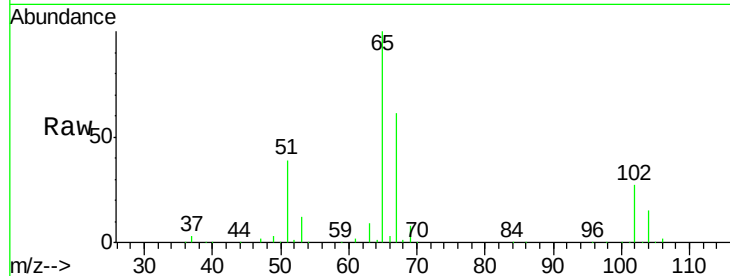




#33
 1,2-Dichloroethane-d4
 Concen: 48.53 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004687.D
 Acq: 19 Sep 2018 05:09

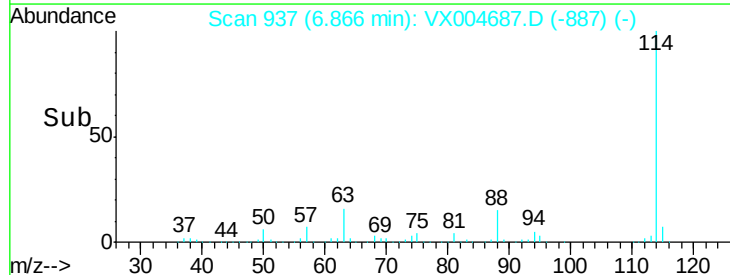
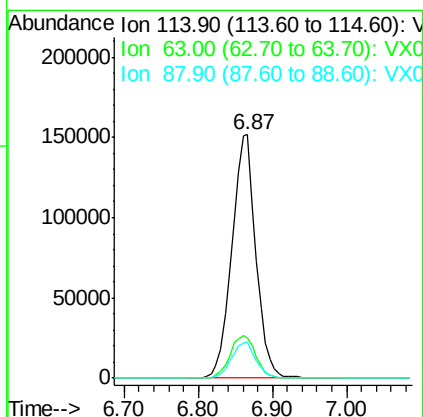
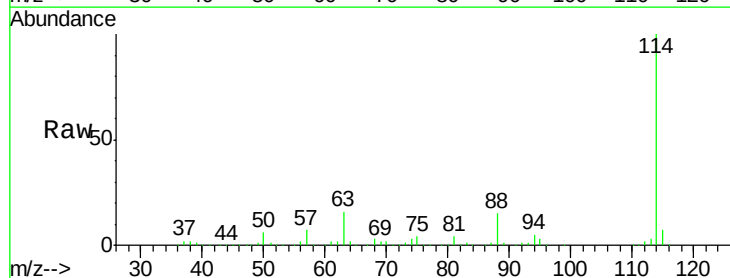
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILDL

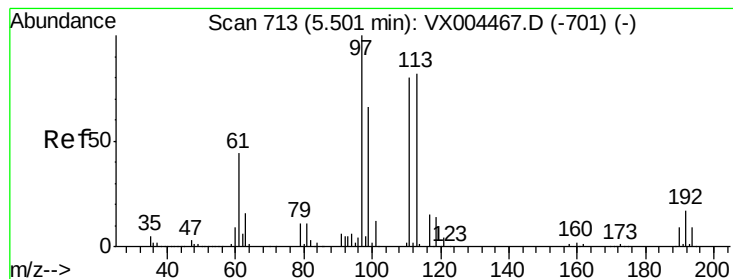
Tot Ion: 65 Resp: 150384
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004687.D
 Acq: 19 Sep 2018 05:09

Tgt Ion: 114 Resp: 342625
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 39.0
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 45.52 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004687.D

Acq: 19 Sep 2018 05:09

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILDL

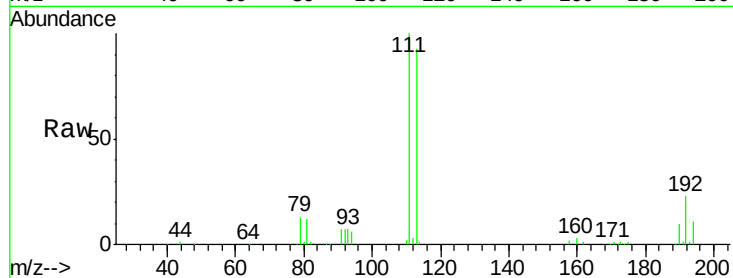
Tot Ion:113 Resp: 142722

Ion Ratio Lower Upper

113 100

111 100.0 82.4 123.6

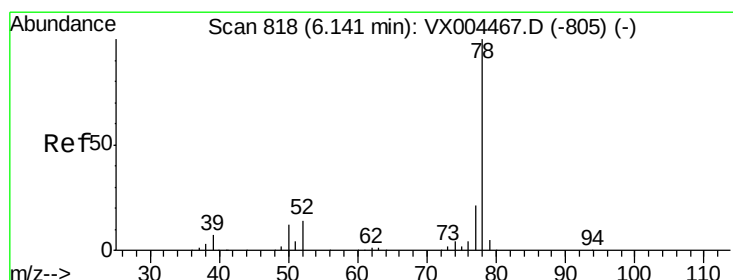
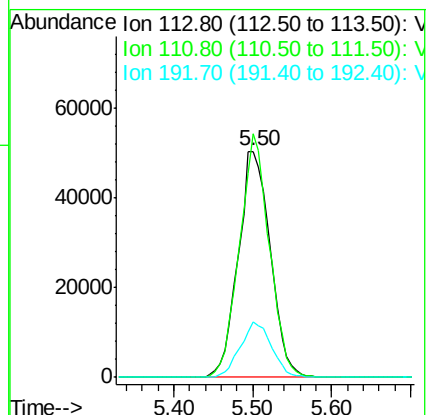
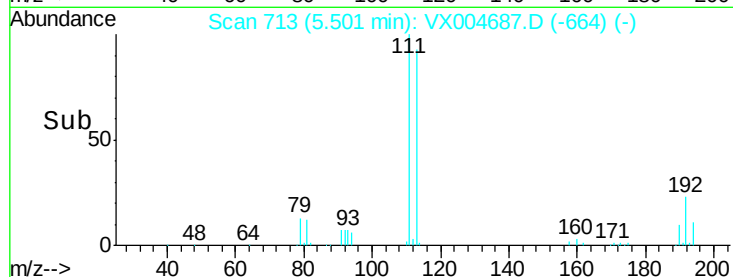
192 23.7 19.4 29.2



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



#40

Benzene

Concen: 115.65 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004687.D

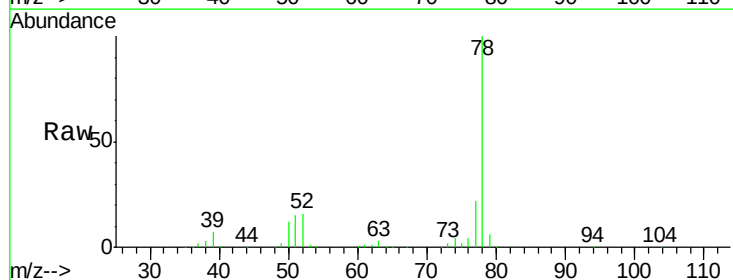
Acq: 19 Sep 2018 05:09

Tgt Ion: 78 Resp: 1427369

Ion Ratio Lower Upper

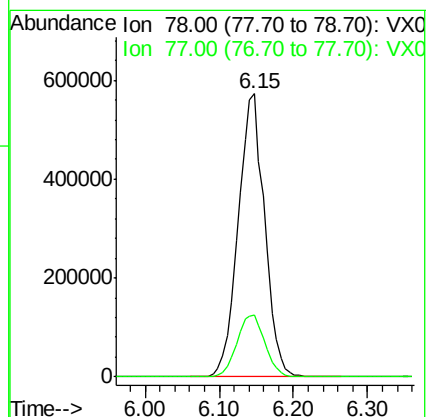
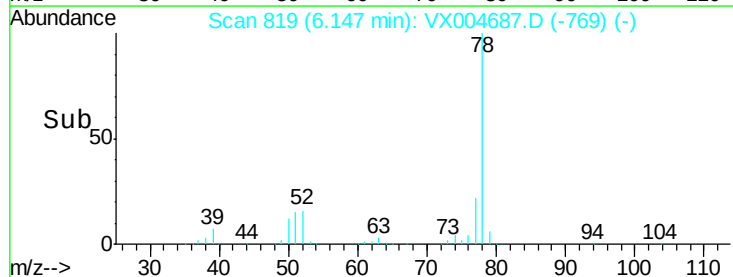
78 100

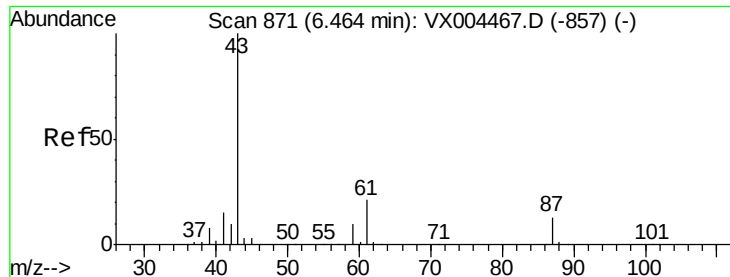
77 21.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 1.03 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004687.D

Acq: 19 Sep 2018 05:09

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF-03_COMP_FILDL

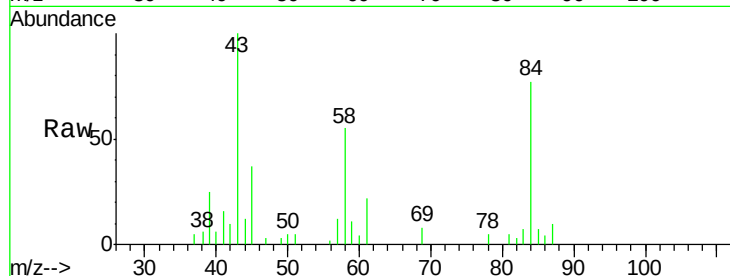
Tot Ion: 43 Resp: 6445

Ion Ratio Lower Upper

43 100

61 20.8 17.0 25.4

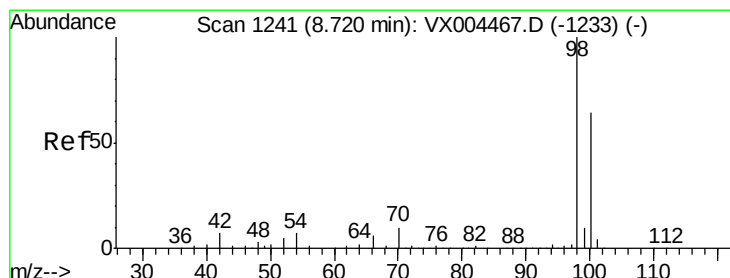
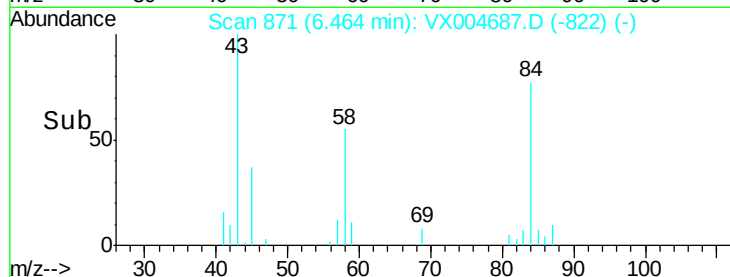
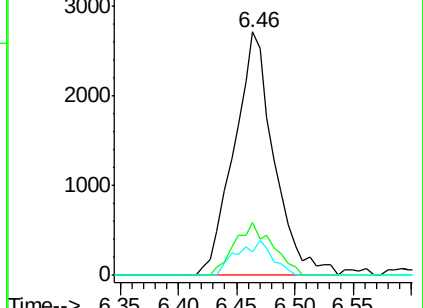
87 12.6 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 44.12 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004687.D

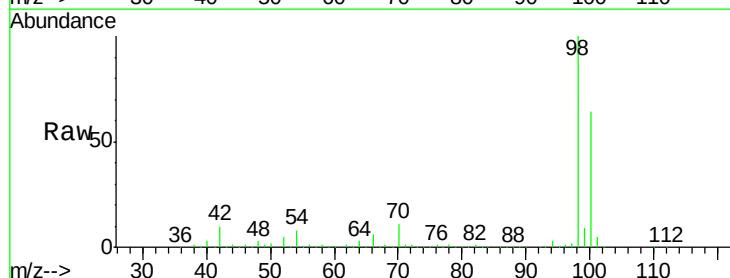
Acq: 19 Sep 2018 05:09

Tgt Ion: 98 Resp: 463908

Ion Ratio Lower Upper

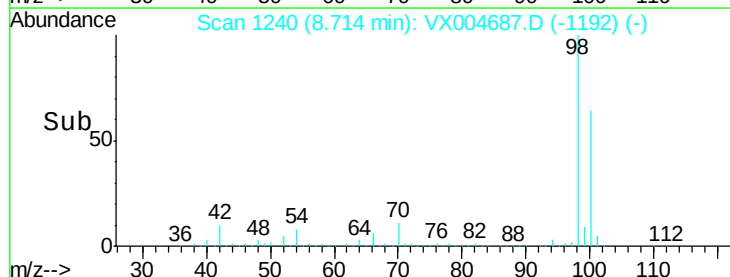
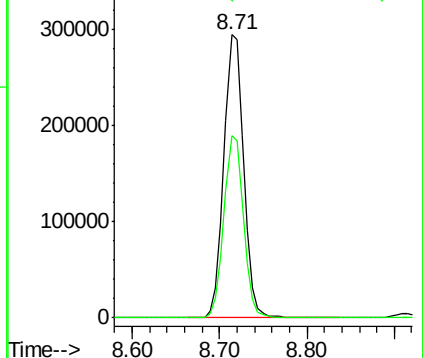
98 100

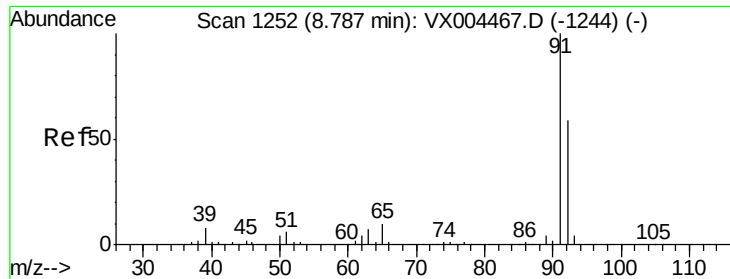
100 63.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 85.27 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004687.D

Acq: 19 Sep 2018 05:09

Instrument :

MSVOA_X

ClientSampleId :

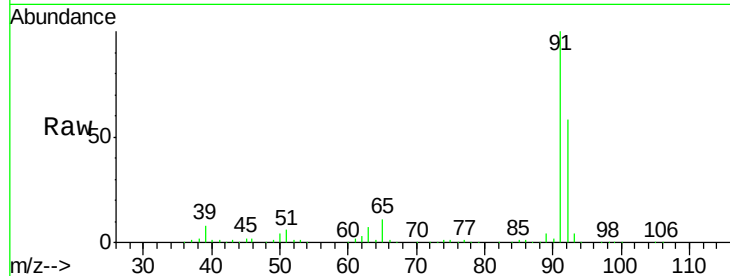
ROLLOFF-03_COMP_FILDL

Tot Ion: 92 Resp: 620040

Ion Ratio Lower Upper

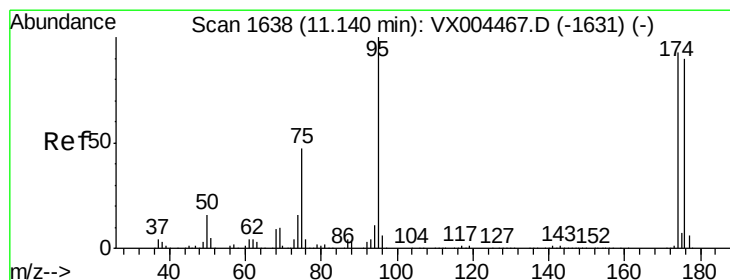
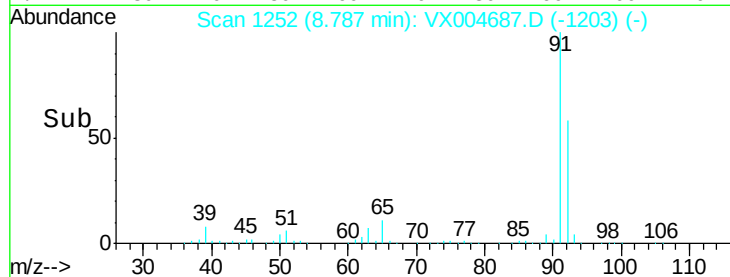
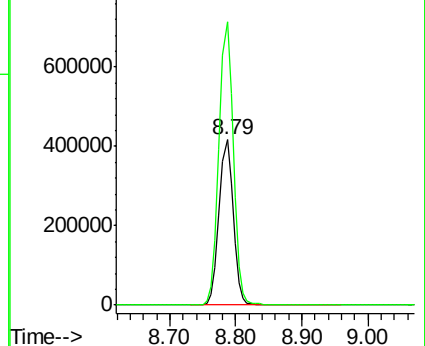
92 100

91 172.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.93 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004687.D

Acq: 19 Sep 2018 05:09

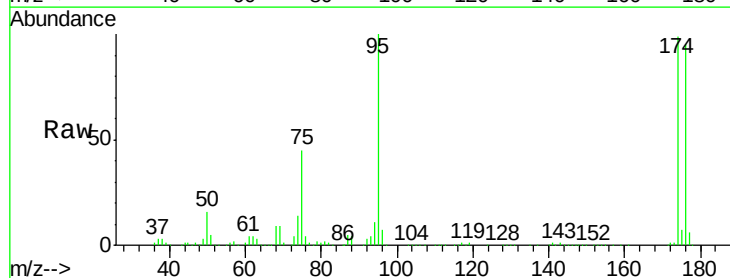
Tgt Ion: 95 Resp: 172372

Ion Ratio Lower Upper

95 100

174 95.4 0.0 185.2

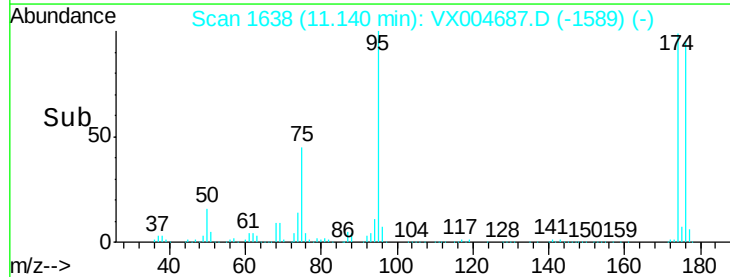
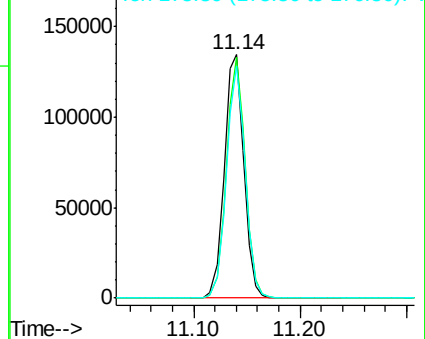
176 91.9 0.0 178.6

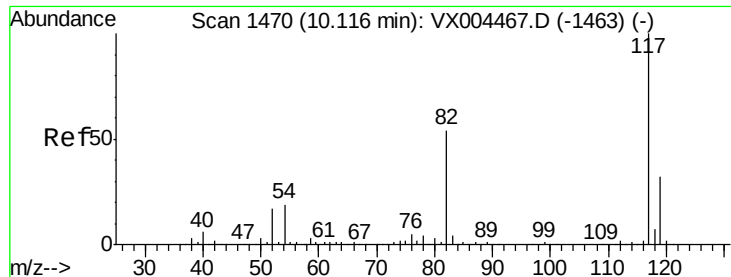


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

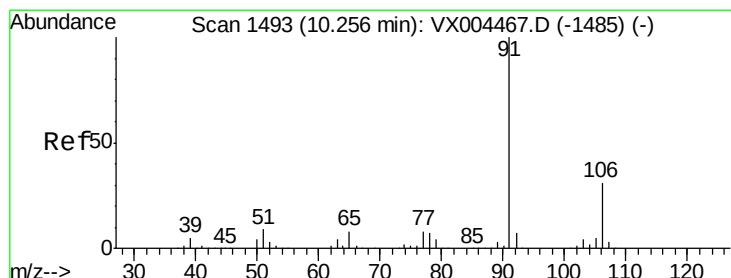
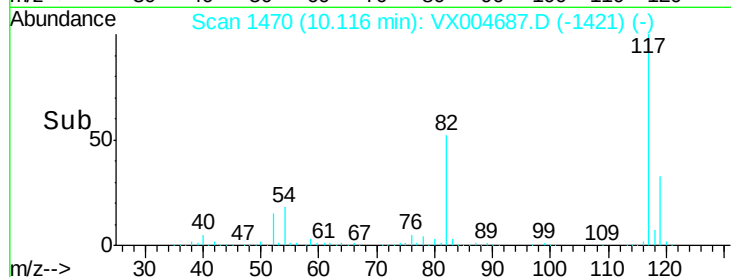
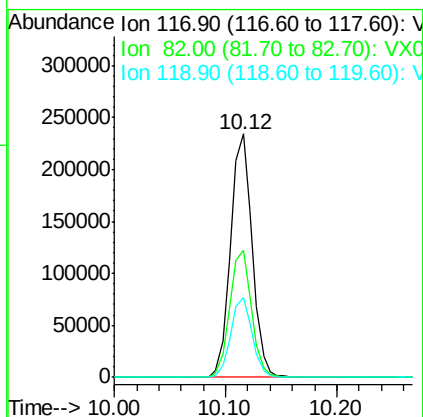
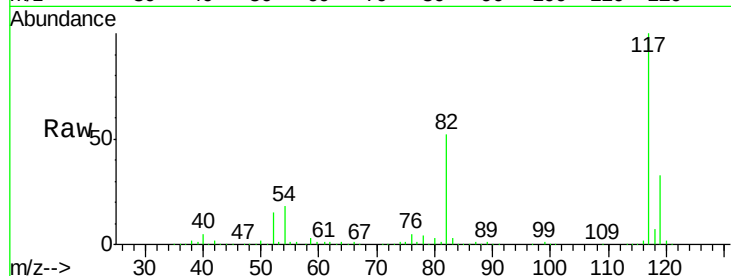




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004687.D
Acq: 19 Sep 2018 05:09

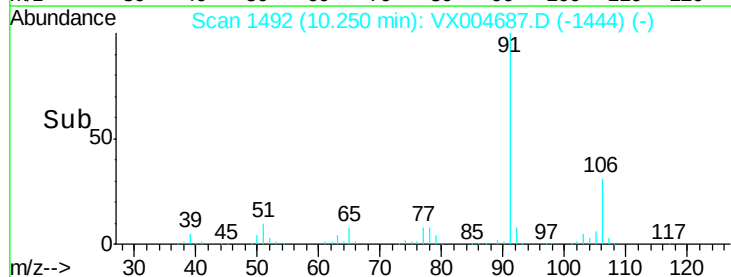
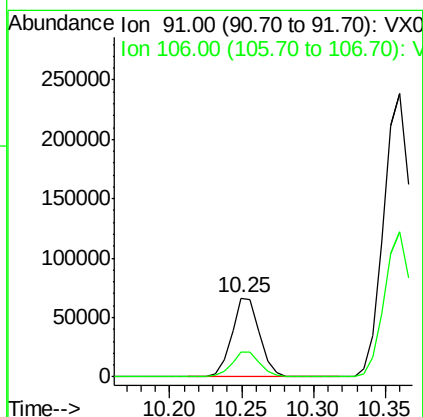
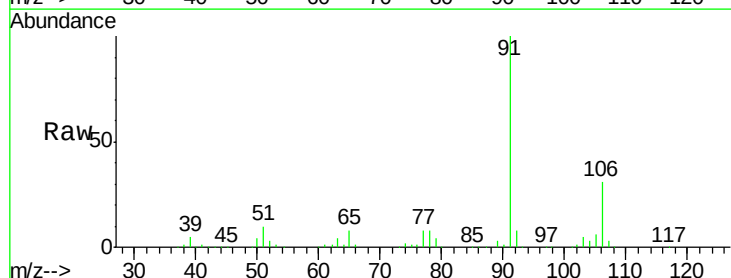
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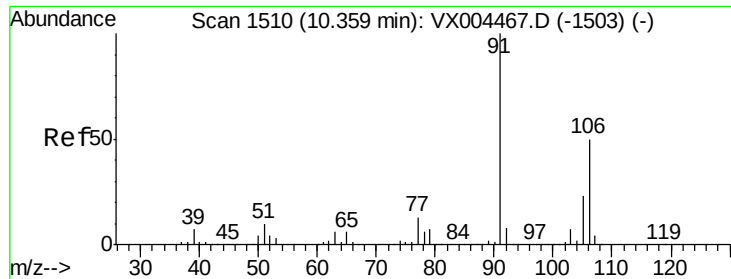
Tot Ion:117 Resp: 314348
Ion Ratio Lower Upper
117 100
82 52.1 47.8 71.6
119 32.6 29.3 43.9



#67
Ethyl Benzene
Concen: 7.12 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004687.D
Acq: 19 Sep 2018 05:09

Tgt Ion: 91 Resp: 90421
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9

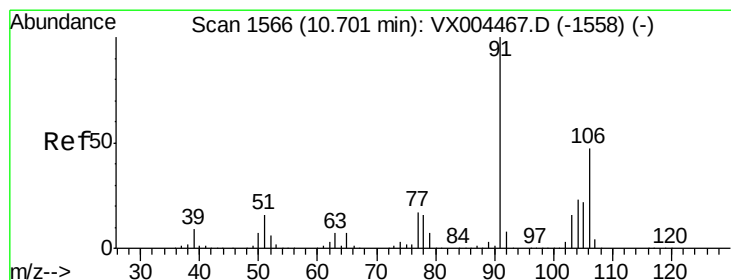
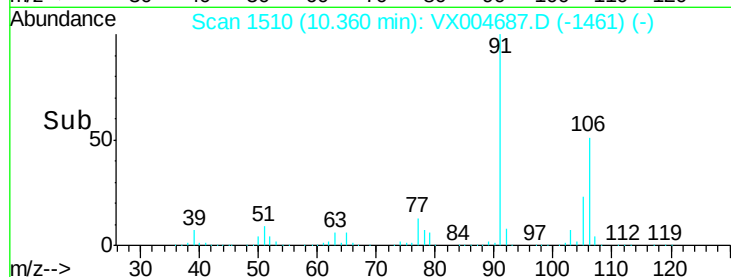
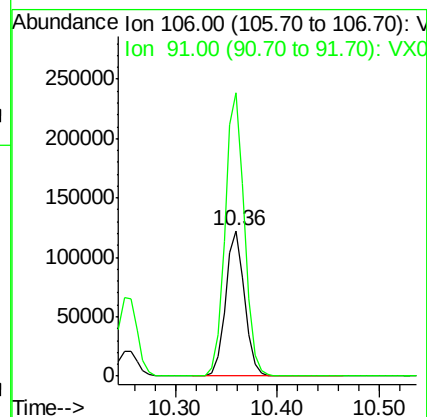
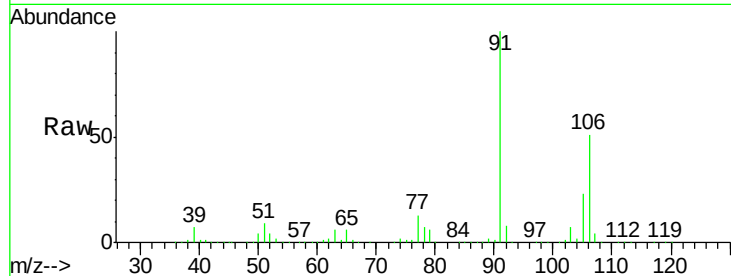




#68
m/p-Xylenes
Concen: 32.45 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004687.D
Acq: 19 Sep 2018 05:09

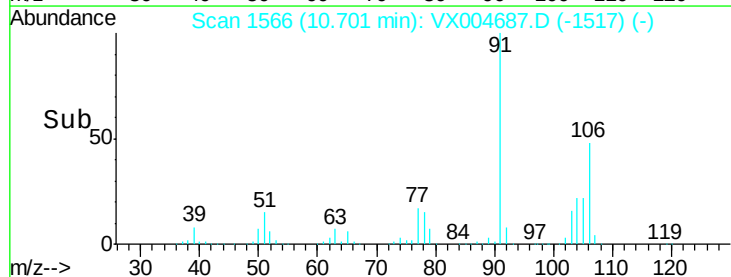
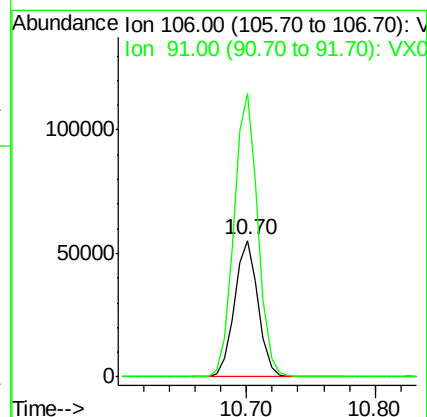
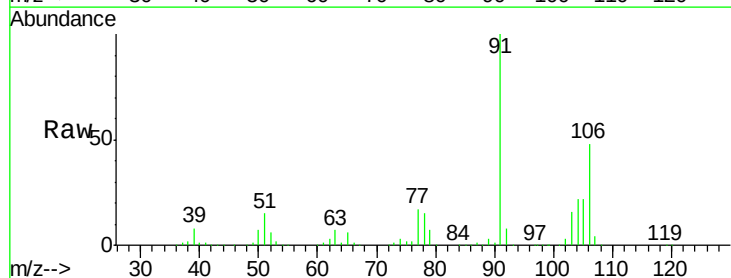
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILDL

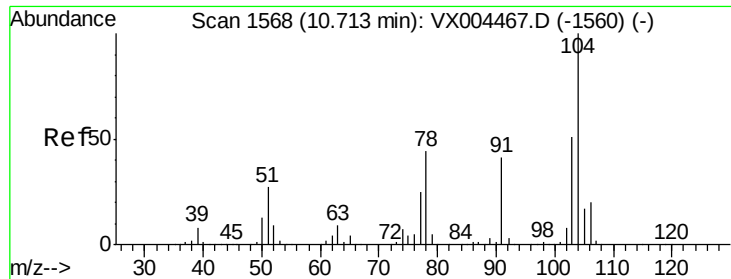
Tot Ion:106 Resp: 158712
Ion Ratio Lower Upper
106 100
91 198.3 157.1 235.7



#69
o-Xylene
Concen: 15.12 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004687.D
Acq: 19 Sep 2018 05:09

Tgt Ion:106 Resp: 71078
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.1

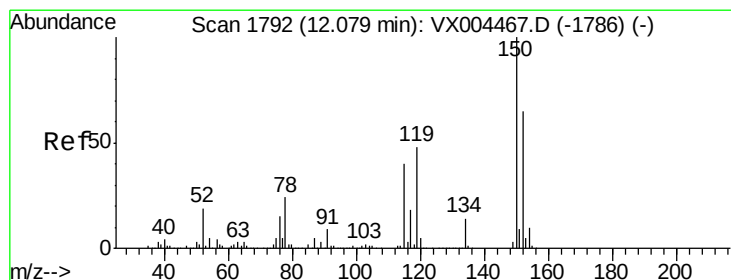
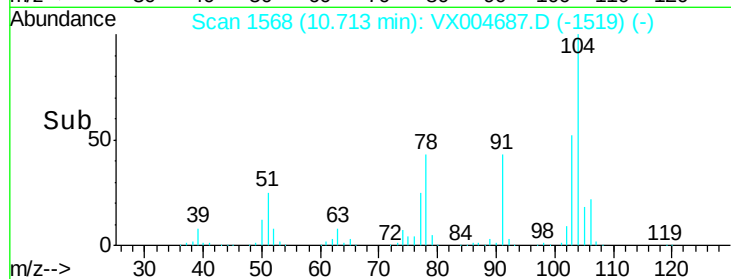
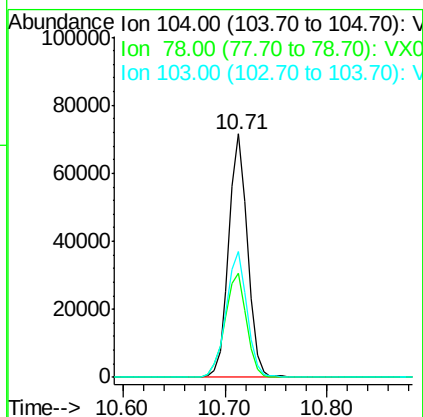
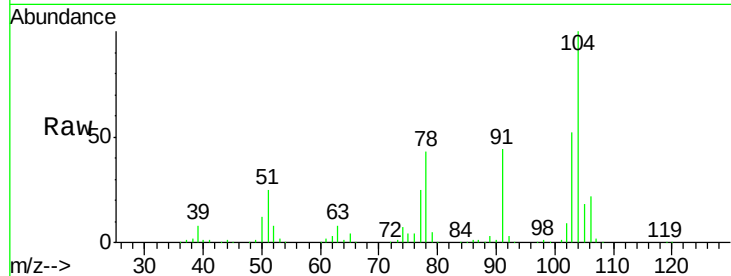




#70
Stvrene
Concen: 11.71 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004687.D
Acq: 19 Sep 2018 05:09

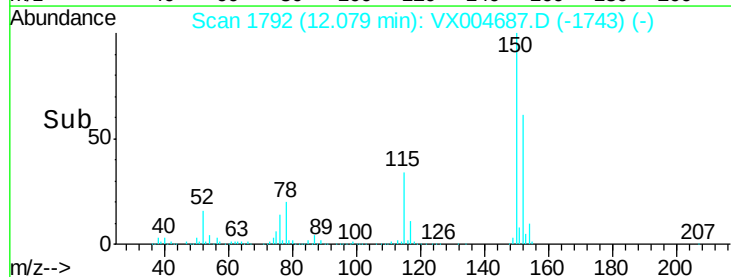
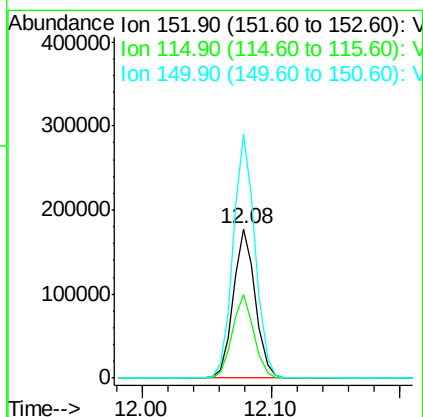
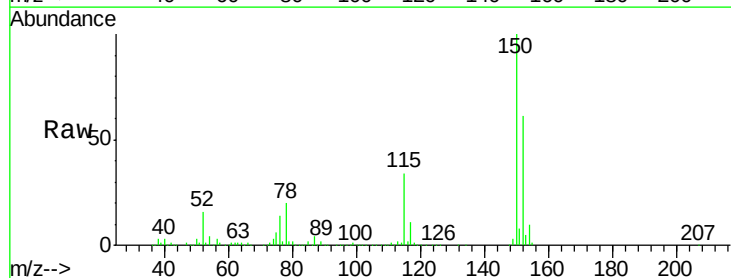
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF-03_COMP_FILDL

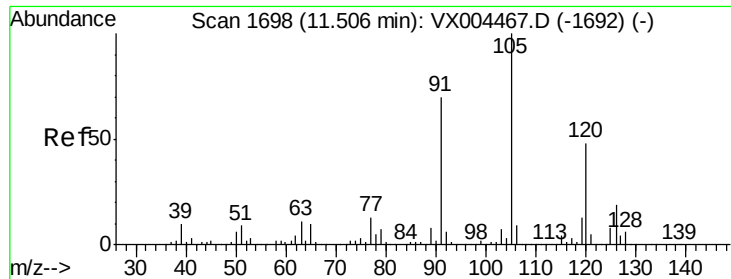
Tot Ion:104 Resp: 91200
Ion Ratio Lower Upper
104 100
78 49.6 37.4 56.0
103 57.6 43.8 65.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004687.D
Acq: 19 Sep 2018 05:09

Tgt Ion:152 Resp: 210922
Ion Ratio Lower Upper
152 100
115 54.4 39.0 117.0
150 162.6 0.0 351.0

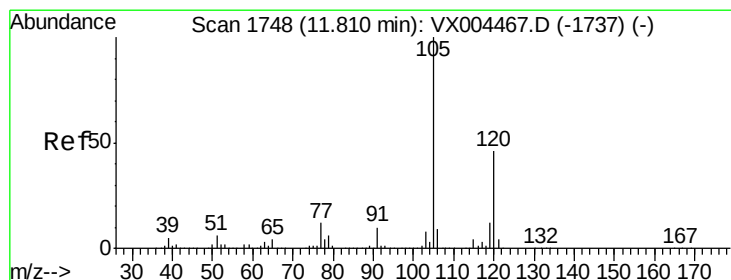
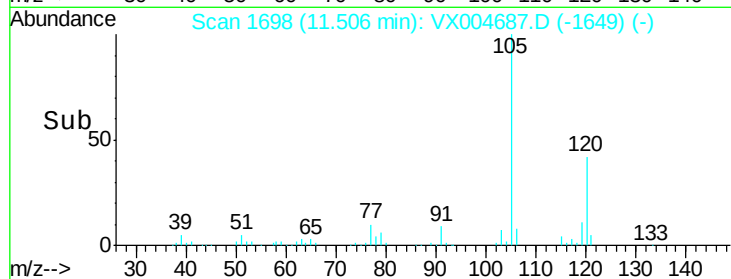
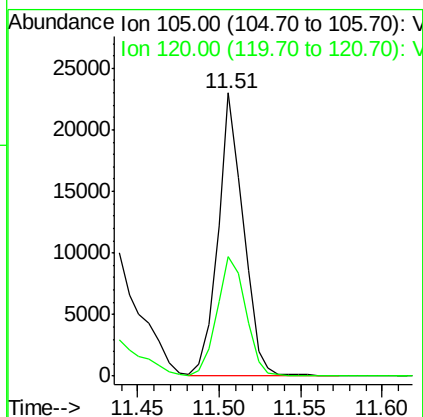
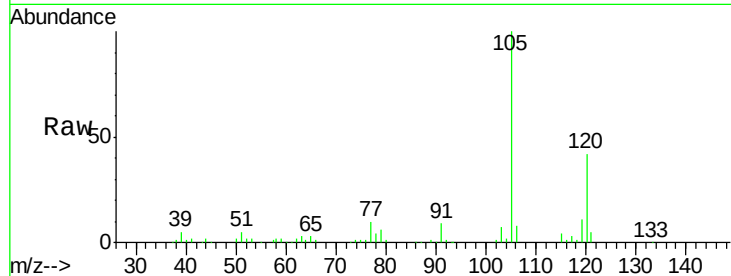




#80
 1,3,5-Trimethylbenzene
 Concen: 2.14 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004687.D
 Acq: 19 Sep 2018 05:09

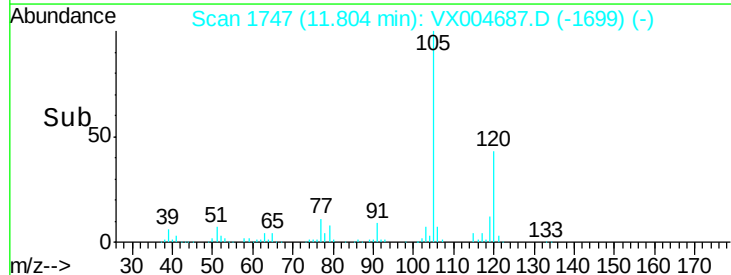
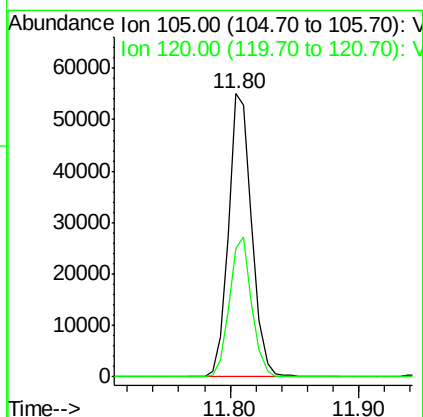
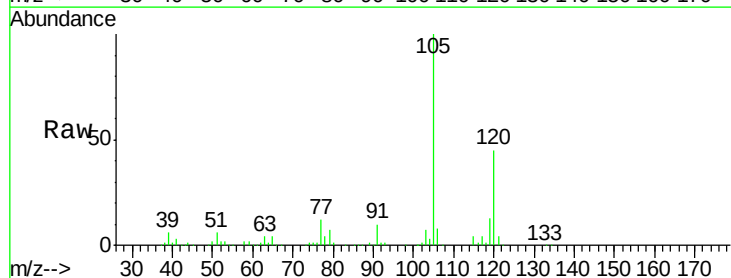
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILDL

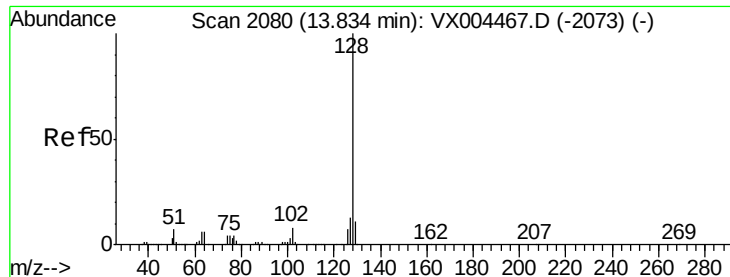
Tot Ion:105 Resp: 25026
 Ion Ratio Lower Upper
 105 100
 120 47.8 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.85 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX004687.D
 Acq: 19 Sep 2018 05:09

Tgt Ion:105 Resp: 69697
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.2 69.6



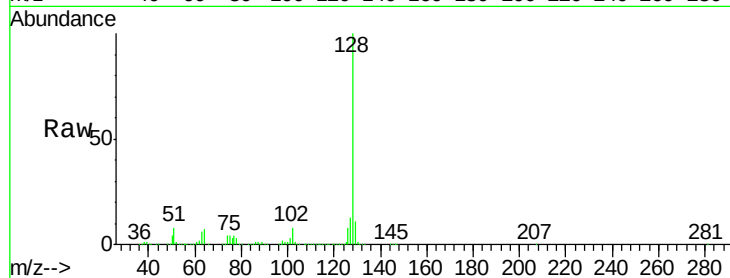


#95
 Naphthalene
 Concen: 475.83 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX004687.D
 Acq: 19 Sep 2018 05:09

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF-03_COMP_FILDL

Tot Ion:128 Resp: 6851711

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.5	8.6	12.8



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

