

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004617.D
 Acq On : 16 Sep 2018 06:39
 Operator : JC/MD
 Sample : J4898-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF01-COMP-FILLDL

Quant Time: Sep 17 17:57:00 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	5.66	168	258051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	256687	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	169774	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
35) Dibromofluoromethane	5.50	113	164408	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
50) Toluene-d8	8.72	98	492137	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
62) 4-Bromofluorobenzene	11.14	95	190206	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	

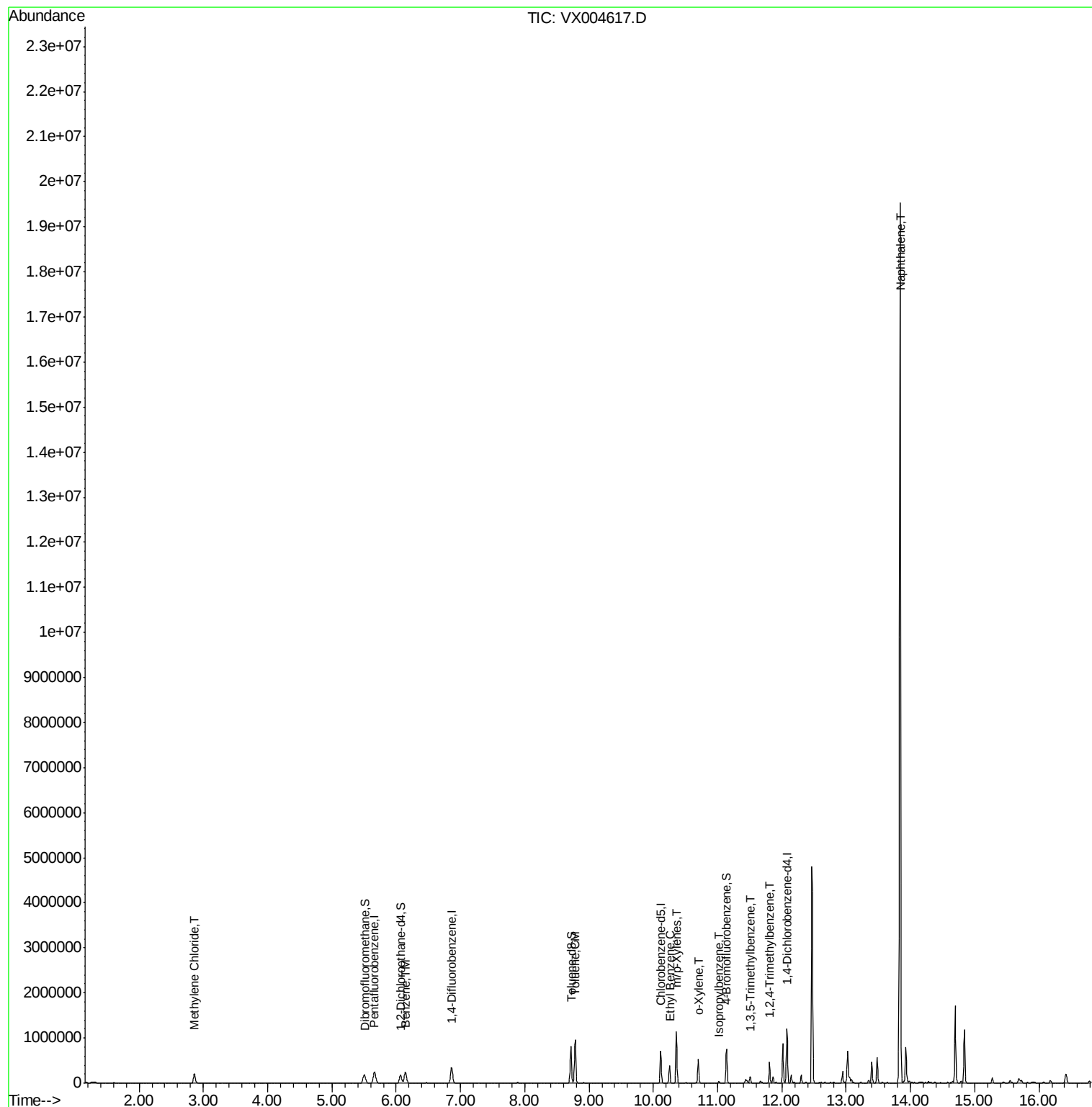
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.86	84	97478	29.26	ug/l	90
40) Benzene	6.14	78	292324	22.90	ug/l	100
52) Toluene	8.79	92	355665	47.28	ug/l	98
67) Ethyl Benzene	10.26	91	221569	16.26	ug/l	99
68) m/p-Xylenes	10.36	106	257876	49.12	ug/l	97
69) o-Xylene	10.70	106	112098	22.21	ug/l	98
73) Isopropylbenzene	11.02	105	18068	1.07	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	66173	4.66	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	208589	14.38	ug/l	99
95) Naphthalene	13.84	128	11653464	665.00	ug/l #	93

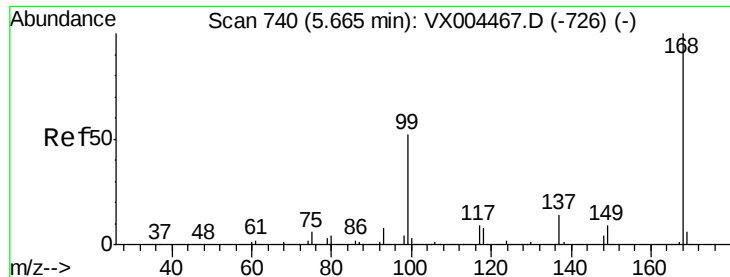
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

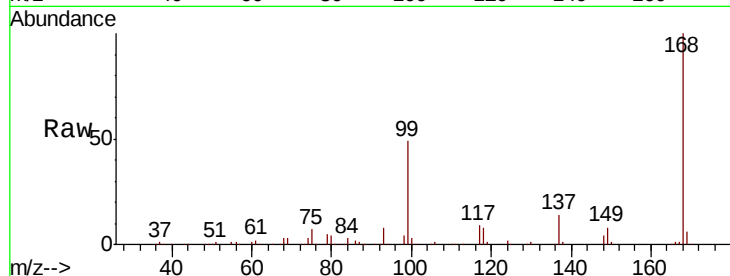
ROLLOFF01-COMP-FILLDL

Tot Ion:168 Resp: 258051

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

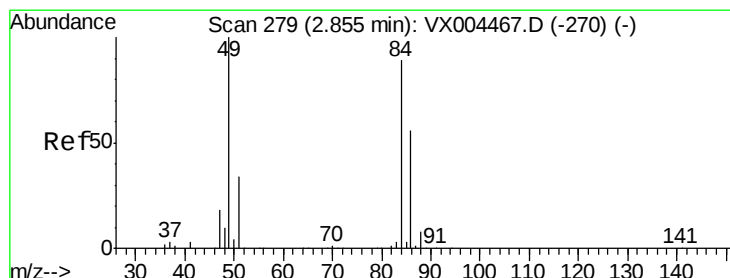
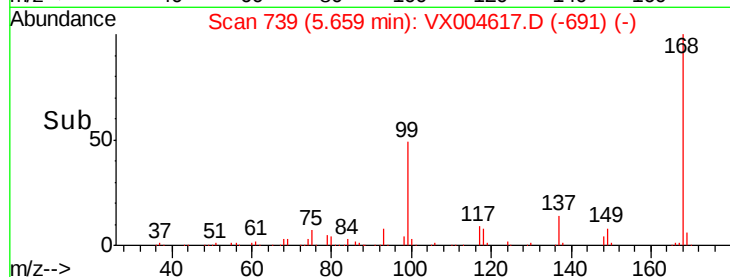
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 29.26 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Tgt Ion: 84 Resp: 97478

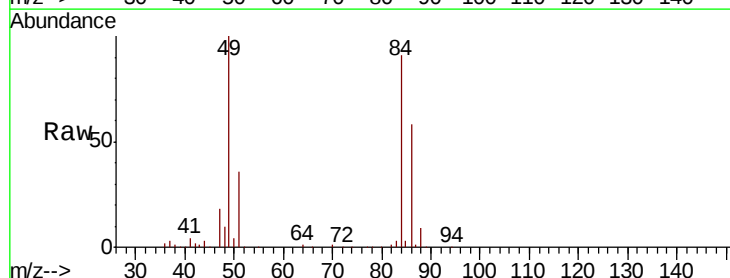
Ion Ratio Lower Upper

84 100

49 109.4 101.2 151.8

51 39.9 29.5 44.3

86 63.9 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

80000

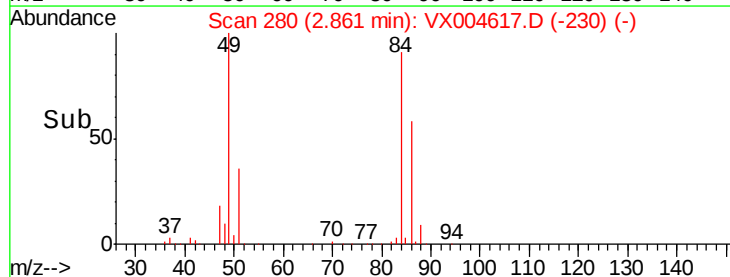
60000

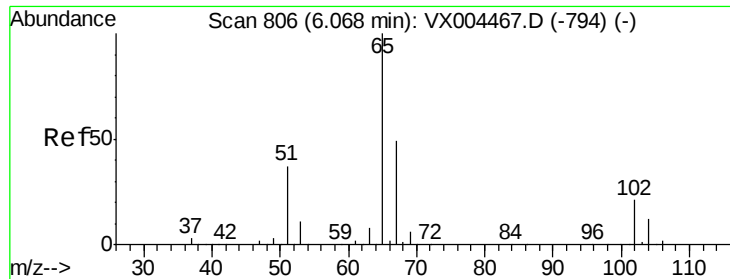
40000

20000

0

Time--> 2.80 2.90 3.00





#33

1,2-Dichloroethane-d4

Concen: 51.02 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

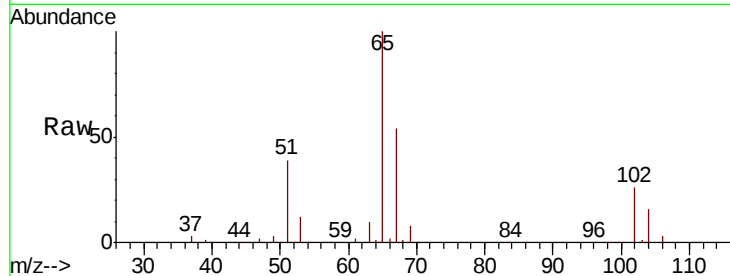
ROLLOFF01-COMP-FILLDL

Tot Ion: 65 Resp: 169774

Ion Ratio Lower Upper

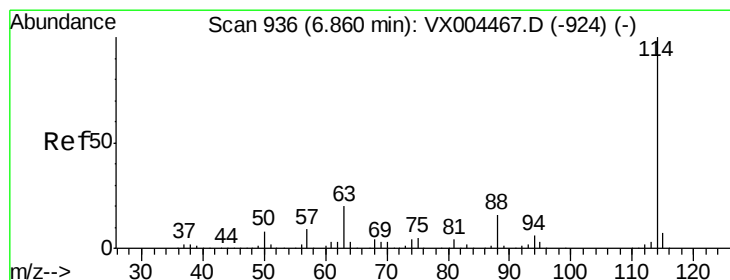
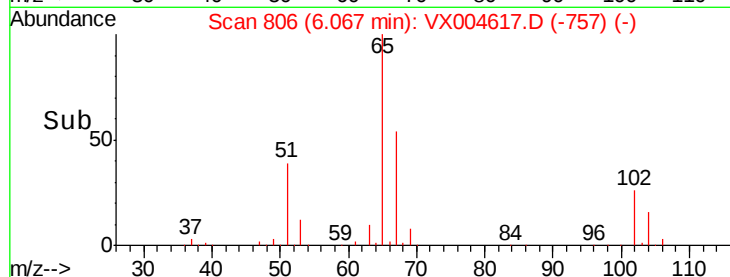
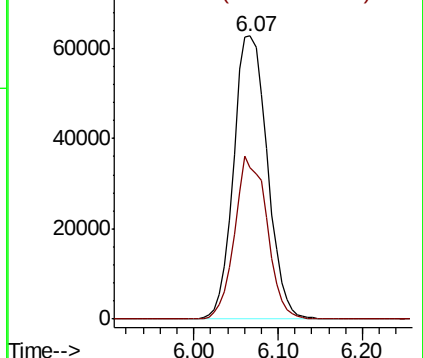
65 100

67 55.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

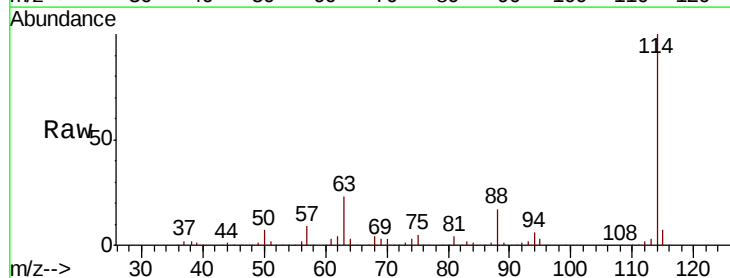
Tgt Ion: 114 Resp: 354450

Ion Ratio Lower Upper

114 100

63 22.8 0.0 39.0

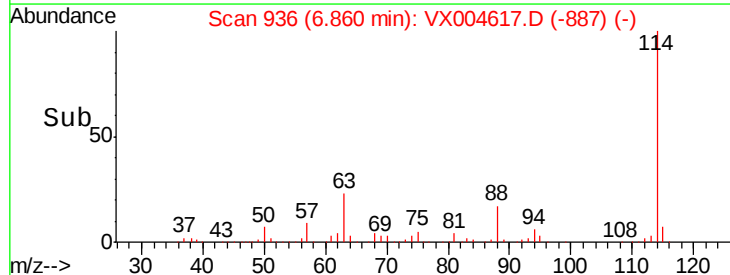
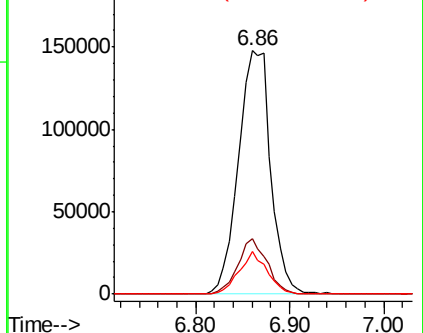
88 17.5 0.0 30.4

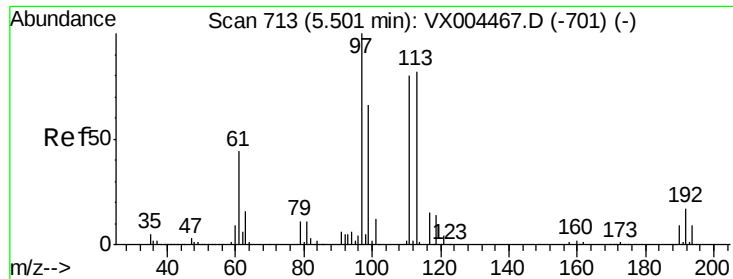


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

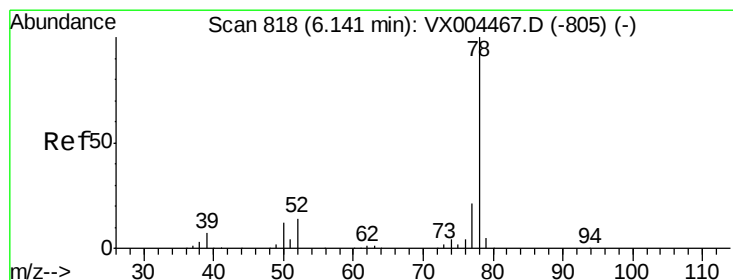
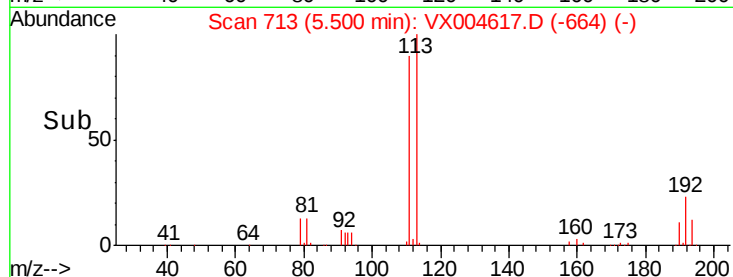
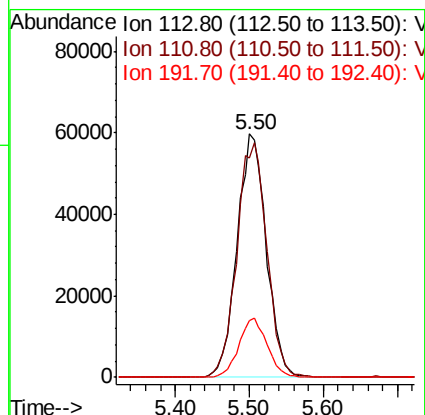
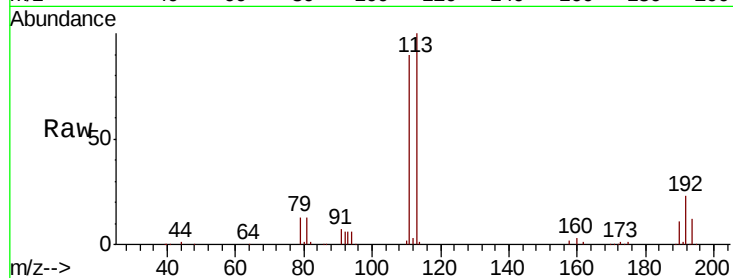




#35
 Dibromofluoromethane
 Concen: 50.69 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

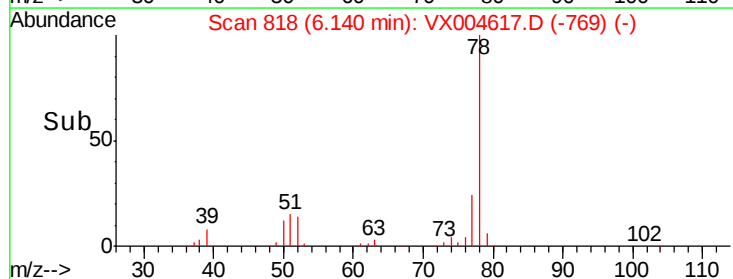
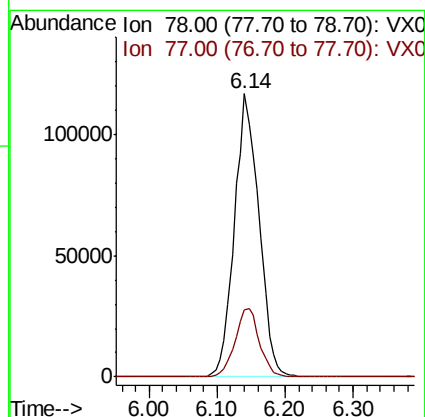
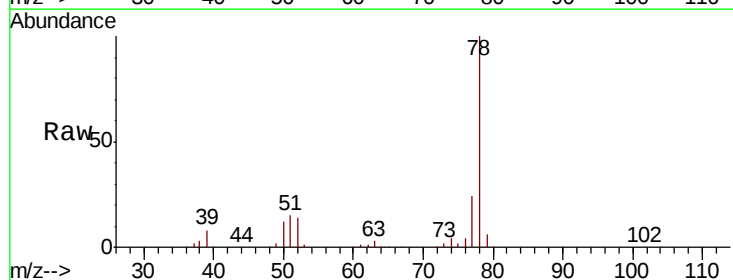
Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF01-COMP-FILLDL

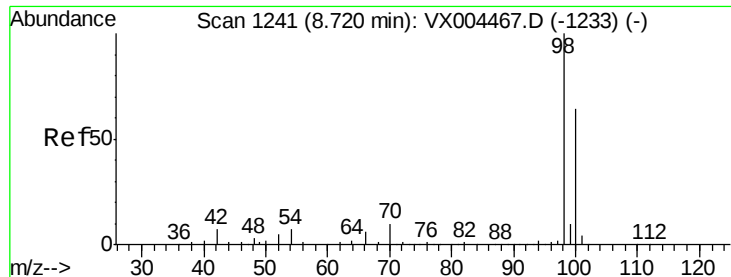
Tot Ion:113 Resp: 164408
 Ion Ratio Lower Upper
 113 100
 111 99.1 82.4 123.6
 192 23.6 19.4 29.2



#40
 Benzene
 Concen: 22.90 ug/l
 RT: 6.14 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

Tgt Ion: 78 Resp: 292324
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.0 28.4

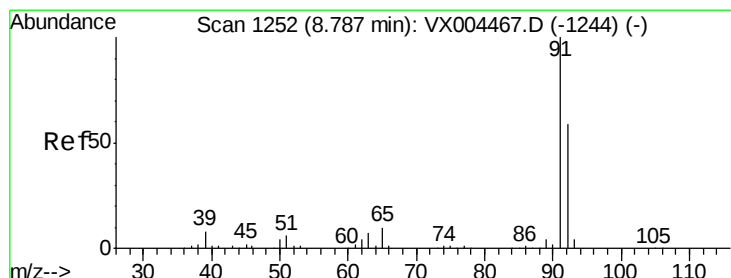
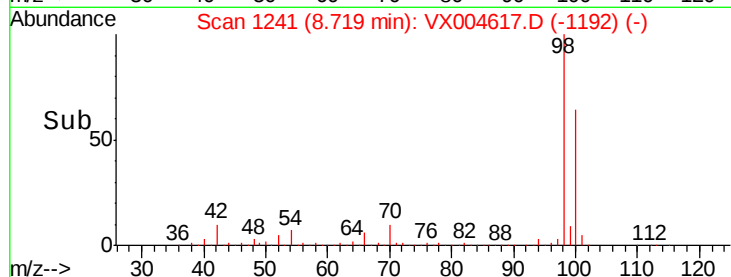
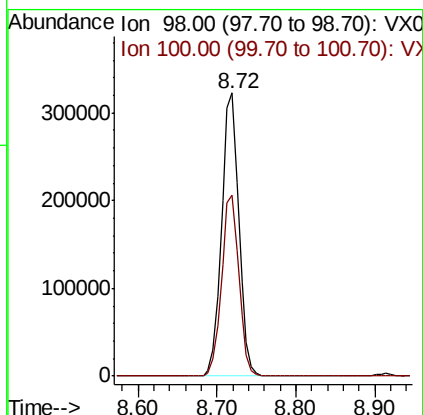
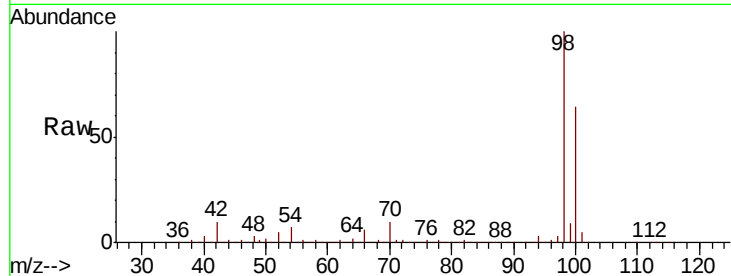




#50
Toluene-d8
Concen: 45.24 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

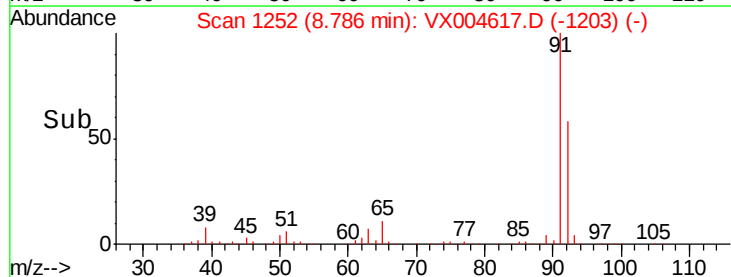
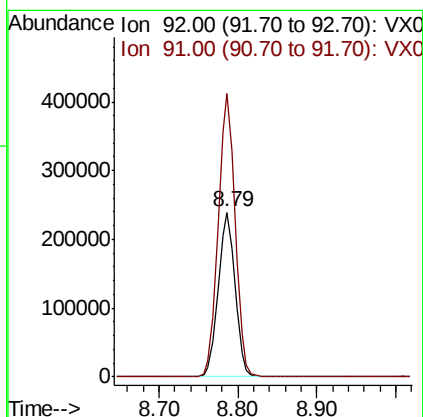
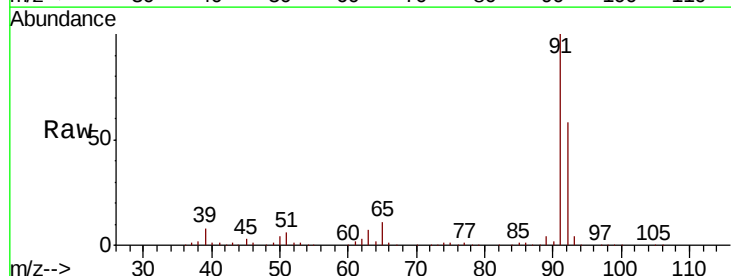
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILLDL

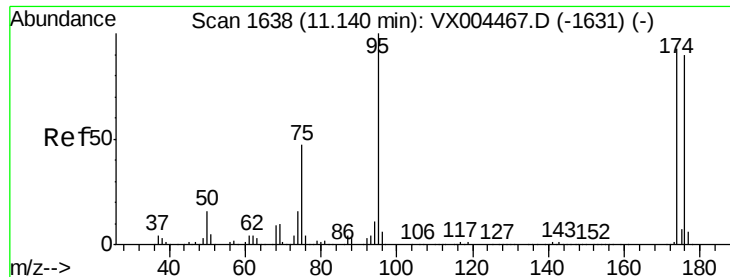
Tot Ion: 98 Resp: 492137
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



#52
Toluene
Concen: 47.28 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Tgt Ion: 92 Resp: 355665
Ion Ratio Lower Upper
92 100
91 173.2 136.4 204.6

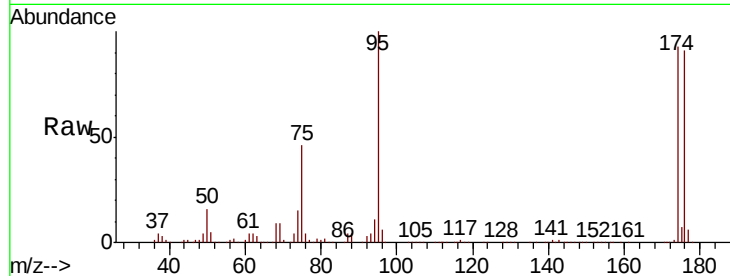




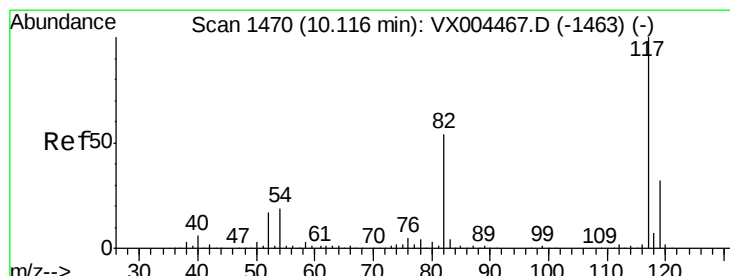
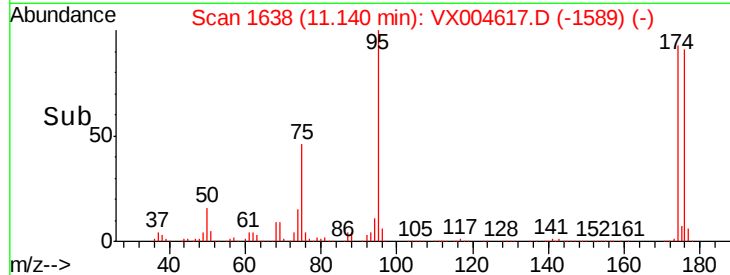
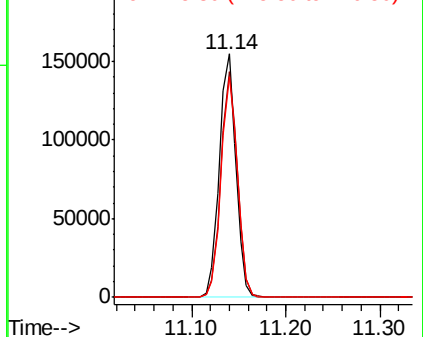
#62
 4-Bromofluorobenzene
 Concen: 48.99 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF01-COMP-FILLDL

Tot Ion: 95 Resp: 190206
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 185.2
 176 89.9 0.0 178.6

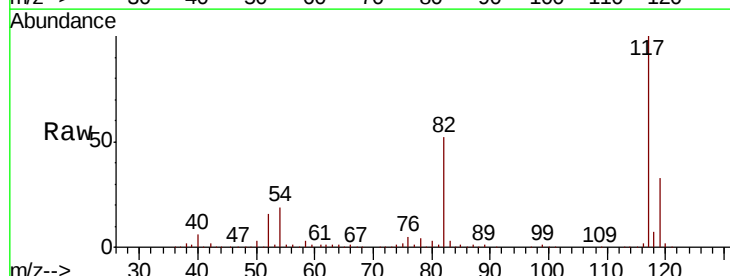


Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

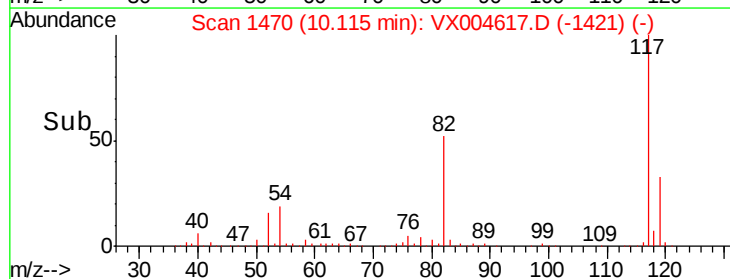
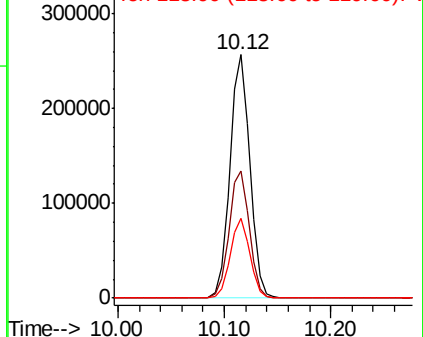


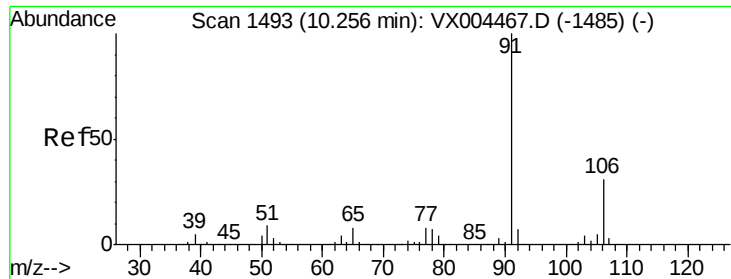
#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VX004617.D
 Acq: 16 Sep 2018 06:39

Tgt Ion: 117 Resp: 337460
 Ion Ratio Lower Upper
 117 100
 82 52.5 47.8 71.6
 119 32.5 29.3 43.9



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

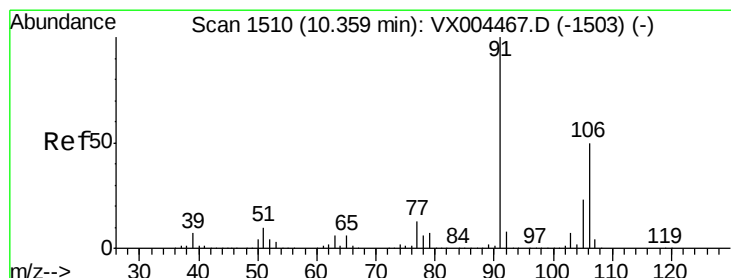
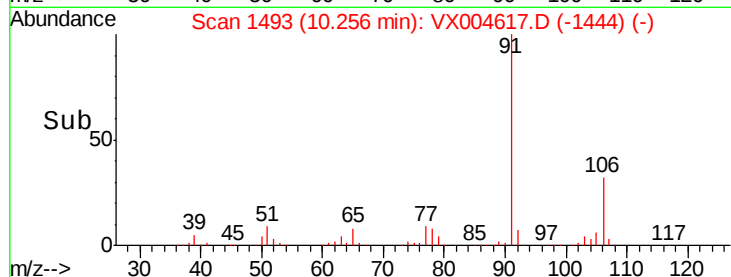
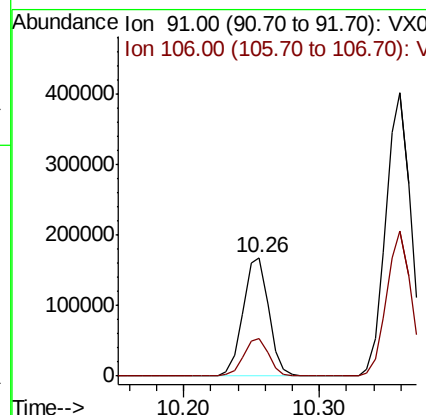
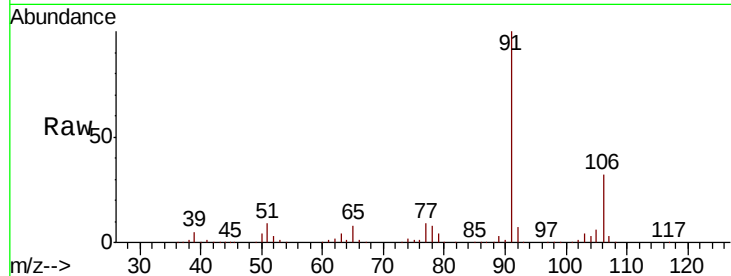




#67
Ethyl Benzene
Concen: 16.26 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

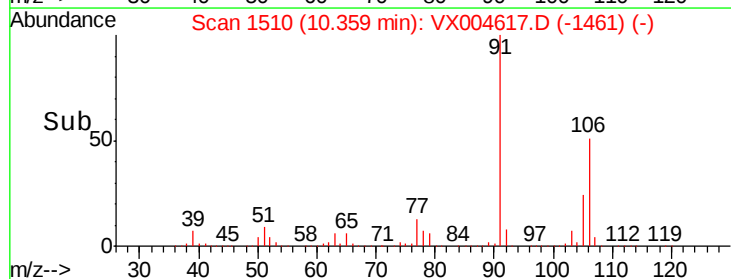
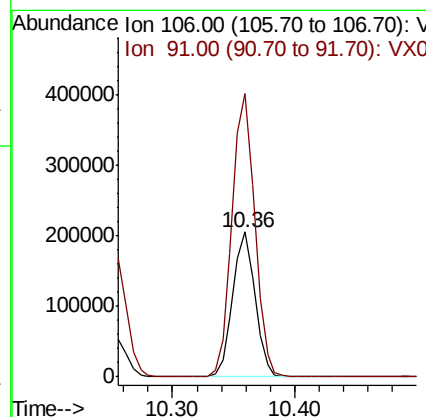
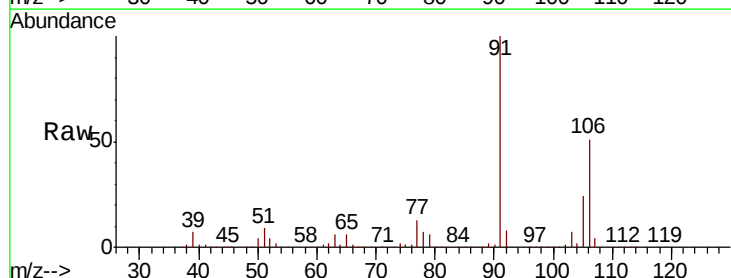
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ROLLOFF01-COMP-FILLDL

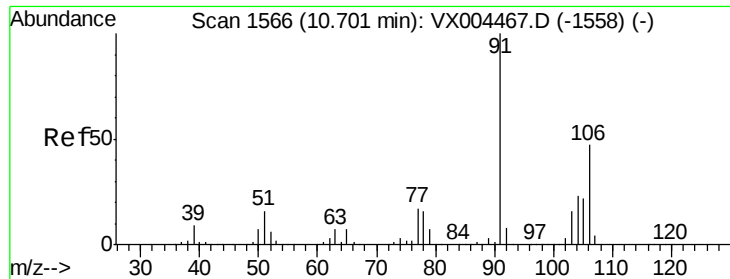
Tot Ion: 91 Resp: 221569
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 49.12 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Tgt Ion: 106 Resp: 257876
Ion Ratio Lower Upper
106 100
91 200.5 157.1 235.7

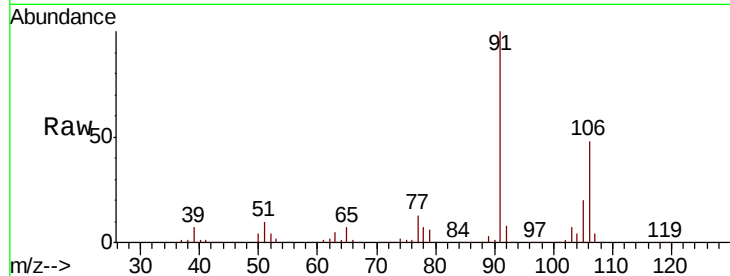




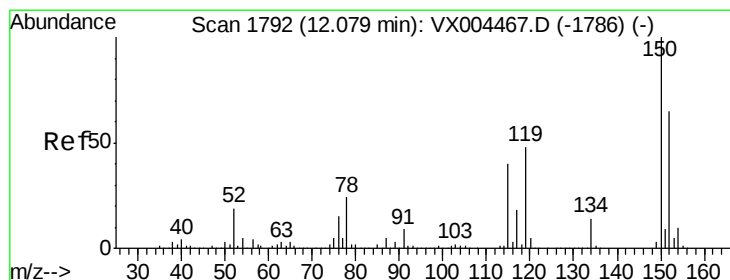
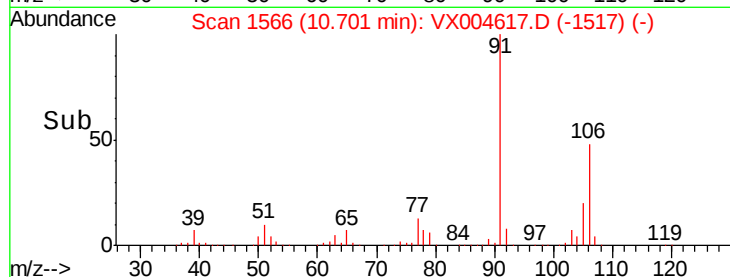
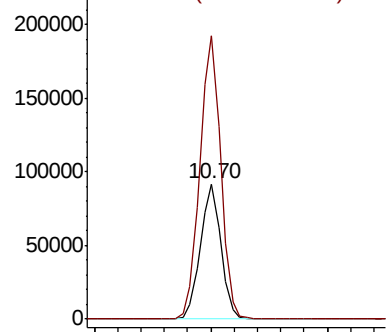
#69
o-Xylene
Concen: 22.21 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF01-COMP-FILLDL

Tot Ion:106 Resp: 112098
Ion Ratio Lower Upper
106 100
91 213.2 105.1 315.1

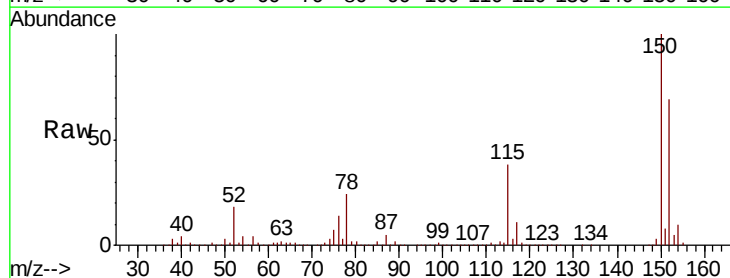


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

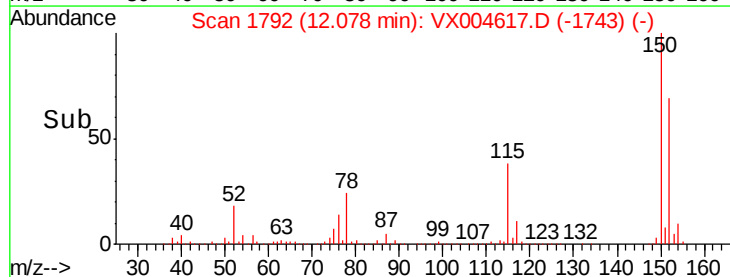
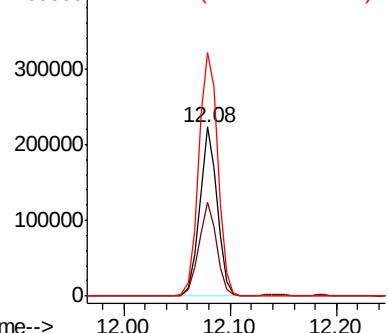


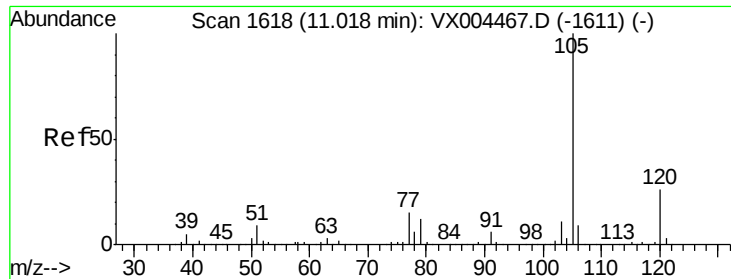
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004617.D
Acq: 16 Sep 2018 06:39

Tgt Ion:152 Resp: 256687
Ion Ratio Lower Upper
152 100
115 56.1 39.0 117.0
150 157.5 0.0 351.0



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





#73

Isopropylbenzene

Concen: 1.07 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

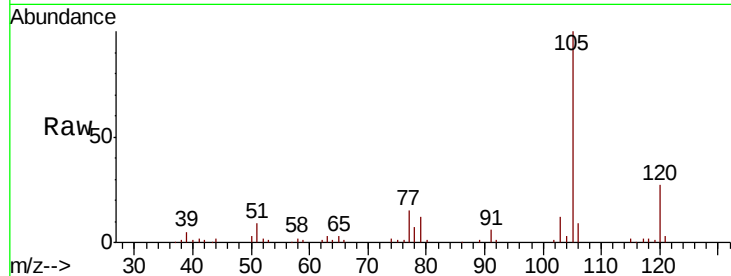
ROLLOFF01-COMP-FILLDL

Tot Ion:105 Resp: 18068

Ion Ratio Lower Upper

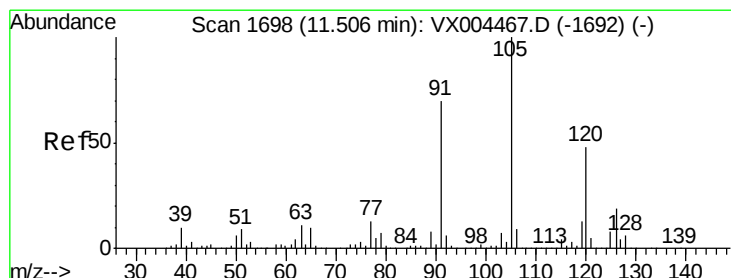
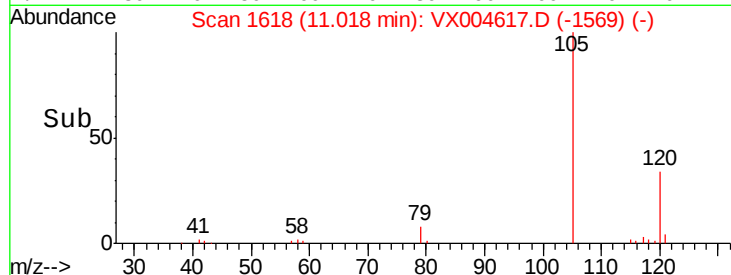
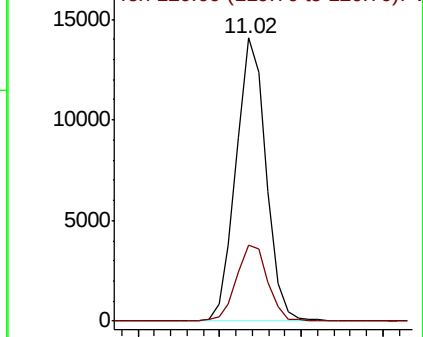
105 100

120 27.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 4.66 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004617.D

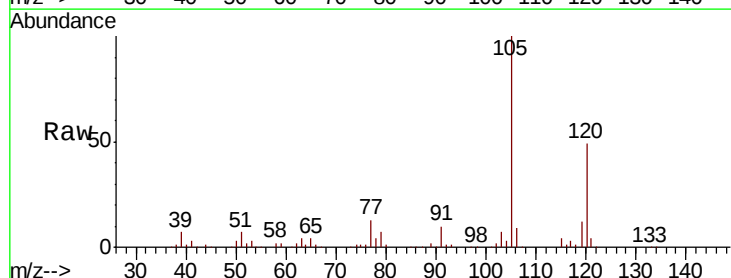
Acq: 16 Sep 2018 06:39

Tgt Ion:105 Resp: 66173

Ion Ratio Lower Upper

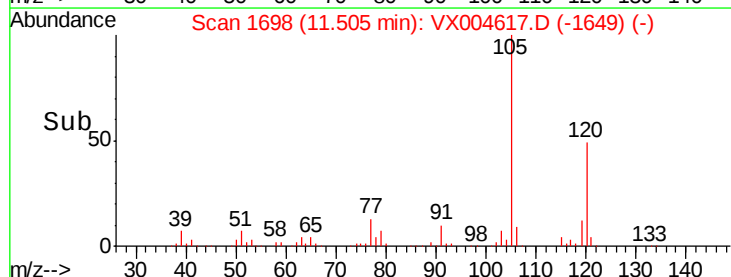
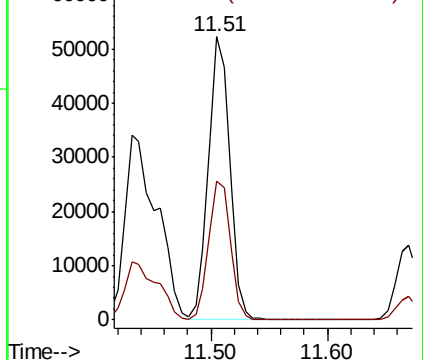
105 100

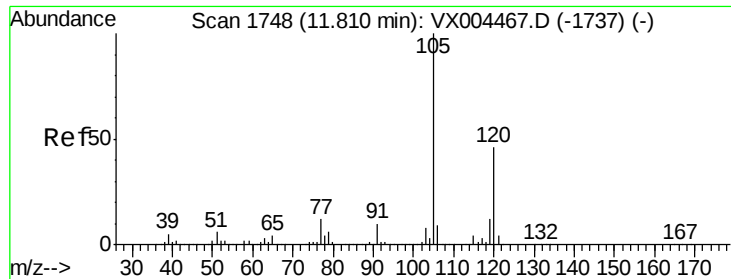
120 49.8 25.6 76.8



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: 14.38 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

Instrument :

MSVOA_X

ClientSampleId :

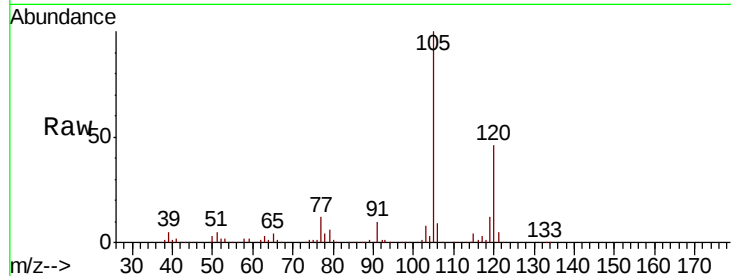
ROLLOFF01-COMP-FILLDL

Tot Ion:105 Resp: 208589

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

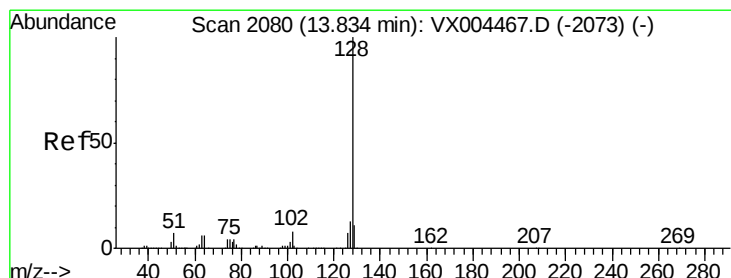
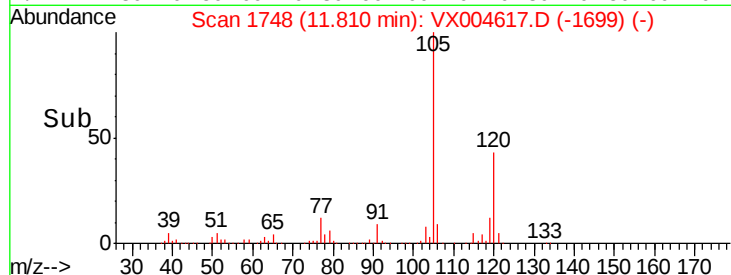
100000

50000

0

11.70 11.80 11.90

Time-->



#95

Naphthalene

Concen: 665.00 ug/l

RT: 13.84 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX004617.D

Acq: 16 Sep 2018 06:39

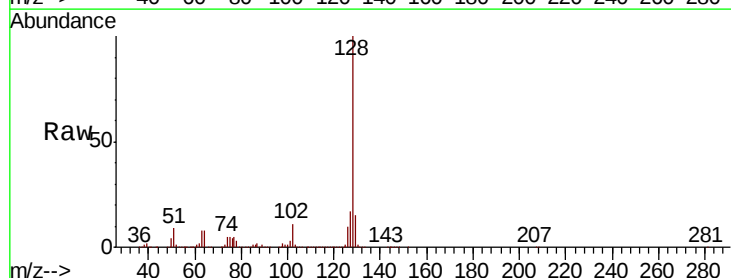
Tgt Ion:128 Resp:11653464

Ion Ratio Lower Upper

128 100

127 15.2 10.2 15.2

129 13.4 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

1e+07

8000000

6000000

4000000

2000000

0

13.80 13.90 14.00

Time-->

