

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004543.D
 Acq On : 14 Sep 2018 16:40
 Operator : JC/MD
 Sample : J4898-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLLOFF02-COMP-FILL

Quant Time: Sep 15 05:44:20 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	287663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	405429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243258	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	184157	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
35) Dibromofluoromethane	5.50	113	168856	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	
50) Toluene-d8	8.71	98	593366	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.14	95	221805	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	

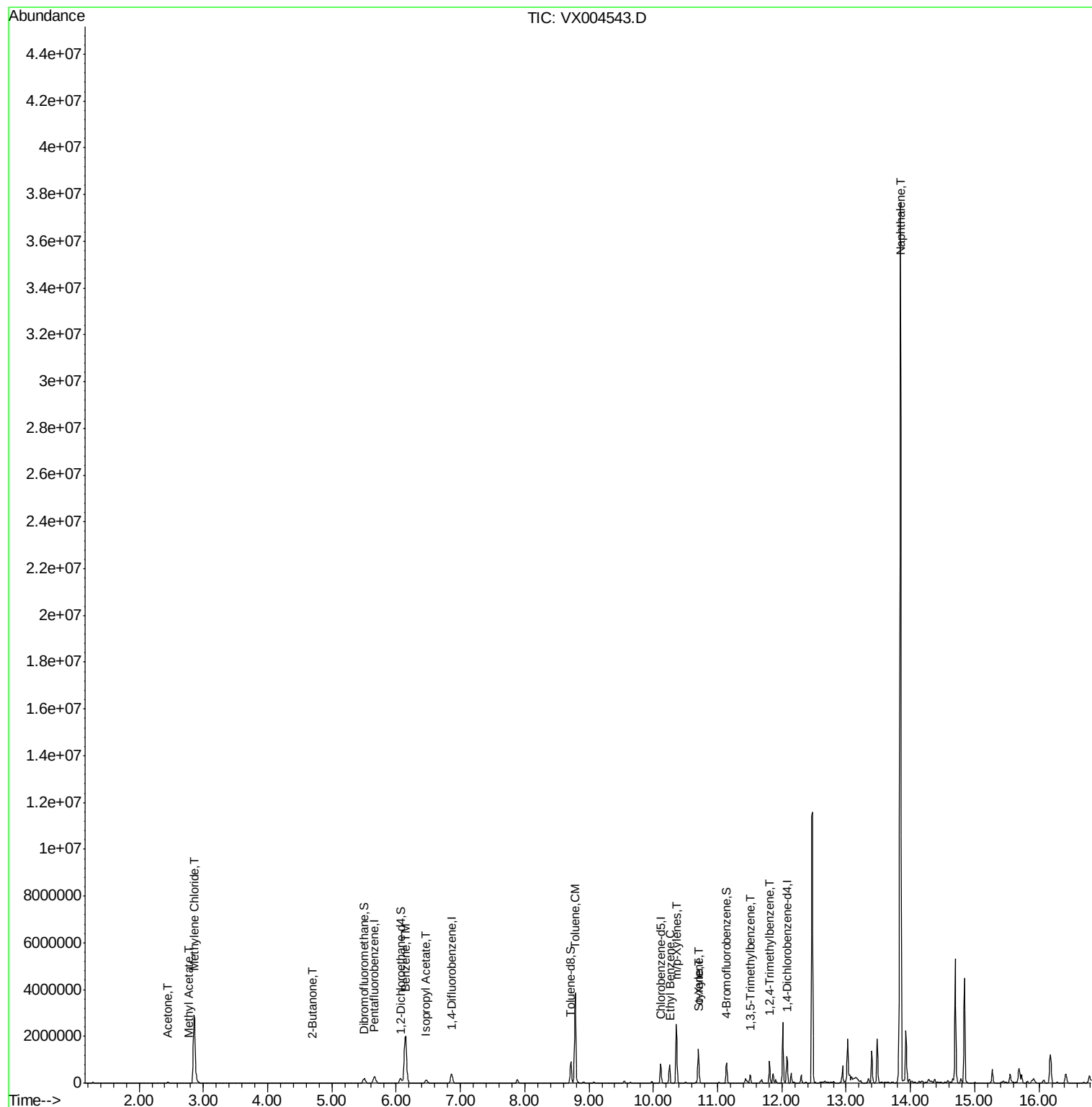
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	23841	13.17	ug/l	95
18) Methyl Acetate	2.78	43	5425	1.07	ug/l	93
20) Methylene Chloride	2.85	84	1490334	401.30	ug/l	91
25) 2-Butanone	4.71	43	5150	1.79	ug/l	98
40) Benzene	6.15	78	2517851	172.41	ug/l	99
43) Isopropyl Acetate	6.46	43	147016	19.77	ug/l	100
52) Toluene	8.79	92	1419151	164.93	ug/l	95
67) Ethyl Benzene	10.26	91	473840	29.79	ug/l	99
68) m/p-Xylenes	10.36	106	584836	95.45	ug/l	98
69) o-Xylene	10.70	106	291679	49.52	ug/l	100
70) Styrene	10.71	104	148725	15.24	ug/l #	76
80) 1,3,5-Trimethylbenzene	11.51	105	148477	11.02	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	418534	30.44	ug/l	99
95) Naphthalene	13.83	128	17159167	1033.24	ug/l #	70

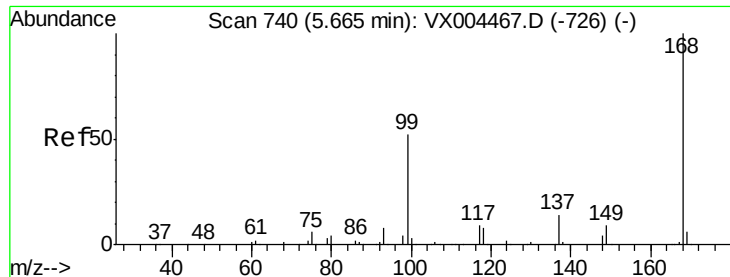
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

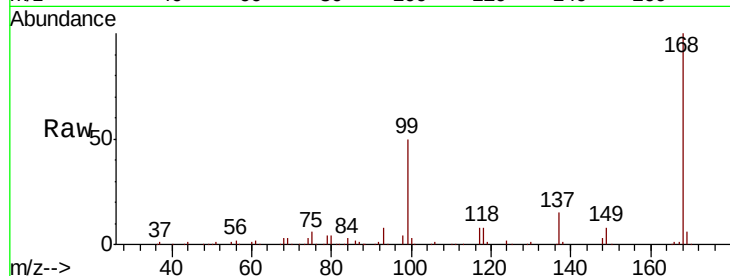
ROLLOFF02-COMP-FILL

Tot Ion:168 Resp: 287663

Ion Ratio Lower Upper

168 100

99 50.2 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

120000

100000

80000

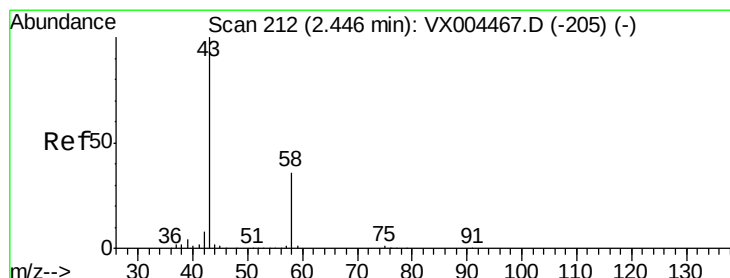
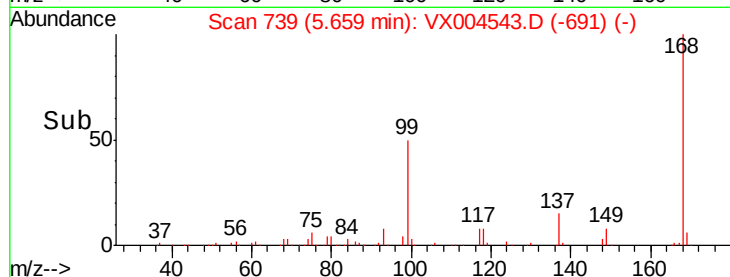
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.17 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004543.D

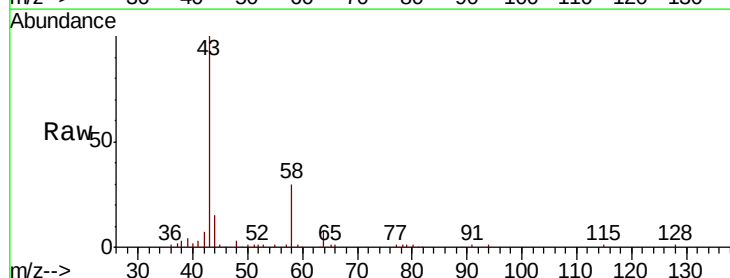
Acq: 14 Sep 2018 16:40

Tgt Ion: 43 Resp: 23841

Ion Ratio Lower Upper

43 100

58 30.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

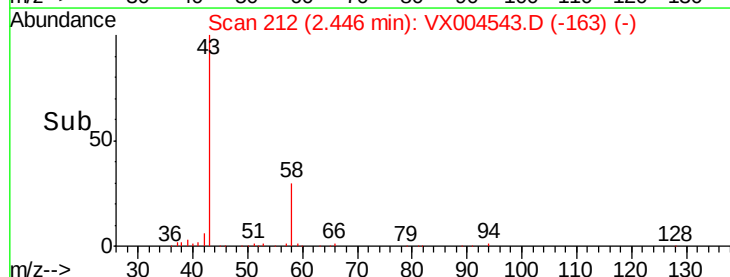
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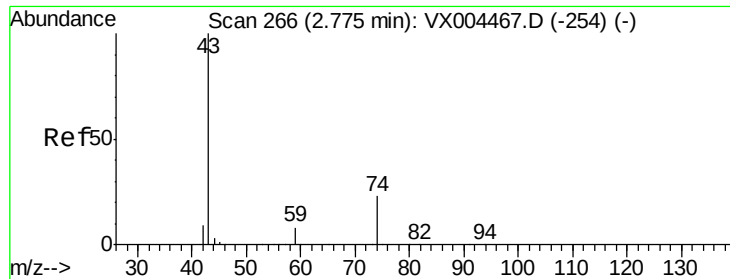
10000

5000

0

Time--> 2.40 2.50

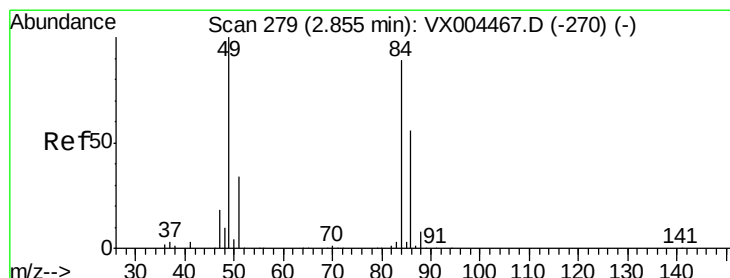
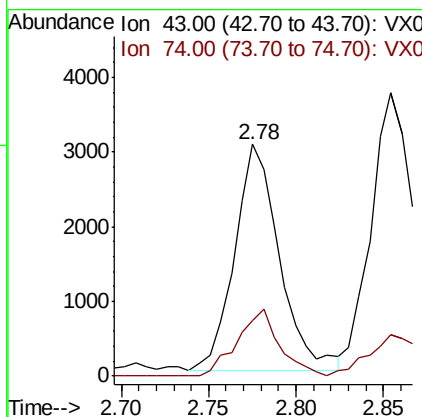
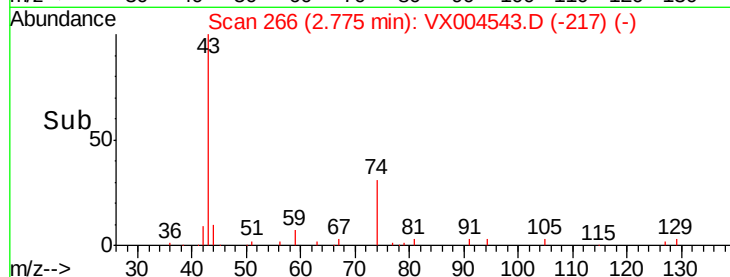
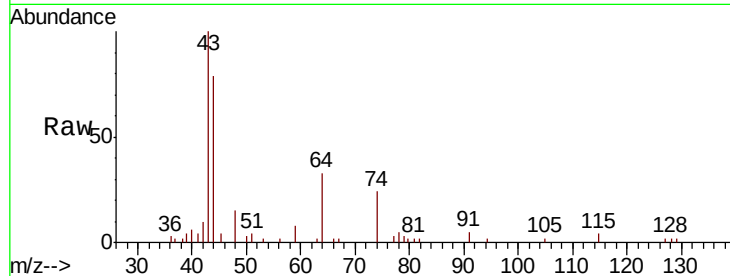




#18
Methvl Acetate
Concen: 1.07 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

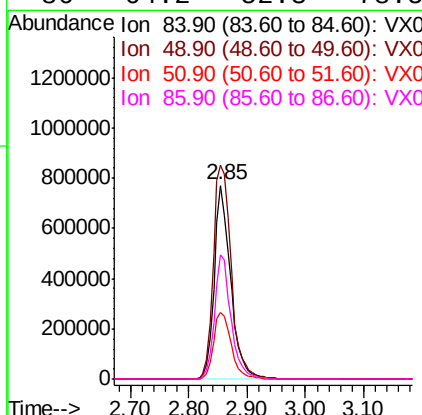
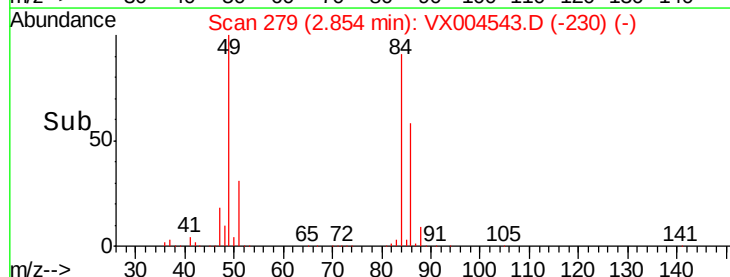
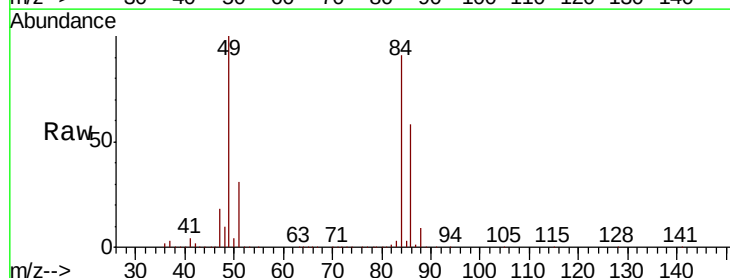
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

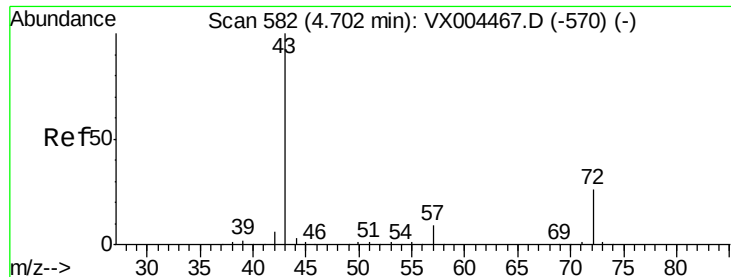
Tot Ion: 43 Resp: 5425
Ion Ratio Lower Upper
43 100
74 27.6 19.4 29.2



#20
Methylene Chloride
Concen: 401.30 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 84 Resp: 1490334
Ion Ratio Lower Upper
84 100
49 110.2 101.2 151.8
51 34.1 29.5 44.3
86 64.2 52.3 78.5

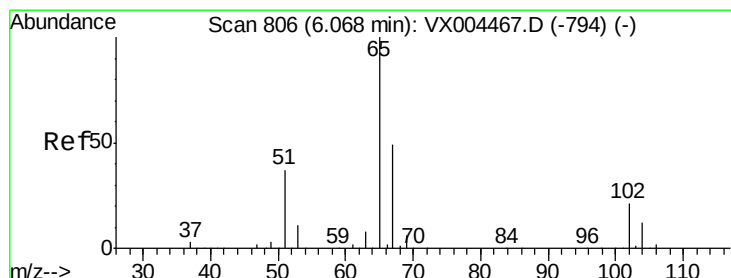
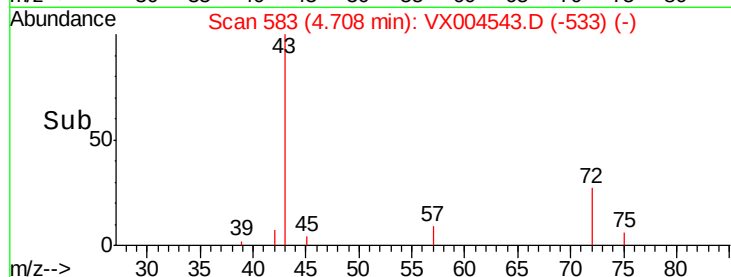
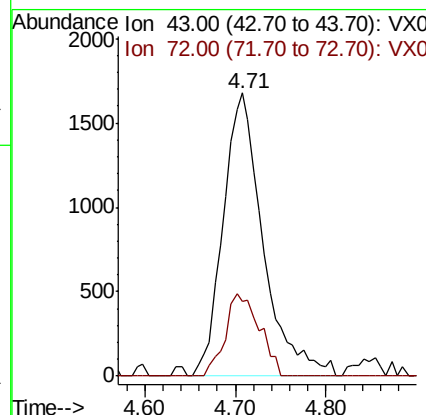
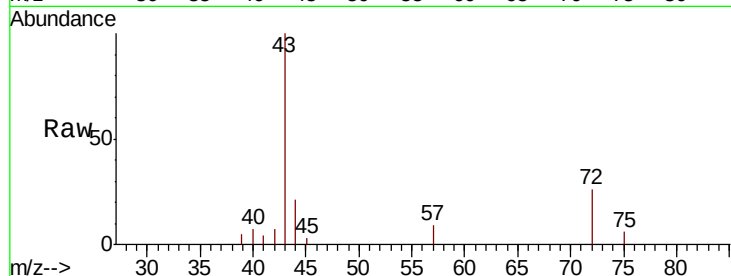




#25
2-Butanone
Concen: 1.79 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

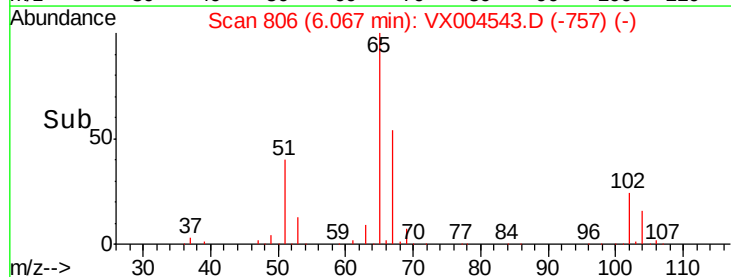
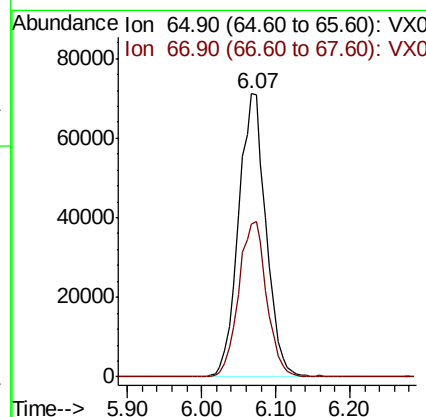
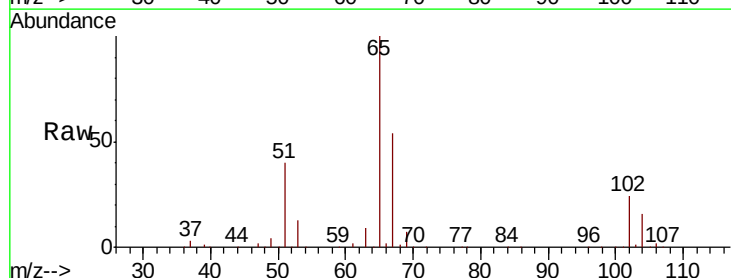
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

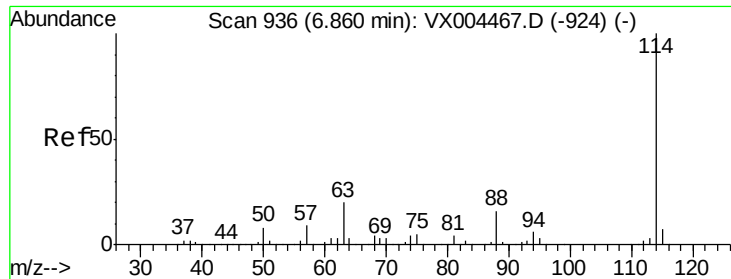
Tot Ion: 43 Resp: 5150
Ion Ratio Lower Upper
43 100
72 26.3 22.0 33.0



#33
1,2-Dichloroethane-d4
Concen: 49.65 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 65 Resp: 184157
Ion Ratio Lower Upper
65 100
67 55.9 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

ROLLOFF02-COMP-FILL

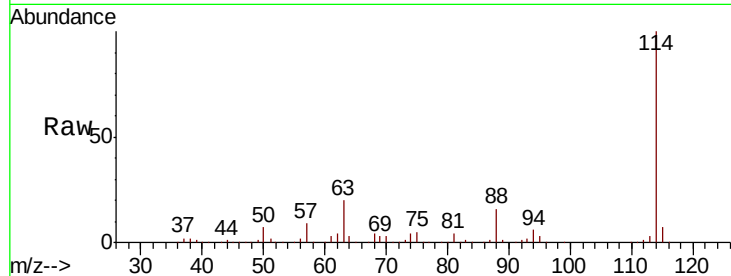
Tot Ion:114 Resp: 405429

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

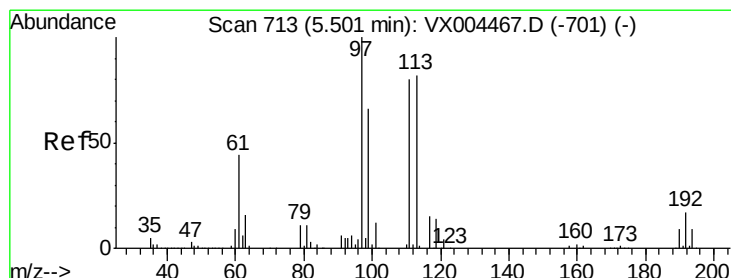
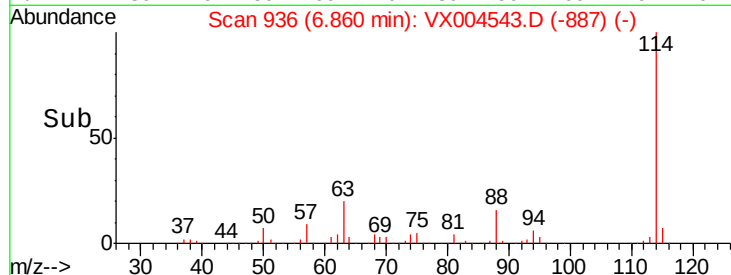
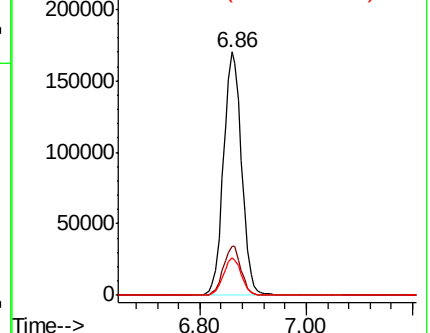
88 15.5 0.0 30.4



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: 45.51 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

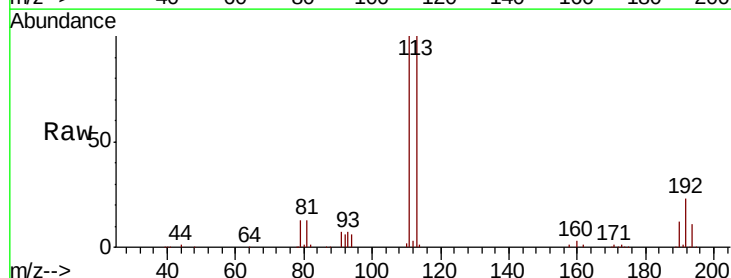
Tgt Ion:113 Resp: 168856

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

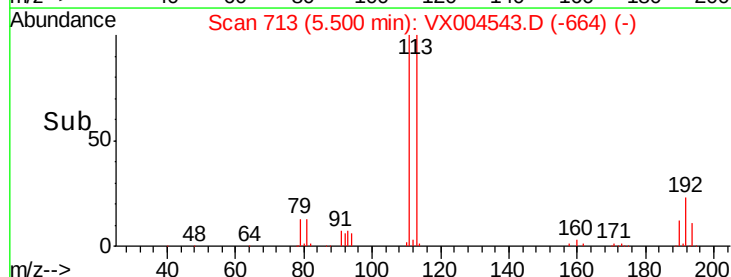
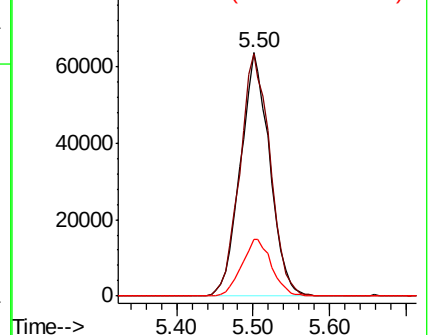
192 23.9 19.4 29.2

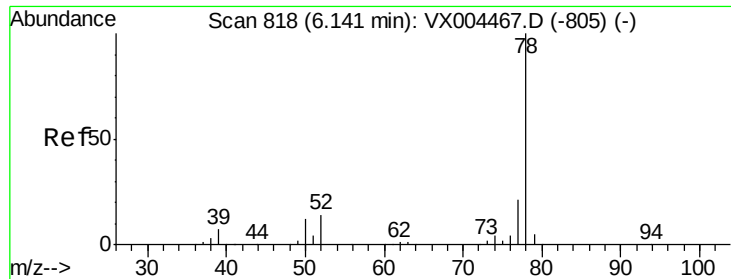


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 172.41 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

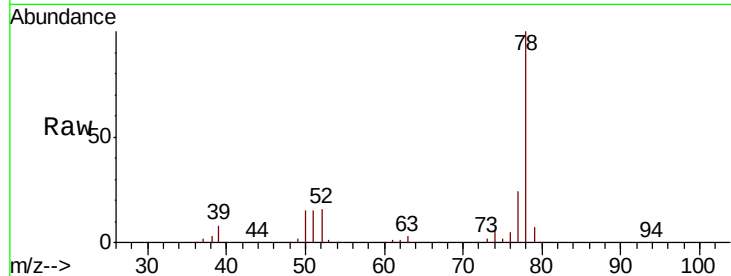
ROLLOFF02-COMP-FILL

Tot Ion: 78 Resp: 2517851

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

1000000

800000

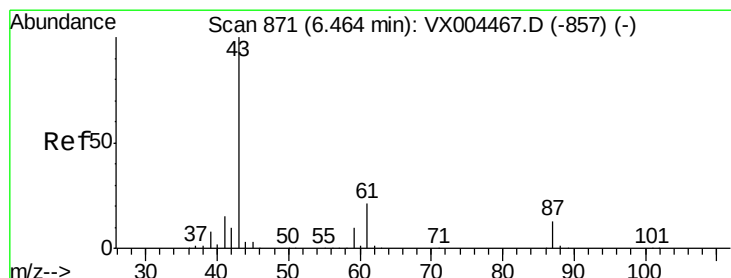
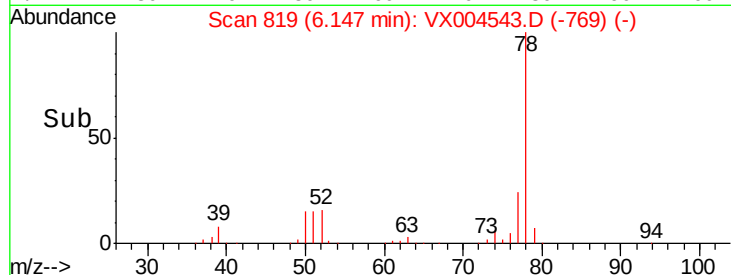
600000

400000

200000

0

Time-->



#43

Isopropyl Acetate

Concen: 19.77 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

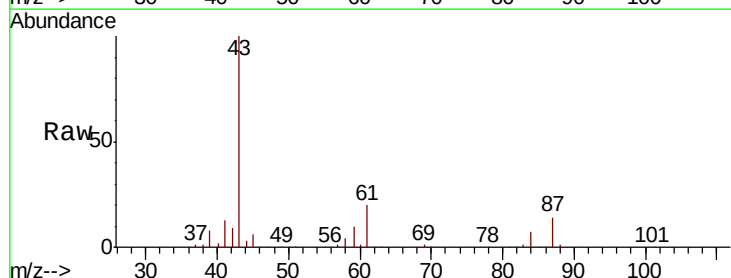
Tgt Ion: 43 Resp: 147016

Ion Ratio Lower Upper

43 100

61 21.3 17.0 25.4

87 14.1 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

6.46

80000

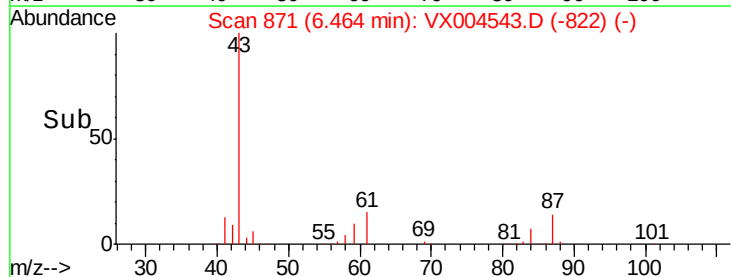
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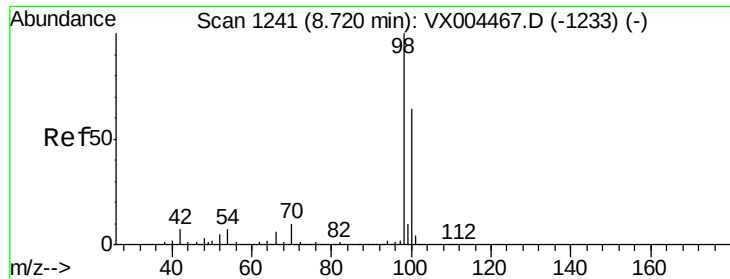
40000

20000

0

Time-->

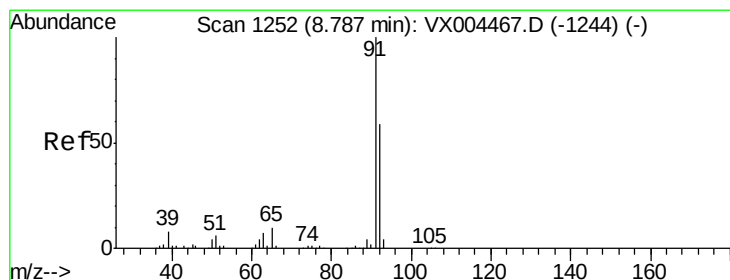
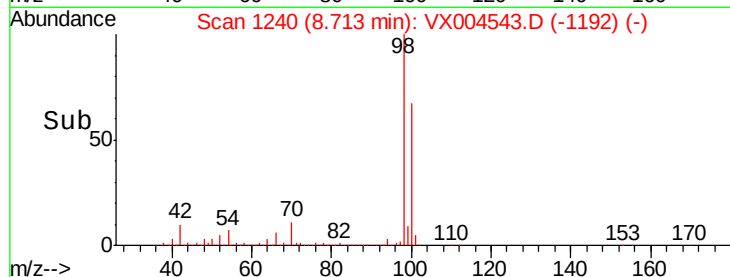
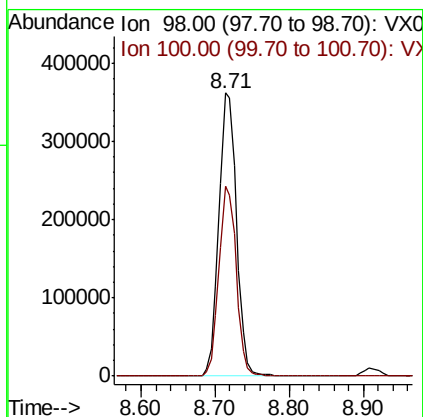
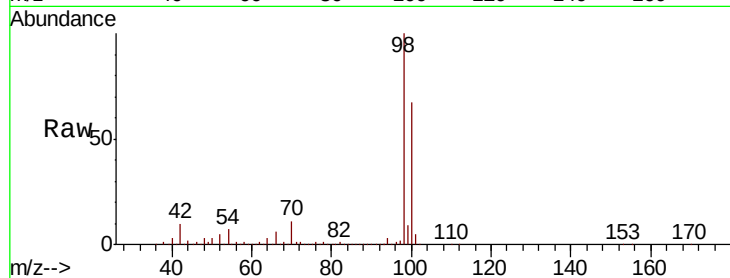




#50
Toluene-d8
Concen: 47.69 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

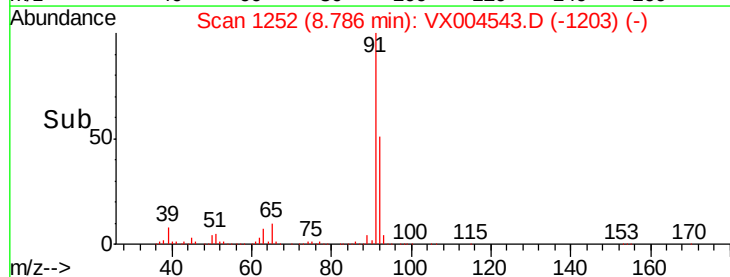
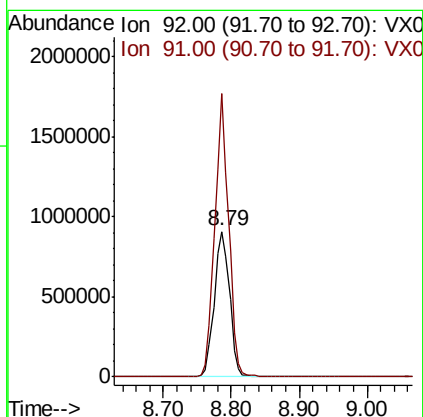
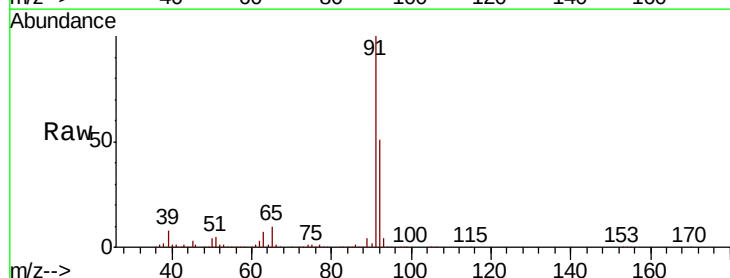
Instrument :
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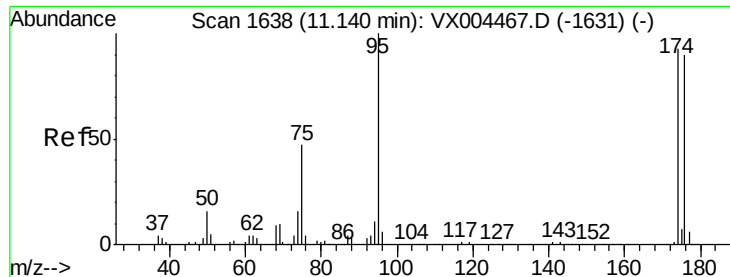
Tot Ion: 98 Resp: 593366
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#52
Toluene
Concen: 164.93 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 92 Resp: 1419151
Ion Ratio Lower Upper
92 100
91 177.2 136.4 204.6

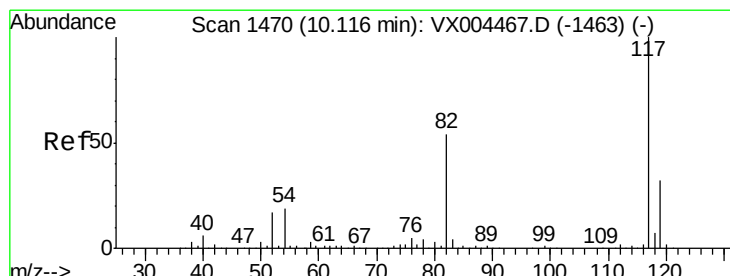
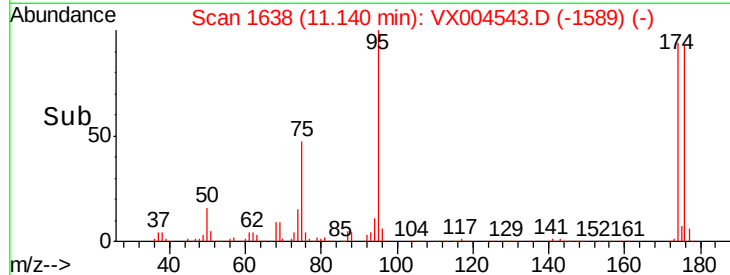
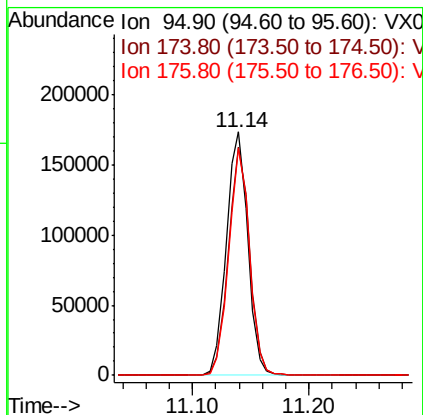
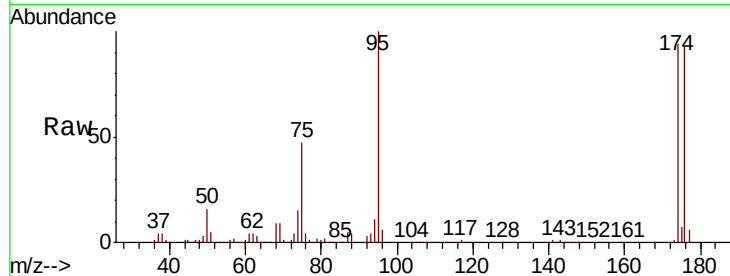




#62
4-Bromofluorobenzene
Concen: 49.94 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

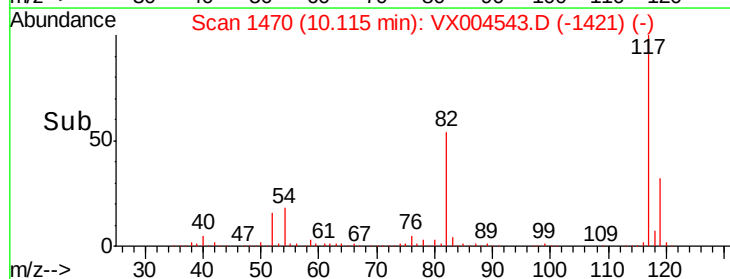
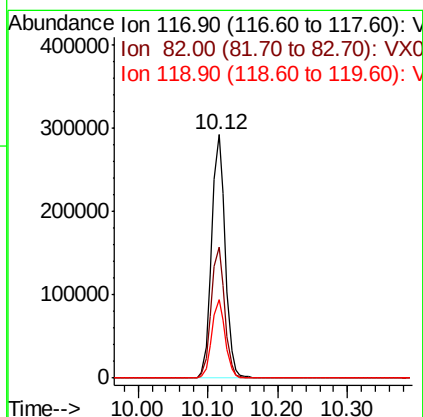
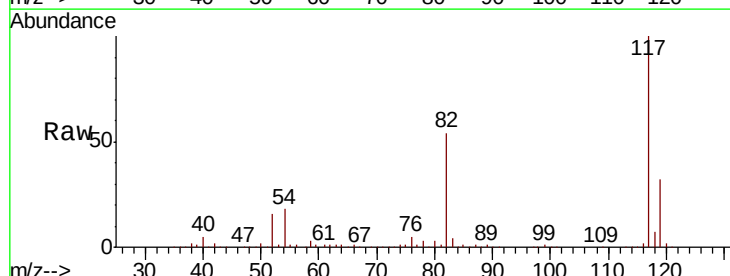
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

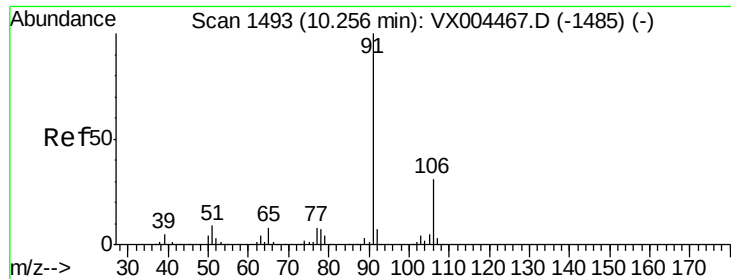
Tot Ion: 95 Resp: 221805
Ion Ratio Lower Upper
95 100
174 92.8 0.0 185.2
176 90.3 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 117 Resp: 393812
Ion Ratio Lower Upper
117 100
82 54.0 47.8 71.6
119 32.1 29.3 43.9

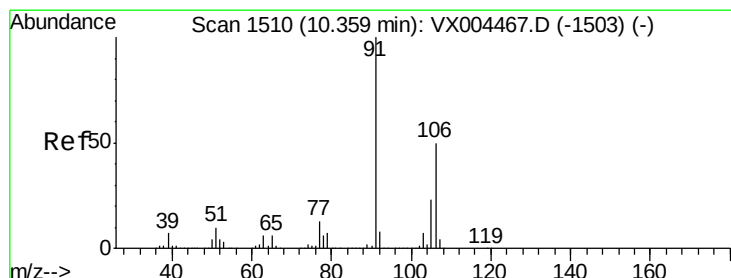
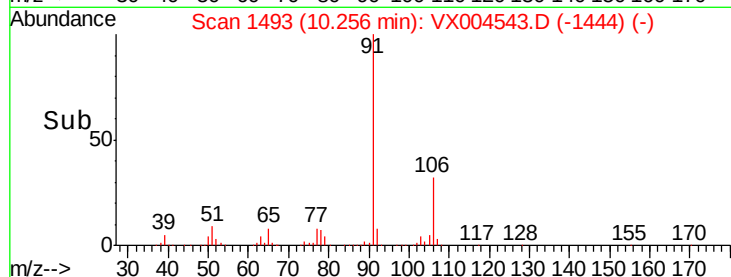
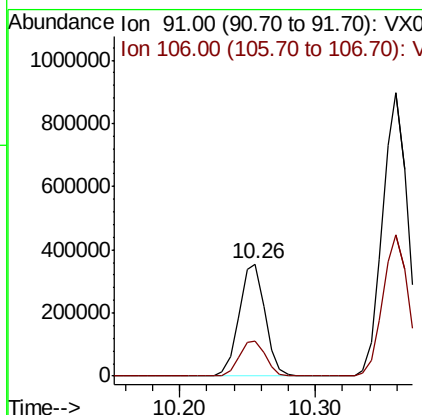
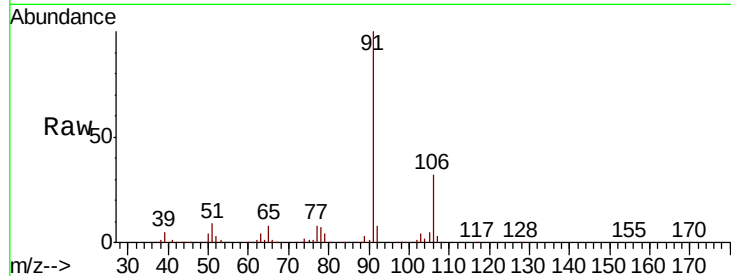




#67
Ethyl Benzene
Concen: 29.79 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

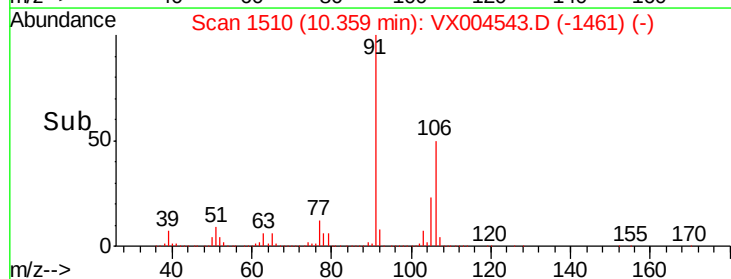
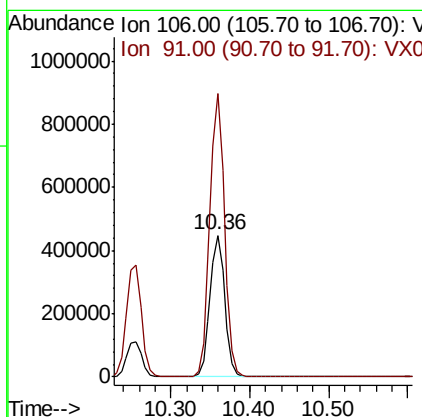
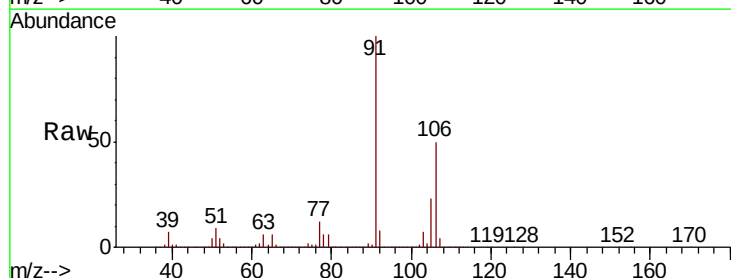
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

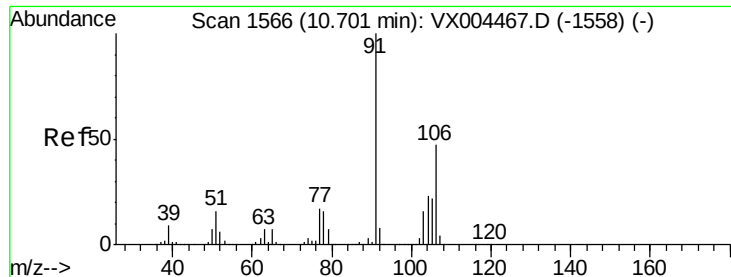
Tot Ion: 91 Resp: 473840
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 95.45 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion: 106 Resp: 584836
Ion Ratio Lower Upper
106 100
91 199.7 157.1 235.7

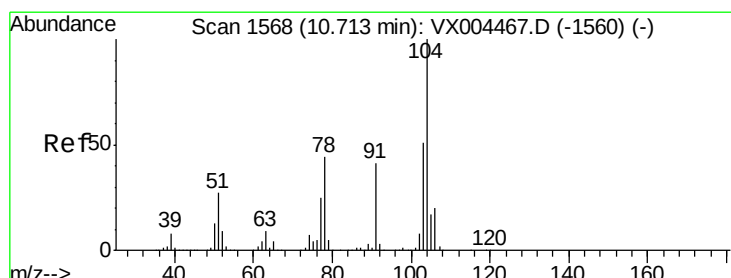
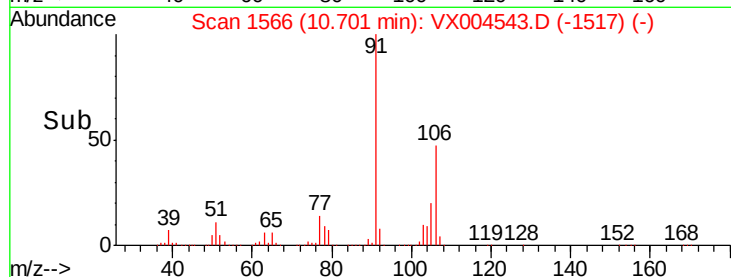
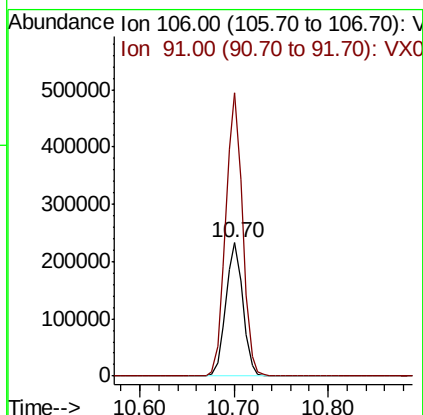
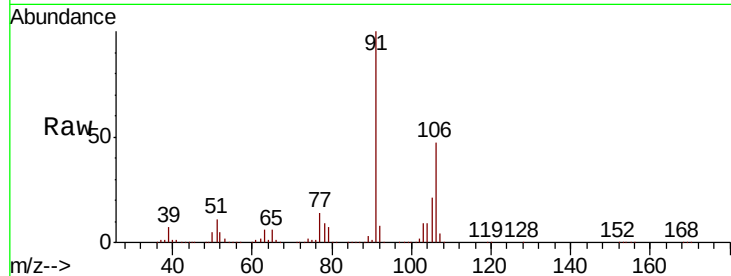




#69
o-Xylene
Concen: 49.52 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

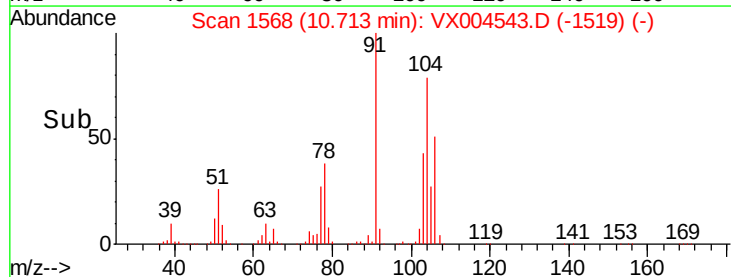
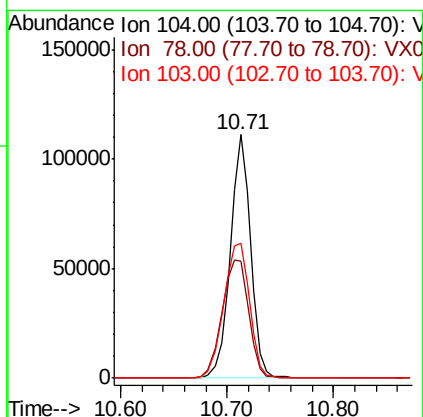
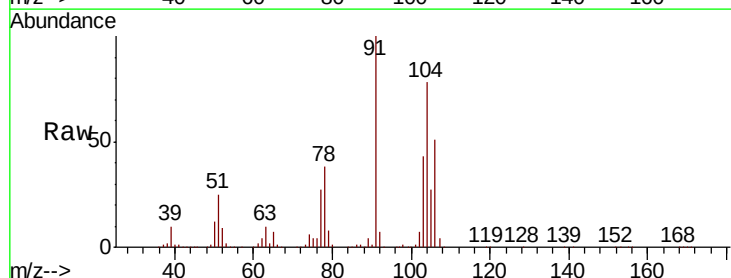
Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

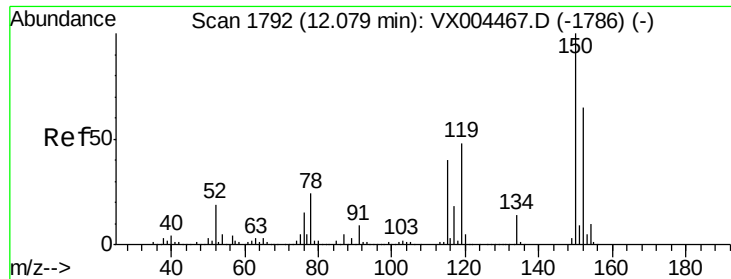
Tot Ion:106 Resp: 291679
Ion Ratio Lower Upper
106 100
91 210.5 105.1 315.1



#70
Styrene
Concen: 15.24 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion:104 Resp: 148725
Ion Ratio Lower Upper
104 100
78 63.8 37.4 56.0#
103 70.4 43.8 65.6#



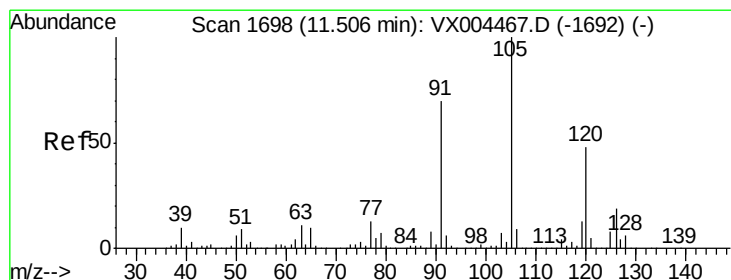
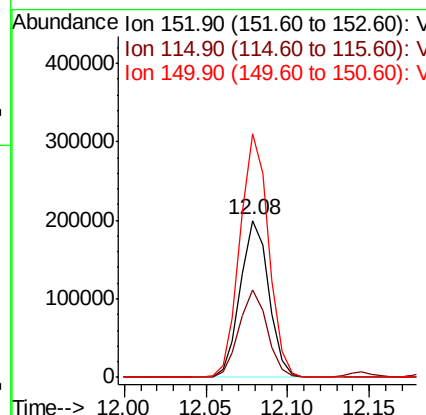
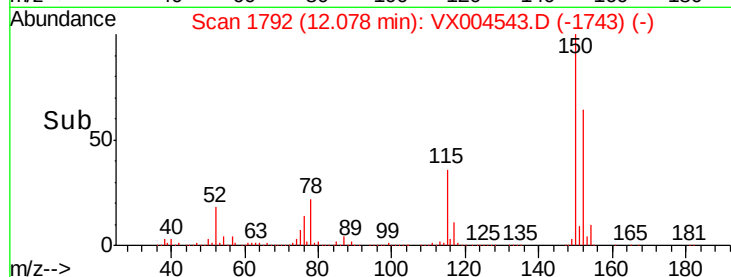
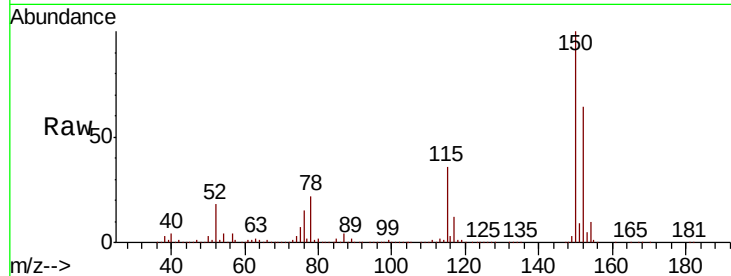


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
ROLLOFF02-COMP-FILL

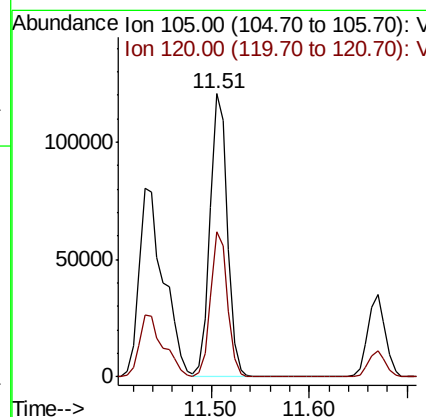
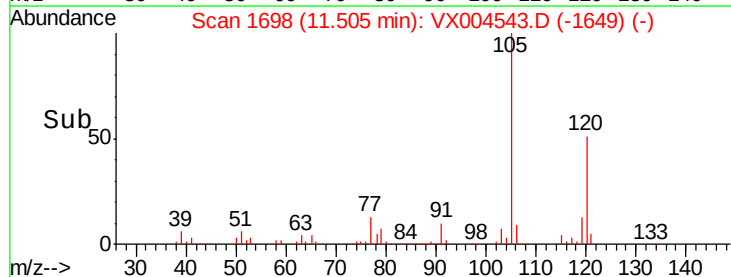
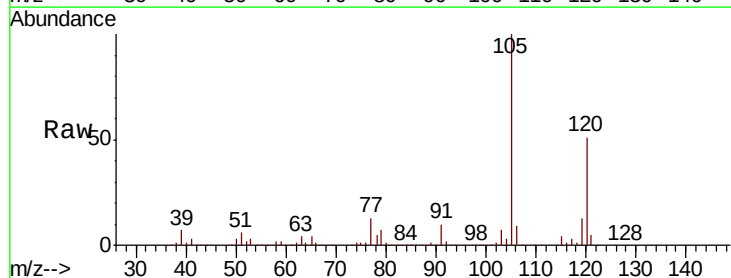
Tot Ion:152 Resp: 243258
Ion Ratio Lower Upper
152 100
115 54.7 39.0 117.0
150 156.1 0.0 351.0

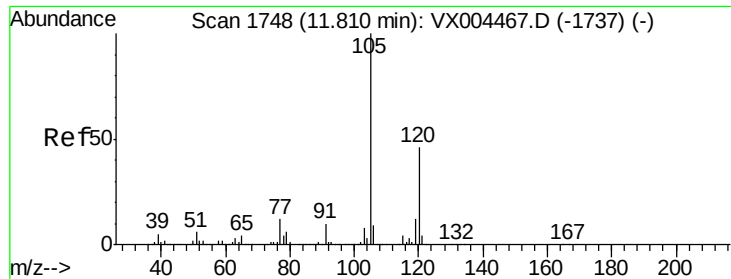


#80

1,3,5-Trimethylbenzene
Concen: 11.02 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX004543.D
Acq: 14 Sep 2018 16:40

Tgt Ion:105 Resp: 148477
Ion Ratio Lower Upper
105 100
120 49.6 25.6 76.8





#84

1,2,4-Trimethylbenzene

Concen: 30.44 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

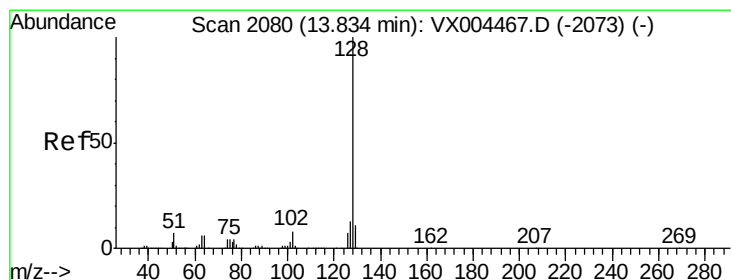
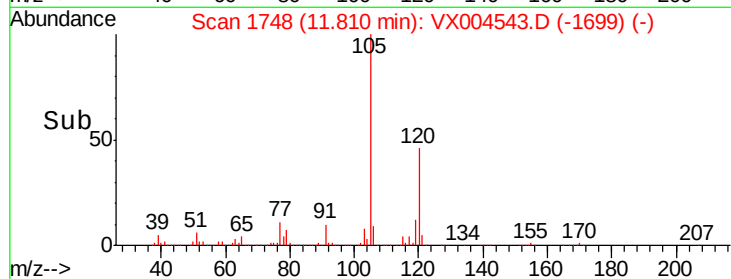
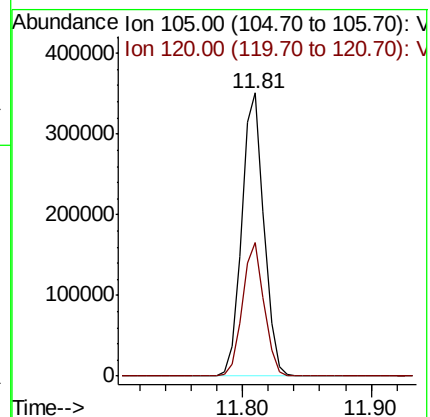
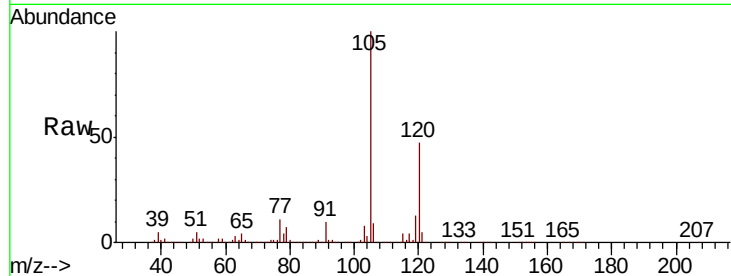
ROLLOFF02-COMP-FILL

Tot Ion:105 Resp: 418534

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6



#95

Naphthalene

Concen: 1033.24 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004543.D

Acq: 14 Sep 2018 16:40

Tgt Ion:128 Resp:17159167

Ion Ratio Lower Upper

128 100

127 24.5 10.2 15.2#

129 22.0 8.6 12.8#

