

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001433.D
 Acq On : 05 May 2018 21:55
 Operator : JC/MD
 Sample : J2695-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-DRUM-2

Quant Time: May 06 08:27:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165729	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	160119	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
35) Dibromofluoromethane	5.51	113	123486	42.11	ug/l	0.00
Spiked Amount			Recovery	=	84.22%	
50) Toluene-d8	8.72	98	462268	43.18	ug/l	0.00
Spiked Amount			Recovery	=	86.36%	
62) 4-Bromofluorobenzene	11.14	95	155727	37.90	ug/l	0.00
Spiked Amount			Recovery	=	75.80%	

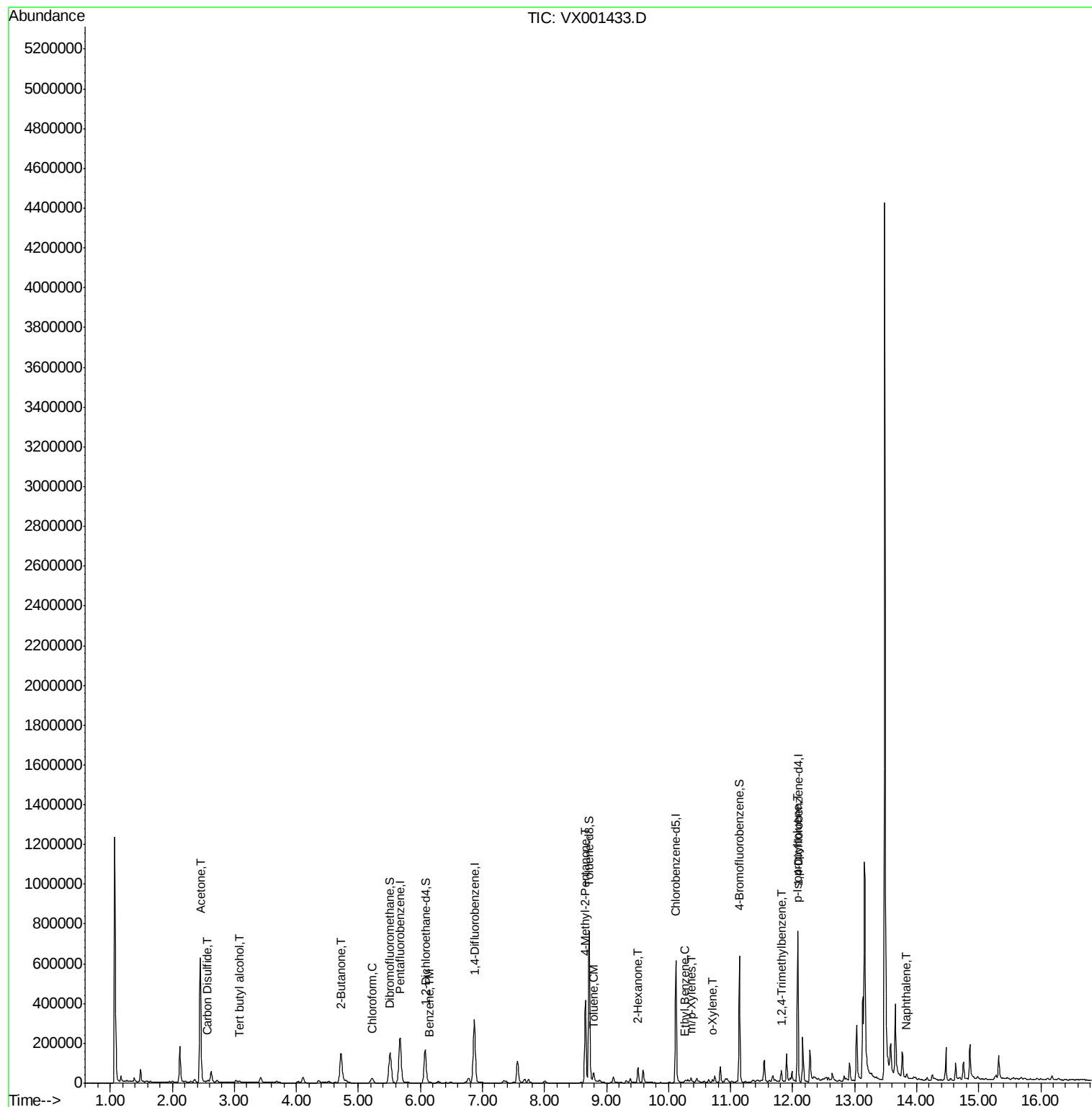
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.08	59	6708	9.097	ug/l #	94
16) Acetone	2.45	43	682308	429.617	ug/l	99
17) Carbon Disulfide	2.57	76	14256	2.080	ug/l	99
25) 2-Butanone	4.72	43	266898	116.258	ug/l	97
30) Chloroform	5.23	83	16105	2.984	ug/l	96
40) Benzene	6.15	78	4734	0.386	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	245050	52.253	ug/l	97
52) Toluene	8.79	92	9923	1.239	ug/l	99
59) 2-Hexanone	9.51	43	41538	11.567	ug/l	100
67) Ethyl Benzene	10.26	91	3825	0.274	ug/l	98
68) m/p-Xylenes	10.36	106	5864	1.062	ug/l	98
69) o-Xylene	10.70	106	2790	0.520	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	10687	1.089	ug/l	79
86) p-Isopropyltoluene	12.07	119	3324	0.318	ug/l #	71
95) Naphthalene	13.84	128	5878	0.479	ug/l	95

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001433.D

Acq: 05 May 2018 21:55

Instrument :

MSVOA_X

ClientSampleId :

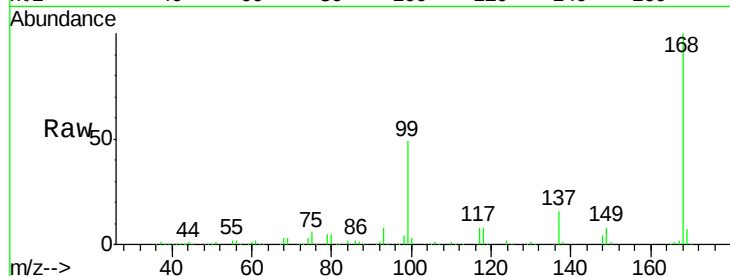
CS-DRUM-2

Tot Ion:168 Resp: 243341

Ion Ratio Lower Upper

168 100

99 49.1 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

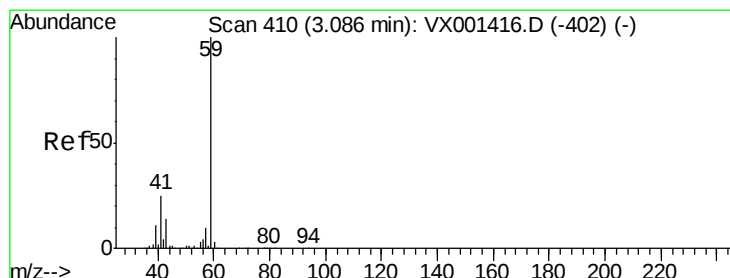
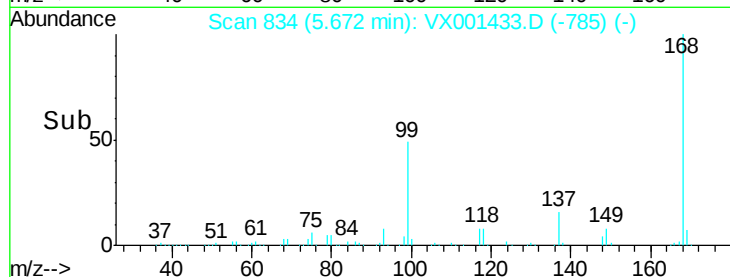
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#11

Tert butyl alcohol

Concen: 9.097 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX001433.D

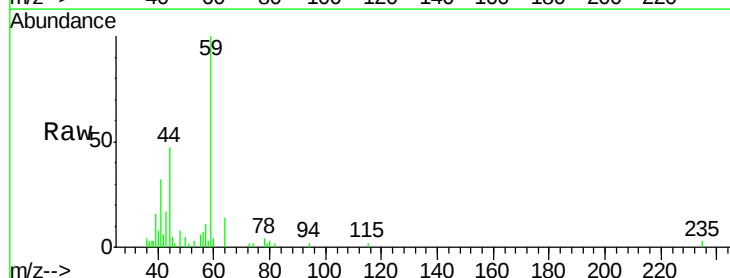
Acq: 05 May 2018 21:55

Tgt Ion: 59 Resp: 6708

Ion Ratio Lower Upper

59 100

57 12.7 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.08

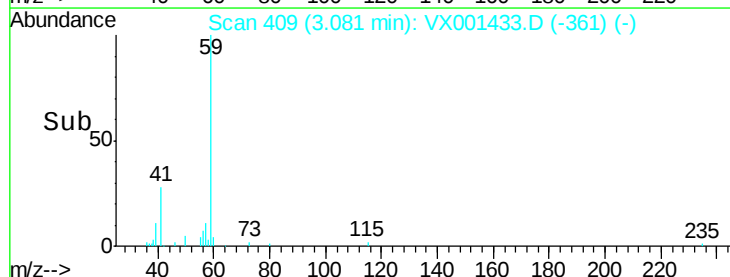
3000

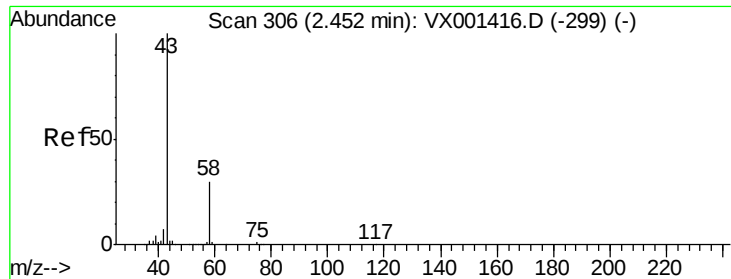
2000

1000

0

Time--> 3.00 3.05 3.10 3.15

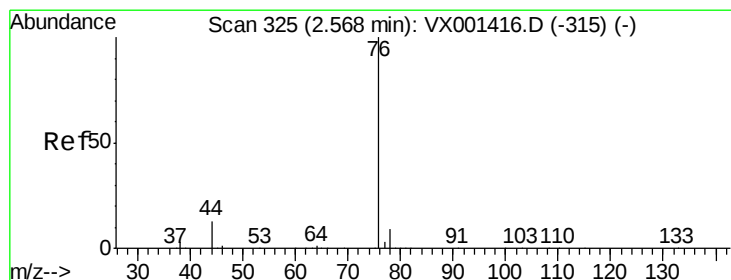
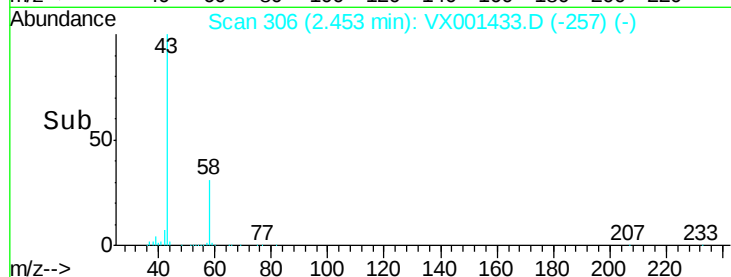
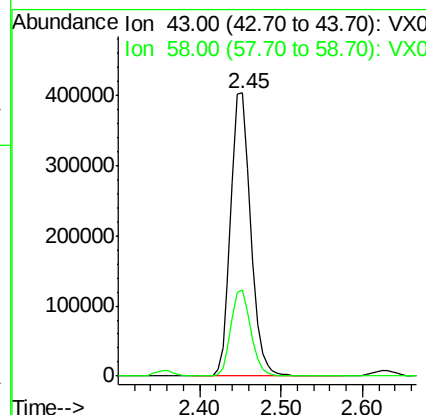
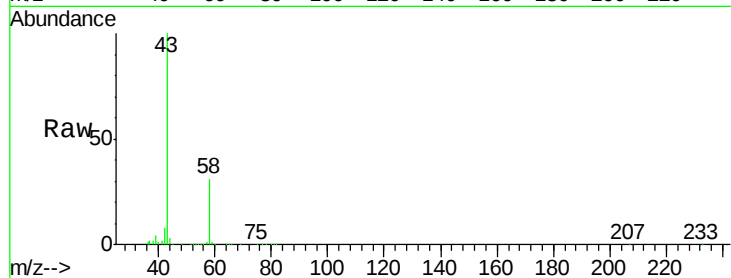




#16
Acetone
Concen: 429.617 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001433.D
Acq: 05 May 2018 21:55

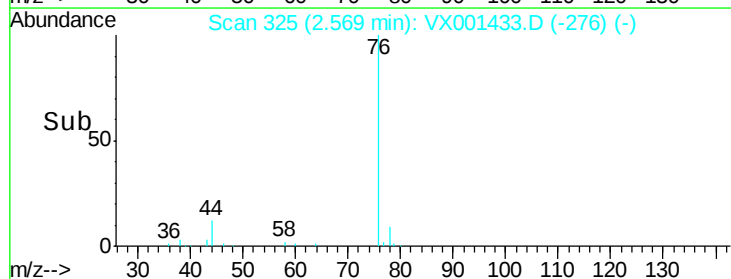
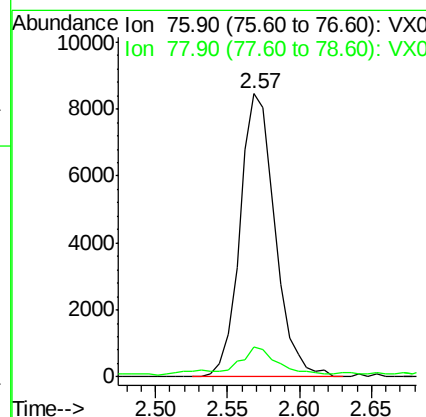
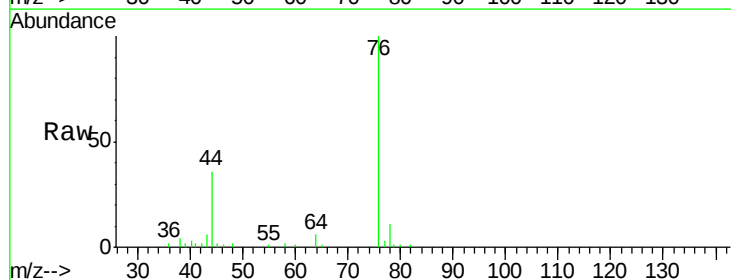
Instrument :
MSVOA_X
ClientSampleId :
CS-DRUM-2

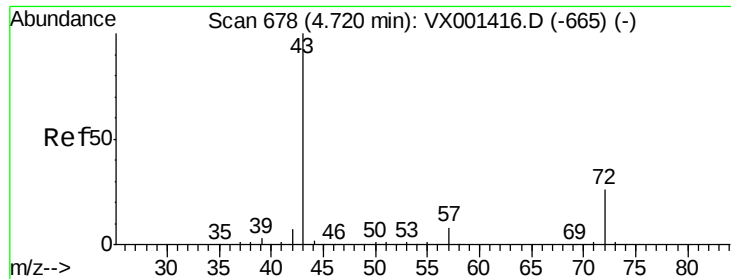
Tot Ion: 43 Resp: 682308
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.8



#17
Carbon Disulfide
Concen: 2.080 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001433.D
Acq: 05 May 2018 21:55

Tgt Ion: 76 Resp: 14256
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2





#25

2-Butanone

Concen: 116.258 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001433.D

Acq: 05 May 2018 21:55

Instrument :

MSVOA_X

ClientSampled :

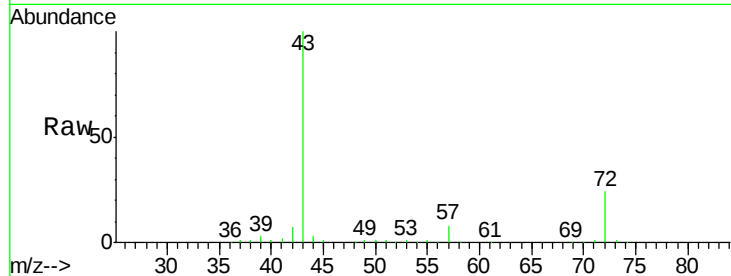
CS-DRUM-2

Tot Ion: 43 Resp: 266898

Ion Ratio Lower Upper

43 100

72 24.3 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

100000

80000

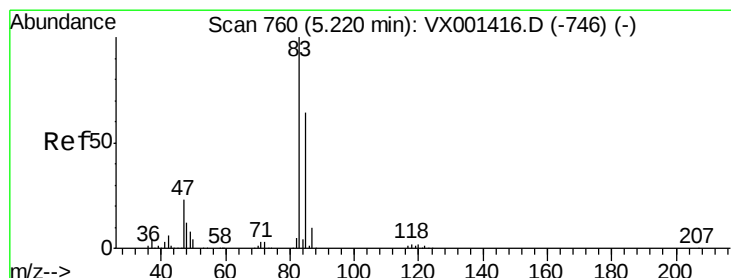
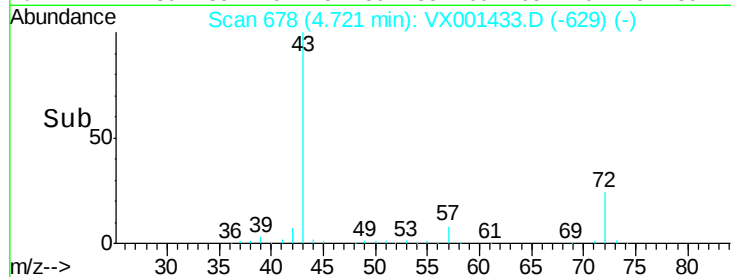
60000

40000

20000

0

Time-->



#30

Chloroform

Concen: 2.984 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001433.D

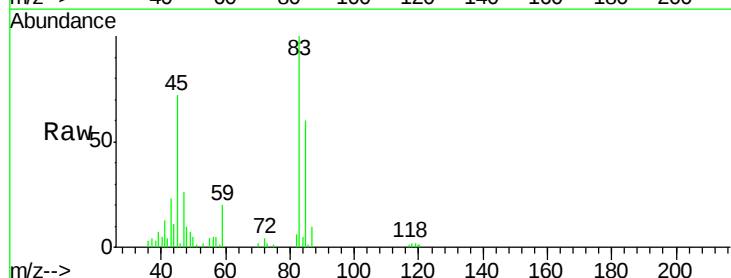
Acq: 05 May 2018 21:55

Tgt Ion: 83 Resp: 16105

Ion Ratio Lower Upper

83 100

85 60.3 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.23

6000

5000

4000

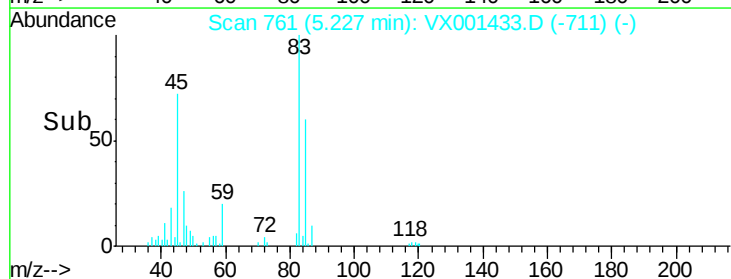
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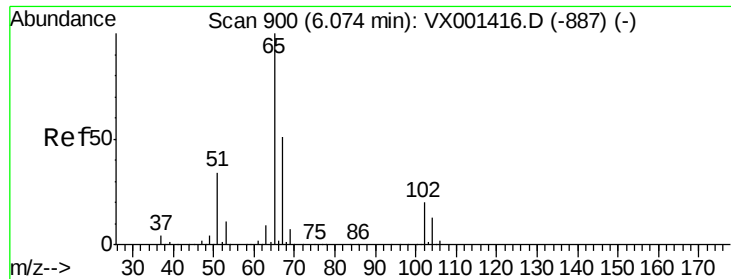
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.780 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001433.D

Acq: 05 May 2018 21:55

Instrument :

MSVOA_X

ClientSampleId :

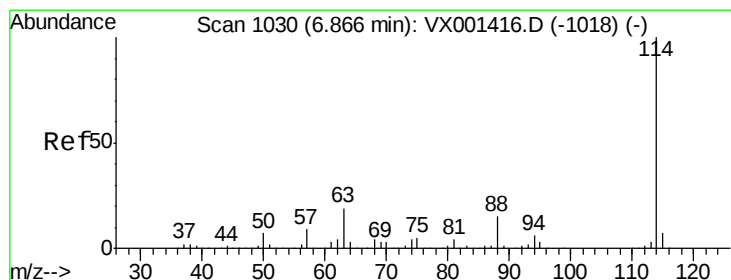
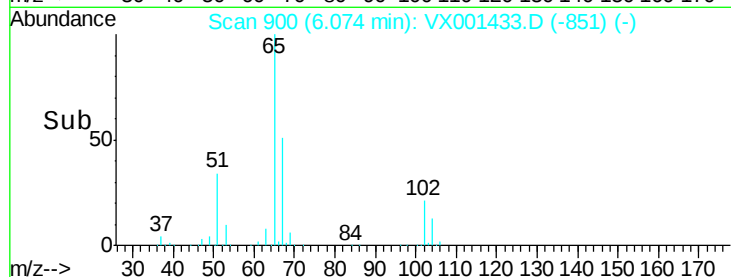
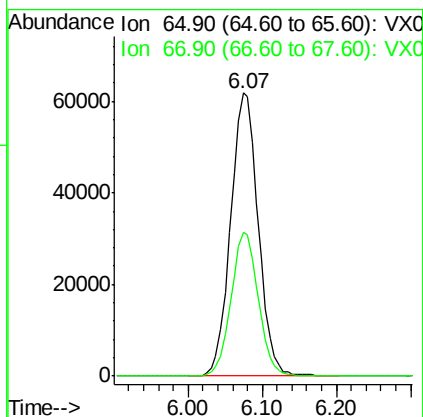
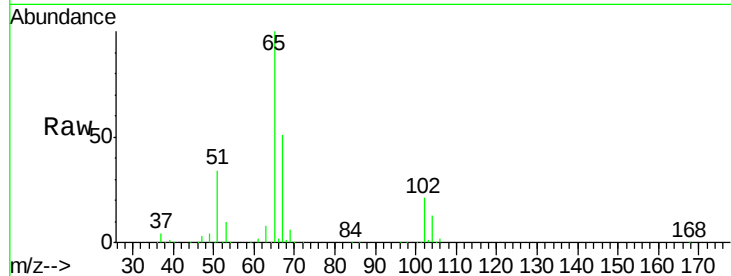
CS-DRUM-2

Tot Ion: 65 Resp: 160119

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001433.D

Acq: 05 May 2018 21:55

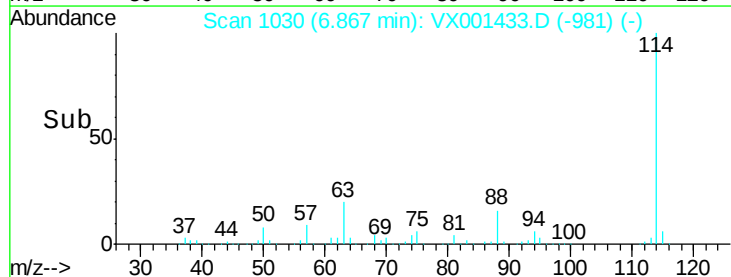
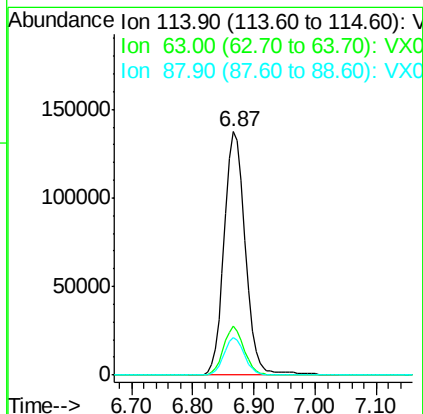
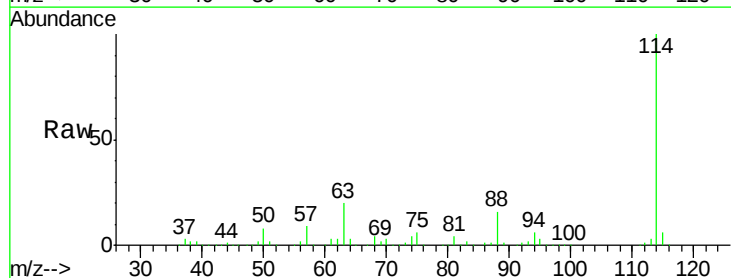
Tgt Ion: 114 Resp: 329698

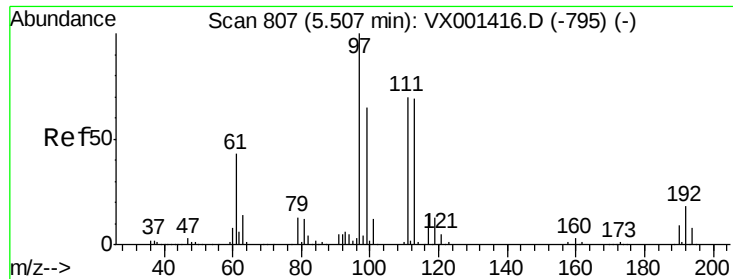
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

88 15.5 0.0 30.8

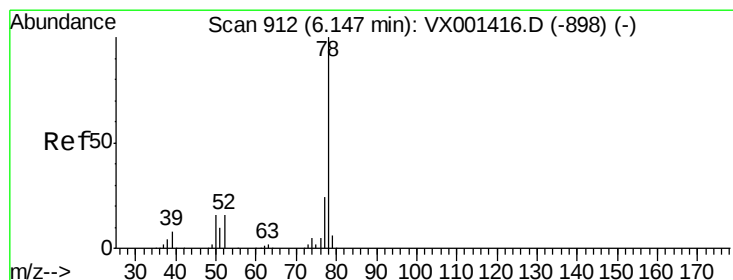
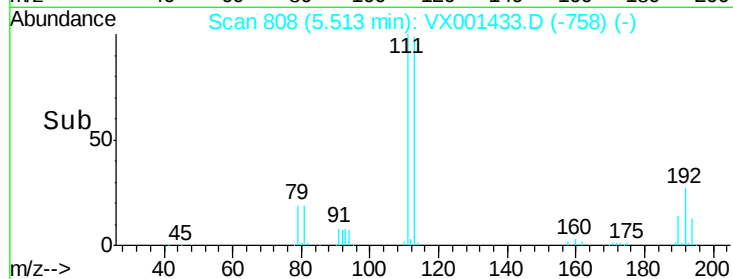
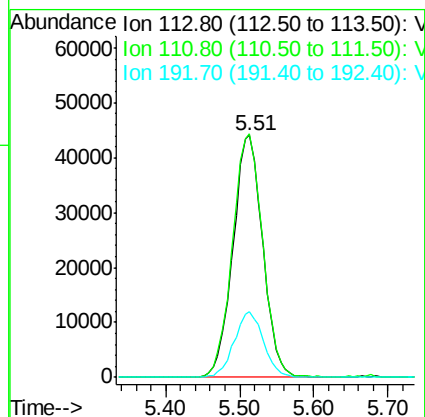
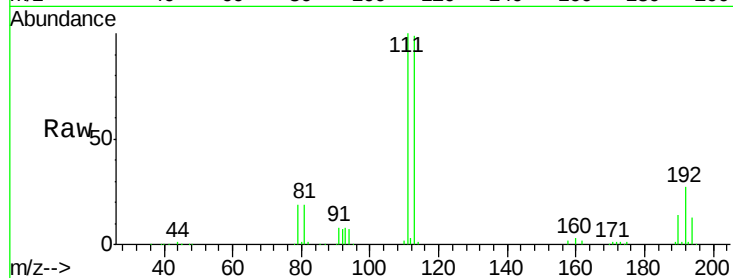




#35
 Dibromofluoromethane
 Concen: 42.108 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001433.D
 Acq: 05 May 2018 21:55

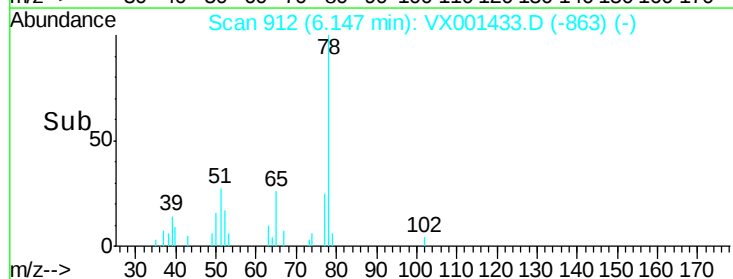
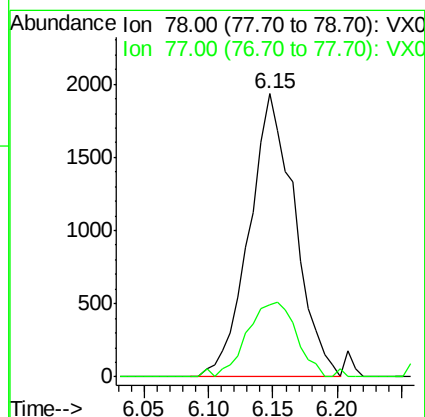
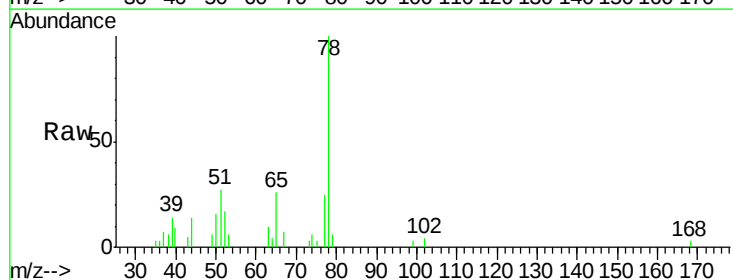
Instrument :
 MSVOA_X
 ClientSampleId :
 CS-DRUM-2

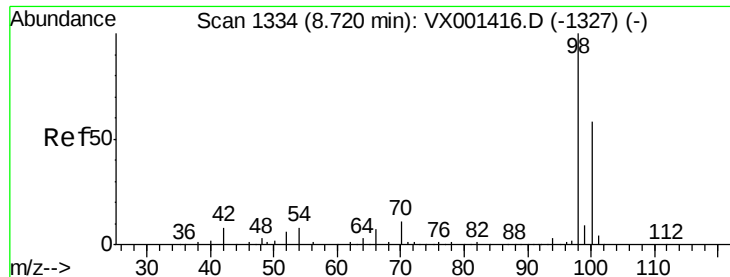
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	26.6	21.4	32.0



#40
 Benzene
 Concen: 0.386 ug/l
 RT: 6.15 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VX001433.D
 Acq: 05 May 2018 21:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	19.4	29.2

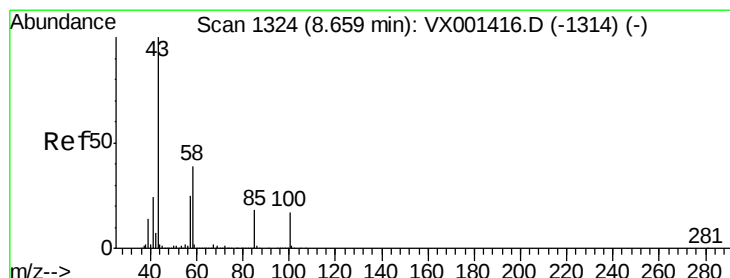
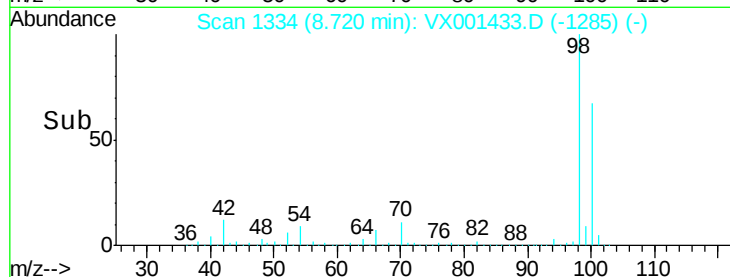
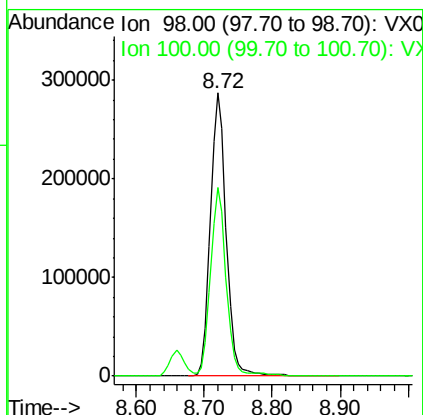
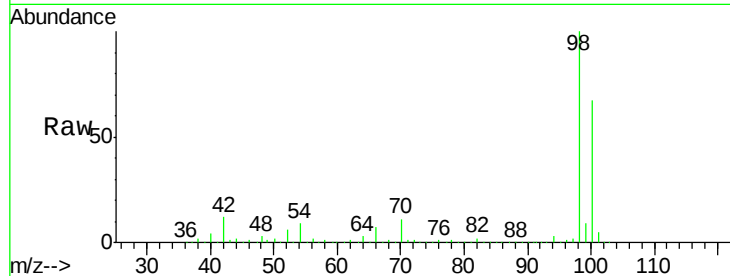




#50
Toluene-d8
Concen: 43.184 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001433.D
Acq: 05 May 2018 21:55

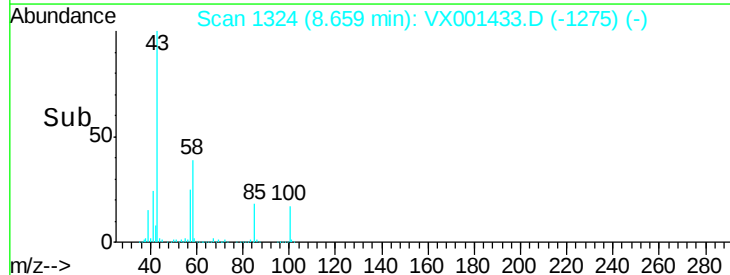
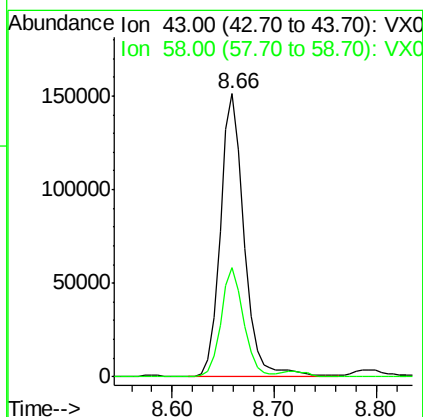
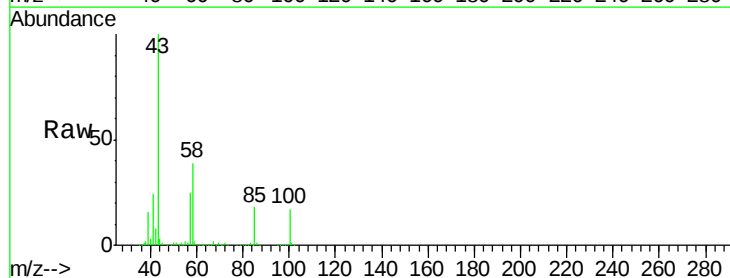
Instrument :
MSVOA_X
ClientSampleId :
CS-DRUM-2

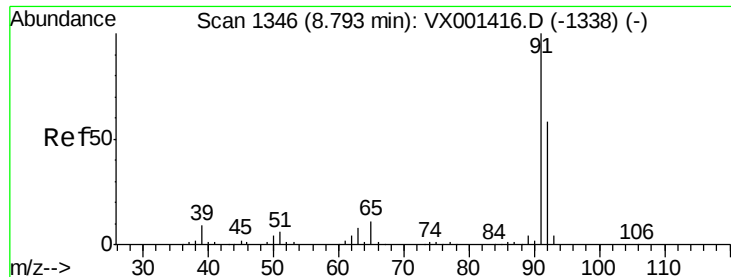
Tot Ion: 98 Resp: 462268
Ion Ratio Lower Upper
98 100
100 66.3 54.0 81.0



#51
4-Methyl-2-Pentanone
Concen: 52.253 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001433.D
Acq: 05 May 2018 21:55

Tgt Ion: 43 Resp: 245050
Ion Ratio Lower Upper
43 100
58 36.9 30.8 46.2





#52

Toluene

Concen: 1.239 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001433.D

Acq: 05 May 2018 21:55

Instrument :

MSVOA_X

ClientSampled :

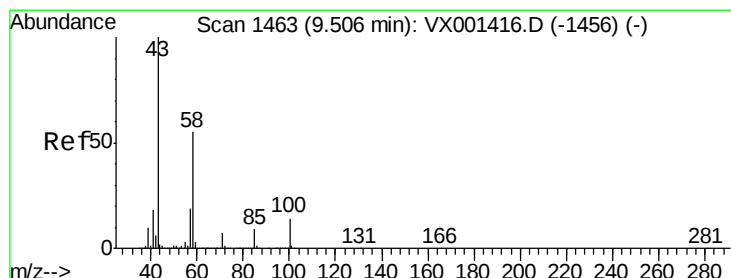
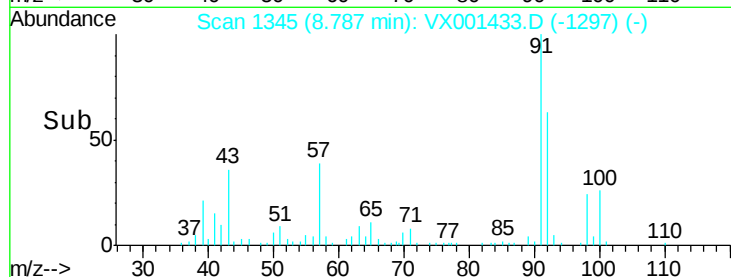
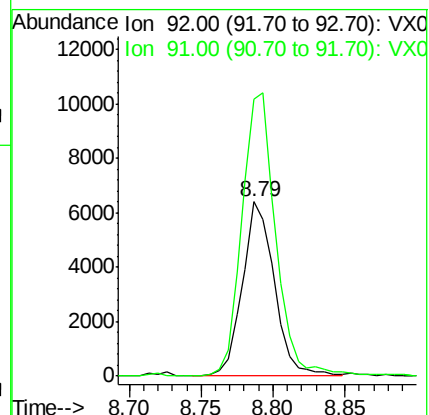
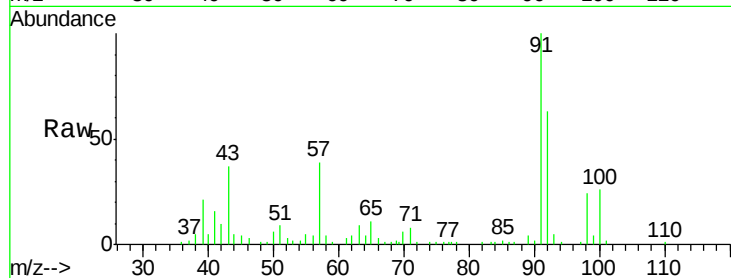
CS-DRUM-2

Tot Ion: 92 Resp: 9923

Ion Ratio Lower Upper

92 100

91 170.5 135.2 202.8



#59

2-Hexanone

Concen: 11.567 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VX001433.D

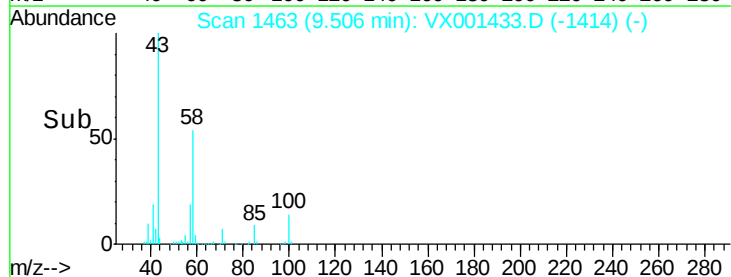
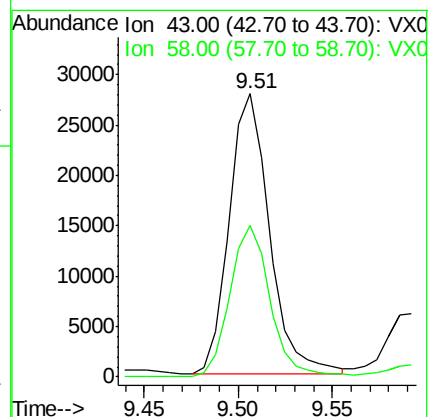
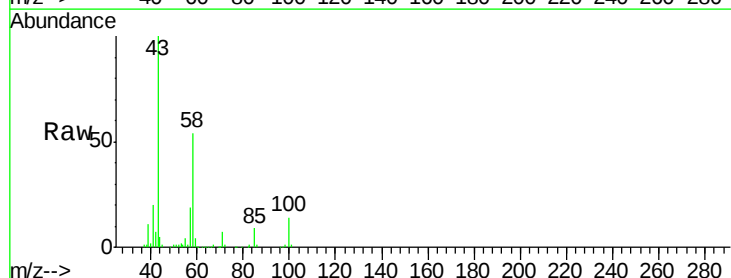
Acq: 05 May 2018 21:55

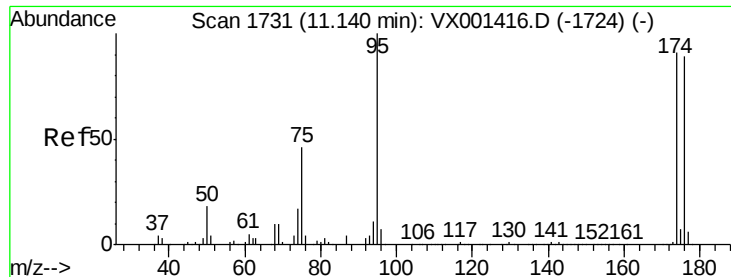
Tgt Ion: 43 Resp: 41538

Ion Ratio Lower Upper

43 100

58 53.8 27.1 81.2





#62

4-Bromofluorobenzene

Concen: 37.897 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001433.D

Acq: 05 May 2018 21:55

Instrument :

MSVOA_X

ClientSampleId :

CS-DRUM-2

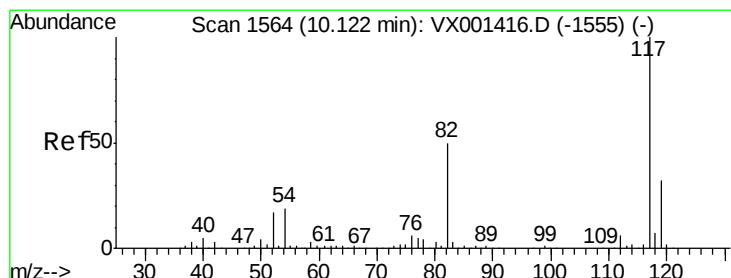
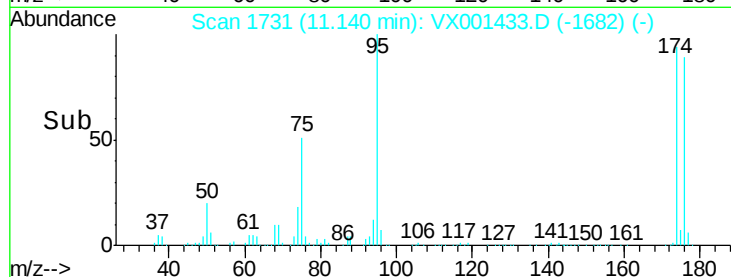
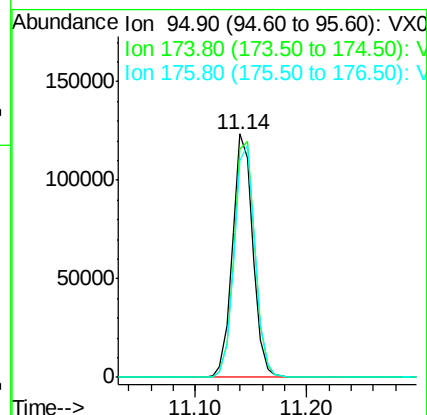
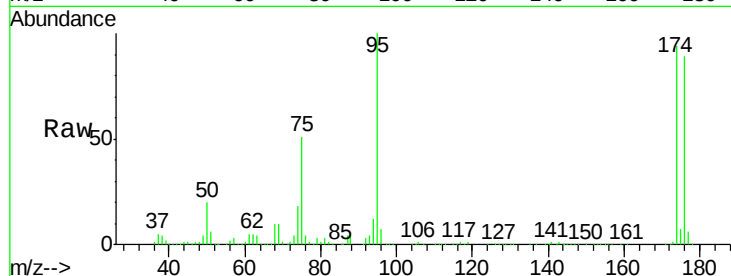
Tot Ion: 95 Resp: 155727

Ion Ratio Lower Upper

95 100

174 99.9 0.0 202.0

176 97.1 0.0 197.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001433.D

Acq: 05 May 2018 21:55

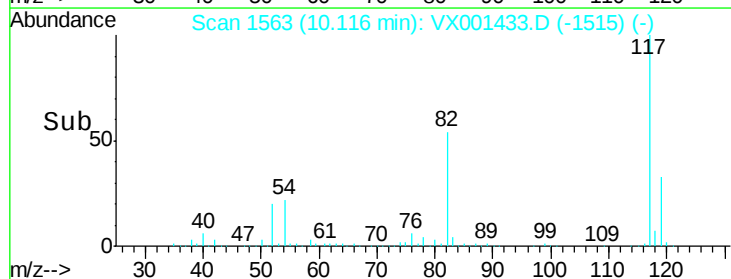
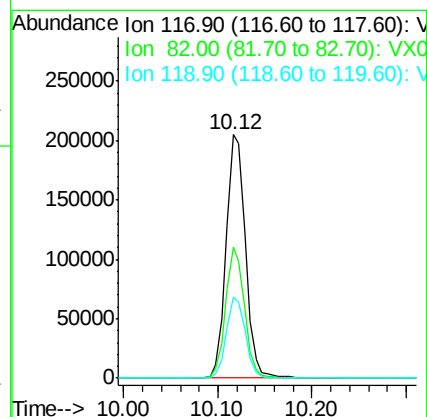
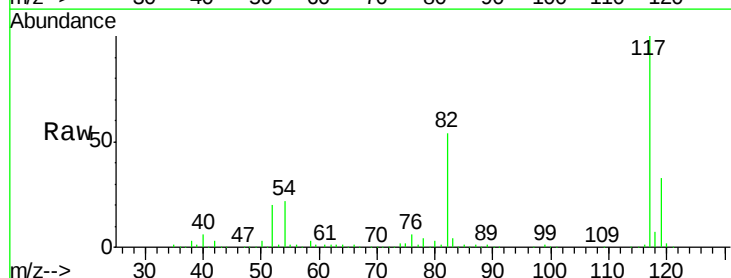
Tgt Ion: 117 Resp: 290644

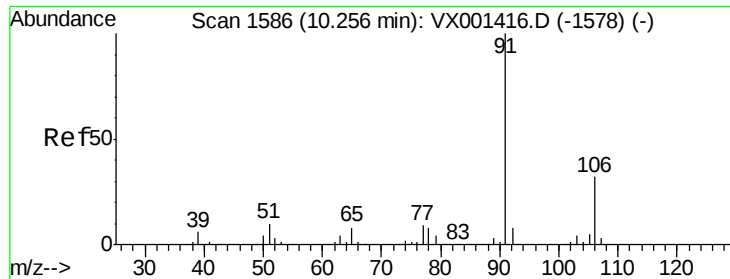
Ion Ratio Lower Upper

117 100

82 53.6 40.0 60.0

119 33.1 25.8 38.8

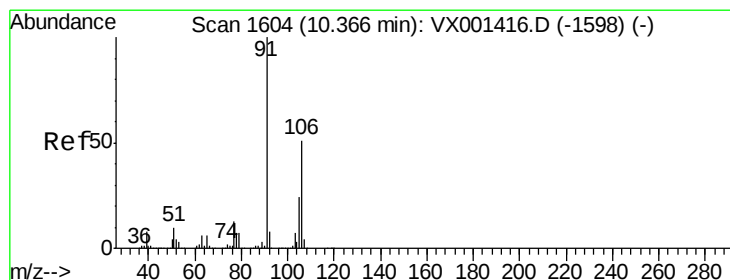
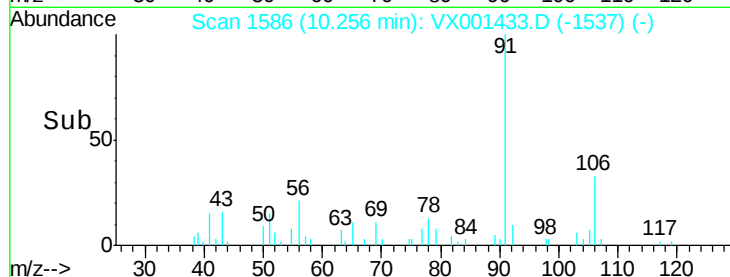
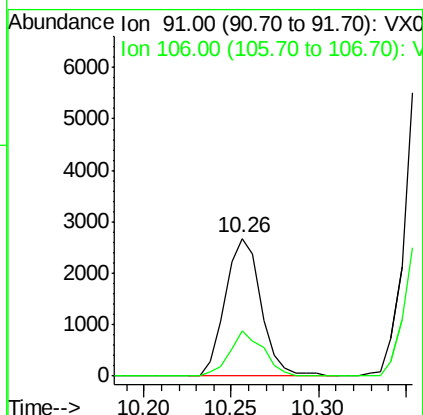
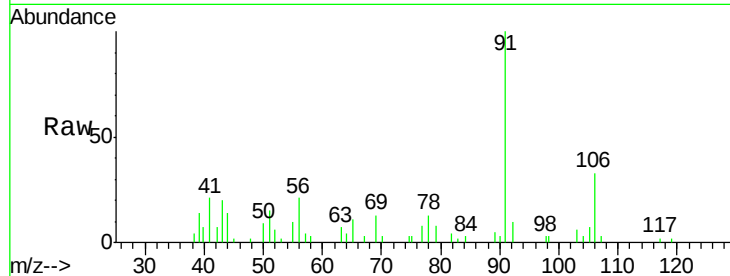




#67
Ethyl Benzene
Concen: 0.274 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001433.D
Acq: 05 May 2018 21:55

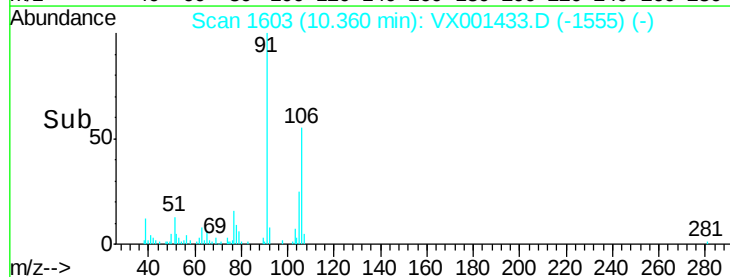
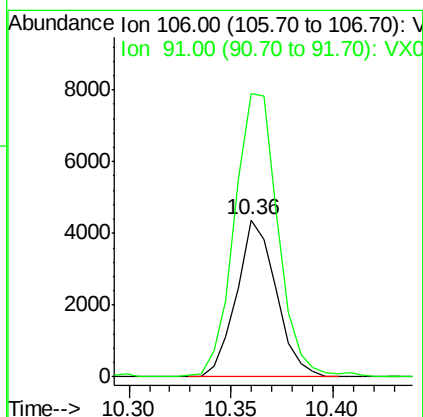
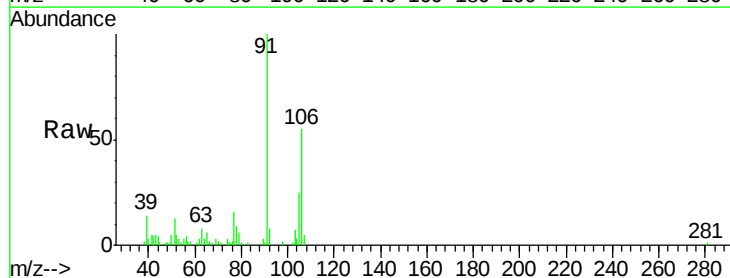
Instrument :
MSVOA_X
ClientSampled :
CS-DRUM-2

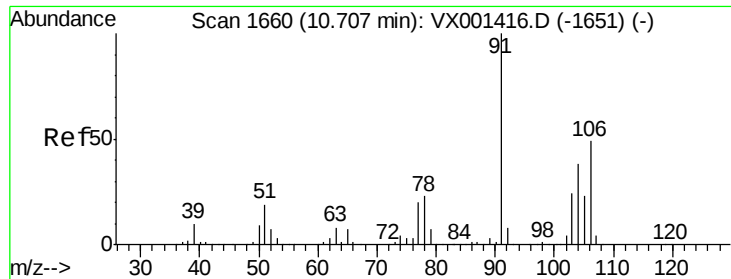
Tot Ion: 91 Resp: 3825
Ion Ratio Lower Upper
91 100
106 33.1 25.5 38.3



#68
m/p-Xylenes
Concen: 1.062 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001433.D
Acq: 05 May 2018 21:55

Tgt Ion: 106 Resp: 5864
Ion Ratio Lower Upper
106 100
91 199.9 157.5 236.3

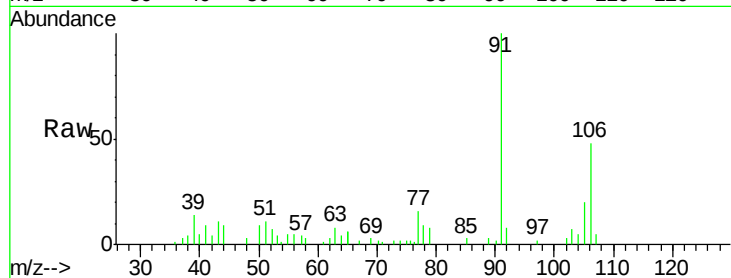




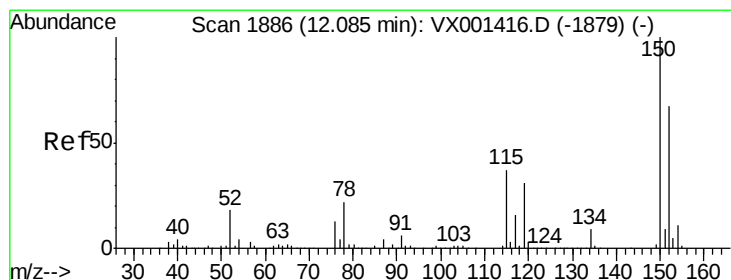
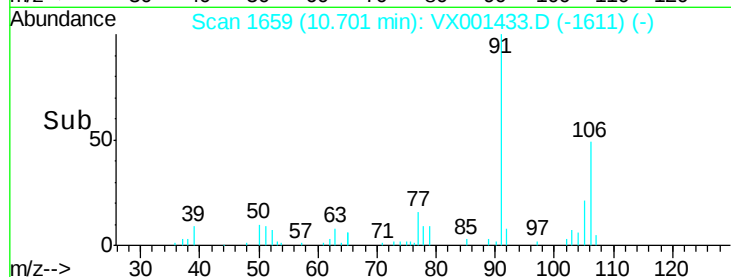
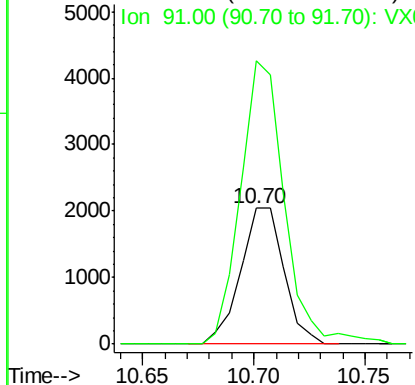
#69
o-Xylene
Concen: 0.520 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001433.D
Acq: 05 May 2018 21:55

Instrument :
MSVOA_X
ClientSampled :
CS-DRUM-2

Tot Ion:106 Resp: 2790
Ion Ratio Lower Upper
106 100
91 211.3 103.1 309.1

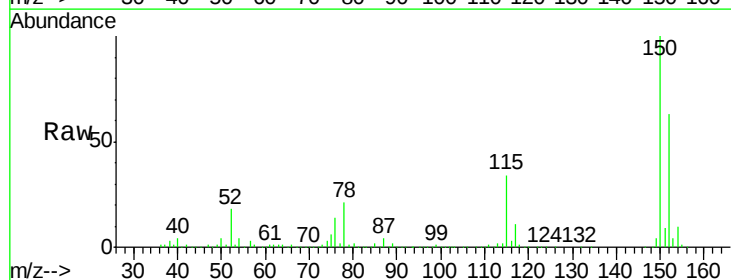


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

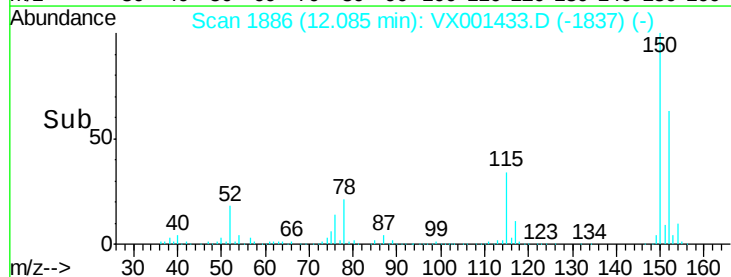
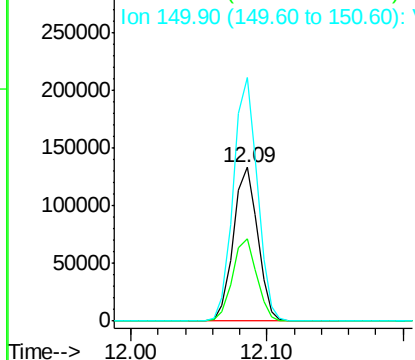


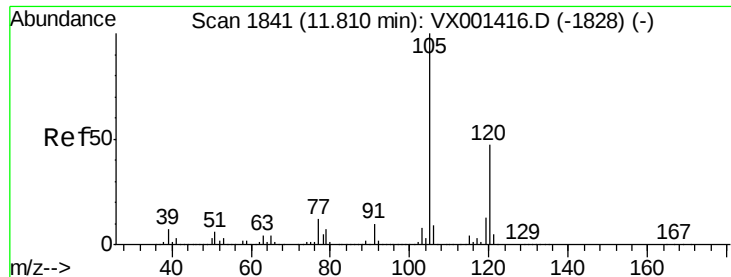
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001433.D
Acq: 05 May 2018 21:55

Tgt Ion:152 Resp: 165729
Ion Ratio Lower Upper
152 100
115 53.7 37.7 113.1
150 156.9 0.0 349.4



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

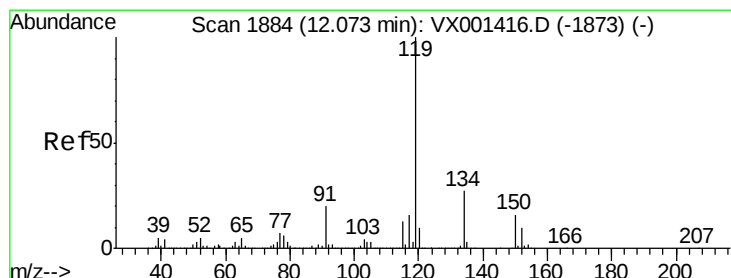
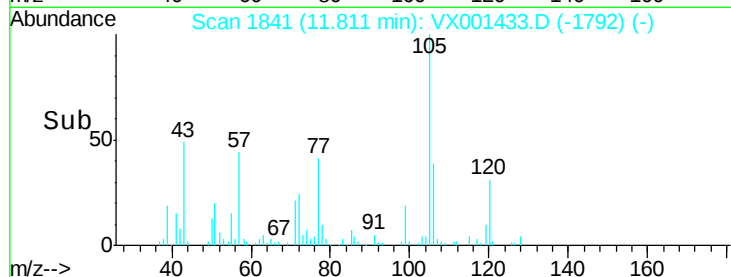
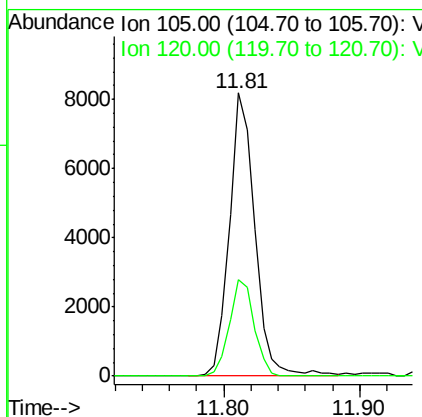
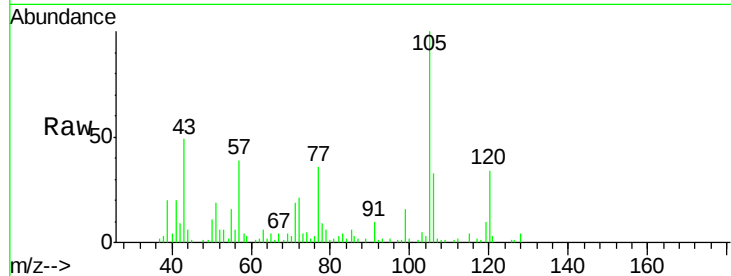




#84
 1,2,4-Trimethylbenzene
 Concen: 1.089 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001433.D
 Acq: 05 May 2018 21:55

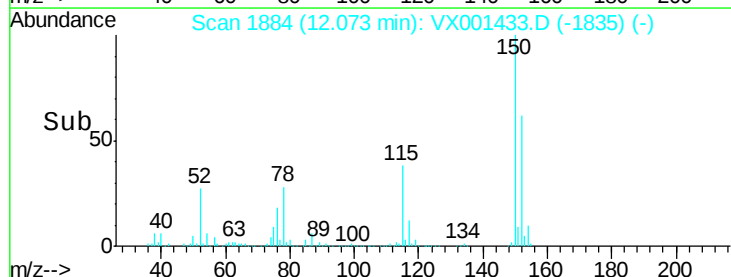
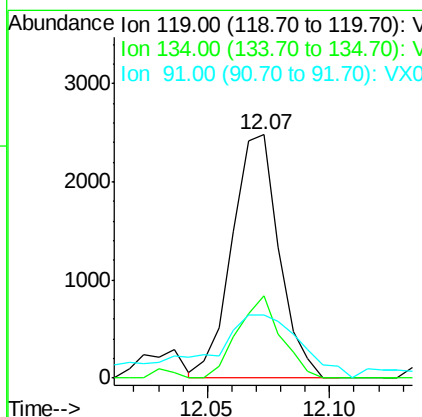
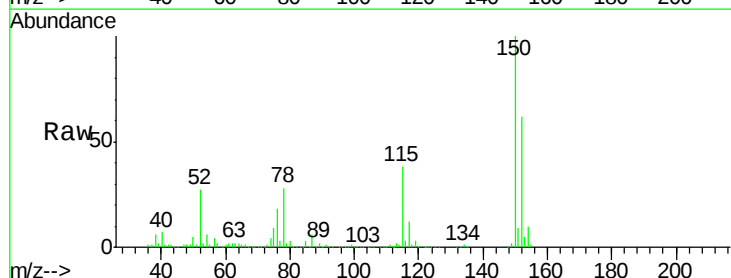
Instrument :
 MSVOA_X
 ClientSampled :
 CS-DRUM-2

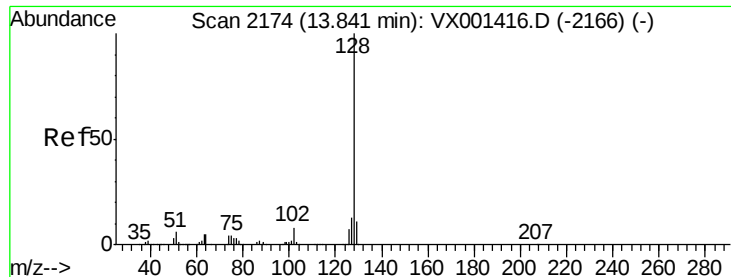
Tot Ion:105 Resp: 10687
 Ion Ratio Lower Upper
 105 100
 120 32.7 23.4 70.2



#86
 p-Isopropyltoluene
 Concen: 0.318 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001433.D
 Acq: 05 May 2018 21:55

Tgt Ion:119 Resp: 3324
 Ion Ratio Lower Upper
 119 100
 134 31.1 13.6 40.8
 91 48.4 10.8 32.3#





#95

Naphthalene

Concen: 0.479 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001433.D

Acq: 05 May 2018 21:55

Instrument :

MSVOA_X

ClientSampleId :

CS-DRUM-2

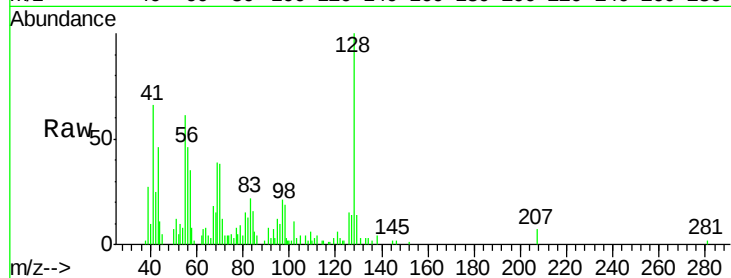
Tot Ion:128 Resp: 5878

Ion Ratio Lower Upper

128 100

127 15.4 10.4 15.6

129 12.5 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

