

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004003.D
 Acq On : 13 Aug 2018 16:34
 Operator : JC/MD
 Sample : J4447-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-8

Quant Time: Aug 14 04:50:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	506075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	460670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244365	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	224715	56.24	ug/l	0.00
Spiked Amount			Recovery	=	112.48%	
35) Dibromofluoromethane	5.51	113	180825	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
50) Toluene-d8	8.72	98	724107	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.14	95	238739	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	

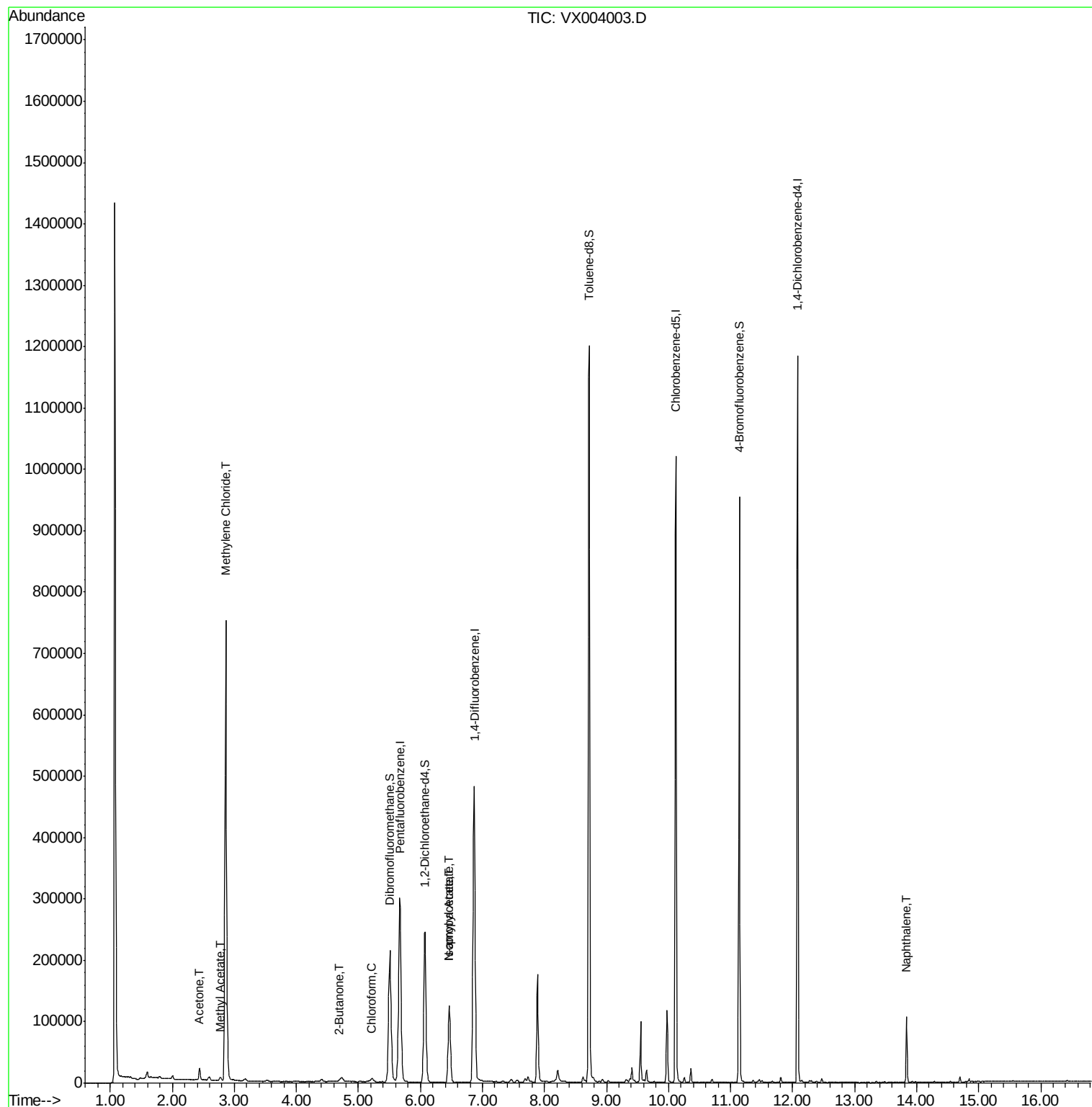
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	20711	8.71	ug/l	94
18) Methyl Acetate	2.77	43	6280	1.21	ug/l	98
20) Methylene Chloride	2.86	84	357263	61.99	ug/l	99
25) 2-Butanone	4.69	43	4013	1.12	ug/l #	87
30) Chloroform	5.21	83	7334	1.14	ug/l	100
43) Isopropyl Acetate	6.46	43	166308	17.72	ug/l	99
74) N-amyl acetate	6.46	43	166308	17.69	ug/l #	100
95) Naphthalene	13.83	128	66513	3.65	ug/l	99

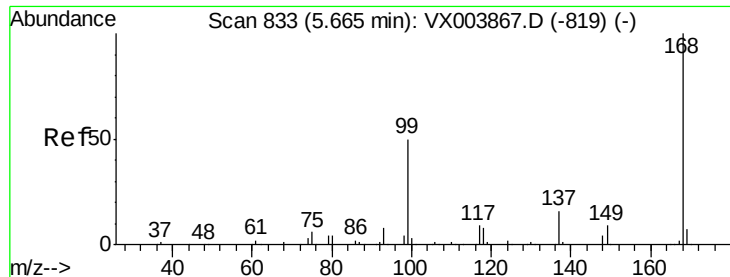
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

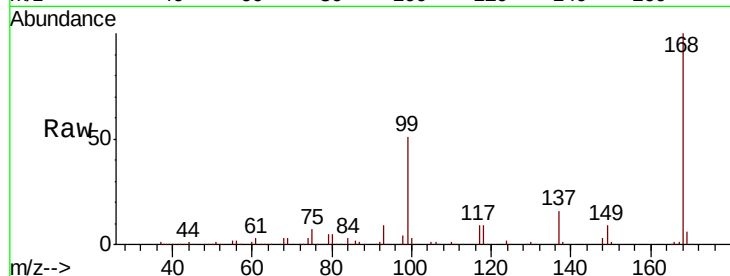
SP-1-8

Tot Ion:168 Resp: 301411

Ion Ratio Lower Upper

168 100

99 51.4 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

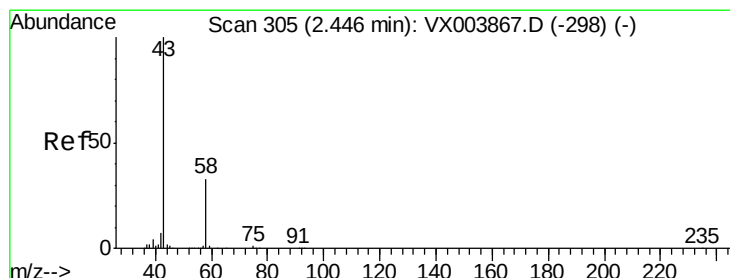
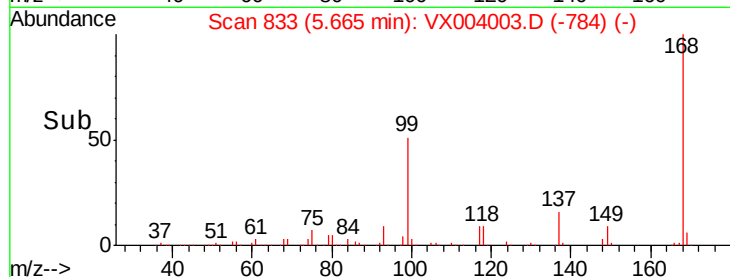
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 8.71 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004003.D

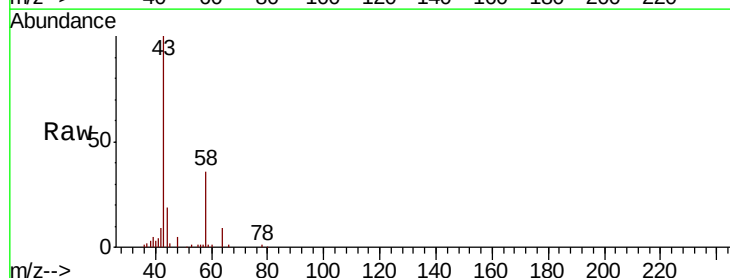
Acq: 13 Aug 2018 16:34

Tgt Ion: 43 Resp: 20711

Ion Ratio Lower Upper

43 100

58 36.5 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

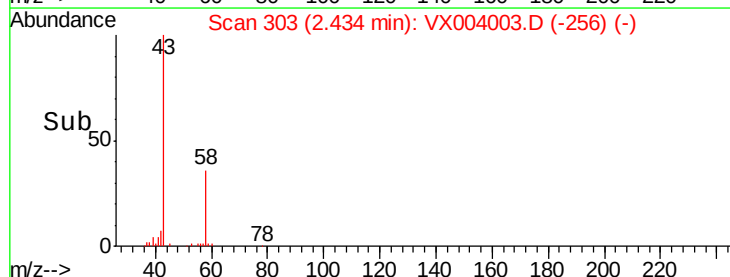
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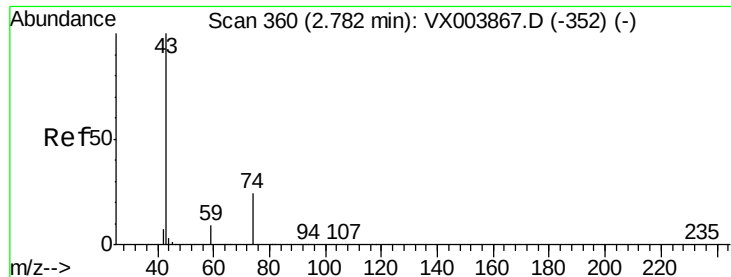
5000

0

Time-->

2.35 2.40 2.45 2.50

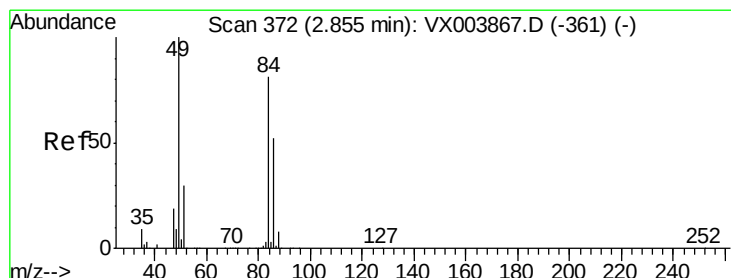
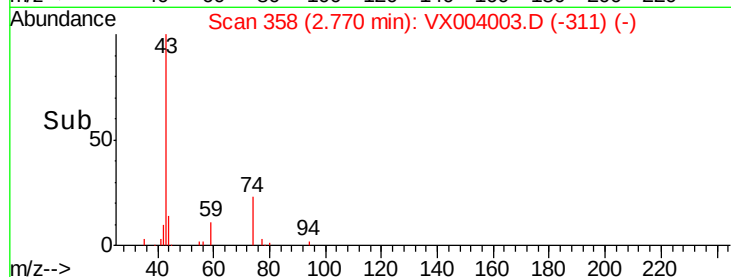
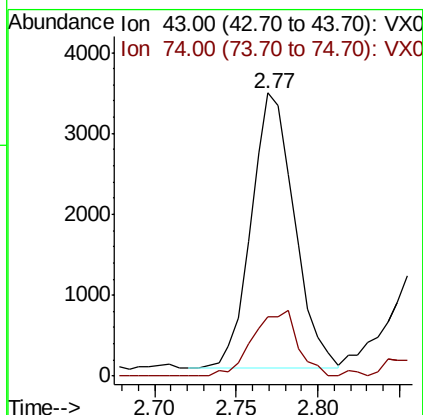
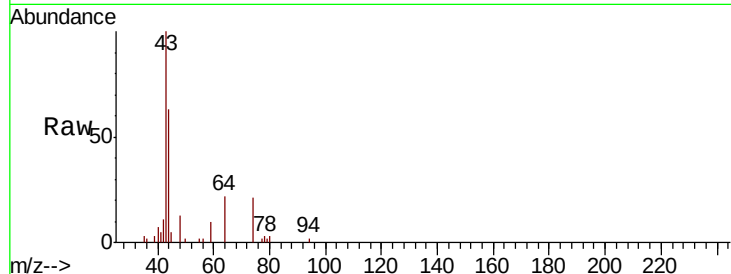




#18
Methvl Acetate
Concen: 1.21 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX004003.D
Acq: 13 Aug 2018 16:34

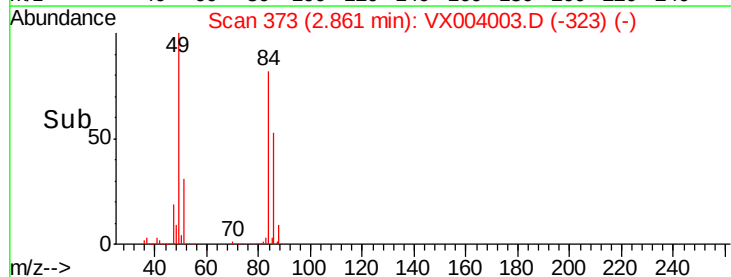
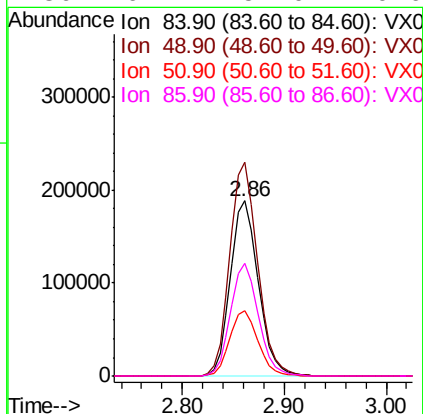
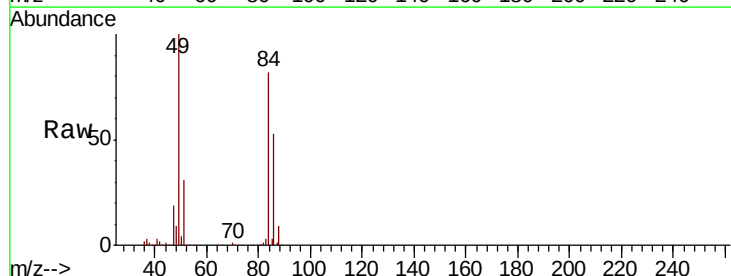
Instrument :
MSVOA_X
ClientSampled :
SP-1-8

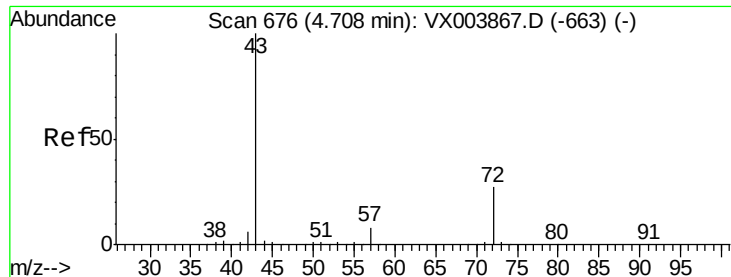
Tot Ion: 43 Resp: 6280
Ion Ratio Lower Upper
43 100
74 24.5 18.9 28.3



#20
Methylene Chloride
Concen: 61.99 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX004003.D
Acq: 13 Aug 2018 16:34

Tgt Ion: 84 Resp: 357263
Ion Ratio Lower Upper
84 100
49 121.8 98.9 148.3
51 37.5 29.9 44.9
86 64.4 51.0 76.6





#25

2-Butanone

Concen: 1.12 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.02 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

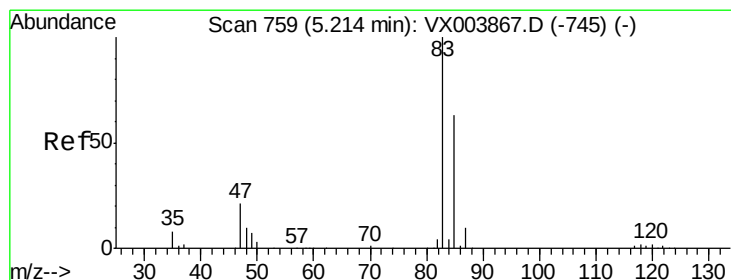
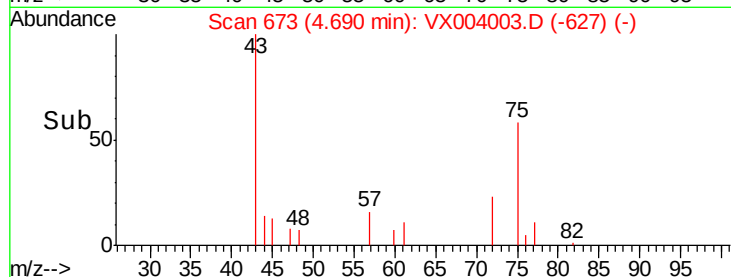
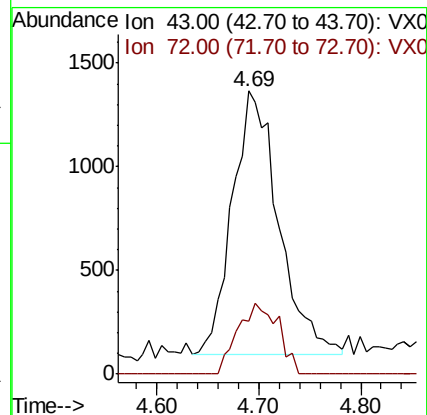
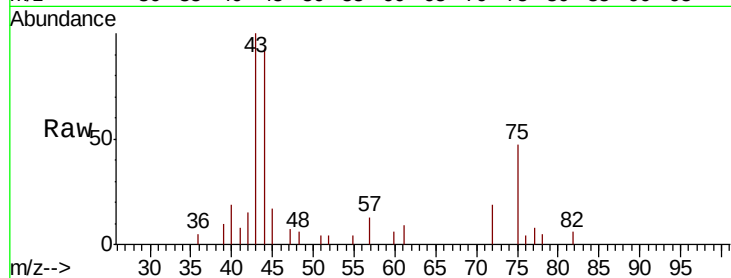
SP-1-8

Tot Ion: 43 Resp: 4013

Ion Ratio Lower Upper

43 100

72 20.2 21.4 32.0#



#30

Chloroform

Concen: 1.14 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004003.D

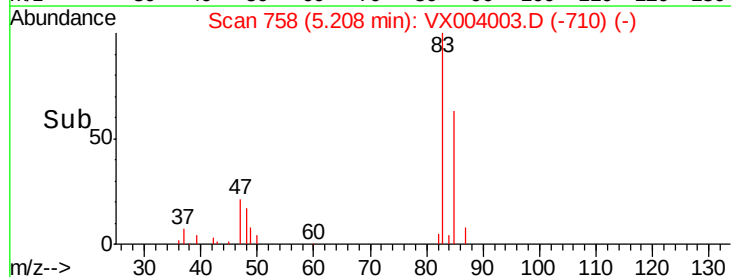
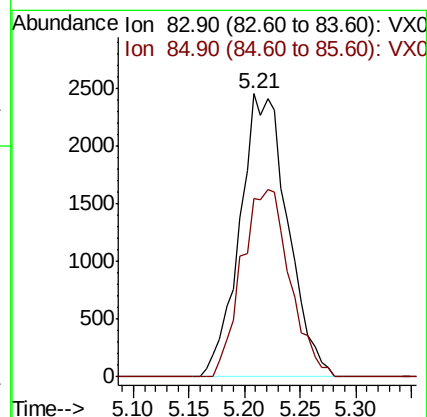
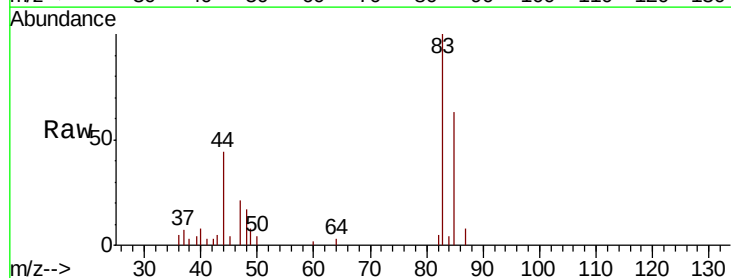
Acq: 13 Aug 2018 16:34

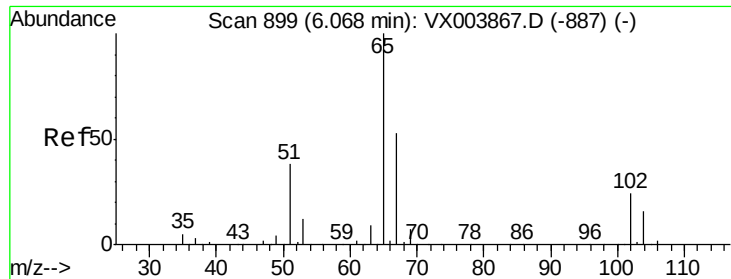
Tgt Ion: 83 Resp: 7334

Ion Ratio Lower Upper

83 100

85 63.0 50.7 76.1

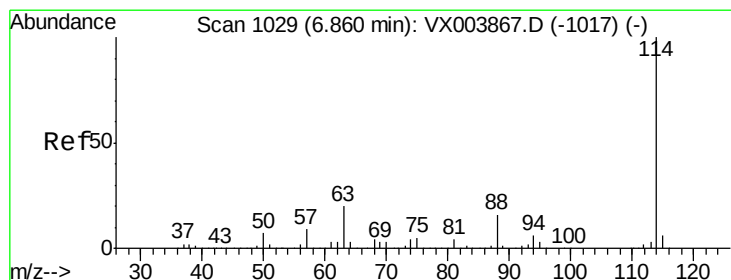
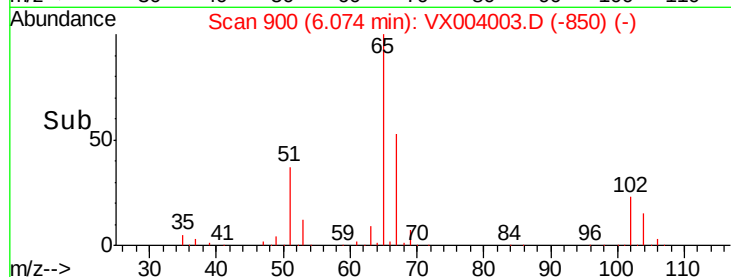
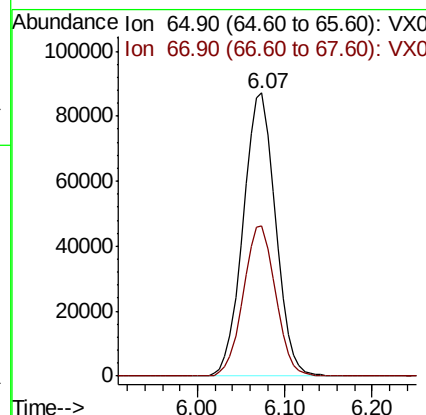
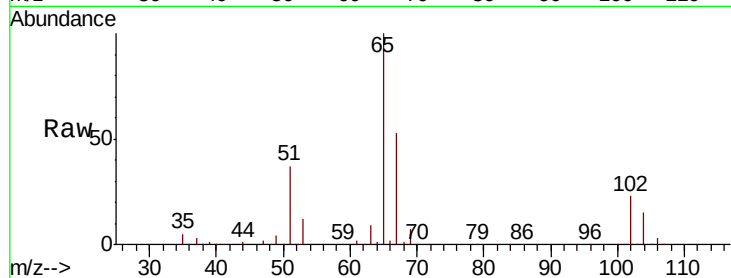




#33
 1,2-Dichloroethane-d4
 Concen: 56.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX004003.D
 Acq: 13 Aug 2018 16:34

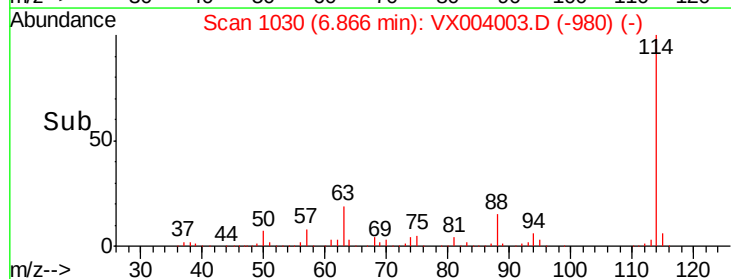
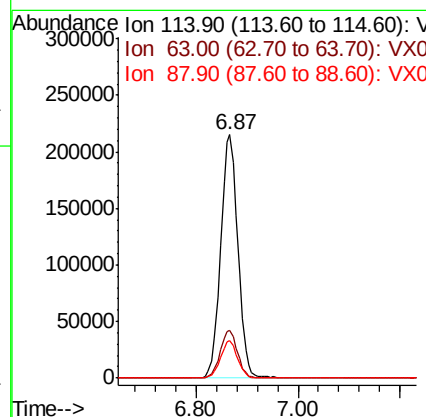
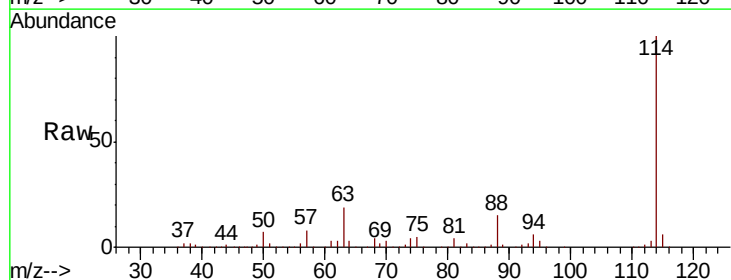
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-8

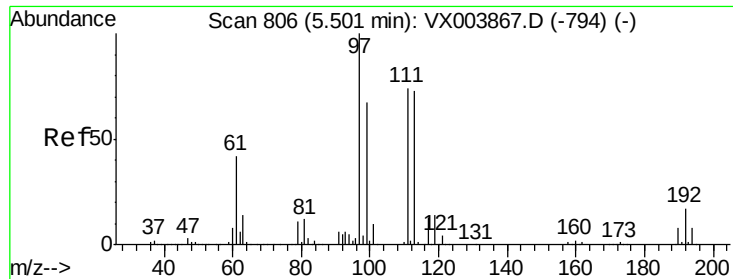
Tot Ion: 65 Resp: 224715
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX004003.D
 Acq: 13 Aug 2018 16:34

Tgt Ion: 114 Resp: 506075
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.4 0.0 32.0

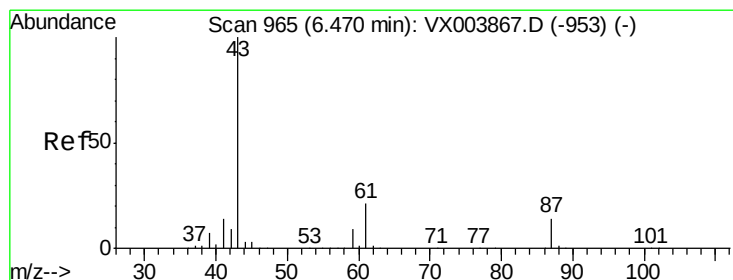
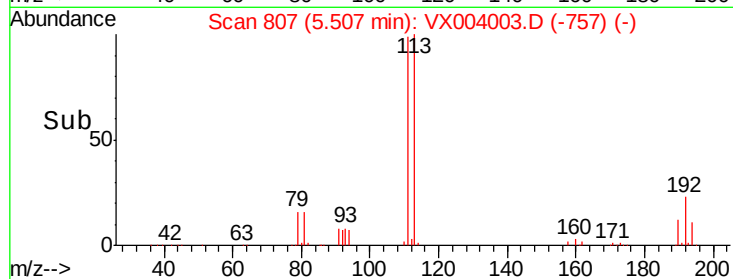
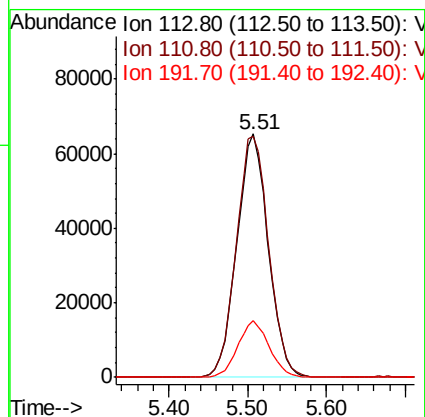
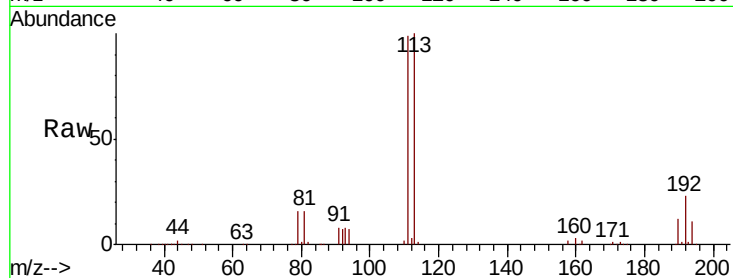




#35
 Dibromofluoromethane
 Concen: 47.16 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004003.D
 Acq: 13 Aug 2018 16:34

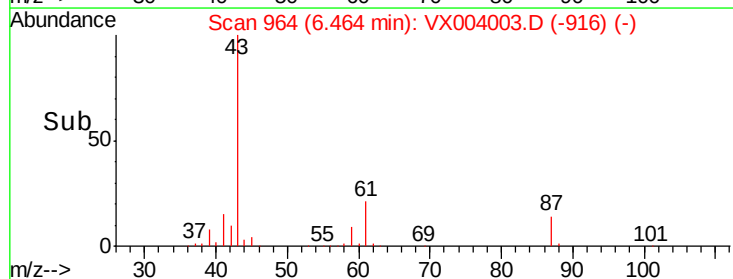
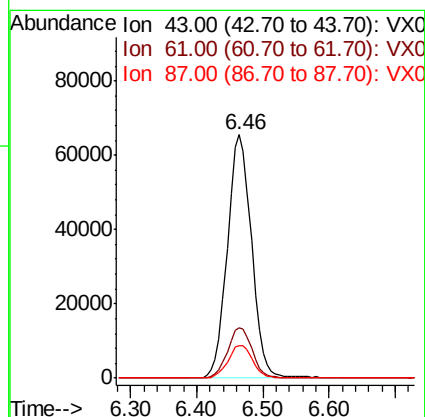
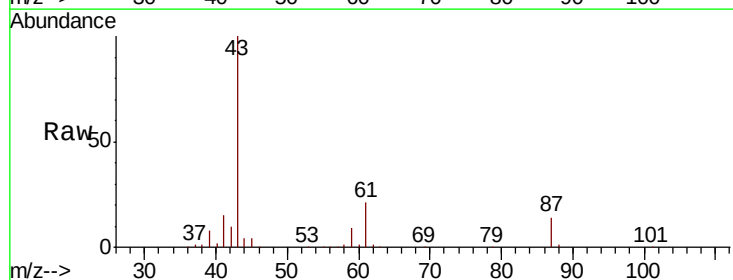
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-8

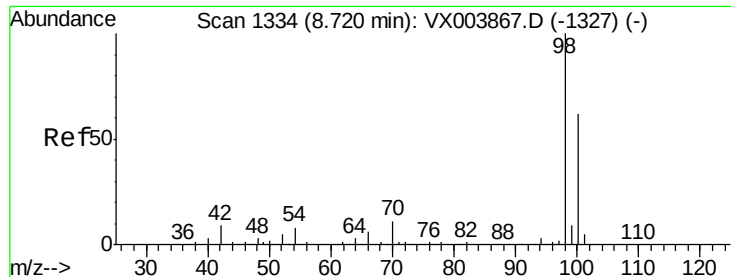
Tot Ion:113 Resp: 180825
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 23.1 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 17.72 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX004003.D
 Acq: 13 Aug 2018 16:34

Tgt Ion: 43 Resp: 166308
 Ion Ratio Lower Upper
 43 100
 61 20.9 16.9 25.3
 87 13.8 11.3 16.9





#50

Toluene-d8

Concen: 48.57 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

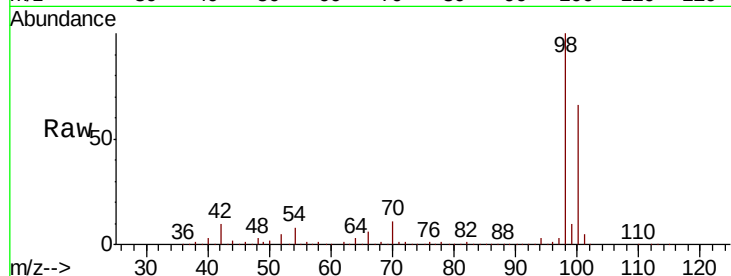
SP-1-8

Tot Ion: 98 Resp: 724107

Ion Ratio Lower Upper

98 100

100 64.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

500000

400000

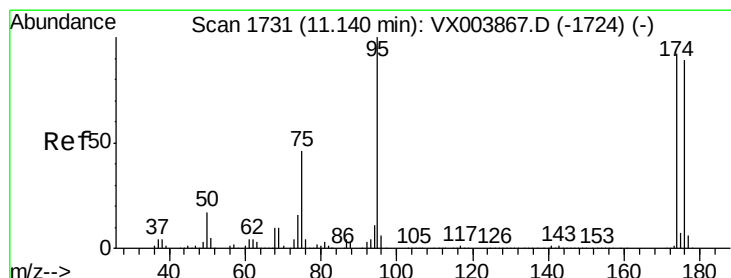
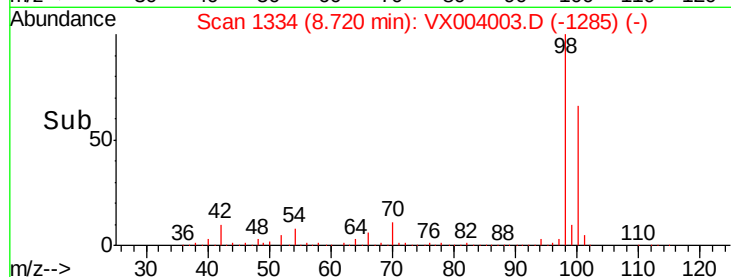
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

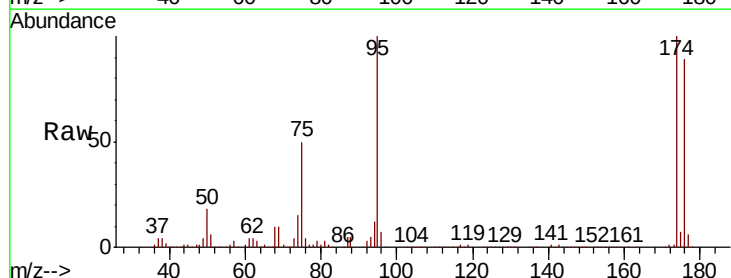
Tgt Ion: 95 Resp: 238739

Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.8

176 87.6 0.0 179.0



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

250000

200000

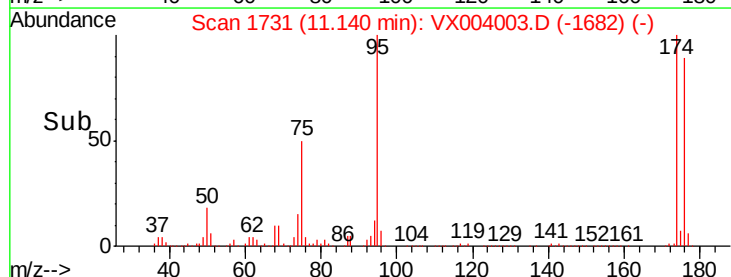
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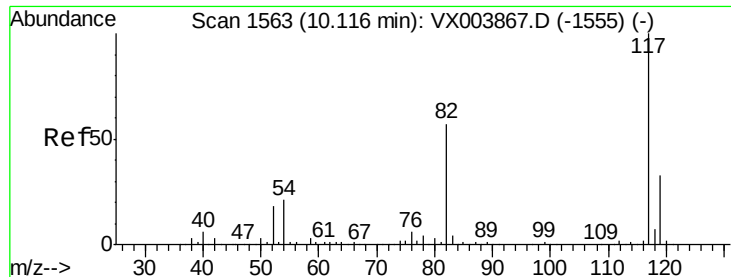
100000

50000

0

Time-->

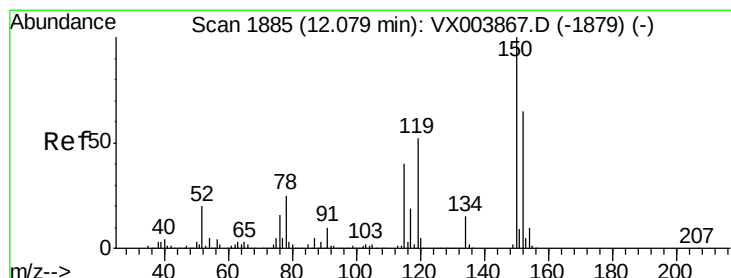
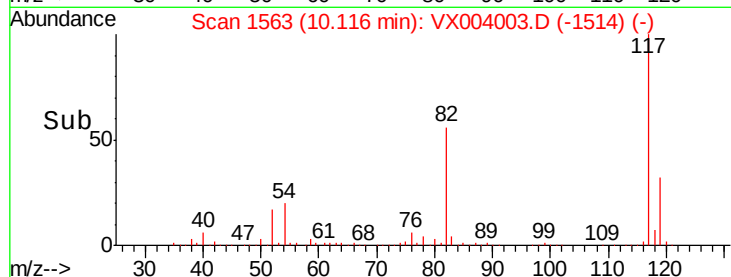
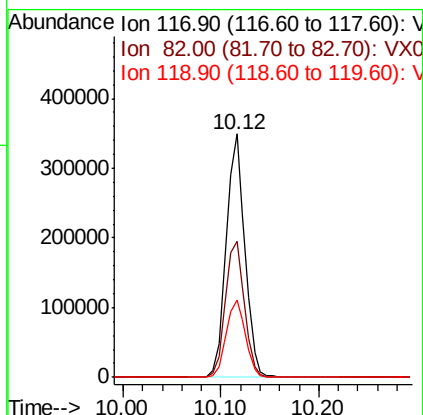
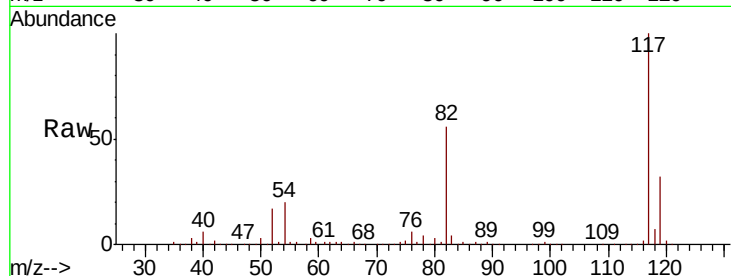




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004003.D
Acq: 13 Aug 2018 16:34

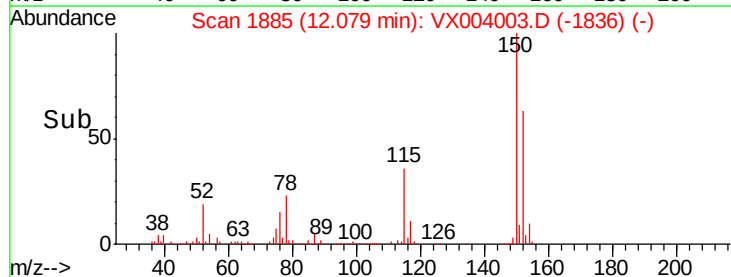
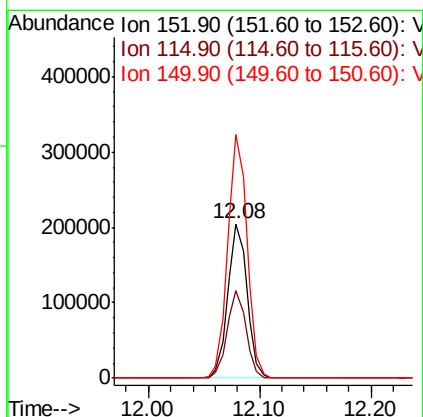
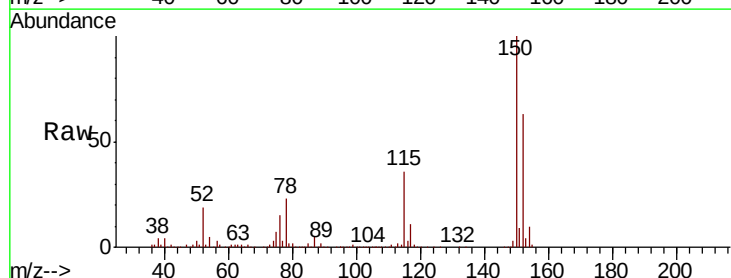
Instrument :
MSVOA_X
ClientSampleId :
SP-1-8

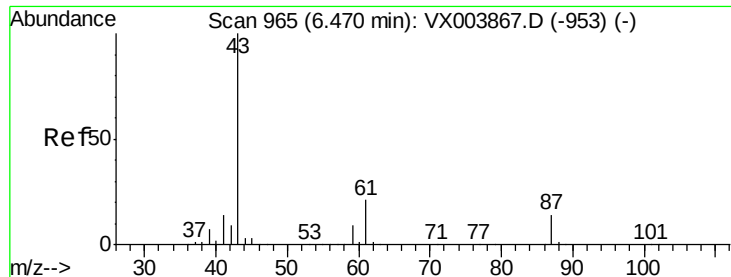
Tot Ion:117 Resp: 460670
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 32.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004003.D
Acq: 13 Aug 2018 16:34

Tgt Ion:152 Resp: 244365
Ion Ratio Lower Upper
152 100
115 55.8 39.1 117.3
150 158.6 0.0 349.2





#74

N-amyl acetate

Concen: 17.69 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

SP-1-8

Tot Ion: 43 Resp: 166308

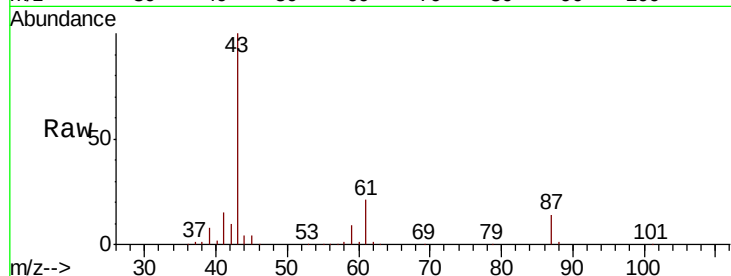
Ion Ratio Lower Upper

43 100

70 0.1 0.0 0.0#

55 0.2 0.1 0.1#

61 20.9 16.9 25.3

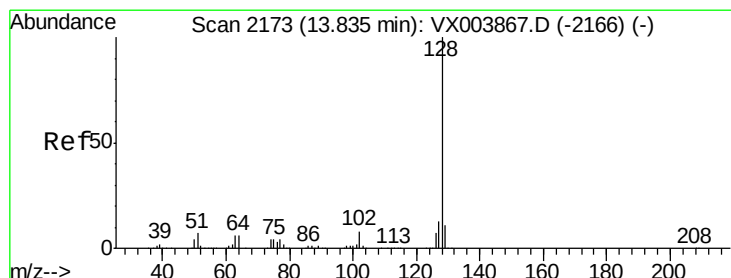
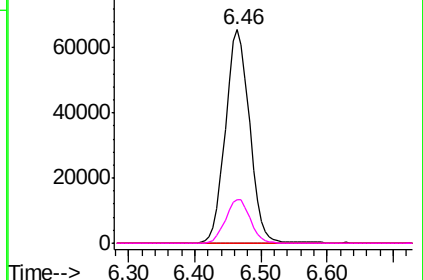
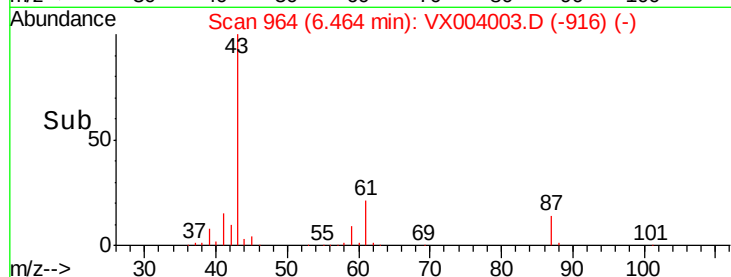


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#95

Naphthalene

Concen: 3.65 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

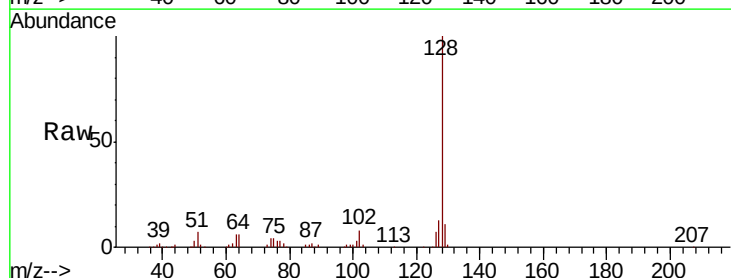
Tgt Ion:128 Resp: 66513

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.8 13.2



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

