

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004004.D
 Acq On : 13 Aug 2018 17:01
 Operator : JC/MD
 Sample : J4447-35
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-9

Quant Time: Aug 14 04:53:42 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	297944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	485638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	451397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	239955	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	210507	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
35) Dibromofluoromethane	5.51	113	175019	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
50) Toluene-d8	8.72	98	691125	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.14	95	233823	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	

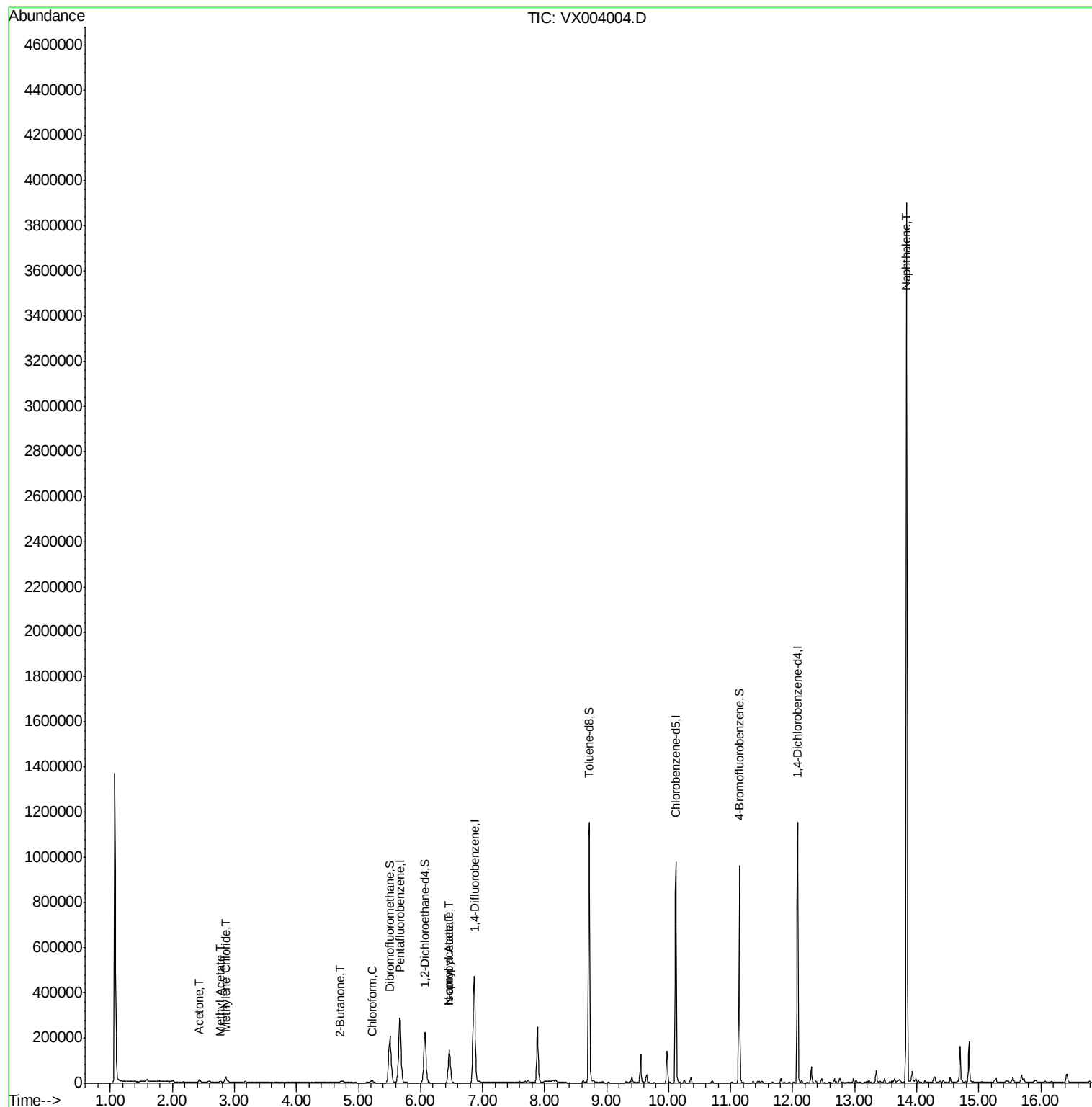
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	14548	6.19	ug/l	98
18) Methyl Acetate	2.77	43	6549	1.28	ug/l	100
20) Methylene Chloride	2.86	84	10067	1.77	ug/l	97
25) 2-Butanone	4.70	43	4210	1.19	ug/l	94
30) Chloroform	5.21	83	12854	2.03	ug/l	95
43) Isopropyl Acetate	6.46	43	189906	21.09	ug/l	99
74) N-amyl acetate	6.46	43	189906	20.57	ug/l #	99
95) Naphthalene	13.83	128	2340438	130.95	ug/l	100

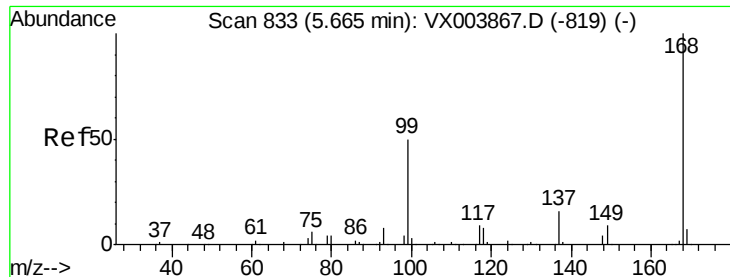
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081318\
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SP-1-9

Quant Time: Aug 14 04:53:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
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: VX004004.D

Acq: 13 Aug 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

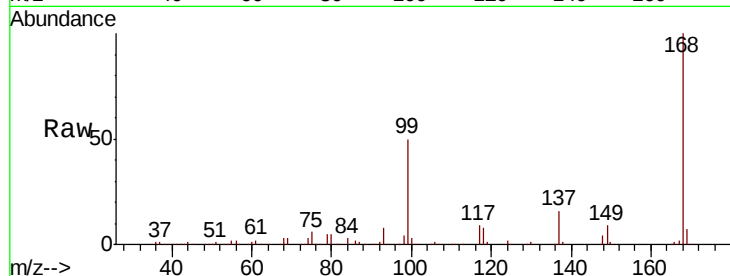
SP-1-9

Tot Ion:168 Resp: 297944

Ion Ratio Lower Upper

168 100

99 49.7 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

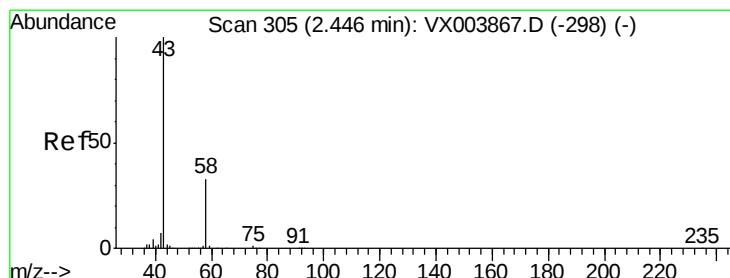
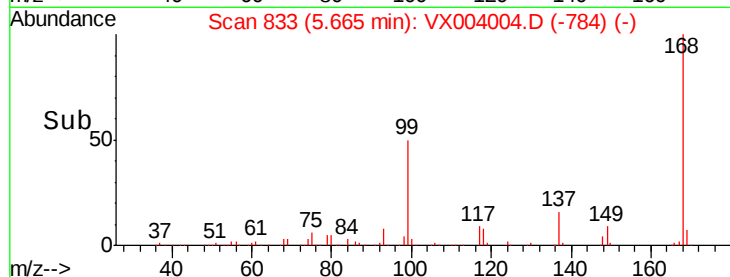
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.19 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004004.D

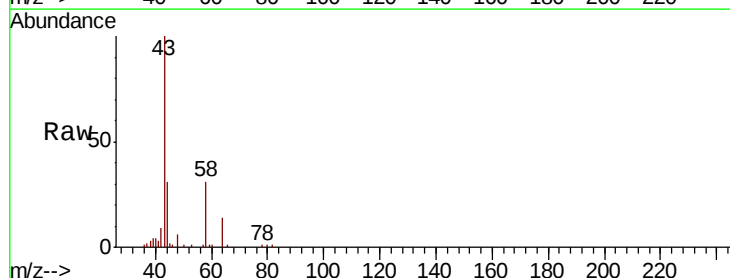
Acq: 13 Aug 2018 17:01

Tgt Ion: 43 Resp: 14548

Ion Ratio Lower Upper

43 100

58 31.9 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

10000

8000

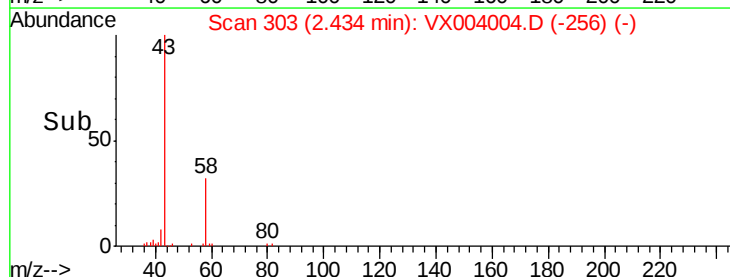
6000

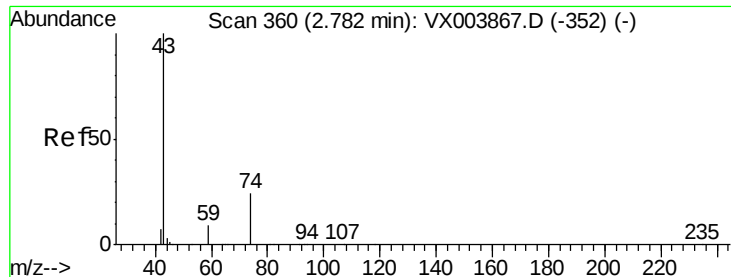
4000

2000

0

Time--> 2.30 2.40 2.50

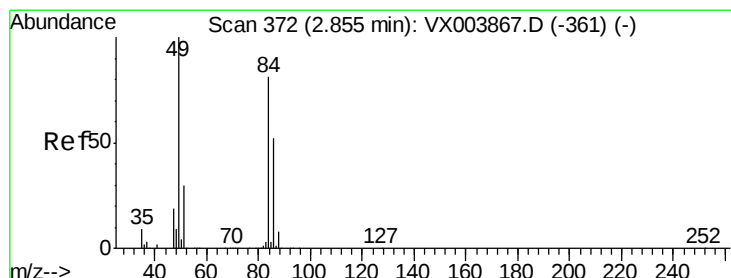
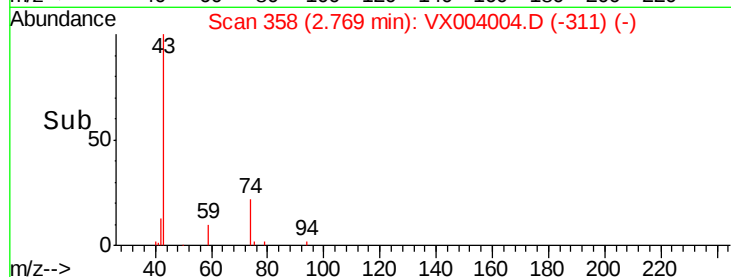
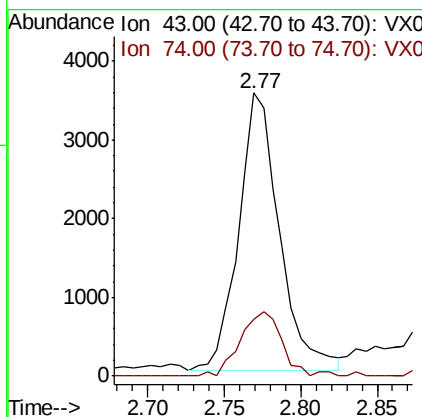
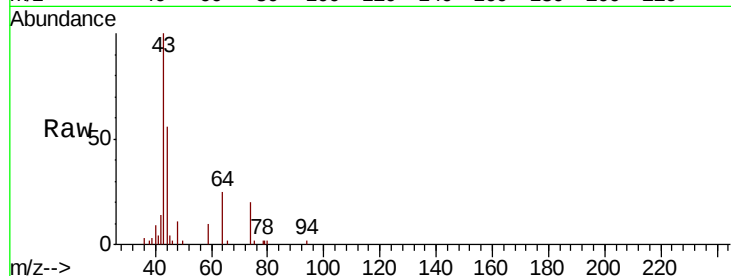




#18
Methvl Acetate
Concen: 1.28 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX004004.D
Acq: 13 Aug 2018 17:01

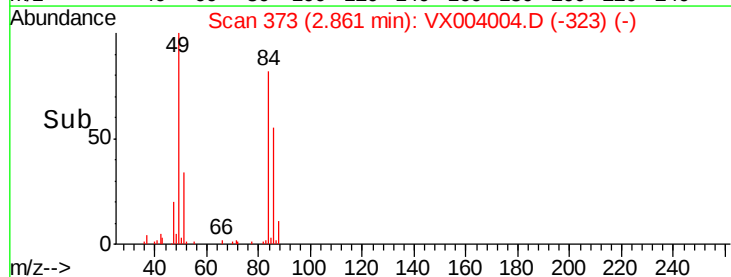
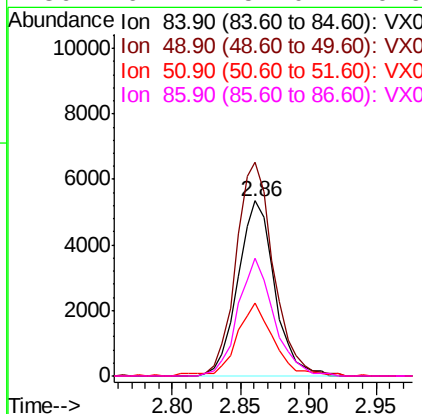
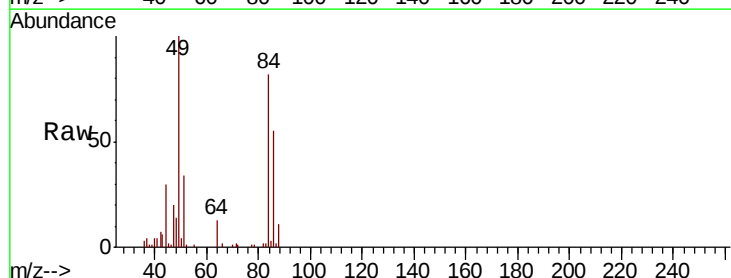
Instrument :
MSVOA_X
ClientSampleId :
SP-1-9

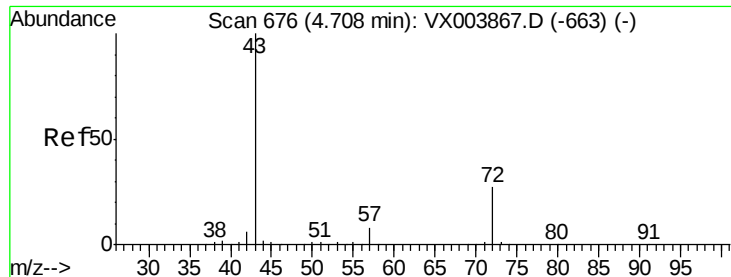
Tot Ion: 43 Resp: 6549
Ion Ratio Lower Upper
43 100
74 23.8 18.9 28.3



#20
Methylene Chloride
Concen: 1.77 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX004004.D
Acq: 13 Aug 2018 17:01

Tgt Ion: 84 Resp: 10067
Ion Ratio Lower Upper
84 100
49 122.1 98.9 148.3
51 40.3 29.9 44.9
86 67.1 51.0 76.6





#25

2-Butanone

Concen: 1.19 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX004004.D

Acq: 13 Aug 2018 17:01

Instrument :

MSVOA_X

ClientSampled :

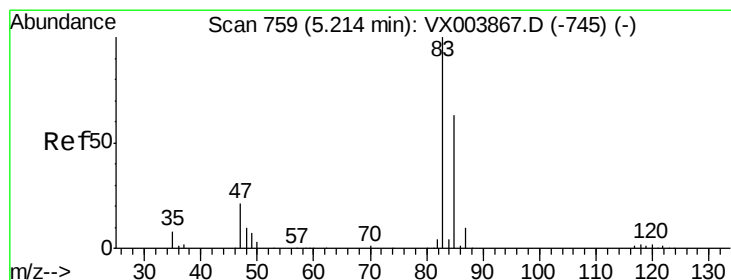
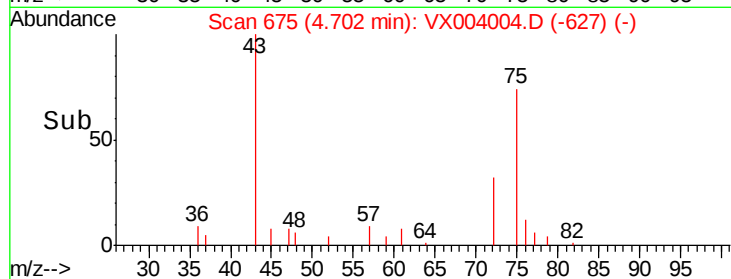
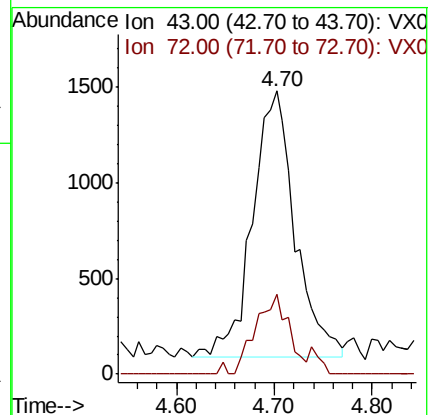
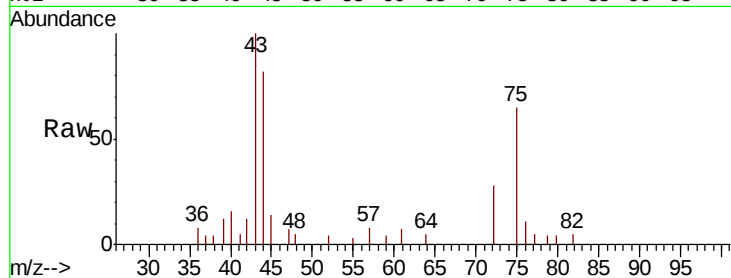
SP-1-9

Tot Ion: 43 Resp: 4210

Ion Ratio Lower Upper

43 100

72 30.0 21.4 32.0



#30

Chloroform

Concen: 2.03 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004004.D

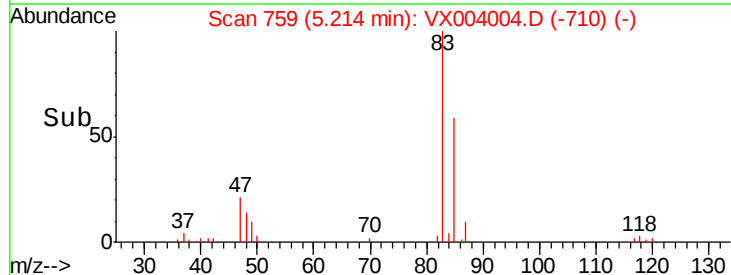
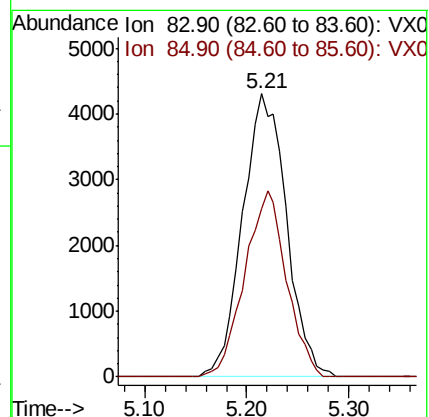
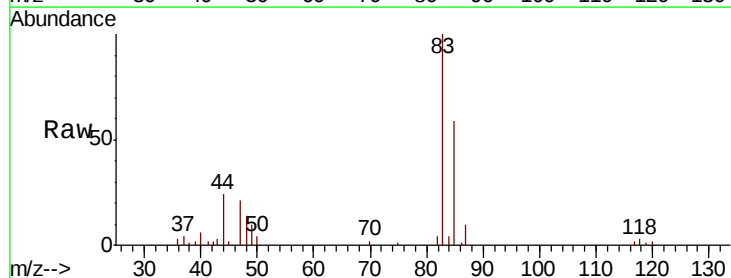
Acq: 13 Aug 2018 17:01

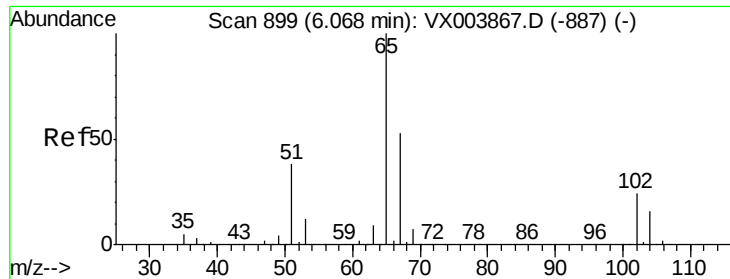
Tgt Ion: 83 Resp: 12854

Ion Ratio Lower Upper

83 100

85 59.3 50.7 76.1

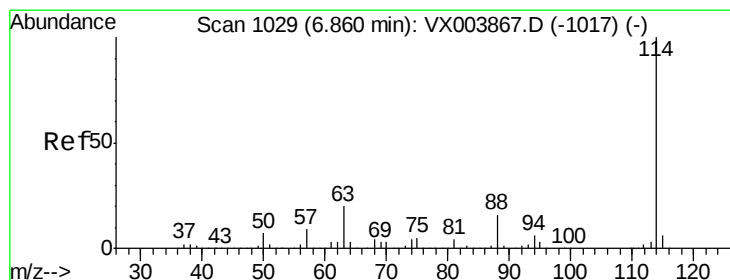
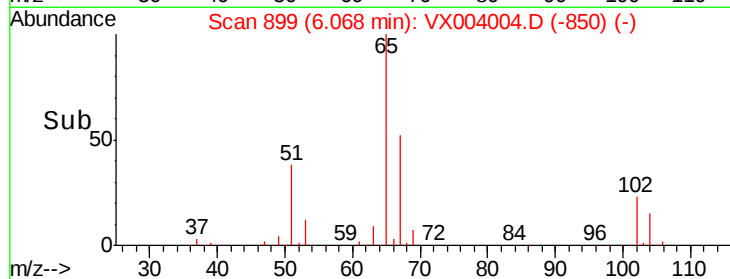
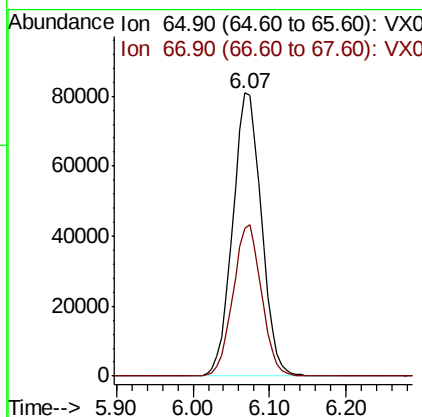
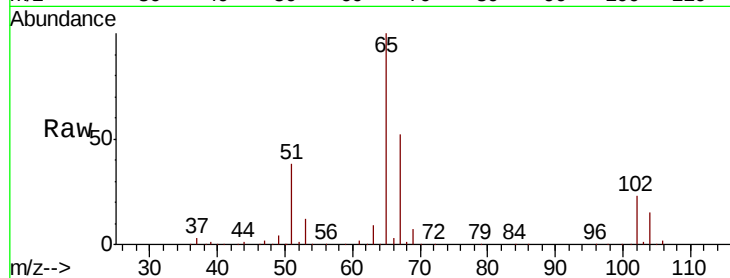




#33
 1,2-Dichloroethane-d4
 Concen: 53.30 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004004.D
 Acq: 13 Aug 2018 17:01

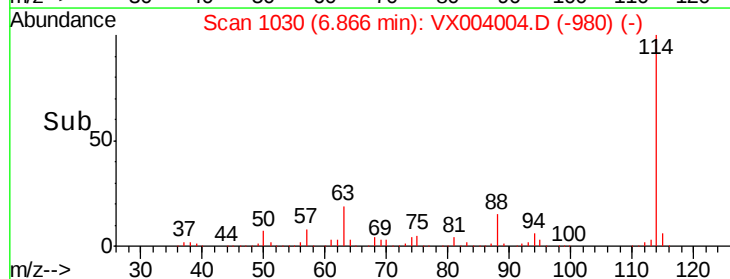
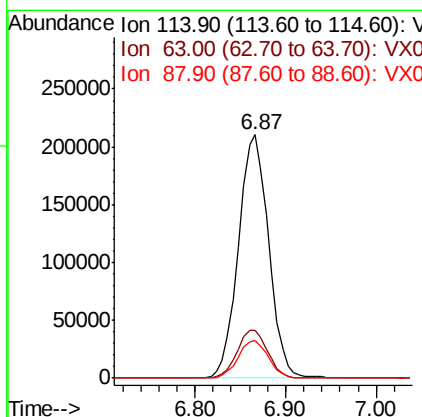
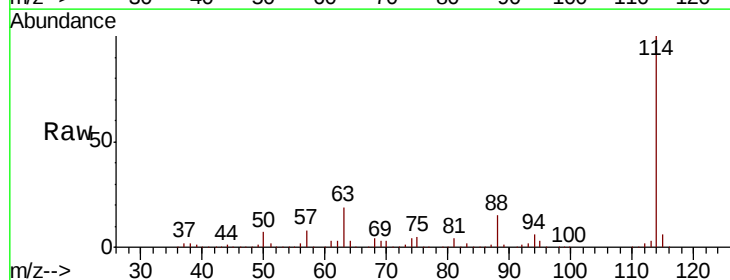
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-9

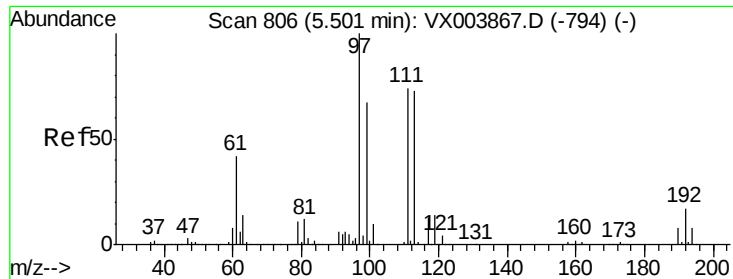
Tot Ion: 65 Resp: 210507
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX004004.D
 Acq: 13 Aug 2018 17:01

Tgt Ion: 114 Resp: 485638
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.5 0.0 32.0

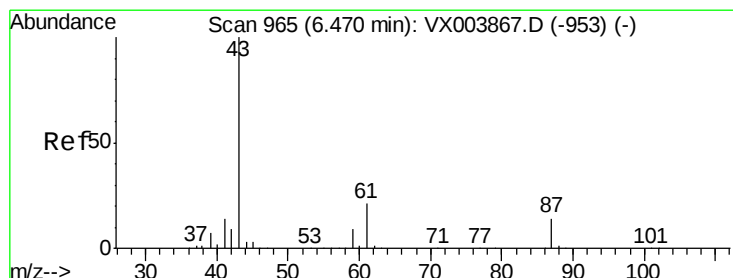
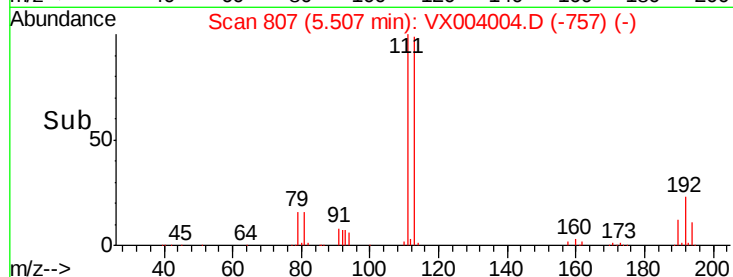
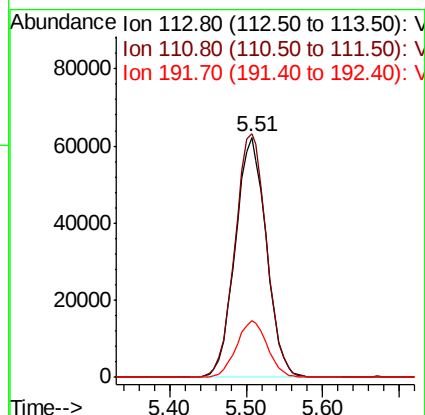
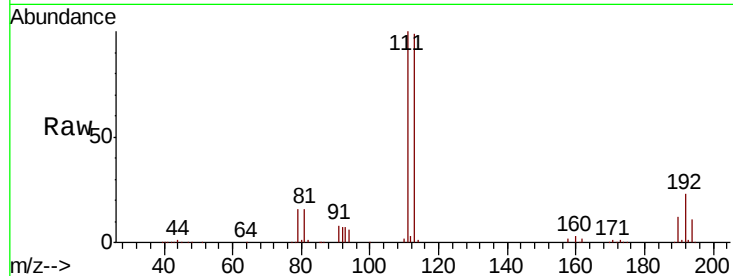




#35
 Dibromofluoromethane
 Concen: 47.57 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004004.D
 Acq: 13 Aug 2018 17:01

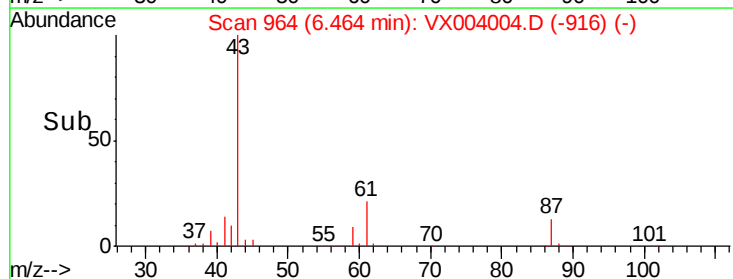
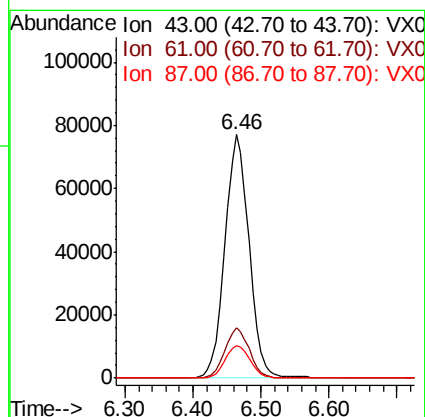
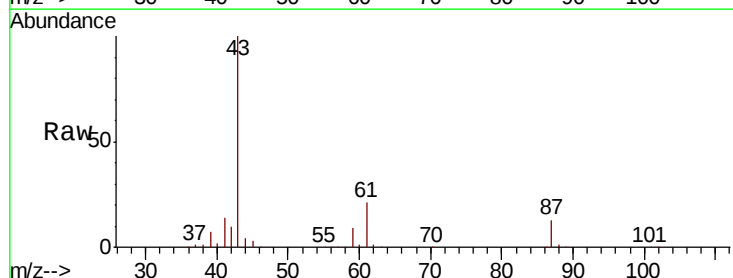
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-9

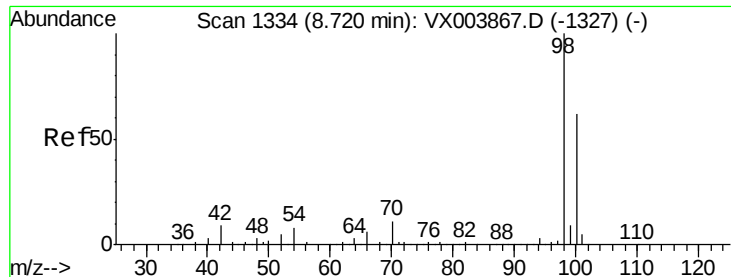
Tot Ion:113 Resp: 175019
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 23.4 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 21.09 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX004004.D
 Acq: 13 Aug 2018 17:01

Tgt Ion: 43 Resp: 189906
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.9 25.3
 87 13.8 11.3 16.9





#50

Toluene-d8

Concen: 48.31 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004004.D

Acq: 13 Aug 2018 17:01

Instrument :

MSVOA_X

ClientSampled :

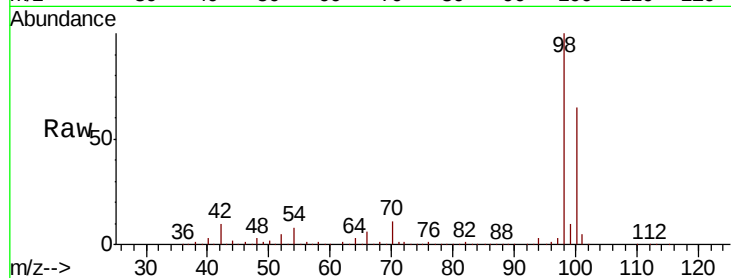
SP-1-9

Tot Ion: 98 Resp: 691125

Ion Ratio Lower Upper

98 100

100 65.6 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

400000

300000

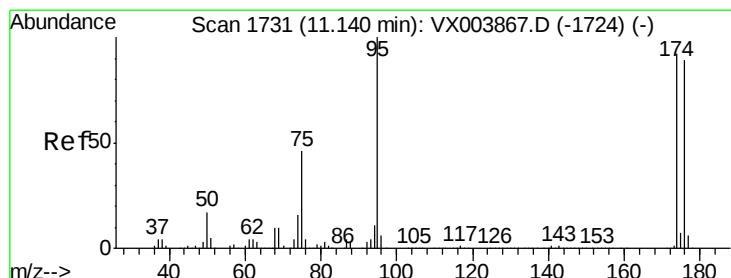
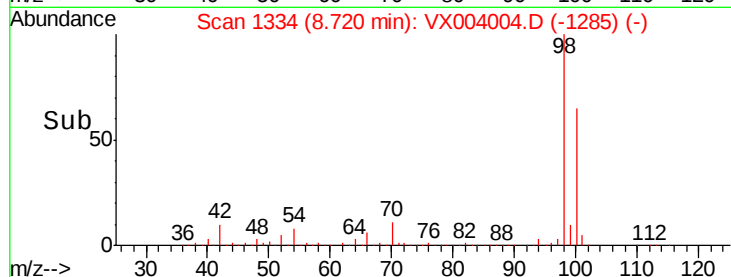
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 50.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004004.D

Acq: 13 Aug 2018 17:01

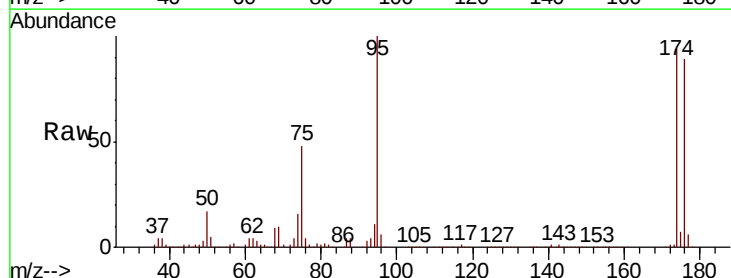
Tgt Ion: 95 Resp: 233823

Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.8

176 88.8 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

11.14

250000

200000

150000

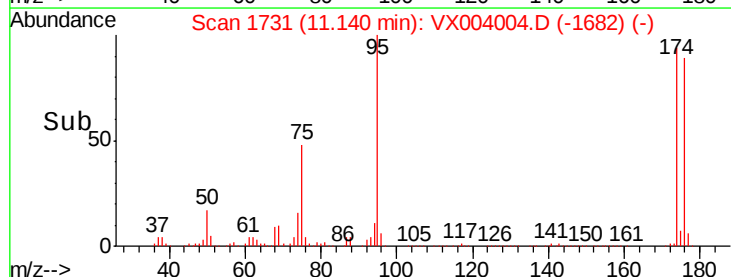
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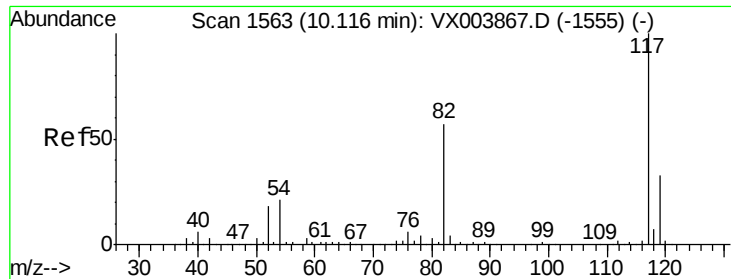
50000

0

Time-->

11.10 11.20

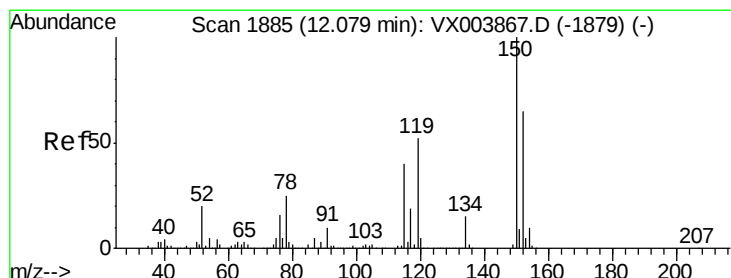
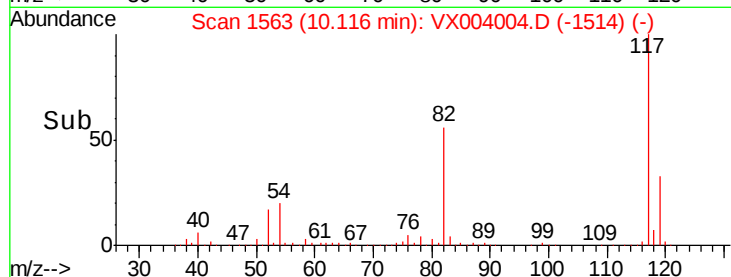
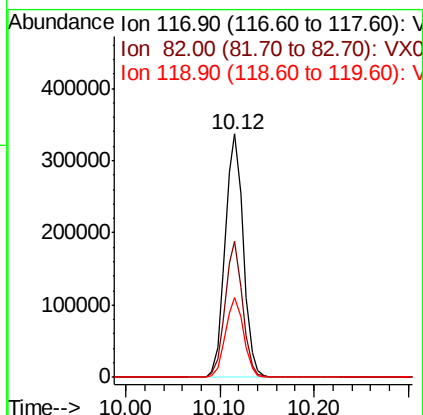
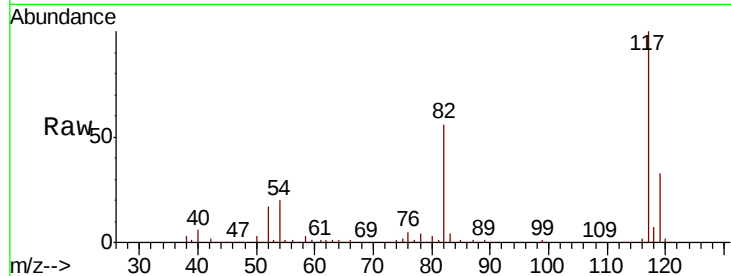




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004004.D
Acq: 13 Aug 2018 17:01

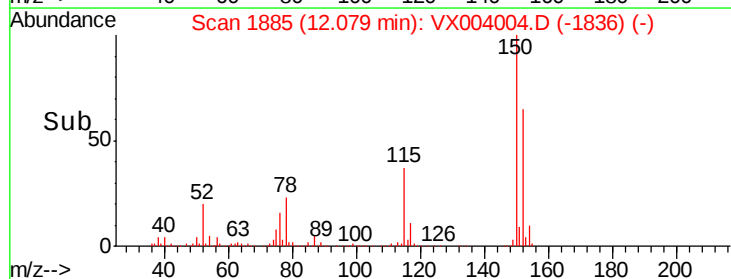
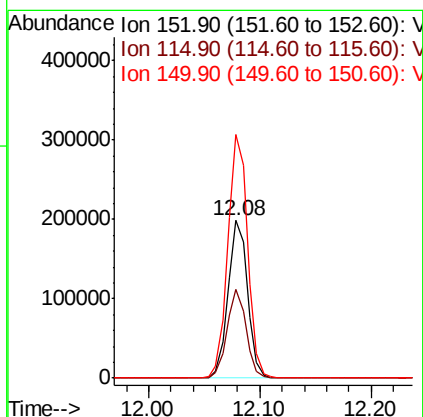
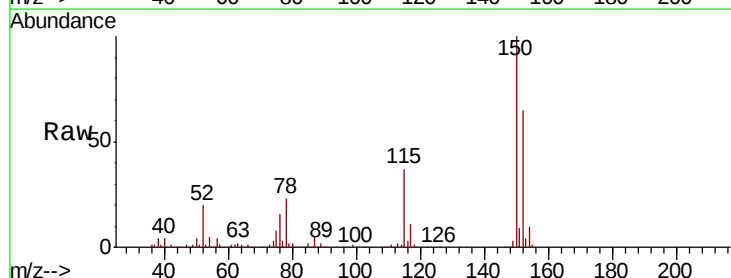
Instrument :
MSVOA_X
ClientSampleId :
SP-1-9

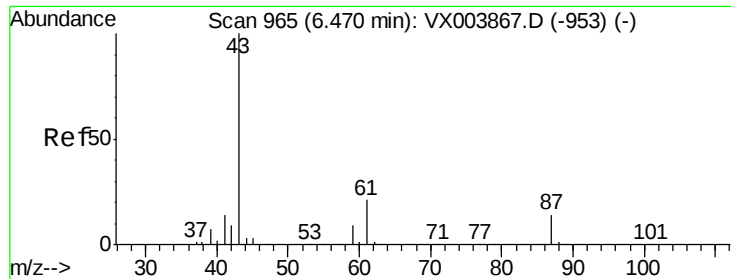
Tot Ion:117 Resp: 451397
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004004.D
Acq: 13 Aug 2018 17:01

Tgt Ion:152 Resp: 239955
Ion Ratio Lower Upper
152 100
115 54.9 39.1 117.3
150 156.6 0.0 349.2





#74

N-amyl acetate

Concen: 20.57 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004004.D

Acq: 13 Aug 2018 17:01

Instrument :

MSVOA_X

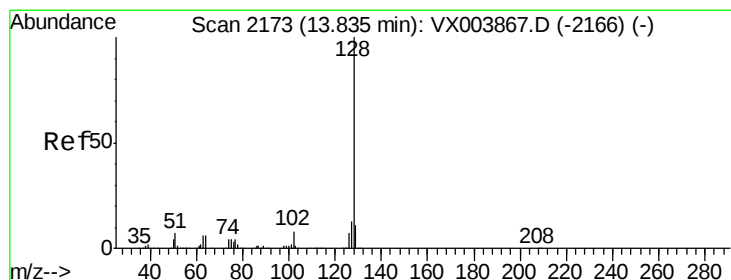
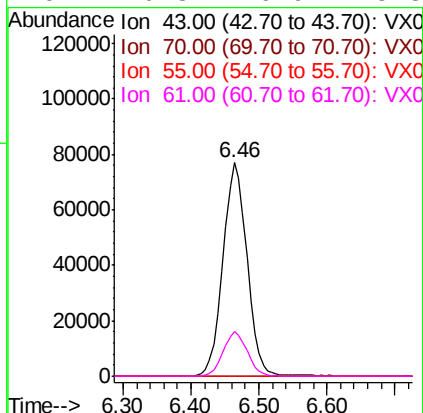
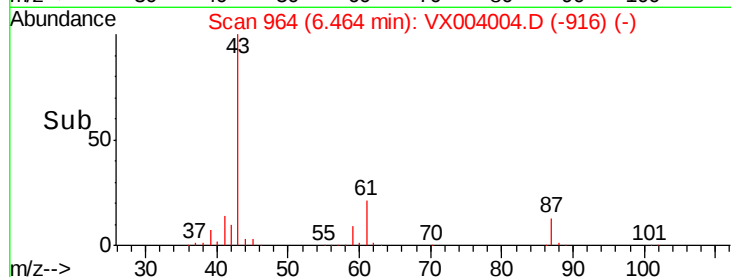
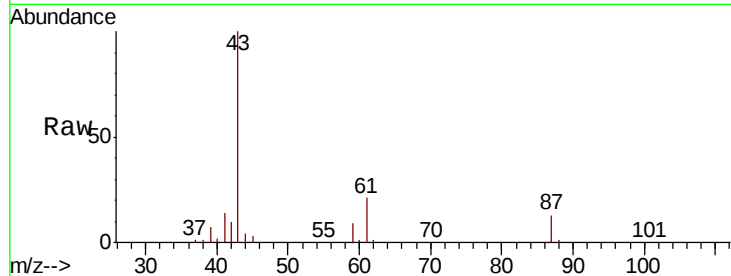
ClientSampleId :

SP-1-9

Tot Ion: 43 Resp: 189906

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.2	0.1	0.1#
61	20.8	16.9	25.3



#95

Naphthalene

Concen: 130.95 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004004.D

Acq: 13 Aug 2018 17:01

Tgt Ion: 128 Resp: 2340438

Ion Ratio Lower Upper

128	100		
127	12.9	10.2	15.2
129	11.0	8.8	13.2

