

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004009.D
 Acq On : 13 Aug 2018 19:14
 Operator : JC/MD
 Sample : J4442-30
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-3

Quant Time: Aug 14 05:24:28 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	310716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	483359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	437028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237726	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	216855	52.65	ug/l	0.00
Spiked Amount						
			Recovery	=	105.30%	
35) Dibromofluoromethane	5.51	113	175225	47.85	ug/l	0.00
Spiked Amount						
			Recovery	=	95.70%	
50) Toluene-d8	8.72	98	675104	47.41	ug/l	0.00
Spiked Amount						
			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.14	95	229610	49.83	ug/l	0.00
Spiked Amount						
			Recovery	=	99.66%	

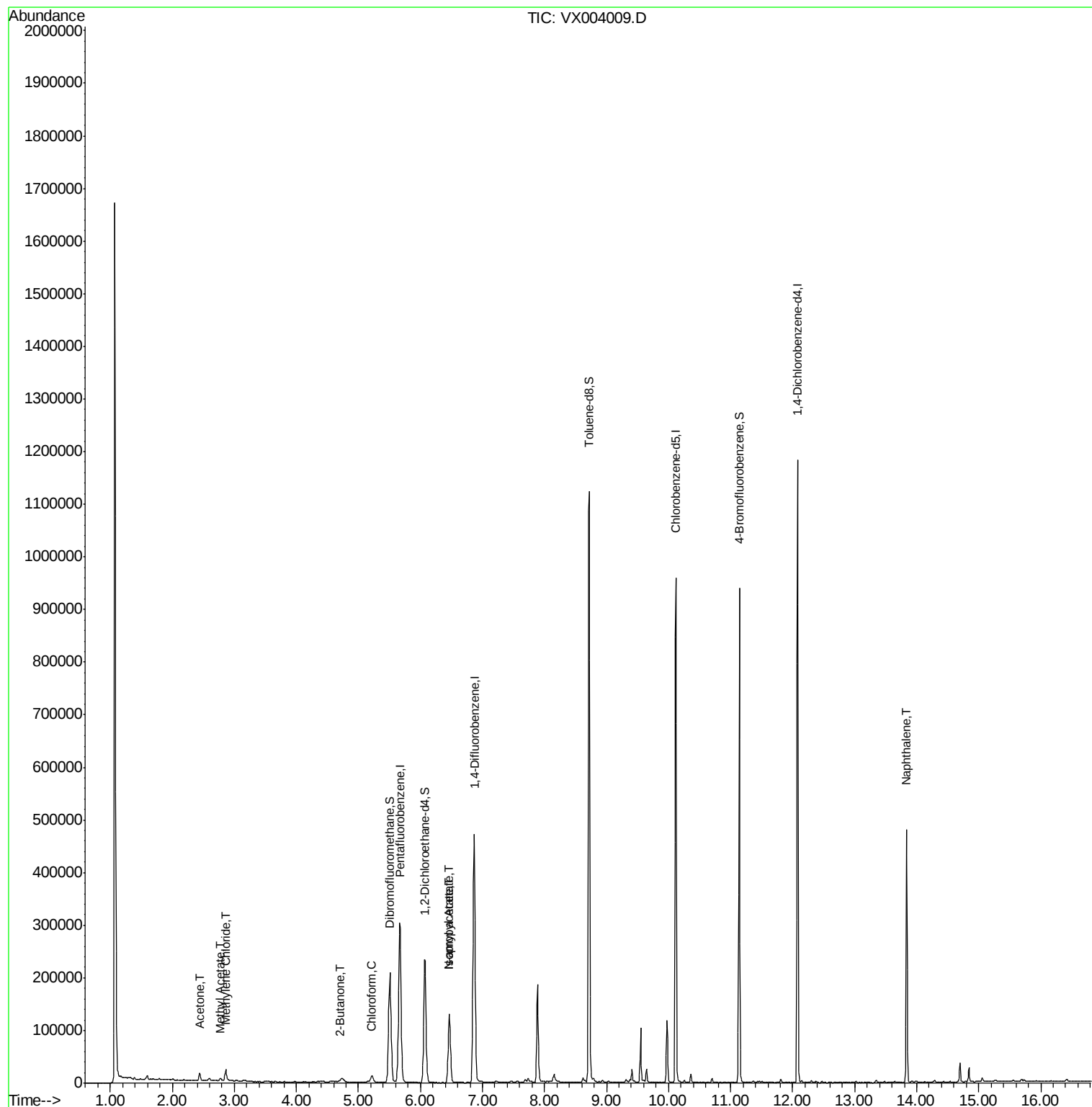
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	15640	6.38	ug/l	99
18) Methyl Acetate	2.77	43	6425	1.20	ug/l	97
20) Methylene Chloride	2.86	84	10163	1.71	ug/l	95
25) 2-Butanone	4.70	43	3870	1.05	ug/l #	89
30) Chloroform	5.21	83	13995	2.12	ug/l	99
43) Isopropyl Acetate	6.46	43	167633	18.71	ug/l	100
74) N-amyl acetate	6.46	43	167633	18.33	ug/l #	100
95) Naphthalene	13.83	128	303254	17.13	ug/l	100

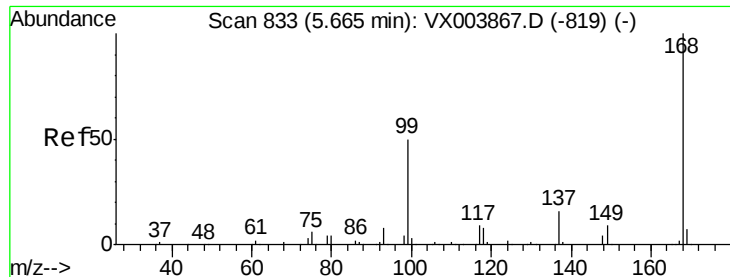
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081318\
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ClientSampleId :
SP-1-3

Quant Time: Aug 14 05:24:28 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: VX004009.D

Acq: 13 Aug 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

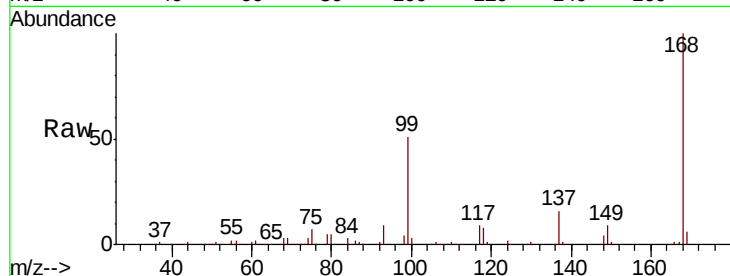
SP-1-3

Tot Ion:168 Resp: 310716

Ion Ratio Lower Upper

168 100

99 50.7 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

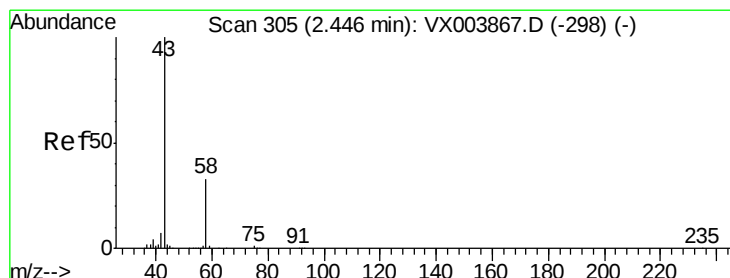
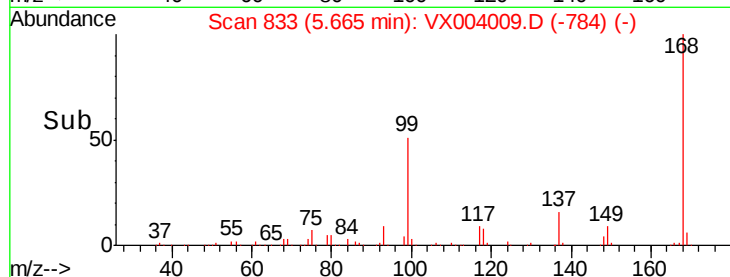
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.38 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX004009.D

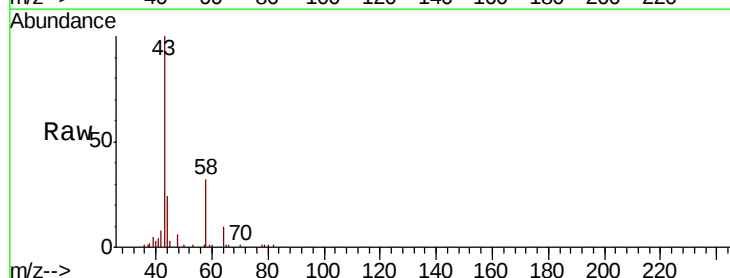
Acq: 13 Aug 2018 19:14

Tgt Ion: 43 Resp: 15640

Ion Ratio Lower Upper

43 100

58 32.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

10000

8000

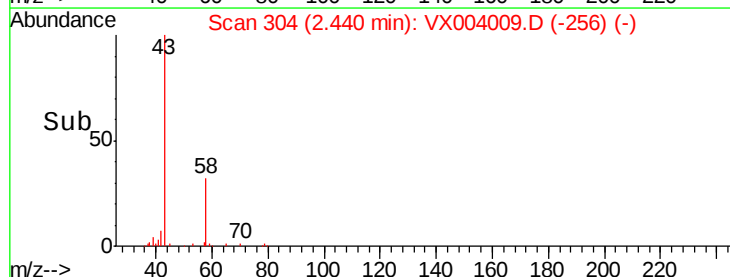
6000

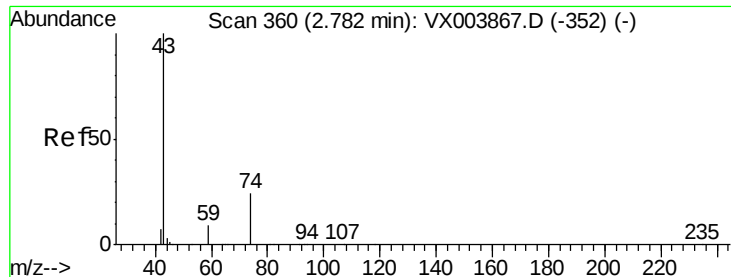
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

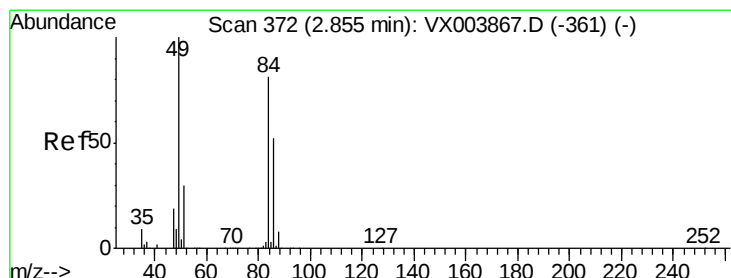
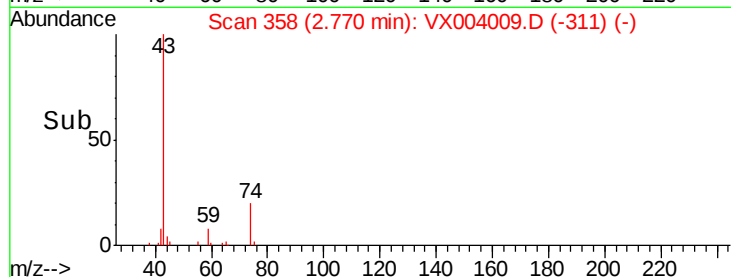
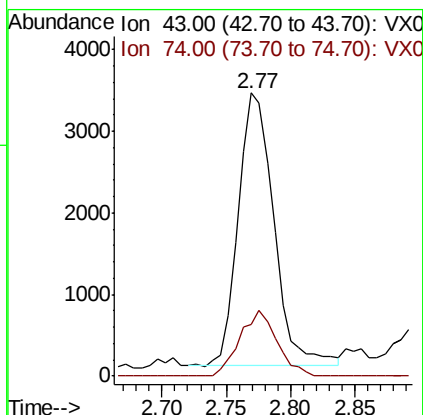
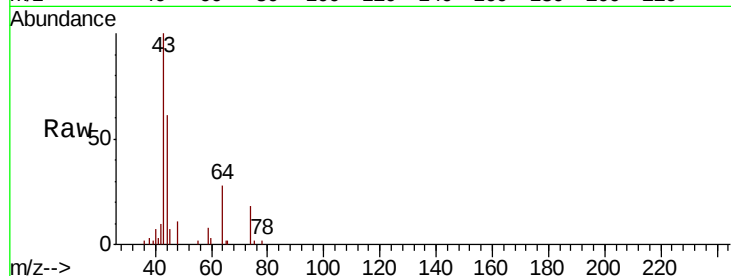




#18
Methvl Acetate
Concen: 1.20 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX004009.D
Acq: 13 Aug 2018 19:14

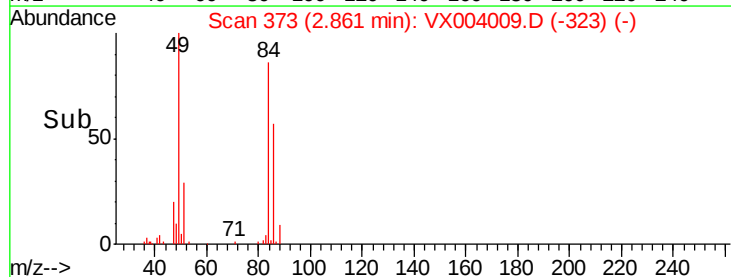
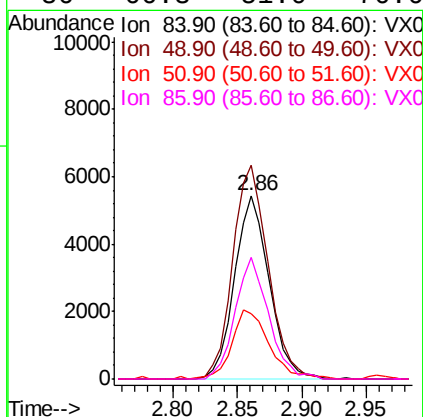
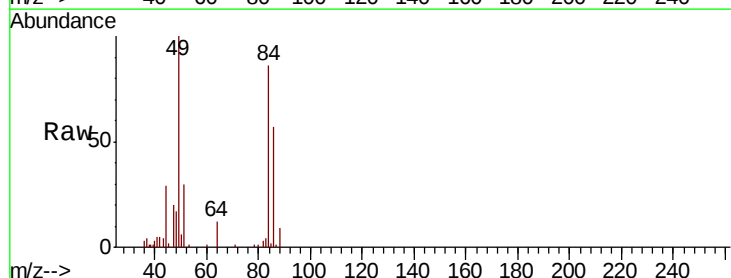
Instrument :
MSVOA_X
ClientSampleId :
SP-1-3

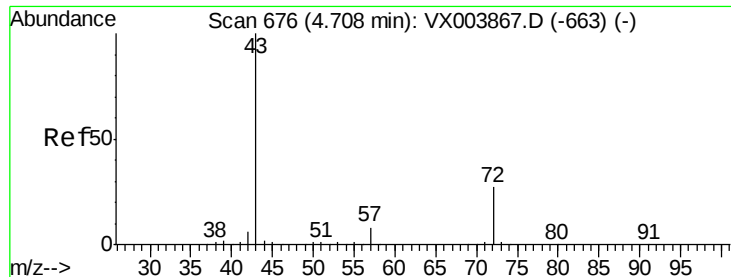
Tot Ion: 43 Resp: 6425
Ion Ratio Lower Upper
43 100
74 24.9 18.9 28.3



#20
Methylene Chloride
Concen: 1.71 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX004009.D
Acq: 13 Aug 2018 19:14

Tgt Ion: 84 Resp: 10163
Ion Ratio Lower Upper
84 100
49 116.3 98.9 148.3
51 35.3 29.9 44.9
86 66.3 51.0 76.6





#25

2-Butanone

Concen: 1.05 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004009.D

Acq: 13 Aug 2018 19:14

Instrument :

MSVOA_X

ClientSampled :

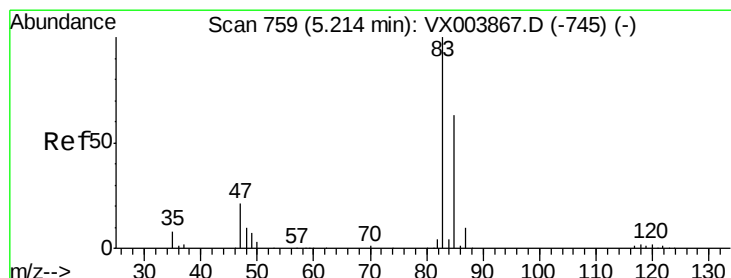
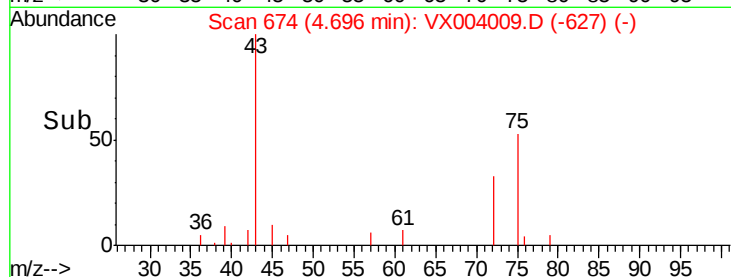
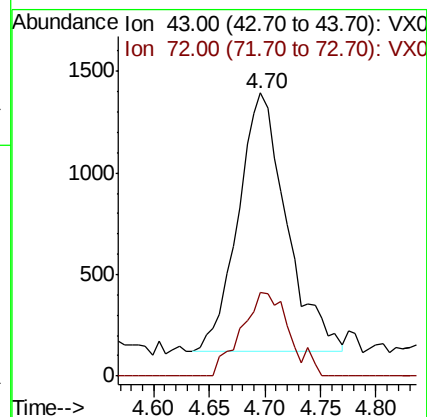
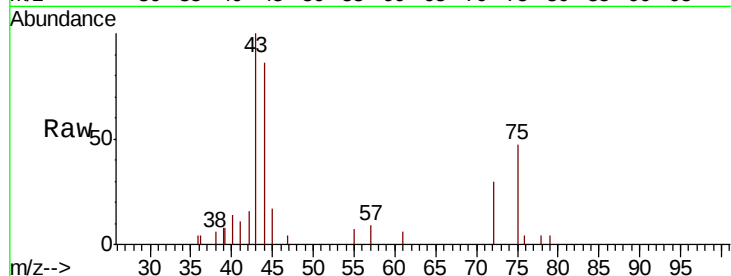
SP-1-3

Tot Ion: 43 Resp: 3870

Ion Ratio Lower Upper

43 100

72 32.4 21.4 32.0#



#30

Chloroform

Concen: 2.12 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004009.D

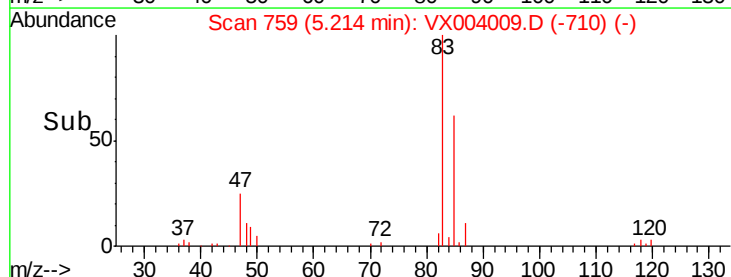
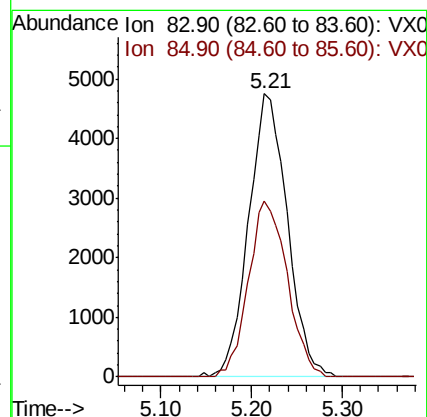
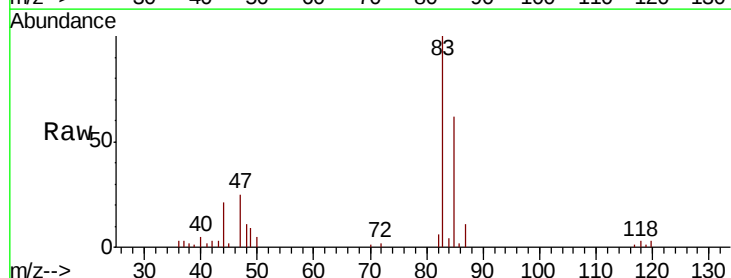
Acq: 13 Aug 2018 19:14

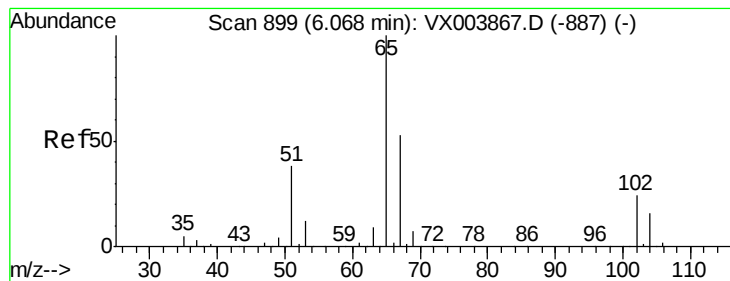
Tgt Ion: 83 Resp: 13995

Ion Ratio Lower Upper

83 100

85 62.3 50.7 76.1





#33

1,2-Dichloroethane-d4

Concen: 52.65 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX004009.D

Acq: 13 Aug 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

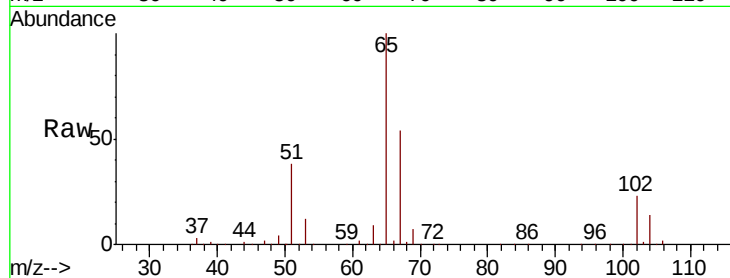
SP-1-3

Tot Ion: 65 Resp: 216855

Ion Ratio Lower Upper

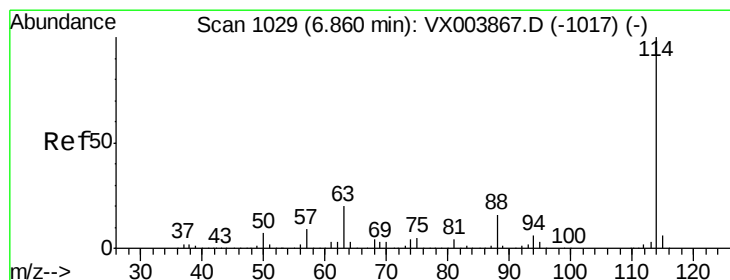
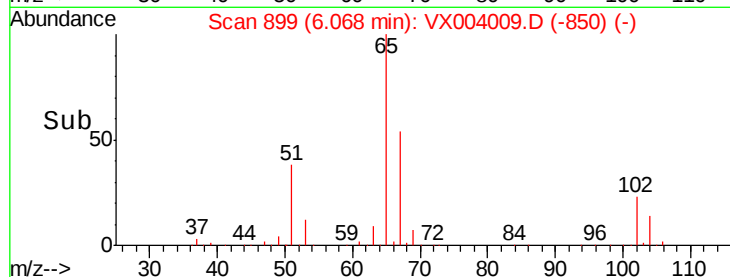
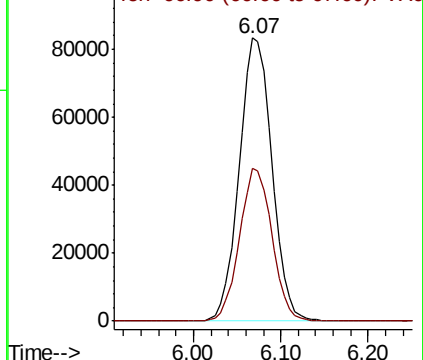
65 100

67 53.5 0.0 105.8



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: 6.87 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VX004009.D

Acq: 13 Aug 2018 19:14

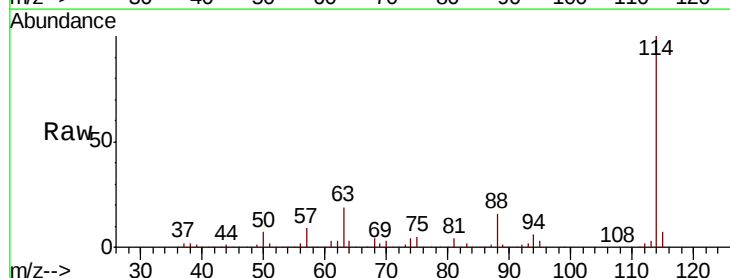
Tgt Ion: 114 Resp: 483359

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

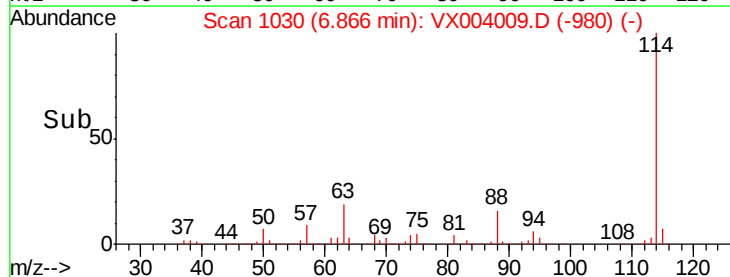
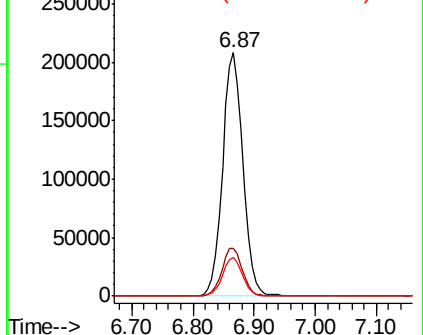
88 15.9 0.0 32.0

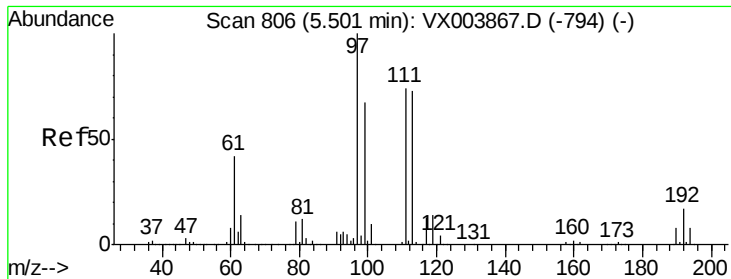


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

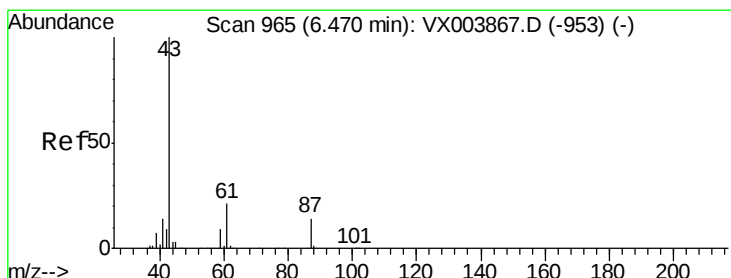
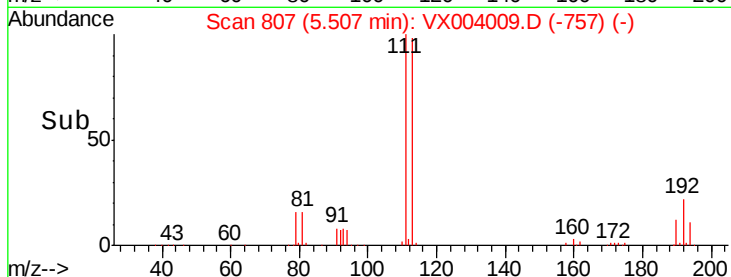
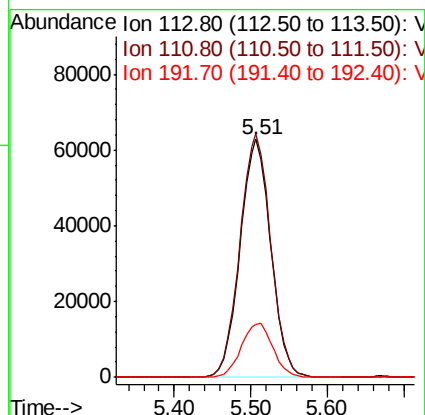
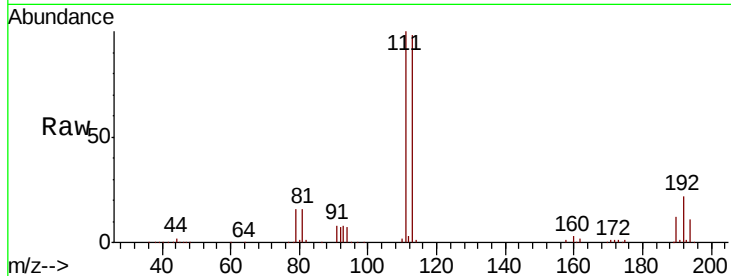




#35
 Dibromofluoromethane
 Concen: 47.85 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004009.D
 Acq: 13 Aug 2018 19:14

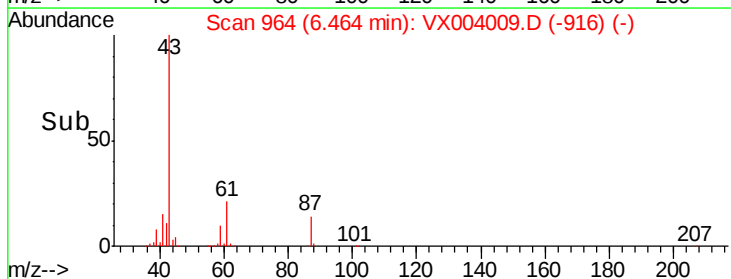
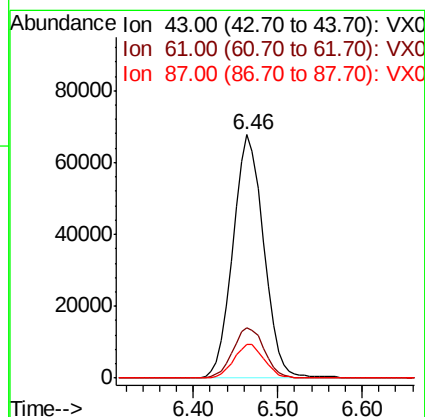
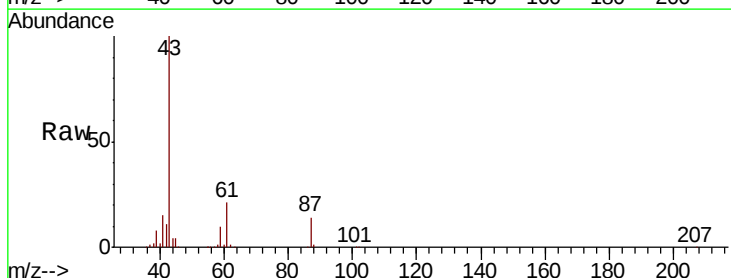
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-3

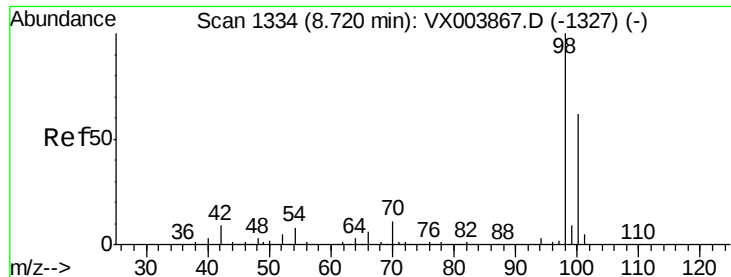
Tot Ion:113 Resp: 175225
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 23.3 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 18.71 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX004009.D
 Acq: 13 Aug 2018 19:14

Tgt Ion: 43 Resp: 167633
 Ion Ratio Lower Upper
 43 100
 61 21.2 16.9 25.3
 87 13.8 11.3 16.9





#50

Toluene-d8

Concen: 47.41 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX004009.D

Acq: 13 Aug 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

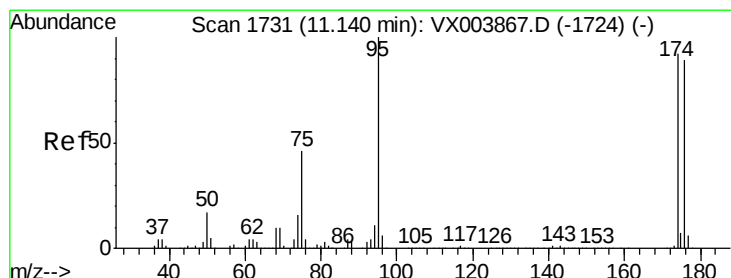
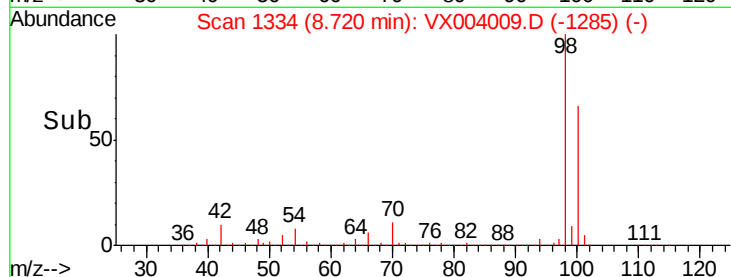
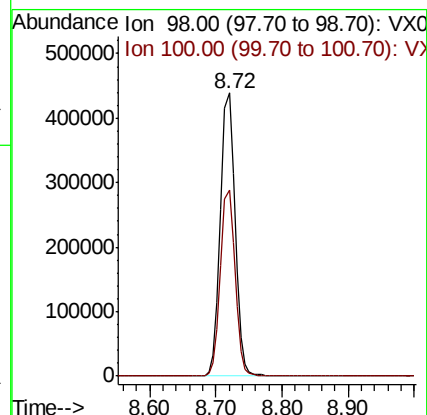
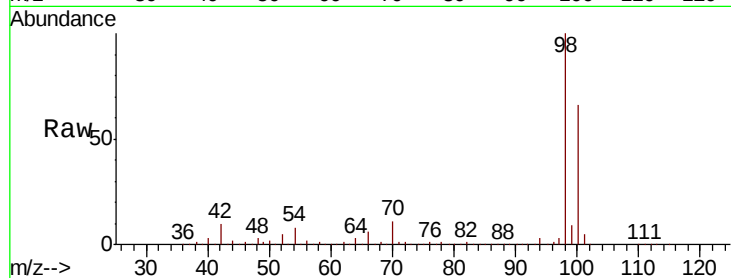
SP-1-3

Tot Ion: 98 Resp: 675104

Ion Ratio Lower Upper

98 100

100 65.5 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 49.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004009.D

Acq: 13 Aug 2018 19:14

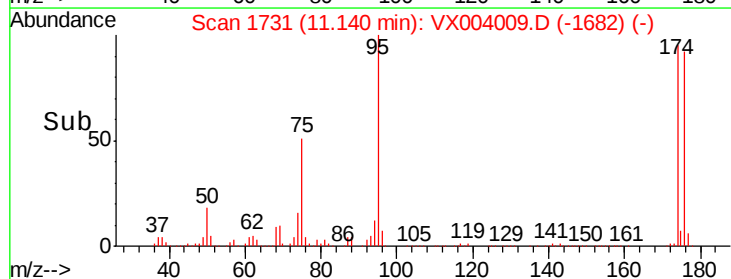
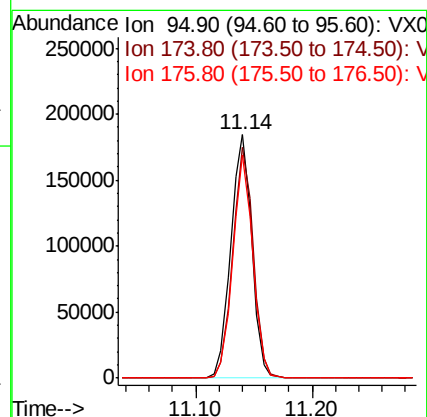
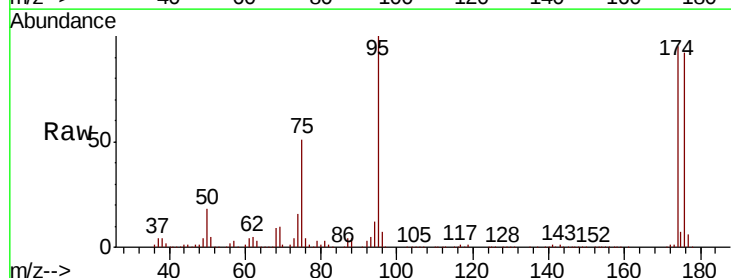
Tgt Ion: 95 Resp: 229610

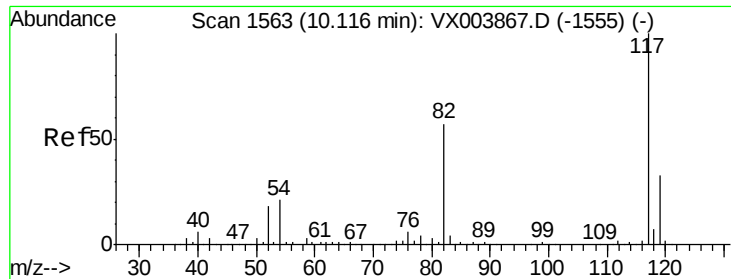
Ion Ratio Lower Upper

95 100

174 93.6 0.0 182.8

176 88.3 0.0 179.0

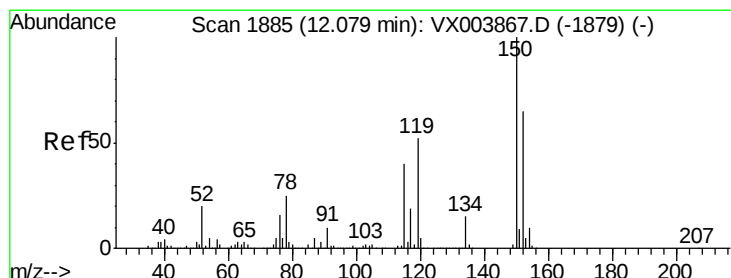
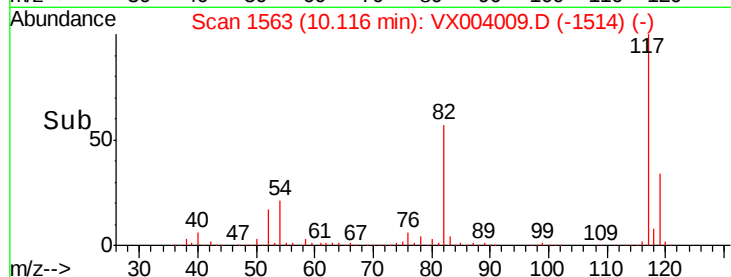
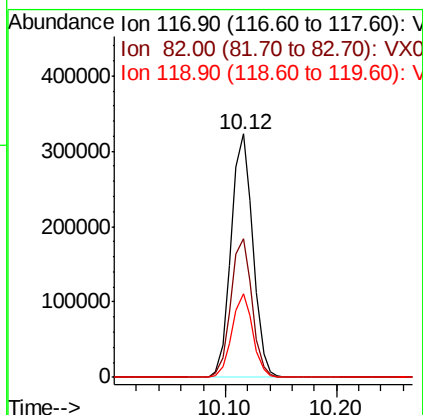
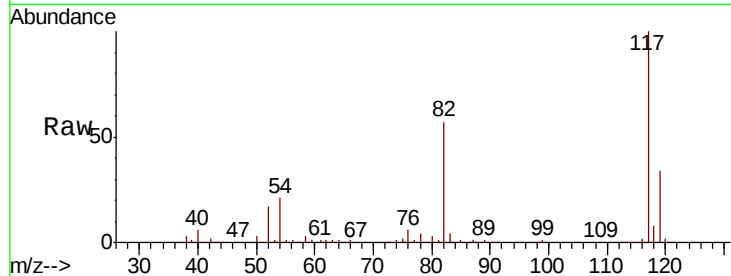




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004009.D
Acq: 13 Aug 2018 19:14

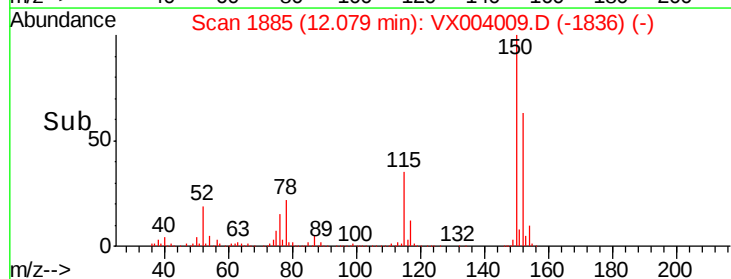
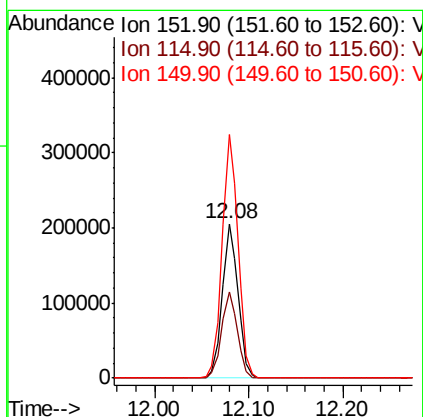
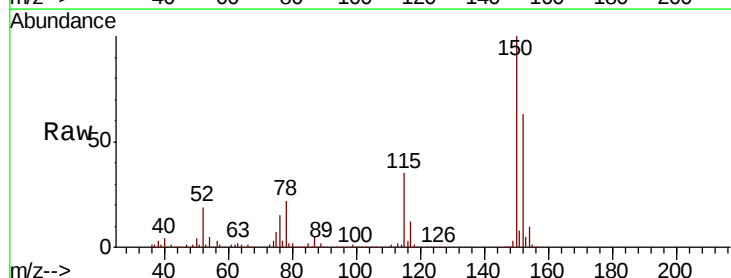
Instrument :
MSVOA_X
ClientSampleId :
SP-1-3

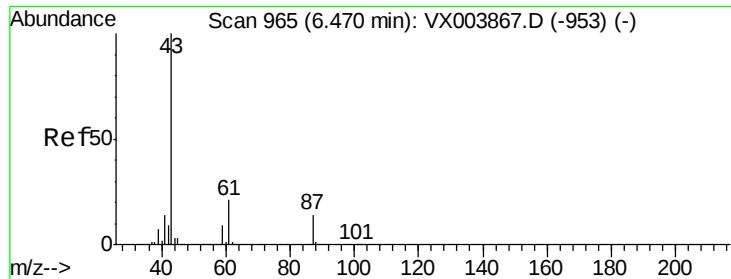
Tot Ion:117 Resp: 437028
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 34.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004009.D
Acq: 13 Aug 2018 19:14

Tgt Ion:152 Resp: 237726
Ion Ratio Lower Upper
152 100
115 56.2 39.1 117.3
150 159.5 0.0 349.2





#74

N-amyl acetate

Concen: 18.33 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004009.D

Acq: 13 Aug 2018 19:14

Instrument :

MSVOA_X

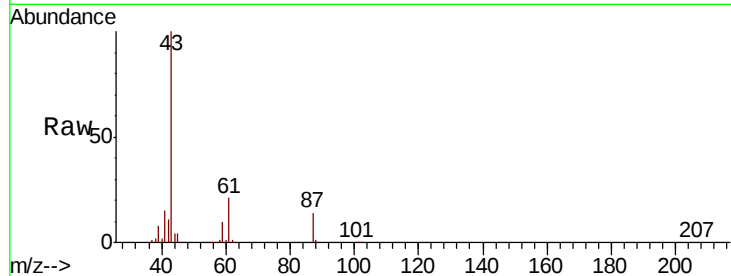
ClientSampleId :

SP-1-3

Tot Ion: 43 Resp: 167633

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.2	0.1	0.1#
61	21.2	16.9	25.3

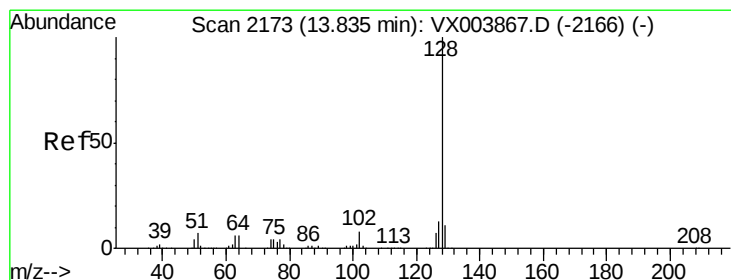
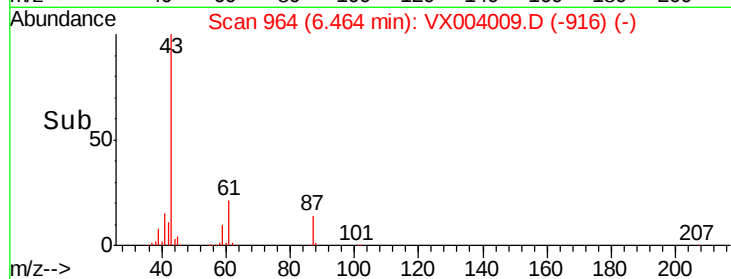
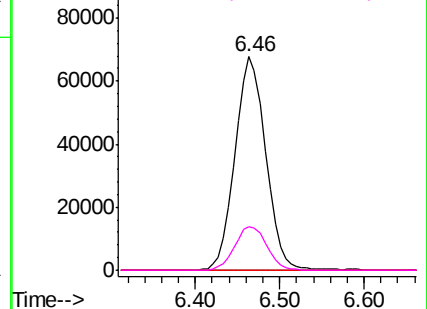


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.13 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

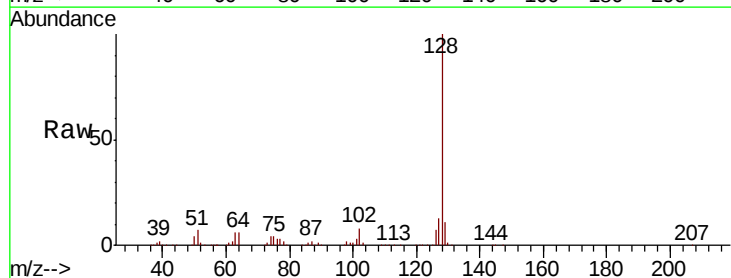
Lab File: VX004009.D

Acq: 13 Aug 2018 19:14

Tgt Ion: 128 Resp: 303254

Ion Ratio Lower Upper

128	100		
127	12.7	10.2	15.2
129	10.7	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

