

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004006.D
 Acq On : 13 Aug 2018 17:54
 Operator : JC/MD
 Sample : J4443-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SALEM-RD-SP

Quant Time: Aug 14 05:17:58 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	310907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	496189	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	471094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257850	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	220862	53.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.18%	
35) Dibromofluoromethane	5.50	113	188839	50.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.48%	
50) Toluene-d8	8.72	98	695861	47.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.20%	
62) 4-Bromofluorobenzene	11.14	95	244840	51.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.52%	

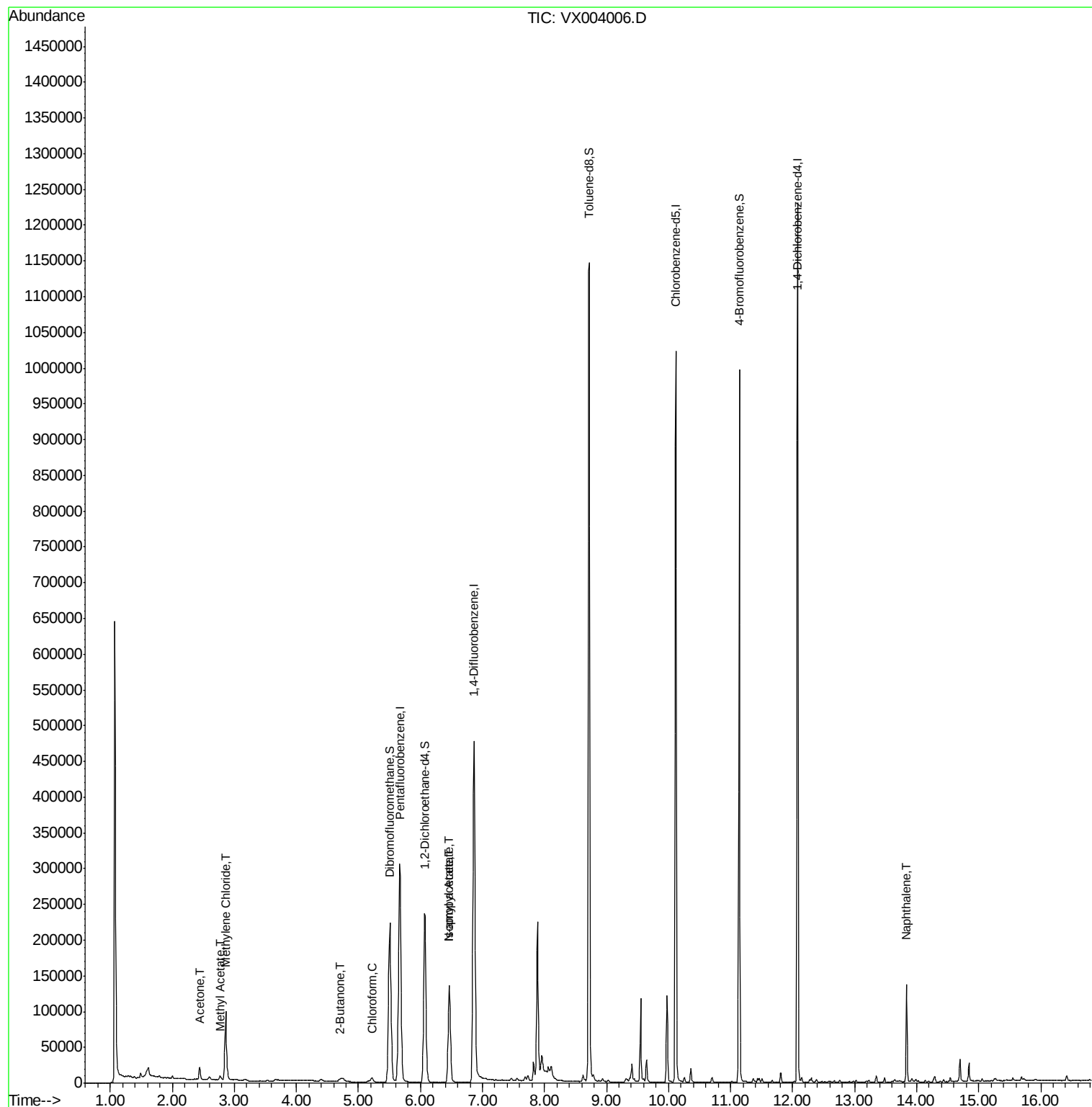
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	18712	7.63	ug/l	99
18) Methyl Acetate	2.78	43	6945	1.30	ug/l	94
20) Methylene Chloride	2.86	84	45824	7.71	ug/l	95
25) 2-Butanone	4.70	43	6367	1.73	ug/l	92
30) Chloroform	5.22	83	6717	1.02	ug/l	97
43) Isopropyl Acetate	6.46	43	175192	19.04	ug/l	100
74) N-amyl acetate	6.46	43	175192	17.66	ug/l #	100
95) Naphthalene	13.83	128	84995	4.43	ug/l	100

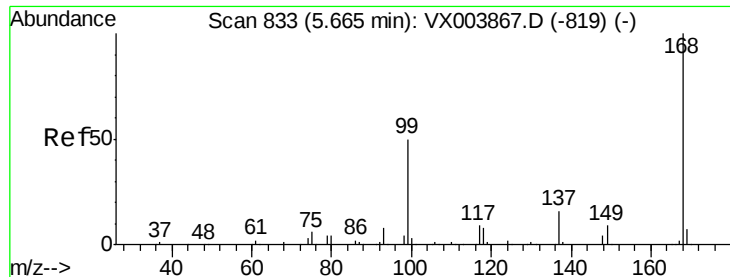
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081318\
Data File : VX004006.D
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Sample : J4443-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SALEM-RD-SP

Quant Time: Aug 14 05:17:58 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: VX004006.D

Acq: 13 Aug 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

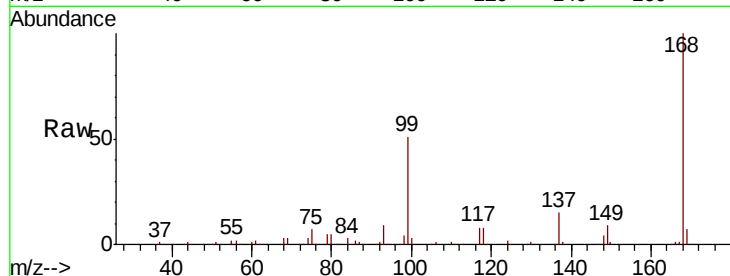
SALEM-RD-SP

Tot Ion:168 Resp: 310907

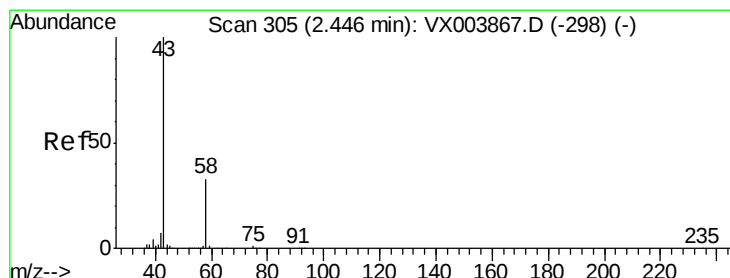
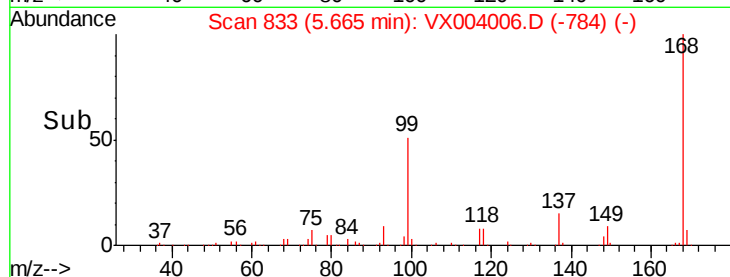
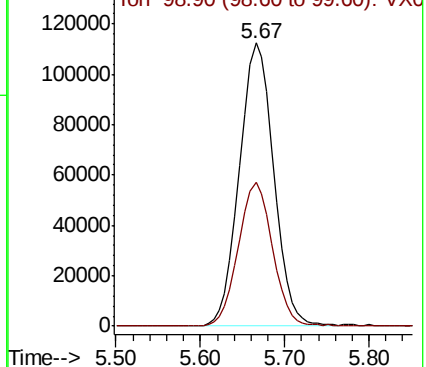
Ion Ratio Lower Upper

168 100

99 50.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): VX003867.D (-819) (-)



#16

Acetone

Concen: 7.63 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX004006.D

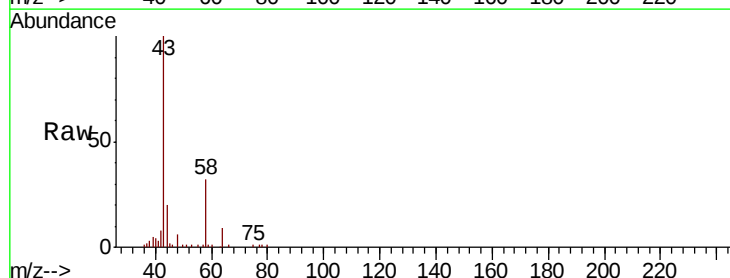
Acq: 13 Aug 2018 17:54

Tgt Ion: 43 Resp: 18712

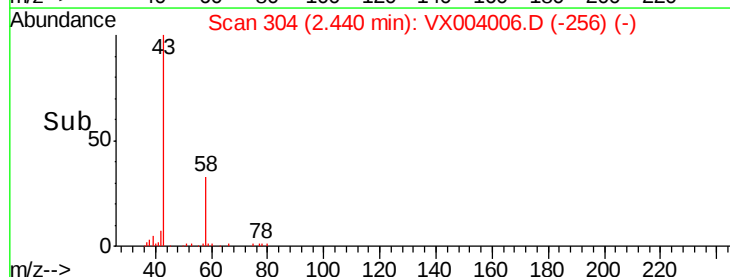
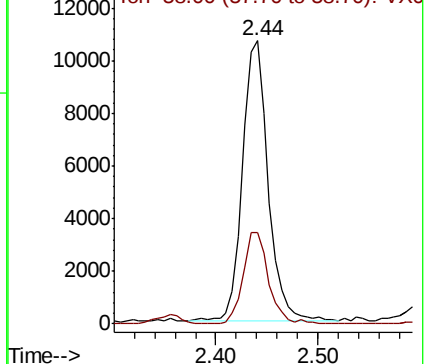
Ion Ratio Lower Upper

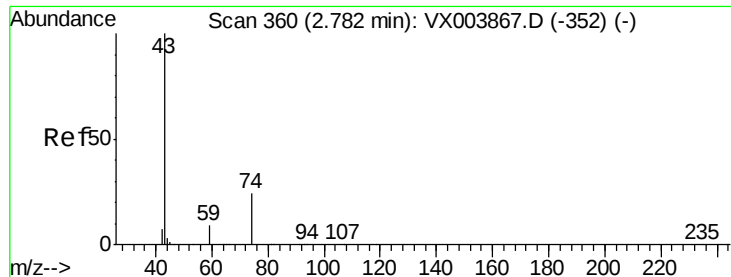
43 100

58 32.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX003867.D (-298) (-)

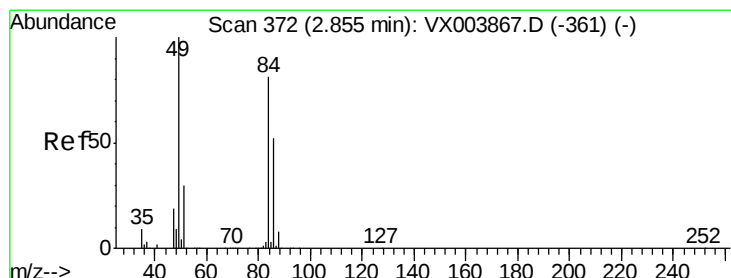
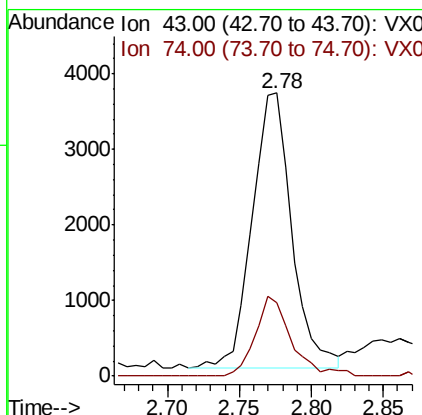
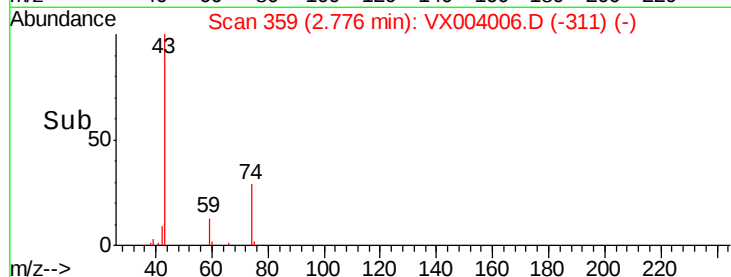
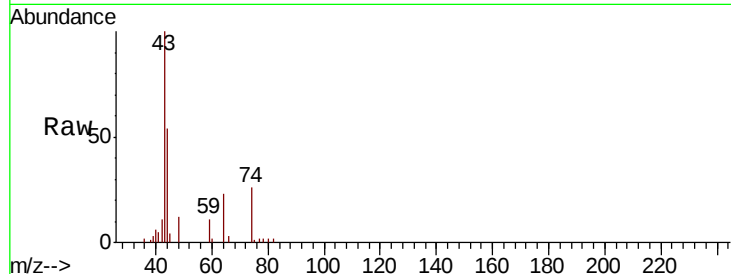




#18
Methvl Acetate
Concen: 1.30 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX004006.D
Acq: 13 Aug 2018 17:54

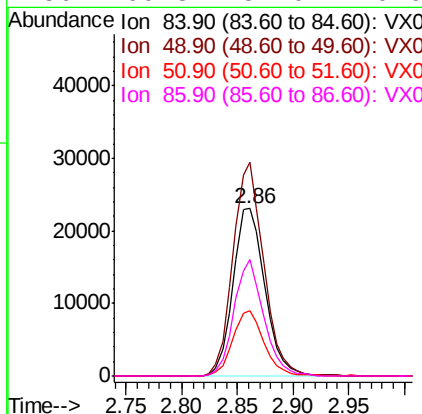
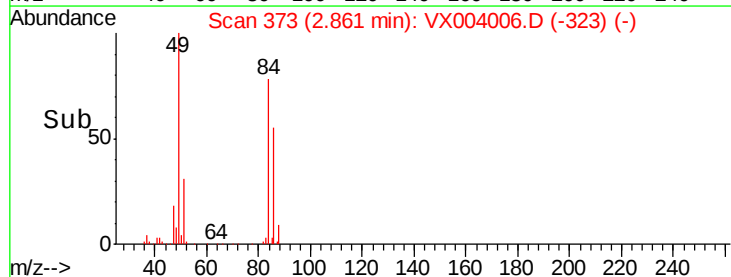
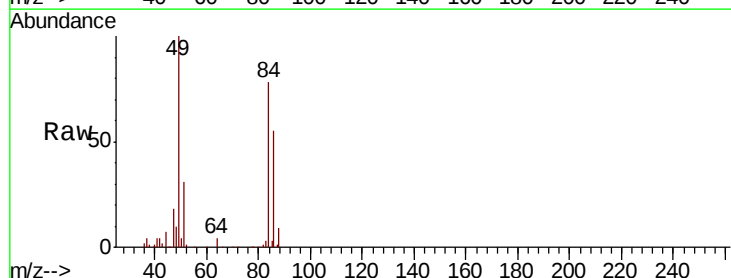
Instrument :
MSVOA_X
ClientSampleId :
SALEM-RD-SP

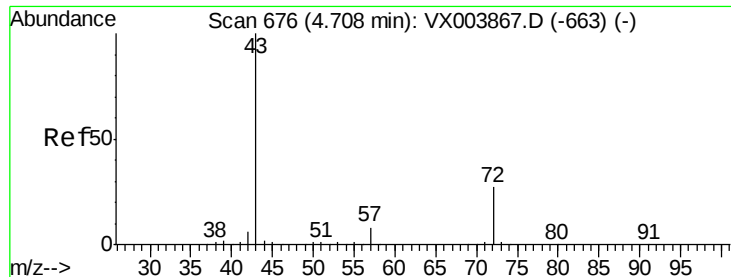
Tot Ion: 43 Resp: 6945
Ion Ratio Lower Upper
43 100
74 26.5 18.9 28.3



#20
Methylene Chloride
Concen: 7.71 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX004006.D
Acq: 13 Aug 2018 17:54

Tgt Ion: 84 Resp: 45824
Ion Ratio Lower Upper
84 100
49 127.5 98.9 148.3
51 39.2 29.9 44.9
86 69.8 51.0 76.6





#25

2-Butanone

Concen: 1.73 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004006.D

Acq: 13 Aug 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

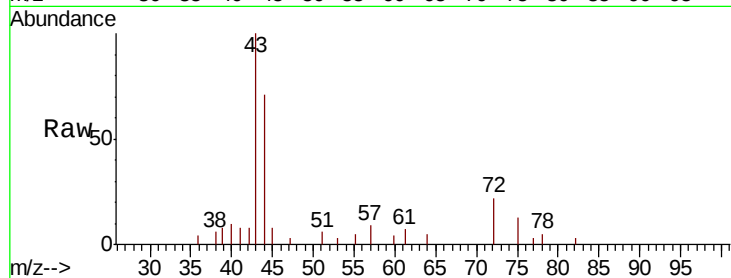
SALEM-RD-SP

Tot Ion: 43 Resp: 6367

Ion Ratio Lower Upper

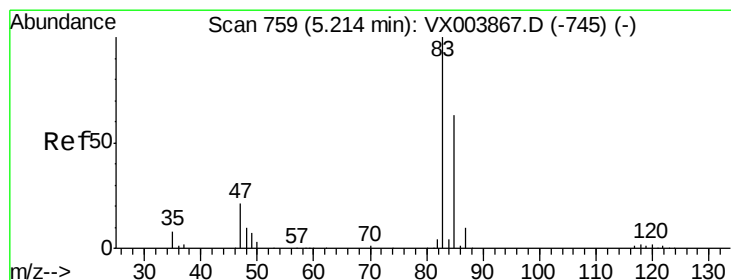
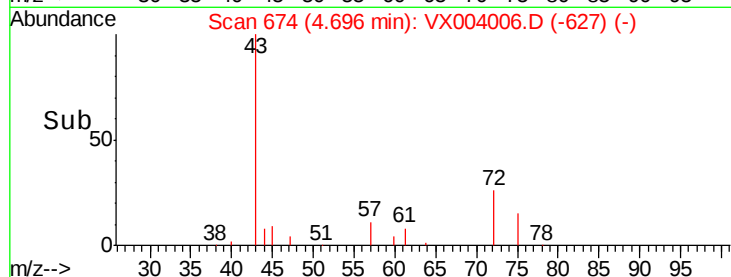
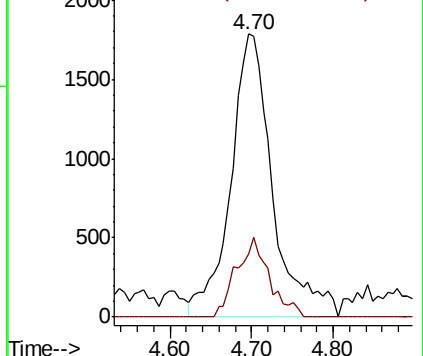
43 100

72 22.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 1.02 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX004006.D

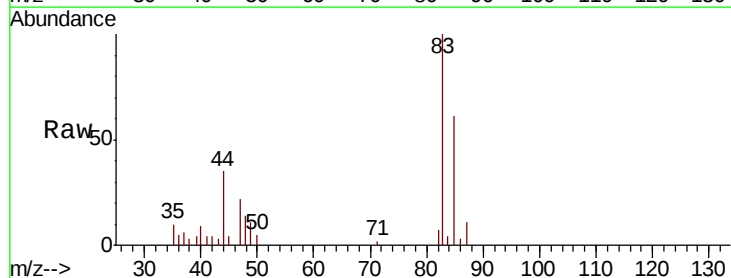
Acq: 13 Aug 2018 17:54

Tgt Ion: 83 Resp: 6717

Ion Ratio Lower Upper

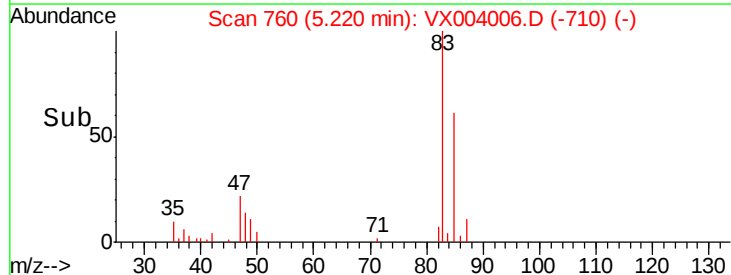
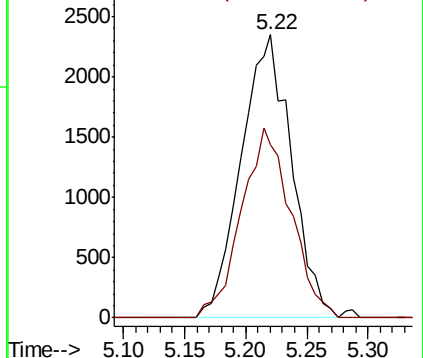
83 100

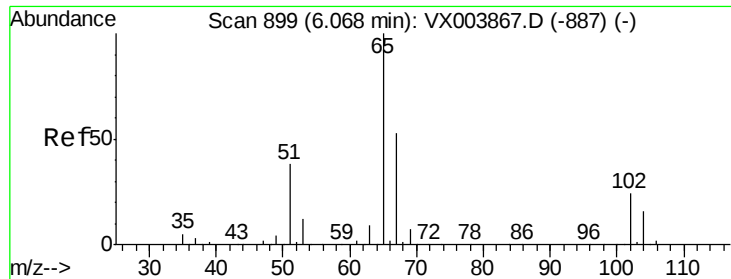
85 61.3 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

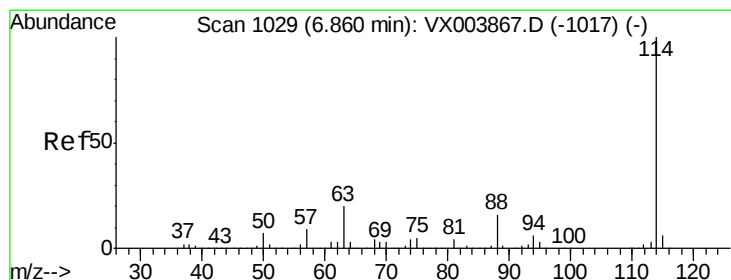
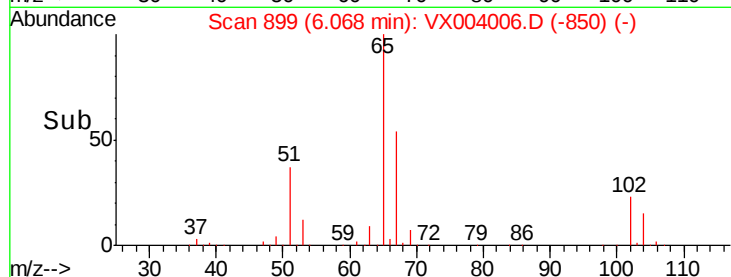
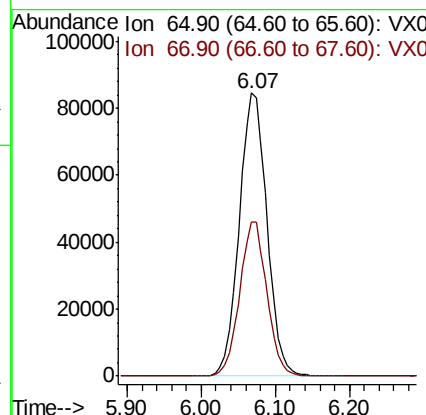
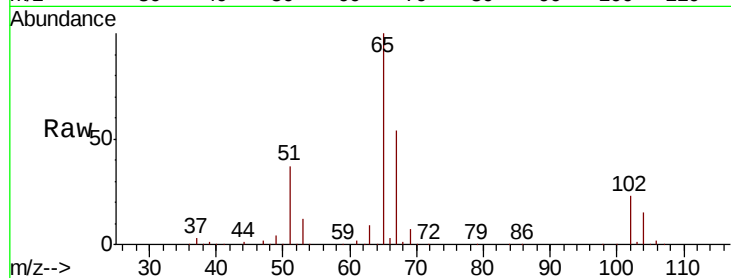




#33
 1,2-Dichloroethane-d4
 Concen: 53.59 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004006.D
 Acq: 13 Aug 2018 17:54

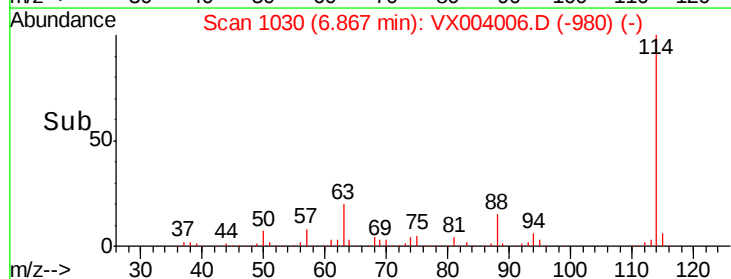
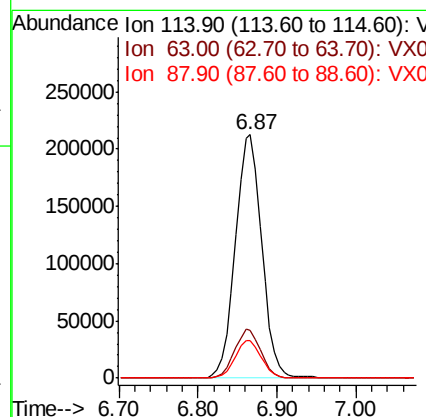
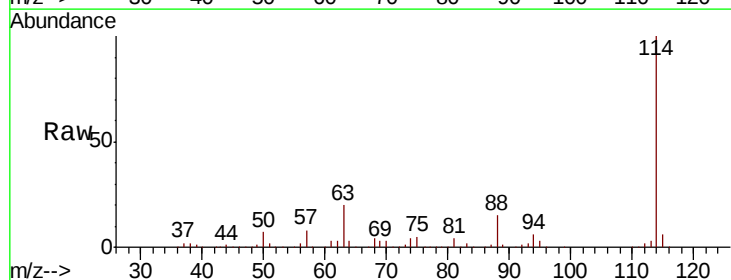
Instrument :
 MSVOA_X
 ClientSampleId :
 SALEM-RD-SP

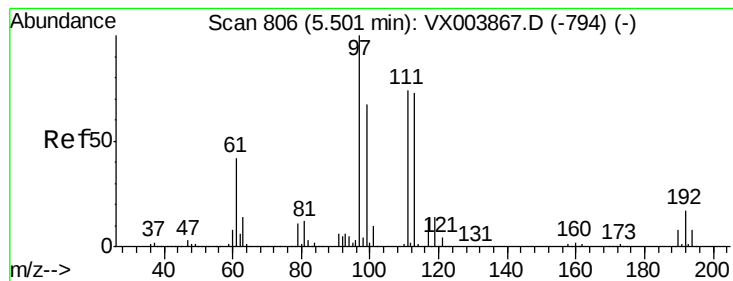
Tot Ion: 65 Resp: 220862
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX004006.D
 Acq: 13 Aug 2018 17:54

Tgt Ion: 114 Resp: 496189
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.24 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004006.D

Acq: 13 Aug 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

SALEM-RD-SP

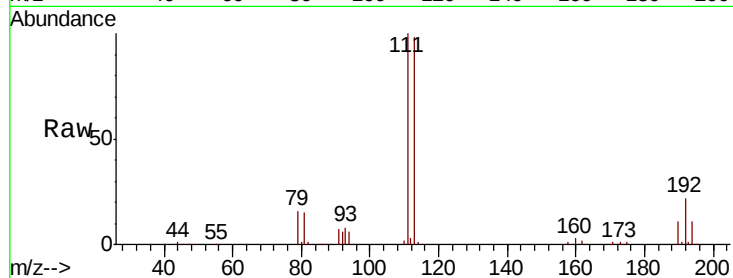
Tot Ion:113 Resp: 188839

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

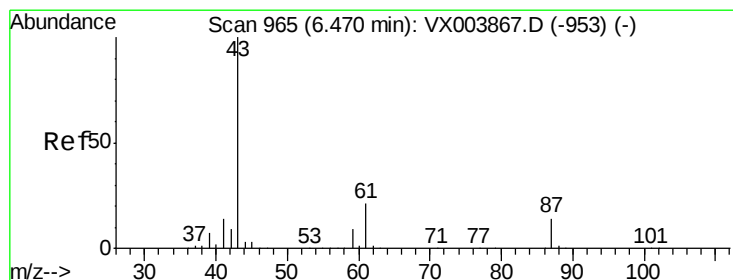
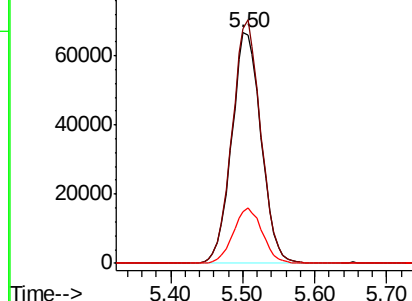
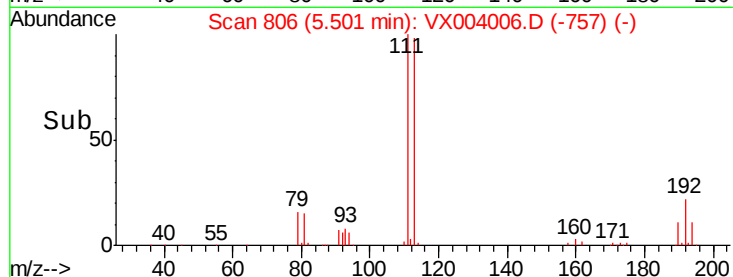
192 23.7 19.0 28.4



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



#43

Isopropyl Acetate

Concen: 19.04 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004006.D

Acq: 13 Aug 2018 17:54

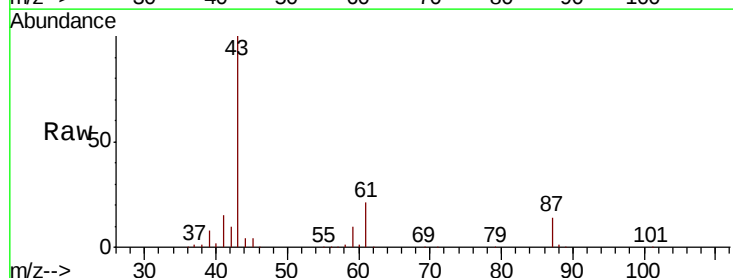
Tgt Ion: 43 Resp: 175192

Ion Ratio Lower Upper

43 100

61 21.1 16.9 25.3

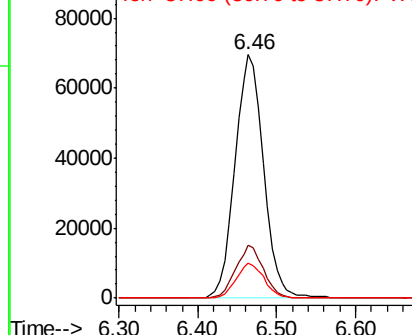
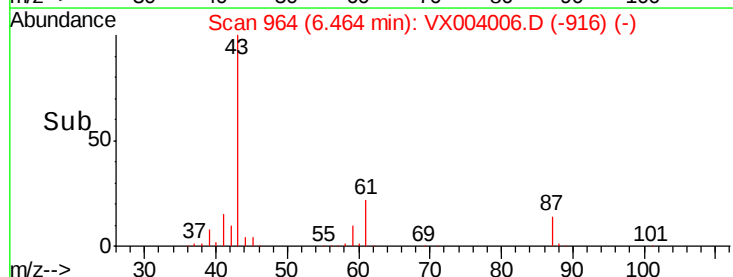
87 14.1 11.3 16.9

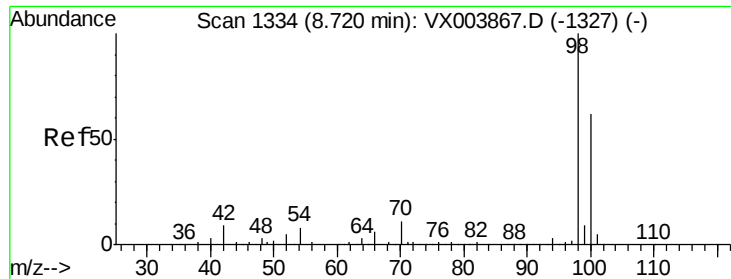


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

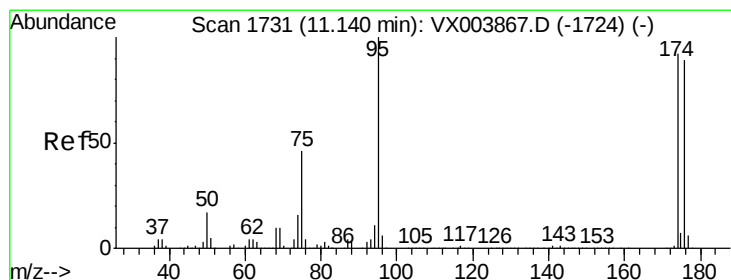
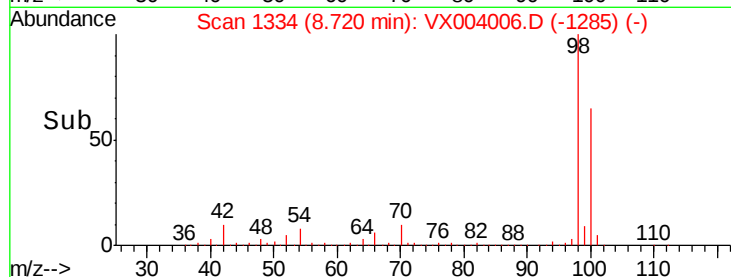
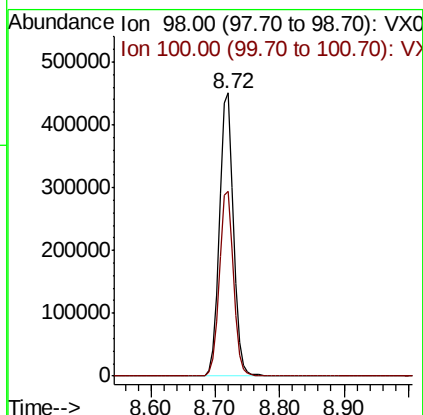
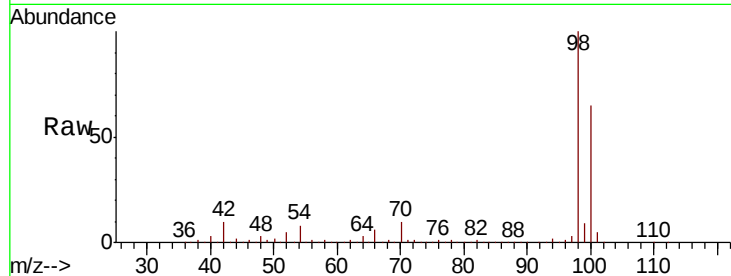




#50
Toluene-d8
Concen: 47.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX004006.D
Acq: 13 Aug 2018 17:54

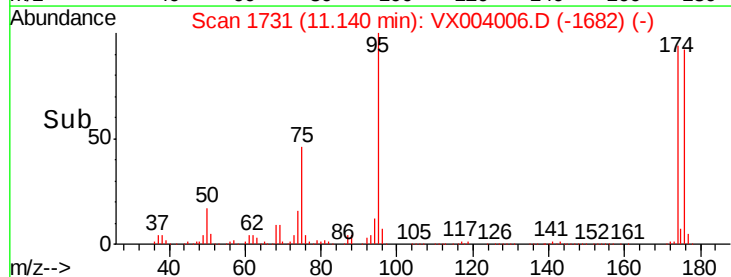
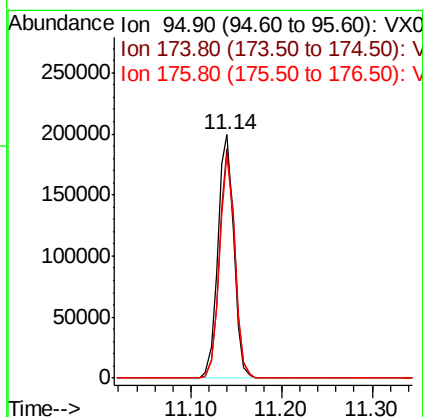
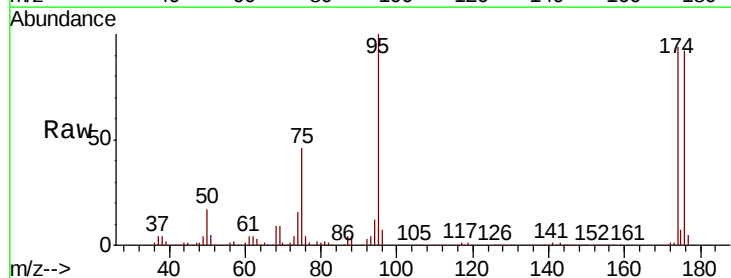
Instrument :
MSVOA_X
ClientSampleId :
SALEM-RD-SP

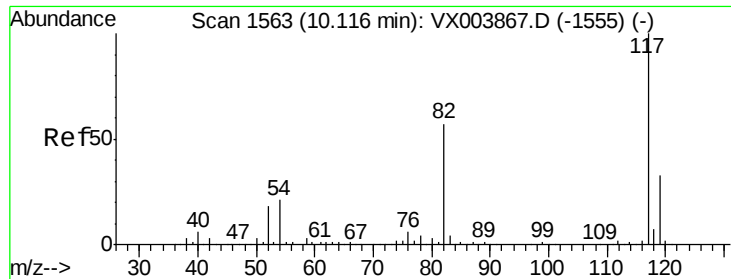
Tot Ion: 98 Resp: 695861
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.76 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004006.D
Acq: 13 Aug 2018 17:54

Tgt Ion: 95 Resp: 244840
Ion Ratio Lower Upper
95 100
174 91.2 0.0 182.8
176 87.9 0.0 179.0

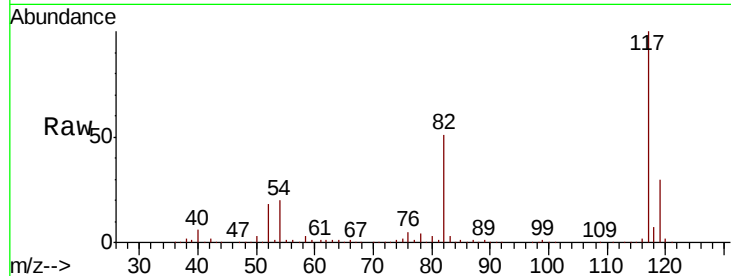




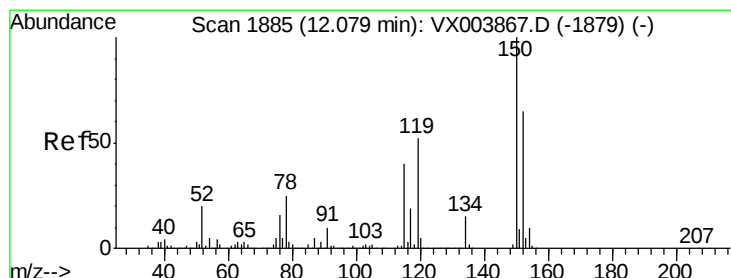
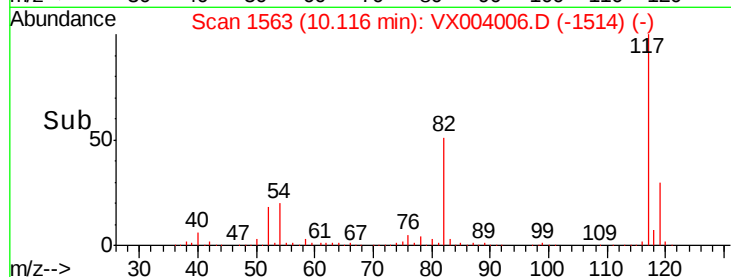
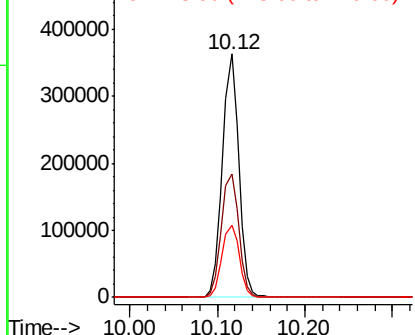
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004006.D
Acq: 13 Aug 2018 17:54

Instrument :
MSVOA_X
ClientSampled :
SALEM-RD-SP

Tot Ion:117 Resp: 471094
Ion Ratio Lower Upper
117 100
82 50.5 45.4 68.0
119 29.8 26.6 40.0

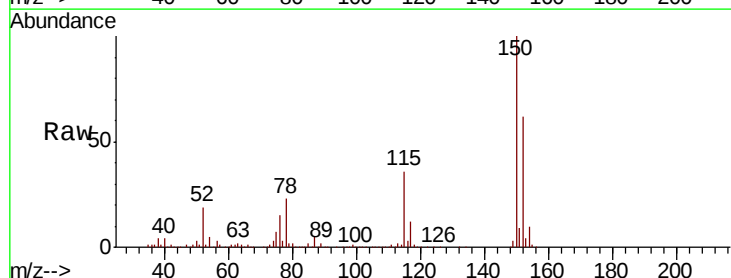


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

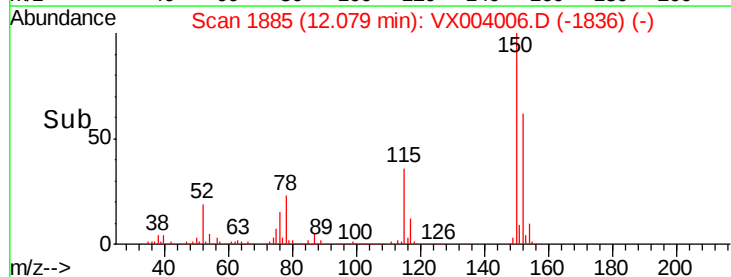
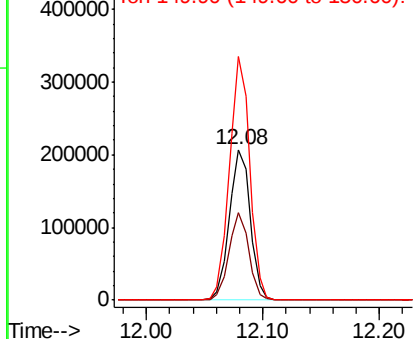


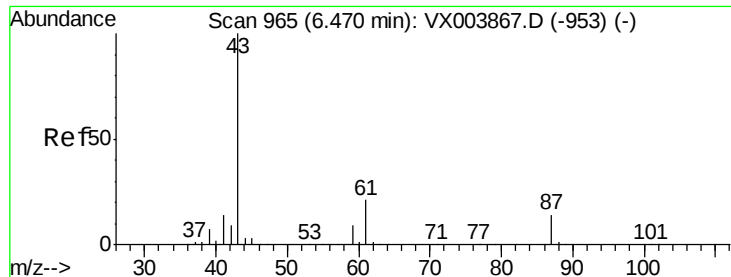
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004006.D
Acq: 13 Aug 2018 17:54

Tgt Ion:152 Resp: 257850
Ion Ratio Lower Upper
152 100
115 55.6 39.1 117.3
150 158.0 0.0 349.2



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





#74

N-amyl acetate

Concen: 17.66 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004006.D

Acq: 13 Aug 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

SALEM-RD-SP

Tot Ion: 43 Resp: 175192

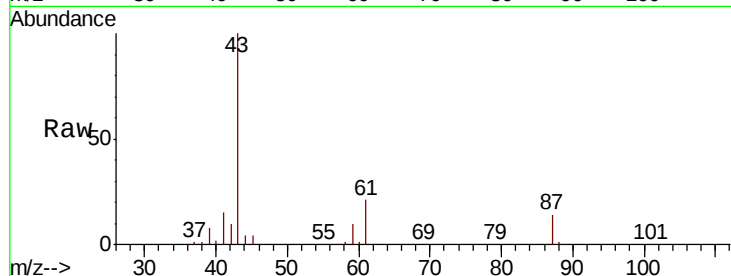
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 21.1 16.9 25.3

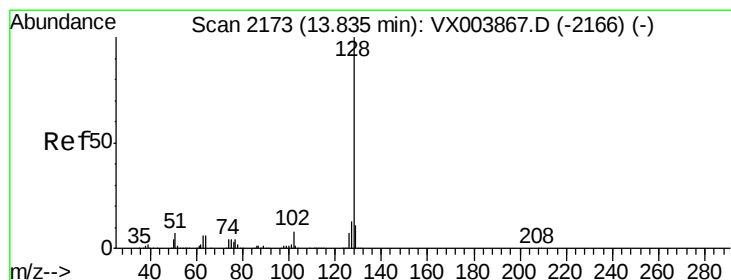
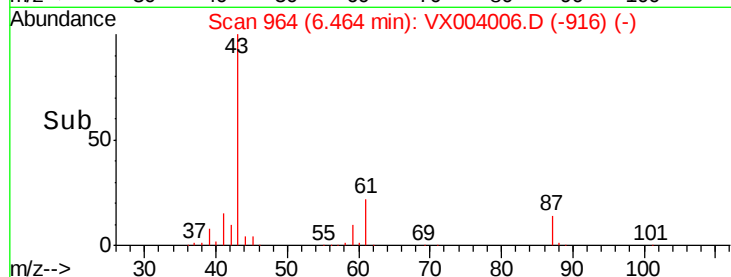
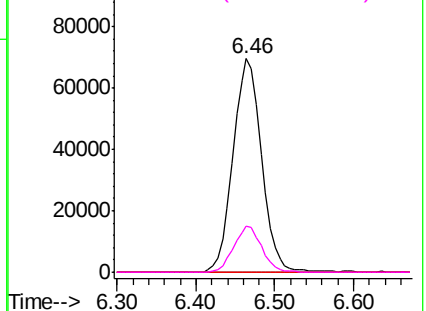


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 4.43 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004006.D

Acq: 13 Aug 2018 17:54

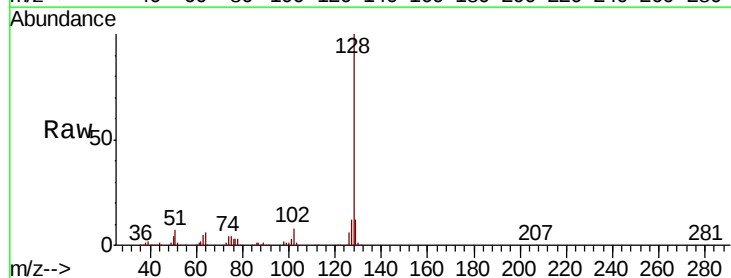
Tgt Ion:128 Resp: 84995

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 11.0 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

