

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004642.D
 Acq On : 18 Sep 2018 01:45
 Operator : JC/MD
 Sample : J4936-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PHASE-1

Quant Time: Sep 18 02:34:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204274	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	155484	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
35) Dibromofluoromethane	5.51	113	145976	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	8.72	98	470241	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.14	95	164371	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	

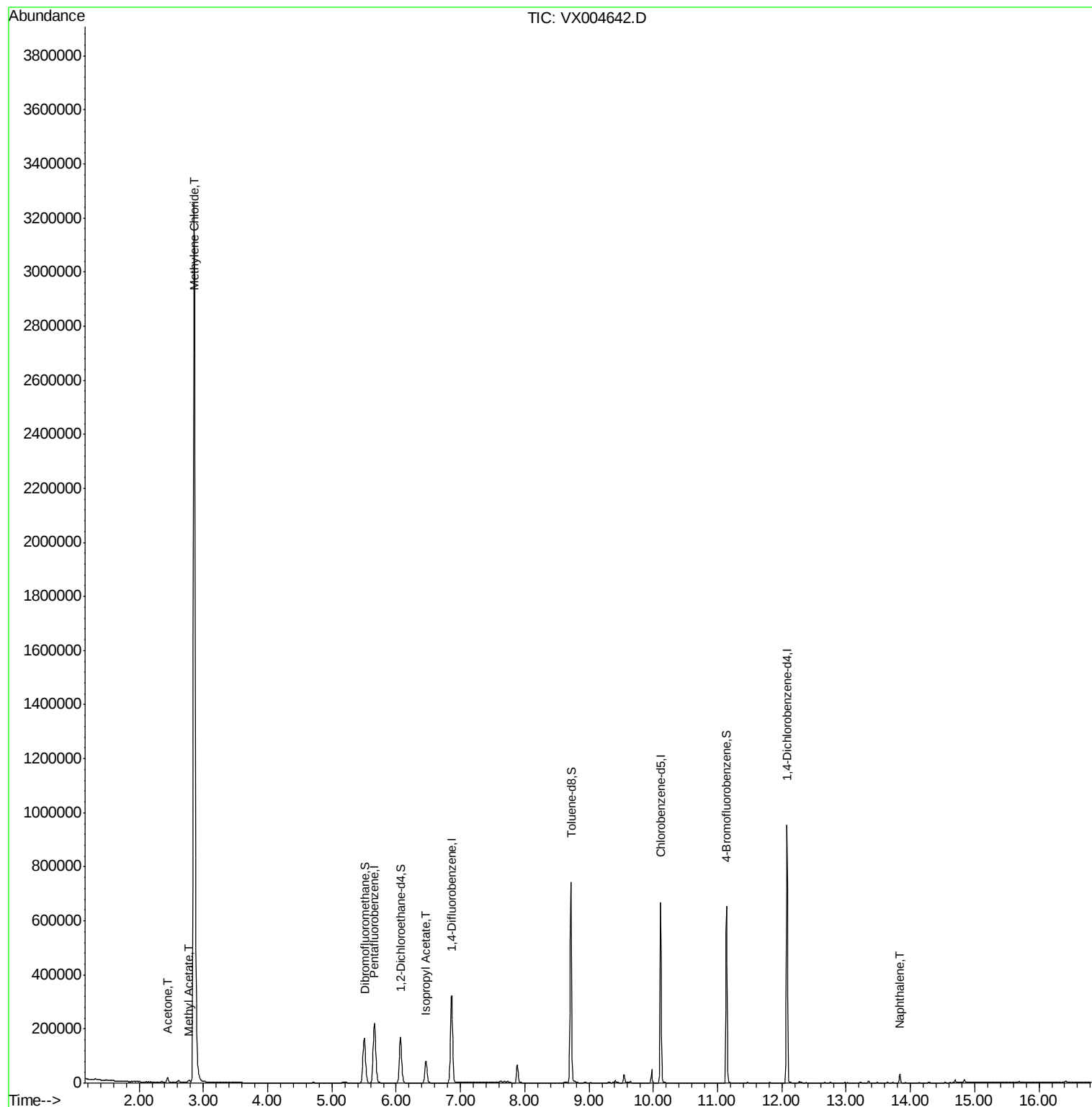
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	16972	11.58	ug/l	95
18) Methyl Acetate	2.78	43	7992	1.94	ug/l	99
20) Methylene Chloride	2.85	84	1583874	526.64	ug/l	94
43) Isopropyl Acetate	6.46	43	106324	17.45	ug/l	97
95) Naphthalene	13.83	128	22068	1.58	ug/l	98

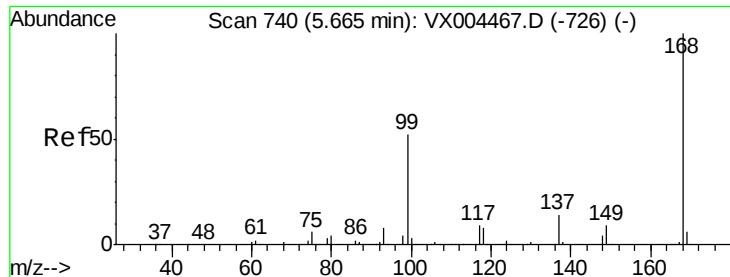
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004642.D

Acq: 18 Sep 2018 01:45

Instrument :

MSVOA_X

ClientSampleId :

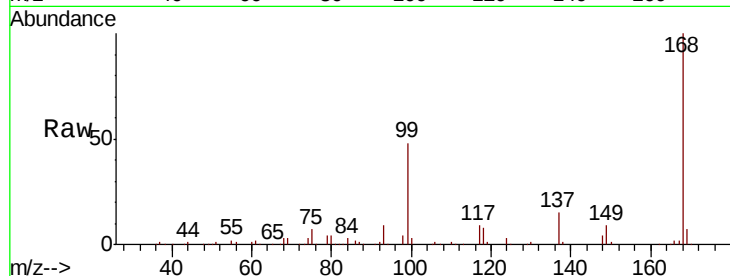
PHASE-1

Tot Ion:168 Resp: 232962

Ion Ratio Lower Upper

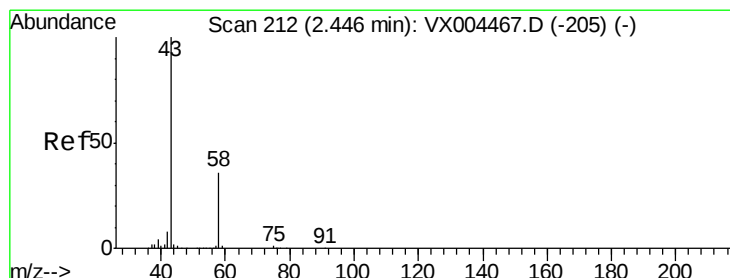
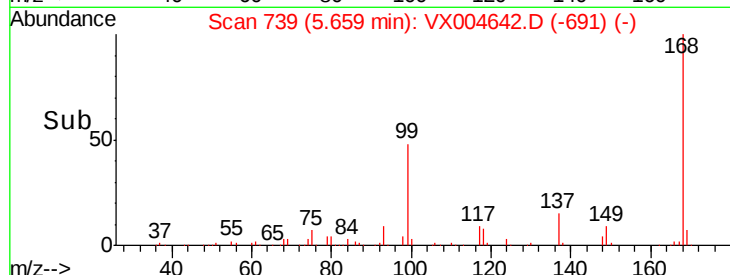
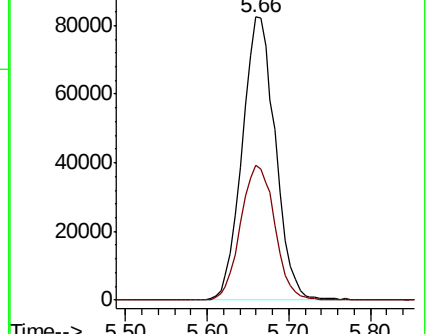
168 100

99 47.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 11.58 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004642.D

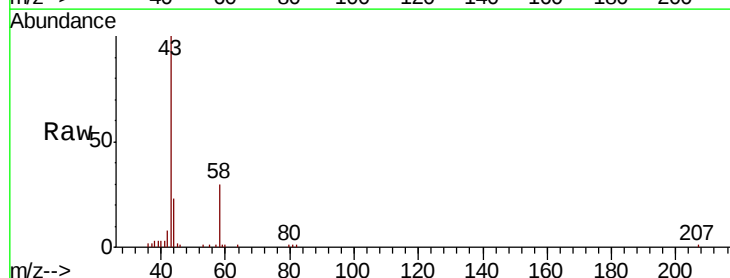
Acq: 18 Sep 2018 01:45

Tgt Ion: 43 Resp: 16972

Ion Ratio Lower Upper

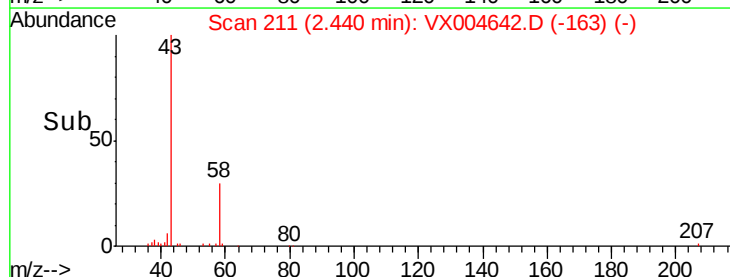
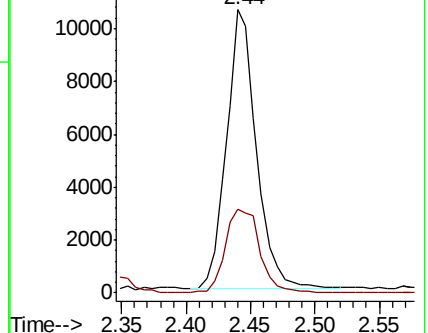
43 100

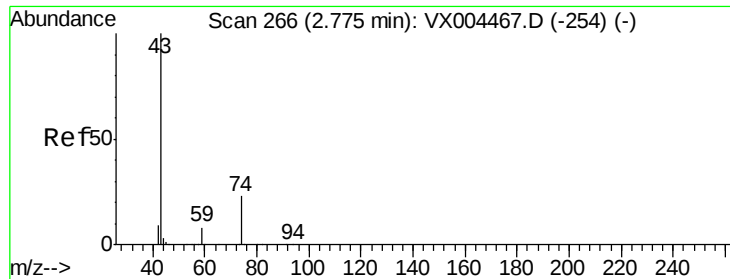
58 30.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

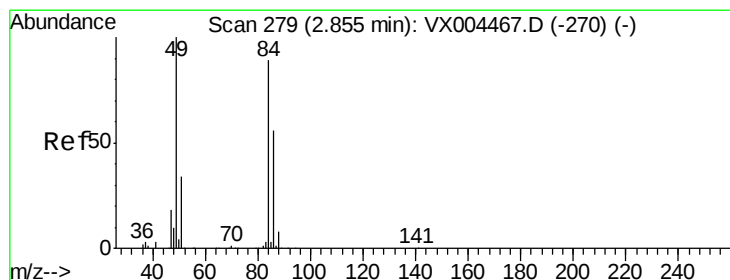
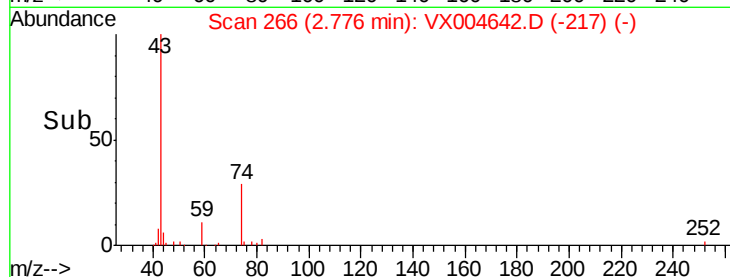
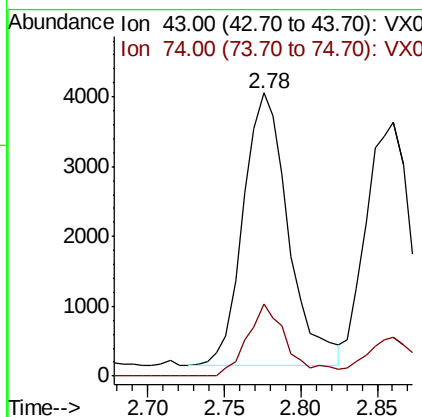
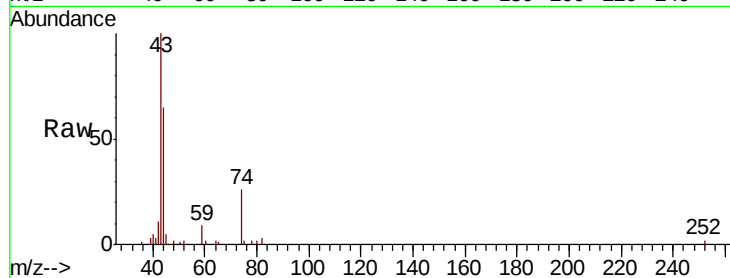




#18
Methvl Acetate
Concen: 1.94 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004642.D
Acq: 18 Sep 2018 01:45

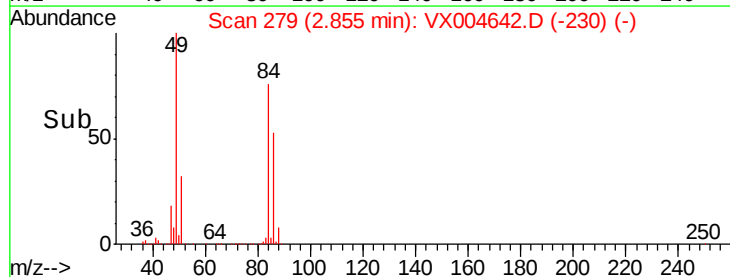
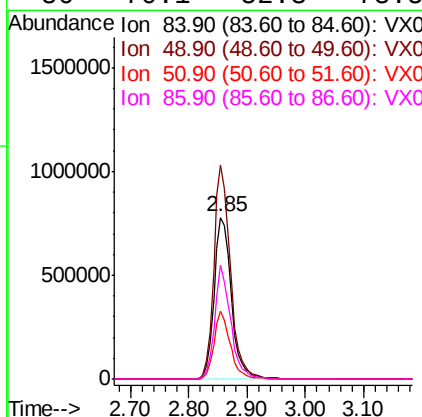
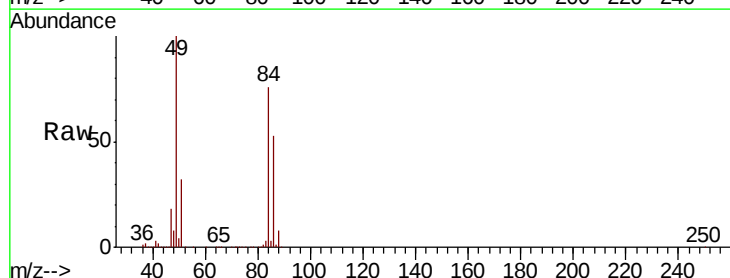
Instrument :
MSVOA_X
ClientSampleId :
PHASE-1

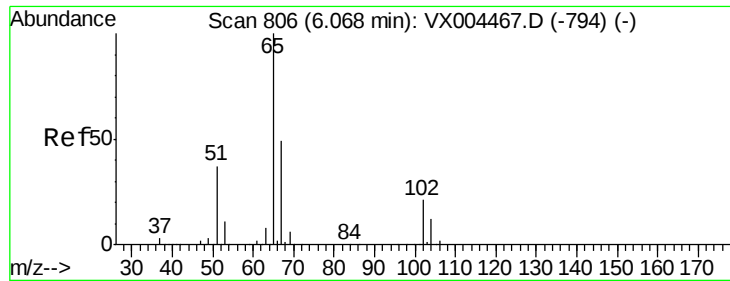
Tot Ion: 43 Resp: 7992
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2



#20
Methylene Chloride
Concen: 526.64 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004642.D
Acq: 18 Sep 2018 01:45

Tgt Ion: 84 Resp: 1583874
Ion Ratio Lower Upper
84 100
49 132.1 101.2 151.8
51 41.8 29.5 44.3
86 70.1 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 51.76 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004642.D

Acq: 18 Sep 2018 01:45

Instrument :

MSVOA_X

ClientSampleId :

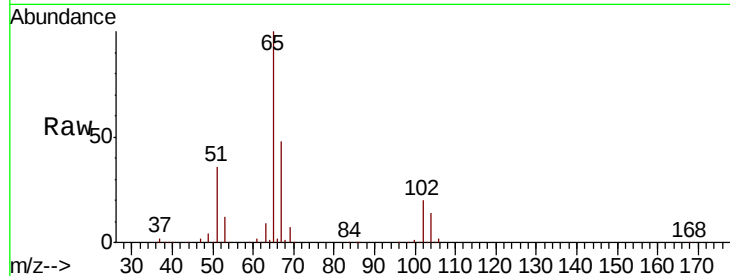
PHASE-1

Tot Ion: 65 Resp: 155484

Ion Ratio Lower Upper

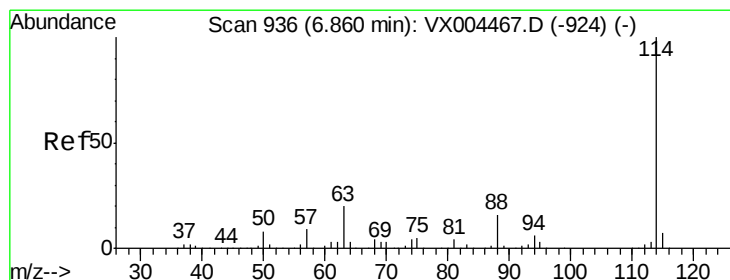
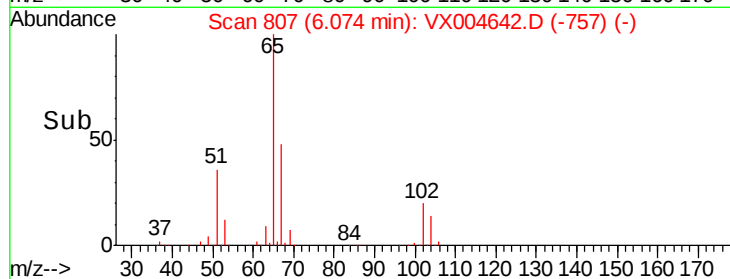
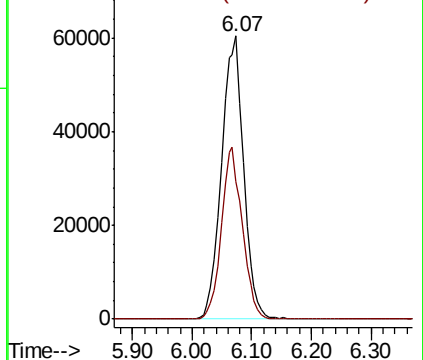
65 100

67 57.4 0.0 106.8



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# 937

Delta R.T. 0.01 min

Lab File: VX004642.D

Acq: 18 Sep 2018 01:45

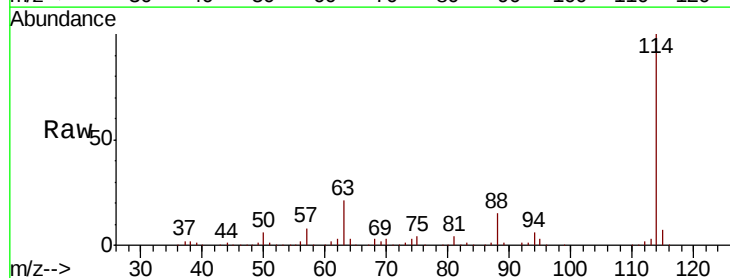
Tgt Ion: 114 Resp: 332276

Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.0

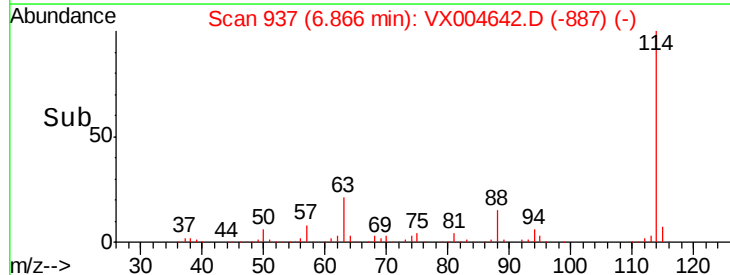
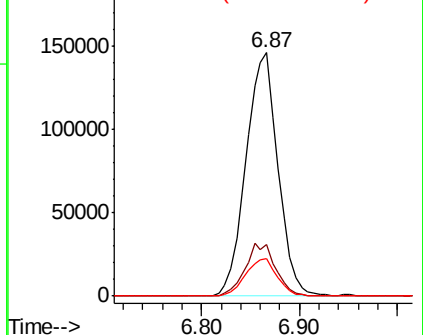
88 15.3 0.0 30.4

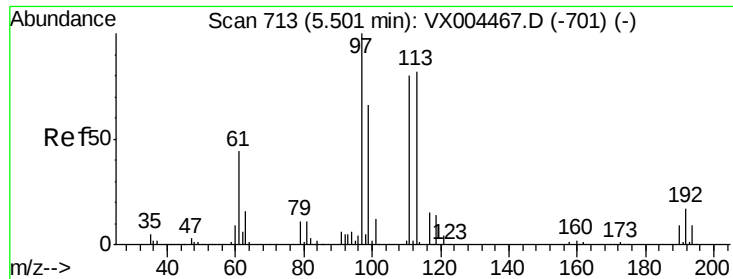


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

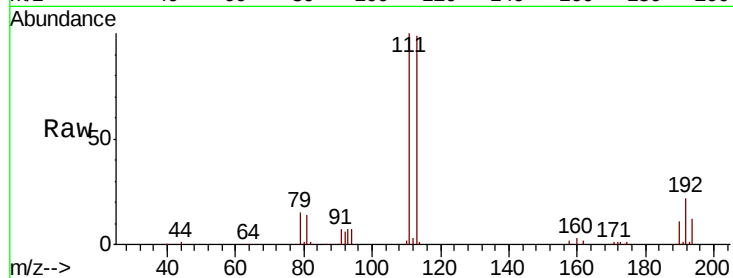




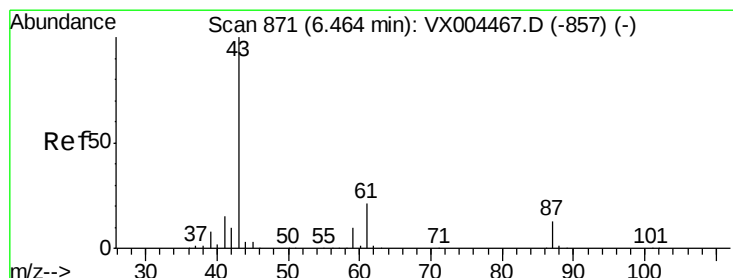
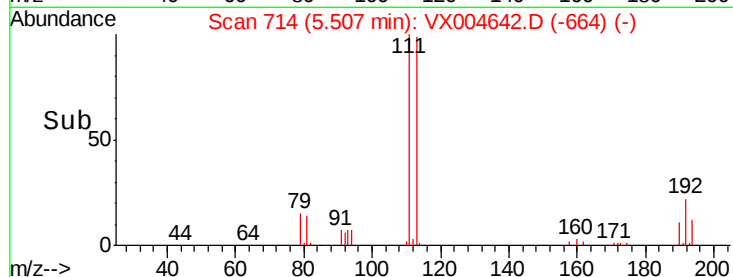
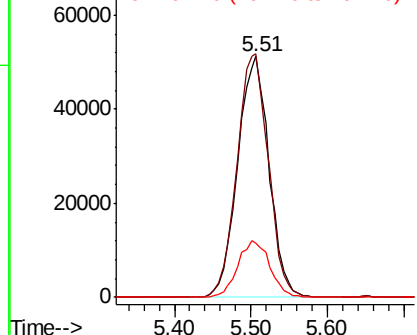
#35
 Dibromofluoromethane
 Concen: 48.01 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004642.D
 Acq: 18 Sep 2018 01:45

Instrument :
 MSVOA_X
 ClientSampleId :
 PHASE-1

Tot Ion:113 Resp: 145976
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.4 123.6
 192 24.0 19.4 29.2

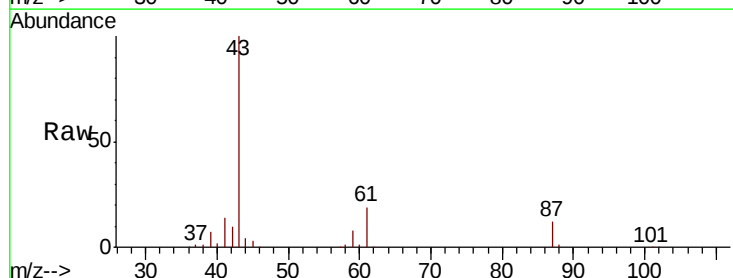


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

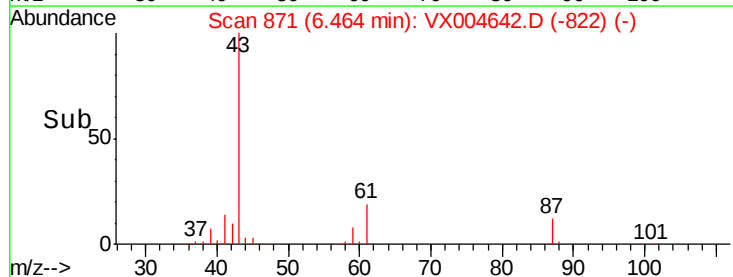
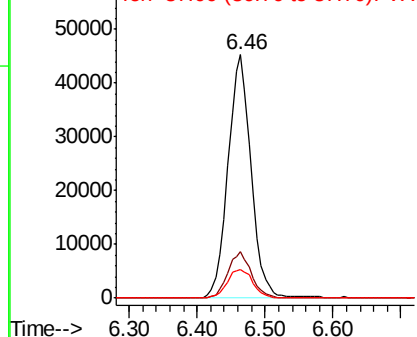


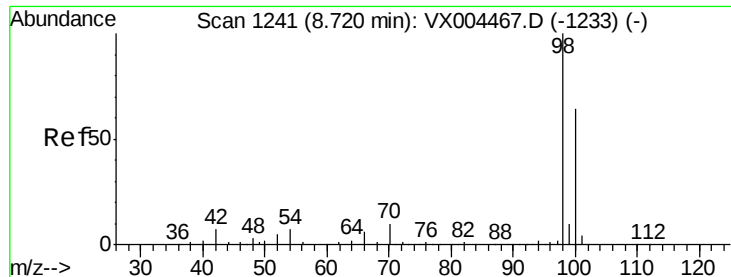
#43
 Isopropyl Acetate
 Concen: 17.45 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004642.D
 Acq: 18 Sep 2018 01:45

Tgt Ion: 43 Resp: 106324
 Ion Ratio Lower Upper
 43 100
 61 19.4 17.0 25.4
 87 13.1 11.4 17.2



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: 46.12 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004642.D

Acq: 18 Sep 2018 01:45

Instrument :

MSVOA_X

ClientSampleId :

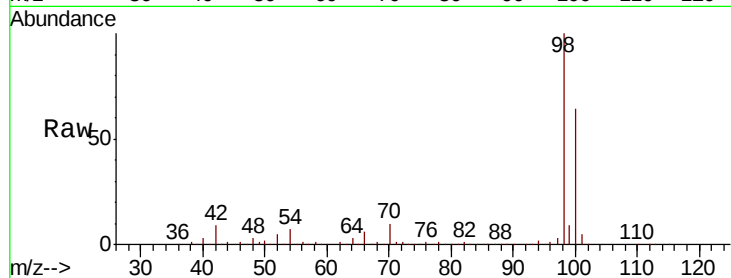
PHASE-1

Tot Ion: 98 Resp: 470241

Ion Ratio Lower Upper

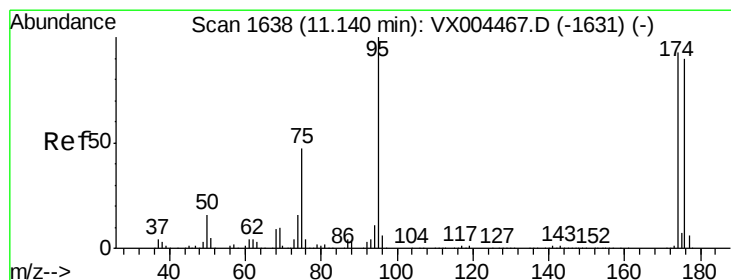
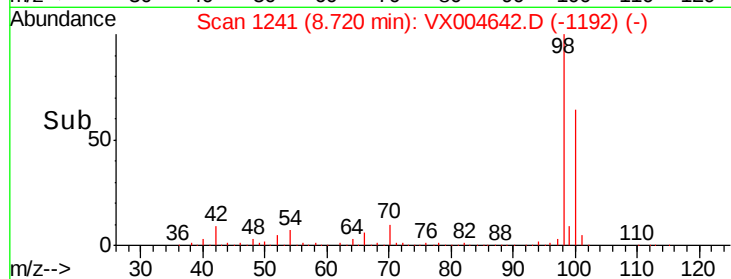
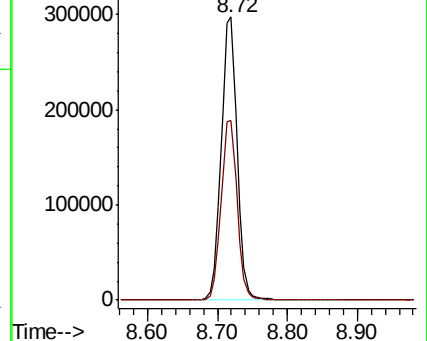
98 100

100 64.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.16 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004642.D

Acq: 18 Sep 2018 01:45

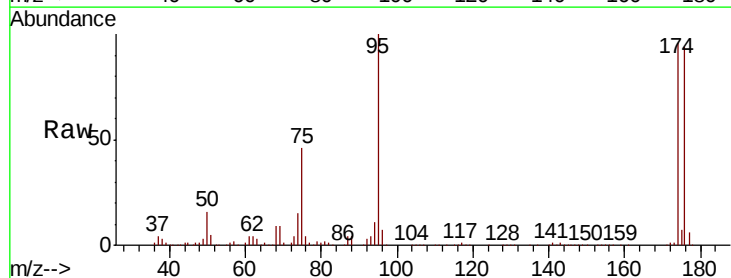
Tgt Ion: 95 Resp: 164371

Ion Ratio Lower Upper

95 100

174 95.2 0.0 185.2

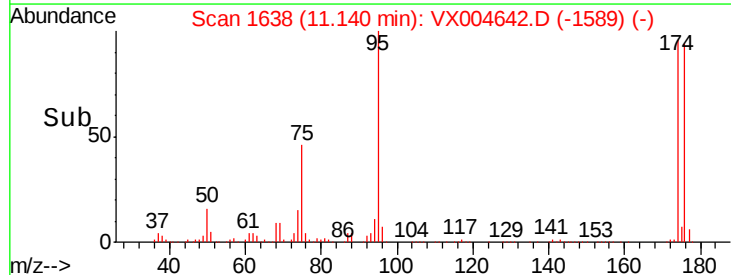
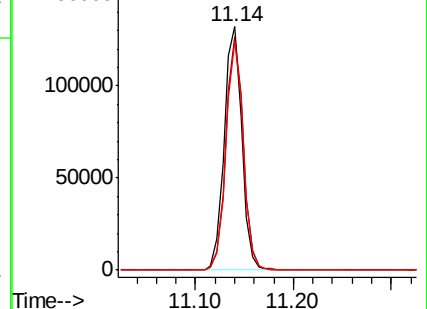
176 92.2 0.0 178.6

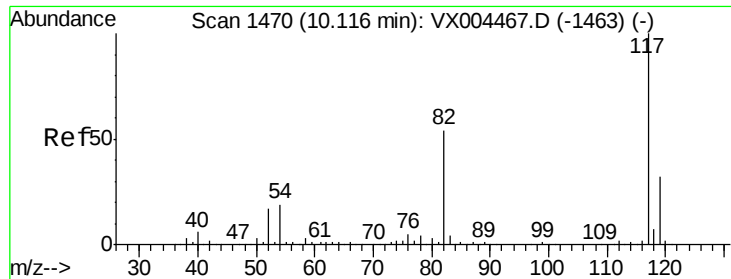


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

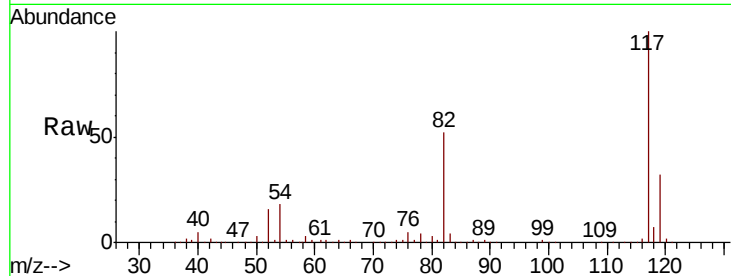




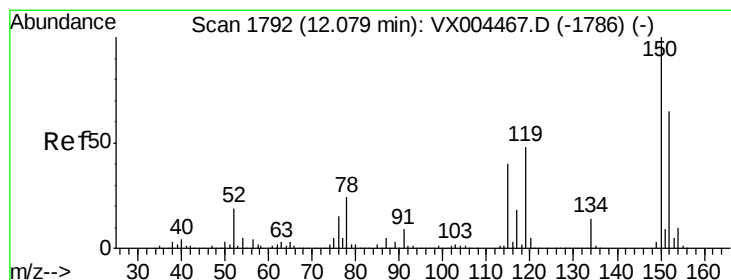
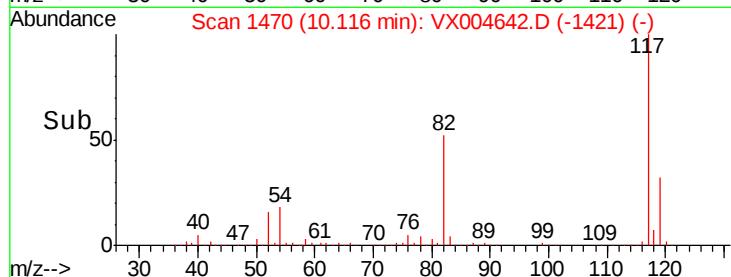
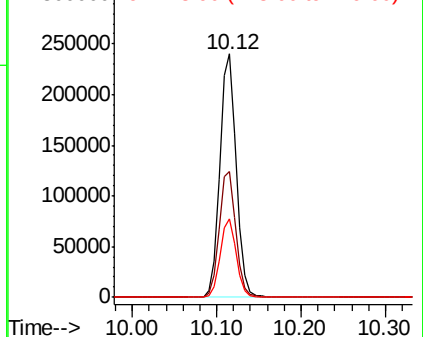
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004642.D
Acq: 18 Sep 2018 01:45

Instrument :
MSVOA_X
ClientSampleId :
PHASE-1

Tot Ion:117 Resp: 324244
Ion Ratio Lower Upper
117 100
82 51.8 47.8 71.6
119 32.5 29.3 43.9

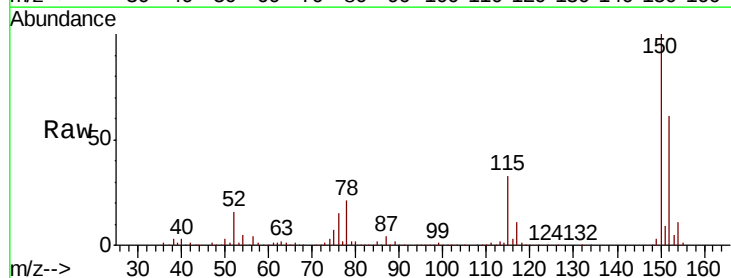


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

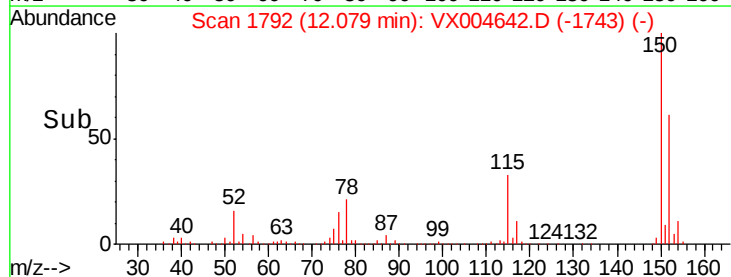
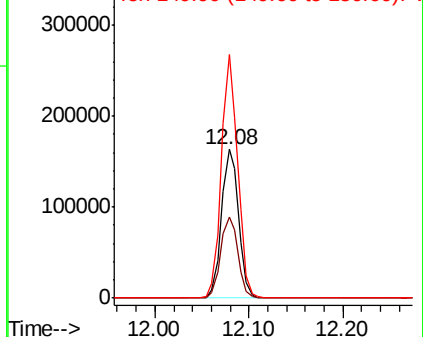


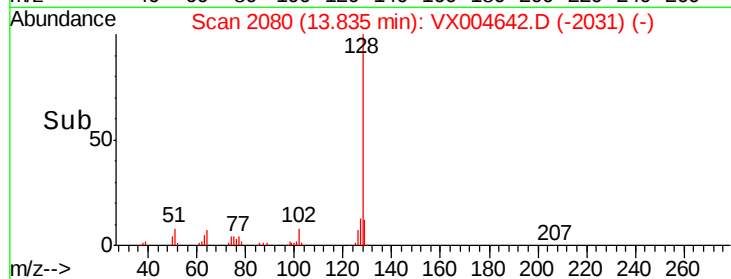
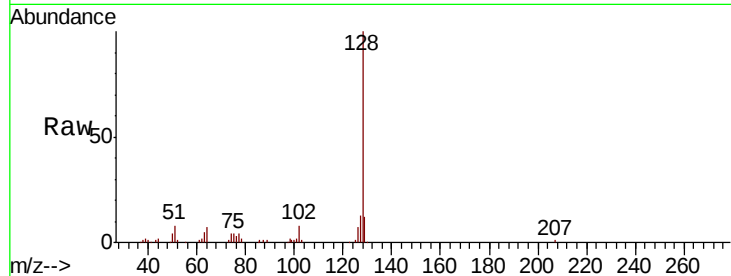
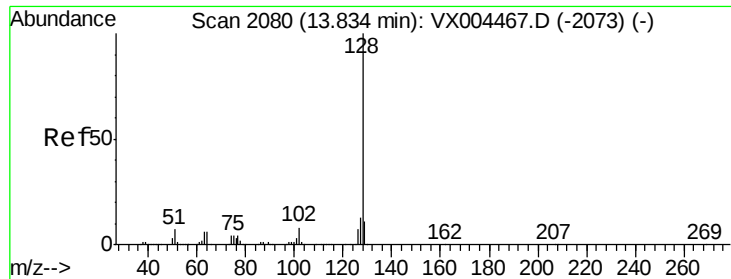
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004642.D
Acq: 18 Sep 2018 01:45

Tgt Ion:152 Resp: 204274
Ion Ratio Lower Upper
152 100
115 55.3 39.0 117.0
150 157.0 0.0 351.0



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





#95

Naphthalene

Concen: 1.58 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004642.D

Acq: 18 Sep 2018 01:45

Instrument :

MSVOA_X

ClientSampleId :

PHASE-1

Tot Ion:128 Resp: 22068

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.2

129 11.3 8.6 12.8

