

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004663.D
 Acq On : 18 Sep 2018 17:36
 Operator : JC/MD
 Sample : J4936-34
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PHASE-3

Quant Time: Sep 19 04:34:15 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	246174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192091	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	144097	45.40	ug/l	0.00
Spiked Amount			Recovery	=	90.80%	
35) Dibromofluoromethane	5.50	113	138740	43.27	ug/l	0.00
Spiked Amount			Recovery	=	86.54%	
50) Toluene-d8	8.71	98	491651	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	
62) 4-Bromofluorobenzene	11.14	95	181722	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	

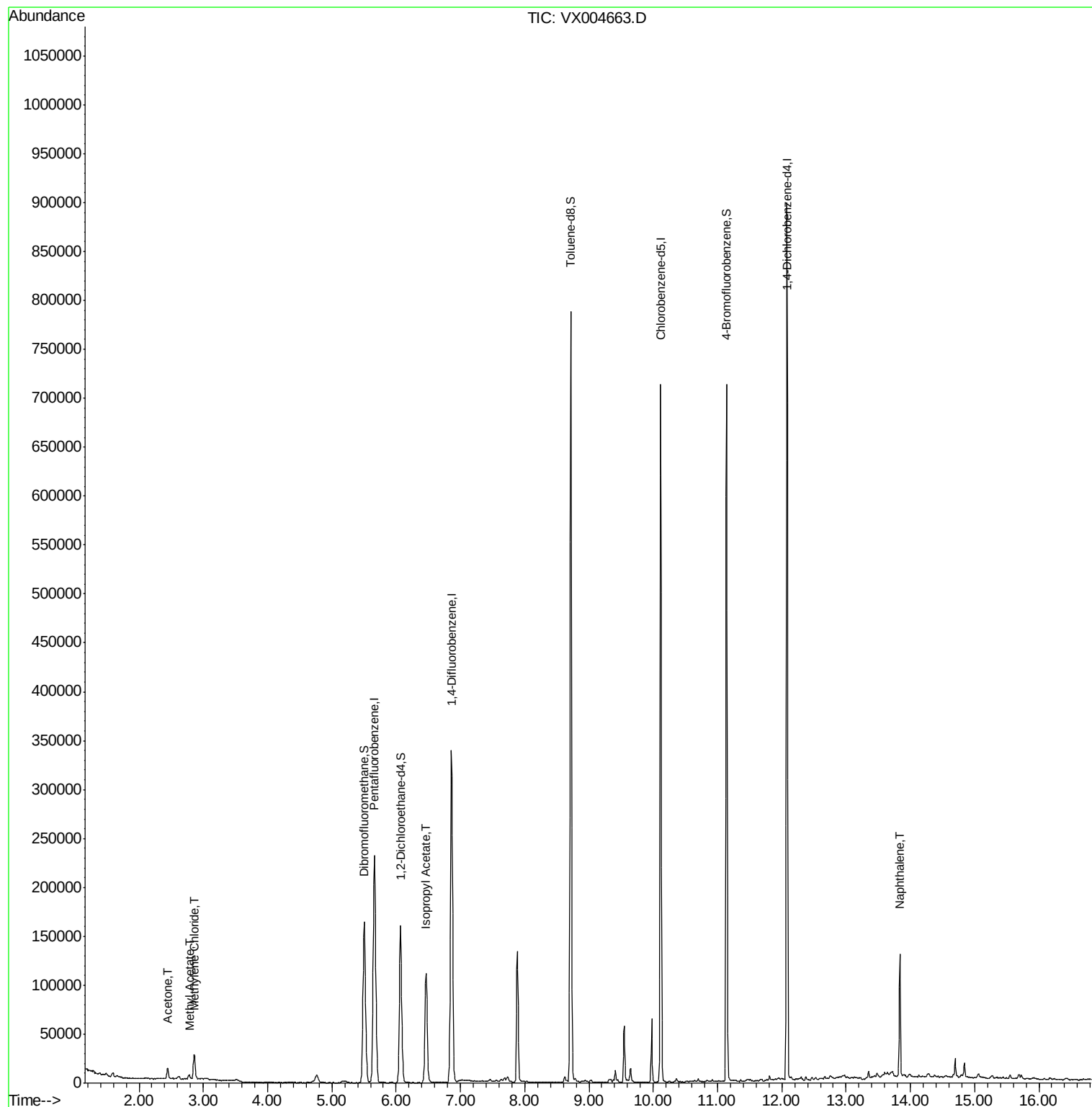
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	11995	7.74	ug/l	90
18) Methyl Acetate	2.78	43	5261	1.21	ug/l	96
20) Methylene Chloride	2.85	84	12854	4.04	ug/l	94
43) Isopropyl Acetate	6.47	43	151132	23.52	ug/l	99
95) Naphthalene	13.83	128	79983	6.10	ug/l	100

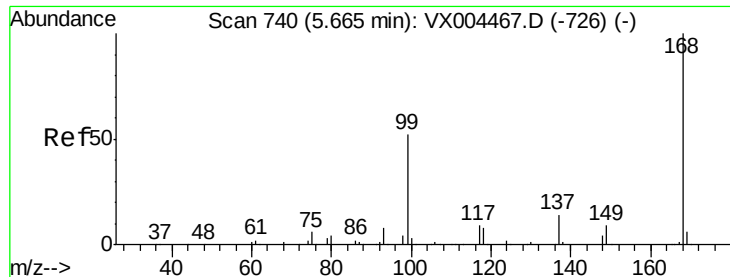
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
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: VX004663.D

Acq: 18 Sep 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

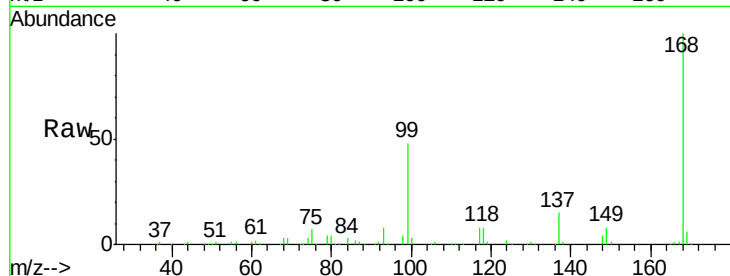
PHASE-3

Tot Ion:168 Resp: 246174

Ion Ratio Lower Upper

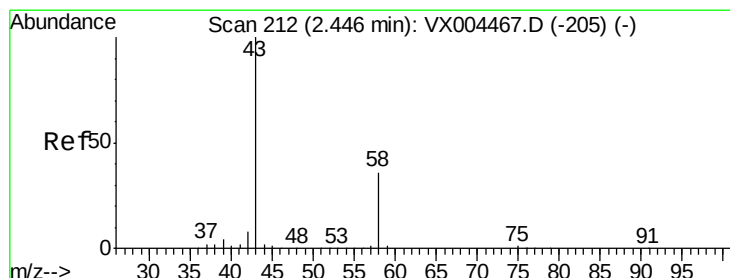
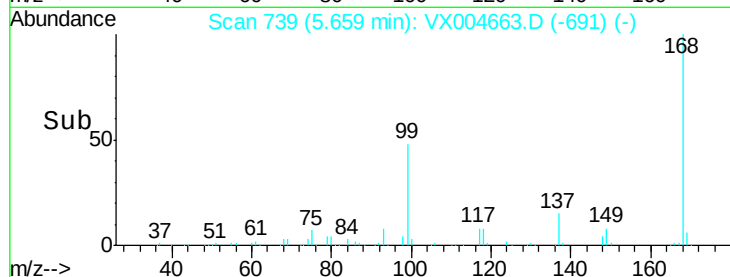
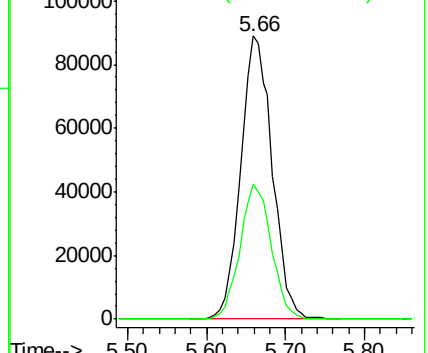
168 100

99 47.7 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: 7.74 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004663.D

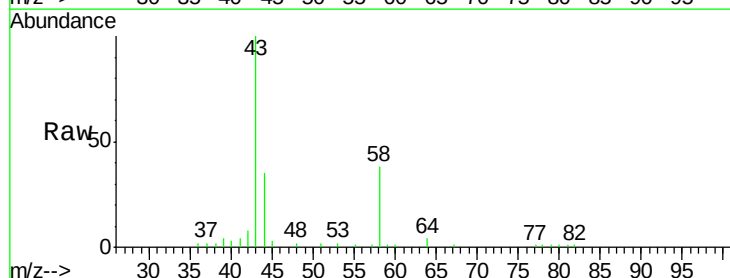
Acq: 18 Sep 2018 17:36

Tgt Ion: 43 Resp: 11995

Ion Ratio Lower Upper

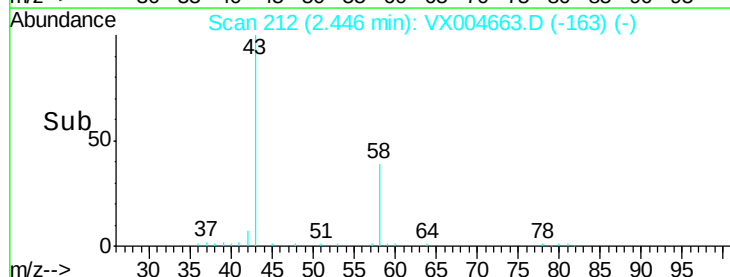
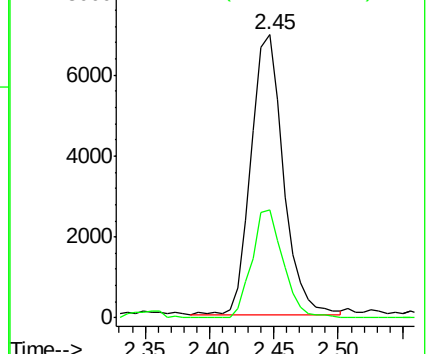
43 100

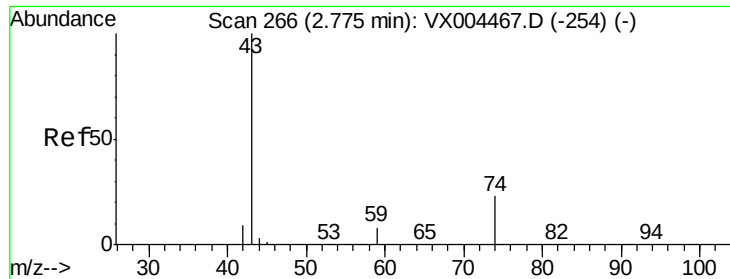
58 38.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

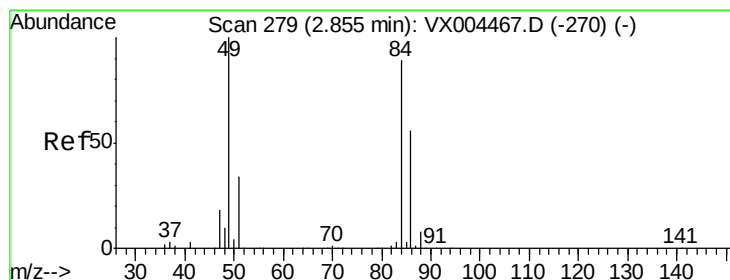
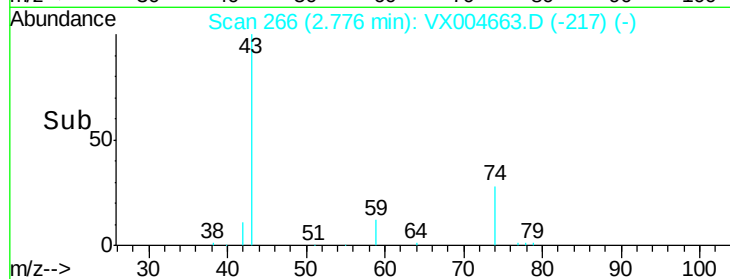
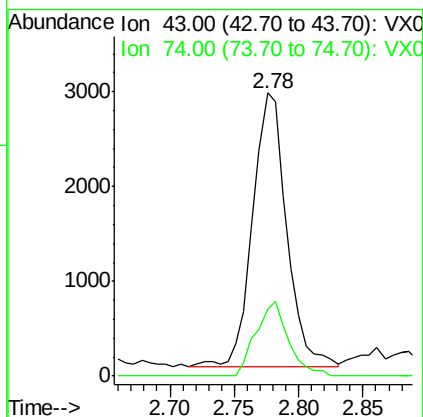
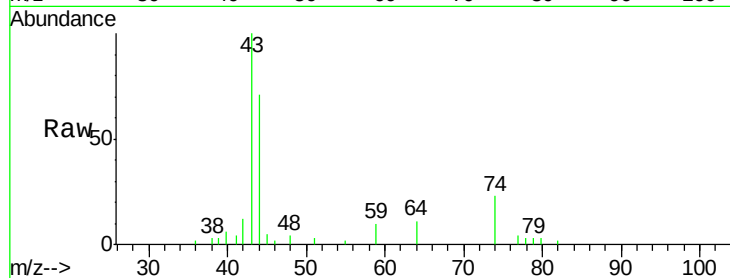




#18
Methyl Acetate
Concen: 1.21 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004663.D
Acq: 18 Sep 2018 17:36

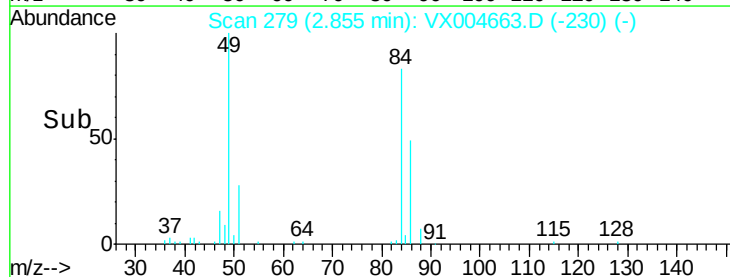
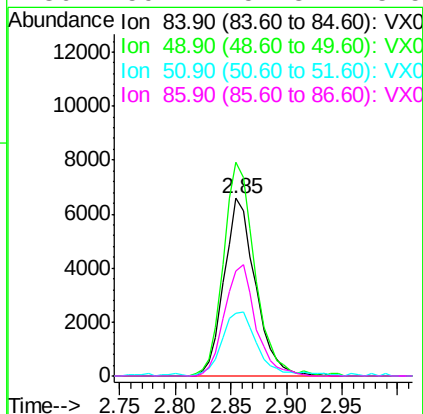
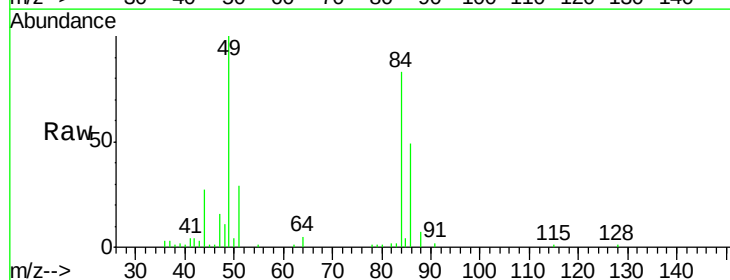
Instrument :
MSVOA_X
ClientSampleId :
PHASE-3

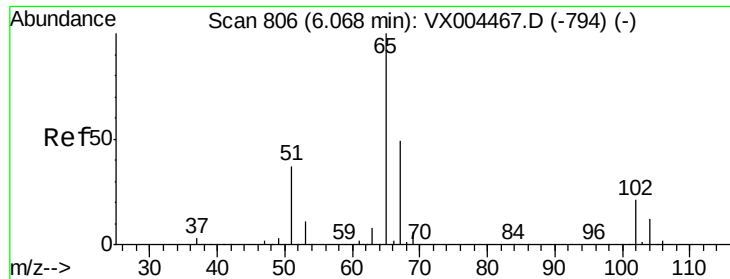
Tot Ion: 43 Resp: 5261
Ion Ratio Lower Upper
43 100
74 26.2 19.4 29.2



#20
Methylene Chloride
Concen: 4.04 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004663.D
Acq: 18 Sep 2018 17:36

Tgt Ion: 84 Resp: 12854
Ion Ratio Lower Upper
84 100
49 120.3 101.2 151.8
51 35.2 29.5 44.3
86 59.4 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 45.40 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004663.D

Acq: 18 Sep 2018 17:36

Instrument :

MSVOA_X

ClientSampled :

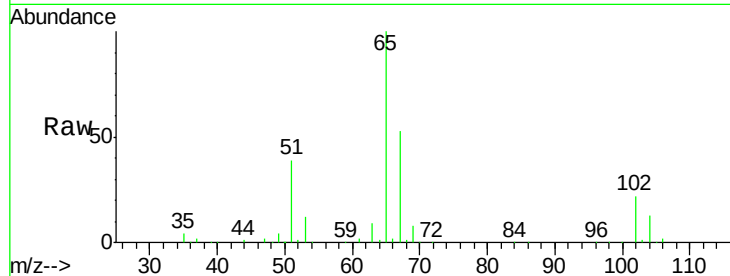
PHASE-3

Tot Ion: 65 Resp: 144097

Ion Ratio Lower Upper

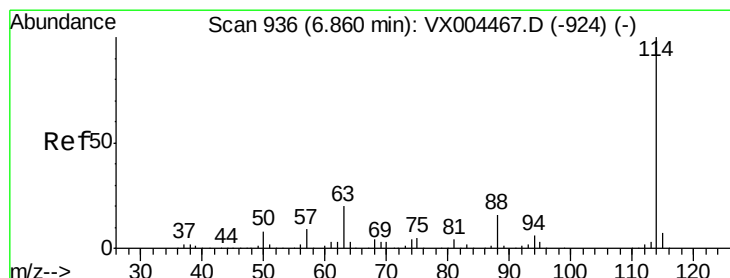
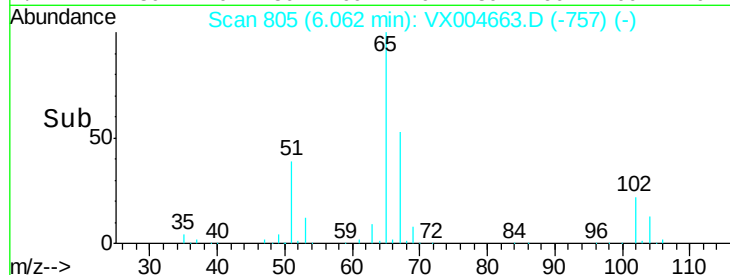
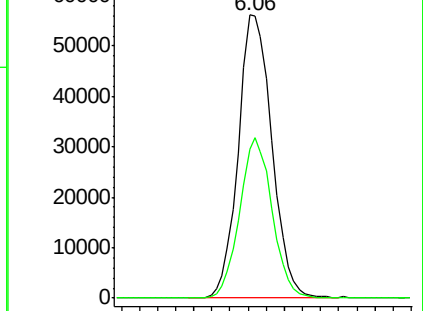
65 100

67 54.9 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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004663.D

Acq: 18 Sep 2018 17:36

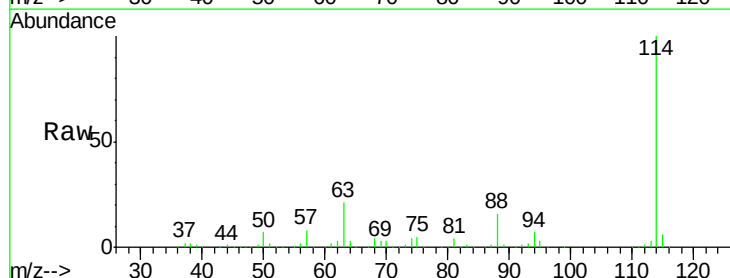
Tgt Ion: 114 Resp: 350412

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.0

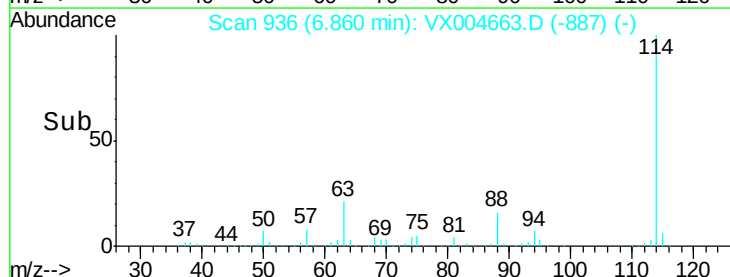
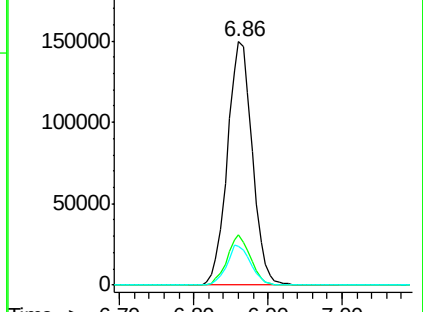
88 16.1 0.0 30.4

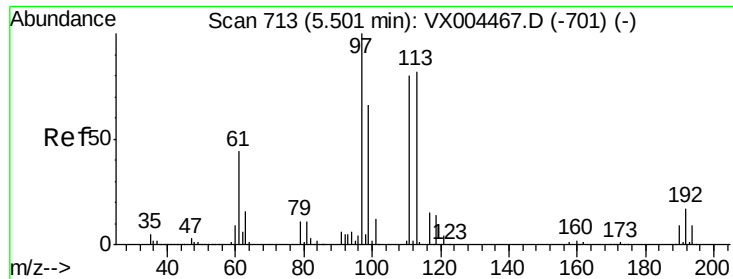


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

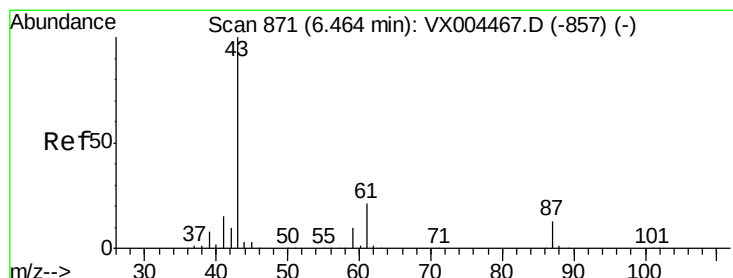
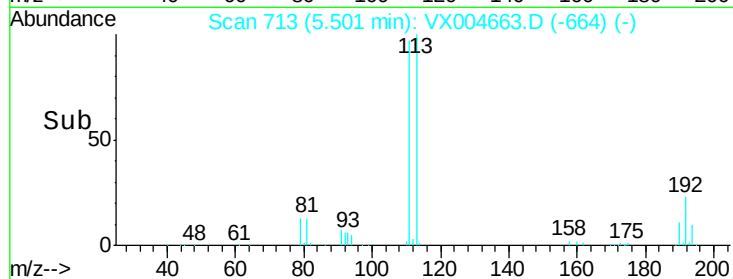
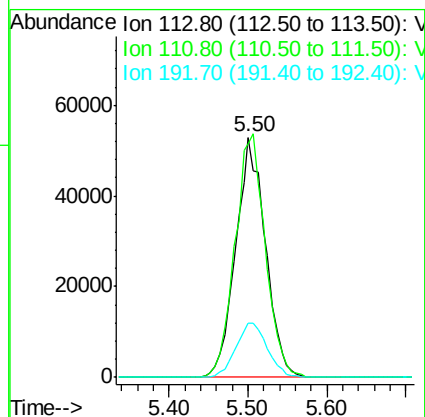
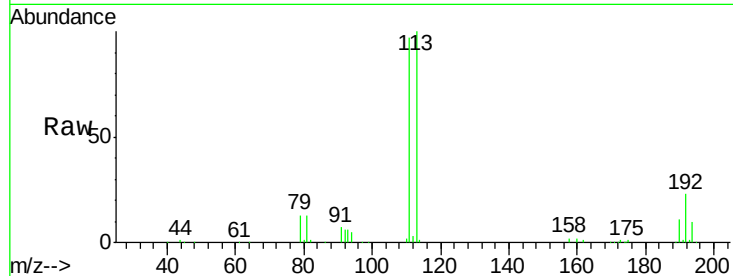




#35
 Dibromofluoromethane
 Concen: 43.27 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004663.D
 Acq: 18 Sep 2018 17:36

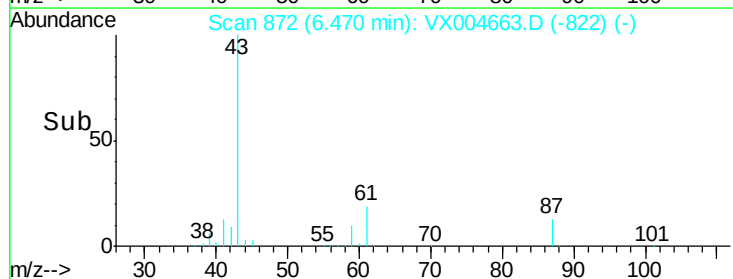
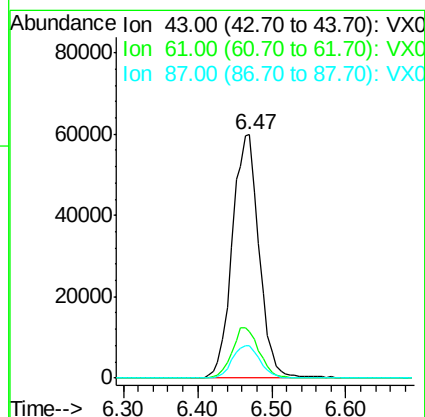
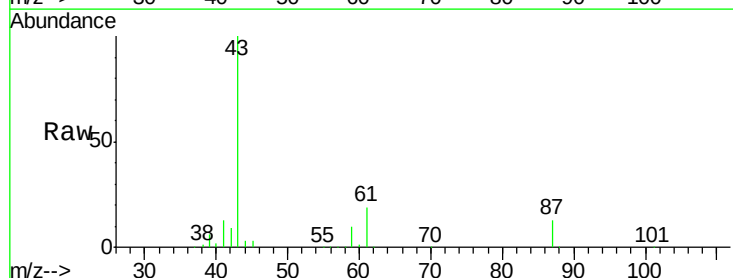
Instrument :
 MSVOA_X
 ClientSampleId :
 PHASE-3

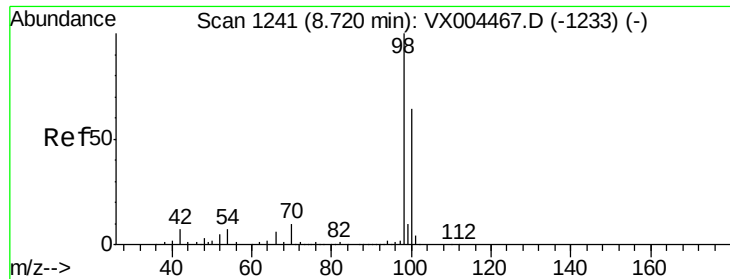
Tot Ion:113 Resp: 138740
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 23.9 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 23.52 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: VX004663.D
 Acq: 18 Sep 2018 17:36

Tgt Ion: 43 Resp: 151132
 Ion Ratio Lower Upper
 43 100
 61 20.9 17.0 25.4
 87 13.9 11.4 17.2

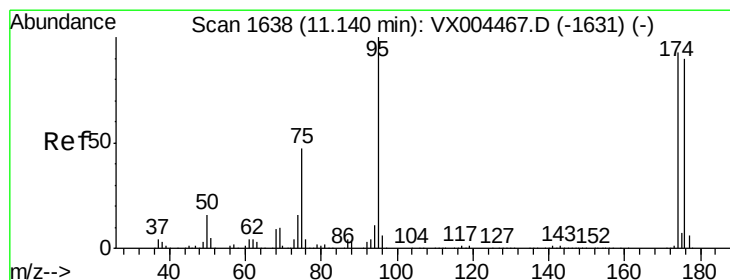
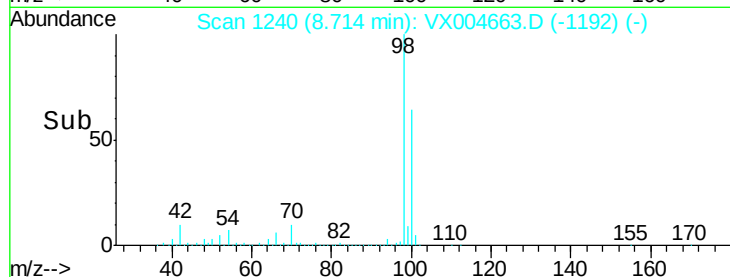
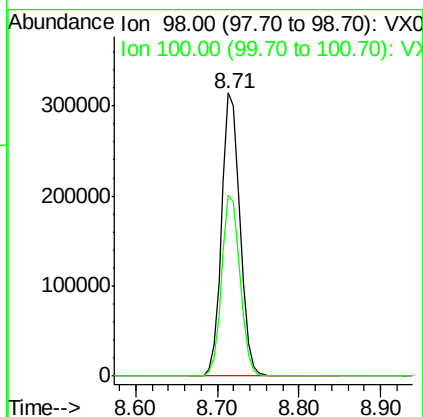
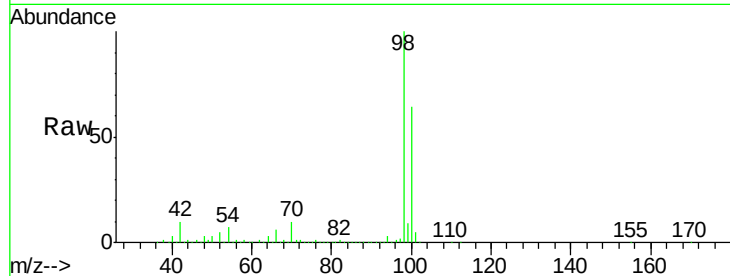




#50
Toluene-d8
Concen: 45.72 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004663.D
Acq: 18 Sep 2018 17:36

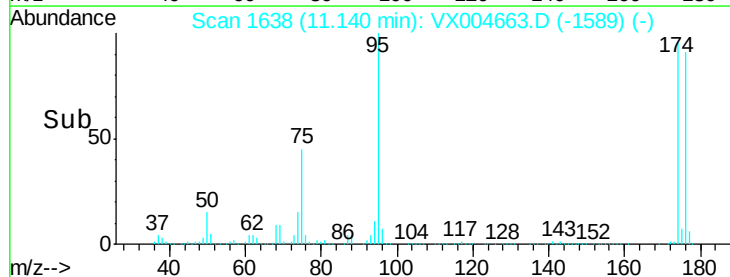
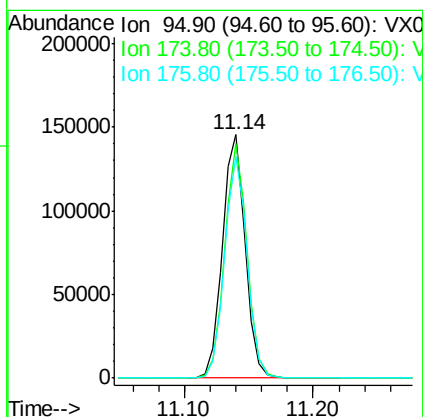
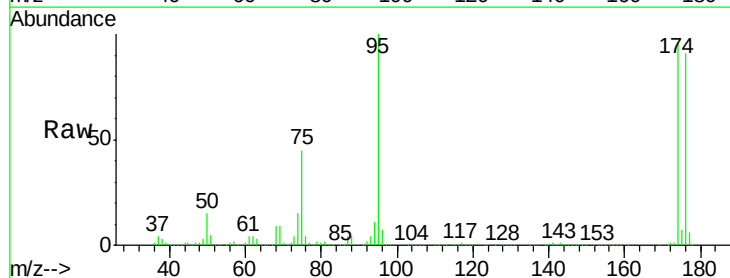
Instrument :
MSVOA_X
ClientSampleId :
PHASE-3

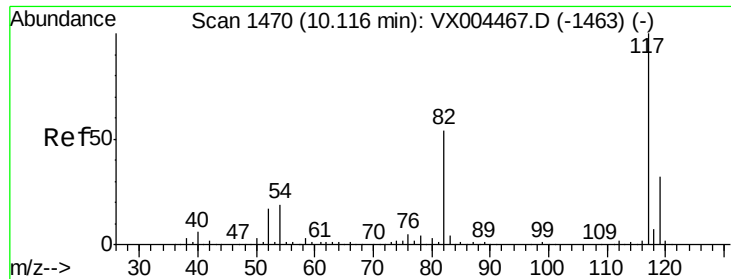
Tot Ion: 98 Resp: 491651
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.34 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004663.D
Acq: 18 Sep 2018 17:36

Tgt Ion: 95 Resp: 181722
Ion Ratio Lower Upper
95 100
174 94.2 0.0 185.2
176 90.1 0.0 178.6

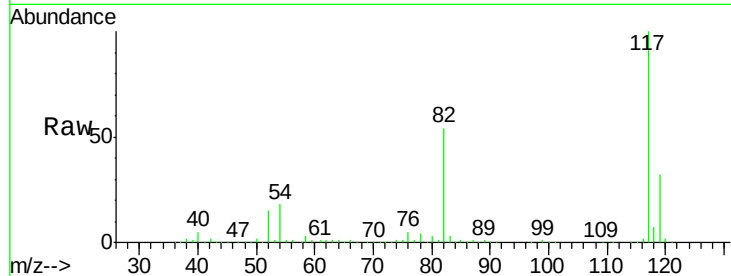




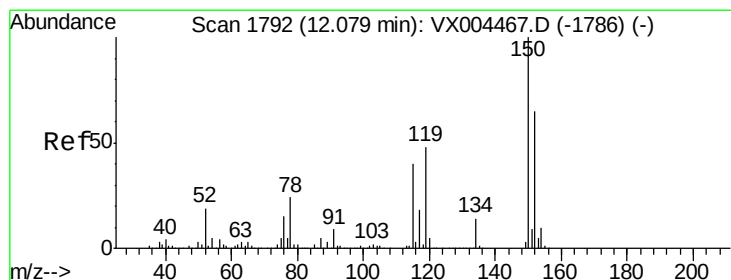
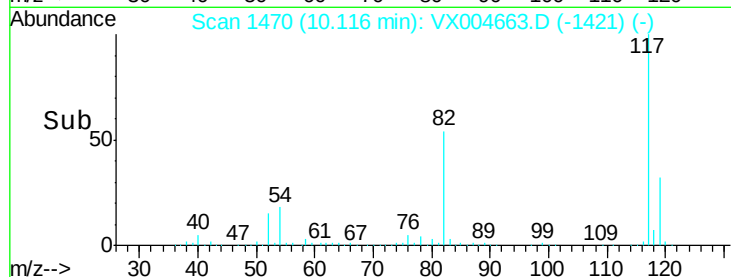
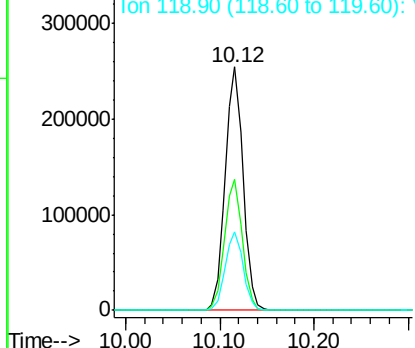
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004663.D
Acq: 18 Sep 2018 17:36

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:117 Resp: 335960
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 32.1 29.3 43.9

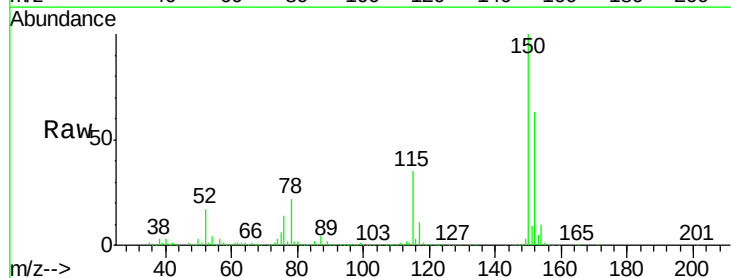


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

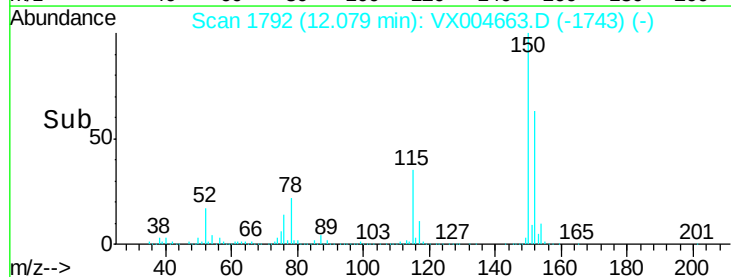
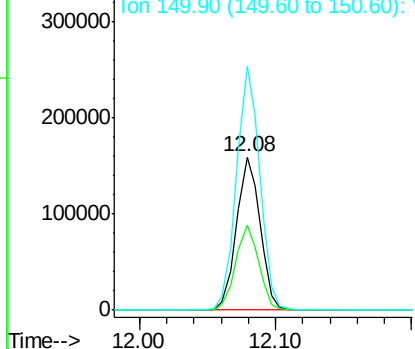


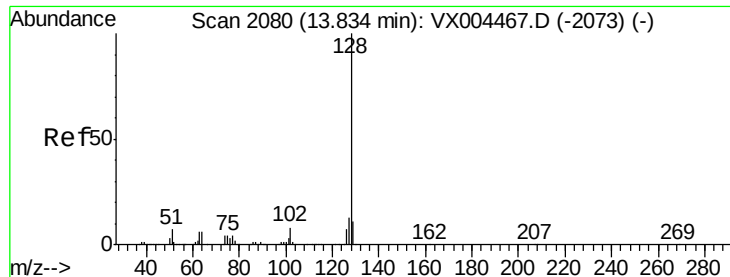
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004663.D
Acq: 18 Sep 2018 17:36

Tgt Ion:152 Resp: 192091
Ion Ratio Lower Upper
152 100
115 54.2 39.0 117.0
150 157.4 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: 6.10 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004663.D

Acq: 18 Sep 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

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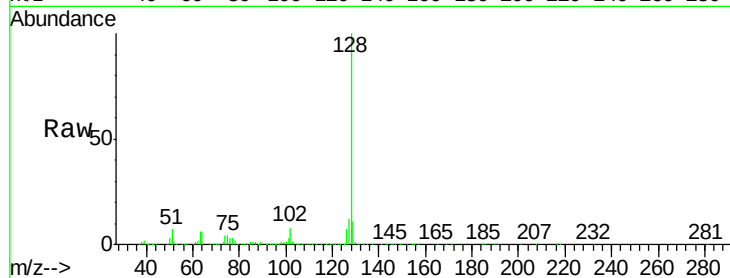
Tot Ion:128 Resp: 79983

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.6 12.8



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

