

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006901.D
 Acq On : 03 Jan 2019 18:05
 Operator : JC/MD
 Sample : K1019-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TEST-PIT-D-11-12-A

Quant Time: Jan 04 06:00:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	646047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	984135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	920790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	445646	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	336980	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
35) Dibromofluoromethane	5.50	113	300176	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
50) Toluene-d8	8.71	98	1184918	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	420440	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	

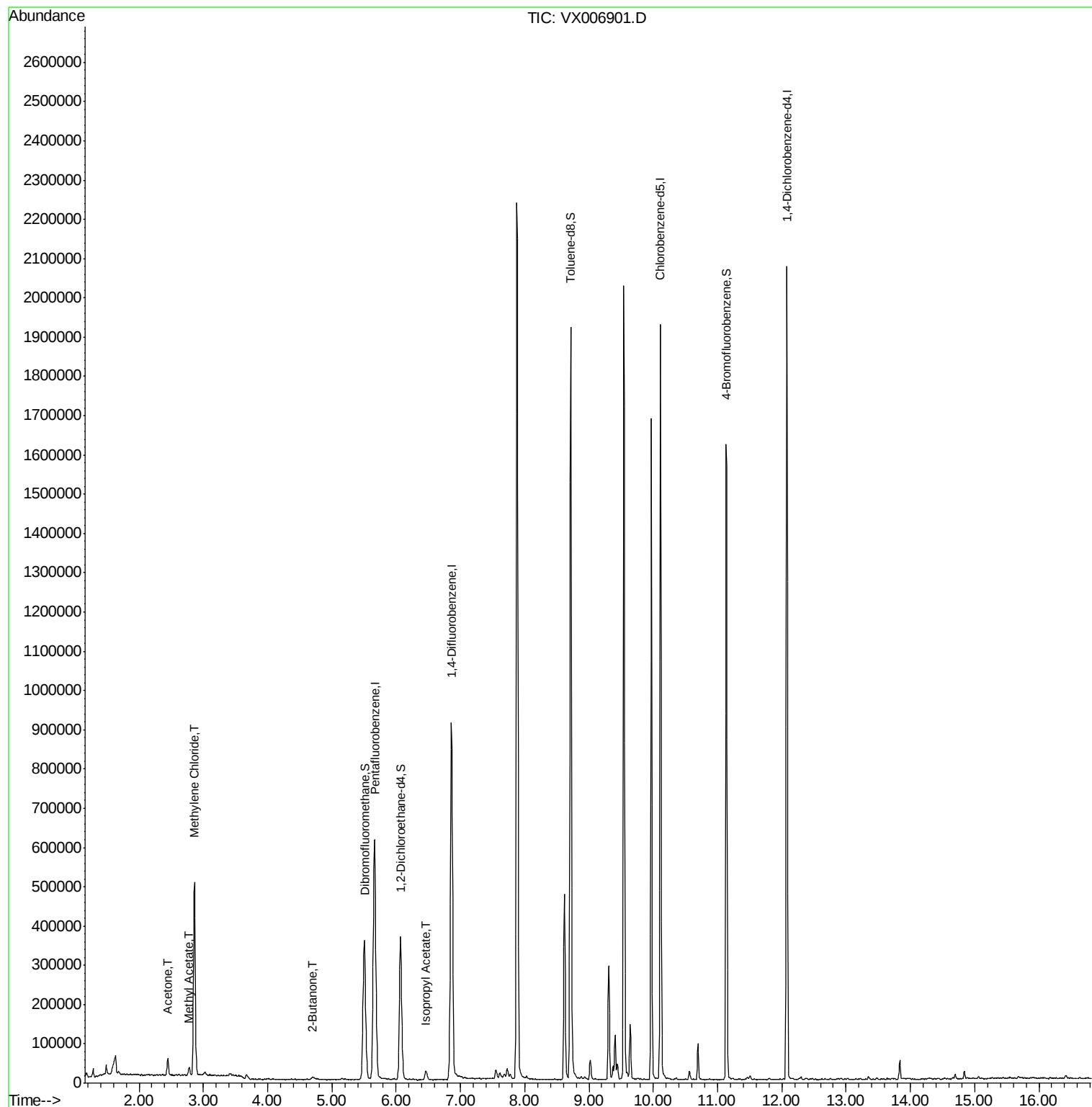
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	45548	14.238	ug/l	99
18) Methyl Acetate	2.78	43	26732	2.842	ug/l	98
20) Methylene Chloride	2.86	84	230261	34.810	ug/l	96
25) 2-Butanone	4.70	43	11245	2.499	ug/l	99
43) Isopropyl Acetate	6.46	43	29542	2.289	ug/l	99

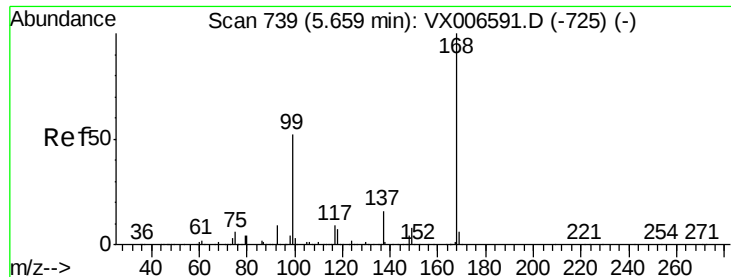
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006901.D

Acq: 03 Jan 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

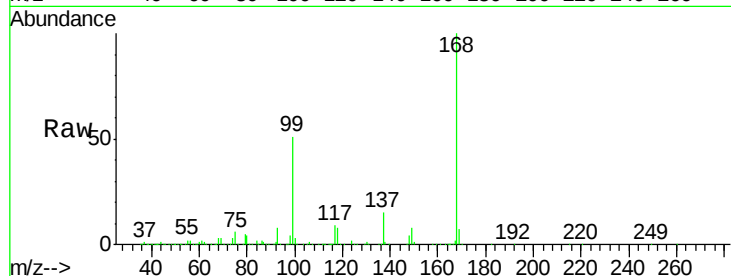
TEST-PIT-D-11-12-A

Tot Ion:168 Resp: 646047

Ion Ratio Lower Upper

168 100

99 50.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

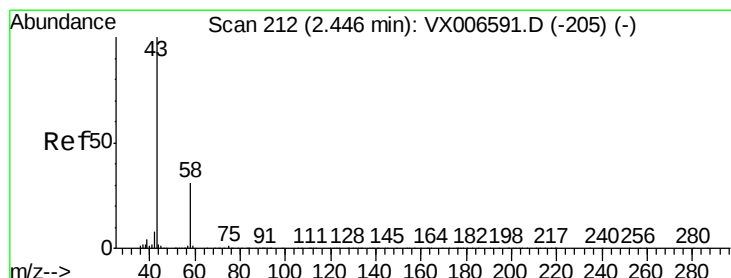
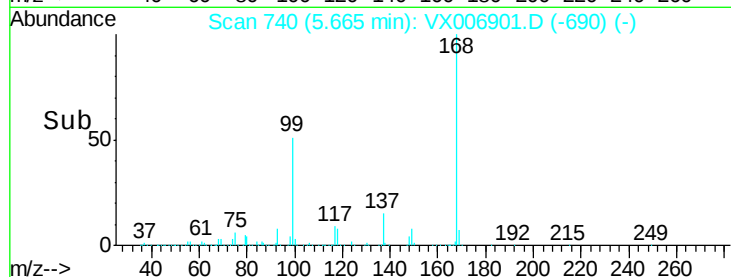
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.238 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006901.D

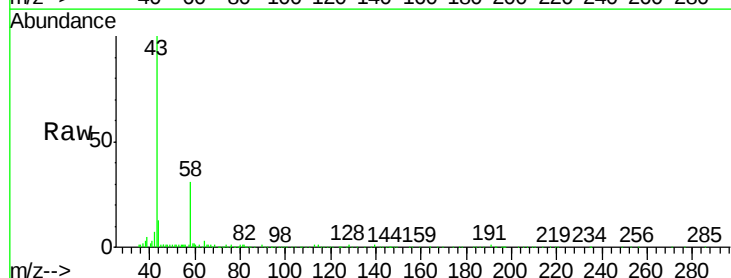
Acq: 03 Jan 2019 18:05

Tgt Ion: 43 Resp: 45548

Ion Ratio Lower Upper

43 100

58 30.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

30000

25000

20000

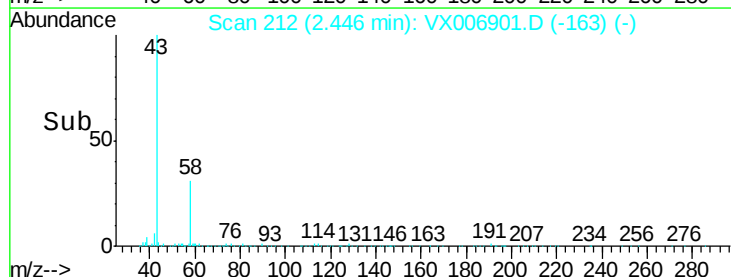
15000

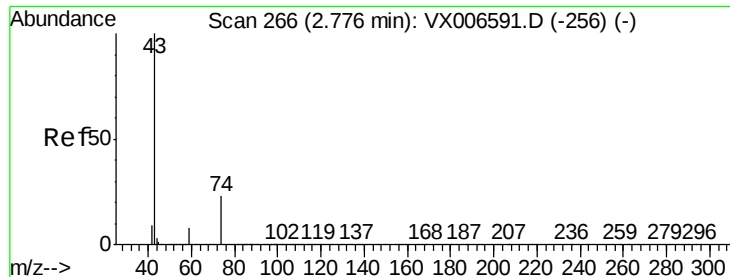
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

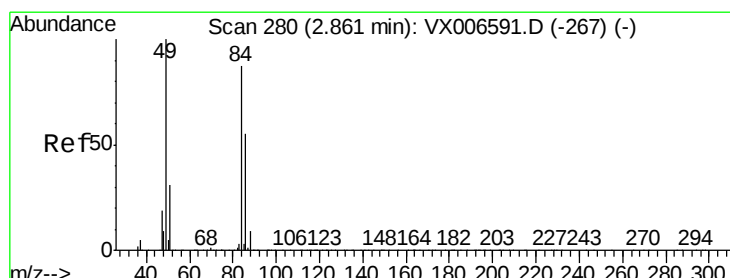
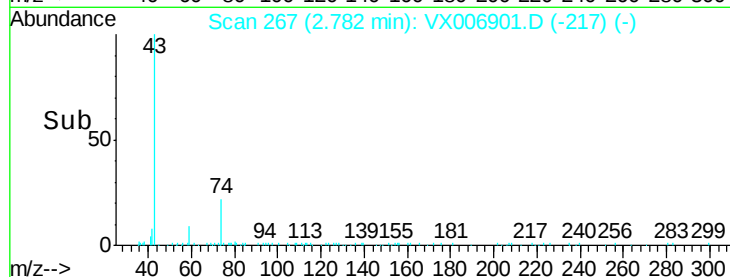
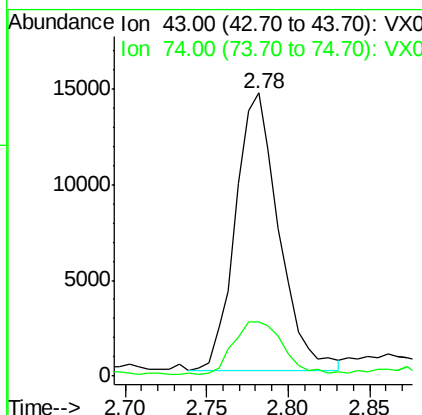
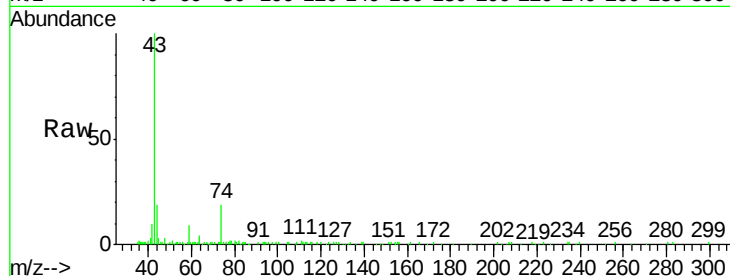




#18
Methyl Acetate
Concen: 2.842 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006901.D
Acq: 03 Jan 2019 18:05

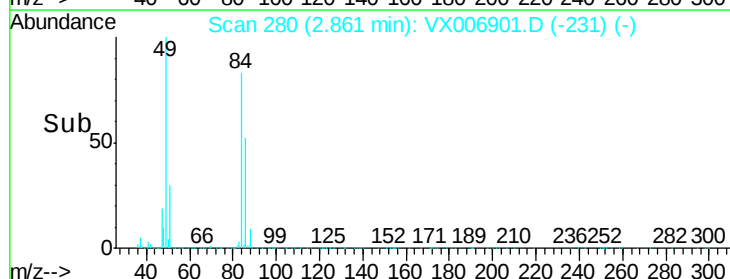
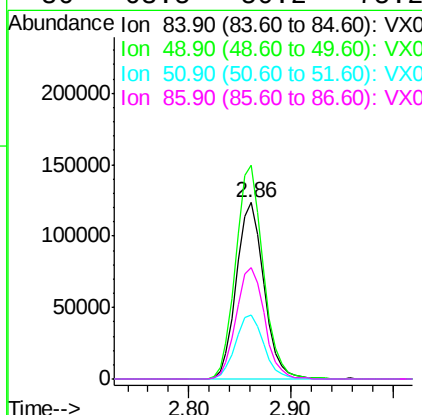
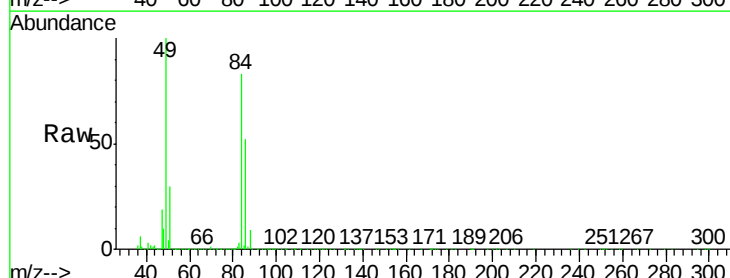
Instrument :
MSVOA_X
ClientSampleId :
TEST-PIT-D-11-12-A

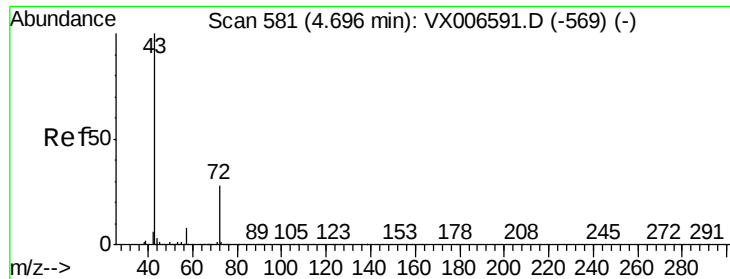
Tot Ion: 43 Resp: 26732
Ion Ratio Lower Upper
43 100
74 22.3 18.6 28.0



#20
Methylene Chloride
Concen: 34.810 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006901.D
Acq: 03 Jan 2019 18:05

Tgt Ion: 84 Resp: 230261
Ion Ratio Lower Upper
84 100
49 121.0 91.8 137.6
51 36.2 28.5 42.7
86 63.5 50.2 75.2





#25

2-Butanone

Concen: 2.499 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006901.D

Acq: 03 Jan 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

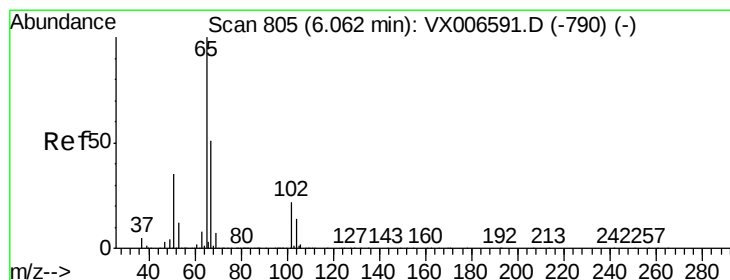
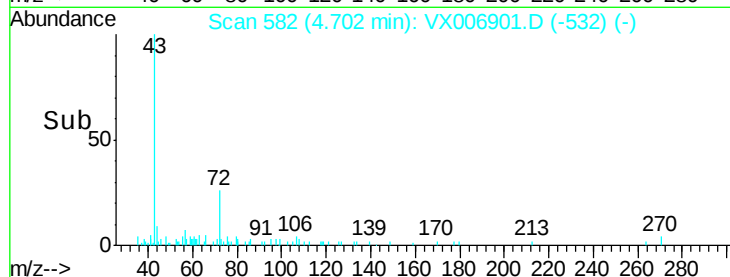
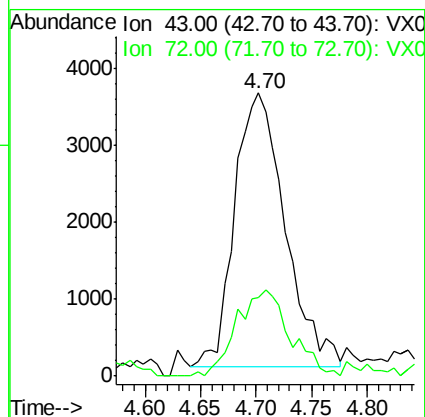
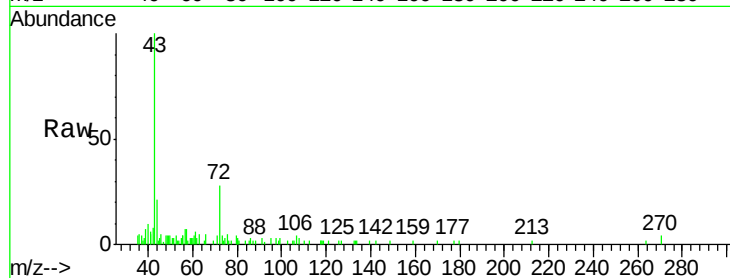
TEST-PIT-D-11-12-A

Tot Ion: 43 Resp: 11245

Ion Ratio Lower Upper

43 100

72 28.5 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 48.397 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006901.D

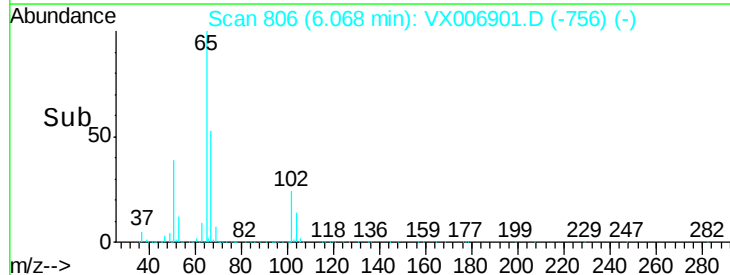
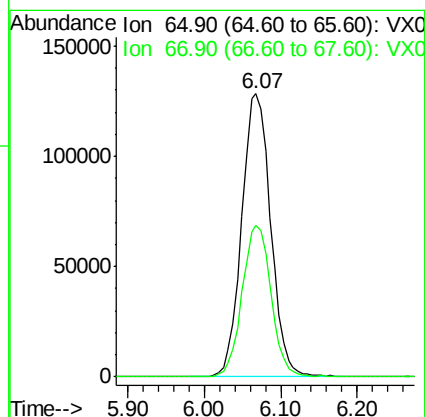
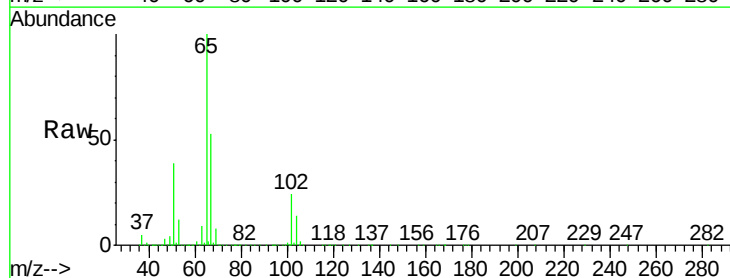
Acq: 03 Jan 2019 18:05

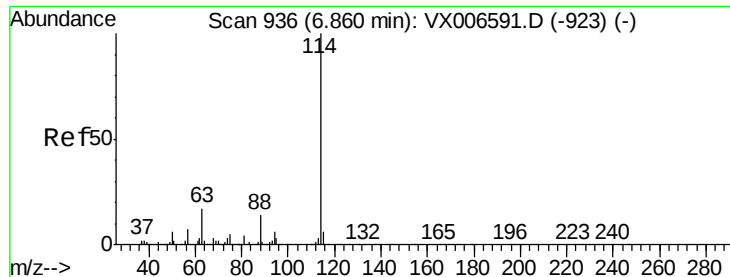
Tgt Ion: 65 Resp: 336980

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006901.D

Acq: 03 Jan 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-D-11-12-A

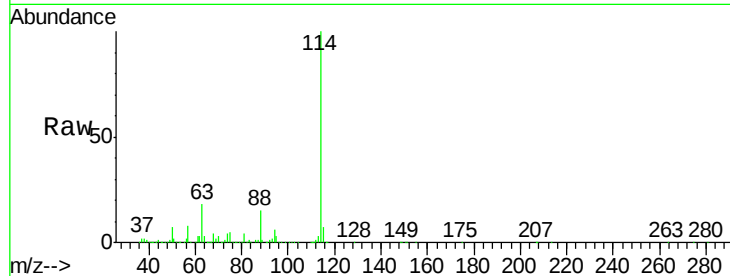
Tot Ion:114 Resp: 984135

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

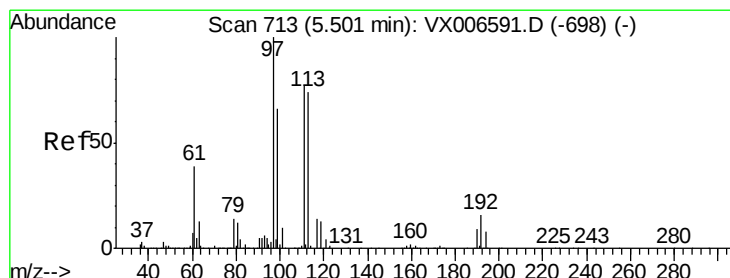
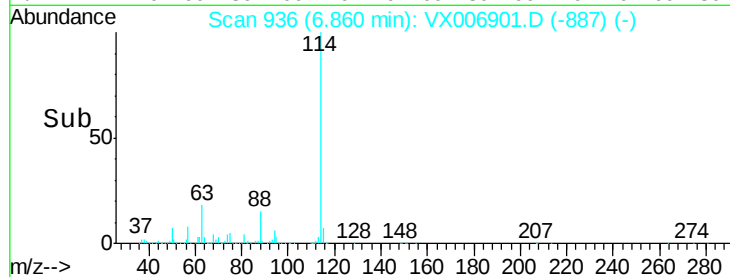
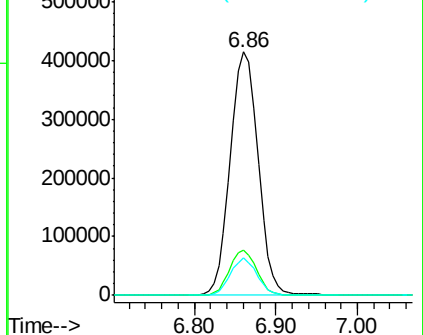
88 15.4 0.0 28.8



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: 48.233 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006901.D

Acq: 03 Jan 2019 18:05

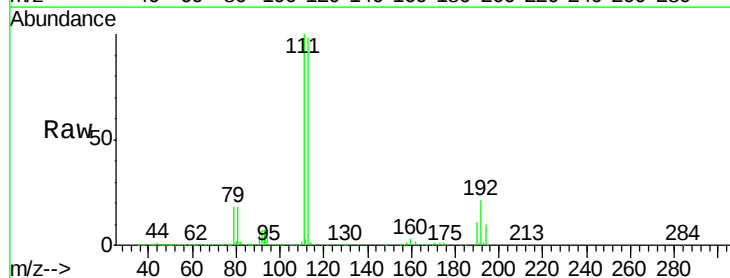
Tgt Ion:113 Resp: 300176

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

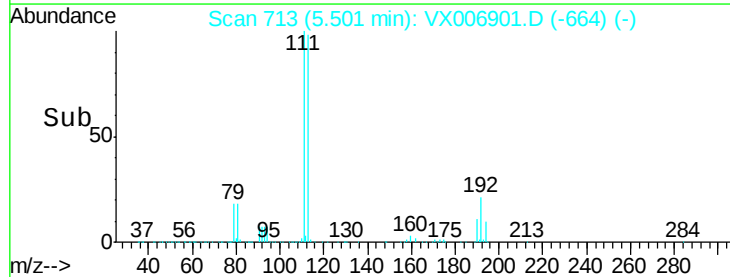
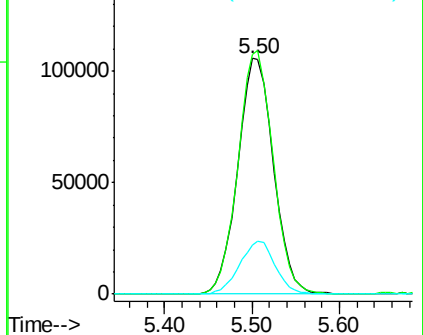
192 22.4 16.7 25.1

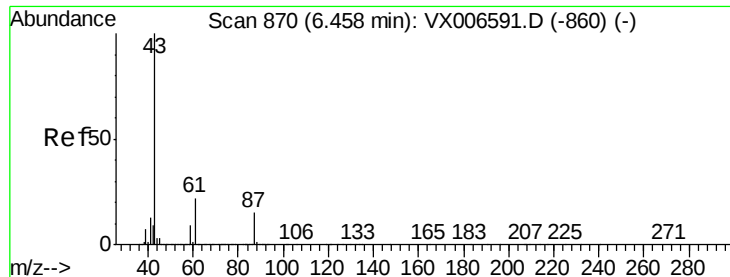


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



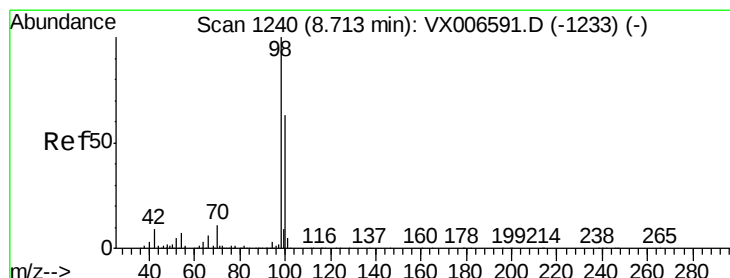
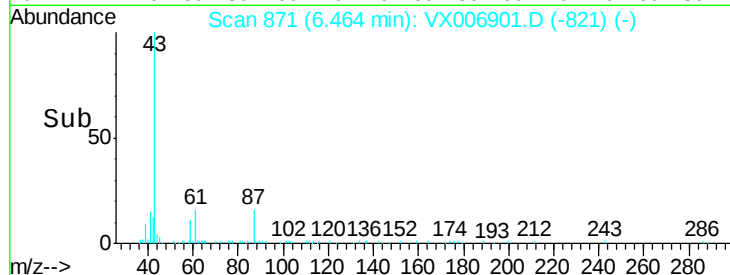
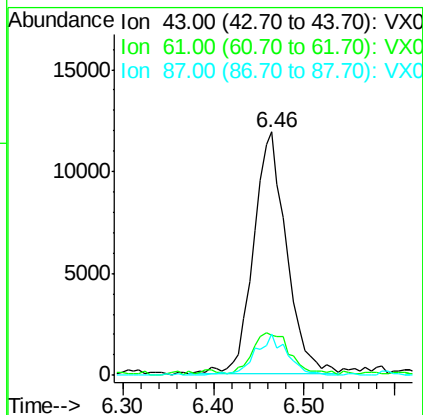
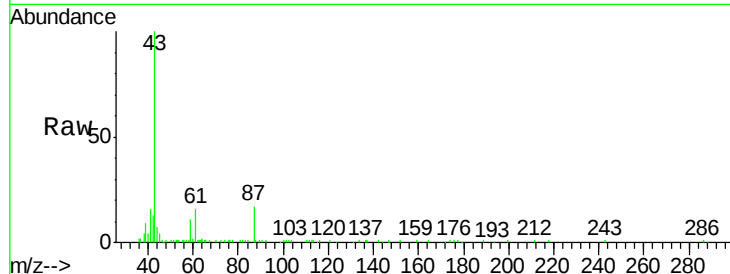


#43

Isopropyl Acetate
 Concen: 2.289 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006901.D
 Acq: 03 Jan 2019 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 TEST-PIT-D-11-12-A

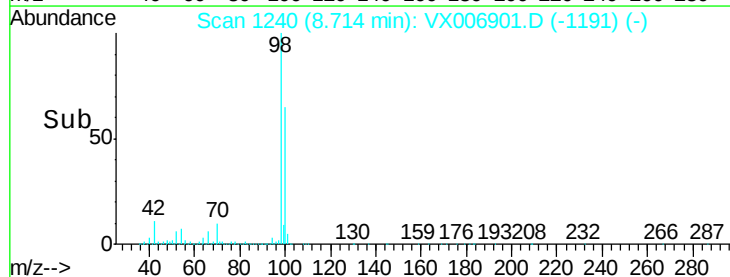
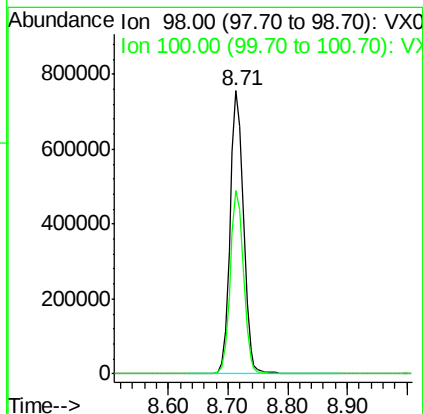
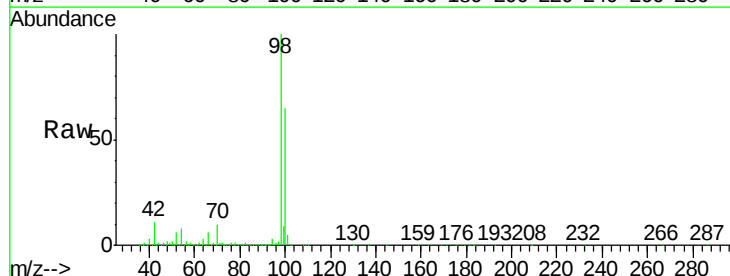
Tot Ion	43	Resp	29542
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.8	25.2
87	16.2	12.4	18.6

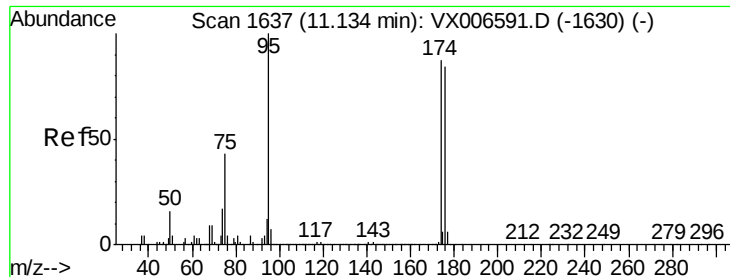


#50

Toluene-d8
 Concen: 50.502 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006901.D
 Acq: 03 Jan 2019 18:05

Tgt Ion	98	Resp	1184918
Ion Ratio	Lower	Upper	
98	100		
100	64.2	52.0	78.0

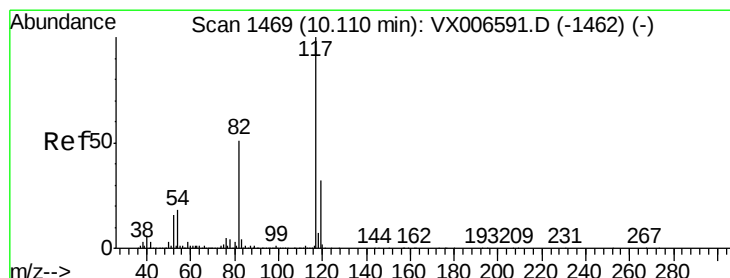
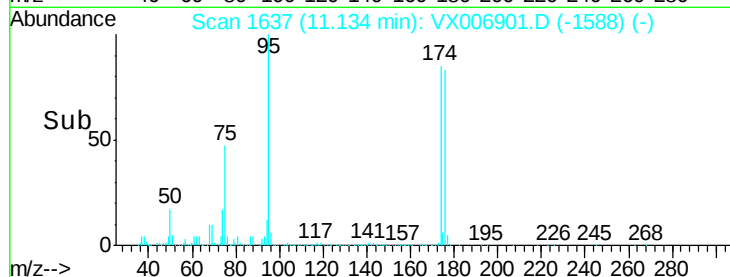
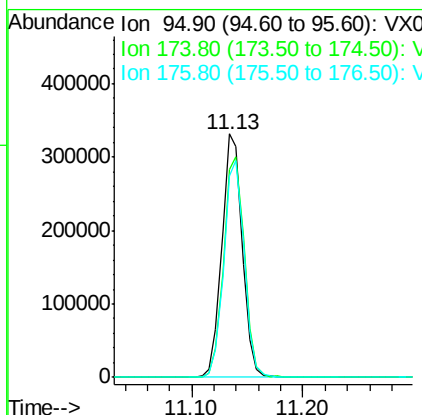
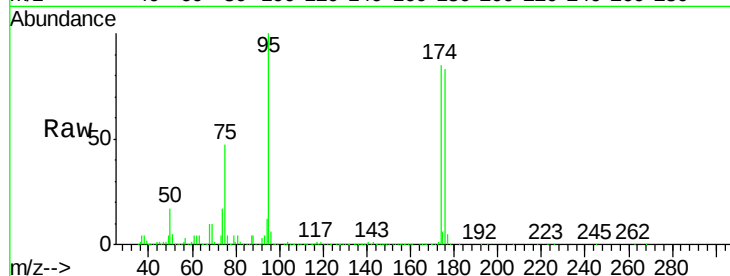




#62
4-Bromofluorobenzene
Concen: 48.928 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006901.D
Acq: 03 Jan 2019 18:05

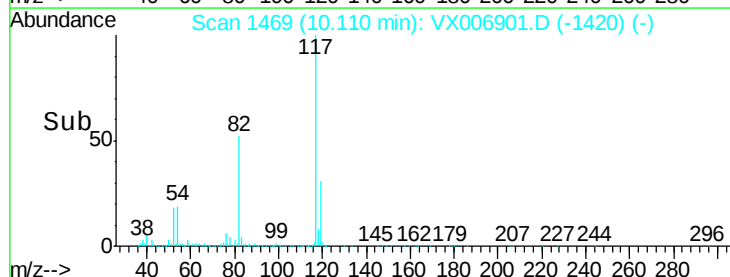
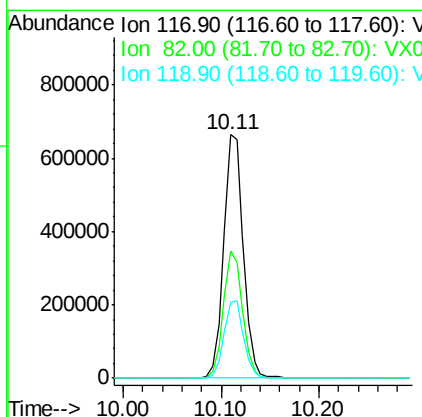
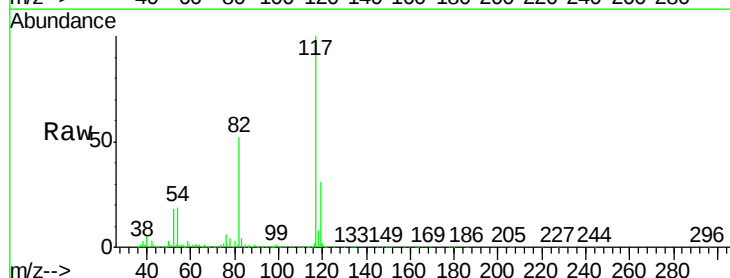
Instrument :
MSVOA_X
ClientSampleId :
TEST-PIT-D-11-12-A

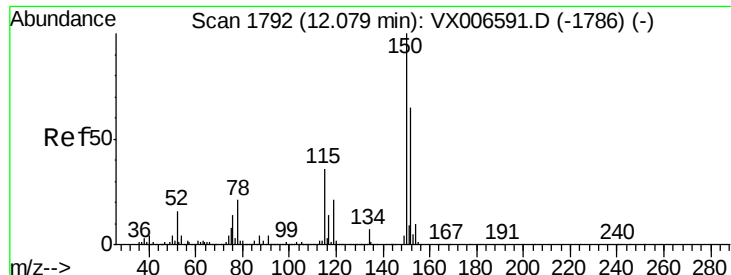
Tot Ion: 95 Resp: 420440
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.2
176 88.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006901.D
Acq: 03 Jan 2019 18:05

Tgt Ion: 117 Resp: 920790
Ion Ratio Lower Upper
117 100
82 52.4 41.0 61.6
119 31.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006901.D

Acq: 03 Jan 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

TEST-PIT-D-11-12-A

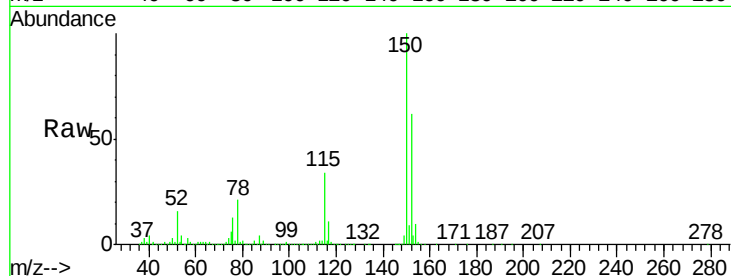
Tot Ion:152 Resp: 445646

Ion Ratio Lower Upper

152 100

115 54.8 39.1 117.2

150 156.4 0.0 344.8



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

