

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004627.D
 Acq On : 17 Sep 2018 19:05
 Operator : JC/MD
 Sample : PB112894ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#02

Quant Time: Sep 18 01:25:41 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	5.67	168	215136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166660	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	137978	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	135177	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	
50) Toluene-d8	8.71	98	456586	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
62) 4-Bromofluorobenzene	11.14	95	159171	45.34	ug/l	0.00
Spiked Amount			Recovery	=	90.68%	

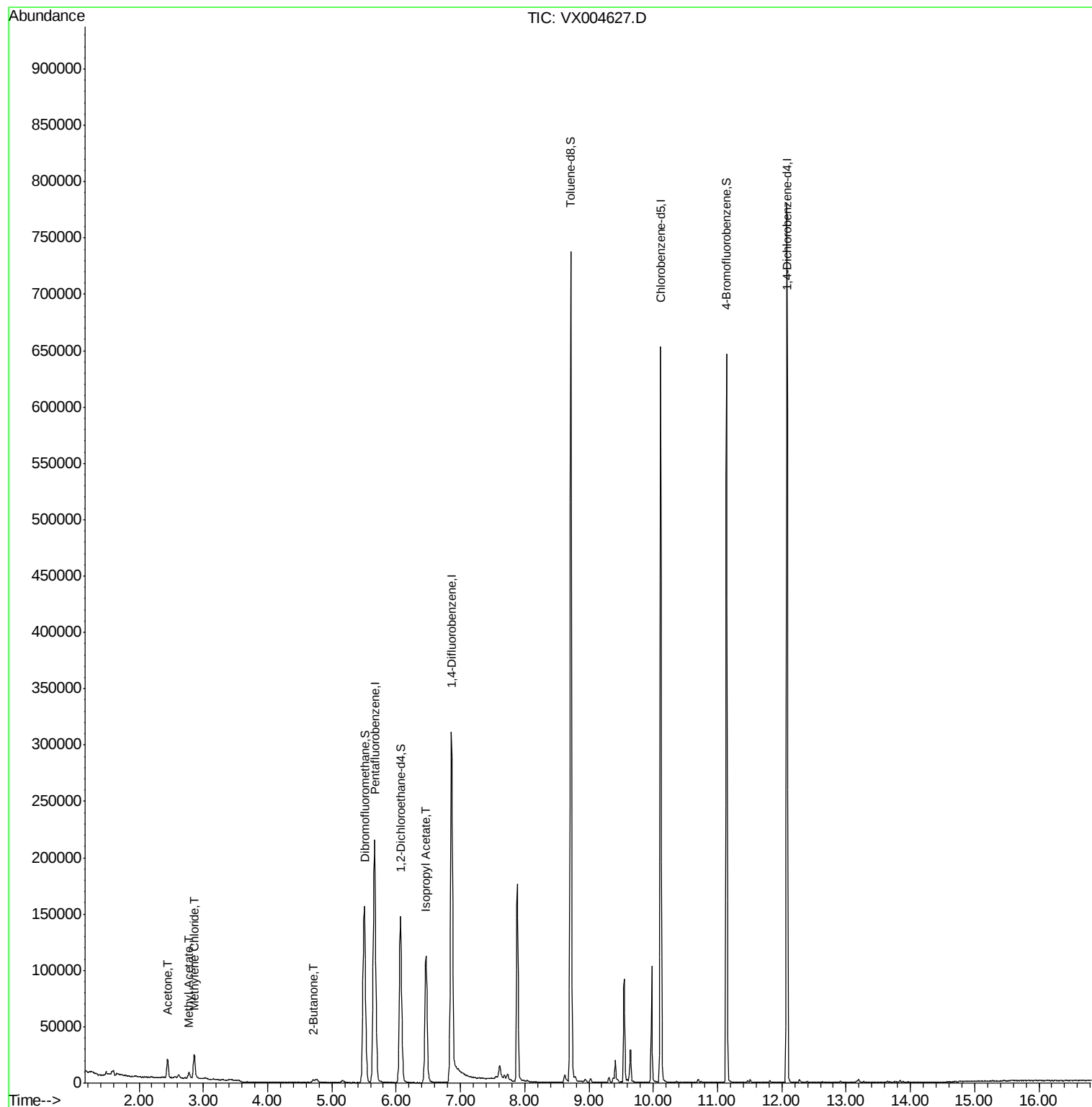
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	17889	13.21	ug/l	96
18) Methyl Acetate	2.78	43	6911	1.82	ug/l	99
20) Methylene Chloride	2.86	84	10555	3.80	ug/l	97
25) 2-Butanone	4.70	43	4575	2.12	ug/l	90
43) Isopropyl Acetate	6.46	43	146128	24.86	ug/l	99

(#) = 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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004627.D

Acq: 17 Sep 2018 19:05

Instrument :

MSVOA_X

ClientSampleId :

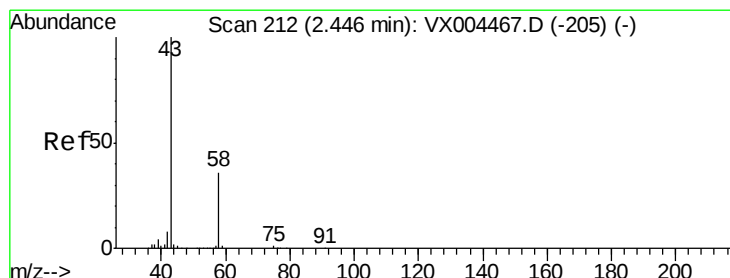
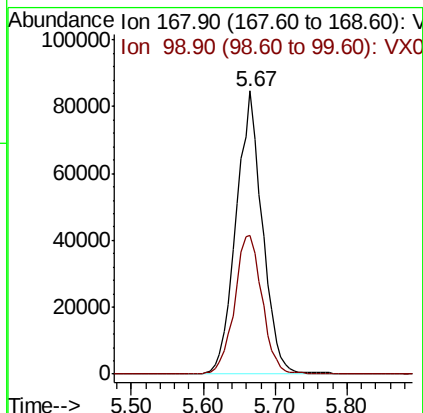
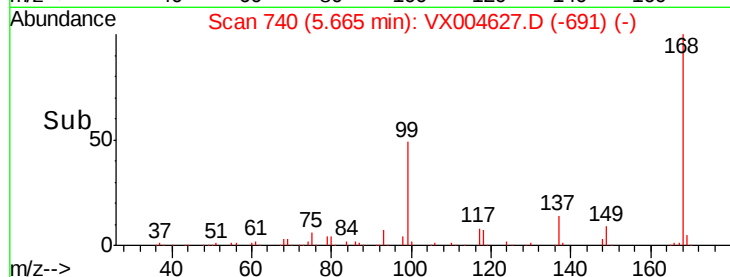
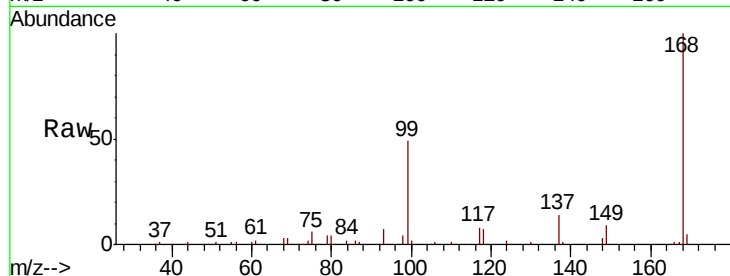
PB112894ZHE#02

Tot Ion:168 Resp: 215136

Ion Ratio Lower Upper

168 100

99 49.0 39.9 59.9



#16

Acetone

Concen: 13.21 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004627.D

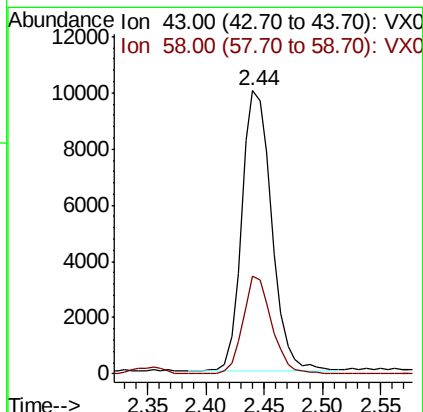
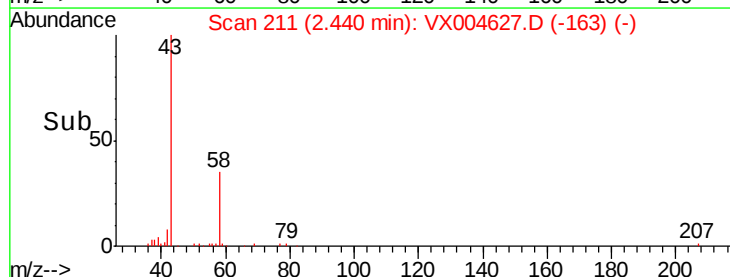
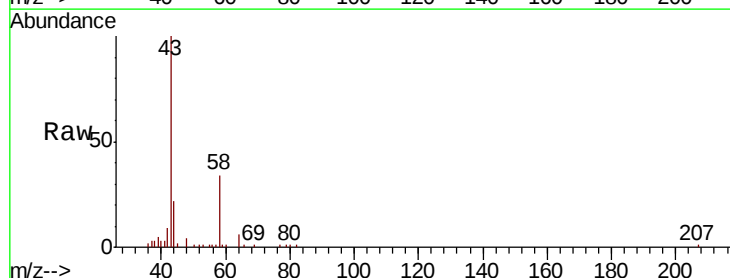
Acq: 17 Sep 2018 19:05

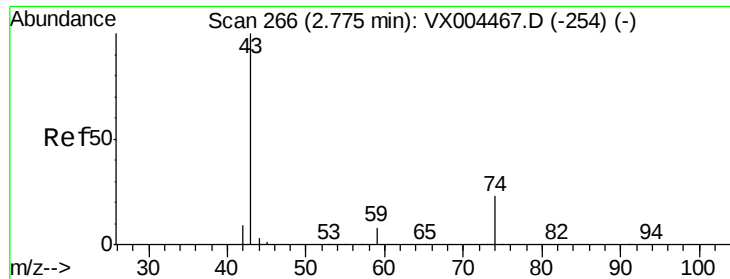
Tgt Ion: 43 Resp: 17889

Ion Ratio Lower Upper

43 100

58 34.8 26.2 39.4

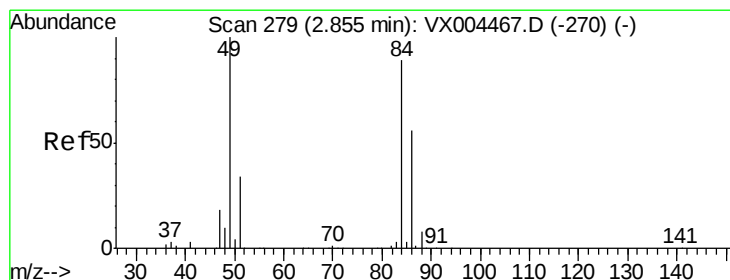
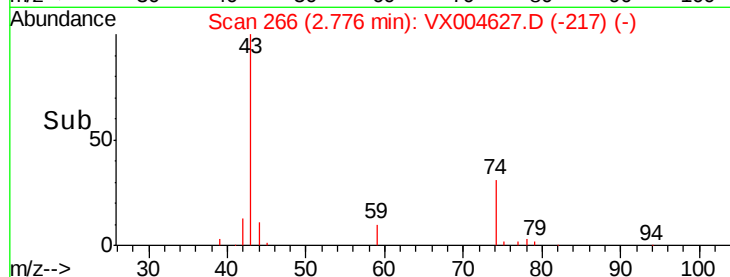
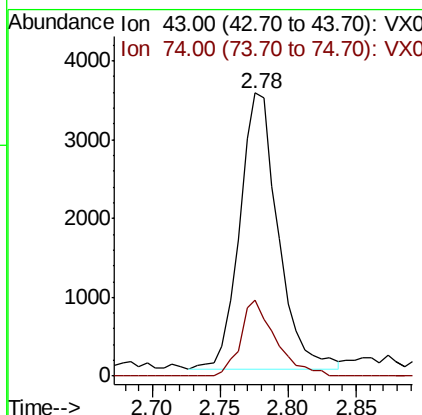
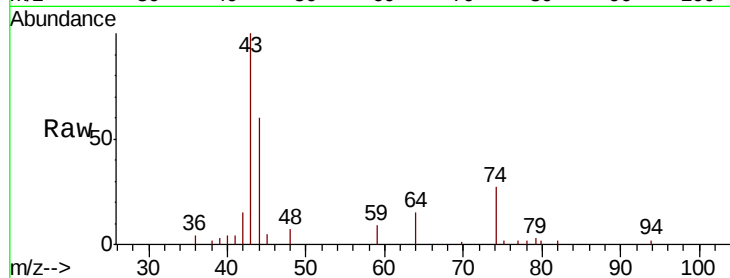




#18
Methyl Acetate
Concen: 1.82 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004627.D
Acq: 17 Sep 2018 19:05

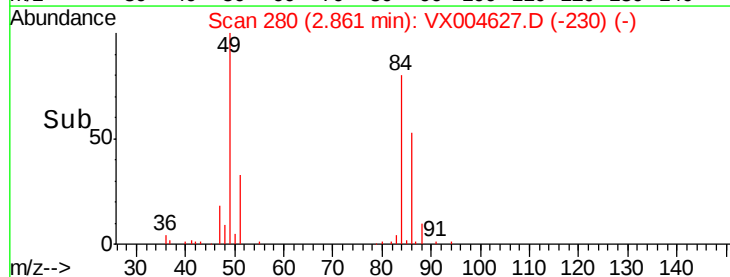
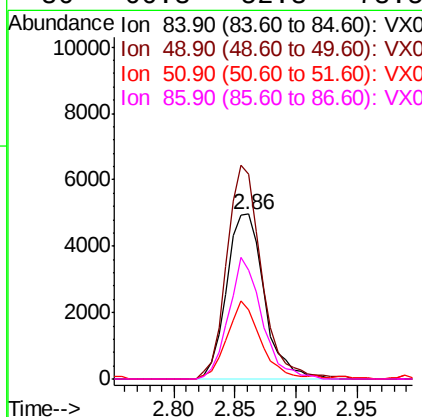
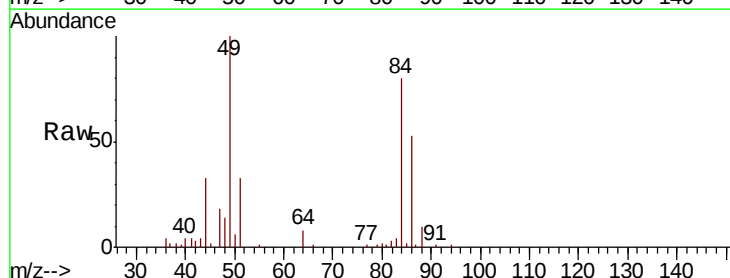
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#02

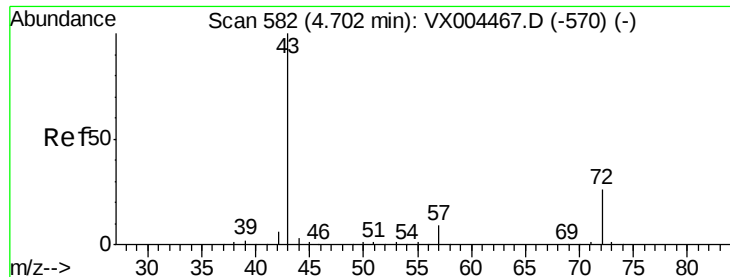
Tot Ion: 43 Resp: 6911
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.2



#20
Methylene Chloride
Concen: 3.80 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004627.D
Acq: 17 Sep 2018 19:05

Tgt Ion: 84 Resp: 10555
Ion Ratio Lower Upper
84 100
49 124.3 101.2 151.8
51 41.6 29.5 44.3
86 66.3 52.3 78.5





#25

2-Butanone

Concen: 2.12 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004627.D

Acq: 17 Sep 2018 19:05

Instrument :

MSVOA_X

ClientSampleId :

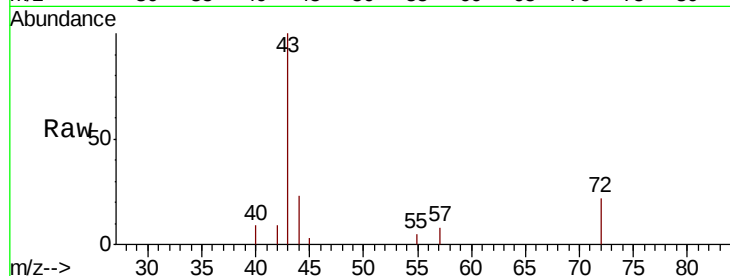
PB112894ZHE#02

Tot Ion: 43 Resp: 4575

Ion Ratio Lower Upper

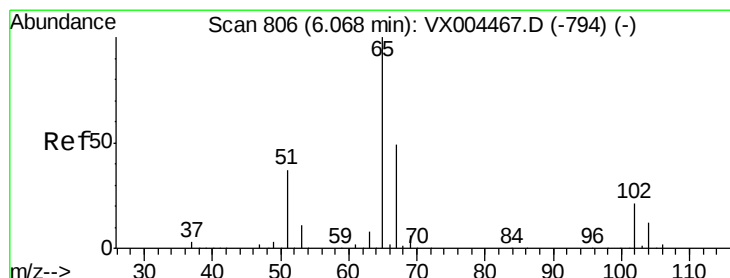
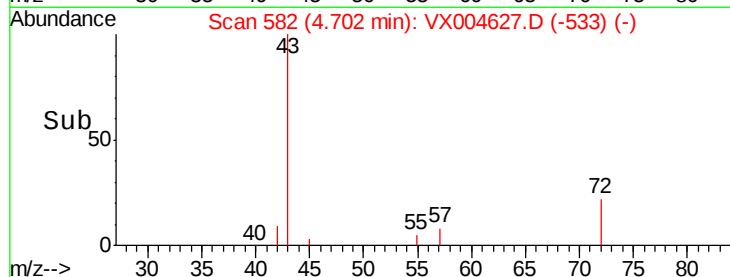
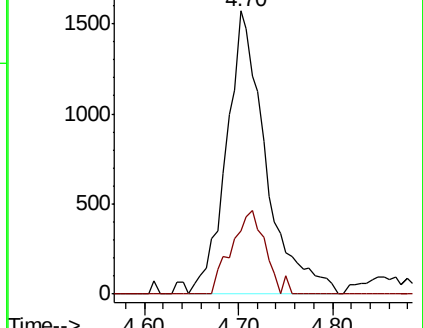
43 100

72 22.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.74 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004627.D

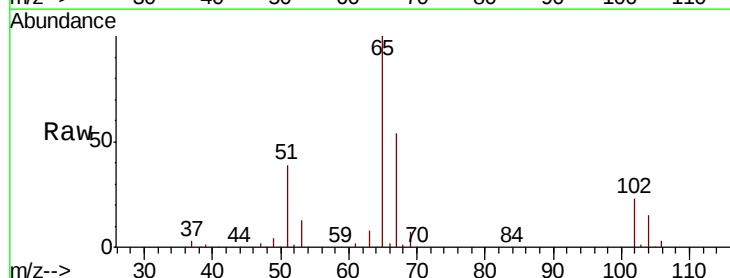
Acq: 17 Sep 2018 19:05

Tgt Ion: 65 Resp: 137978

Ion Ratio Lower Upper

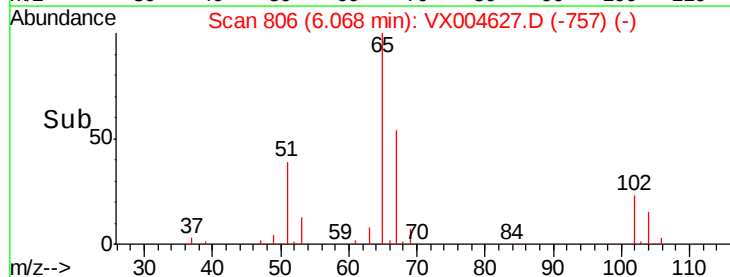
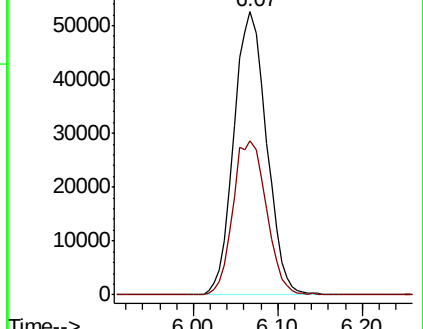
65 100

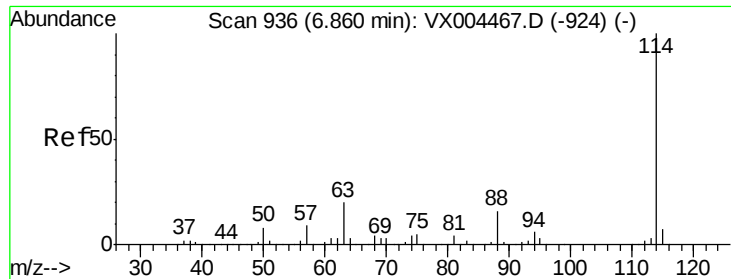
67 55.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

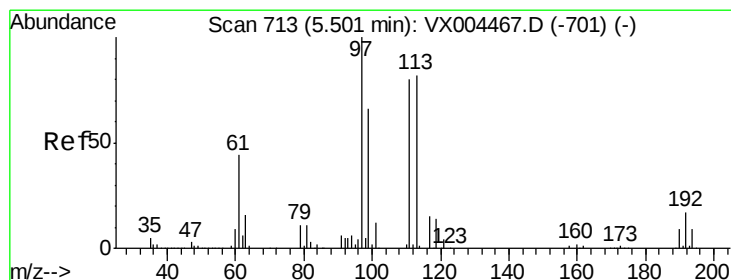
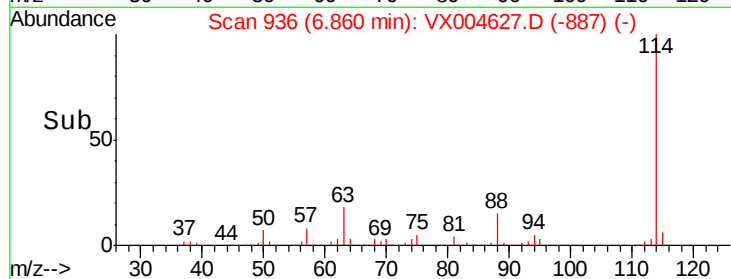
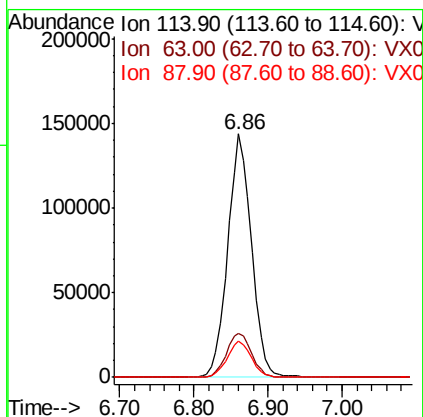
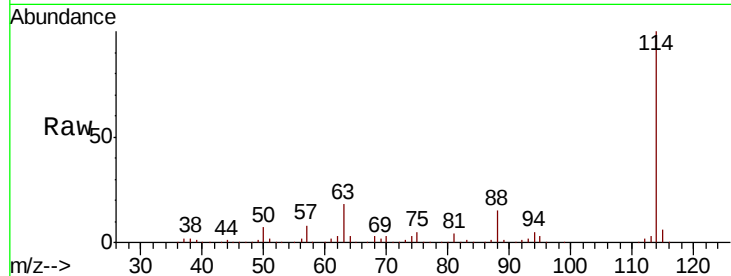




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004627.D
 Acq: 17 Sep 2018 19:05

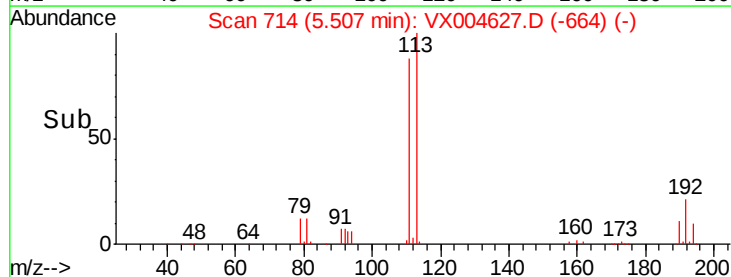
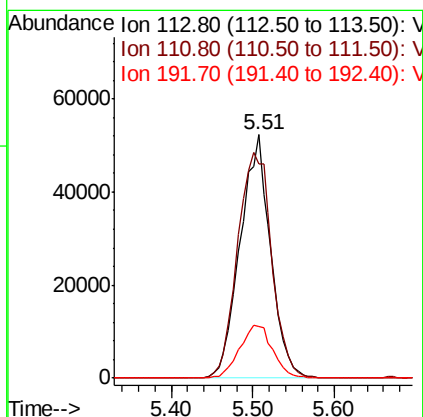
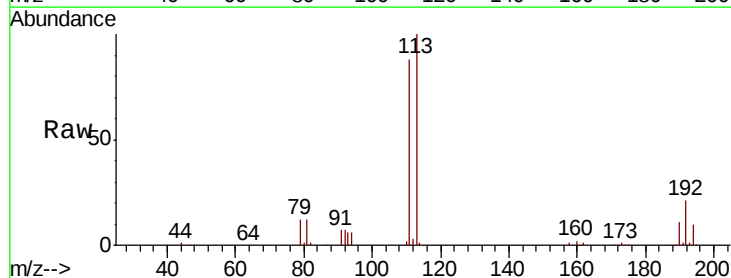
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#02

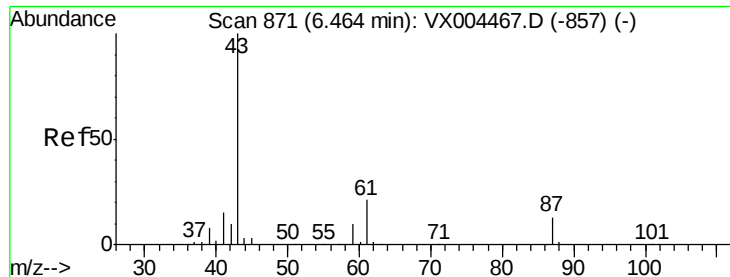
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	39.0
88	14.7	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 46.09 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004627.D
 Acq: 17 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.4	123.6
192	23.7	19.4	29.2



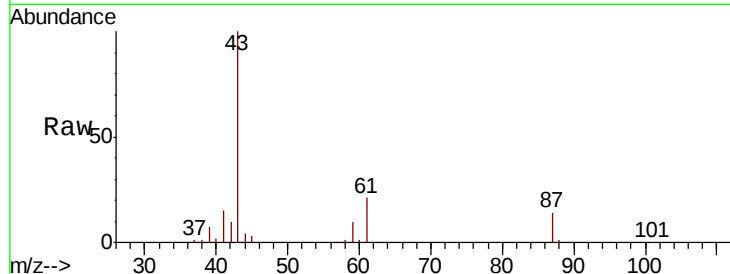


#43

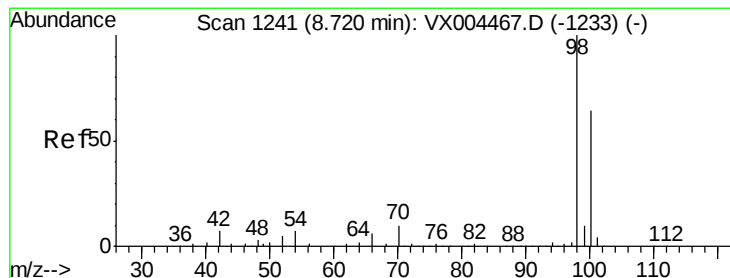
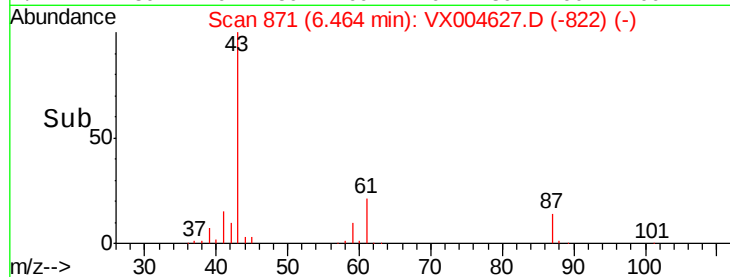
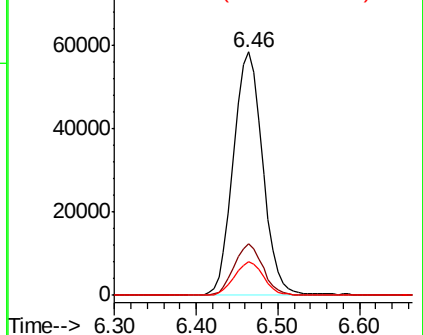
Isopropyl Acetate
 Concen: 24.86 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004627.D
 Acq: 17 Sep 2018 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#02

Tot Ion	43	Resp	146128
Ion Ratio	100	Lower	Upper
61	20.6	17.0	25.4
87	13.7	11.4	17.2



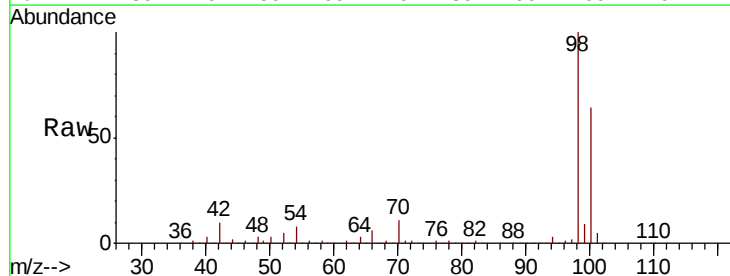
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



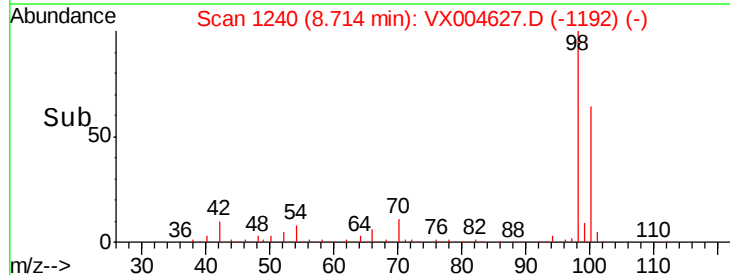
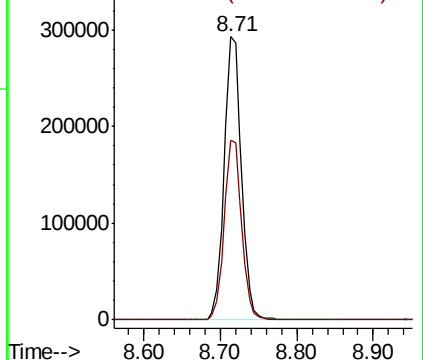
#50

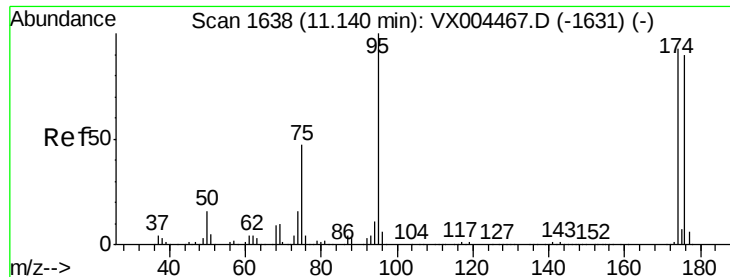
Toluene-d8
 Concen: 46.42 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004627.D
 Acq: 17 Sep 2018 19:05

Tgt Ion	98	Resp	456586
Ion Ratio	100	Lower	Upper
100	64.0	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: 45.34 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004627.D

Acq: 17 Sep 2018 19:05

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#02

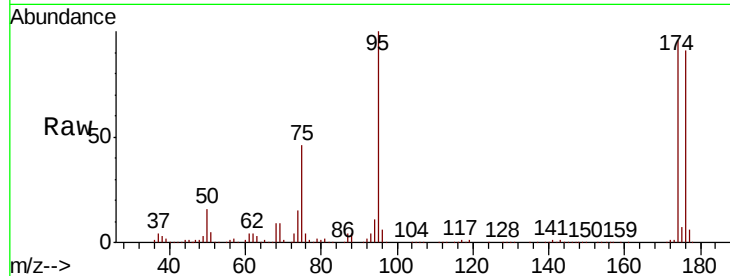
Tot Ion: 95 Resp: 159171

Ion Ratio Lower Upper

95 100

174 94.2 0.0 185.2

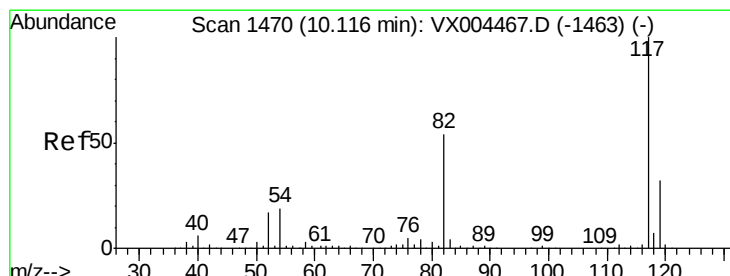
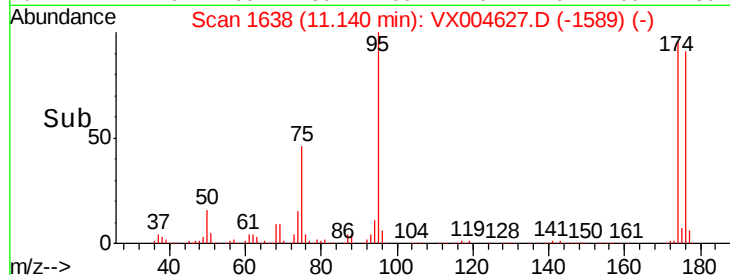
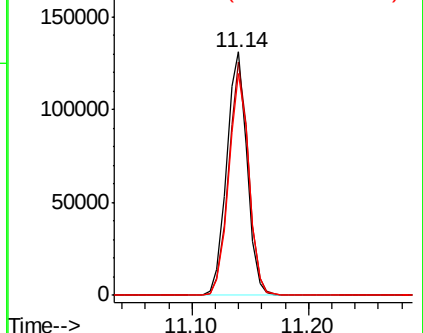
176 90.6 0.0 178.6



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: VX004627.D

Acq: 17 Sep 2018 19:05

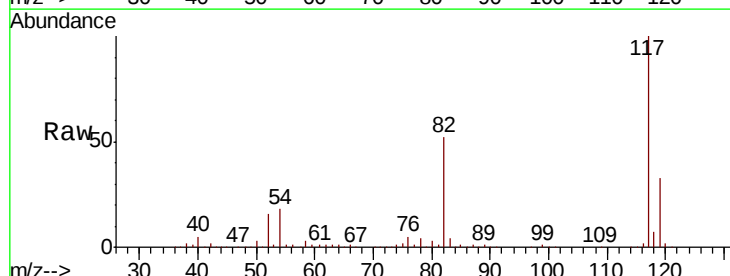
Tgt Ion: 117 Resp: 310497

Ion Ratio Lower Upper

117 100

82 52.4 47.8 71.6

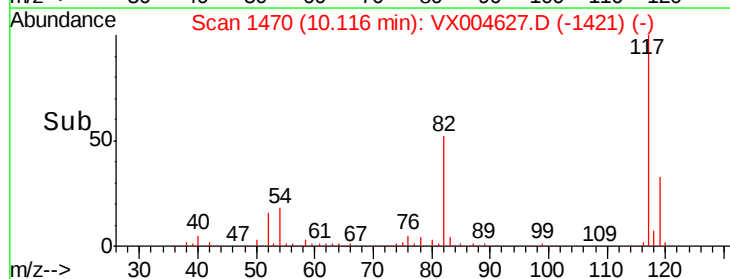
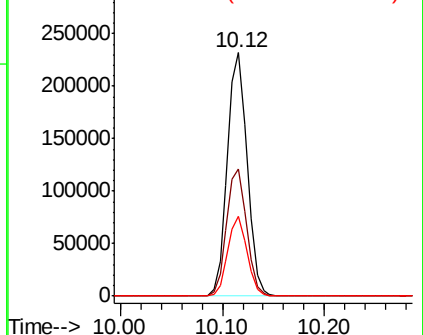
119 32.6 29.3 43.9

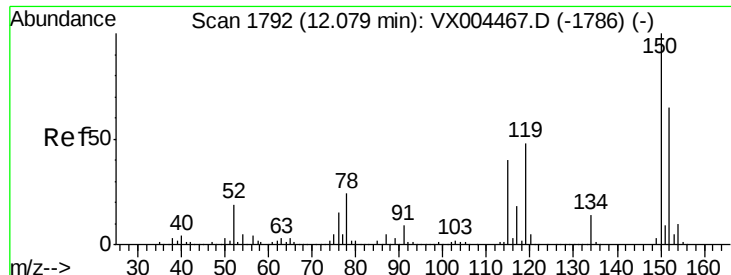


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX004627.D
 Acq: 17 Sep 2018 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#02

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	39.0	117.0
150	156.8	0.0	351.0

