

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004629.D
 Acq On : 17 Sep 2018 19:58
 Operator : JC/MD
 Sample : PB112894ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#04

Quant Time: Sep 18 01:30:28 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	220336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178726	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	146426	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
35) Dibromofluoromethane	5.51	113	140502	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
50) Toluene-d8	8.71	98	457686	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	11.14	95	156911	44.17	ug/l	0.00
Spiked Amount			Recovery	=	88.34%	

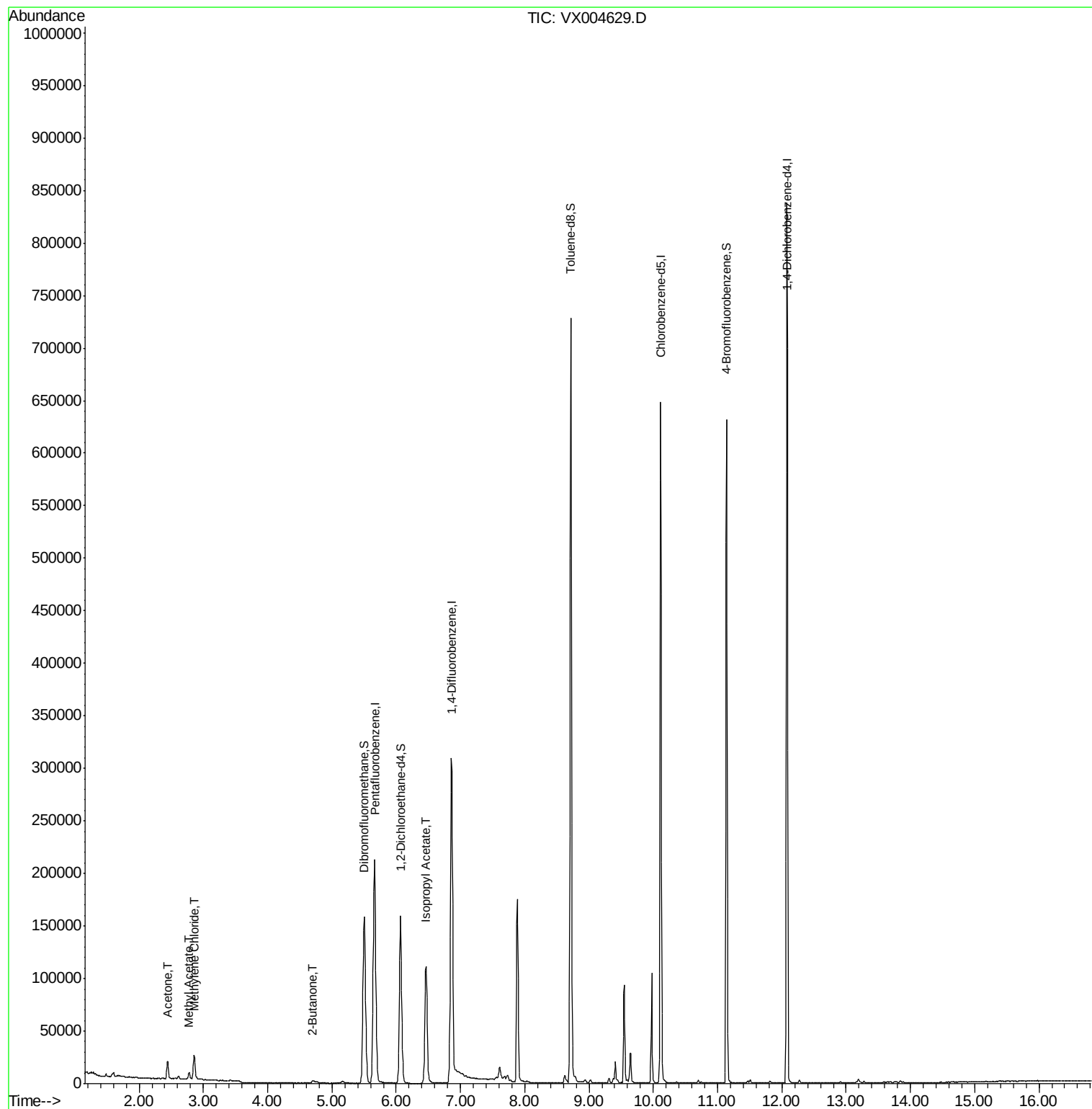
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	18042	13.01	ug/l	94
18) Methyl Acetate	2.78	43	7904	2.03	ug/l	99
20) Methylene Chloride	2.85	84	10941	3.85	ug/l	89
25) 2-Butanone	4.70	43	4911	2.23	ug/l #	89
43) Isopropyl Acetate	6.46	43	147554	24.81	ug/l	99

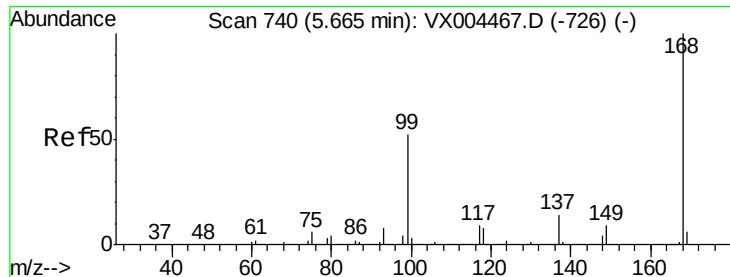
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004629.D

Acq: 17 Sep 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

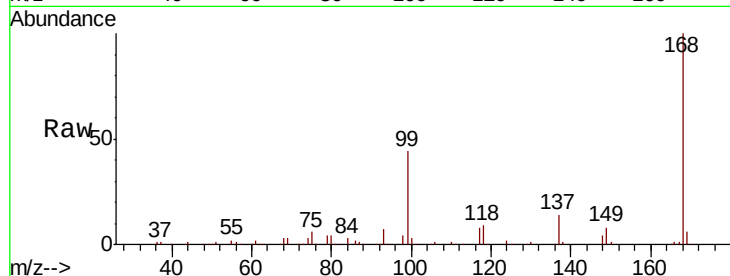
PB112894ZHE#04

Tot Ion:168 Resp: 220336

Ion Ratio Lower Upper

168 100

99 44.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004467.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX004467.D (-726) (-)

5.67

80000

60000

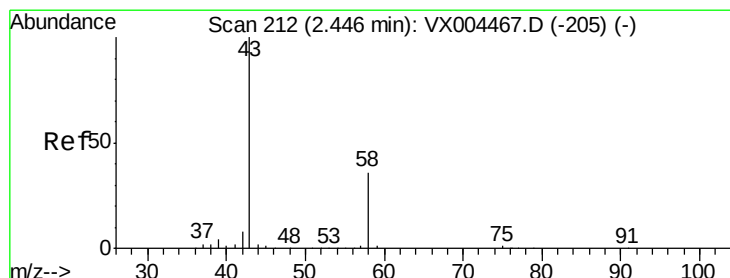
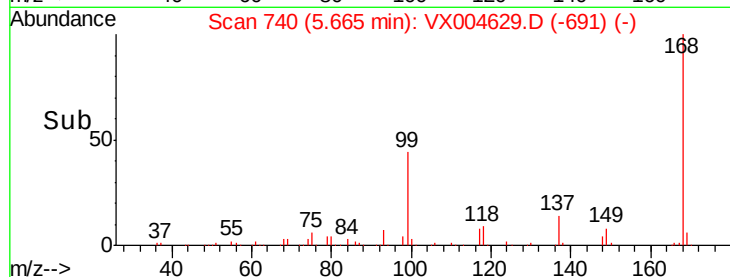
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 13.01 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004629.D

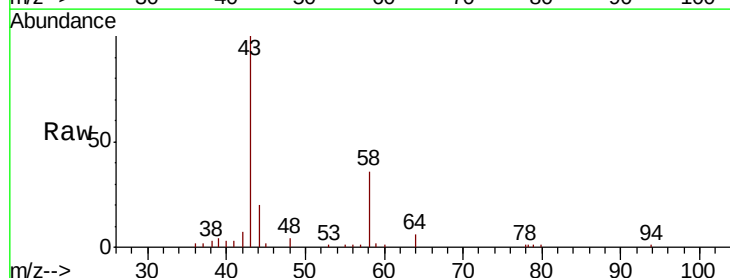
Acq: 17 Sep 2018 19:58

Tgt Ion: 43 Resp: 18042

Ion Ratio Lower Upper

43 100

58 36.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX004467.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX004467.D (-205) (-)

2.44

12000

10000

8000

6000

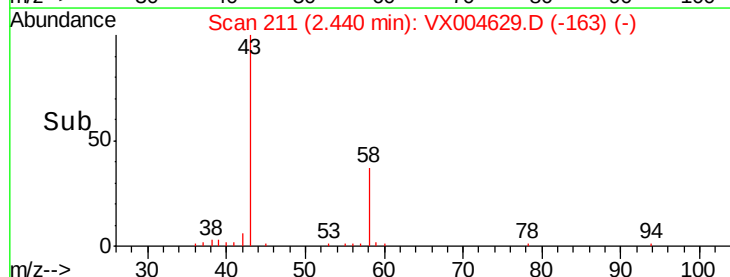
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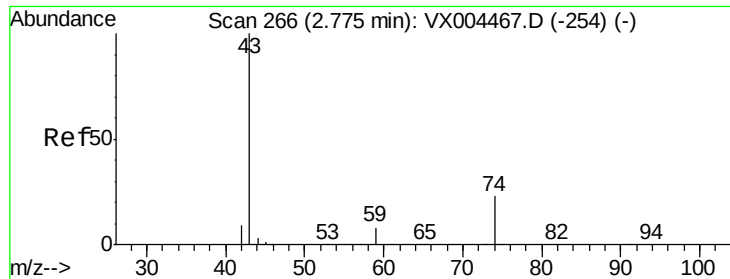
2000

0

2.30 2.40 2.50

Time-->

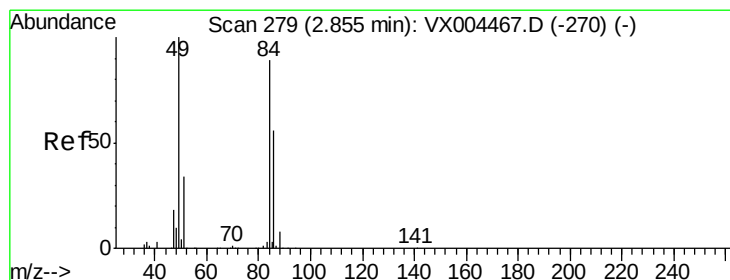
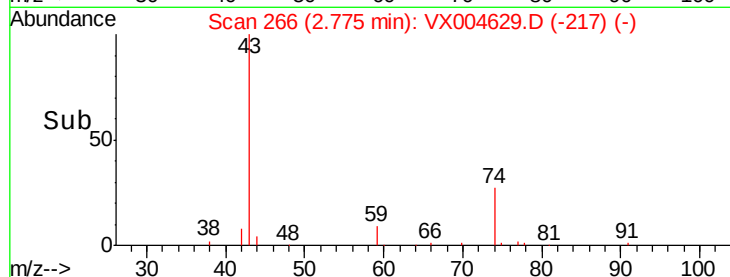
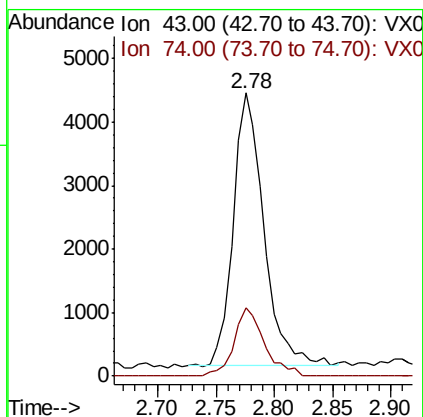
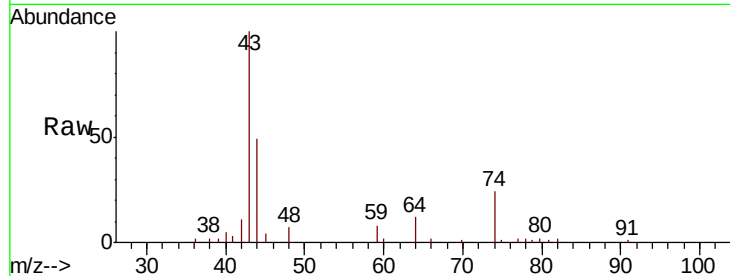




#18
Methvl Acetate
Concen: 2.03 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004629.D
Acq: 17 Sep 2018 19:58

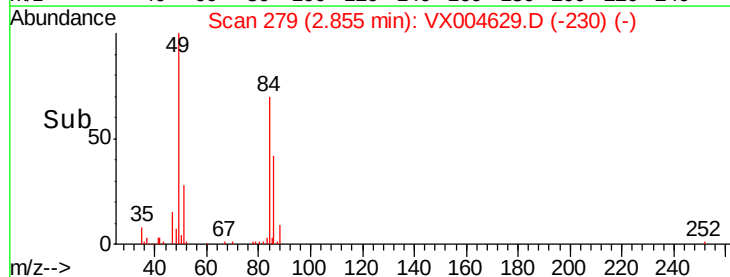
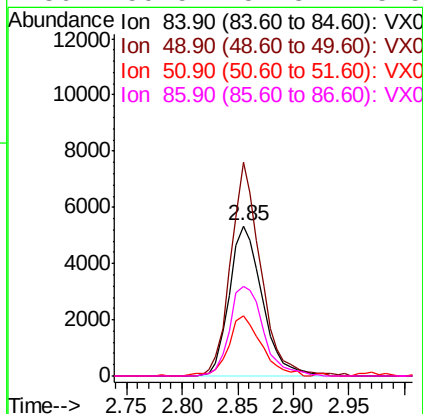
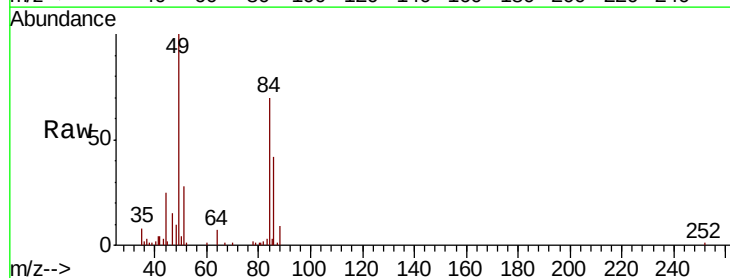
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#04

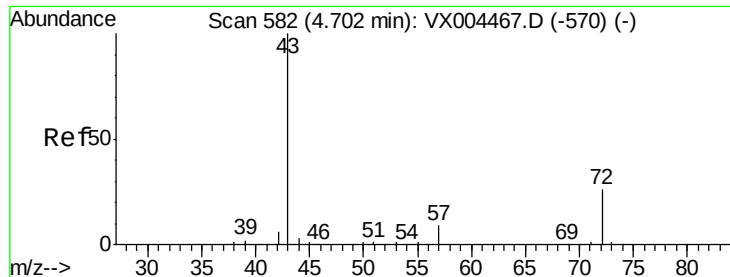
Tot Ion: 43 Resp: 7904
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.2



#20
Methylene Chloride
Concen: 3.85 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004629.D
Acq: 17 Sep 2018 19:58

Tgt Ion: 84 Resp: 10941
Ion Ratio Lower Upper
84 100
49 142.4 101.2 151.8
51 39.7 29.5 44.3
86 59.5 52.3 78.5





#25

2-Butanone

Concen: 2.23 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004629.D

Acq: 17 Sep 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

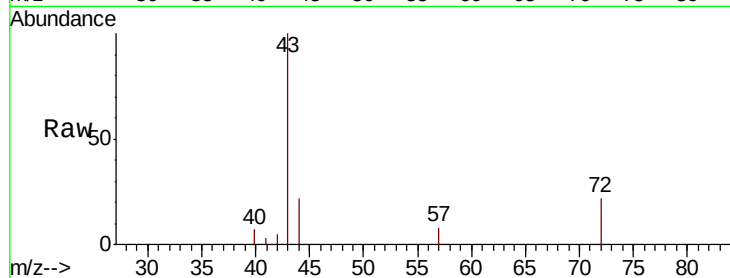
PB112894ZHE#04

Tot Ion: 43 Resp: 4911

Ion Ratio Lower Upper

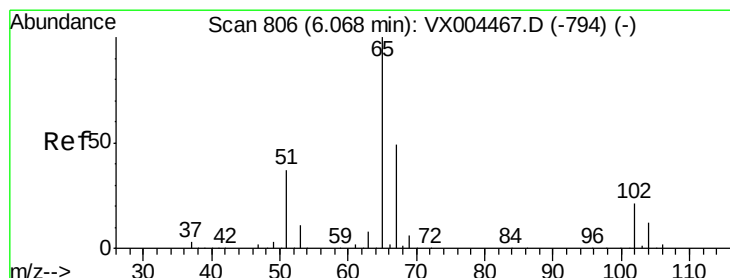
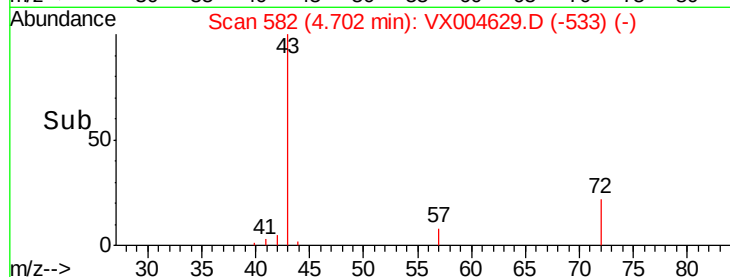
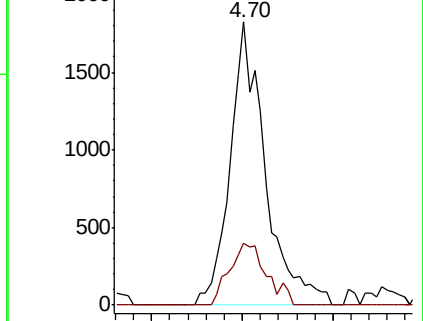
43 100

72 21.7 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: 51.54 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004629.D

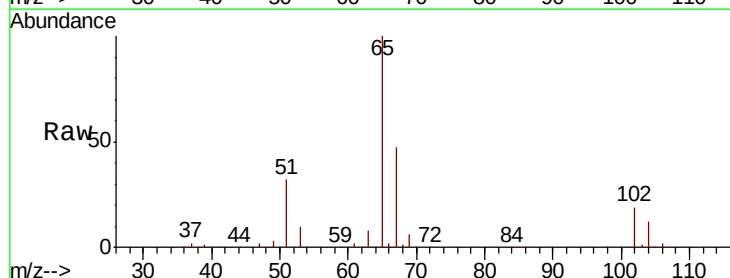
Acq: 17 Sep 2018 19:58

Tgt Ion: 65 Resp: 146426

Ion Ratio Lower Upper

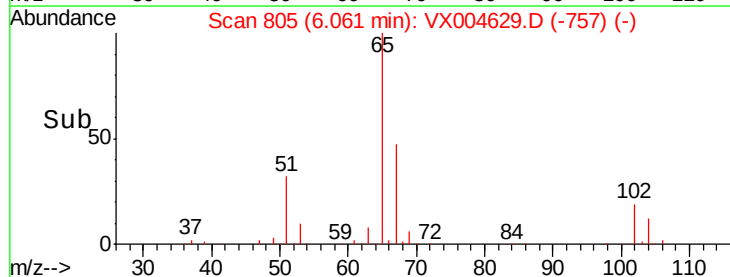
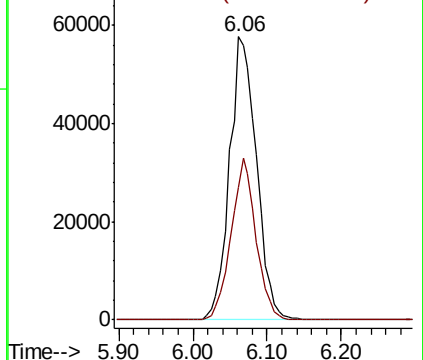
65 100

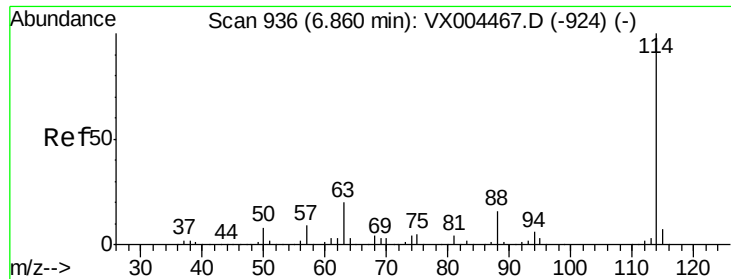
67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

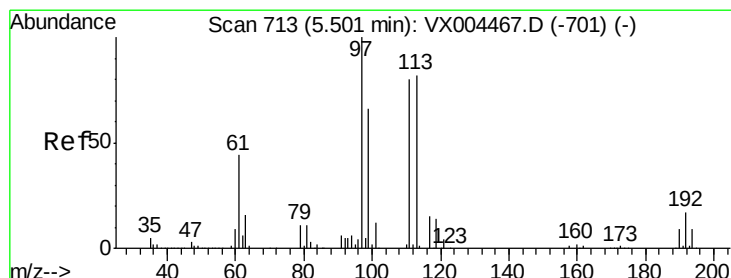
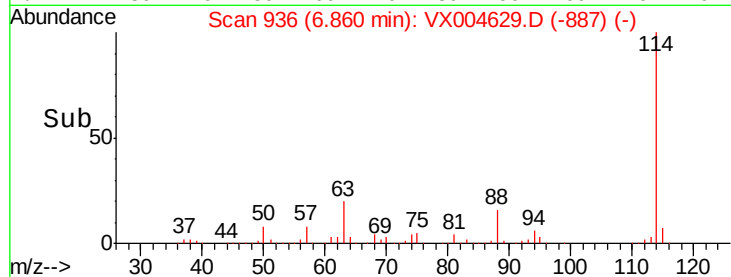
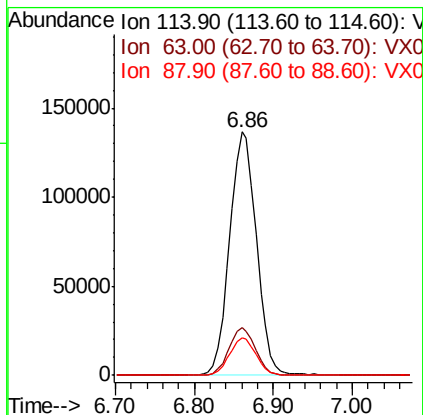
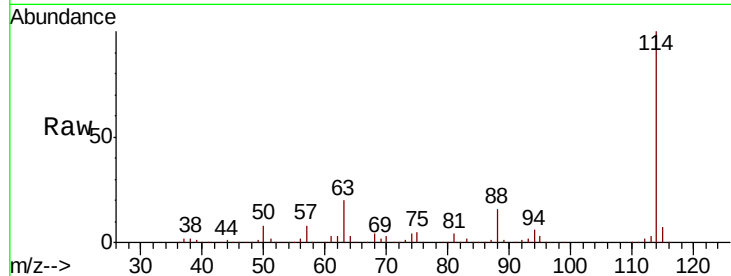




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004629.D
 Acq: 17 Sep 2018 19:58

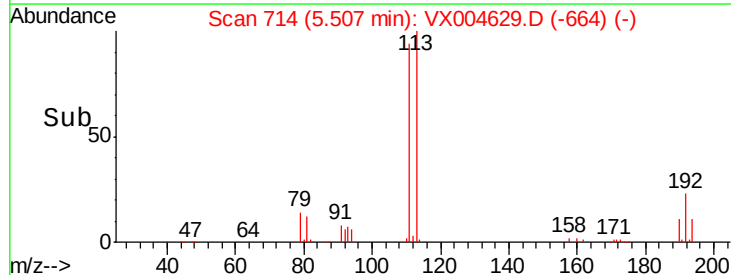
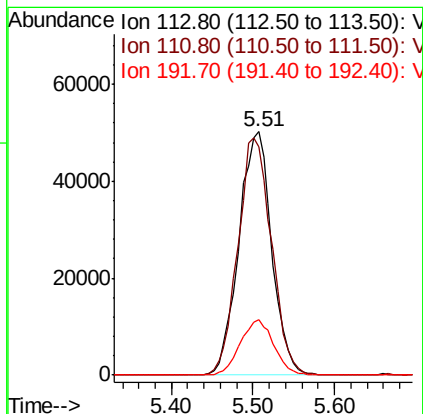
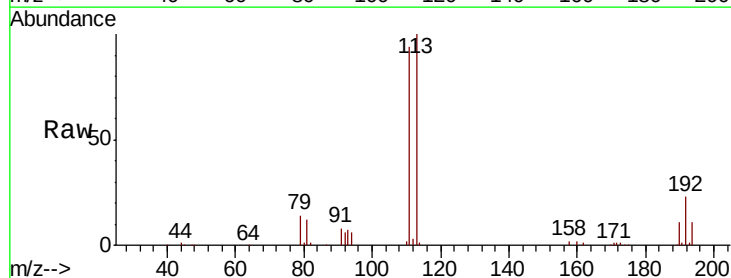
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#04

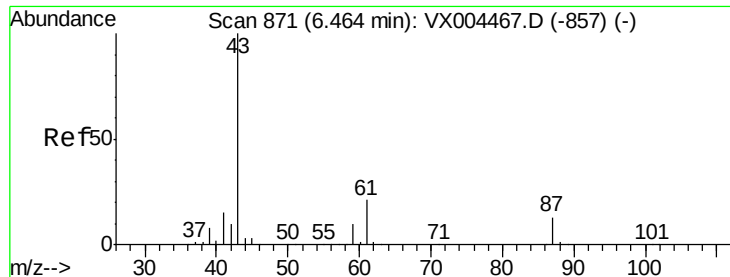
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.7	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 47.34 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004629.D
 Acq: 17 Sep 2018 19:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.4	123.6
192	23.0	19.4	29.2





#43

Isopropyl Acetate

Concen: 24.81 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004629.D

Acq: 17 Sep 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

PB112894ZHE#04

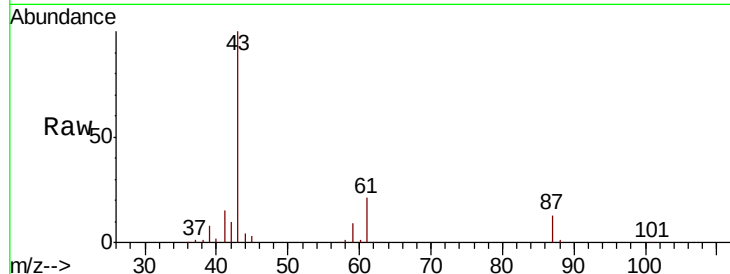
Tot Ion: 43 Resp: 147554

Ion Ratio Lower Upper

43 100

61 21.2 17.0 25.4

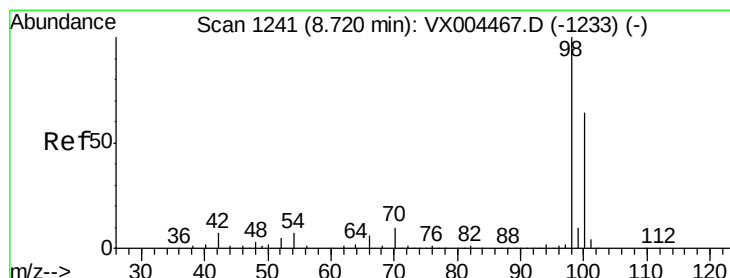
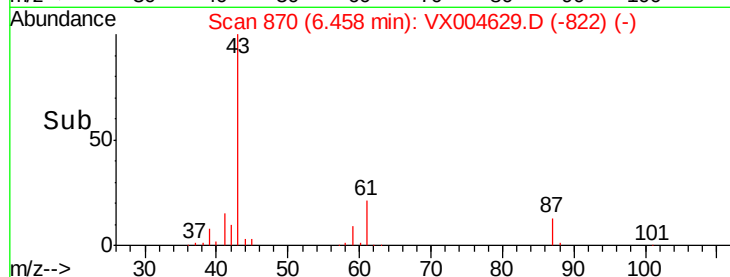
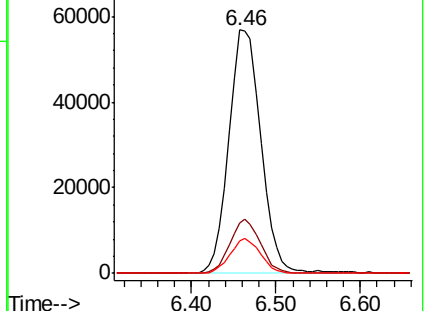
87 13.7 11.4 17.2



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: 45.99 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004629.D

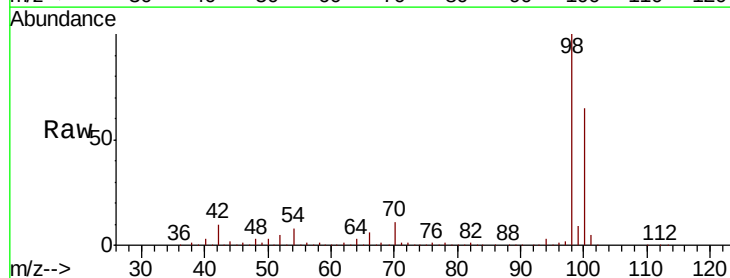
Acq: 17 Sep 2018 19:58

Tgt Ion: 98 Resp: 457686

Ion Ratio Lower Upper

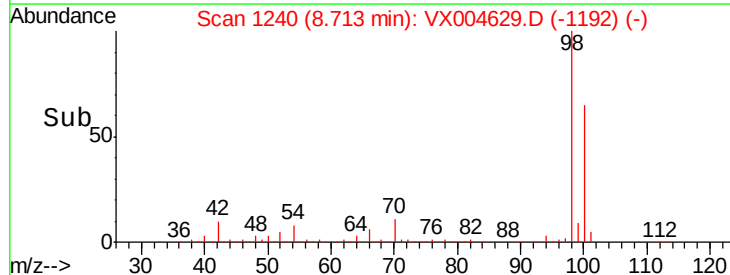
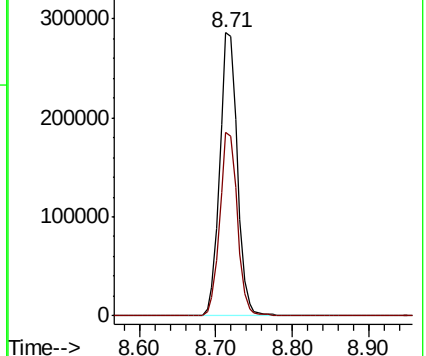
98 100

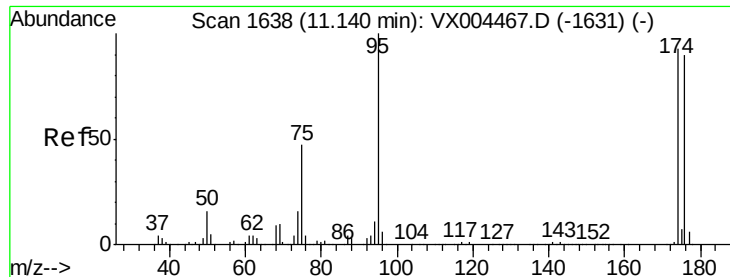
100 64.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

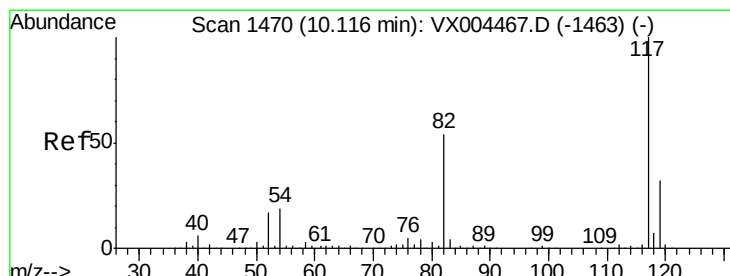
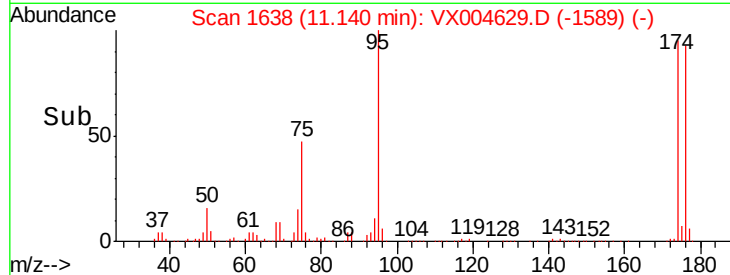
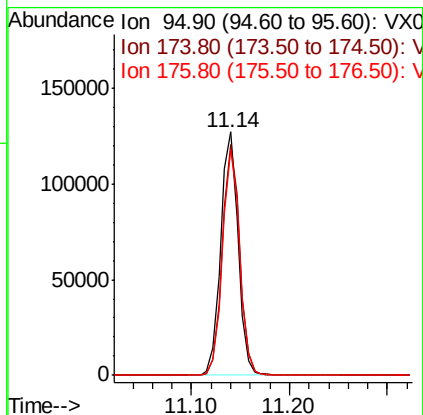
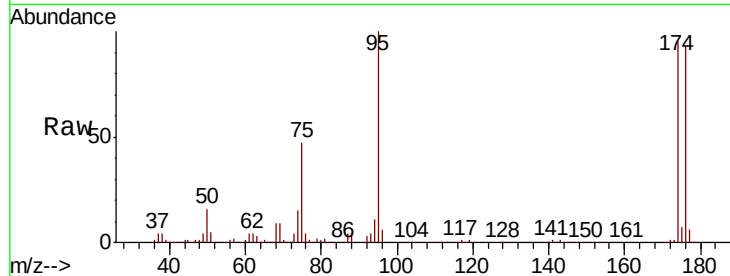




#62
4-Bromofluorobenzene
Concen: 44.17 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004629.D
Acq: 17 Sep 2018 19:58

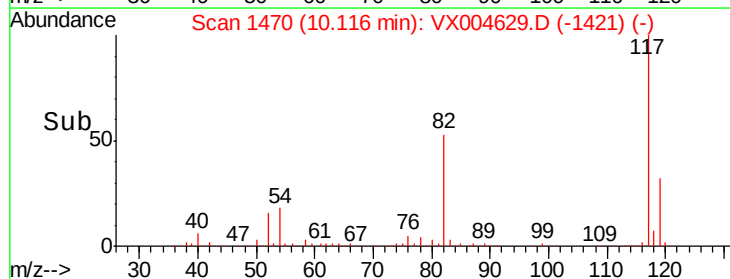
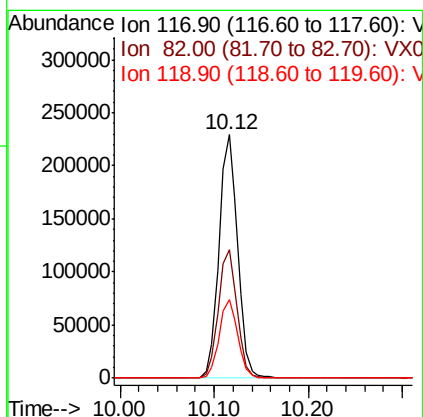
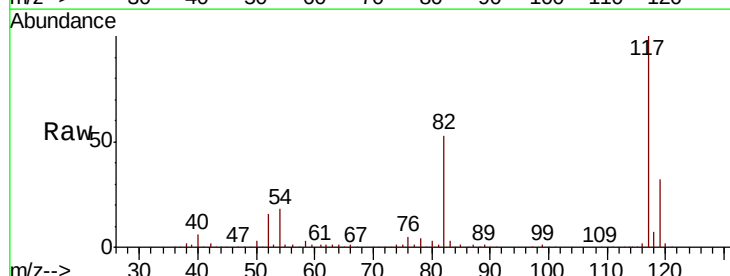
Instrument :
MSVOA_X
ClientSampleId :
PB112894ZHE#04

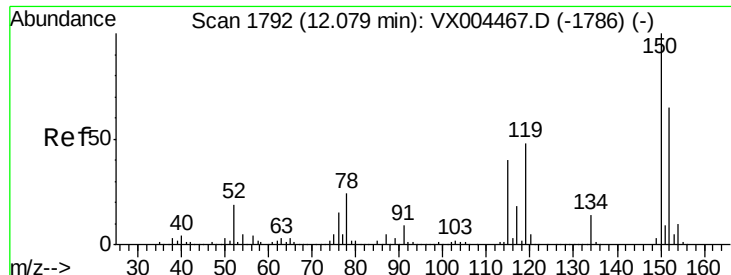
Tot Ion: 95 Resp: 156911
Ion Ratio Lower Upper
95 100
174 95.0 0.0 185.2
176 91.5 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004629.D
Acq: 17 Sep 2018 19:58

Tgt Ion: 117 Resp: 312414
Ion Ratio Lower Upper
117 100
82 52.8 47.8 71.6
119 32.3 29.3 43.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX004629.D
 Acq: 17 Sep 2018 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112894ZHE#04

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	39.0	117.0
150	160.5	0.0	351.0

