

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004128.D
 Acq On : 17 Aug 2018 13:29
 Operator : JC/MD
 Sample : J4520-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F-8-15-18

Quant Time: Aug 20 09:35:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	395738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220431	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	189443	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	
35) Dibromofluoromethane	5.50	113	158000	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	
50) Toluene-d8	8.72	98	601625	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.14	95	214959	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	

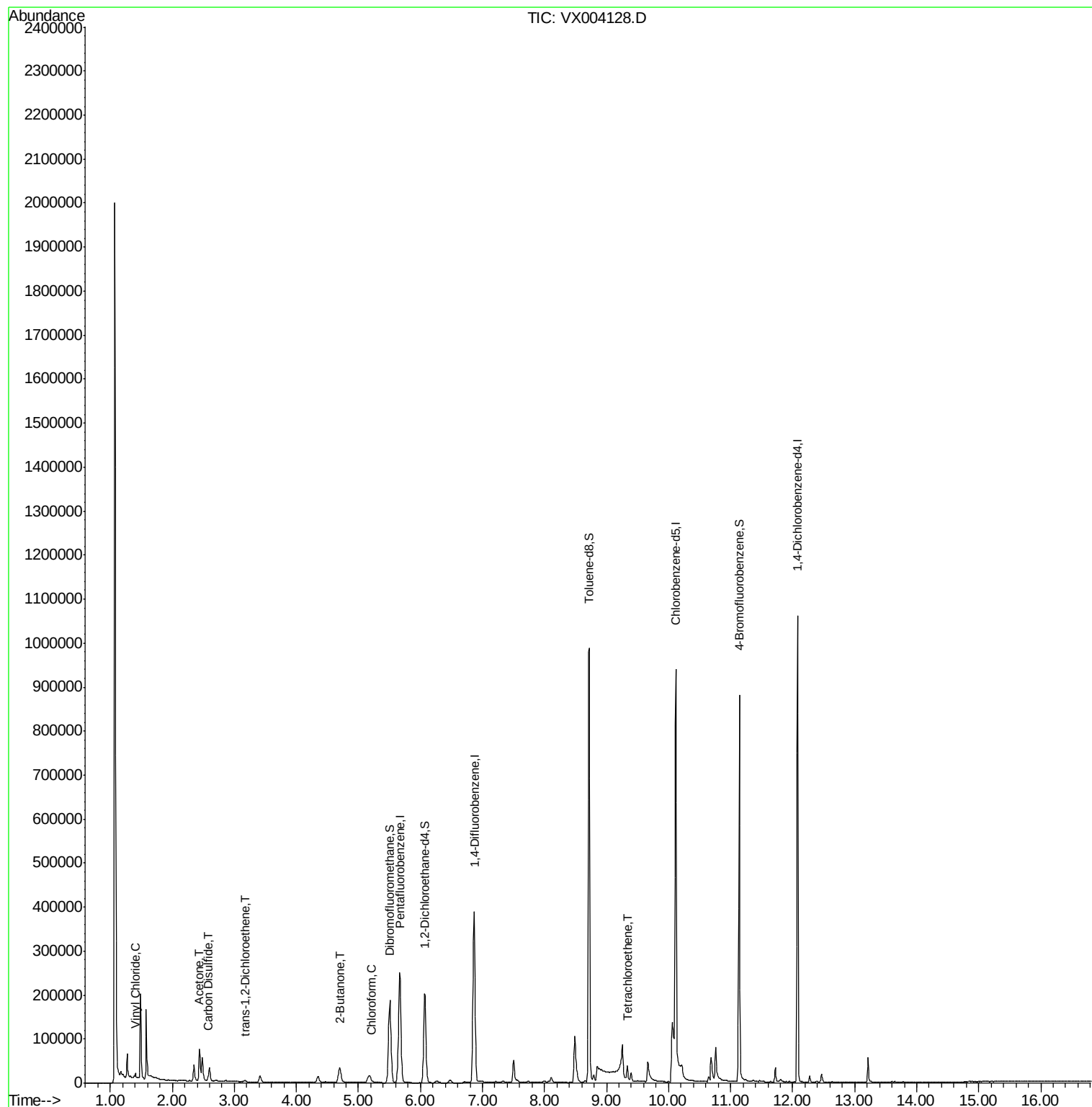
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	6424	1.95	ug/l	97
16) Acetone	2.43	43	78185	41.85	ug/l	97
17) Carbon Disulfide	2.57	76	5807	0.76	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	1174	0.39	ug/l #	79
25) 2-Butanone	4.70	43	60995	20.07	ug/l	97
30) Chloroform	5.21	83	1503	0.27	ug/l	93
64) Tetrachloroethene	9.34	164	6657	1.78	ug/l	92

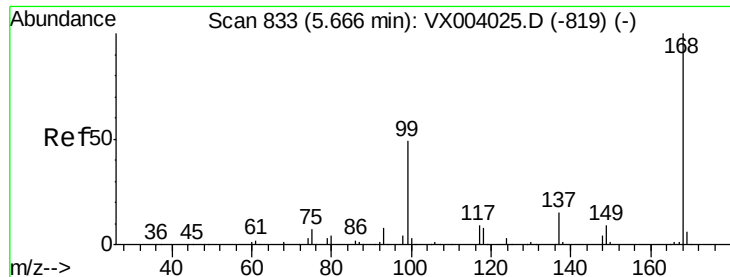
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 20 09:35:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004128.D

Acq: 17 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampled :

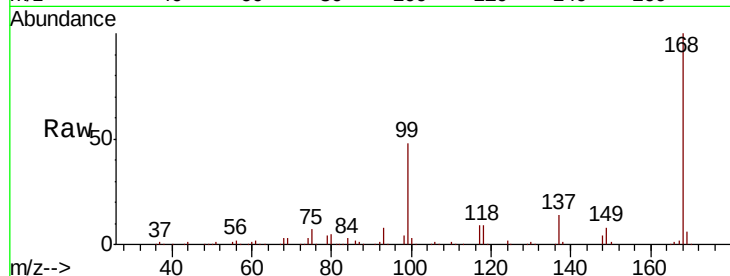
F-8-15-18

Tot Ion:168 Resp: 255025

Ion Ratio Lower Upper

168 100

99 47.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

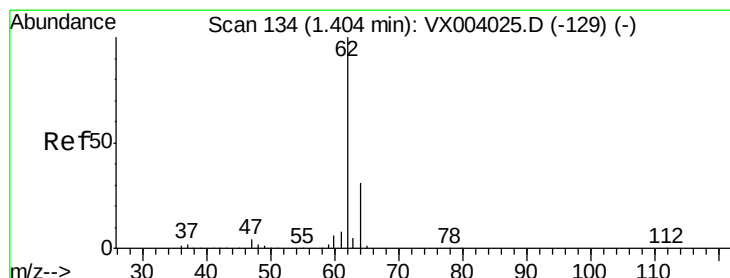
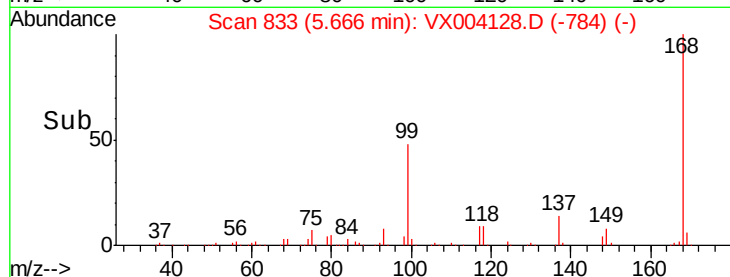
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.95 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004128.D

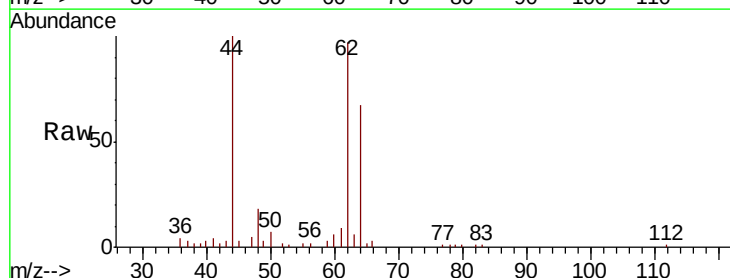
Acq: 17 Aug 2018 13:29

Tgt Ion: 62 Resp: 6424

Ion Ratio Lower Upper

62 100

64 34.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

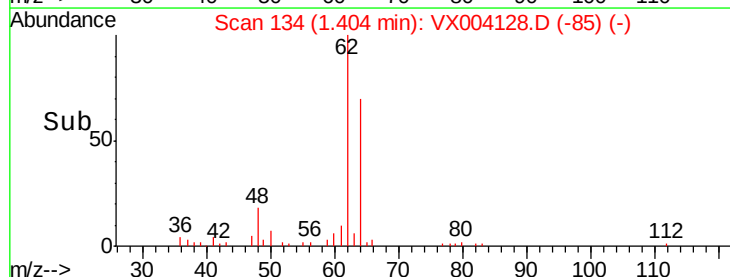
6000

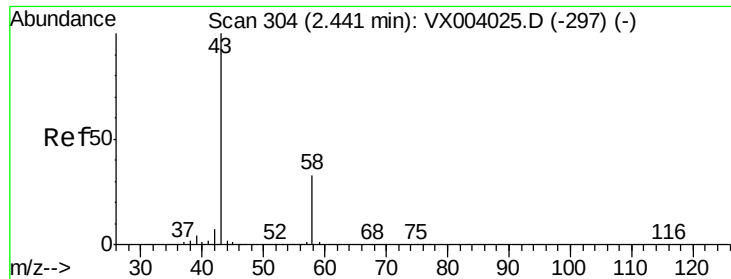
4000

2000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 41.85 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004128.D

Acq: 17 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampled :

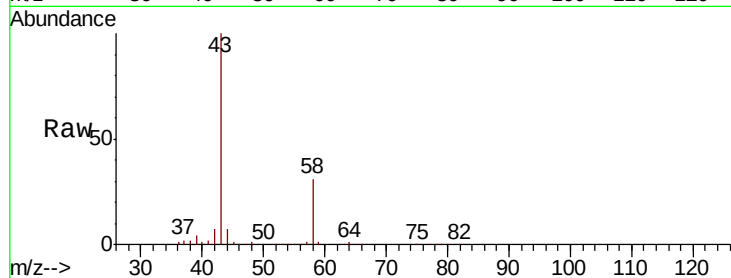
F-8-15-18

Tot Ion: 43 Resp: 78185

Ion Ratio Lower Upper

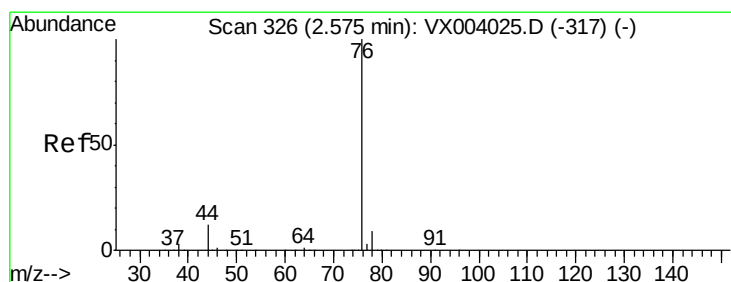
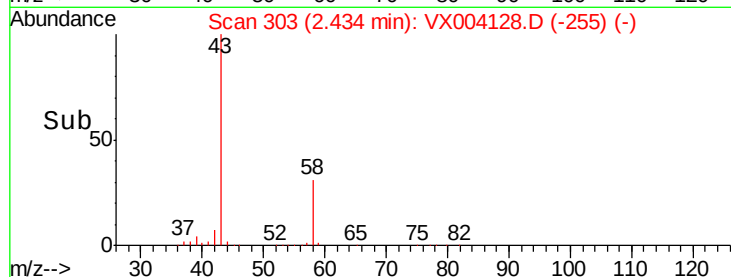
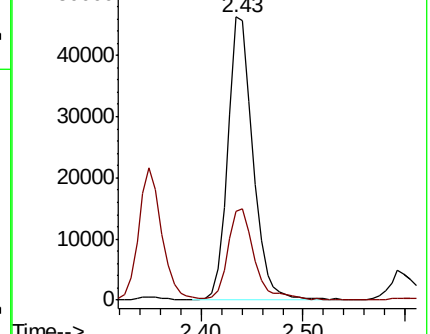
43 100

58 31.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.76 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX004128.D

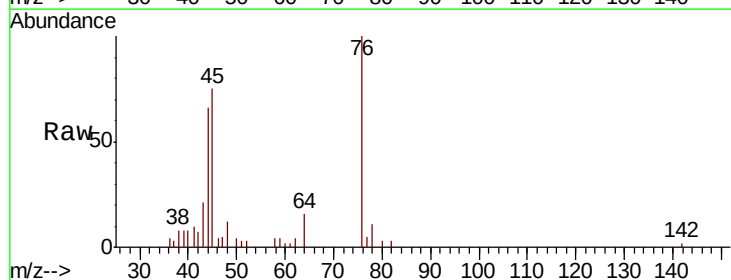
Acq: 17 Aug 2018 13:29

Tgt Ion: 76 Resp: 5807

Ion Ratio Lower Upper

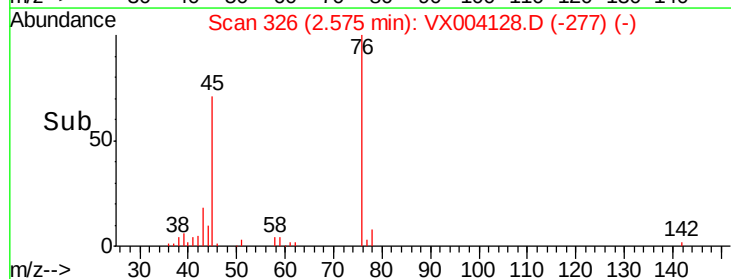
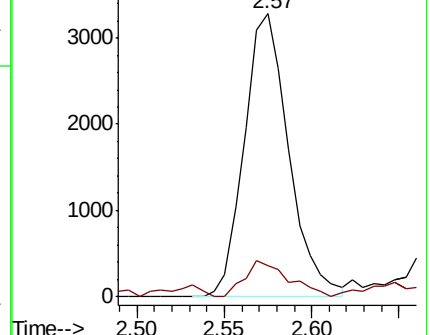
76 100

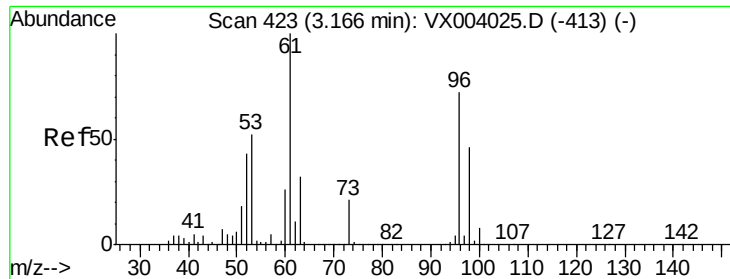
78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.39 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX004128.D

Acq: 17 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampled :

F-8-15-18

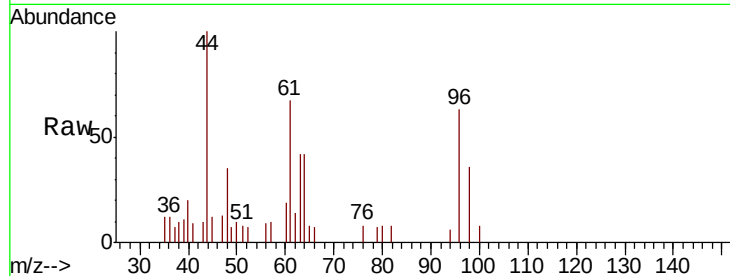
Tot Ion: 96 Resp: 1174

Ion Ratio Lower Upper

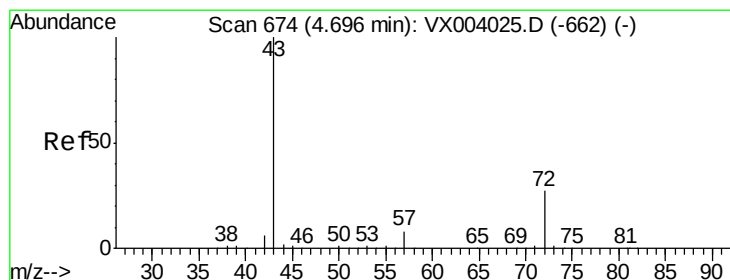
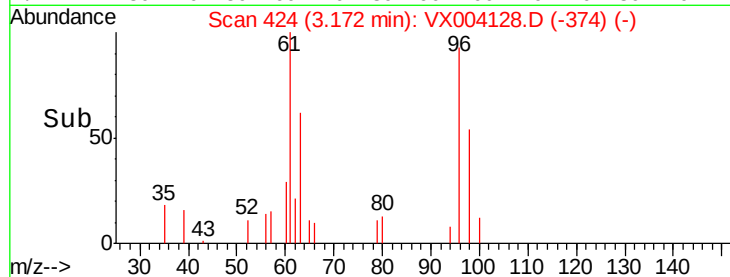
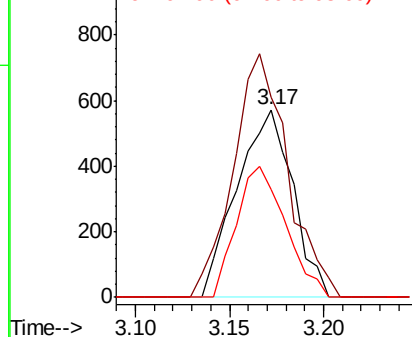
96 100

61 107.0 111.8 167.6#

98 57.8 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 20.07 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004128.D

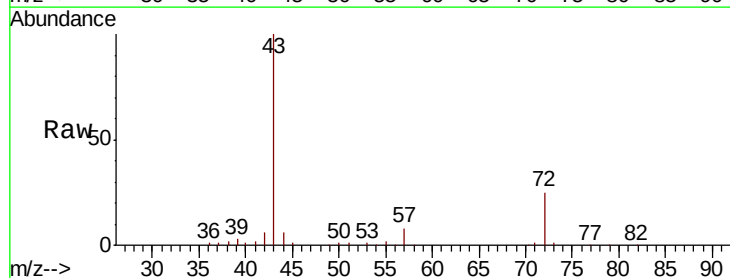
Acq: 17 Aug 2018 13:29

Tgt Ion: 43 Resp: 60995

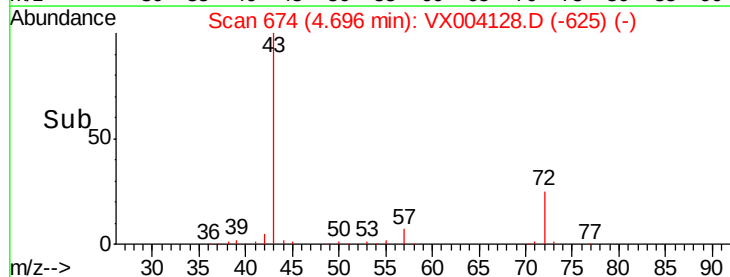
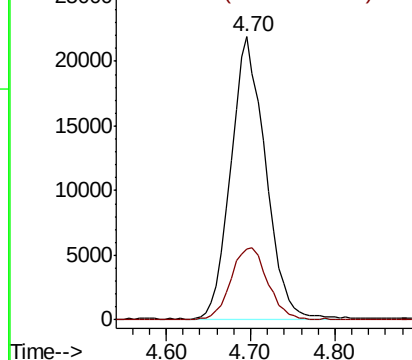
Ion Ratio Lower Upper

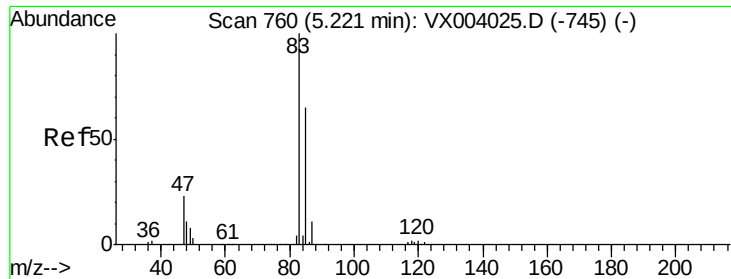
43 100

72 25.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

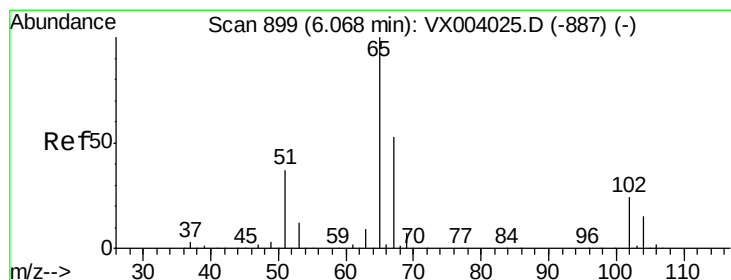
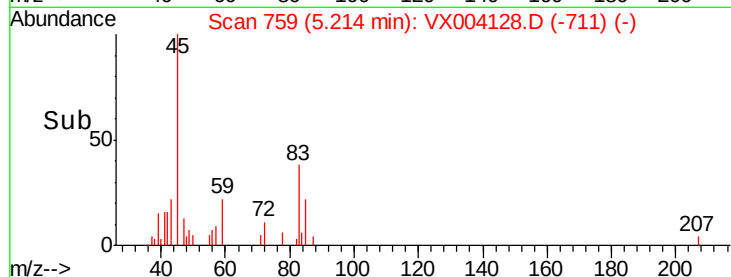
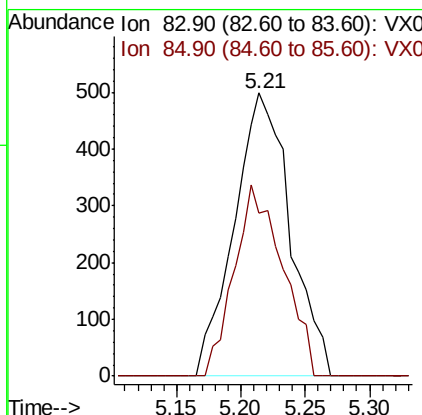
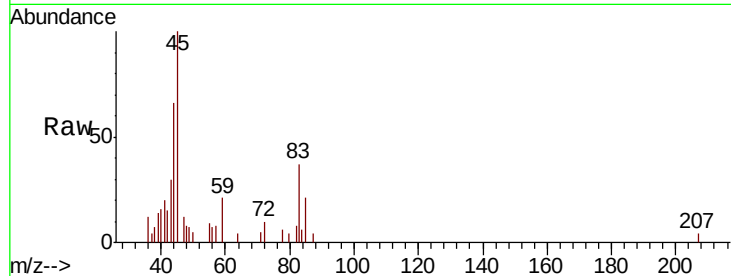




#30
Chloroform
Concen: 0.27 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004128.D
Acq: 17 Aug 2018 13:29

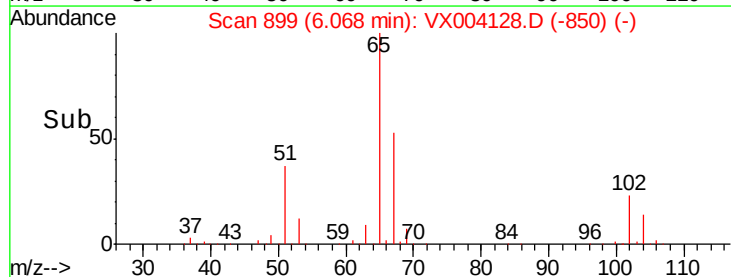
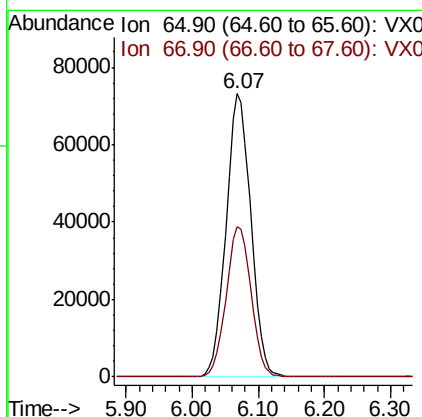
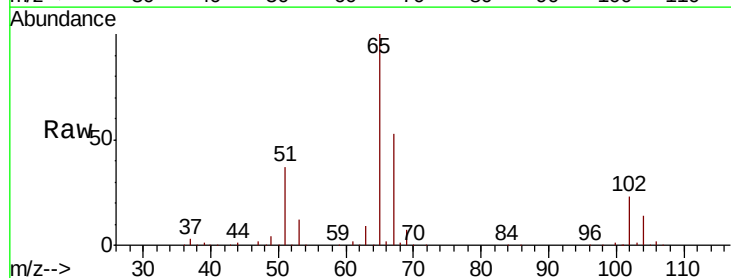
Instrument :
MSVOA_X
ClientSampled :
F-8-15-18

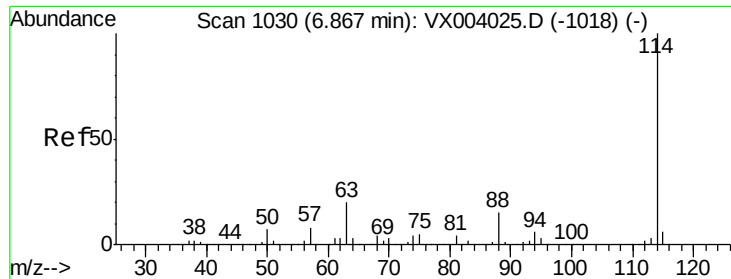
Tot Ion: 83 Resp: 1503
Ion Ratio Lower Upper
83 100
85 57.6 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 52.72 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004128.D
Acq: 17 Aug 2018 13:29

Tgt Ion: 65 Resp: 189443
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX004128.D

Acq: 17 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

F-8-15-18

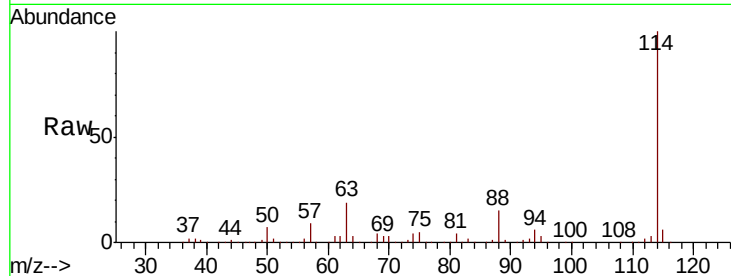
Tot Ion:114 Resp: 395738

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

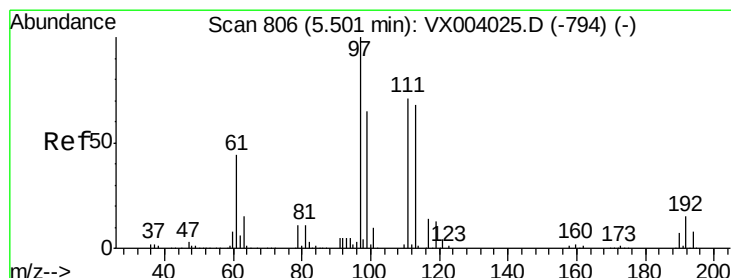
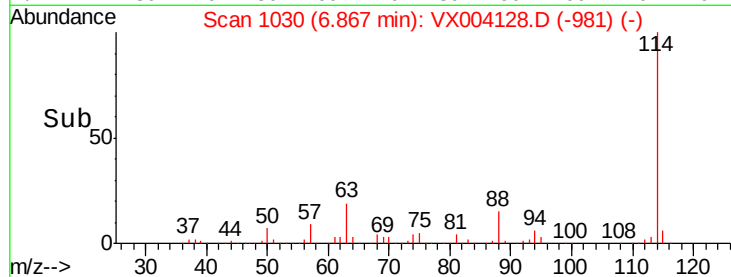
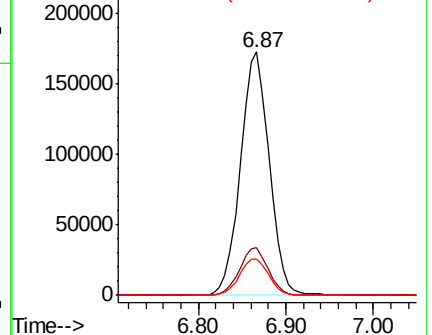
88 15.1 0.0 32.0



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: 53.35 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004128.D

Acq: 17 Aug 2018 13:29

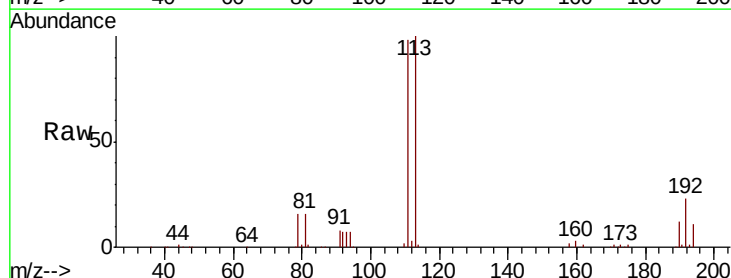
Tgt Ion:113 Resp: 158000

Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

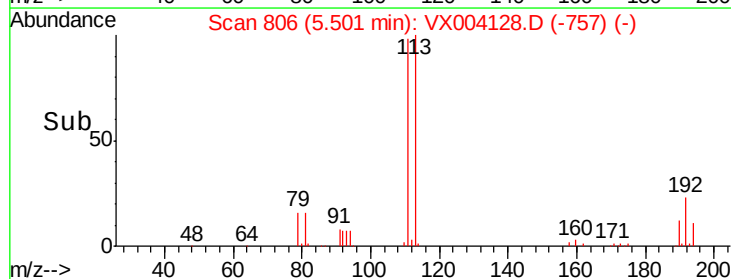
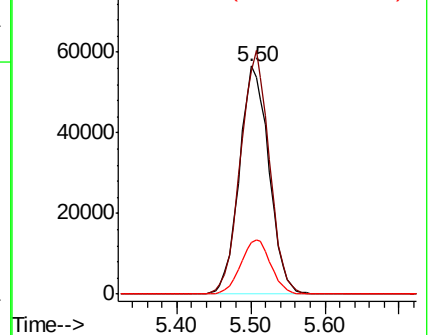
192 24.0 19.0 28.4

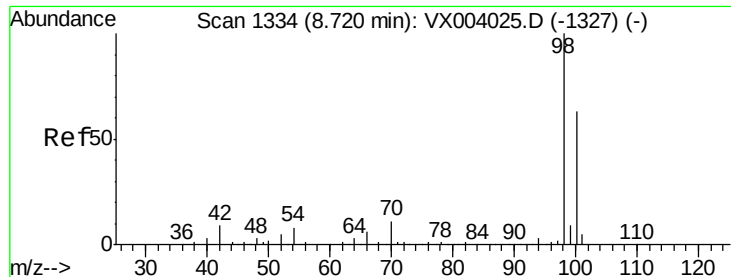


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

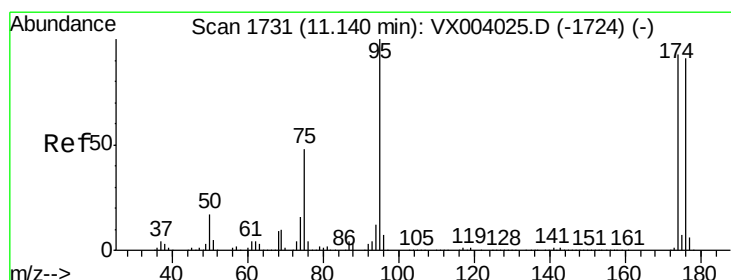
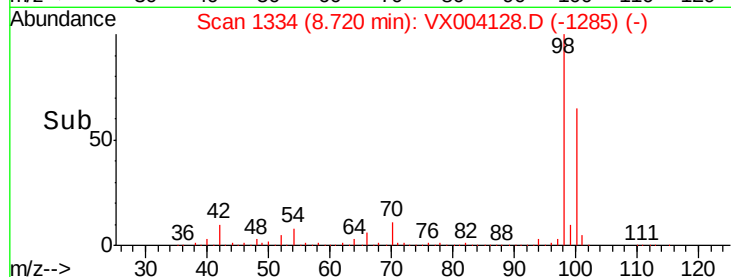
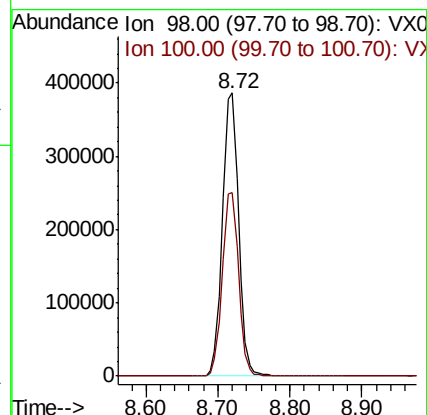
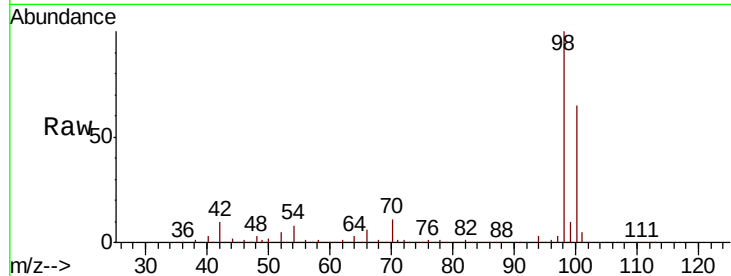




#50
Toluene-d8
Concen: 50.10 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004128.D
Acq: 17 Aug 2018 13:29

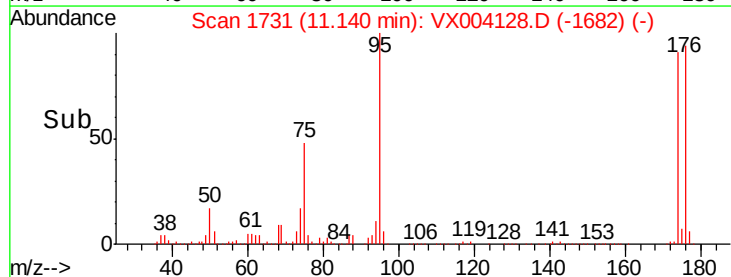
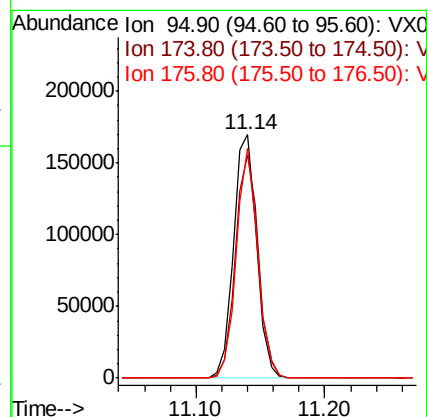
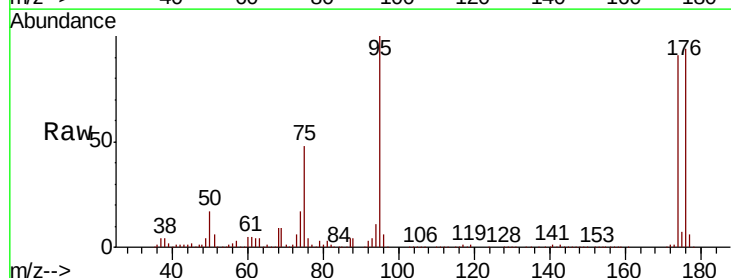
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F-8-15-18

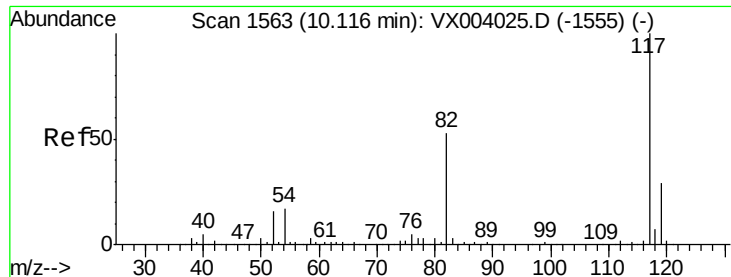
Tot Ion: 98 Resp: 601625
Ion Ratio Lower Upper
98 100
100 65.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 49.36 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004128.D
Acq: 17 Aug 2018 13:29

Tgt Ion: 95 Resp: 214959
Ion Ratio Lower Upper
95 100
174 90.9 0.0 182.8
176 87.4 0.0 179.0

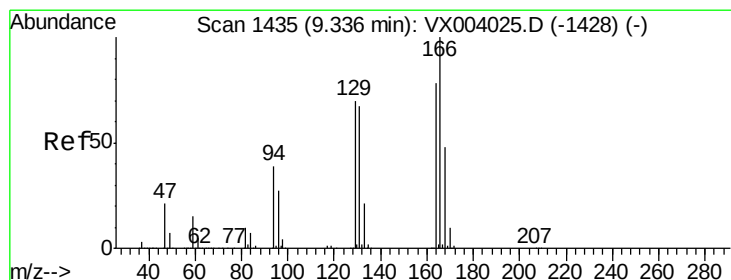
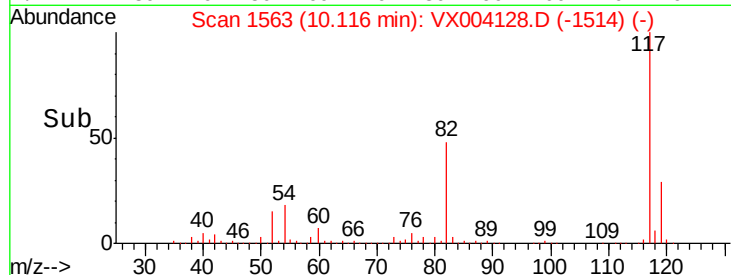
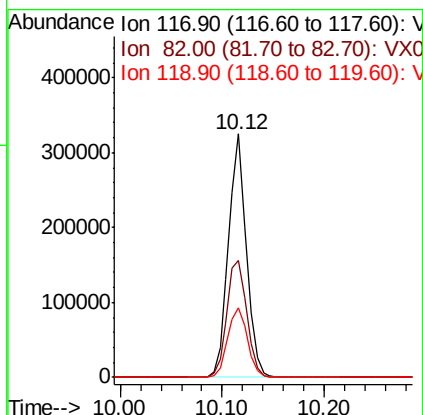
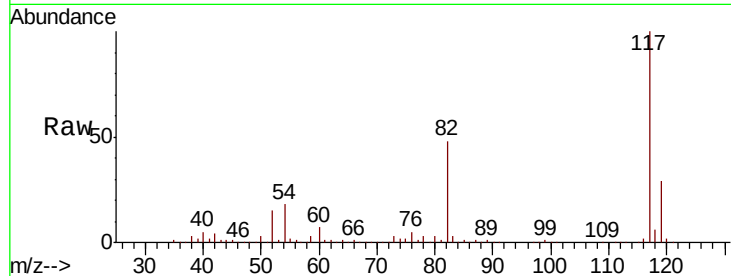




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004128.D
Acq: 17 Aug 2018 13:29

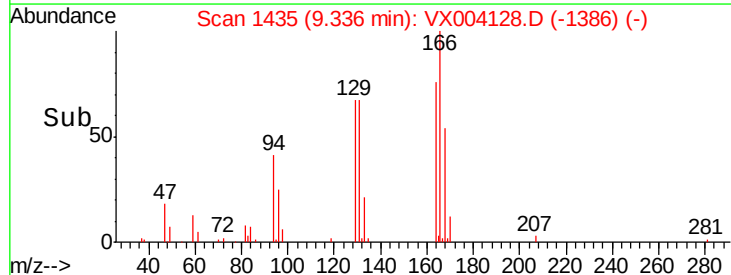
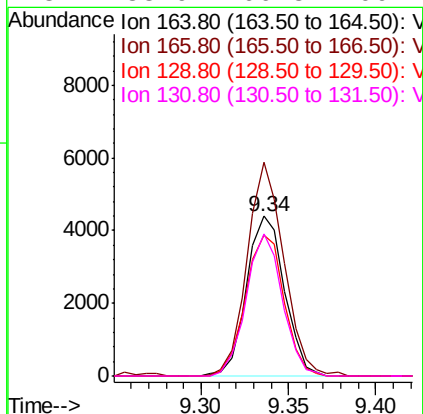
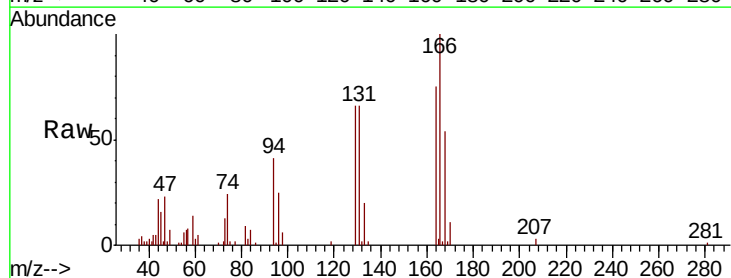
Instrument :
MSVOA_X
ClientSampled :
F-8-15-18

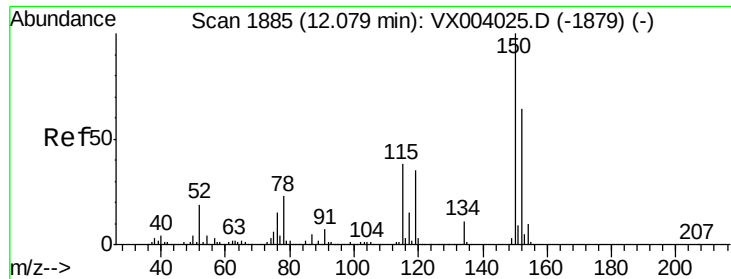
Tot Ion:117 Resp: 393864
Ion Ratio Lower Upper
117 100
82 47.8 45.4 68.0
119 28.7 26.6 40.0



#64
Tetrachloroethene
Concen: 1.78 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004128.D
Acq: 17 Aug 2018 13:29

Tgt Ion:164 Resp: 6657
Ion Ratio Lower Upper
164 100
166 133.8 98.0 147.0
129 88.0 64.3 96.5
131 88.9 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004128.D

Acq: 17 Aug 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

F-8-15-18

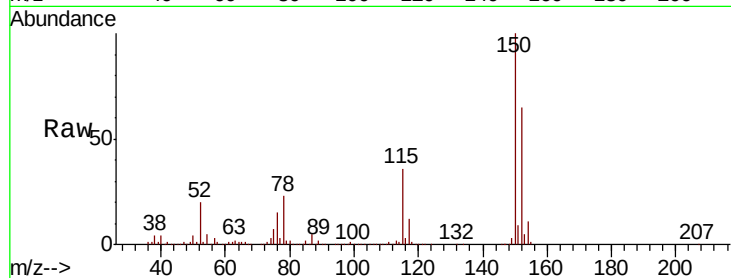
Tot Ion:152 Resp: 220431

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.3

150 155.4 0.0 349.2



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

