

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
 Data File : VX015804.D
 Acq On : 21 Apr 2020 18:55
 Operator : JC/SP
 Sample : L2332-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4

Quant Time: Apr 22 06:27:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

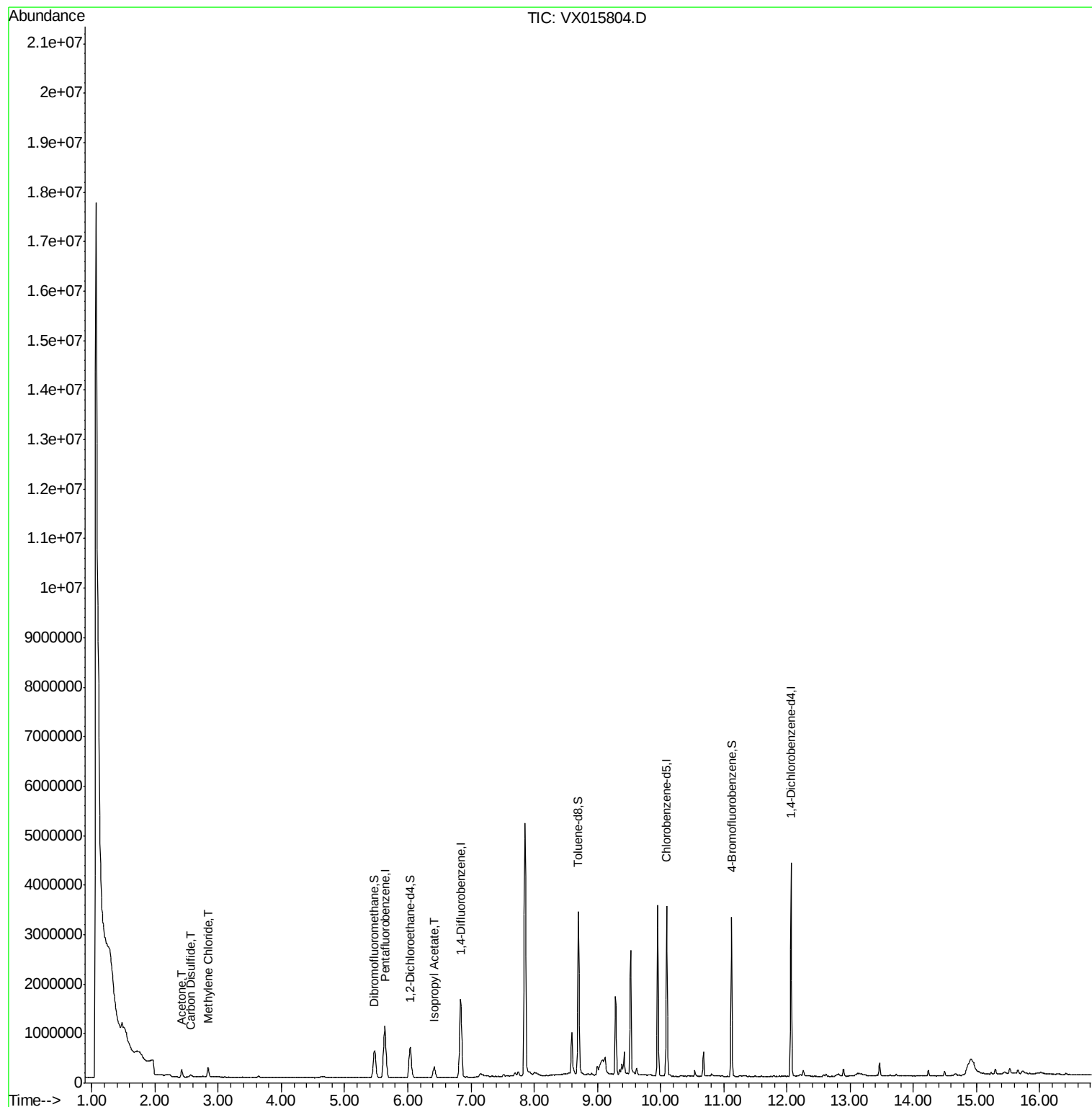
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1038848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1625079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1571166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	902568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	591280	40.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.72%	
35) Dibromofluoromethane	5.48	113	474644	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
50) Toluene-d8	8.70	98	1959246	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.12	95	831306	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
Target Compounds						
16) Acetone	2.42	43	193081	30.673	ug/l	93
17) Carbon Disulfide	2.56	76	60687	2.028	ug/l	100
20) Methylene Chloride	2.84	84	80407	6.839	ug/l	94
43) Isopropyl Acetate	6.42	43	320967	9.752	ug/l	98

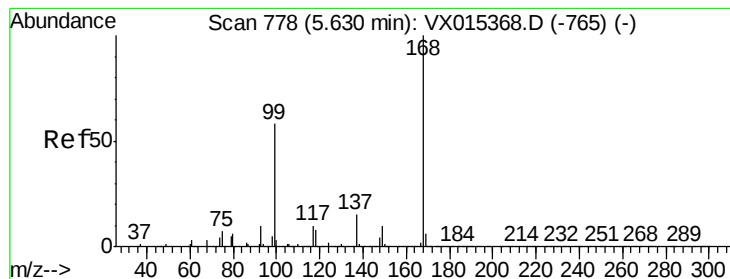
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015804.D

Acq: 21 Apr 2020 18:55

Instrument :

MSVOA_X

ClientSampled :

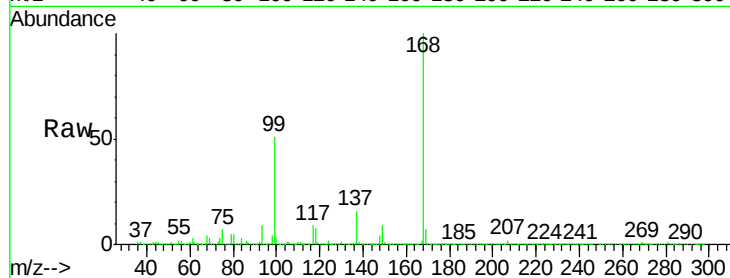
TP-4

Tot Ion:168 Resp: 1038848

Ion Ratio Lower Upper

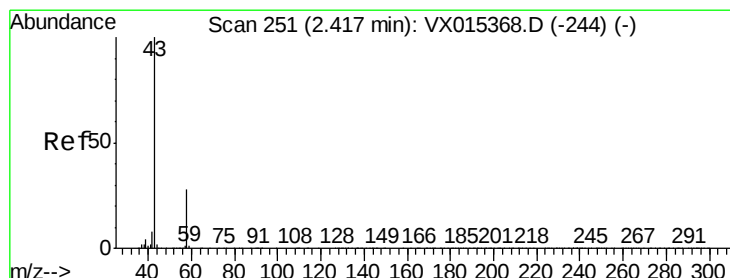
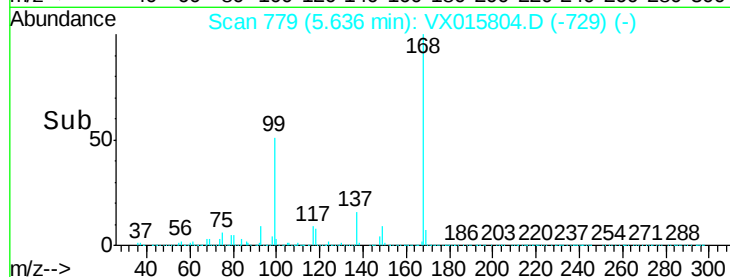
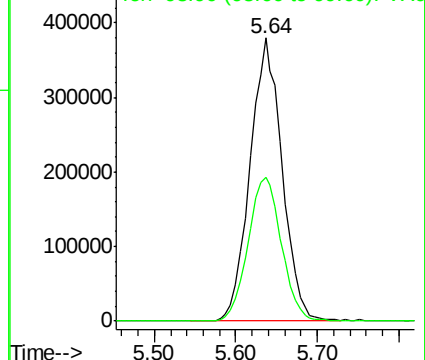
168 100

99 51.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 30.673 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015804.D

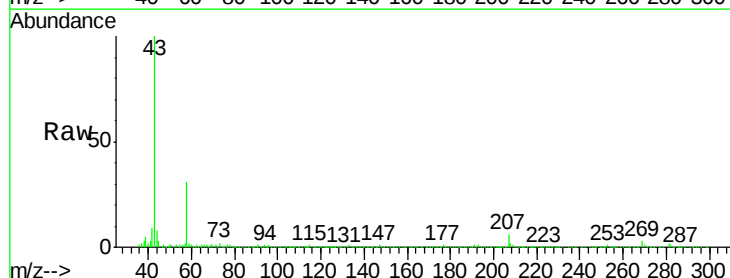
Acq: 21 Apr 2020 18:55

Tgt Ion: 43 Resp: 193081

Ion Ratio Lower Upper

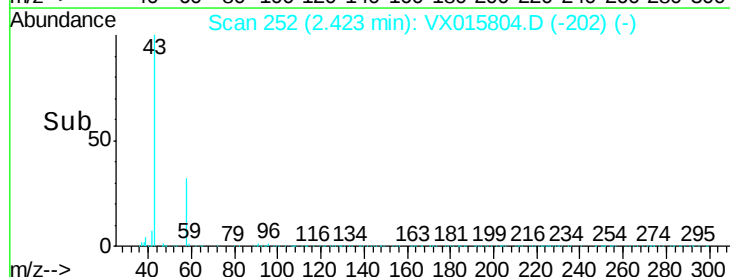
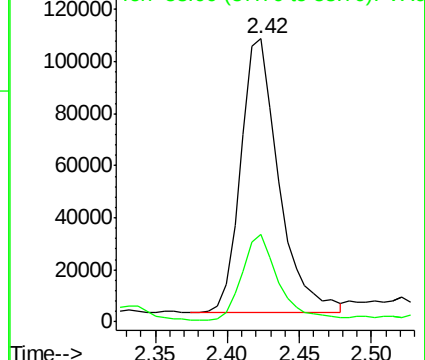
43 100

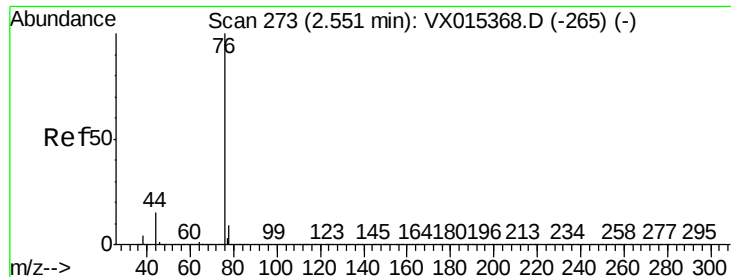
58 31.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

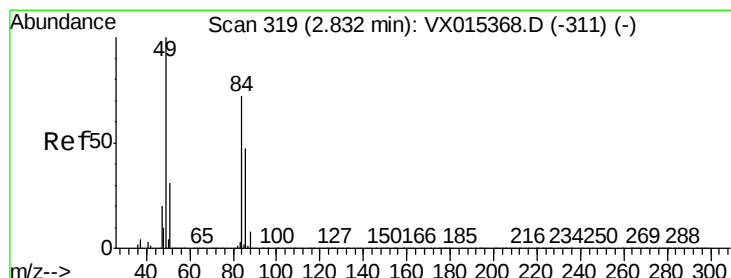
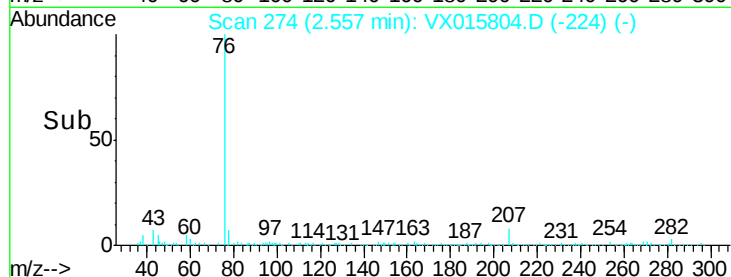
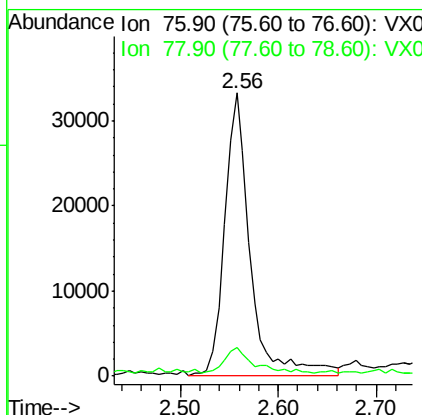
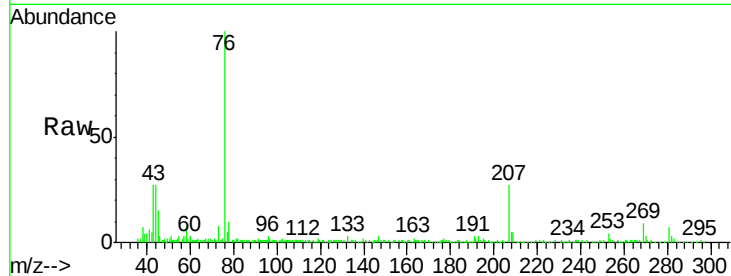




#17
Carbon Disulfide
Concen: 2.028 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX015804.D
Acq: 21 Apr 2020 18:55

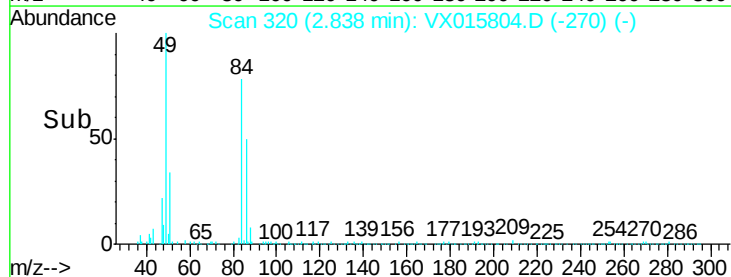
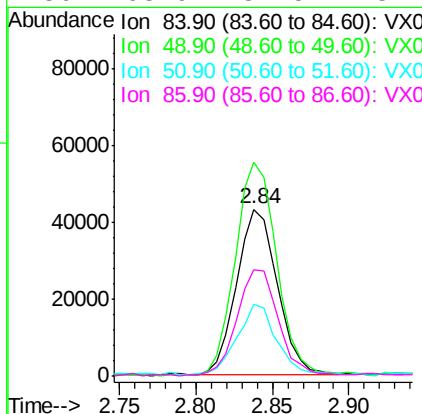
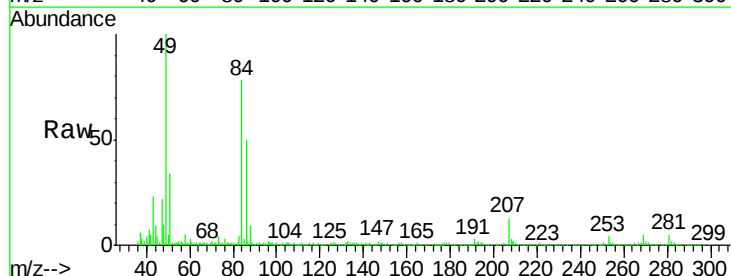
Instrument :
MSVOA_X
ClientSampleId :
TP-4

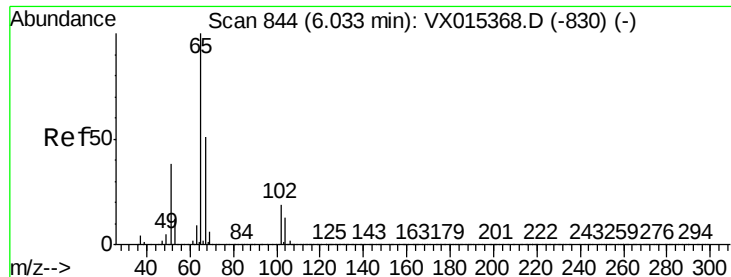
Tot Ion: 76 Resp: 60687
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#20
Methylene Chloride
Concen: 6.839 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015804.D
Acq: 21 Apr 2020 18:55

Tgt Ion: 84 Resp: 80407
Ion Ratio Lower Upper
84 100
49 127.5 111.3 166.9
51 42.1 34.0 51.0
86 63.9 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 40.355 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015804.D

Acq: 21 Apr 2020 18:55

Instrument :

MSVOA_X

ClientSampled :

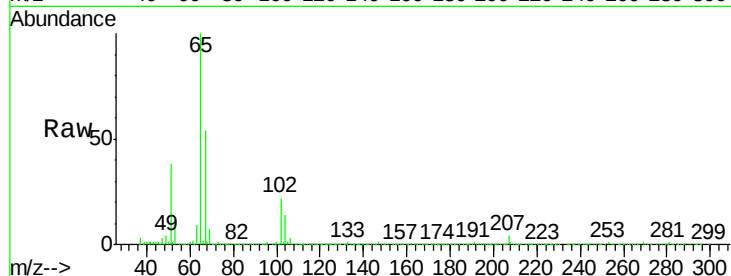
TP-4

Tot Ion: 65 Resp: 591280

Ion Ratio Lower Upper

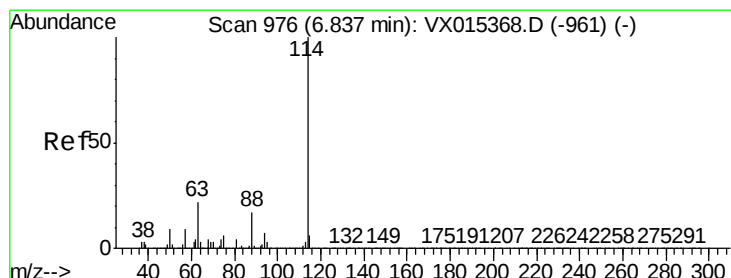
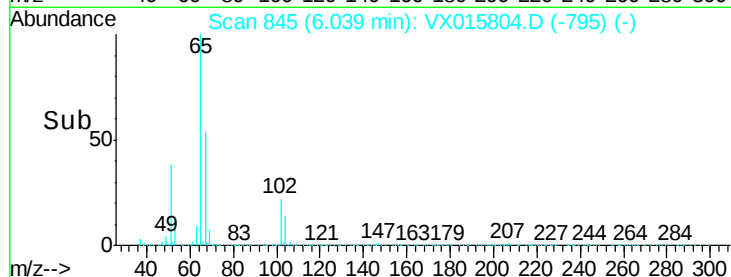
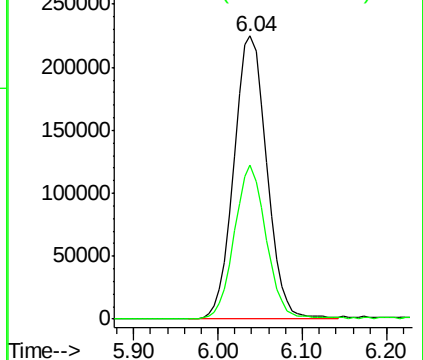
65 100

67 52.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015804.D

Acq: 21 Apr 2020 18:55

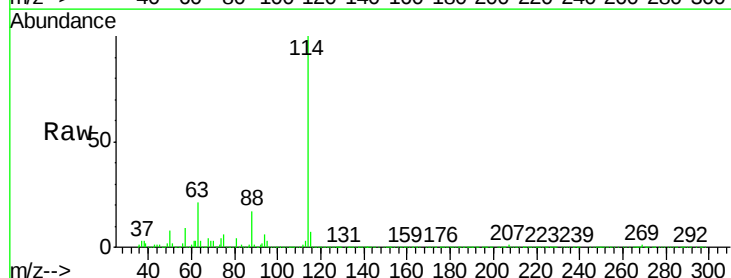
Tgt Ion: 114 Resp: 1625079

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.2

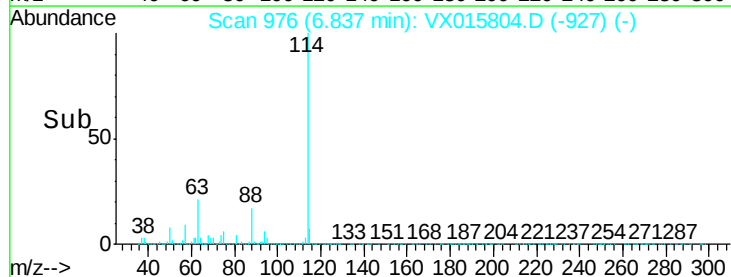
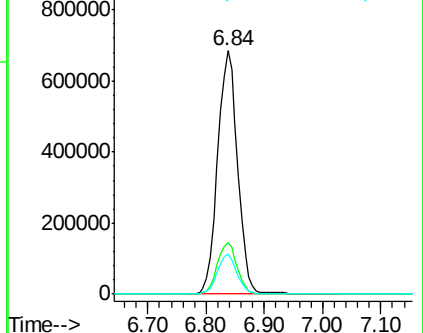
88 16.7 0.0 33.8

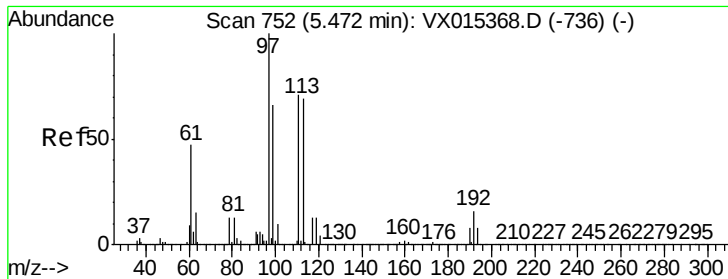


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

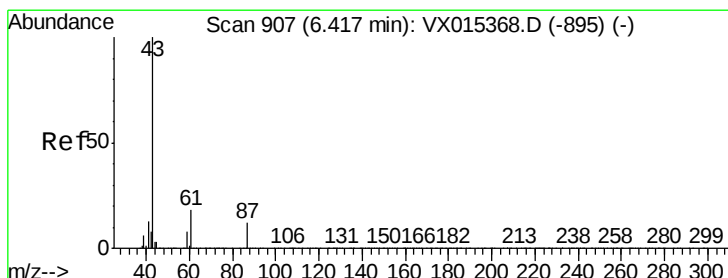
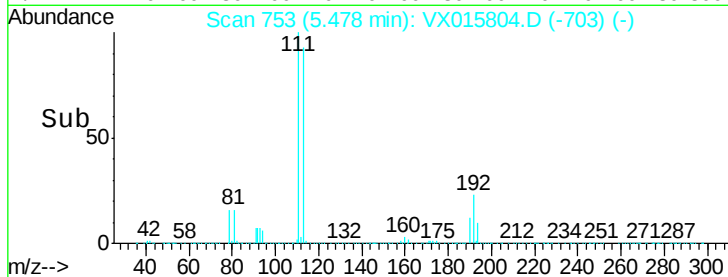
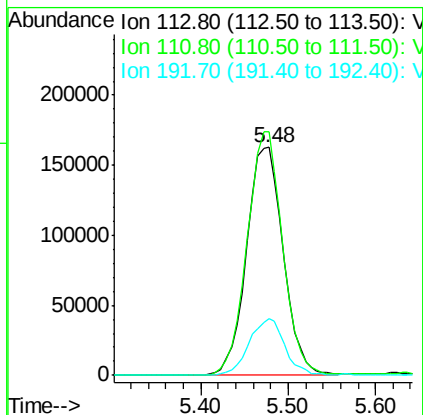
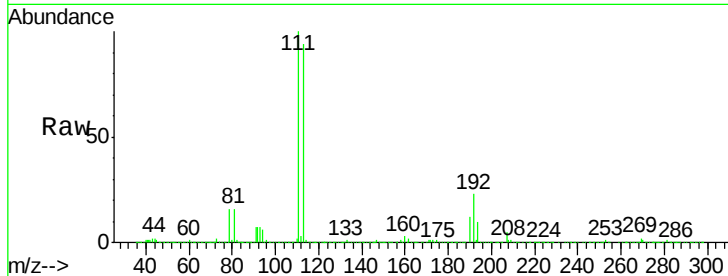




#35
 Dibromofluoromethane
 Concen: 45.692 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: VX015804.D
 Acq: 21 Apr 2020 18:55

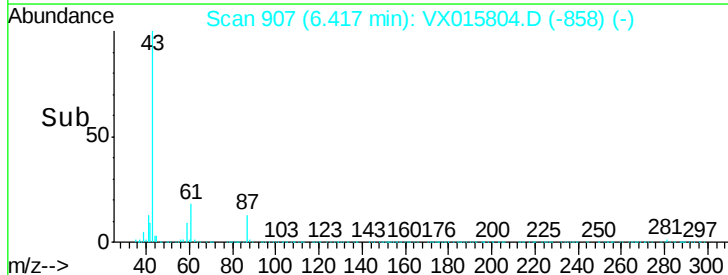
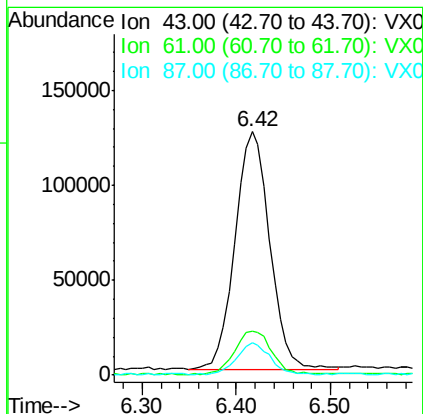
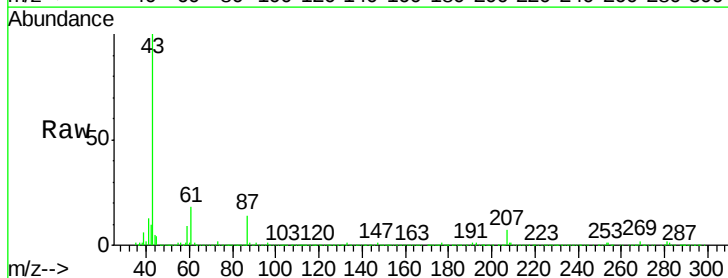
Instrument :
 MSVOA_X
 ClientSampled :
 TP-4

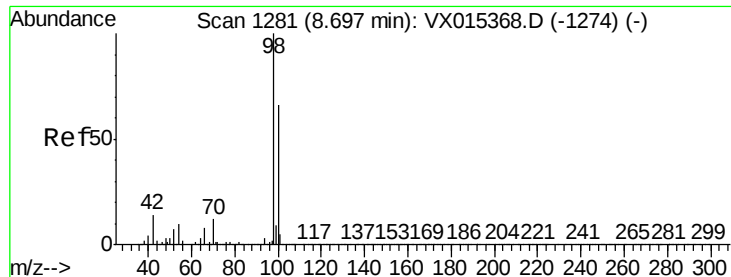
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.5	122.3
192	24.2	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 9.752 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015804.D
 Acq: 21 Apr 2020 18:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.8	22.2
87	12.4	9.4	14.0





#50

Toluene-d8

Concen: 51.228 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015804.D

Acq: 21 Apr 2020 18:55

Instrument :

MSVOA_X

ClientSampled :

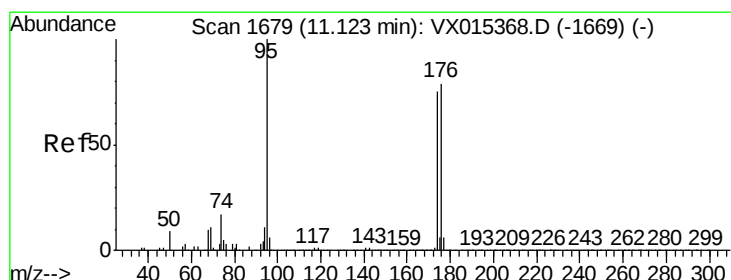
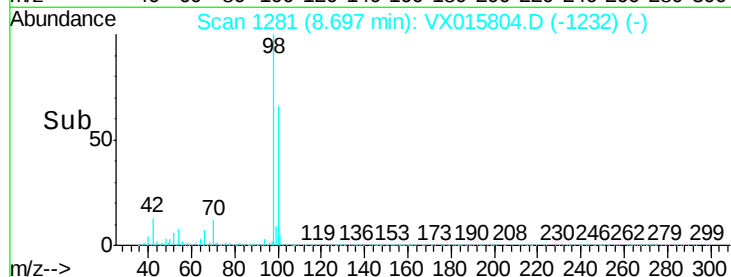
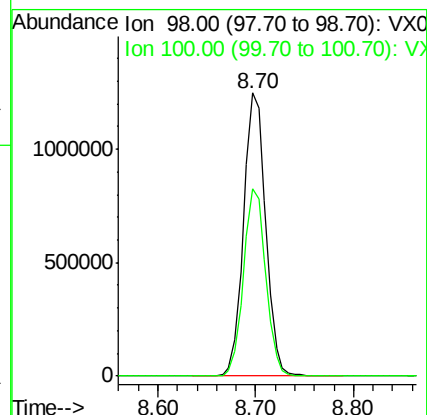
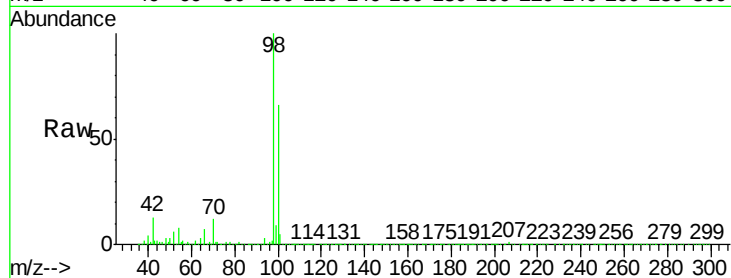
TP-4

Tot Ion: 98 Resp: 1959246

Ion Ratio Lower Upper

98 100

100 66.4 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 53.484 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015804.D

Acq: 21 Apr 2020 18:55

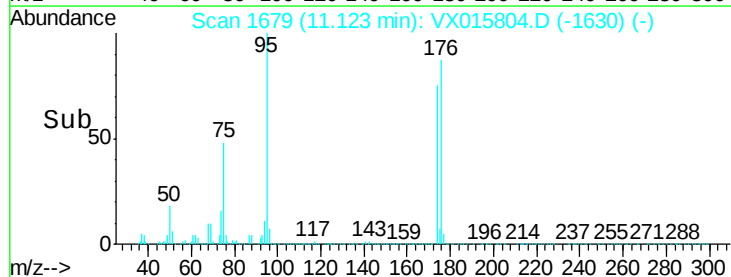
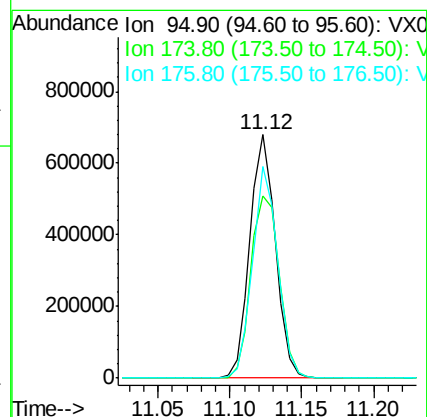
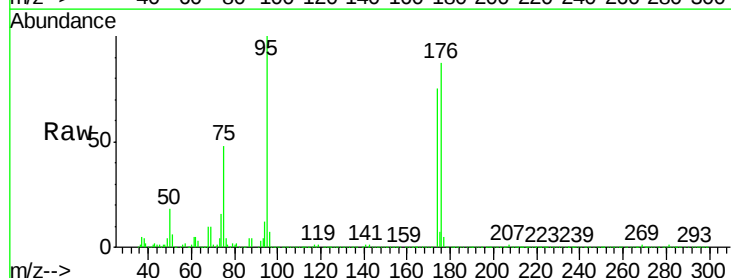
Tgt Ion: 95 Resp: 831306

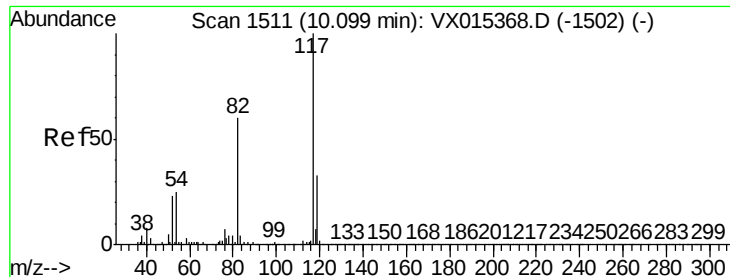
Ion Ratio Lower Upper

95 100

174 83.2 0.0 158.6

176 85.4 0.0 159.0

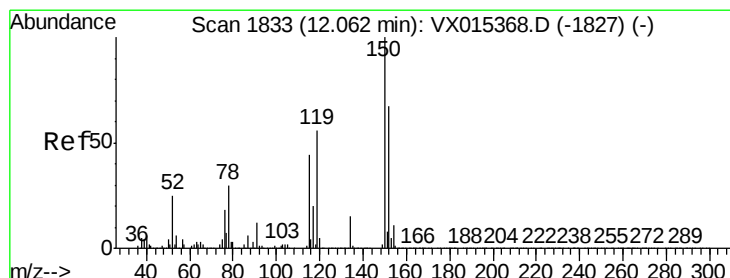
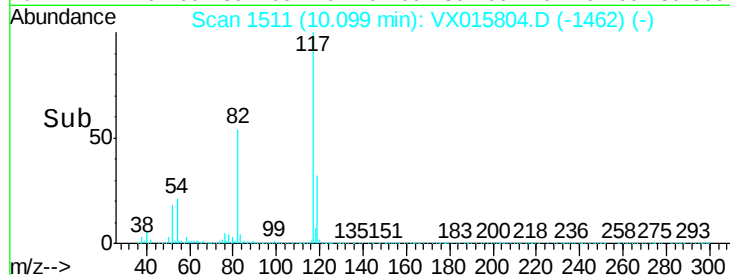
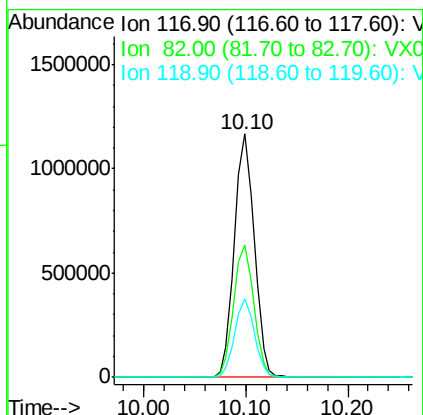
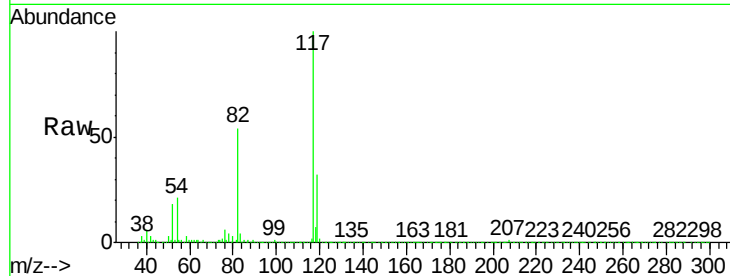




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015804.D
Acq: 21 Apr 2020 18:55

Instrument :
MSVOA_X
ClientSampled :
TP-4

Tot Ion:117 Resp: 1571166
Ion Ratio Lower Upper
117 100
82 54.5 47.8 71.8
119 32.0 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015804.D
Acq: 21 Apr 2020 18:55

Tgt Ion:152 Resp: 902568
Ion Ratio Lower Upper
152 100
115 56.3 39.0 116.9
150 153.6 0.0 340.8

