

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
 Data File : VX015800.D
 Acq On : 21 Apr 2020 17:24
 Operator : JC/SP
 Sample : L2327-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-S

Quant Time: Apr 22 06:18:40 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

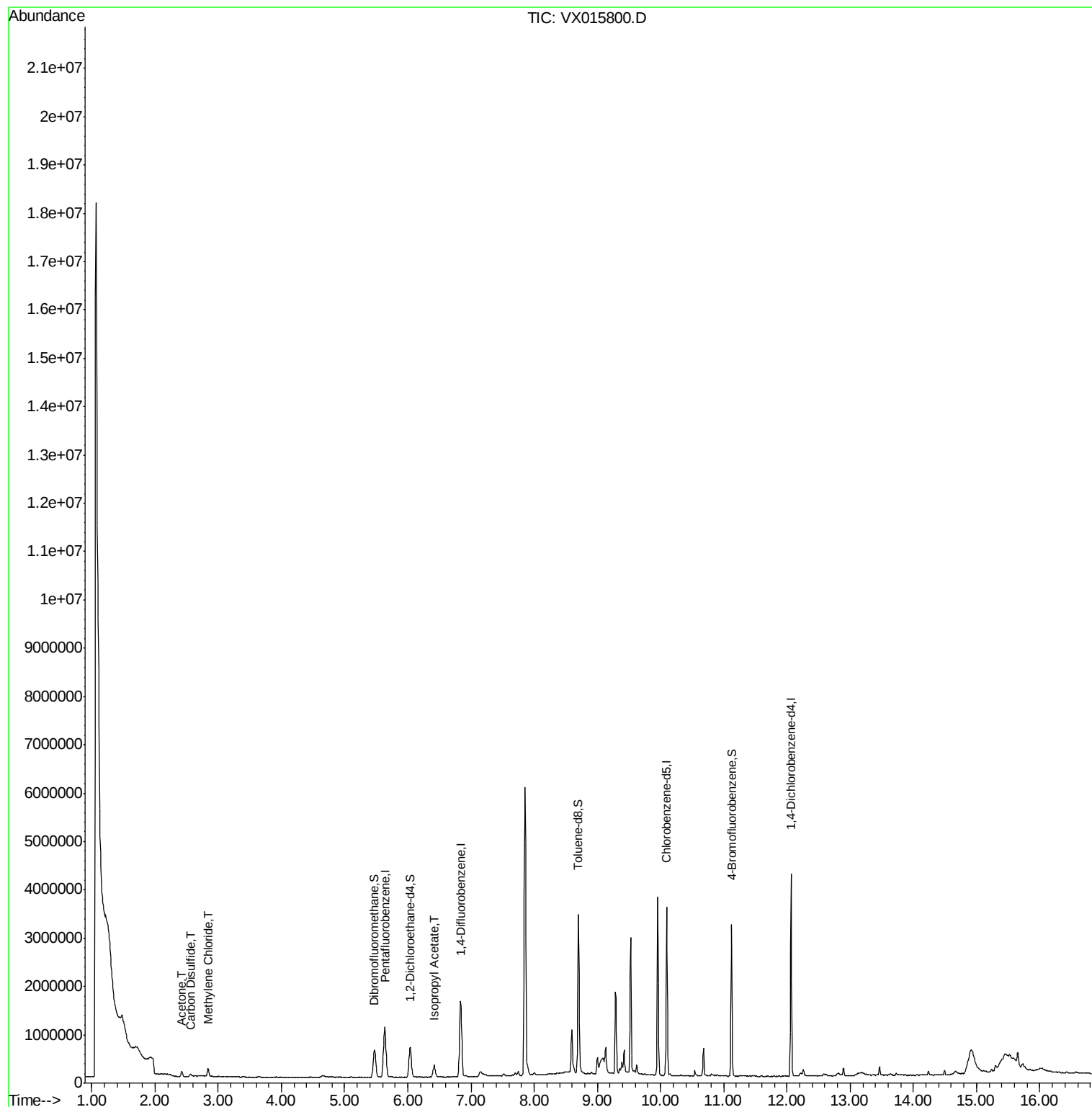
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1054164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1628724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1574786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	897431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	595130	40.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.06%	
35) Dibromofluoromethane	5.47	113	483980	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
50) Toluene-d8	8.70	98	1939336	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.12	95	834474	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
Target Compounds						
16) Acetone	2.42	43	152258	23.837	ug/l	95
17) Carbon Disulfide	2.56	76	87794	2.892	ug/l	99
20) Methylene Chloride	2.84	84	68147	5.712	ug/l	96
43) Isopropyl Acetate	6.42	43	357021	10.824	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015800.D

Acq: 21 Apr 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

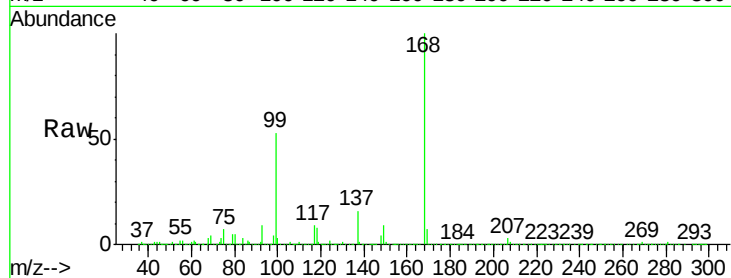
TP-3-S

Tot Ion:168 Resp: 1054164

Ion Ratio Lower Upper

168 100

99 53.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

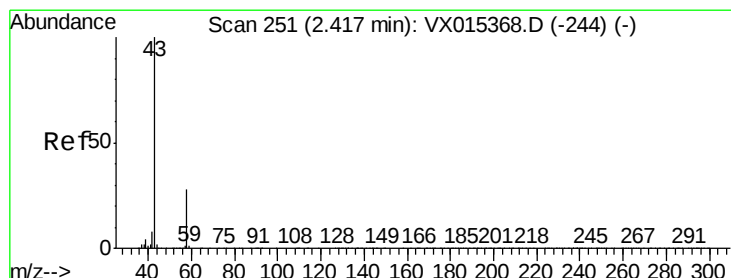
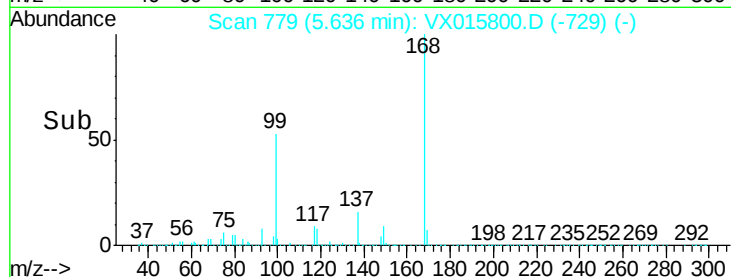
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 23.837 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015800.D

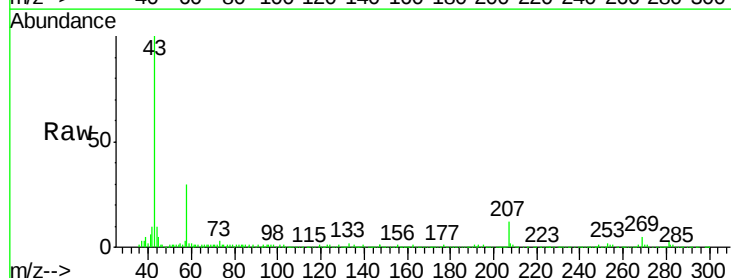
Acq: 21 Apr 2020 17:24

Tgt Ion: 43 Resp: 152258

Ion Ratio Lower Upper

43 100

58 30.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

100000

80000

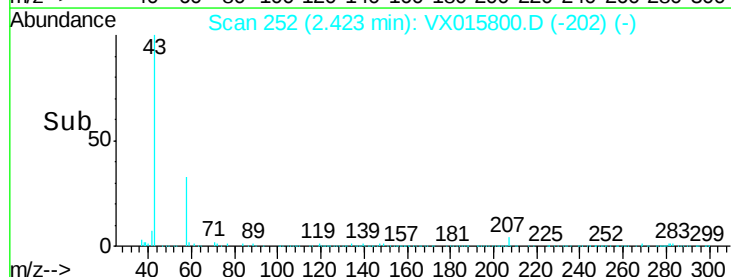
60000

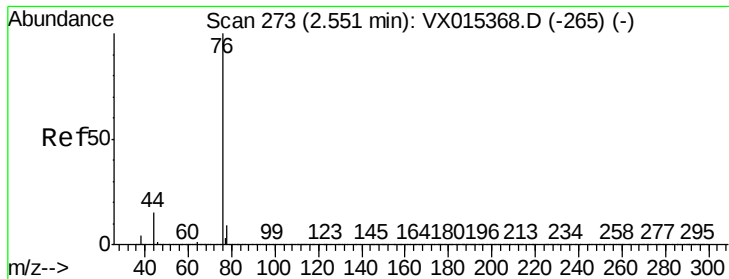
40000

20000

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Time-->

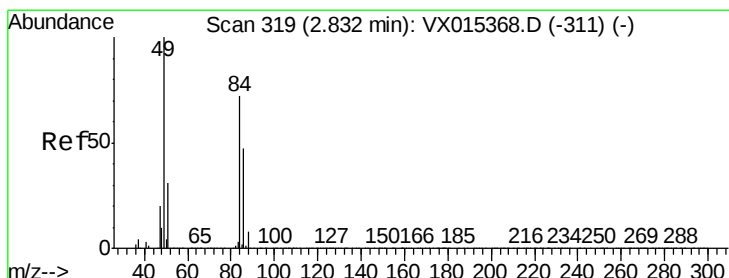
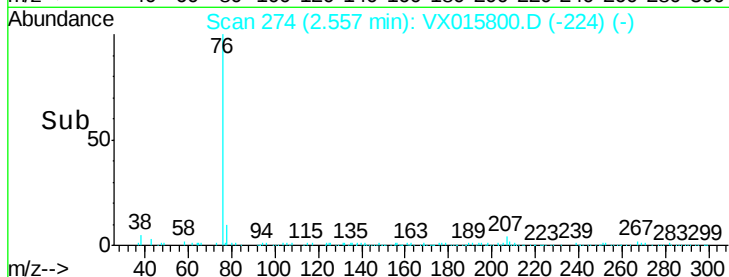
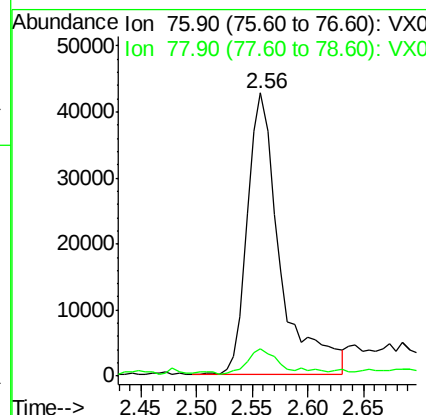
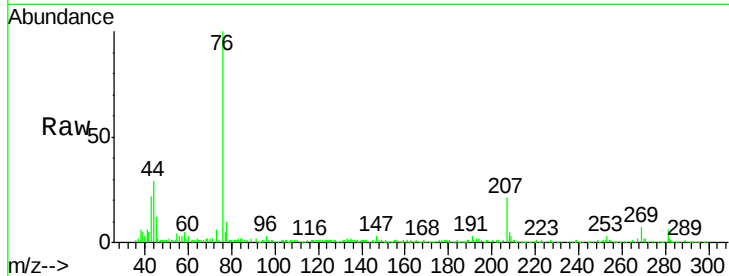




#17
Carbon Disulfide
Concen: 2.892 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX015800.D
Acq: 21 Apr 2020 17:24

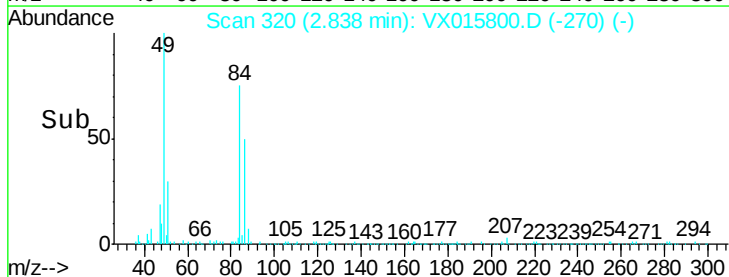
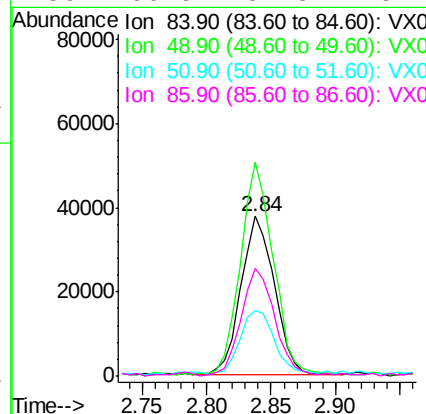
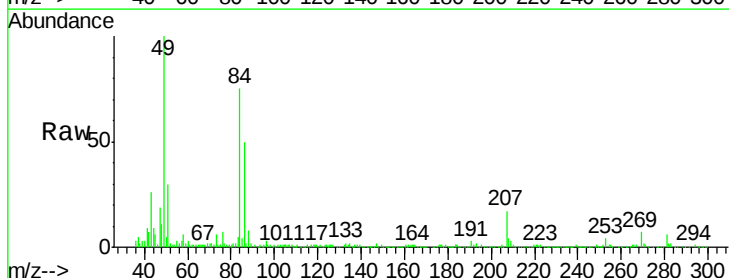
Instrument :
MSVOA_X
ClientSampleId :
TP-3-S

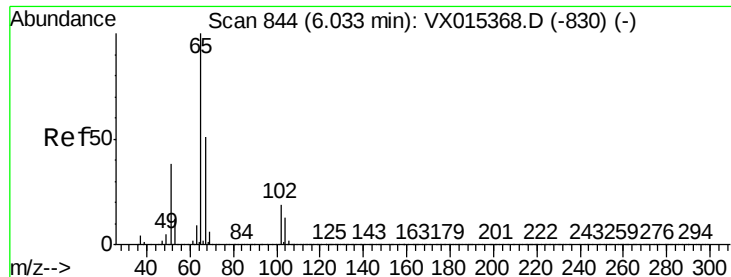
Tot Ion: 76 Resp: 87794
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7



#20
Methylene Chloride
Concen: 5.712 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015800.D
Acq: 21 Apr 2020 17:24

Tgt Ion: 84 Resp: 68147
Ion Ratio Lower Upper
84 100
49 133.6 111.3 166.9
51 38.7 34.0 51.0
86 66.5 52.5 78.7



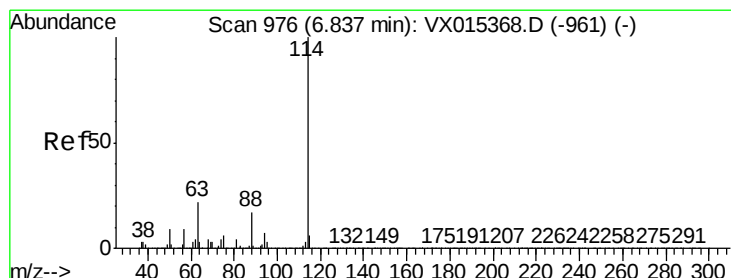
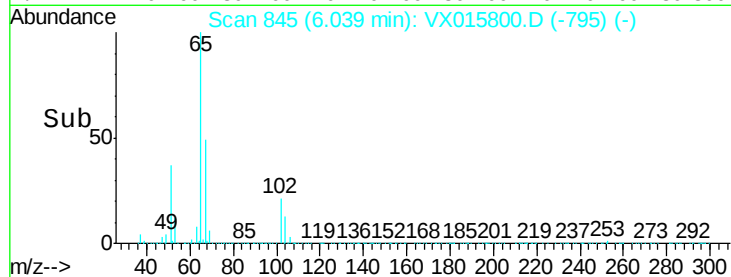
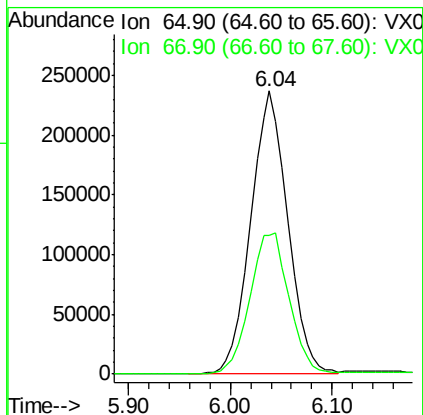
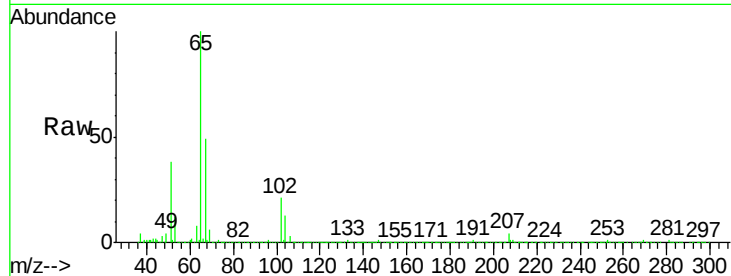


#33

1,2-Dichloroethane-d4
Concen: 40.028 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015800.D
Acq: 21 Apr 2020 17:24

Instrument :
MSVOA_X
ClientSampleId :
TP-3-S

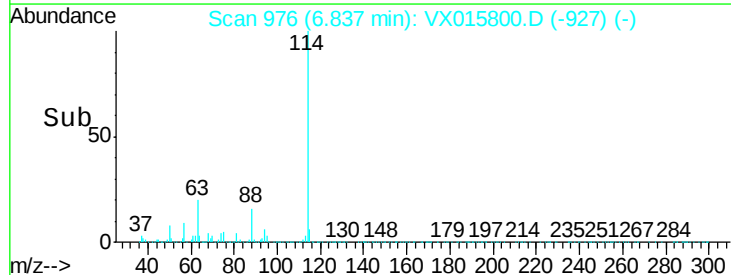
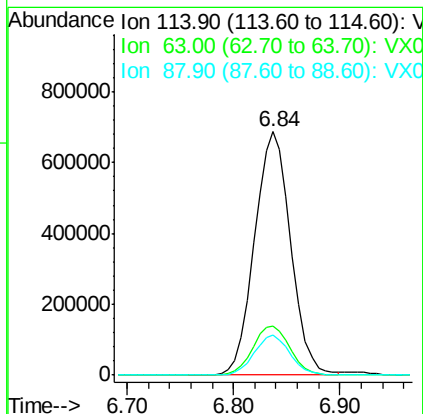
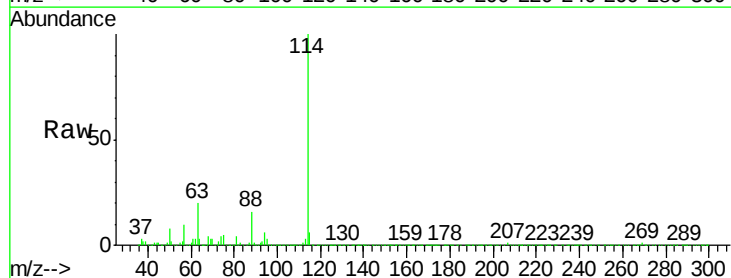
Tot Ion: 65 Resp: 595130
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.6

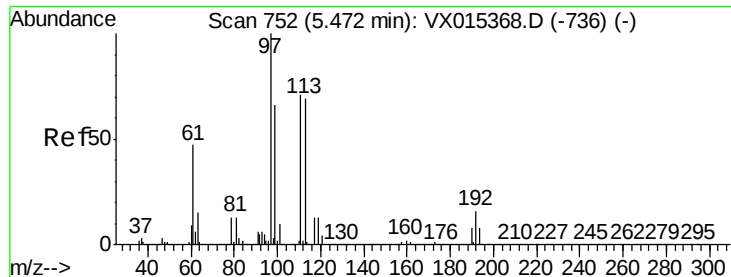


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: VX015800.D
Acq: 21 Apr 2020 17:24

Tgt Ion: 114 Resp: 1628724
Ion Ratio Lower Upper
114 100
63 20.1 0.0 44.2
88 16.2 0.0 33.8

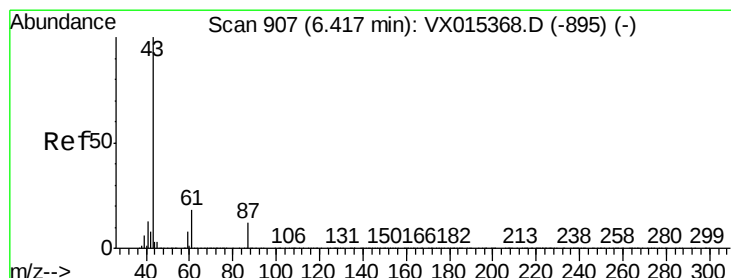
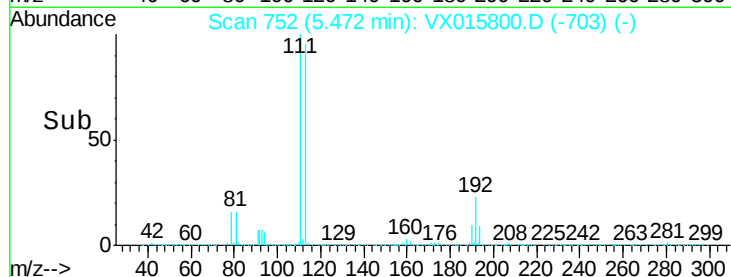
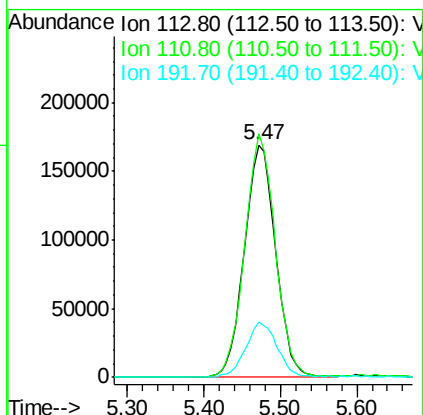
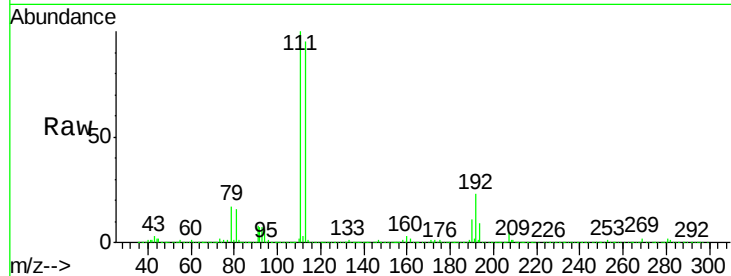




#35
 Dibromofluoromethane
 Concen: 46.486 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015800.D
 Acq: 21 Apr 2020 17:24

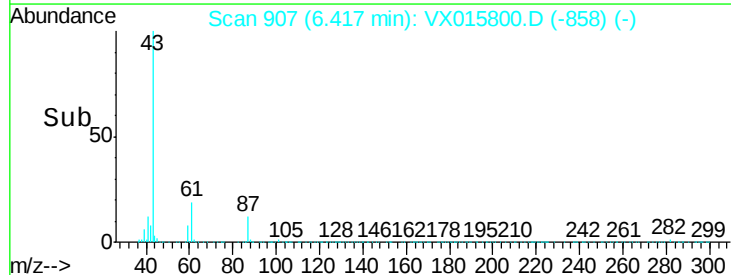
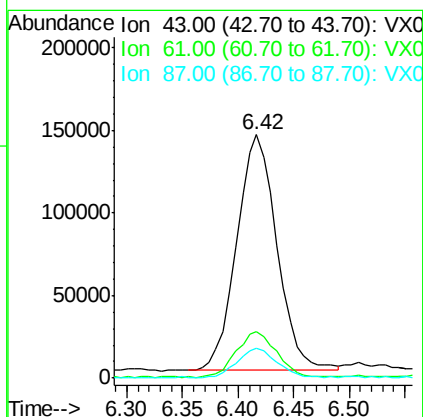
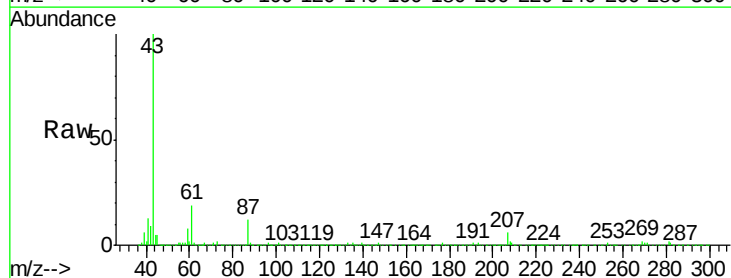
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-S

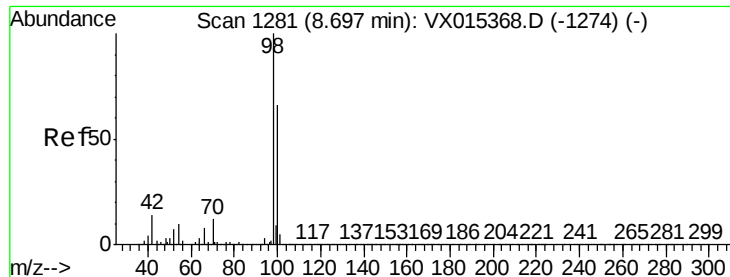
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.5	122.3
192	23.2	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 10.824 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015800.D
 Acq: 21 Apr 2020 17:24

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.8	22.2
87	11.9	9.4	14.0





#50

Toluene-d8

Concen: 50.594 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015800.D

Acq: 21 Apr 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

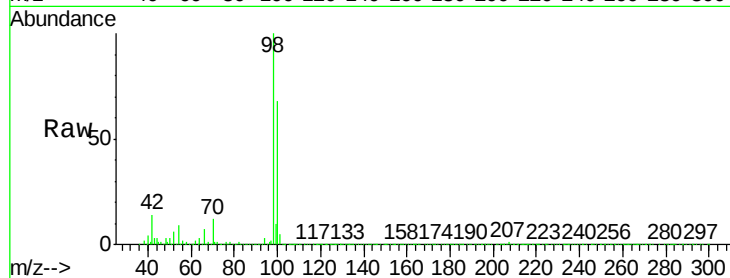
TP-3-S

Tot Ion: 98 Resp: 1939336

Ion Ratio Lower Upper

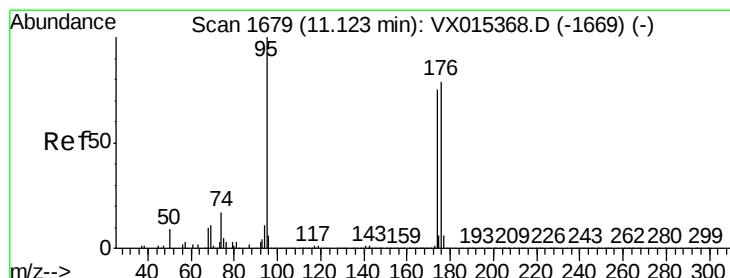
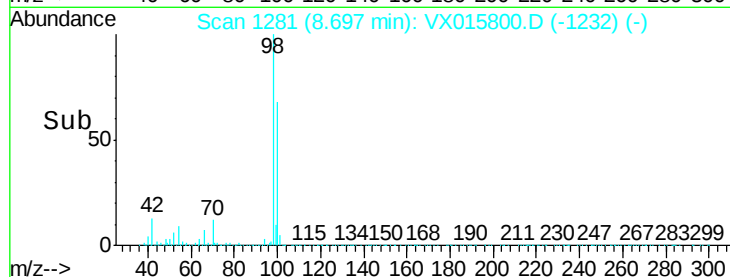
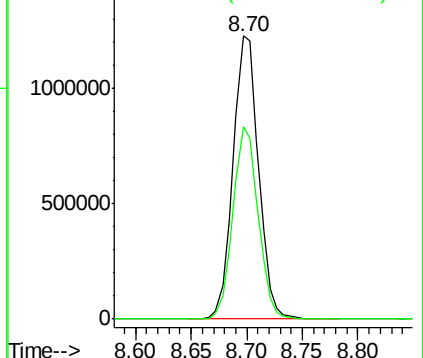
98 100

100 67.4 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.568 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015800.D

Acq: 21 Apr 2020 17:24

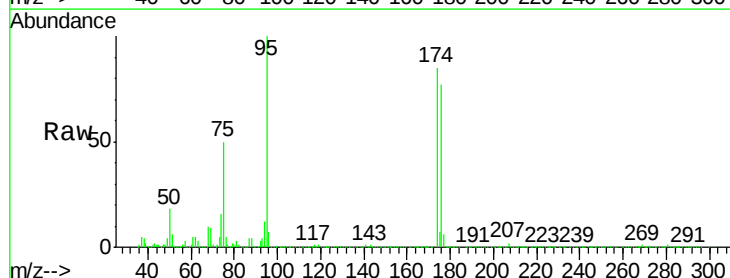
Tgt Ion: 95 Resp: 834474

Ion Ratio Lower Upper

95 100

174 84.5 0.0 158.6

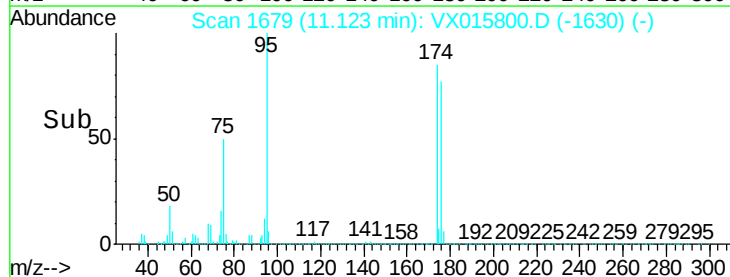
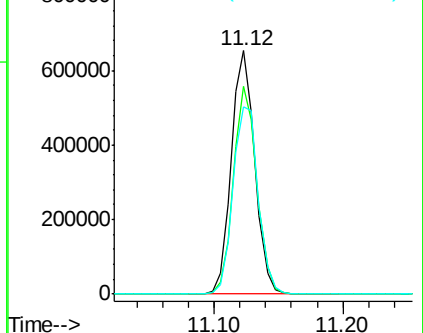
176 82.2 0.0 159.0

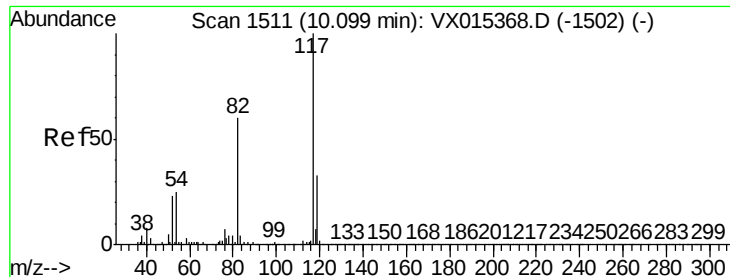


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

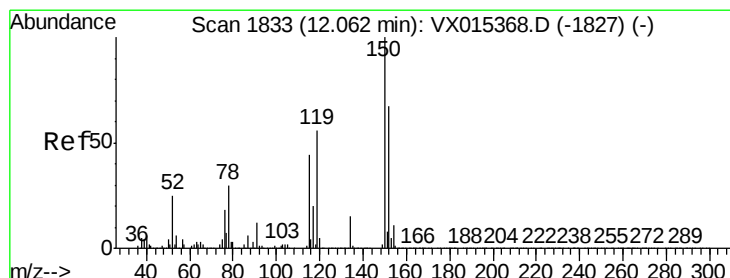
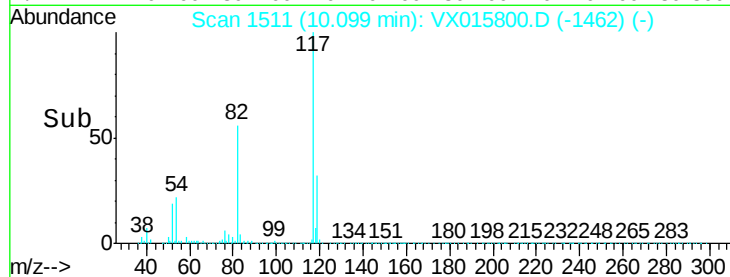
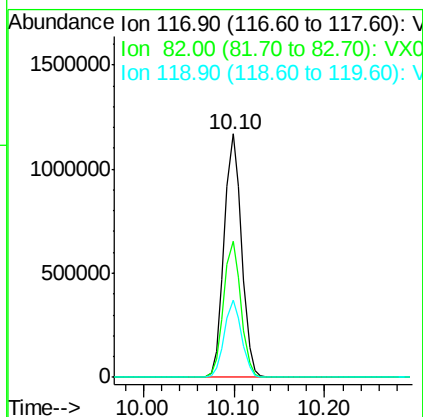
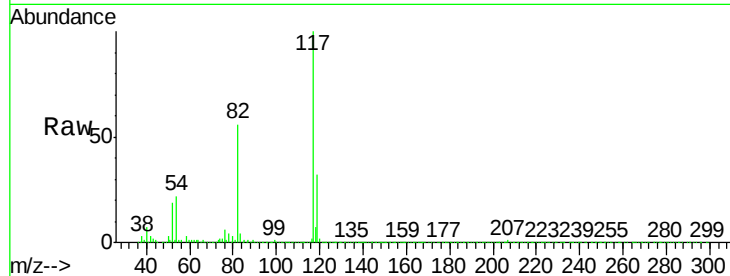




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015800.D
Acq: 21 Apr 2020 17:24

Instrument :
MSVOA_X
ClientSampled :
TP-3-S

Tot Ion:117 Resp: 1574786
Ion Ratio Lower Upper
117 100
82 56.1 47.8 71.8
119 31.8 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: VX015800.D
Acq: 21 Apr 2020 17:24

Tgt Ion:152 Resp: 897431
Ion Ratio Lower Upper
152 100
115 56.7 39.0 116.9
150 152.6 0.0 340.8

