

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015302.D
 Acq On : 16 Mar 2020 18:13
 Operator : JC/SP
 Sample : L1942-27
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5-DA

Quant Time: Mar 17 08:50:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

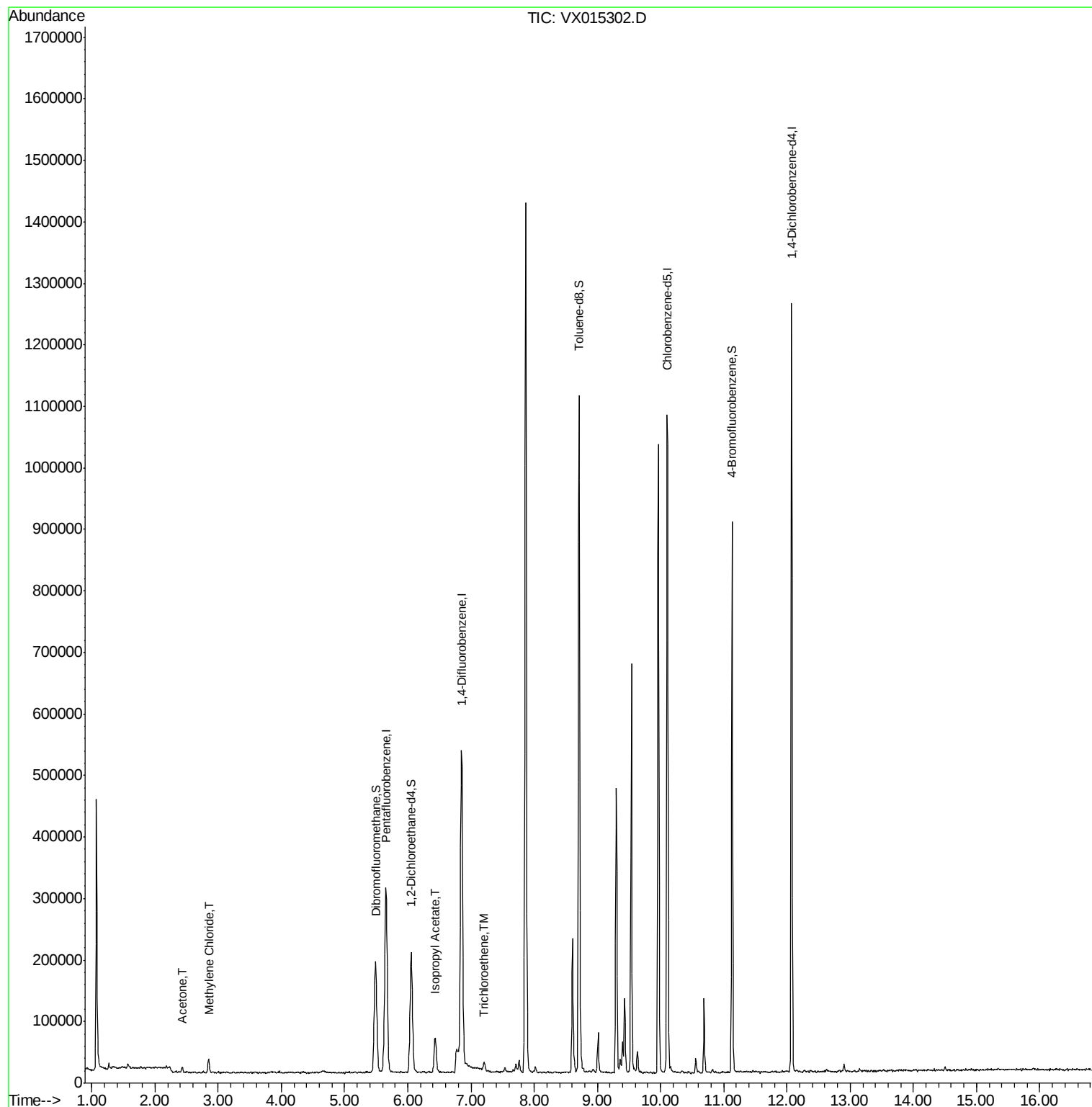
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	309081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	520978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	513409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	179853	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
35) Dibromofluoromethane	5.49	113	155652	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	8.71	98	643603	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	237500	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
Target Compounds						
16) Acetone	2.43	43	9321	6.277	ug/l	97
20) Methylene Chloride	2.85	84	11041	3.177	ug/l	97
43) Isopropyl Acetate	6.43	43	78176	9.947	ug/l	100
44) Trichloroethene	7.21	130	6818	1.713	ug/l	93

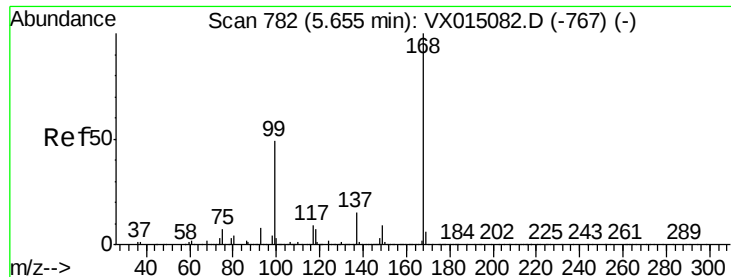
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 04 14:19:10 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015302.D

Acq: 16 Mar 2020 18:13

Instrument :

MSVOA_X

ClientSampleId :

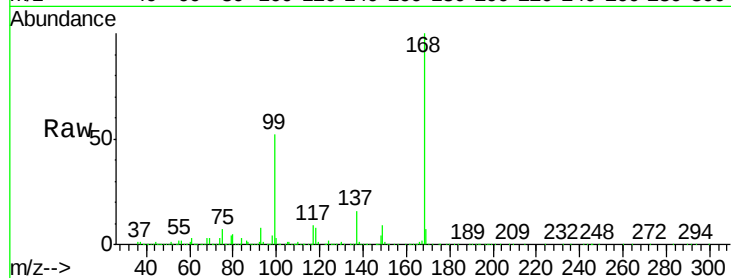
TP-5-DA

Tot Ion:168 Resp: 309081

Ion Ratio Lower Upper

168 100

99 51.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

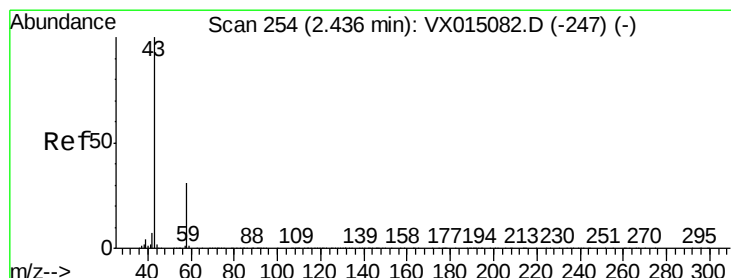
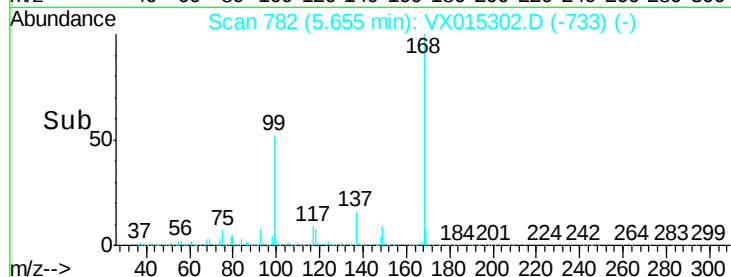
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.277 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015302.D

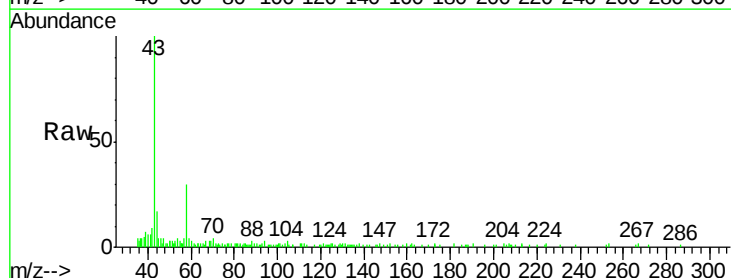
Acq: 16 Mar 2020 18:13

Tgt Ion: 43 Resp: 9321

Ion Ratio Lower Upper

43 100

58 29.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

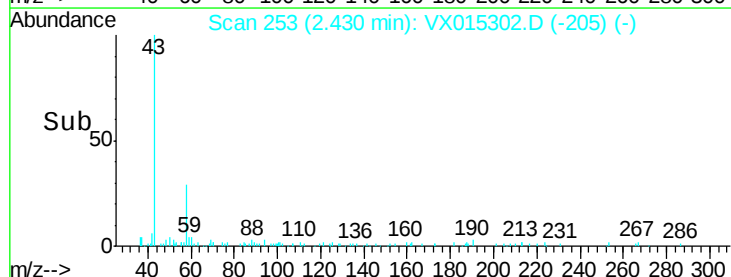
3000

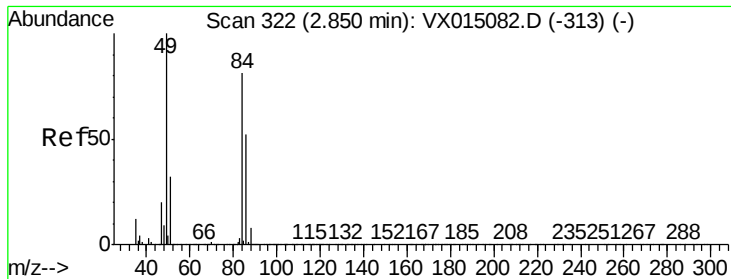
2000

1000

0

Time-->

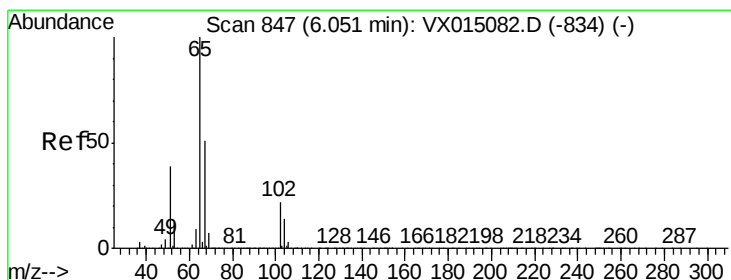
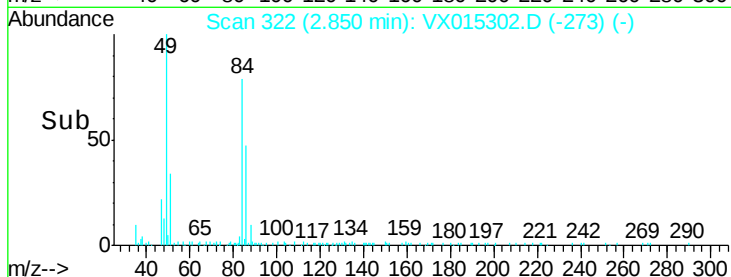
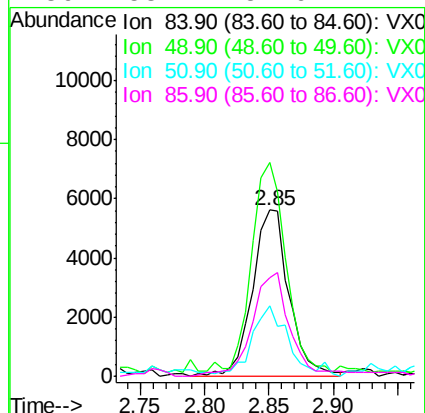
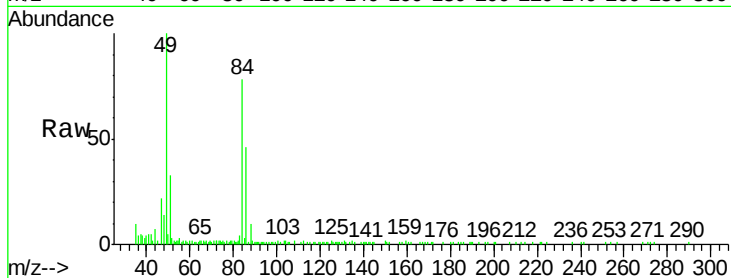




#20
Methvlene Chloride
Concen: 3.177 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015302.D
Acq: 16 Mar 2020 18:13

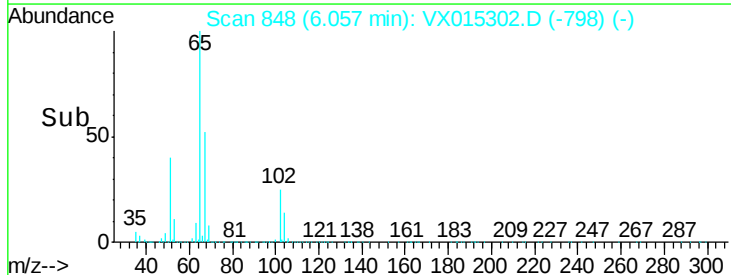
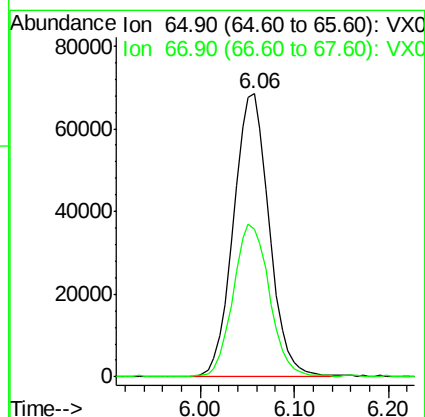
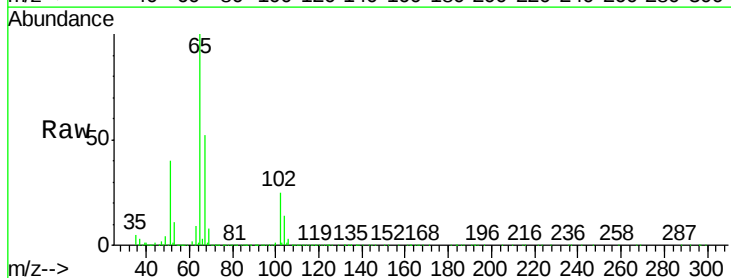
Instrument :
MSVOA_X
ClientSampled :
TP-5-DA

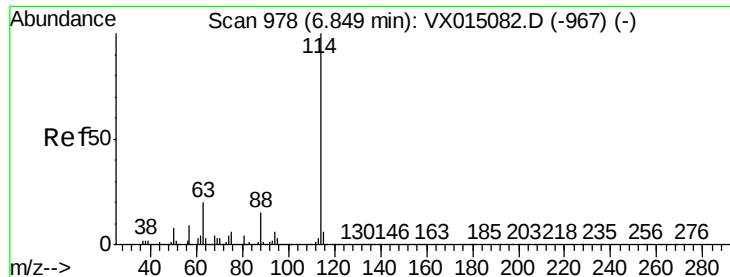
Tot Ion: 84 Resp: 11041
Ion Ratio Lower Upper
84 100
49 122.7 99.4 149.2
51 39.8 31.5 47.3
86 58.1 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 49.048 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015302.D
Acq: 16 Mar 2020 18:13

Tgt Ion: 65 Resp: 179853
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015302.D

Acq: 16 Mar 2020 18:13

Instrument :

MSVOA_X

ClientSampleId :

TP-5-DA

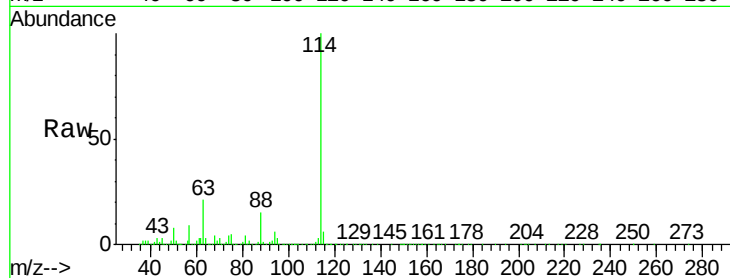
Tot Ion:114 Resp: 520978

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

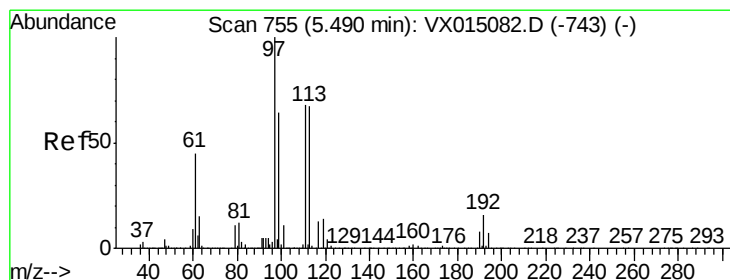
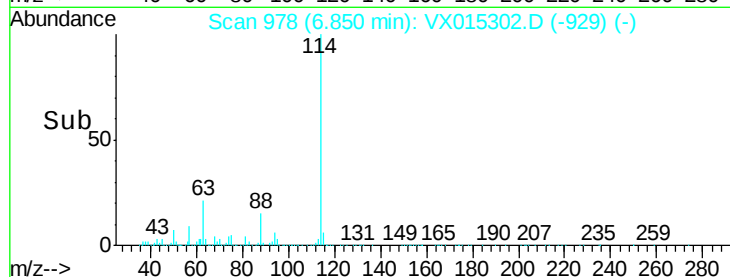
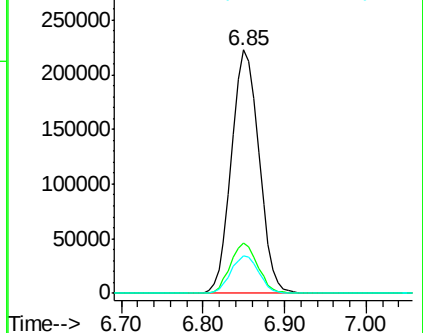
88 15.2 0.0 30.6



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: 47.358 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015302.D

Acq: 16 Mar 2020 18:13

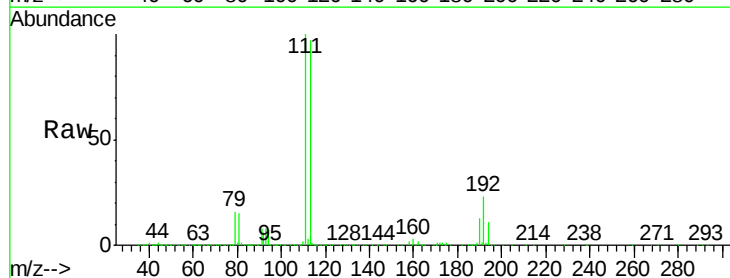
Tgt Ion:113 Resp: 155652

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

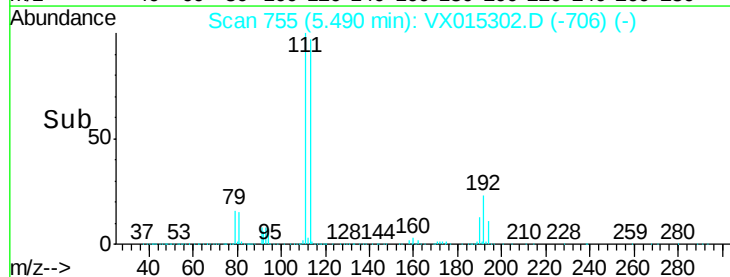
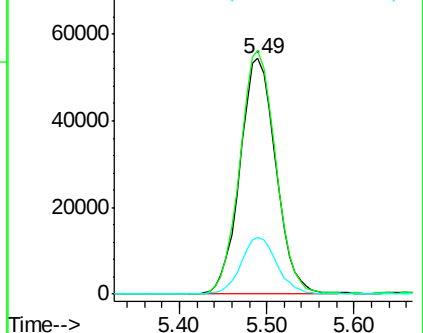
192 24.0 18.6 28.0

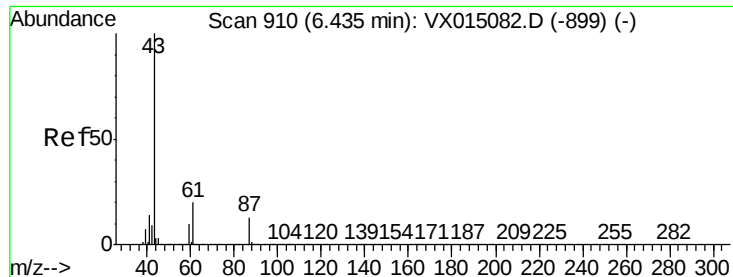


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.947 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015302.D

Acq: 16 Mar 2020 18:13

Instrument :

MSVOA_X

ClientSampled :

TP-5-DA

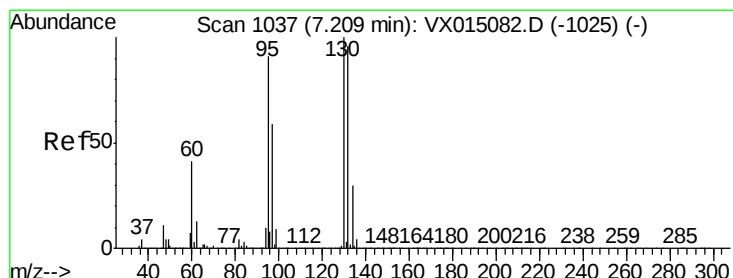
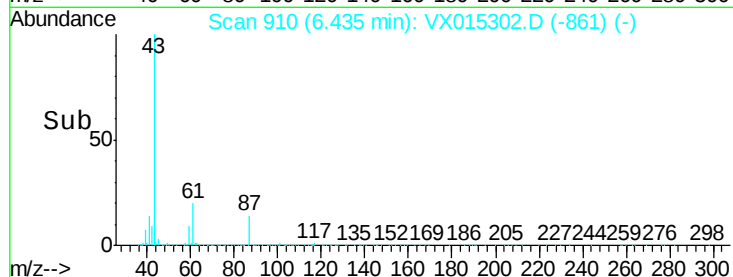
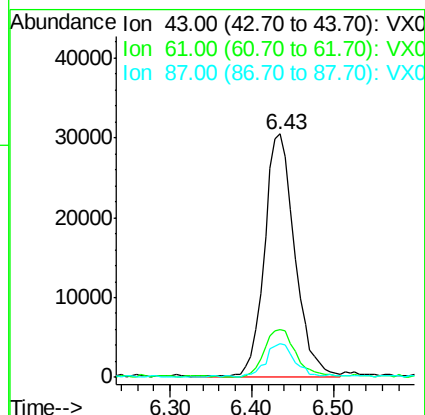
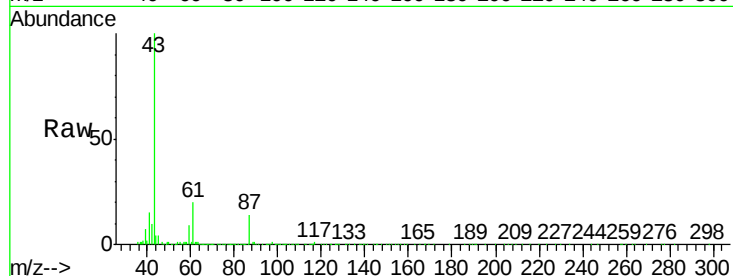
Tot Ion: 43 Resp: 78176

Ion Ratio Lower Upper

43 100

61 20.0 16.1 24.1

87 13.1 10.6 16.0



#44

Trichloroethene

Concen: 1.713 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015302.D

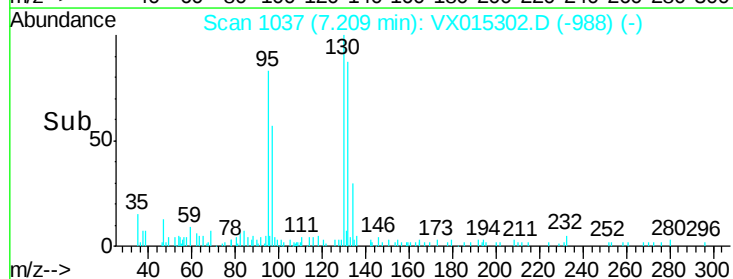
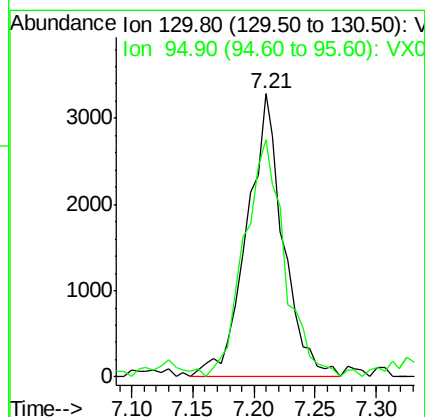
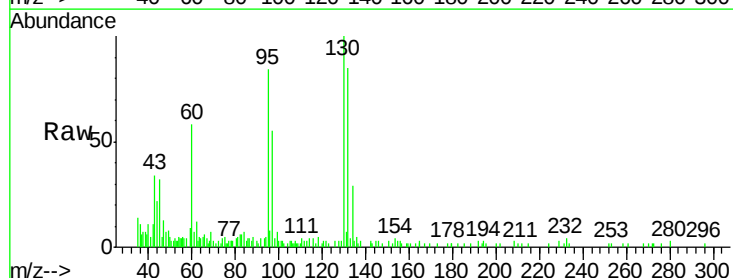
Acq: 16 Mar 2020 18:13

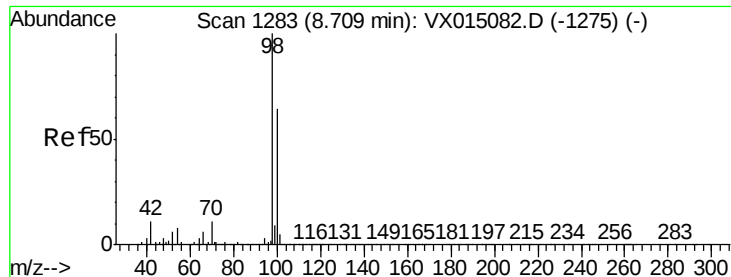
Tgt Ion: 130 Resp: 6818

Ion Ratio Lower Upper

130 100

95 83.7 0.0 181.2





#50

Toluene-d8

Concen: 51.480 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015302.D

Acq: 16 Mar 2020 18:13

Instrument :

MSVOA_X

ClientSampleId :

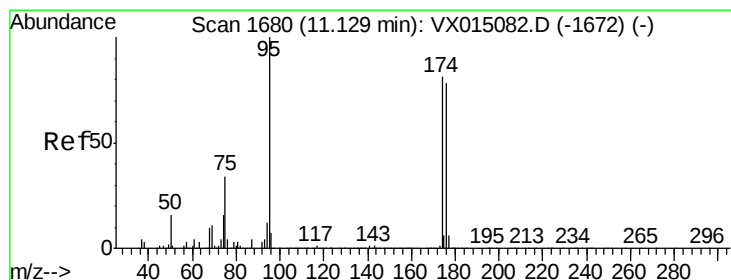
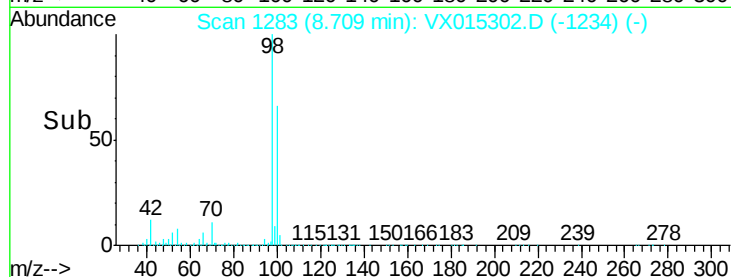
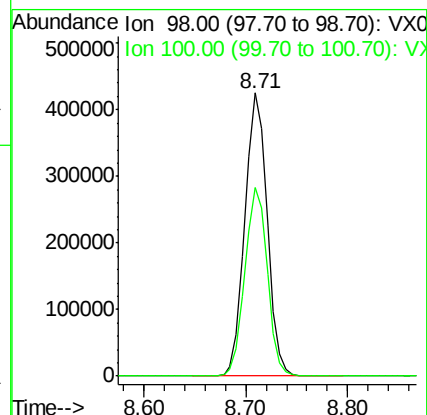
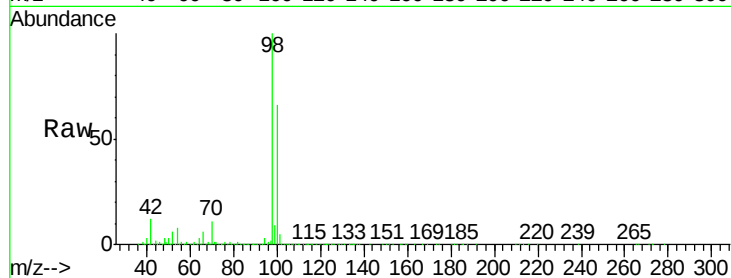
TP-5-DA

Tot Ion: 98 Resp: 643603

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 53.259 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015302.D

Acq: 16 Mar 2020 18:13

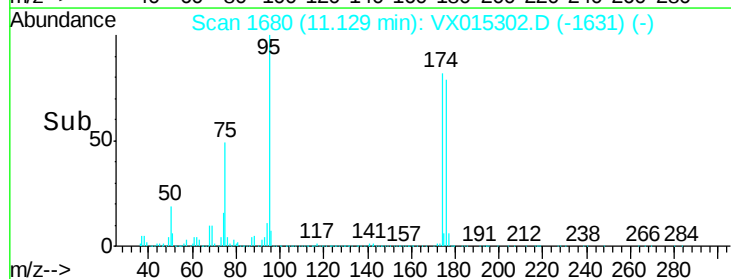
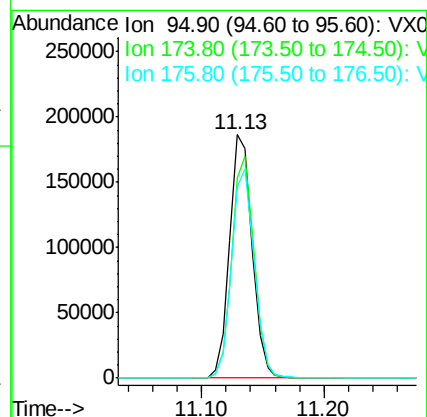
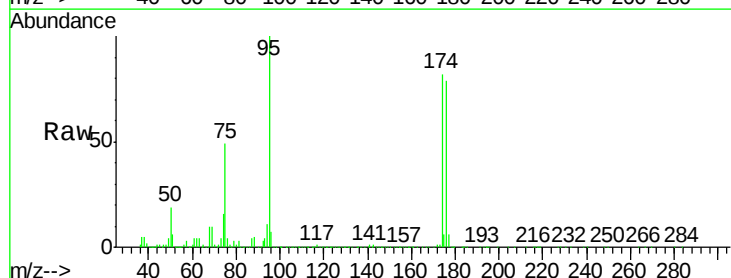
Tgt Ion: 95 Resp: 237500

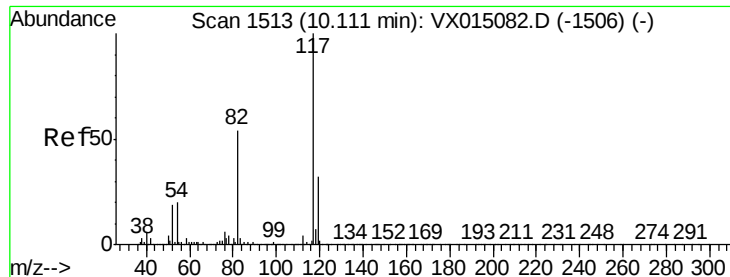
Ion Ratio Lower Upper

95 100

174 90.1 0.0 177.6

176 86.1 0.0 170.2

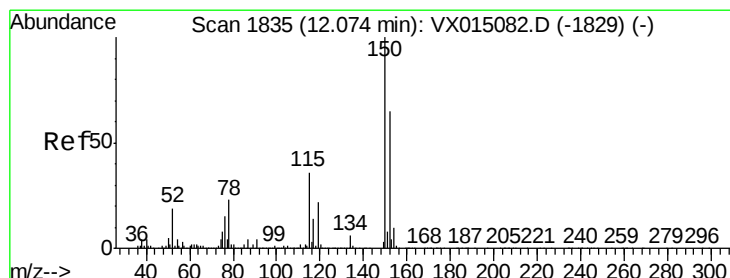
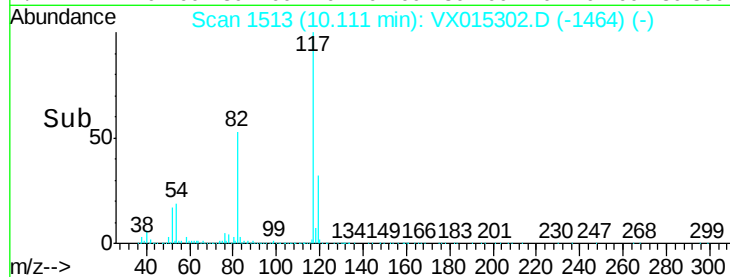
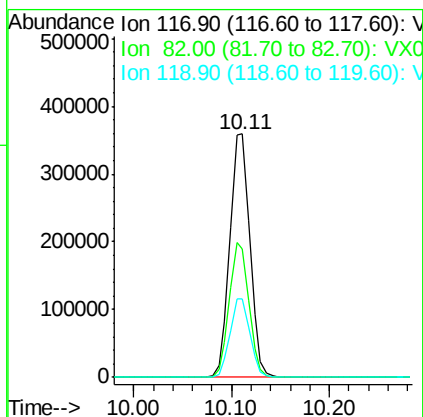
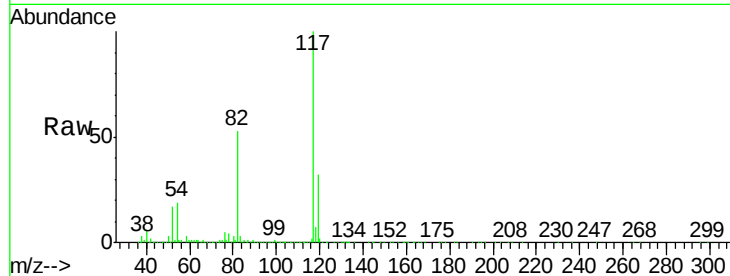




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015302.D
Acq: 16 Mar 2020 18:13

Instrument :
MSVOA_X
ClientSampleId :
TP-5-DA

Tot Ion:117 Resp: 513409
Ion Ratio Lower Upper
117 100
82 52.6 43.3 64.9
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015302.D
Acq: 16 Mar 2020 18:13

Tgt Ion:152 Resp: 261992
Ion Ratio Lower Upper
152 100
115 55.8 38.2 114.6
150 156.2 0.0 343.8

