

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015778.D
 Acq On : 20 Apr 2020 19:59
 Operator : JC/SP
 Sample : L2342-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-15-COMP

Quant Time: Apr 21 08:48:37 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

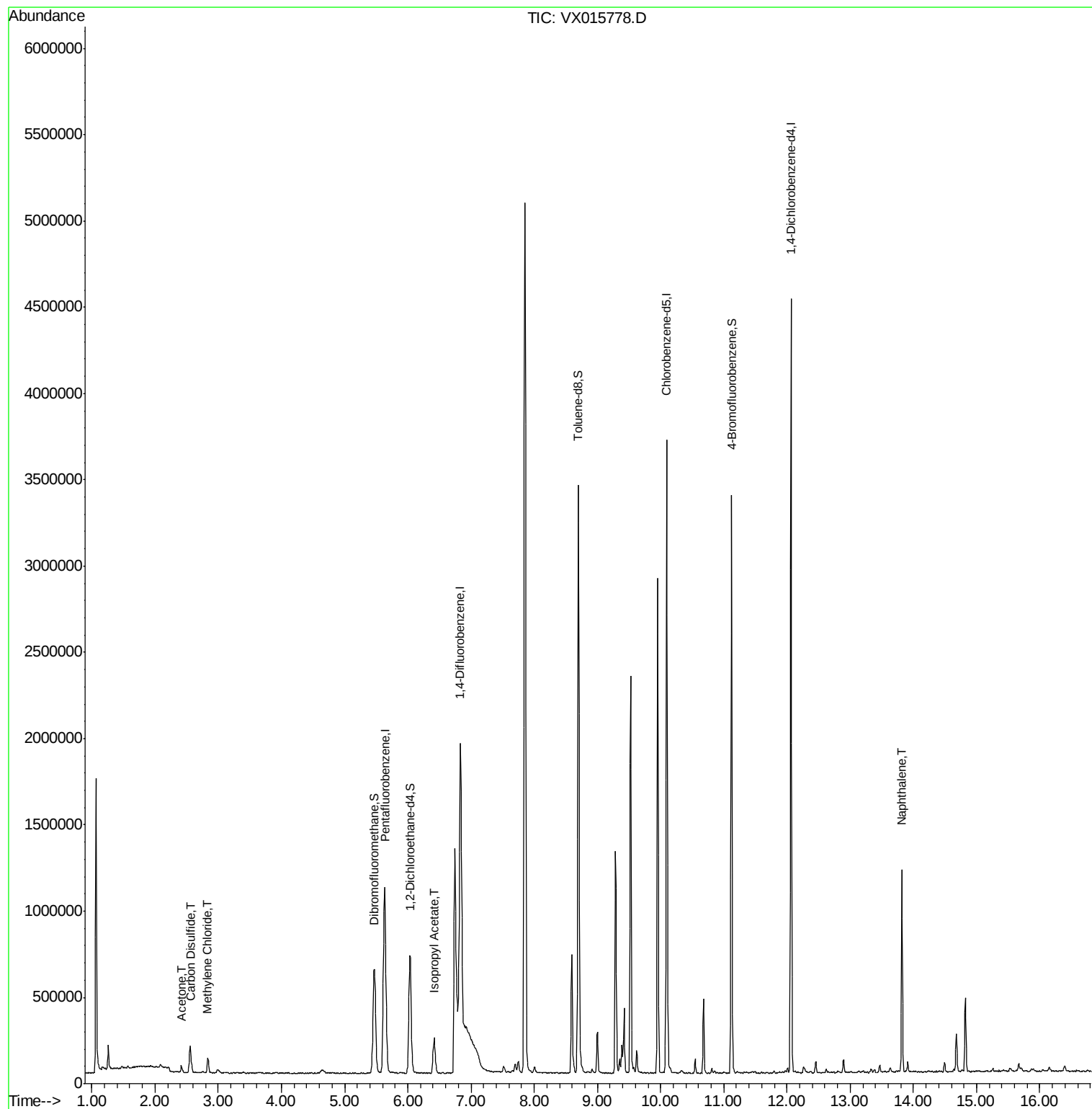
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1089175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1710791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1645478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	916251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	653773	42.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.12%	
35) Dibromofluoromethane	5.47	113	528858	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	8.70	98	2026145	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.12	95	860258	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
Target Compounds						
16) Acetone	2.42	43	48055	7.281	ug/l	98
17) Carbon Disulfide	2.55	76	187252	5.969	ug/l	99
20) Methylene Chloride	2.83	84	38323	3.109	ug/l	89
43) Isopropyl Acetate	6.42	43	297452	8.585	ug/l	98
95) Naphthalene	13.82	128	697754	10.308	ug/l	100

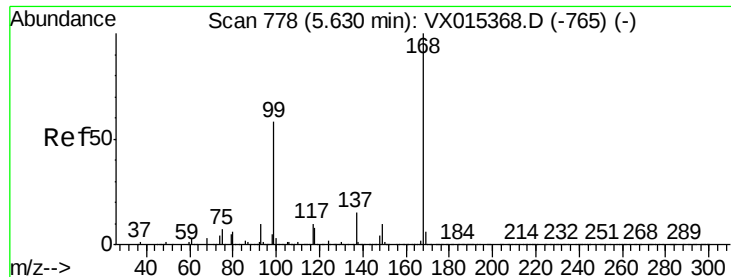
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015778.D

Acq: 20 Apr 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

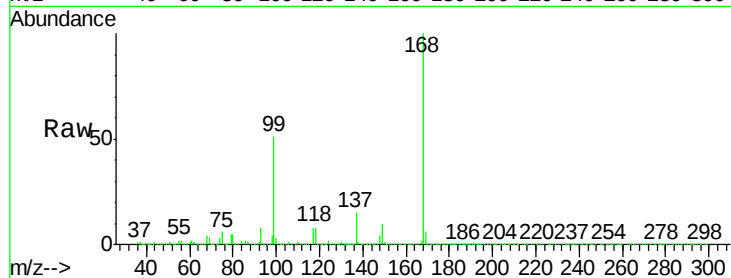
TP-15-COMP

Tot Ion:168 Resp: 1089175

Ion Ratio Lower Upper

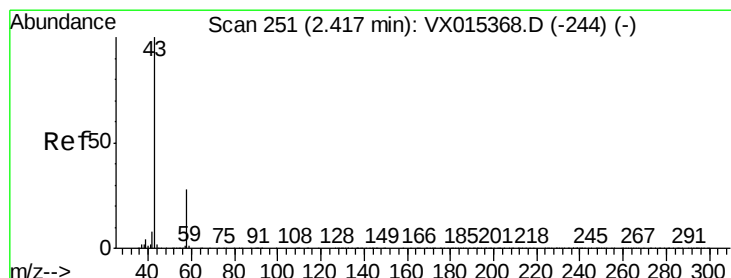
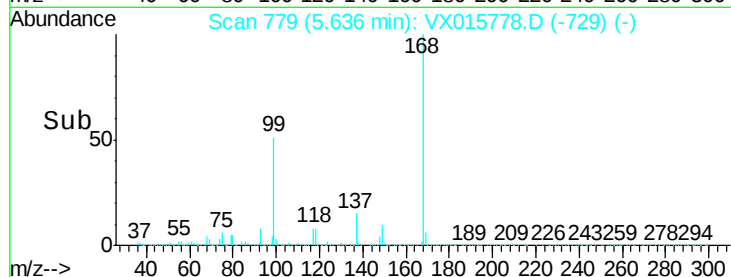
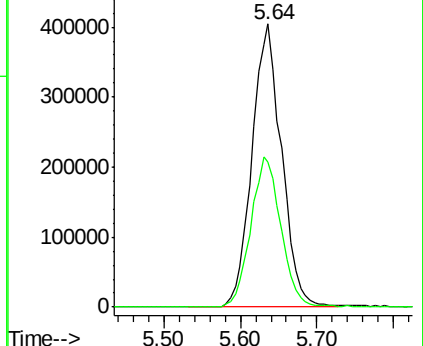
168 100

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: 7.281 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015778.D

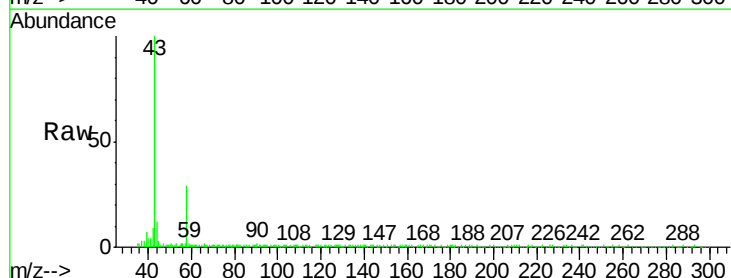
Acq: 20 Apr 2020 19:59

Tgt Ion: 43 Resp: 48055

Ion Ratio Lower Upper

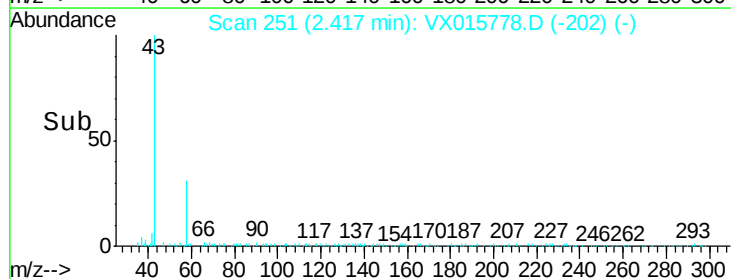
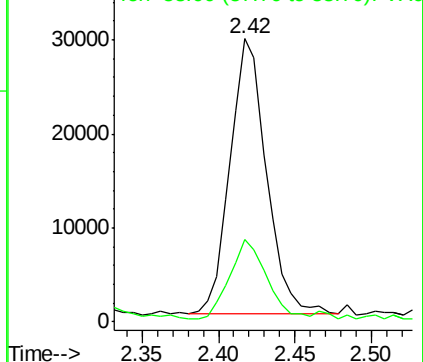
43 100

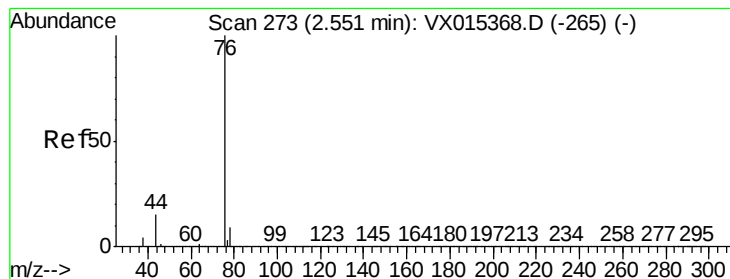
58 28.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 5.969 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015778.D

Acq: 20 Apr 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

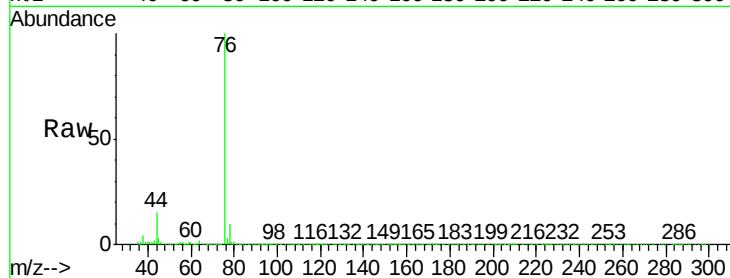
TP-15-COMP

Tot Ion: 76 Resp: 187252

Ion Ratio Lower Upper

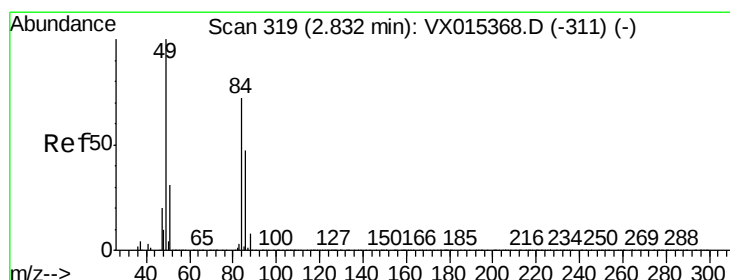
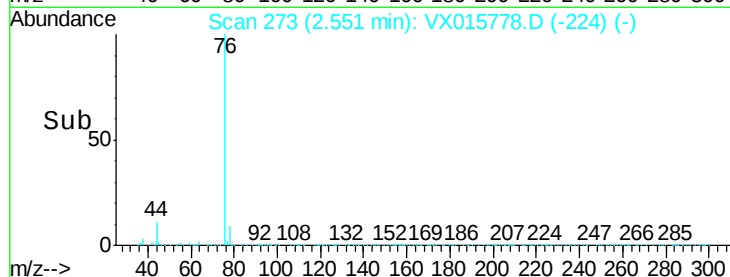
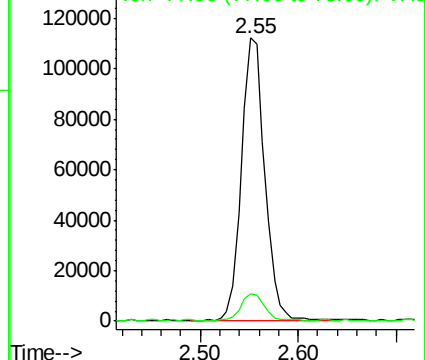
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#20

Methylene Chloride

Concen: 3.109 ug/l

RT: 2.83 min Scan# 319

Delta R.T. -0.00 min

Lab File: VX015778.D

Acq: 20 Apr 2020 19:59

Tgt Ion: 84 Resp: 38323

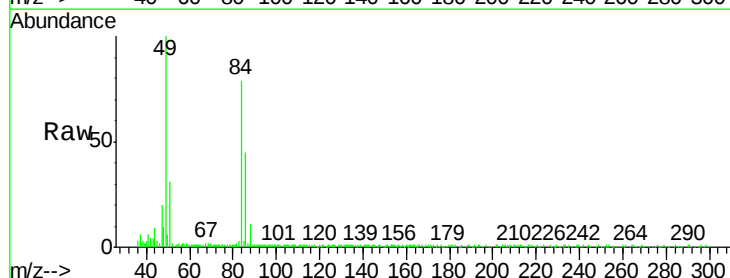
Ion Ratio Lower Upper

84 100

49 124.4 111.3 166.9

51 37.5 34.0 51.0

86 57.4 52.5 78.7

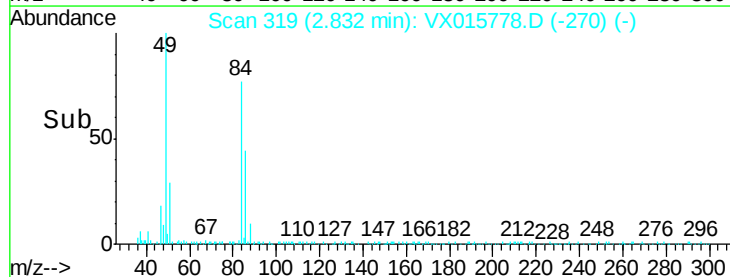
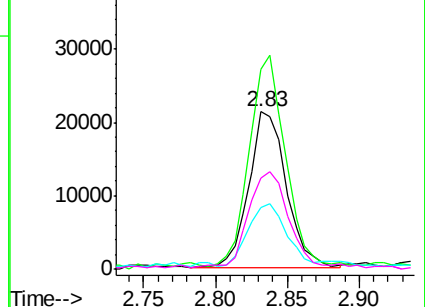


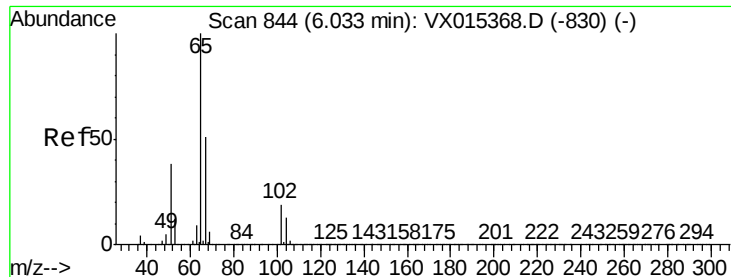
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 42.559 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015778.D

Acq: 20 Apr 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

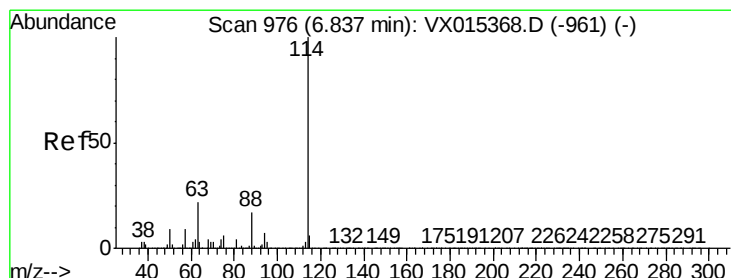
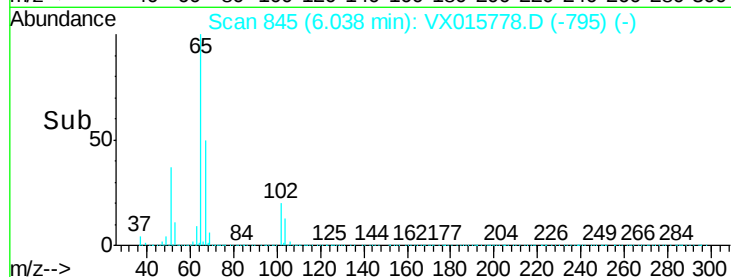
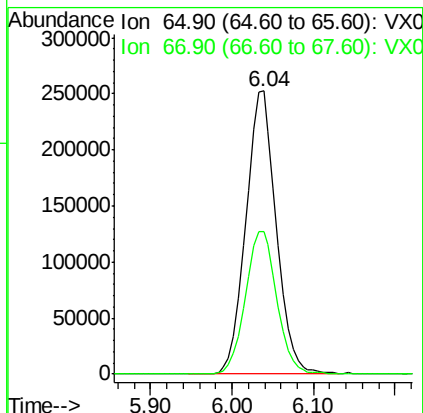
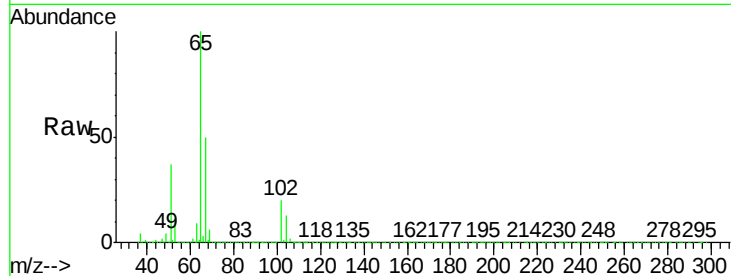
TP-15-COMP

Tot Ion: 65 Resp: 653773

Ion Ratio Lower Upper

65 100

67 51.8 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: VX015778.D

Acq: 20 Apr 2020 19:59

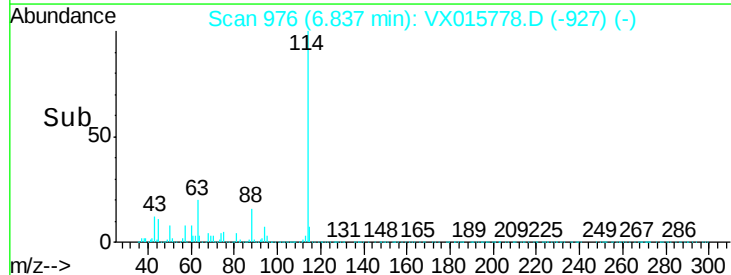
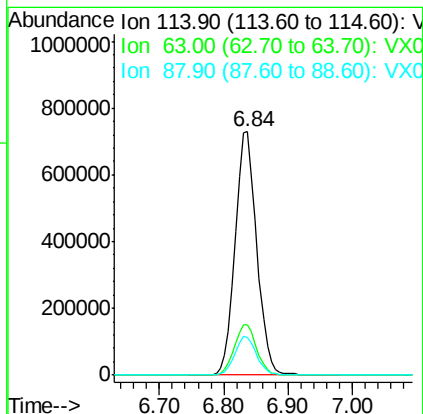
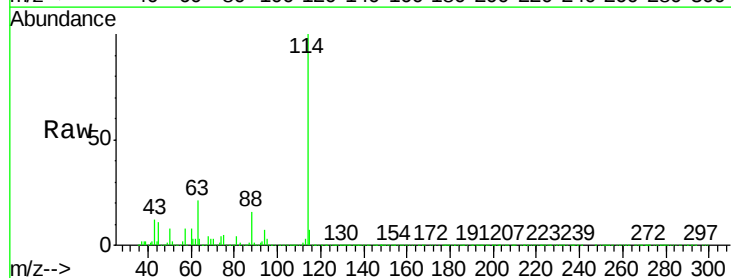
Tgt Ion: 114 Resp: 1710791

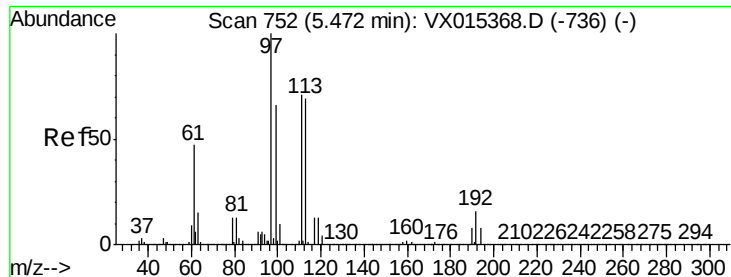
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.2

88 15.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.360 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015778.D

Acq: 20 Apr 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

TP-15-COMP

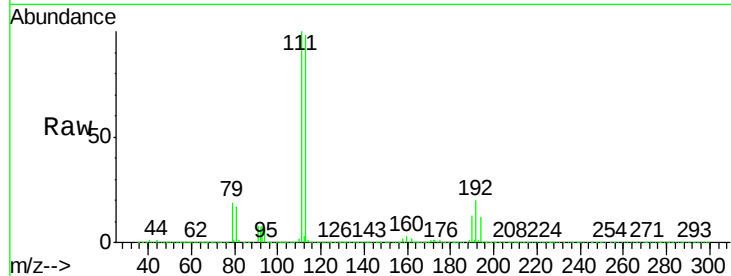
Tot Ion:113 Resp: 528858

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

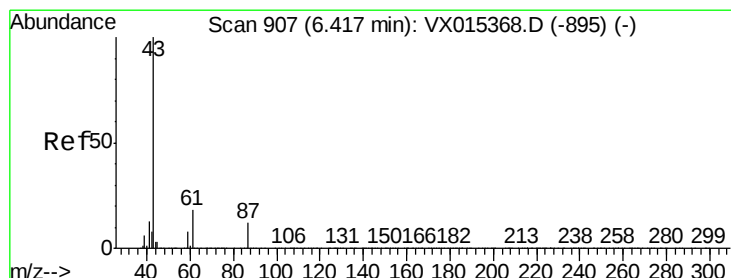
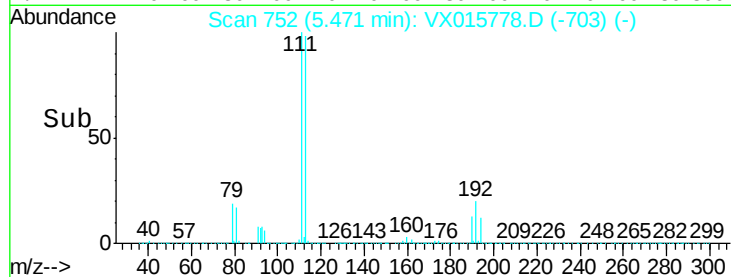
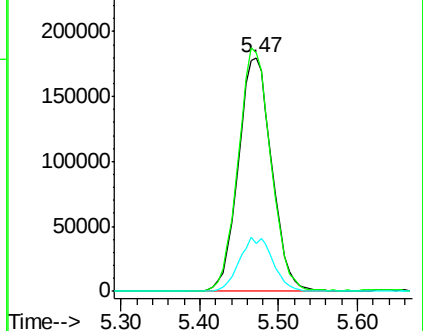
192 23.3 17.8 26.6



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: 8.585 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015778.D

Acq: 20 Apr 2020 19:59

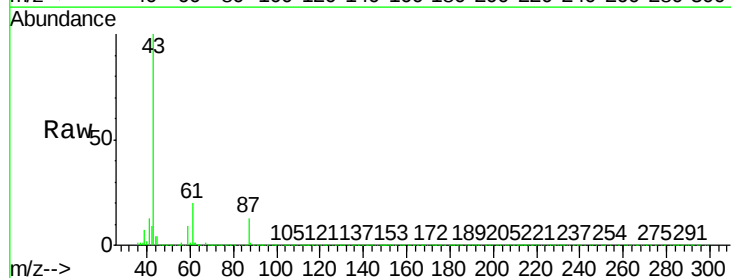
Tgt Ion: 43 Resp: 297452

Ion Ratio Lower Upper

43 100

61 19.5 14.8 22.2

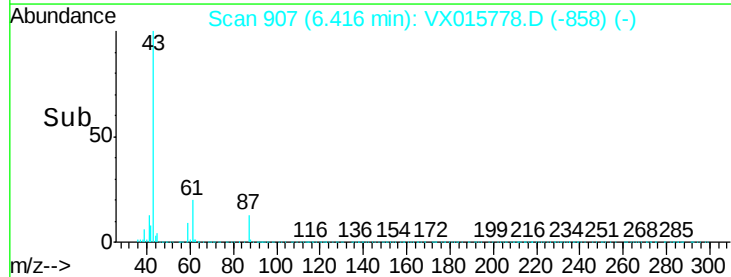
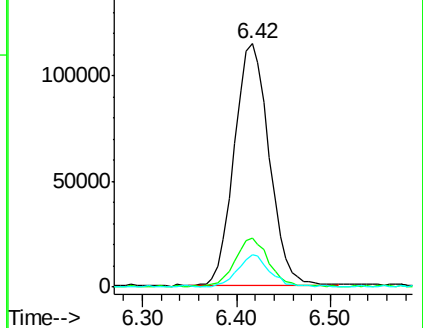
87 11.8 9.4 14.0

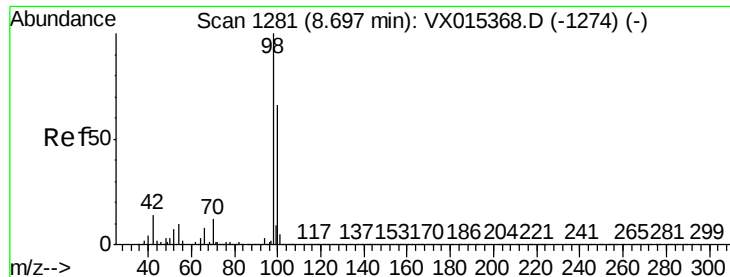


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.323 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015778.D

Acq: 20 Apr 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

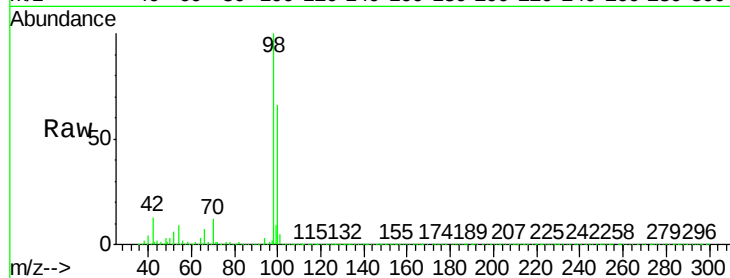
TP-15-COMP

Tot Ion: 98 Resp: 2026145

Ion Ratio Lower Upper

98 100

100 66.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

1500000

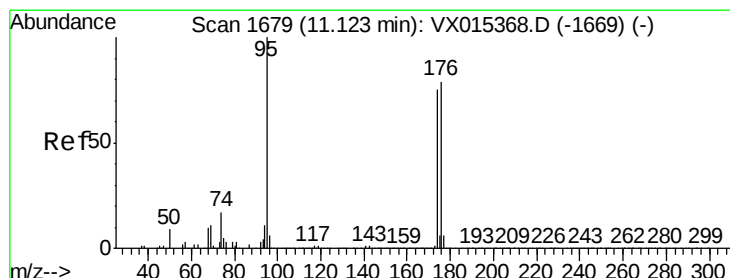
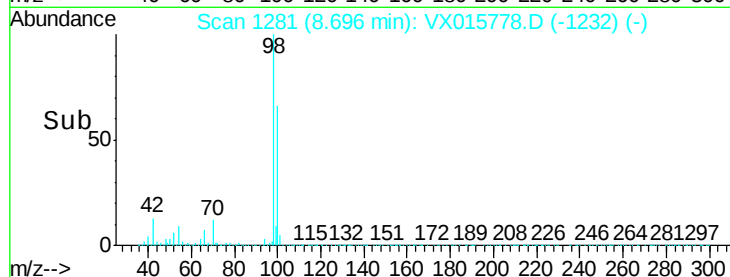
8.70

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.574 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015778.D

Acq: 20 Apr 2020 19:59

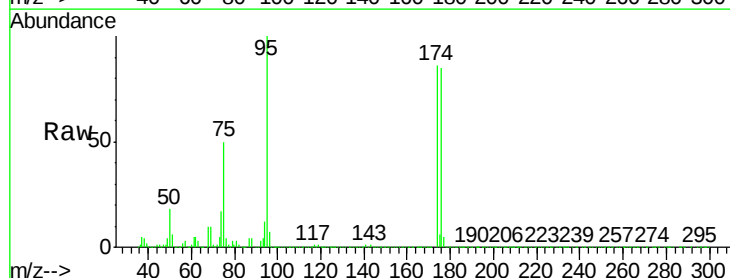
Tgt Ion: 95 Resp: 860258

Ion Ratio Lower Upper

95 100

174 86.9 0.0 158.6

176 84.9 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

800000

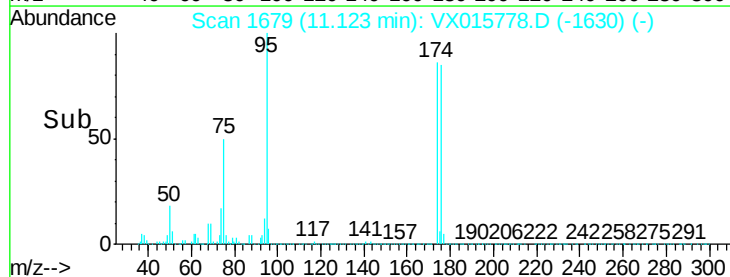
600000

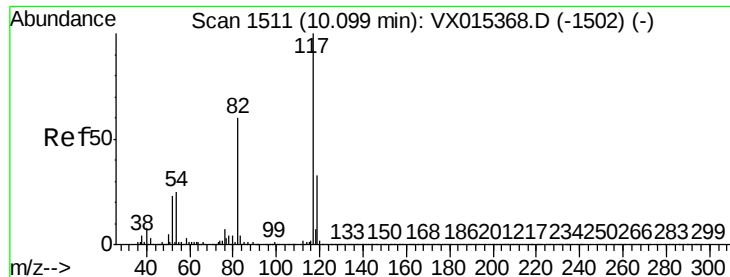
400000

200000

0

Time-->

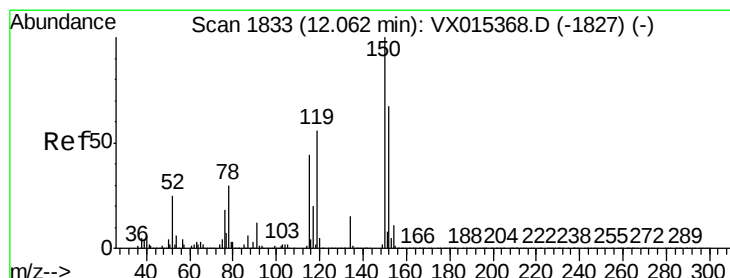
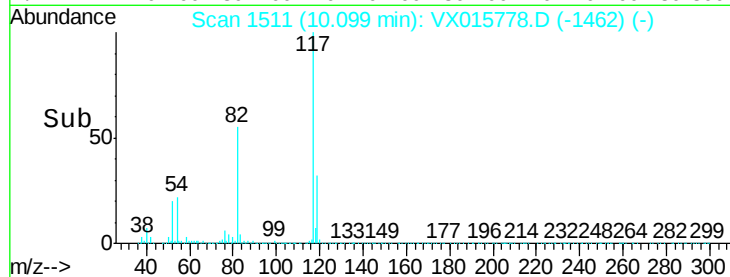
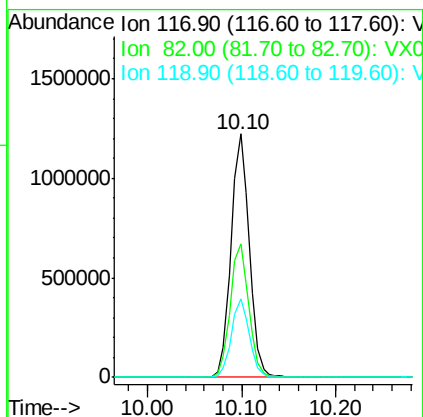
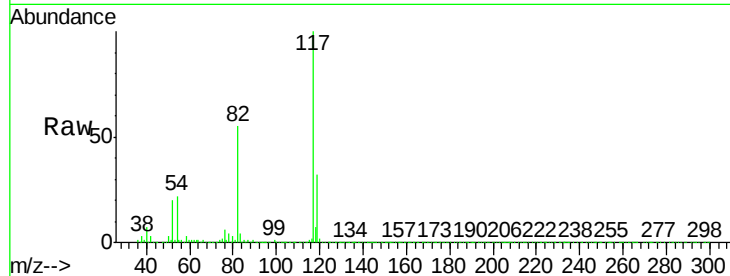




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015778.D
Acq: 20 Apr 2020 19:59

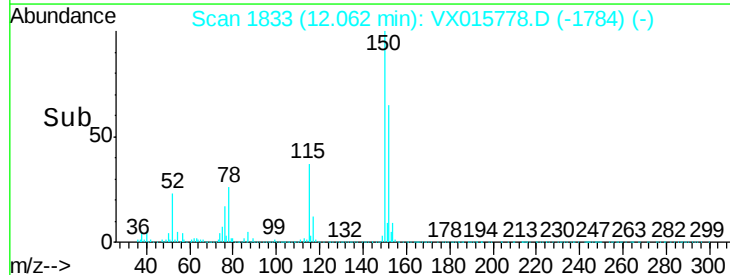
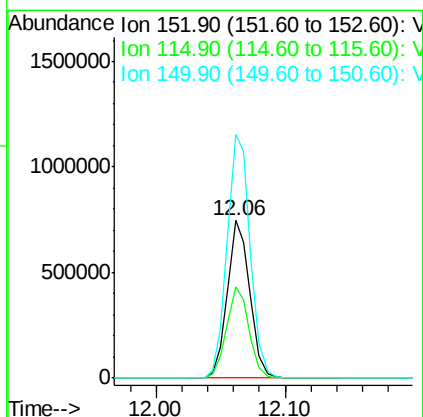
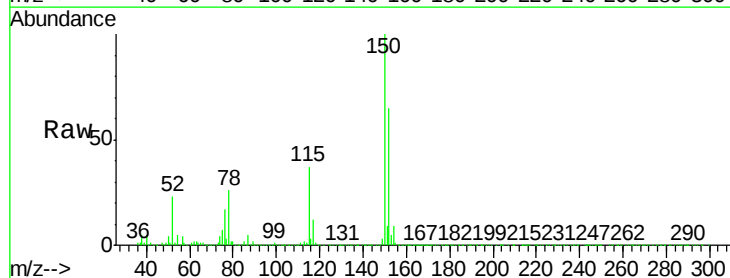
Instrument :
MSVOA_X
ClientSampleId :
TP-15-COMP

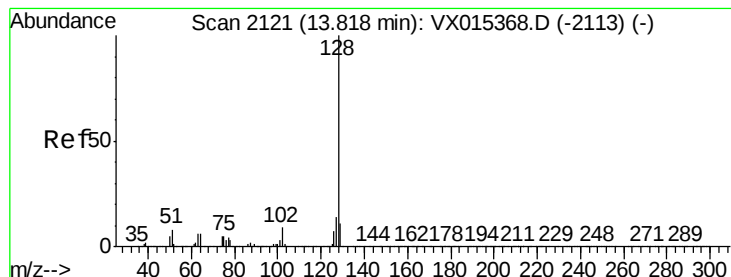
Tot Ion:117 Resp: 1645478
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.8
119 32.0 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015778.D
Acq: 20 Apr 2020 19:59

Tgt Ion:152 Resp: 916251
Ion Ratio Lower Upper
152 100
115 57.5 39.0 116.9
150 158.7 0.0 340.8





#95

Naphthalene

Concen: 10.308 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015778.D

Acq: 20 Apr 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

TP-15-COMP

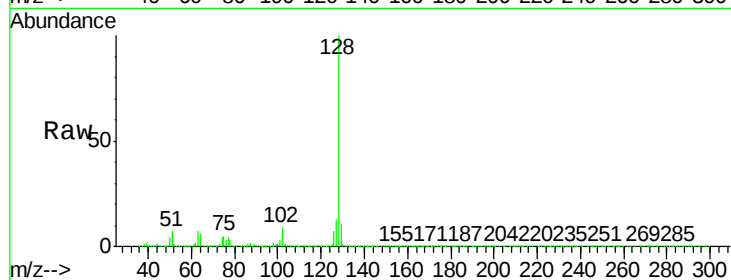
Tot Ion:128 Resp: 697754

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

