

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016133.D
 Acq On : 08 May 2020 19:51
 Operator : JC/SP
 Sample : L2557-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-12A

Quant Time: May 09 07:23:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

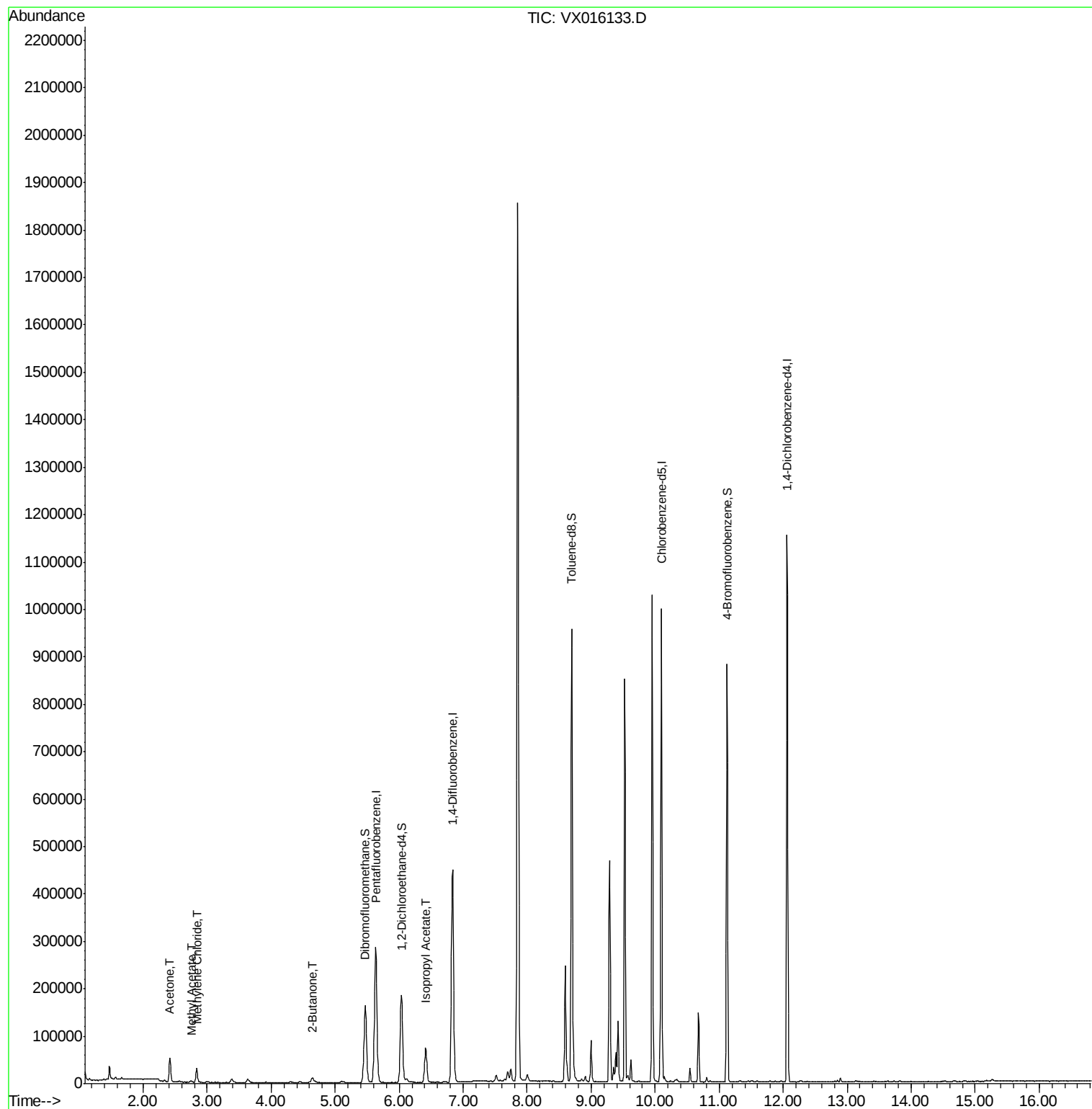
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	269856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	457892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	175926	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	5.47	113	140245	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	8.70	98	560684	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.12	95	225133	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
Target Compounds						
16) Acetone	2.42	43	53046	33.479	ug/l	98
18) Methyl Acetate	2.75	43	4429	1.137	ug/l	94
20) Methylene Chloride	2.84	84	13614	4.168	ug/l	96
25) 2-Butanone	4.64	43	16336	6.398	ug/l	95
43) Isopropyl Acetate	6.42	43	98014	11.759	ug/l	99

(#) = 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# 746

Delta R.T. -0.00 min

Lab File: VX016133.D

Acq: 08 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

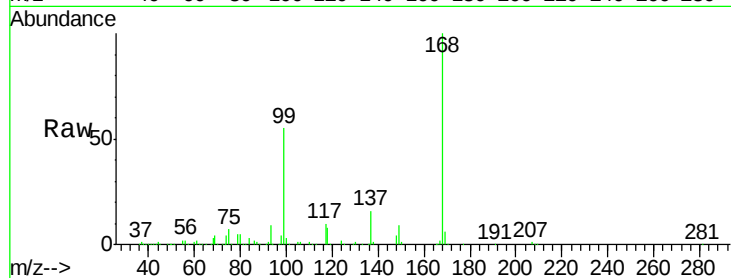
TP-12A

Tot Ion:168 Resp: 269856

Ion Ratio Lower Upper

168 100

99 55.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

60000

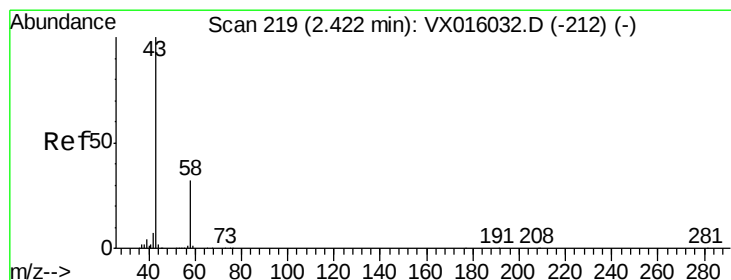
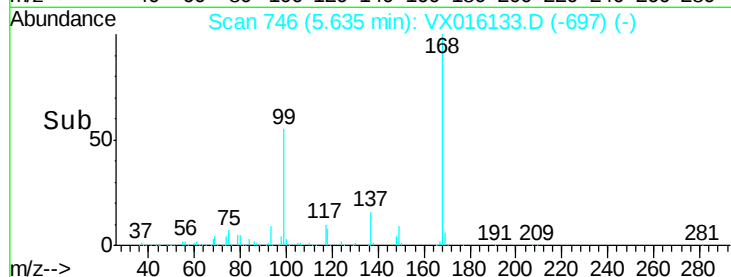
40000

20000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 33.479 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016133.D

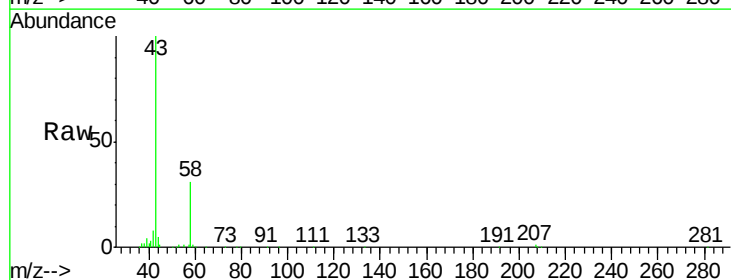
Acq: 08 May 2020 19:51

Tgt Ion: 43 Resp: 53046

Ion Ratio Lower Upper

43 100

58 30.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

30000

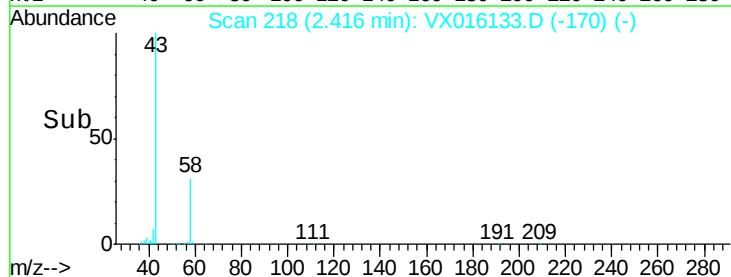
20000

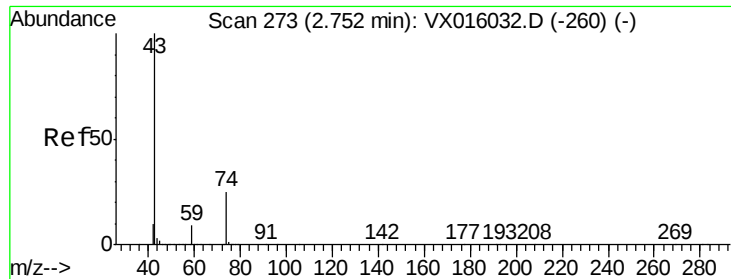
10000

0

Time-->

2.30 2.40 2.50

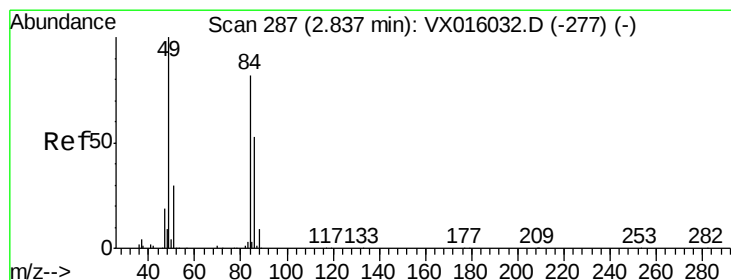
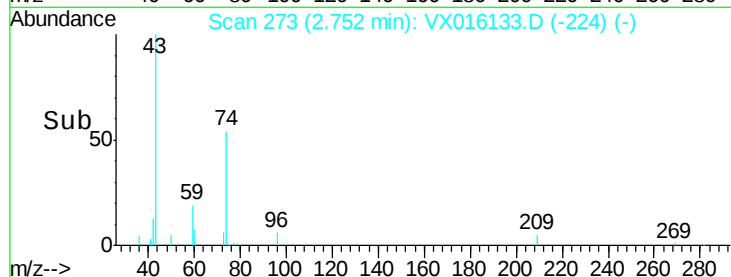
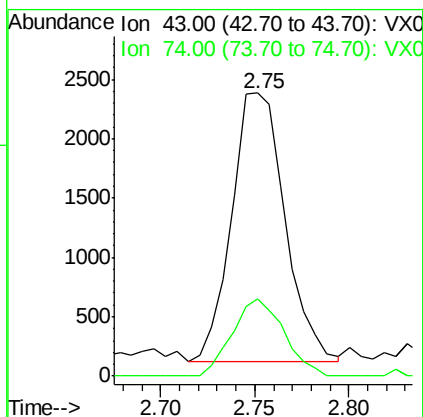
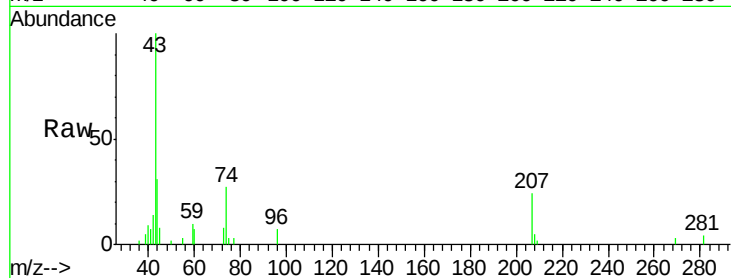




#18
Methvl Acetate
Concen: 1.137 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016133.D
Acq: 08 May 2020 19:51

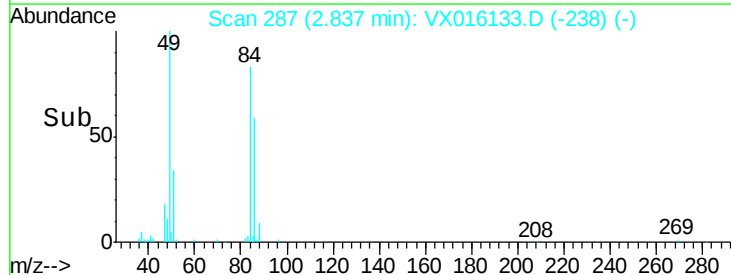
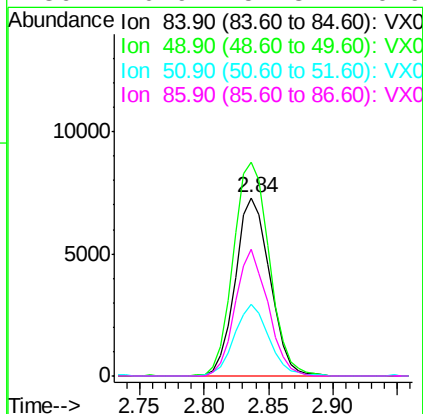
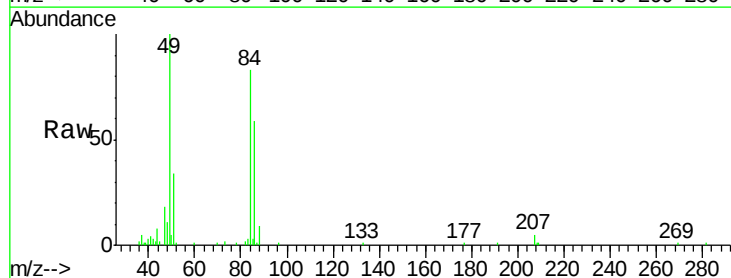
Instrument :
MSVOA_X
ClientSampled :
TP-12A

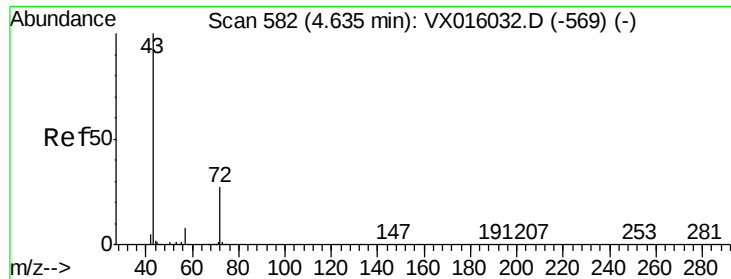
Tot Ion: 43 Resp: 4429
Ion Ratio Lower Upper
43 100
74 28.0 20.2 30.2



#20
Methylene Chloride
Concen: 4.168 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016133.D
Acq: 08 May 2020 19:51

Tgt Ion: 84 Resp: 13614
Ion Ratio Lower Upper
84 100
49 119.9 97.3 145.9
51 40.6 29.3 43.9
86 70.9 51.3 76.9





#25

2-Butanone

Concen: 6.398 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016133.D

Acq: 08 May 2020 19:51

Instrument :

MSVOA_X

ClientSampled :

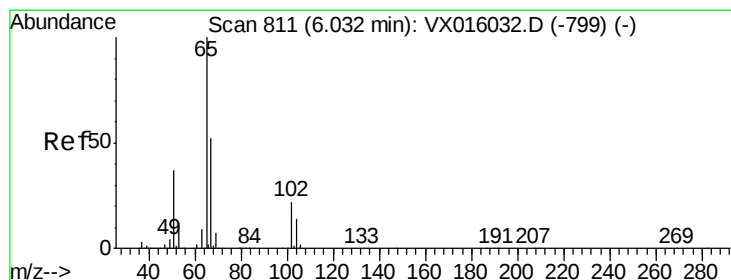
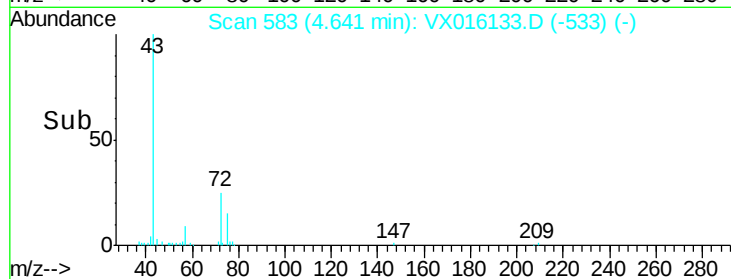
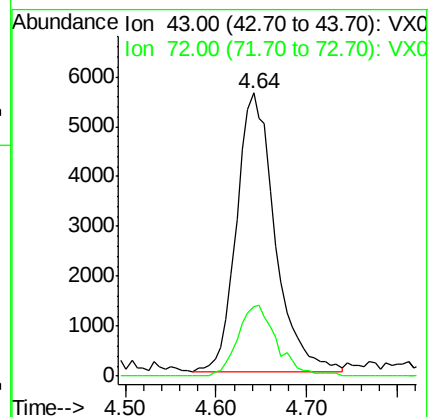
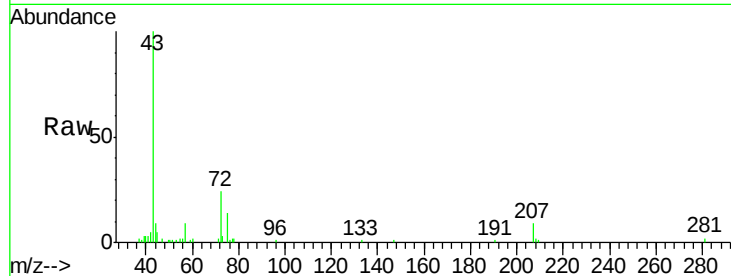
TP-12A

Tot Ion: 43 Resp: 16336

Ion Ratio Lower Upper

43 100

72 24.8 21.8 32.8



#33

1,2-Dichloroethane-d4

Concen: 49.542 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016133.D

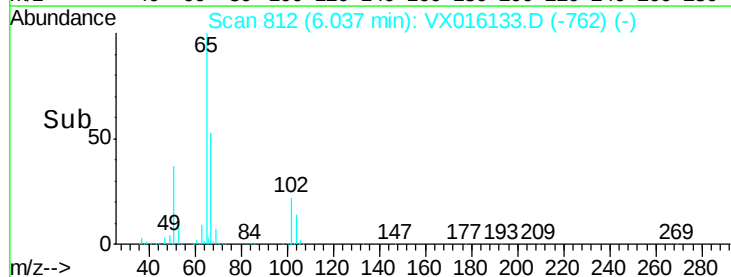
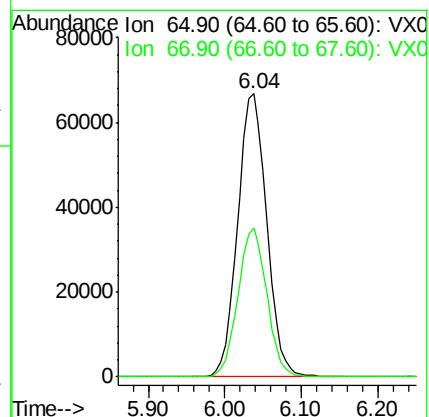
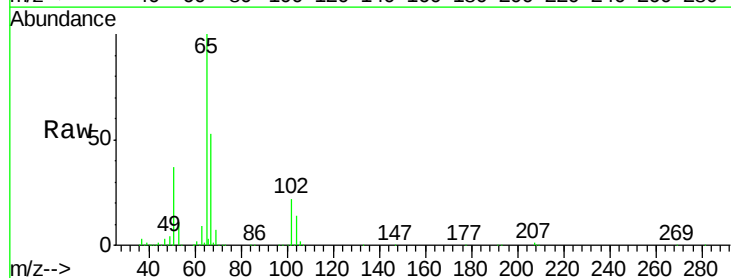
Acq: 08 May 2020 19:51

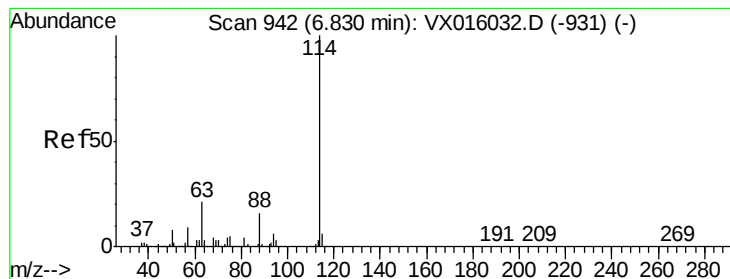
Tgt Ion: 65 Resp: 175926

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016133.D

Acq: 08 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

TP-12A

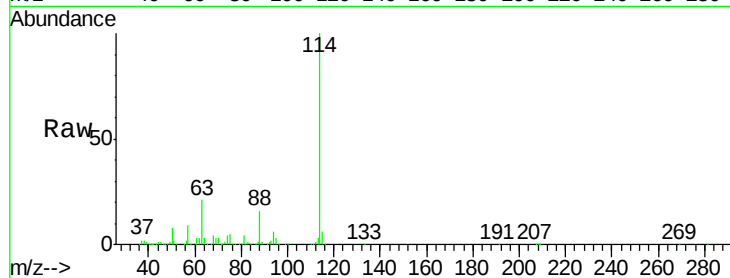
Tot Ion:114 Resp: 457892

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

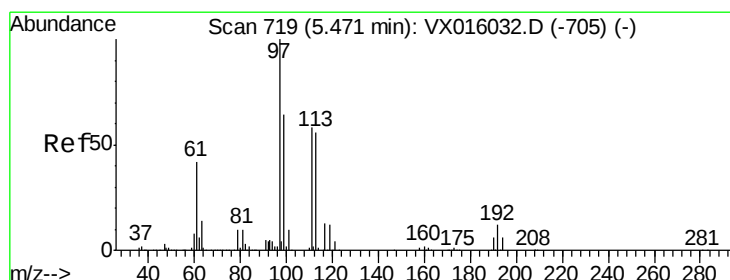
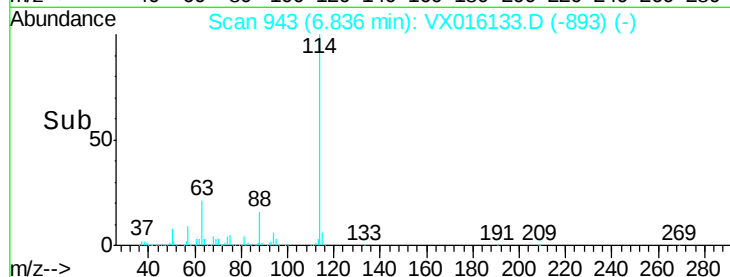
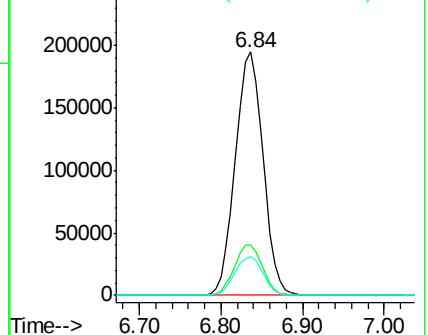
88 15.9 0.0 31.4



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: 48.345 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016133.D

Acq: 08 May 2020 19:51

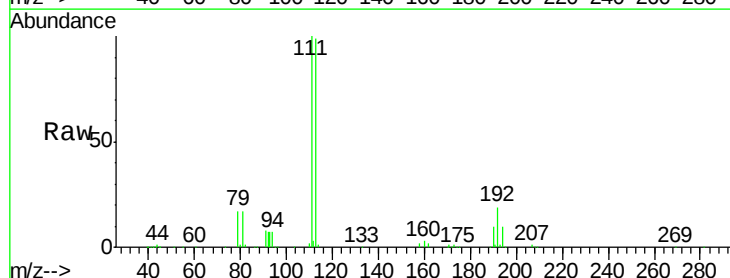
Tgt Ion:113 Resp: 140245

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

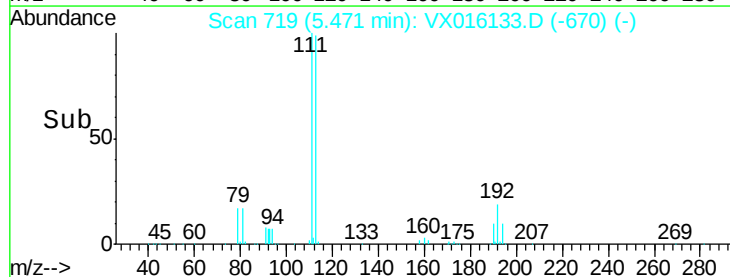
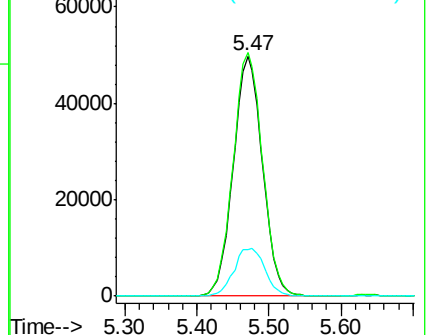
192 21.1 17.0 25.4

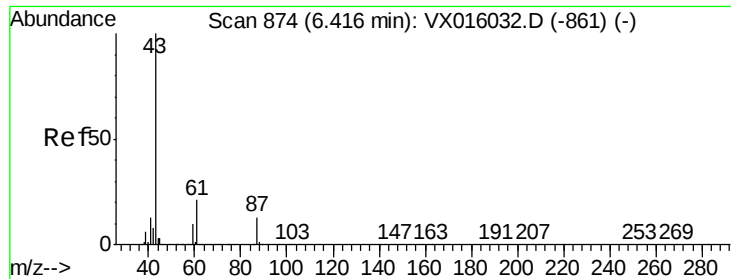


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



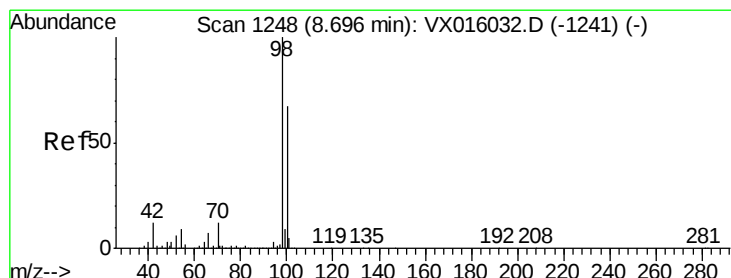
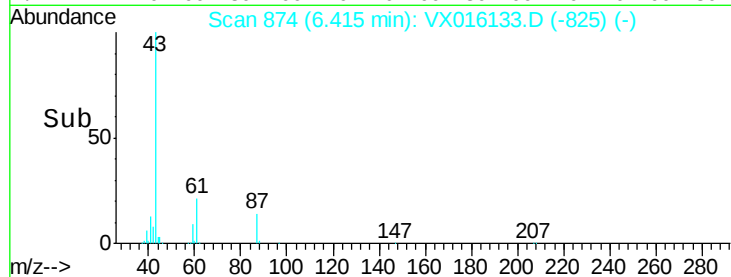
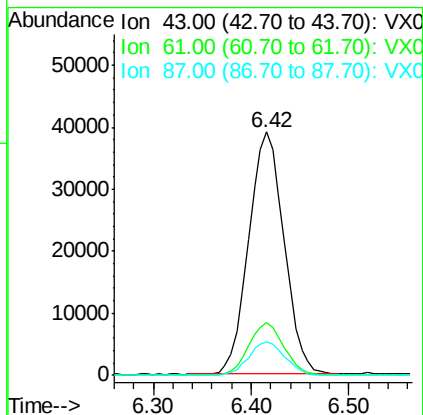
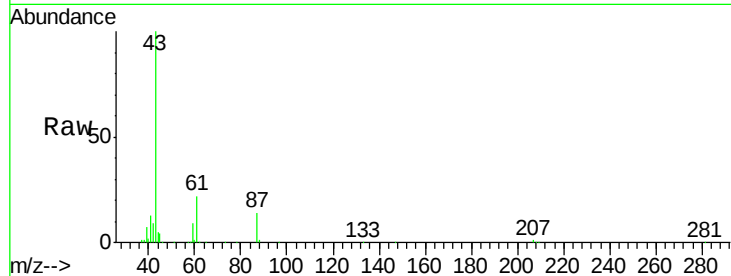


#43

Isopropyl Acetate
 Concen: 11.759 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016133.D
 Acq: 08 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-12A

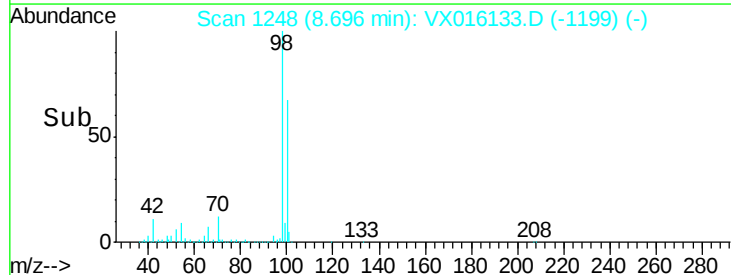
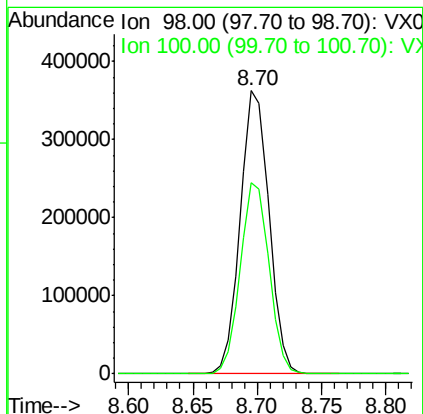
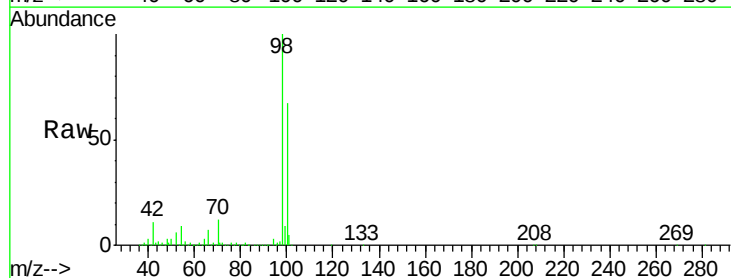
Tot Ion	43	Resp	98014
Ion Ratio	Lower	Upper	
43	100		
61	21.8	17.0	25.4
87	14.1	11.0	16.6

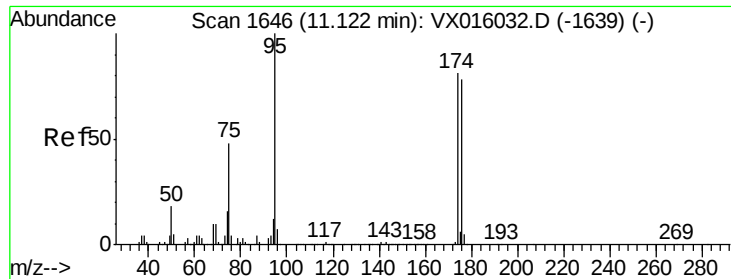


#50

Toluene-d8
 Concen: 50.162 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016133.D
 Acq: 08 May 2020 19:51

Tgt Ion	98	Resp	560684
Ion Ratio	Lower	Upper	
98	100		
100	67.4	53.7	80.5





#62

4-Bromofluorobenzene

Concen: 52.955 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016133.D

Acq: 08 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

TP-12A

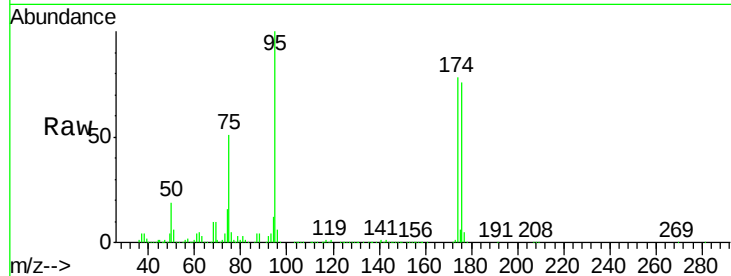
Tot Ion: 95 Resp: 225133

Ion Ratio Lower Upper

95 100

174 80.8 0.0 159.4

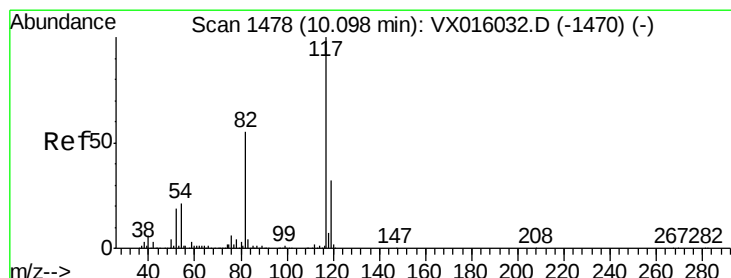
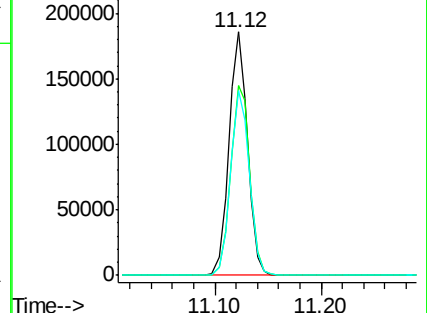
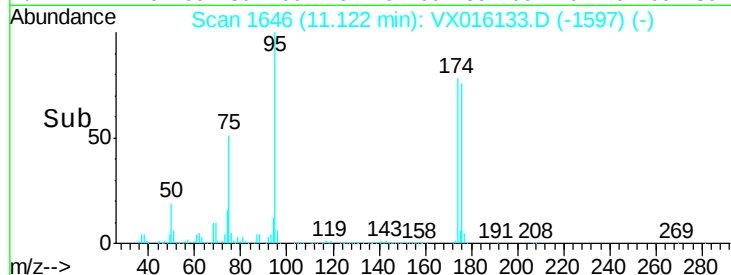
176 77.6 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016133.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016133.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016133.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016133.D

Acq: 08 May 2020 19:51

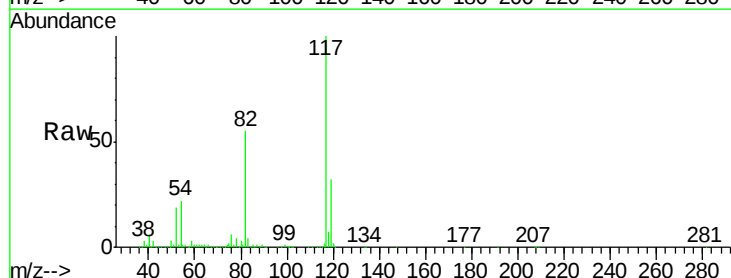
Tgt Ion: 117 Resp: 447324

Ion Ratio Lower Upper

117 100

82 55.2 44.4 66.6

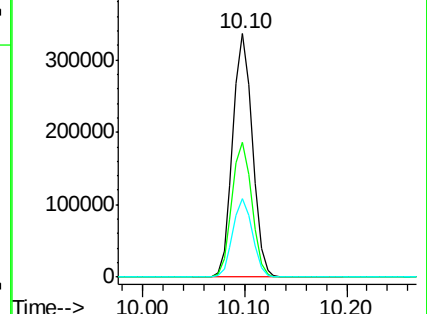
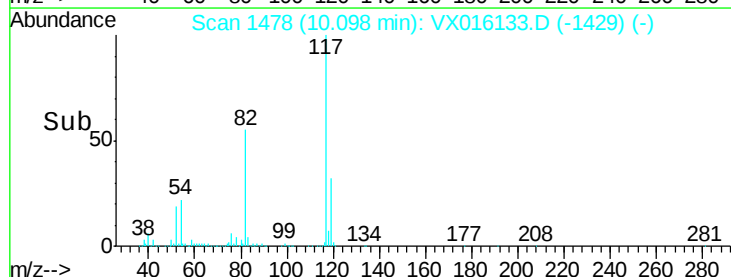
119 32.5 25.5 38.3

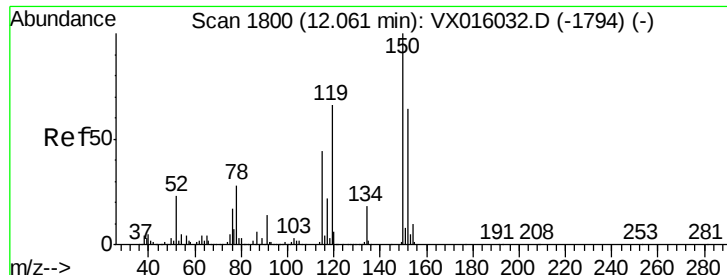


Abundance Ion 116.90 (116.60 to 117.60): VX016133.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016133.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016133.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016133.D

Acq: 08 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

TP-12A

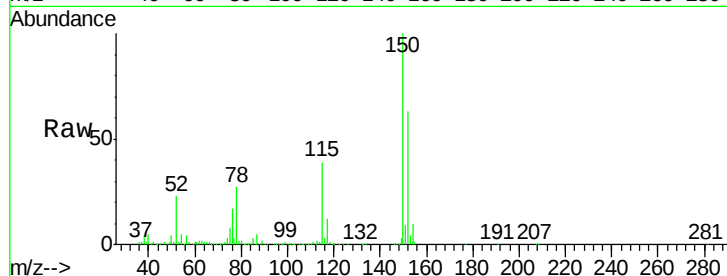
Tot Ion:152 Resp: 231622

Ion Ratio Lower Upper

152 100

115 59.5 41.3 124.1

150 157.9 0.0 352.2



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

