

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019935.D
 Acq On : 12 Dec 2020 16:24
 Operator : JC/MD
 Sample : PB133501ZHE#16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133501ZHE#16

Quant Time: Dec 14 08:33:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	304949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	509599	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	483943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210417	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	198492	49.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	99.04%	
35) Dibromofluoromethane	5.46	113	160044	48.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	97.18%	
50) Toluene-d8	8.70	98	631583	50.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.12	95	223019	46.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	93.20%	

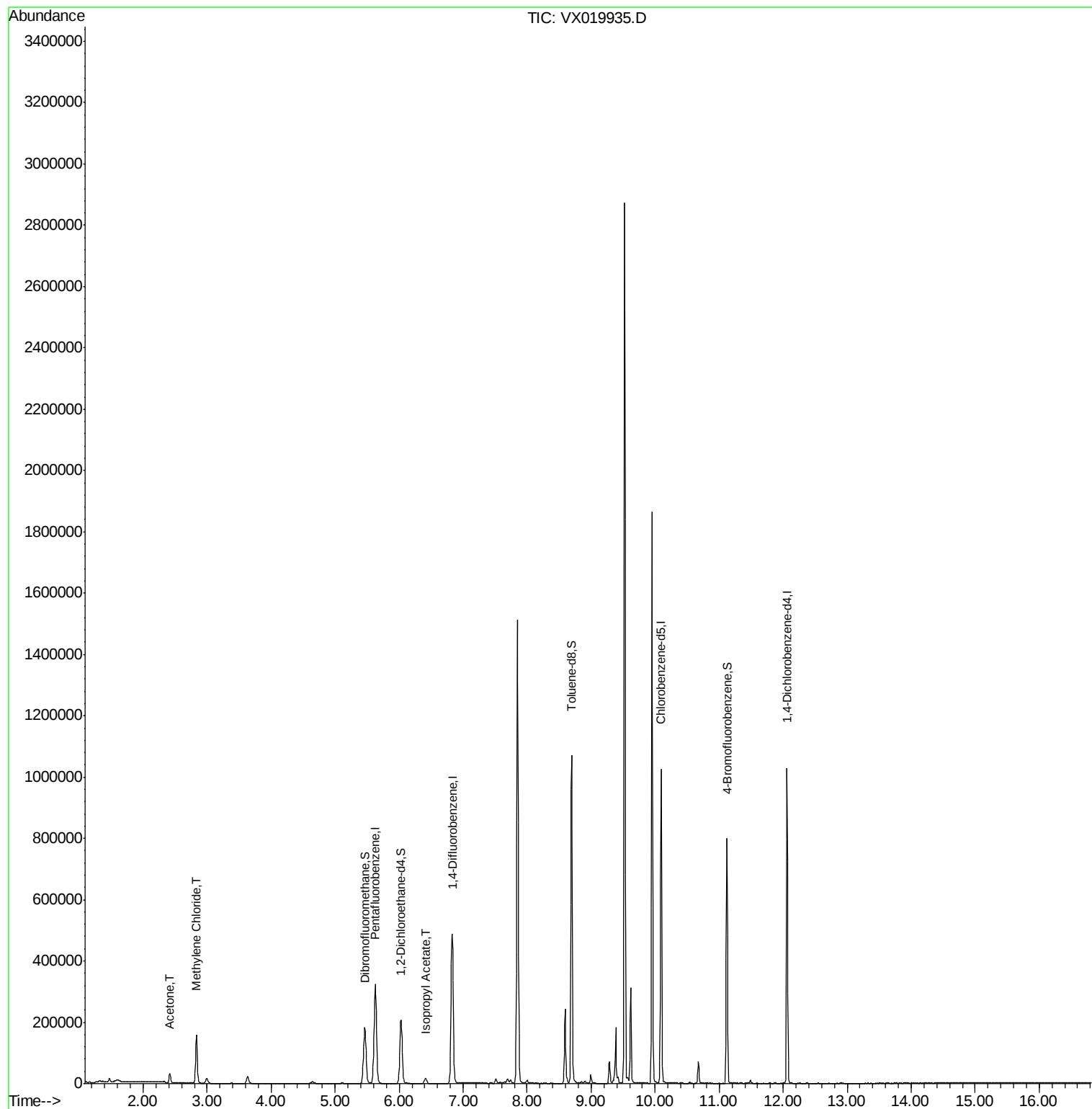
Target Compounds					Qvalue
16) Acetone	2.42	43	31108	20.649 ug/l	99
20) Methylene Chloride	2.83	84	75755	21.208 ug/l	99
43) Isopropyl Acetate	6.41	43	22466	2.972 ug/l	98

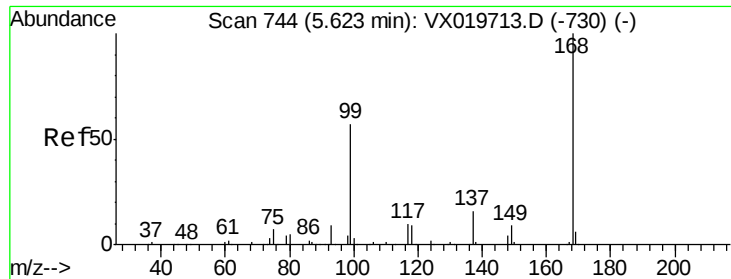
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121220\
Data File : VX019935.D
Acq On : 12 Dec 2020 16:24
Operator : JC/MD
Sample : PB133501ZHE#16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#16

Quant Time: Dec 14 08:33:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019935.D

Acq: 12 Dec 2020 16:24

Instrument :

MSVOA_X

ClientSampleId :

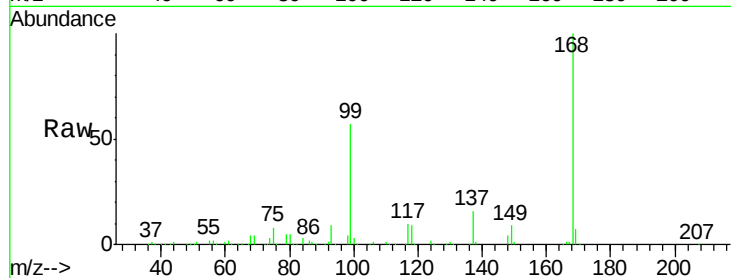
PB133501ZHE#16

Tot Ion:168 Resp: 304949

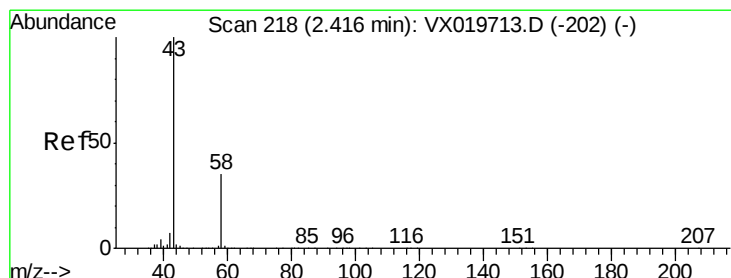
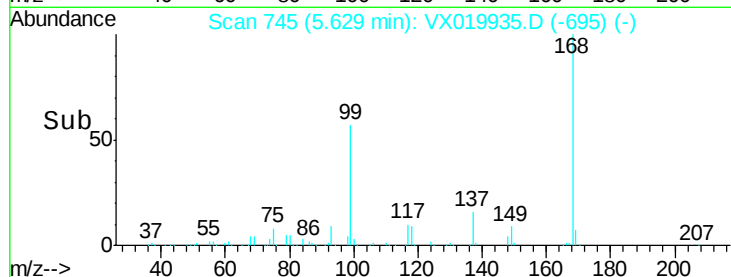
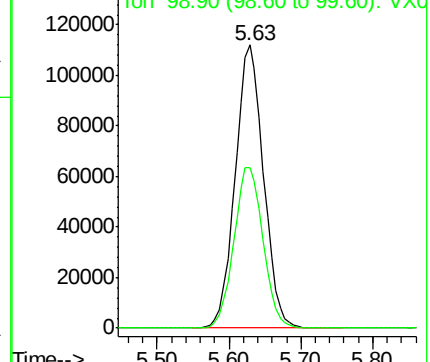
Ion Ratio Lower Upper

168 100

99 56.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 20.649 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019935.D

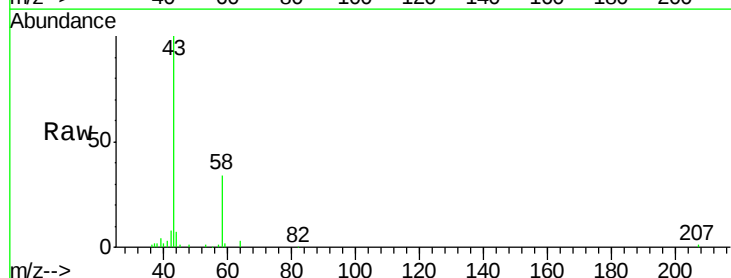
Acq: 12 Dec 2020 16:24

Tgt Ion: 43 Resp: 31108

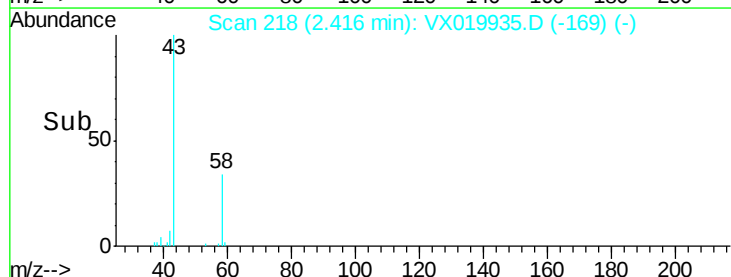
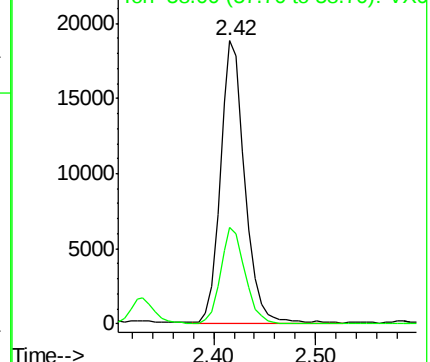
Ion Ratio Lower Upper

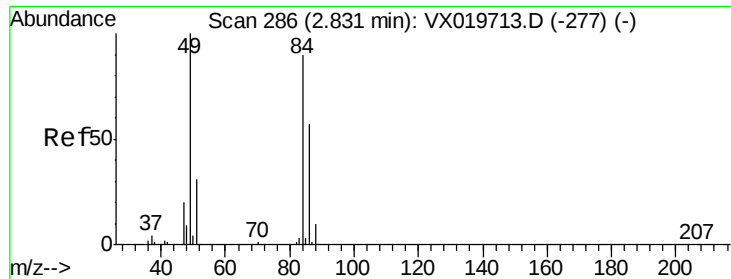
43 100

58 34.1 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

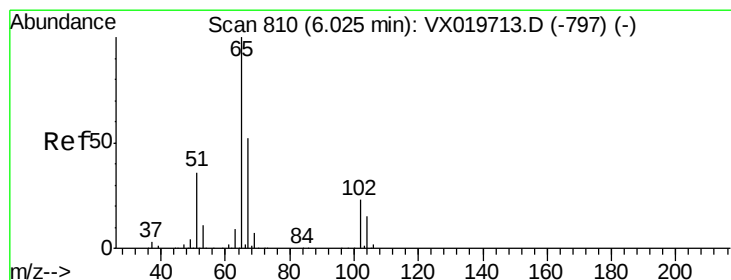
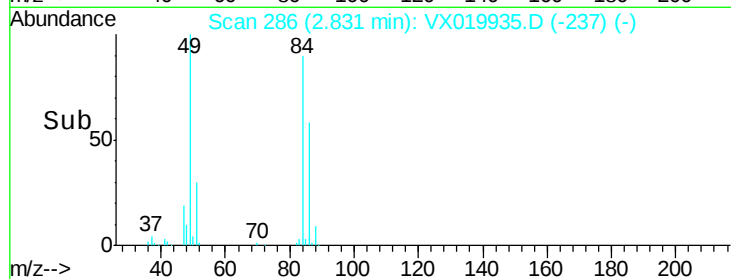
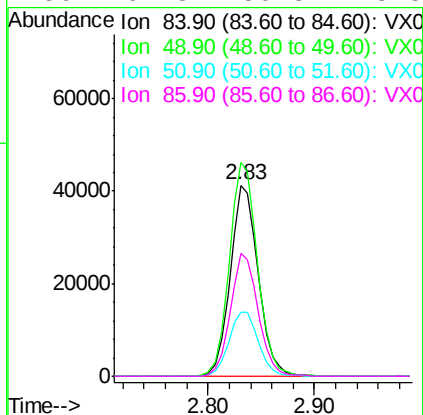
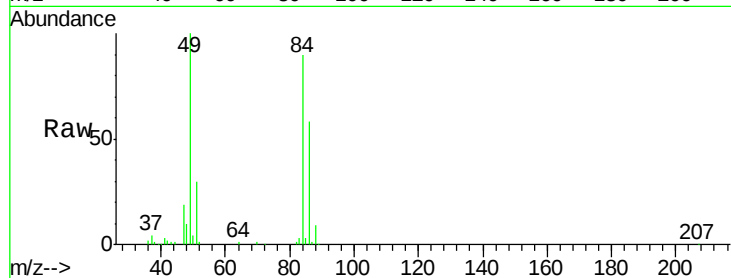




#20
Methvlene Chloride
Concen: 21.208 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019935.D
Acq: 12 Dec 2020 16:24

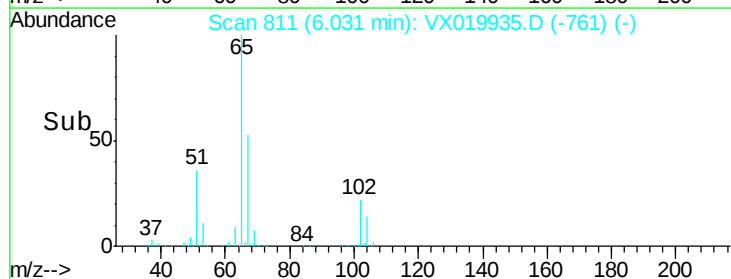
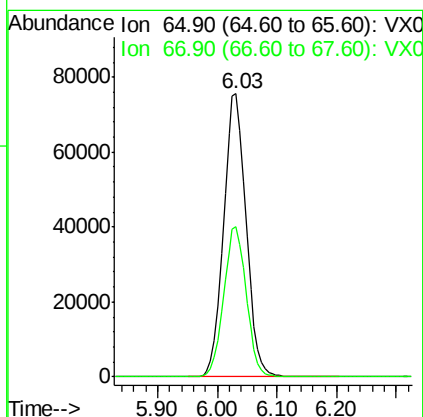
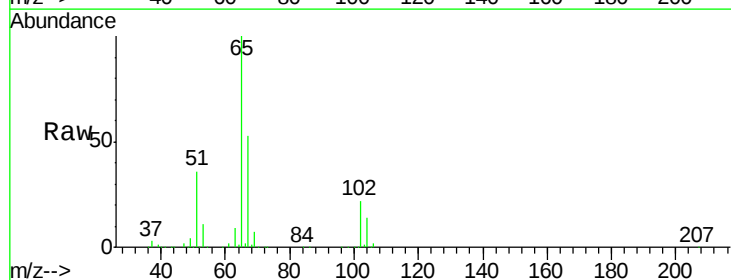
Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#16

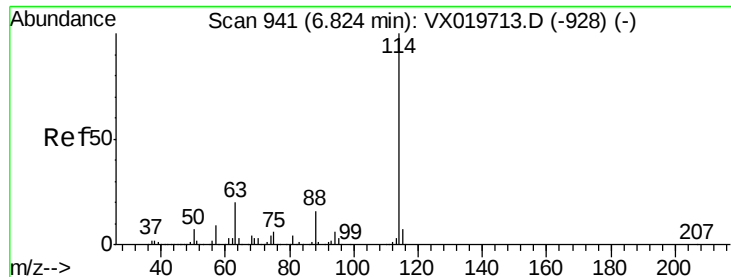
Tot Ion: 84 Resp: 75755
Ion Ratio Lower Upper
84 100
49 111.7 88.6 132.8
51 33.7 27.0 40.6
86 64.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 49.525 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019935.D
Acq: 12 Dec 2020 16:24

Tgt Ion: 65 Resp: 198492
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019935.D

Acq: 12 Dec 2020 16:24

Instrument :

MSVOA_X

ClientSampleId :

PB133501ZHE#16

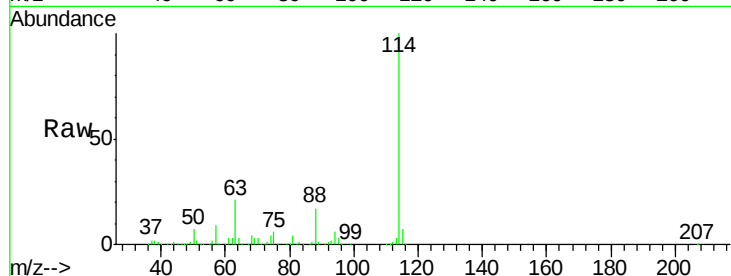
Tot Ion:114 Resp: 509599

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

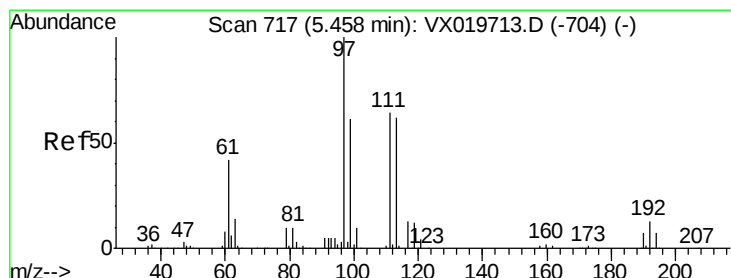
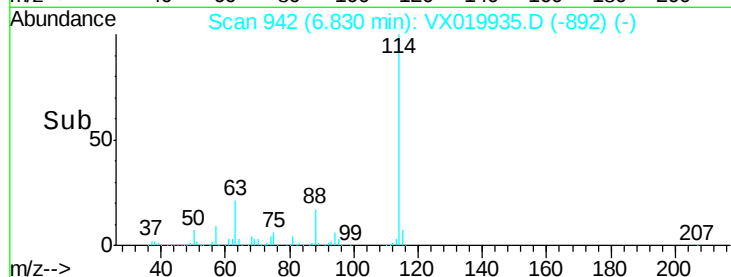
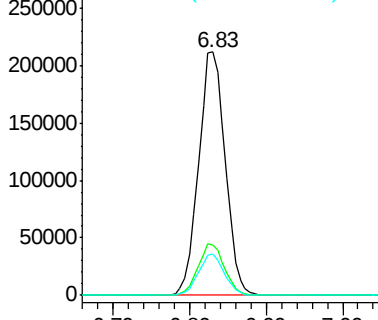
88 16.8 0.0 32.8



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: 48.594 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019935.D

Acq: 12 Dec 2020 16:24

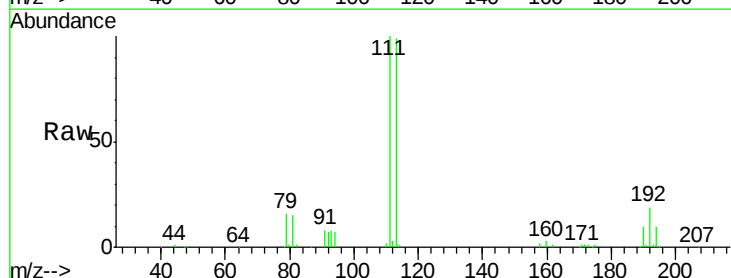
Tgt Ion:113 Resp: 160044

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

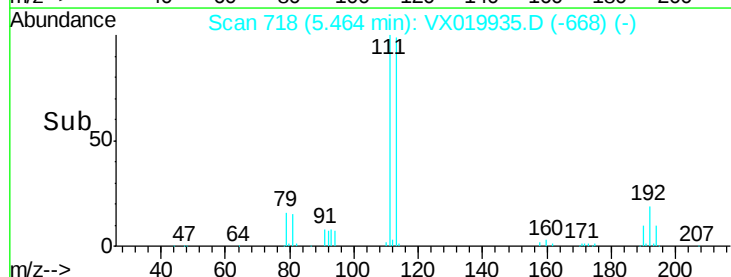
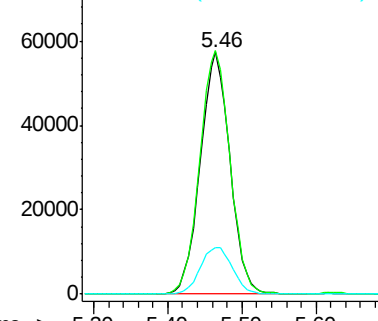
192 20.9 16.7 25.1

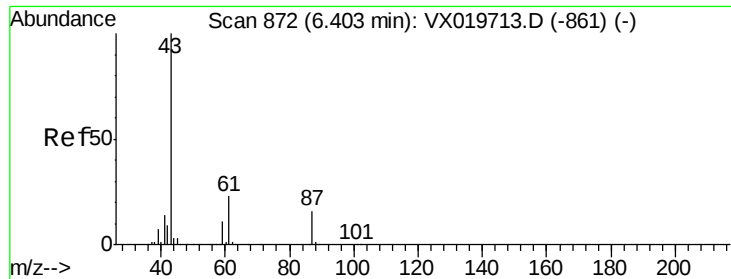


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.972 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019935.D

Acq: 12 Dec 2020 16:24

Instrument :

MSVOA_X

ClientSampleId :

PB133501ZHE#16

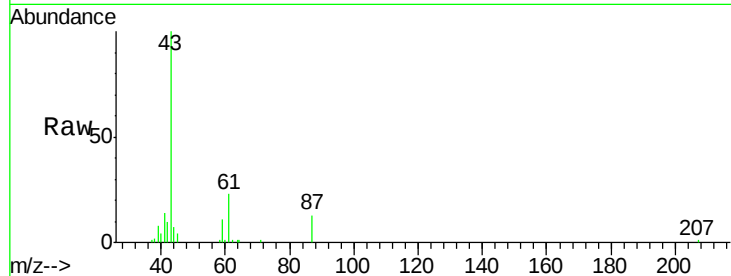
Tot Ion: 43 Resp: 22466

Ion Ratio Lower Upper

43 100

61 21.9 18.2 27.4

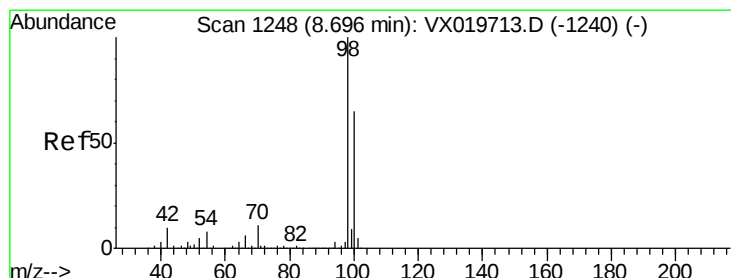
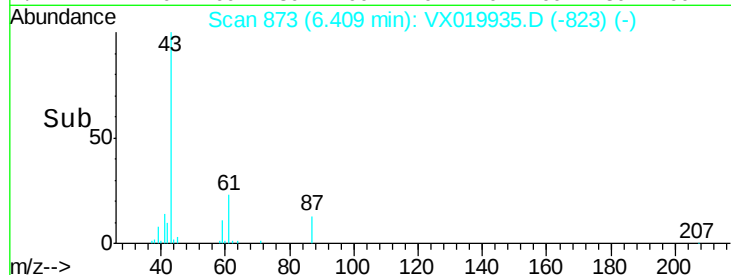
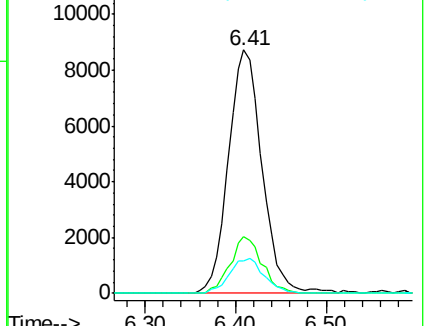
87 14.7 12.5 18.7



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: 50.231 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019935.D

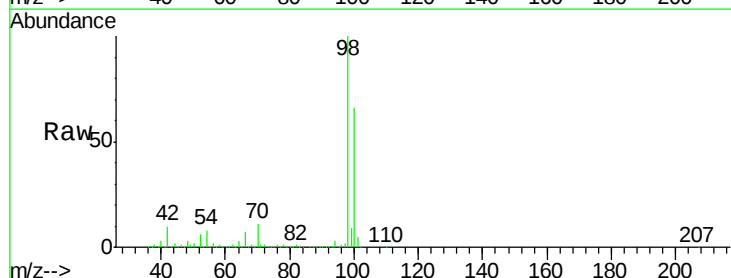
Acq: 12 Dec 2020 16:24

Tgt Ion: 98 Resp: 631583

Ion Ratio Lower Upper

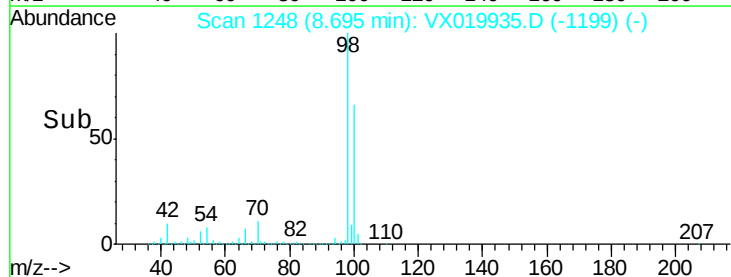
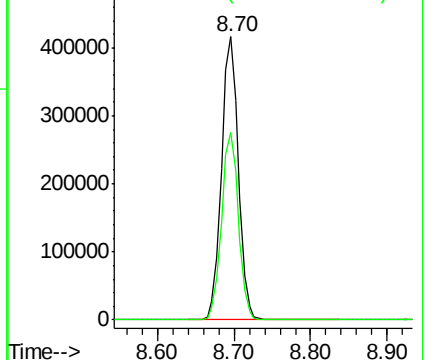
98 100

100 66.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.601 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019935.D

Acq: 12 Dec 2020 16:24

Instrument :

MSVOA_X

ClientSampleId :

PB133501ZHE#16

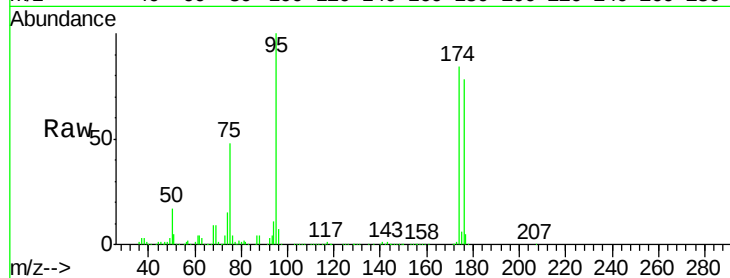
Tot Ion: 95 Resp: 223019

Ion Ratio Lower Upper

95 100

174 77.3 0.0 154.6

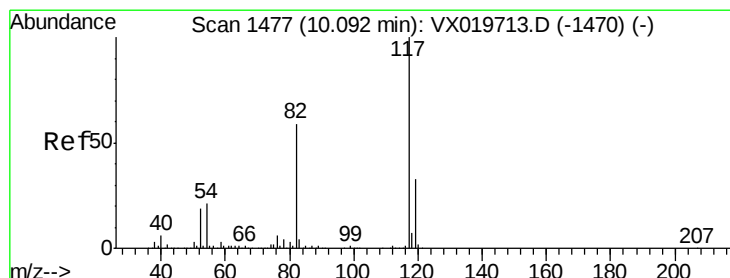
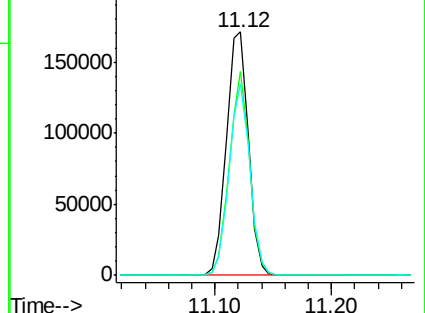
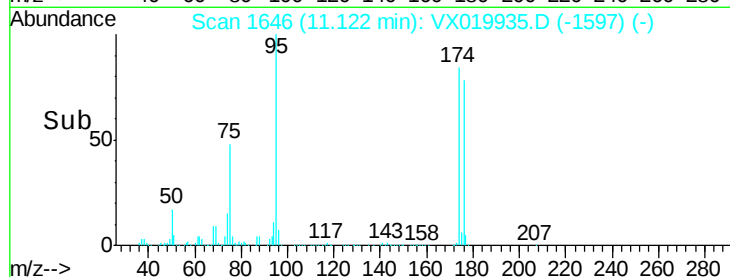
176 74.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019935.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019935.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019935.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019935.D

Acq: 12 Dec 2020 16:24

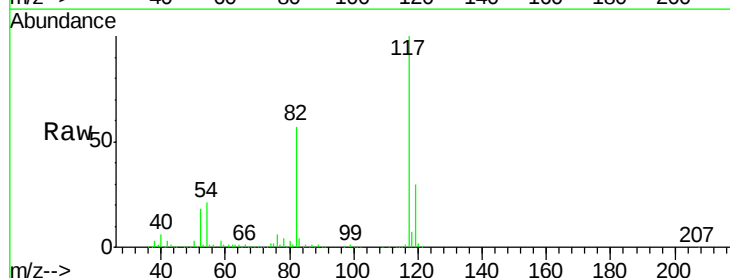
Tgt Ion: 117 Resp: 483943

Ion Ratio Lower Upper

117 100

82 56.9 47.4 71.2

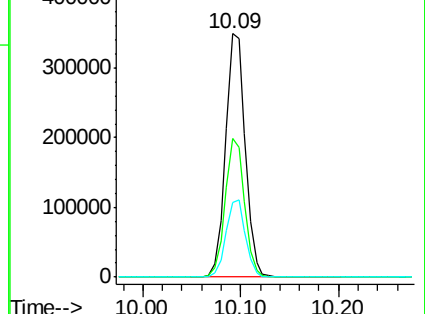
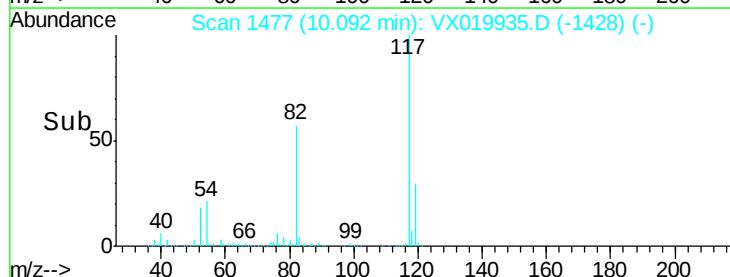
119 30.4 26.6 39.8

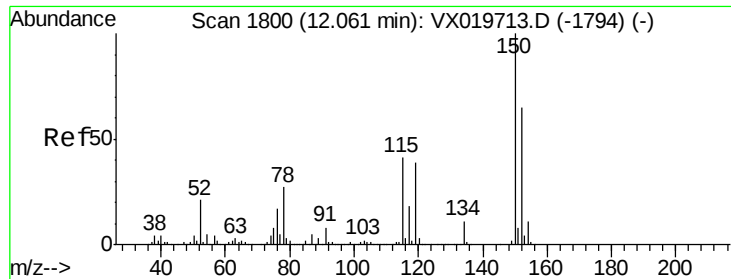


Abundance Ion 116.90 (116.60 to 117.60): VX019935.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019935.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019935.D (-1428) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019935.D

Acq: 12 Dec 2020 16:24

Instrument :

MSVOA_X

ClientSampleId :

PB133501ZHE#16

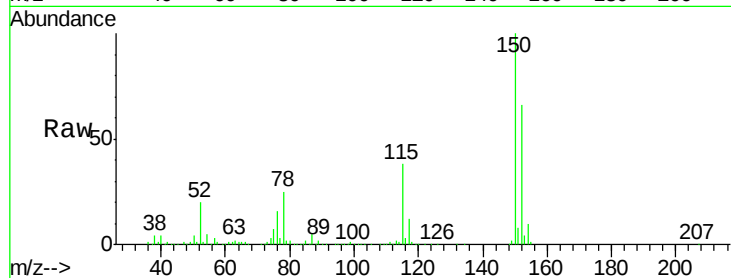
Tot Ion:152 Resp: 210417

Ion Ratio Lower Upper

152 100

115 58.7 41.1 123.3

150 153.8 0.0 349.0



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

