

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019576.D
 Acq On : 24 Nov 2020 01:59
 Operator : JC/MD
 Sample : PB133157ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133157ZHE#06

Quant Time: Nov 24 05:54:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	339338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	551194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	485980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205331	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	202886	46.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.22%	
35) Dibromofluoromethane		5.46	113	162854	47.07	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.14%	
50) Toluene-d8		8.70	98	656434	48.83	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.66%	
62) 4-Bromofluorobenzene		11.12	95	228253	47.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.38%	

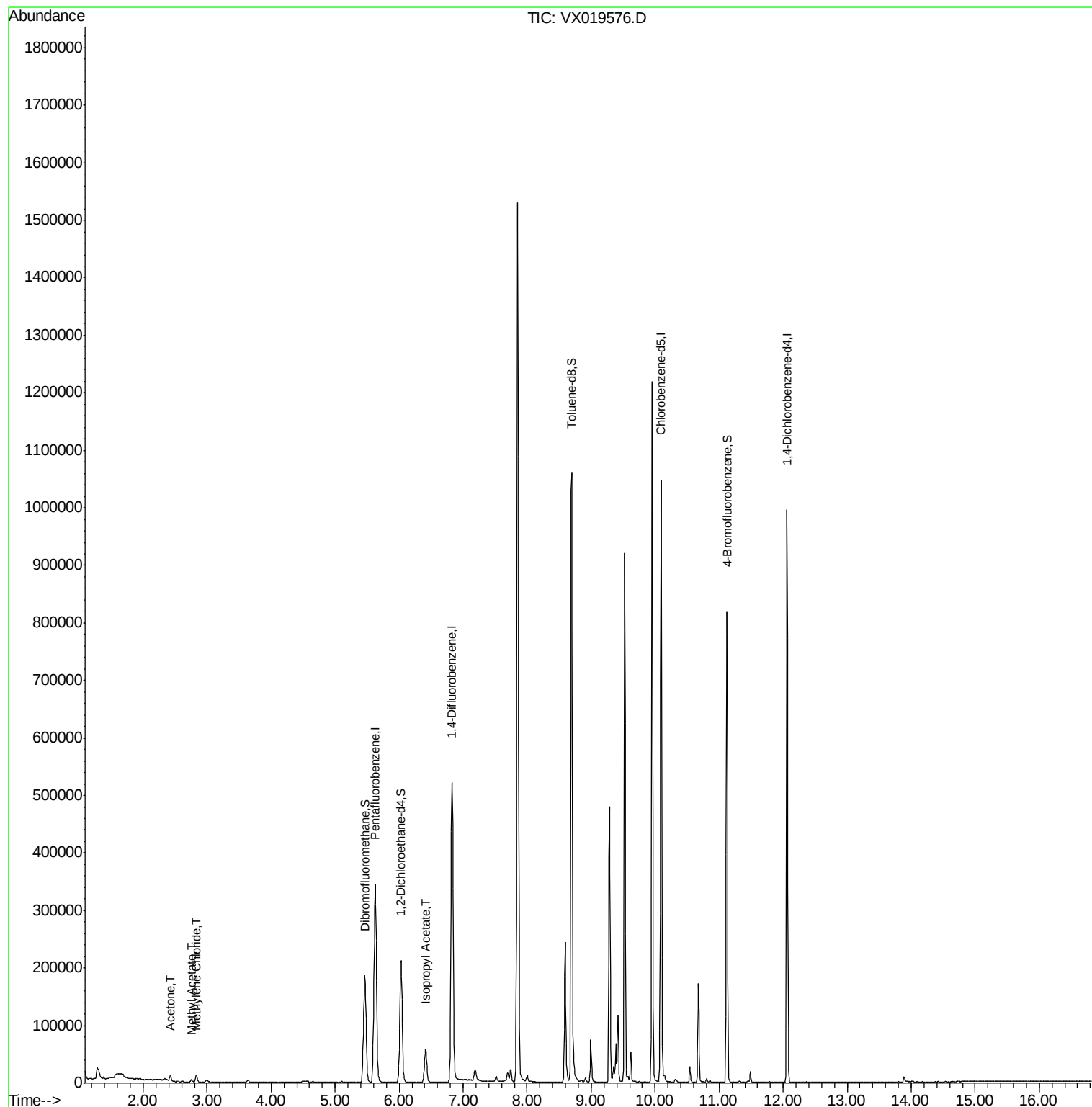
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	11155	6.556	ug/l	# 87
18) Methyl Acetate	2.75	43	5938	2.040	ug/l	98
20) Methylene Chloride	2.83	84	6244	1.468	ug/l	97
43) Isopropyl Acetate	6.41	43	79945	9.803	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112320\
Data File : VX019576.D
Acq On : 24 Nov 2020 01:59
Operator : JC/MD
Sample : PB133157ZHE#06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#06

Quant Time: Nov 24 05:54:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019576.D

Acq: 24 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

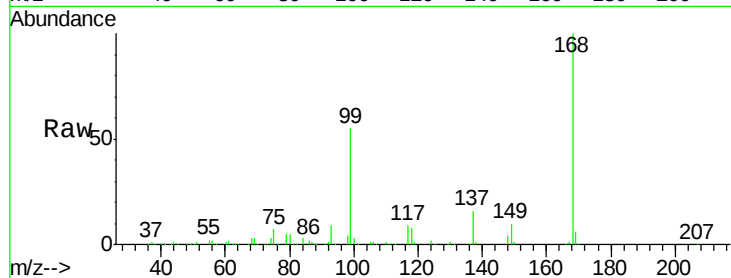
PB133157ZHE#06

Tot Ion:168 Resp: 339338

Ion Ratio Lower Upper

168 100

99 54.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

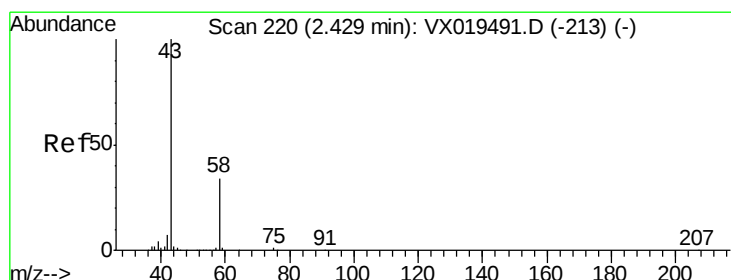
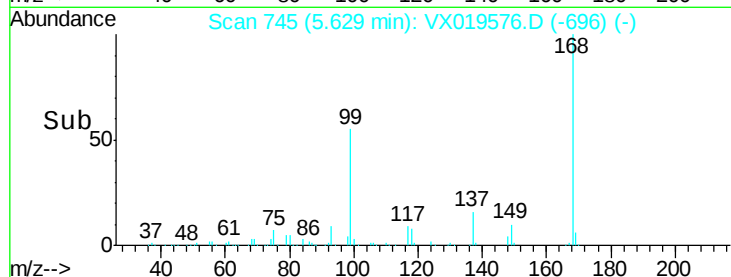
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.556 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019576.D

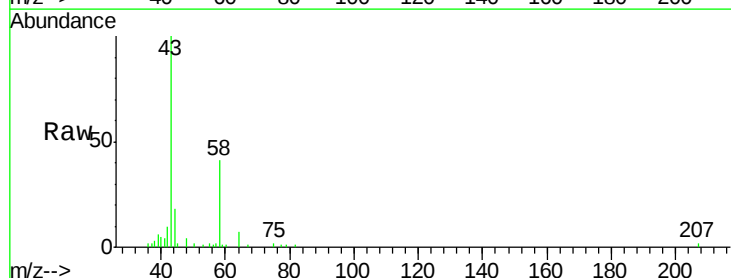
Acq: 24 Nov 2020 01:59

Tgt Ion: 43 Resp: 11155

Ion Ratio Lower Upper

43 100

58 41.9 27.4 41.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

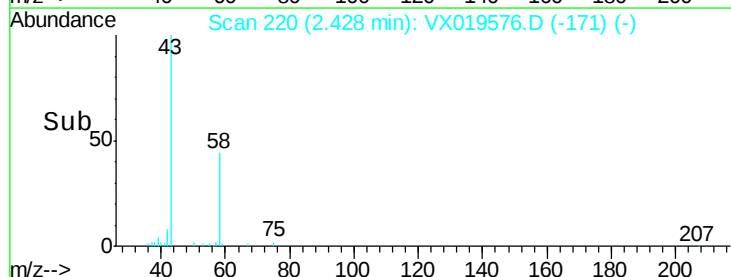
4000

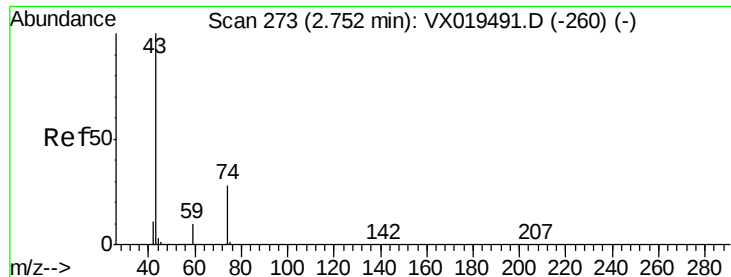
2000

0

Time-->

2.40 2.50

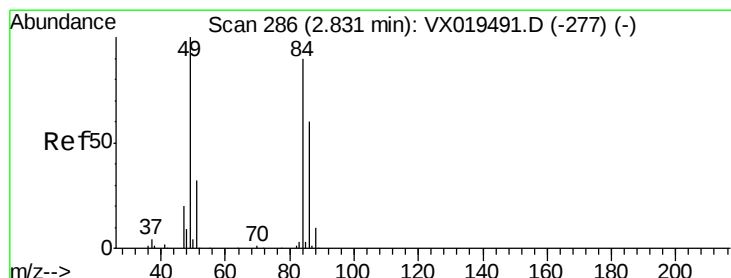
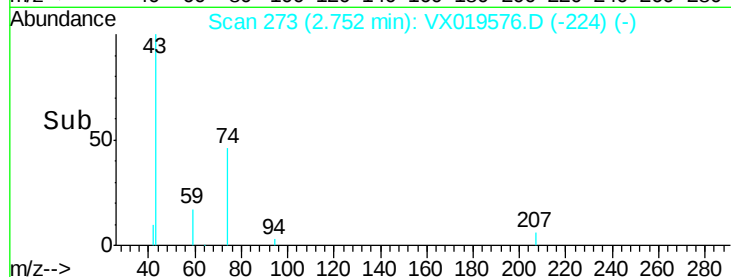
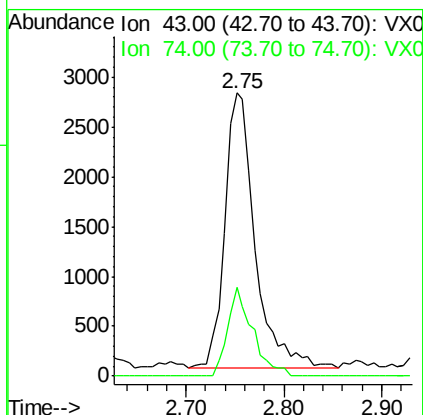
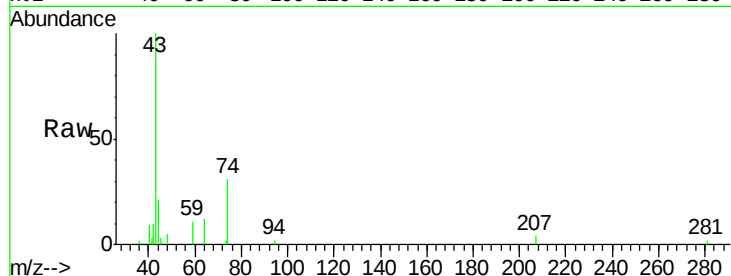




#18
Methvl Acetate
Concen: 2.040 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019576.D
Acq: 24 Nov 2020 01:59

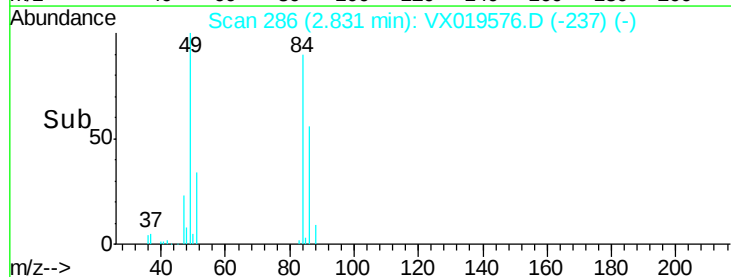
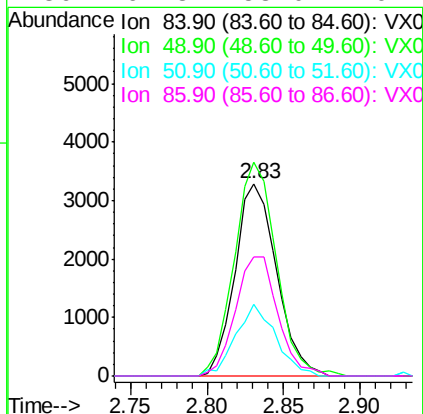
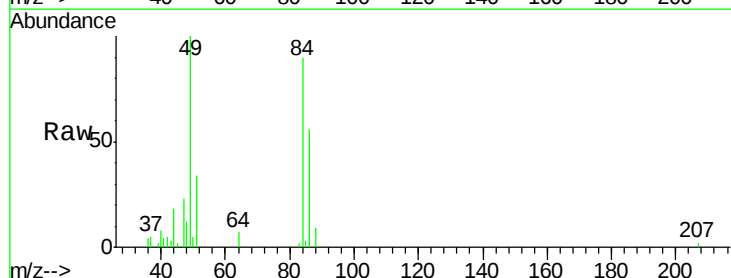
Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#06

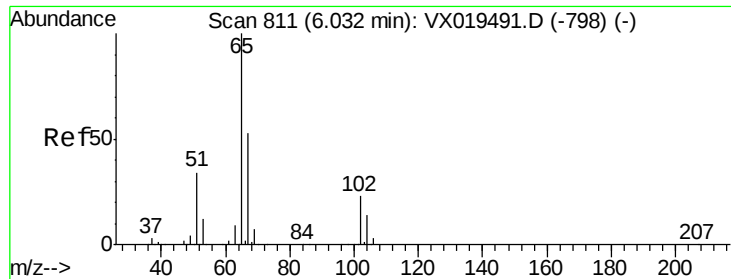
Tot Ion: 43 Resp: 5938
Ion Ratio Lower Upper
43 100
74 26.7 22.2 33.4



#20
Methylene Chloride
Concen: 1.468 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019576.D
Acq: 24 Nov 2020 01:59

Tgt Ion: 84 Resp: 6244
Ion Ratio Lower Upper
84 100
49 111.0 88.5 132.7
51 37.2 28.0 42.0
86 61.8 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 46.113 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019576.D

Acq: 24 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

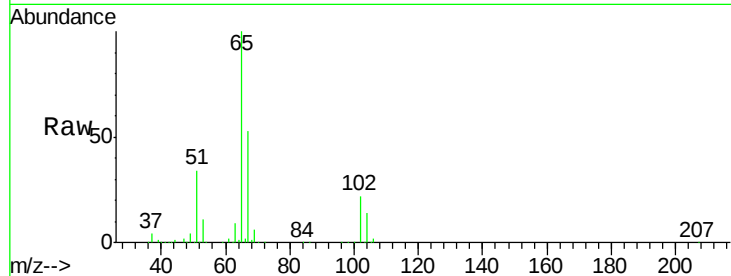
PB133157ZHE#06

Tot Ion: 65 Resp: 202886

Ion Ratio Lower Upper

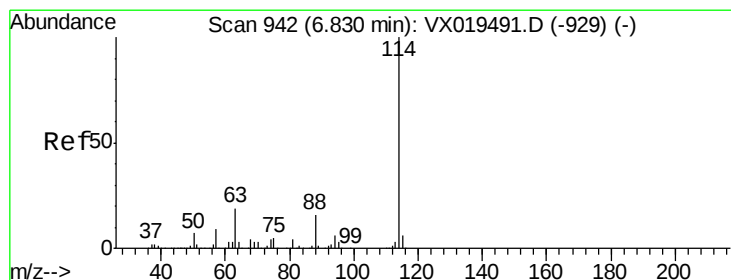
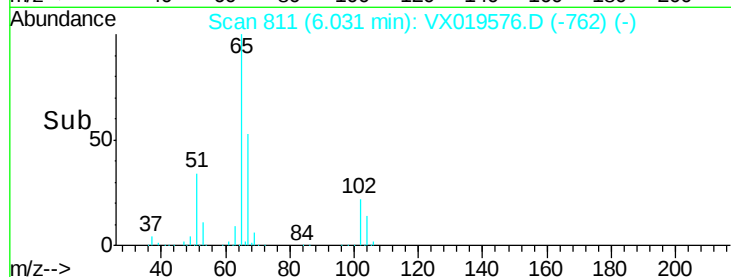
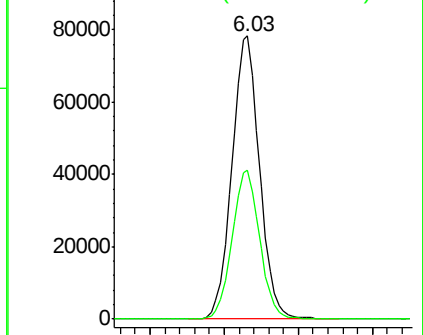
65 100

67 52.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019576.D

Acq: 24 Nov 2020 01:59

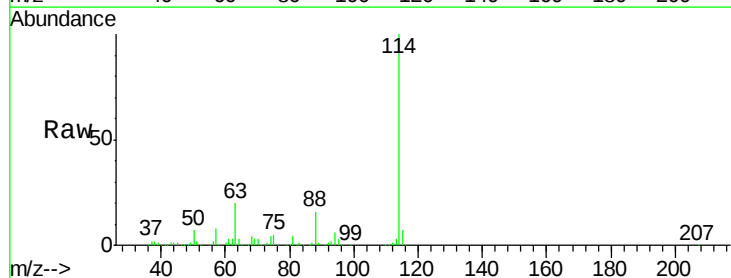
Tgt Ion: 114 Resp: 551194

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

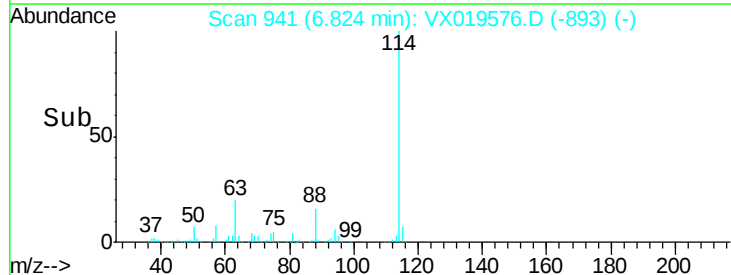
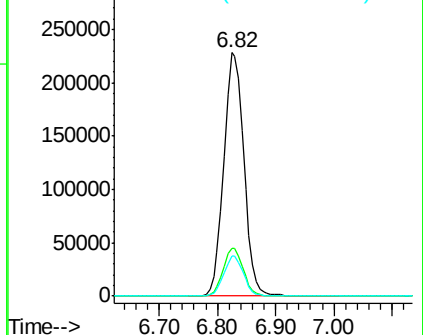
88 16.3 0.0 31.6

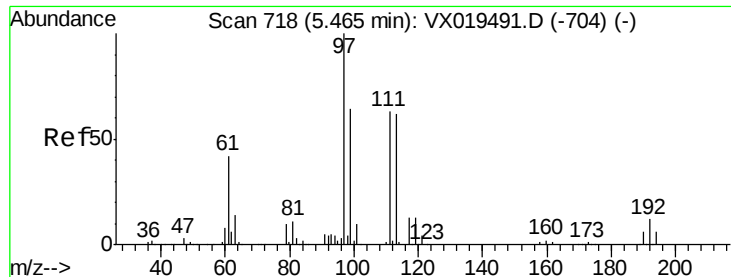


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

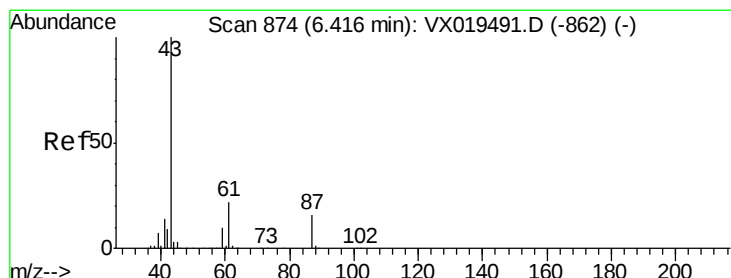
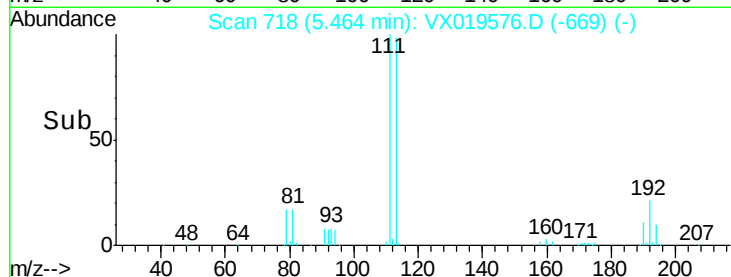
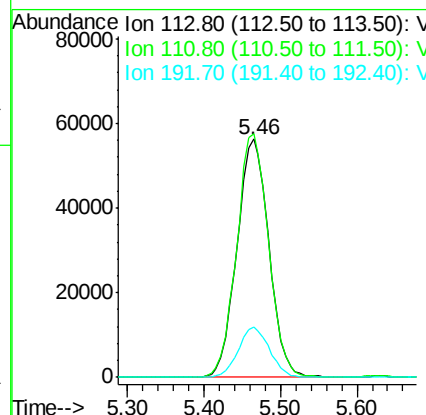
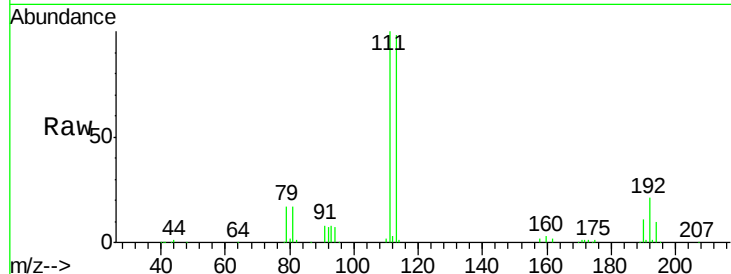




#35
 Dibromofluoromethane
 Concen: 47.070 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019576.D
 Acq: 24 Nov 2020 01:59

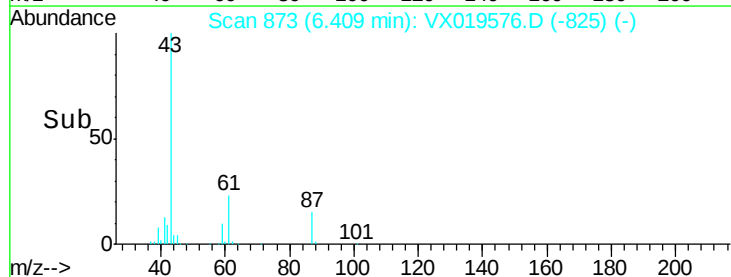
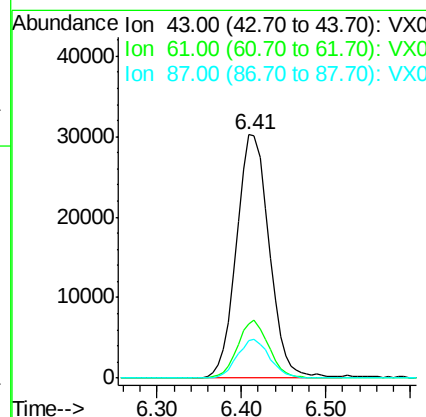
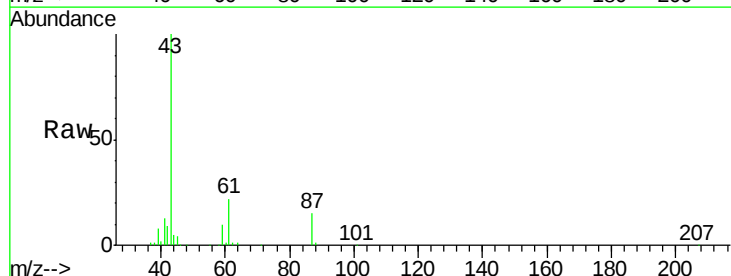
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133157ZHE#06

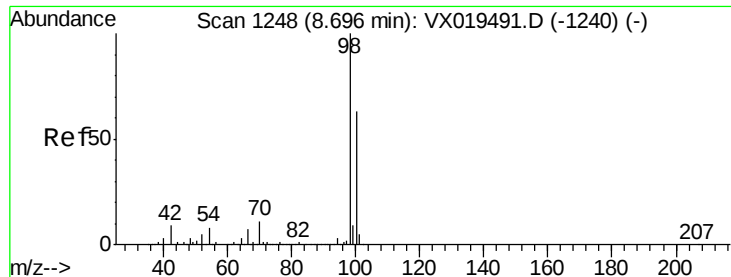
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	20.5	16.2	24.2



#43
 Isopropyl Acetate
 Concen: 9.803 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019576.D
 Acq: 24 Nov 2020 01:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.2
87	15.5	12.6	18.8





#50

Toluene-d8

Concen: 48.825 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019576.D

Acq: 24 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

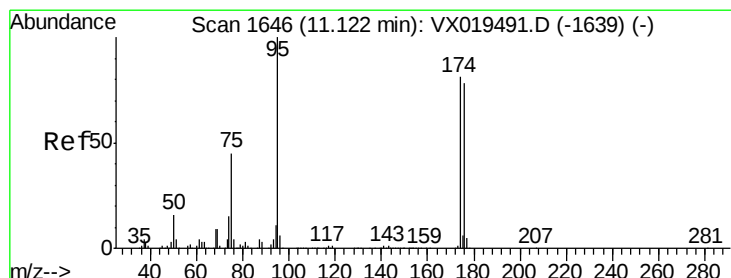
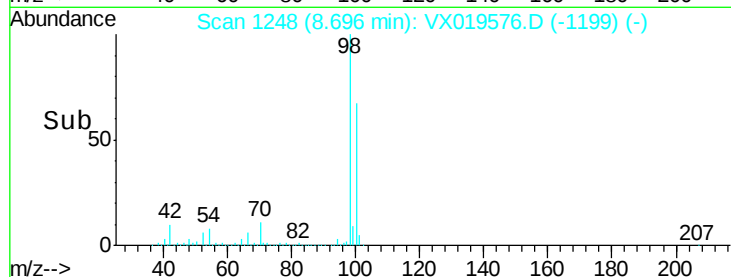
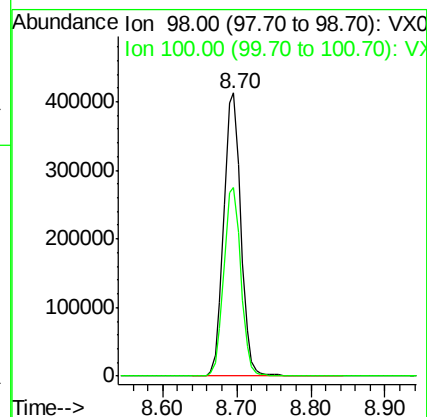
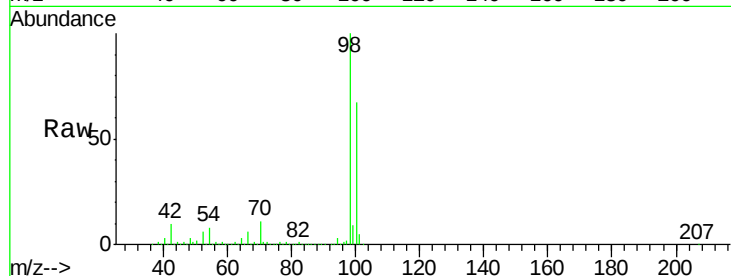
PB133157ZHE#06

Tot Ion: 98 Resp: 656434

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.187 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019576.D

Acq: 24 Nov 2020 01:59

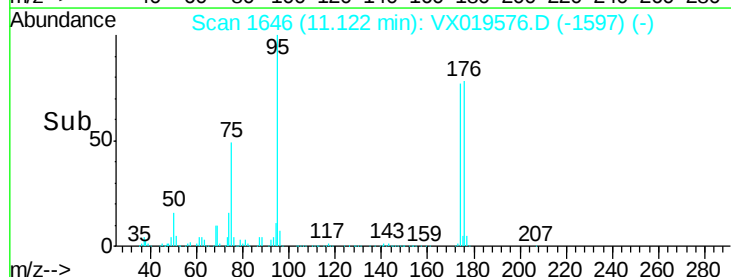
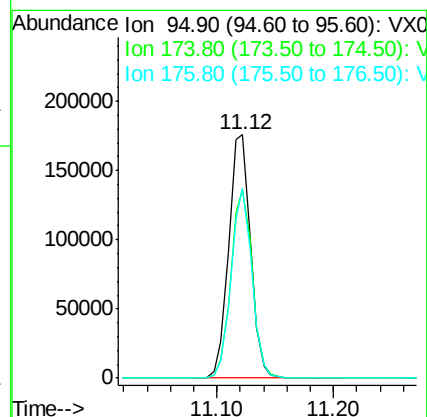
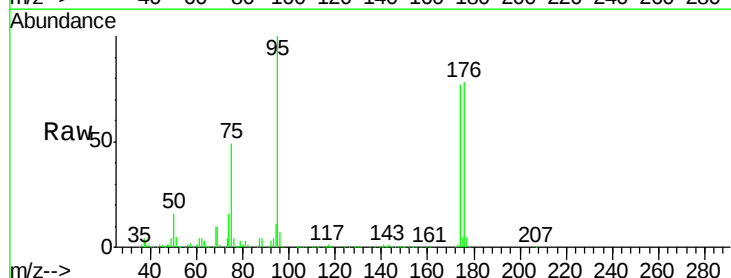
Tgt Ion: 95 Resp: 228253

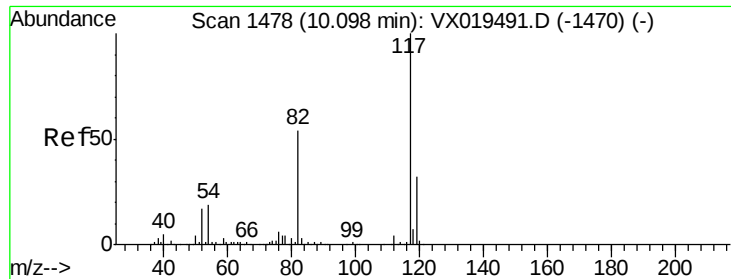
Ion Ratio Lower Upper

95 100

174 76.5 0.0 156.2

176 74.2 0.0 151.4

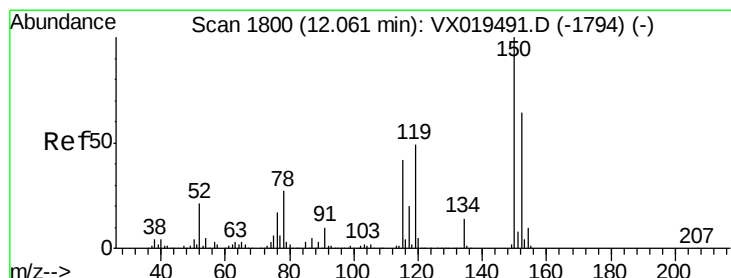
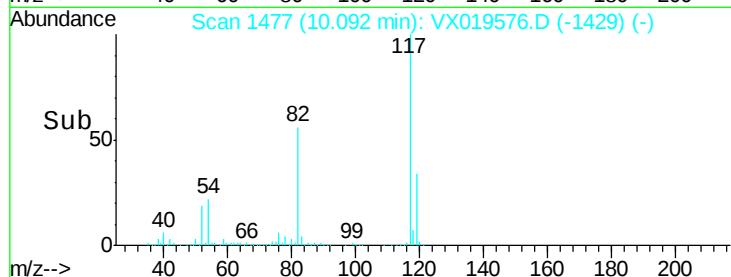
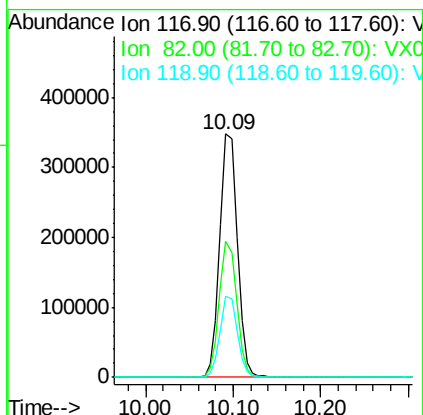
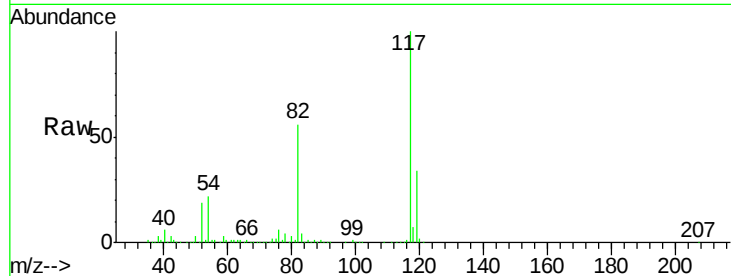




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019576.D
Acq: 24 Nov 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#06

Tot Ion:117 Resp: 485980
Ion Ratio Lower Upper
117 100
82 56.0 43.0 64.4
119 33.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019576.D
Acq: 24 Nov 2020 01:59

Tgt Ion:152 Resp: 205331
Ion Ratio Lower Upper
152 100
115 60.6 41.8 125.4
150 157.0 0.0 348.2

