

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113020\
 Data File : VX019676.D
 Acq On : 30 Nov 2020 13:37
 Operator : JC/MD
 Sample : PB133266ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133266ZHE#03

Quant Time: Dec 01 03:04:48 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	306302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	510318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	440575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	172247	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	193416	48.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.40%	
35) Dibromofluoromethane		5.46	113	155802	48.64	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.28%	
50) Toluene-d8		8.70	98	603764	48.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.00%	
62) 4-Bromofluorobenzene		11.12	95	197640	44.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.26%	

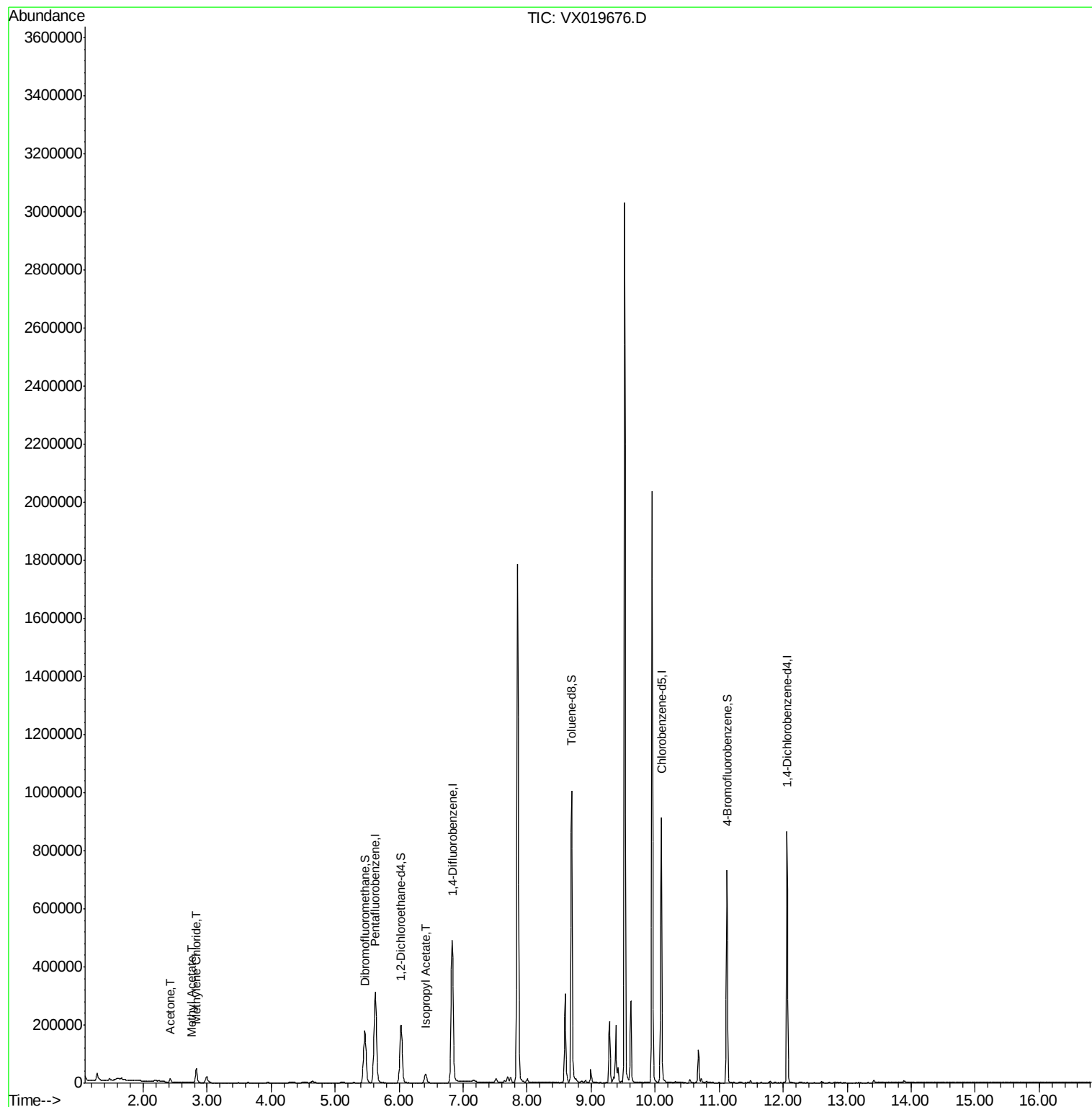
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	11613	7.561	ug/l	98
18) Methyl Acetate	2.75	43	3542	1.563	ug/l	95
20) Methylene Chloride	2.83	84	22506	5.863	ug/l	99
43) Isopropyl Acetate	6.42	43	43546	5.768	ug/l	99

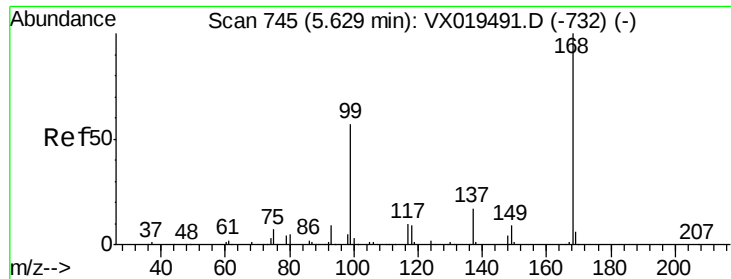
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019676.D

Acq: 30 Nov 2020 13:37

Instrument :

MSVOA_X

ClientSampleId :

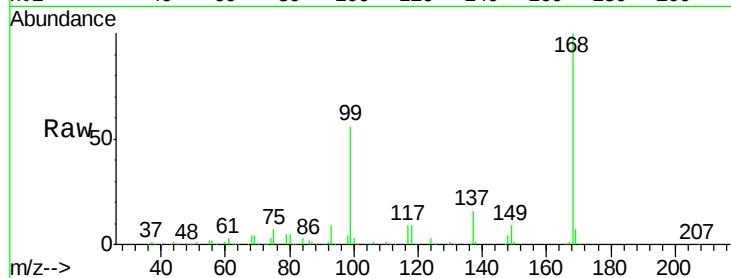
PB133266ZHE#03

Tot Ion:168 Resp: 306302

Ion Ratio Lower Upper

168 100

99 56.1 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

120000

100000

80000

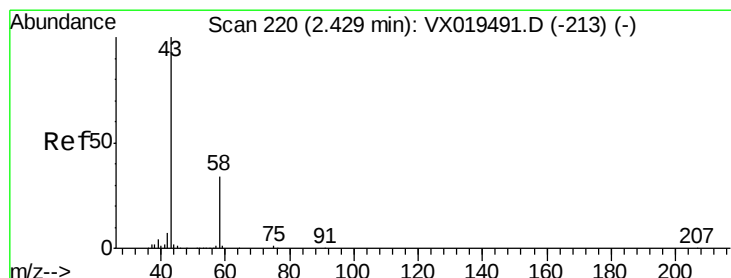
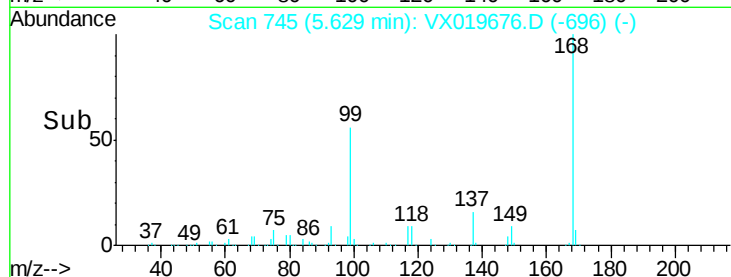
60000

40000

20000

0

Time--> 5.40 5.60 5.80



#16

Acetone

Concen: 7.561 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019676.D

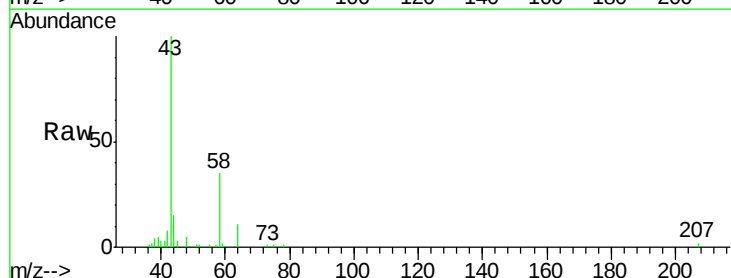
Acq: 30 Nov 2020 13:37

Tgt Ion: 43 Resp: 11613

Ion Ratio Lower Upper

43 100

58 35.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

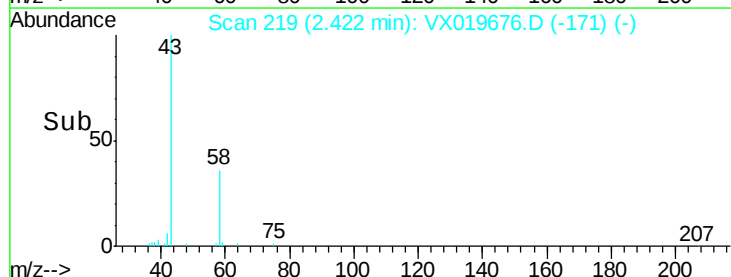
6000

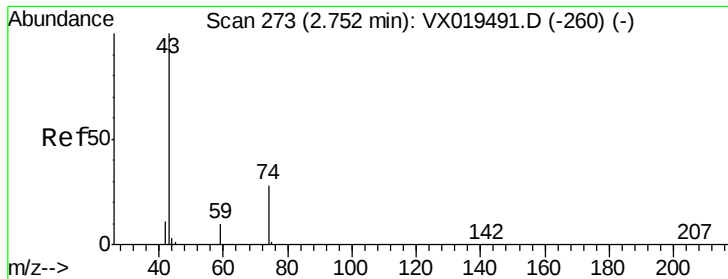
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

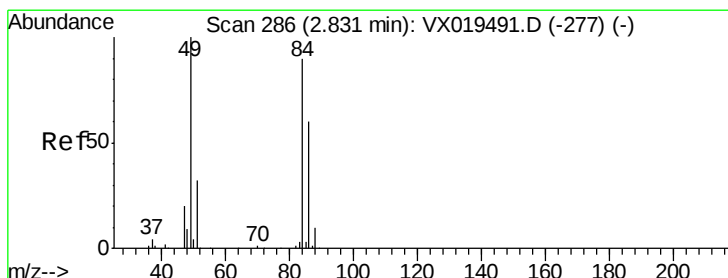
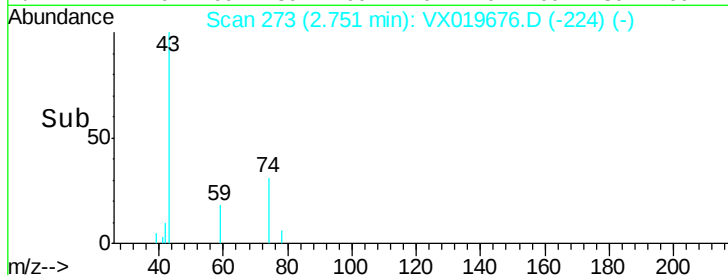
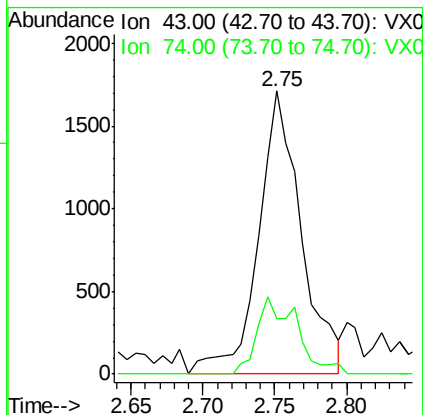
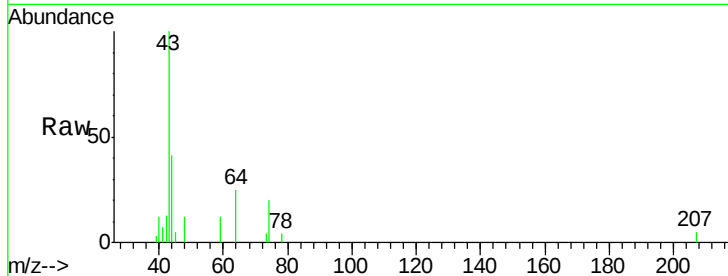




#18
Methvl Acetate
Concen: 1.563 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019676.D
Acq: 30 Nov 2020 13:37

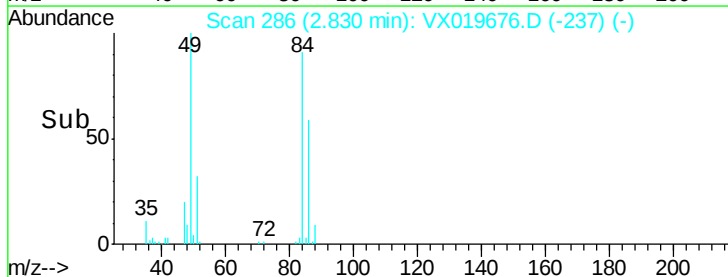
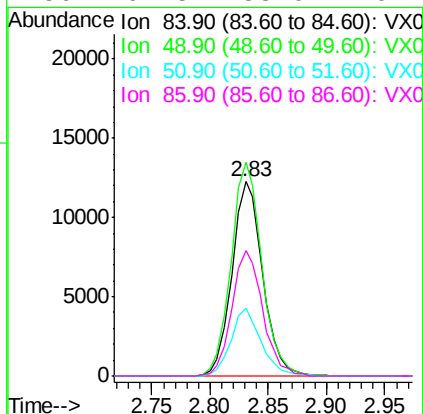
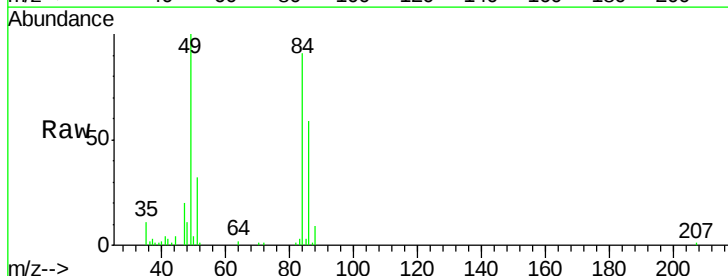
Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#03

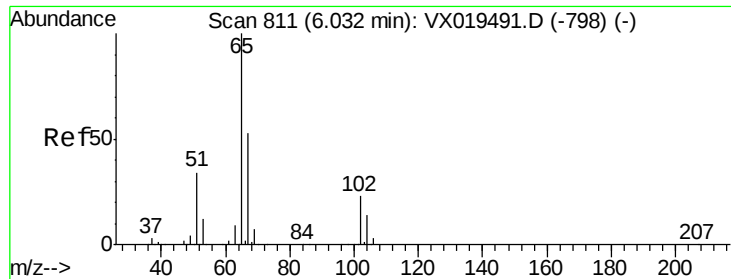
Tot Ion: 43 Resp: 3542
Ion Ratio Lower Upper
43 100
74 25.4 22.2 33.4



#20
Methylene Chloride
Concen: 5.863 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019676.D
Acq: 30 Nov 2020 13:37

Tgt Ion: 84 Resp: 22506
Ion Ratio Lower Upper
84 100
49 110.0 88.5 132.7
51 35.0 28.0 42.0
86 64.5 53.0 79.4

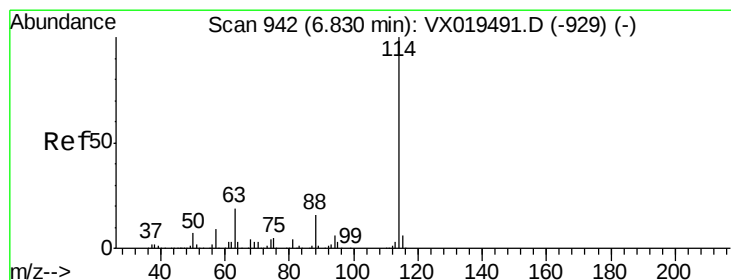
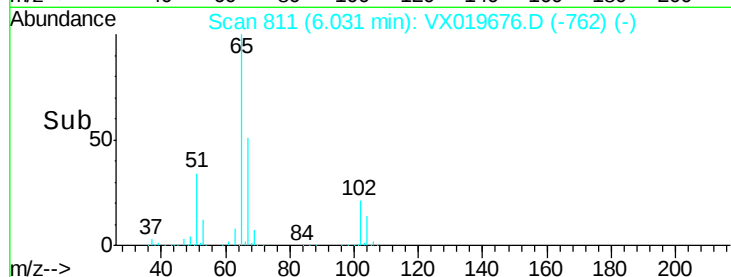
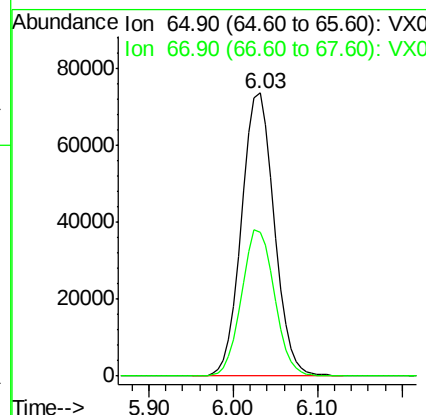
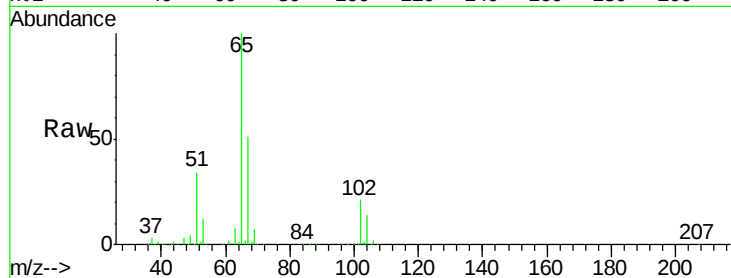




#33
 1,2-Dichloroethane-d4
 Concen: 48.701 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019676.D
 Acq: 30 Nov 2020 13:37

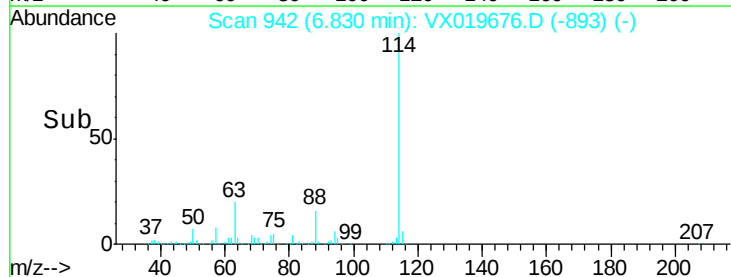
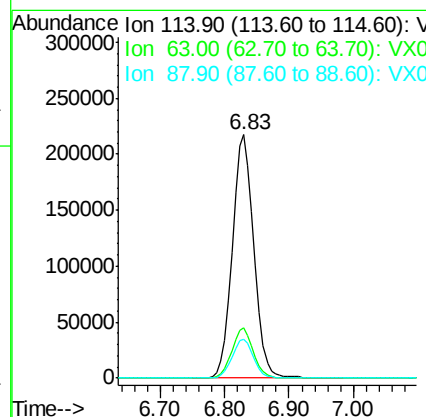
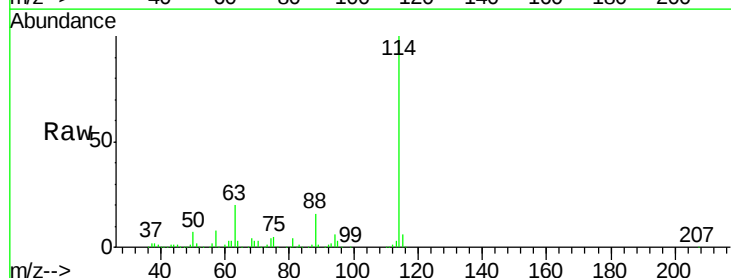
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133266ZHE#03

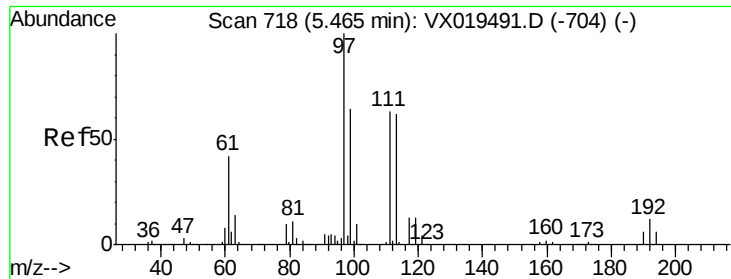
Tot Ion: 65 Resp: 193416
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019676.D
 Acq: 30 Nov 2020 13:37

Tgt Ion: 114 Resp: 510318
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.8
 88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.638 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019676.D

Acq: 30 Nov 2020 13:37

Instrument :

MSVOA_X

ClientSampleId :

PB133266ZHE#03

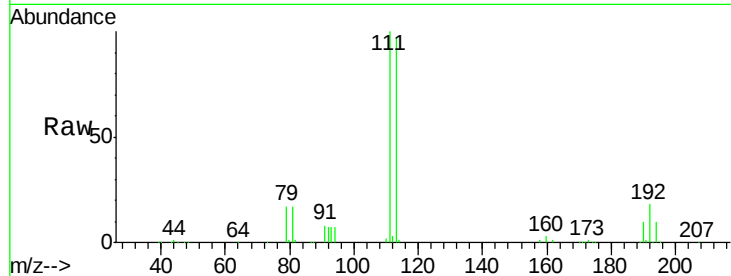
Tot Ion:113 Resp: 155802

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

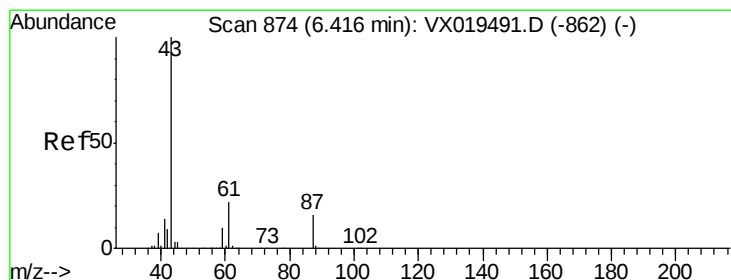
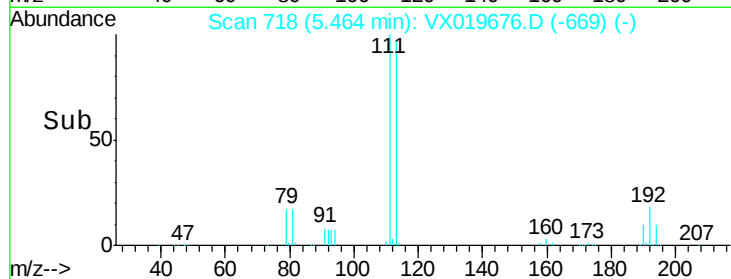
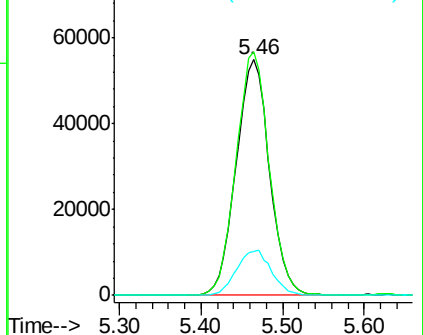
192 19.9 16.2 24.2



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: 5.768 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019676.D

Acq: 30 Nov 2020 13:37

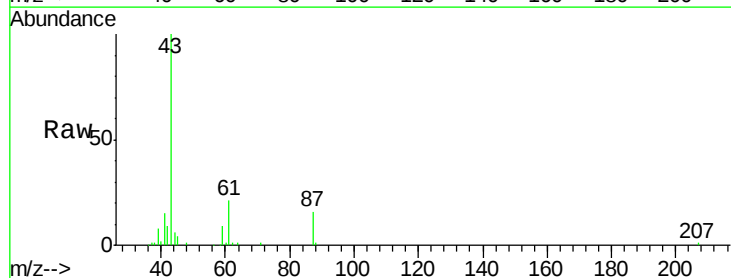
Tgt Ion: 43 Resp: 43546

Ion Ratio Lower Upper

43 100

61 22.6 18.2 27.2

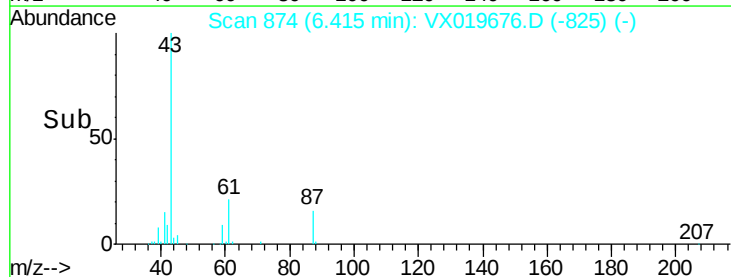
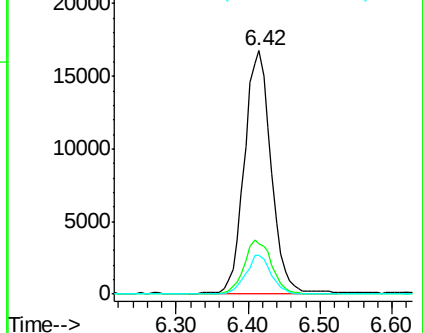
87 15.0 12.6 18.8

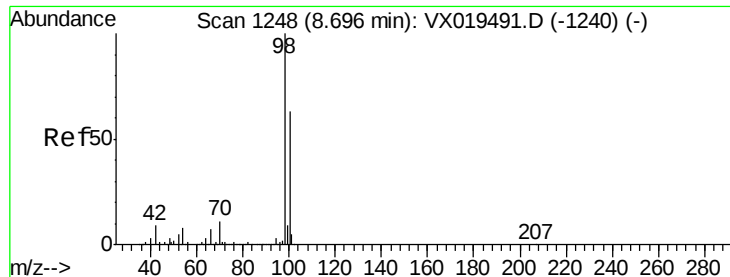


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 48.505 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019676.D

Acq: 30 Nov 2020 13:37

Instrument :

MSVOA_X

ClientSampleId :

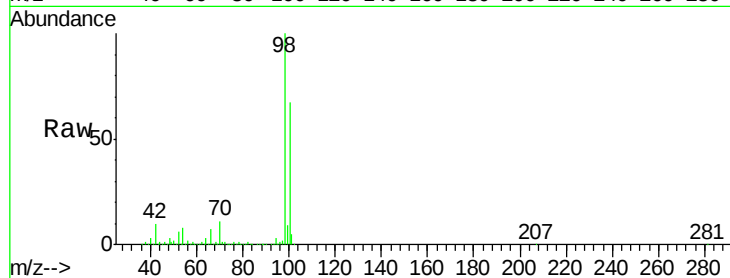
PB133266ZHE#03

Tot Ion: 98 Resp: 603764

Ion Ratio Lower Upper

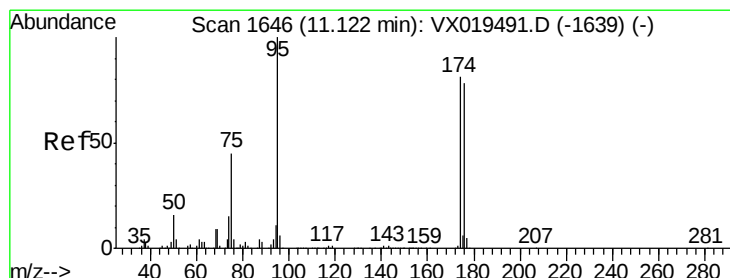
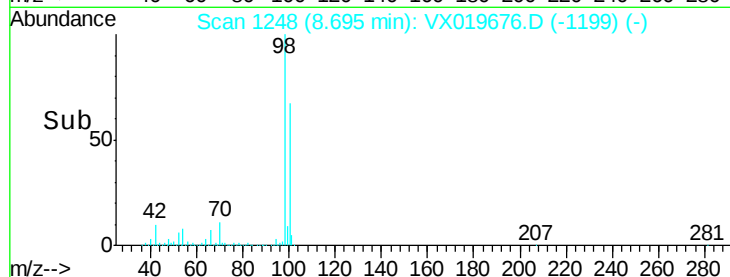
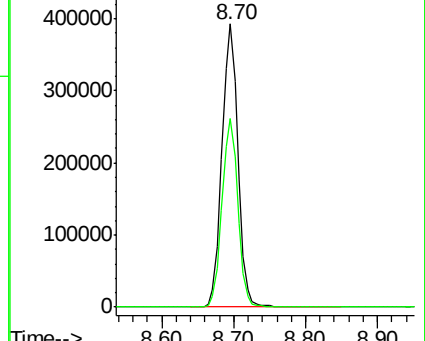
98 100

100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.131 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019676.D

Acq: 30 Nov 2020 13:37

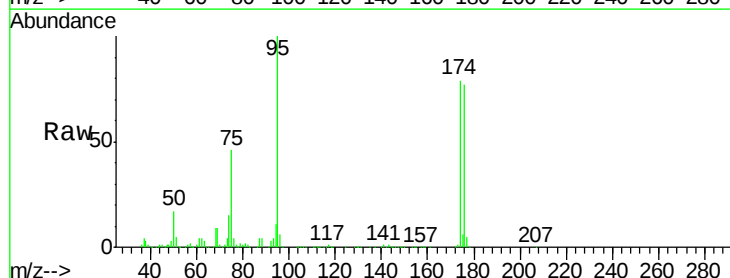
Tgt Ion: 95 Resp: 197640

Ion Ratio Lower Upper

95 100

174 76.8 0.0 156.2

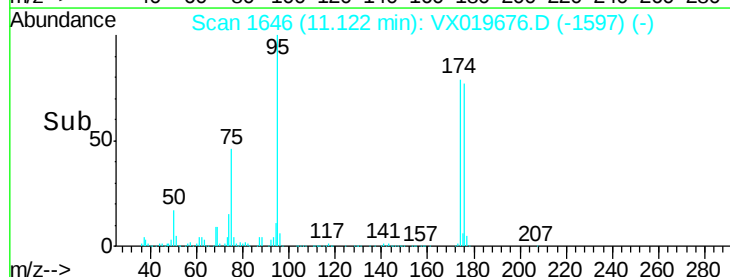
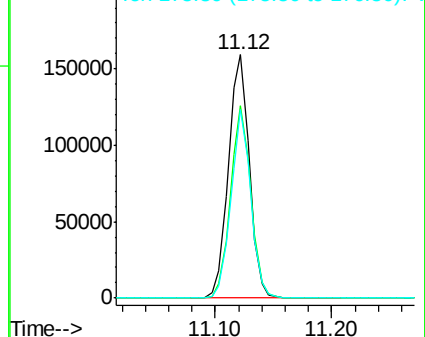
176 73.3 0.0 151.4

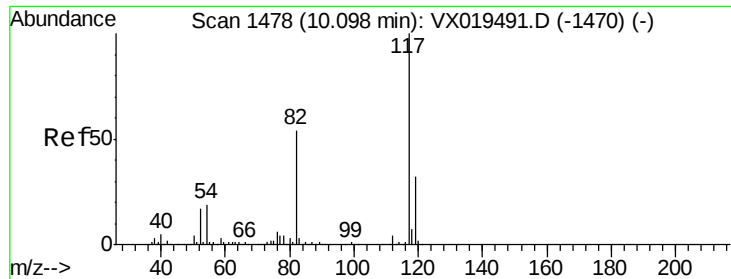


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

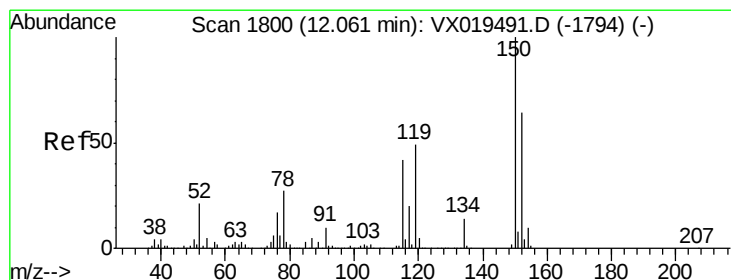
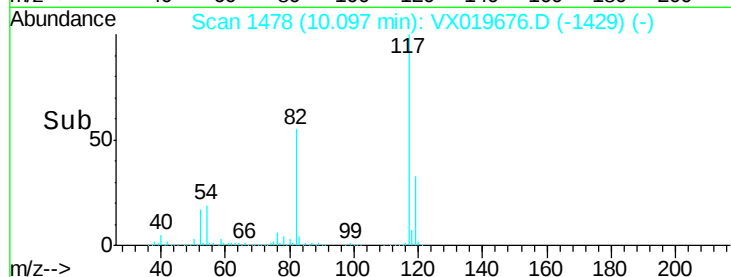
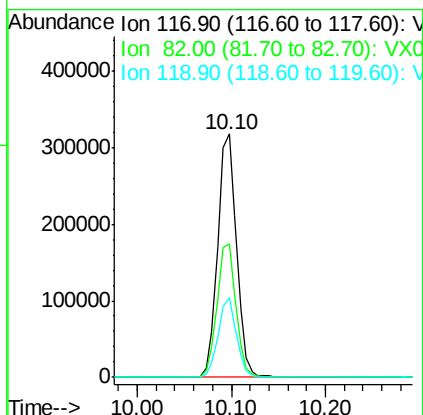
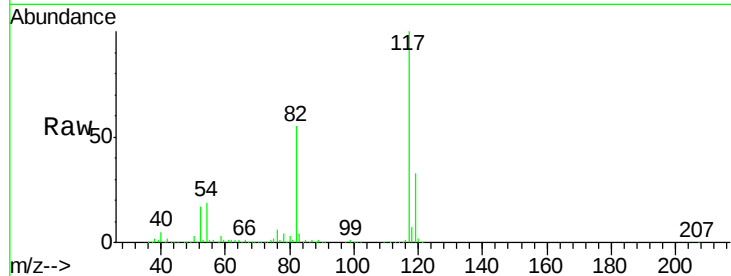




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019676.D
Acq: 30 Nov 2020 13:37

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#03

Tot Ion:117 Resp: 440575
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.8 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: VX019676.D
Acq: 30 Nov 2020 13:37

Tgt Ion:152 Resp: 172247
Ion Ratio Lower Upper
152 100
115 60.2 41.8 125.4
150 158.2 0.0 348.2

