

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019313.D
 Acq On : 05 Nov 2020 14:55
 Operator : JC/MD
 Sample : PB132824ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132824ZHE#03

Quant Time: Nov 06 01:55:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

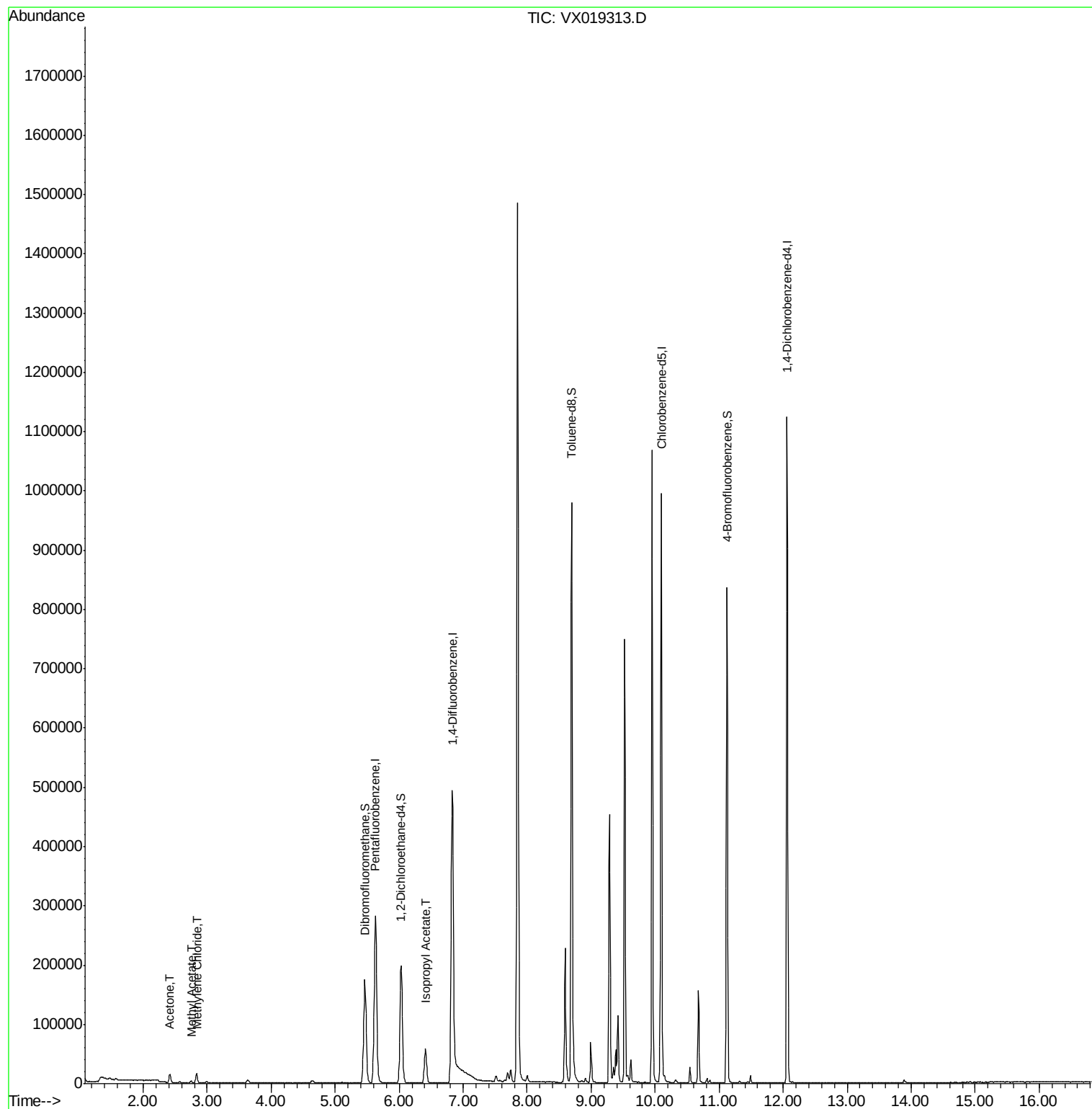
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	263424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	473489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	452304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	191738	56.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.88%	
35) Dibromofluoromethane	5.46	113	151707	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
50) Toluene-d8	8.70	98	586481	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	11.12	95	224134	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
Target Compounds						
16) Acetone	2.42	43	15632	13.338	ug/l	90
18) Methyl Acetate	2.75	43	3014	1.058	ug/l	97
20) Methylene Chloride	2.84	84	7599	2.583	ug/l	95
43) Isopropyl Acetate	6.41	43	77477	11.398	ug/l	99

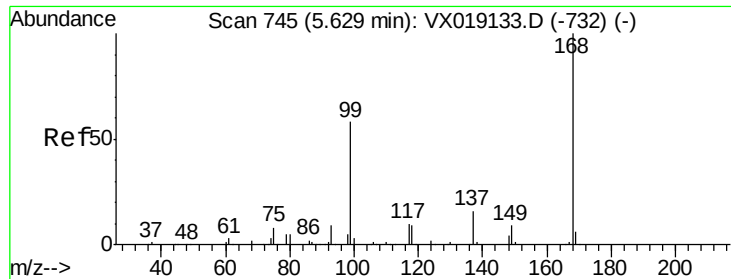
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019133.D

Acq: 05 Nov 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

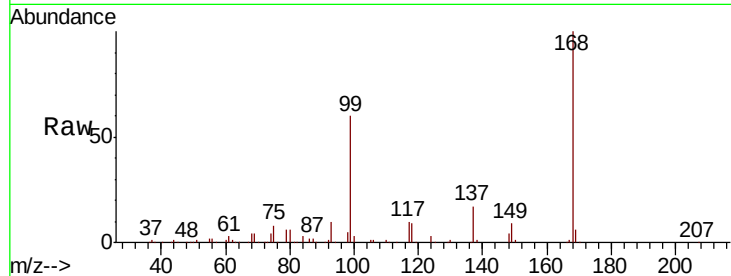
PB132824ZHE#03

Tot Ion:168 Resp: 263424

Ion Ratio Lower Upper

168 100

99 59.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

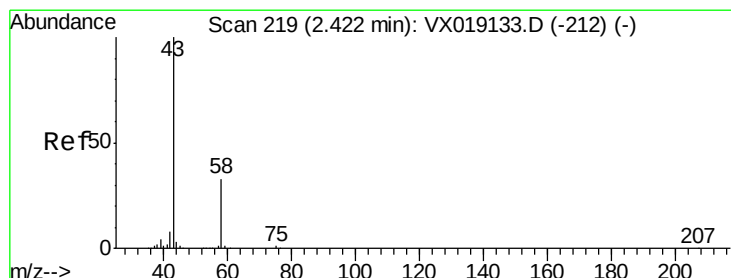
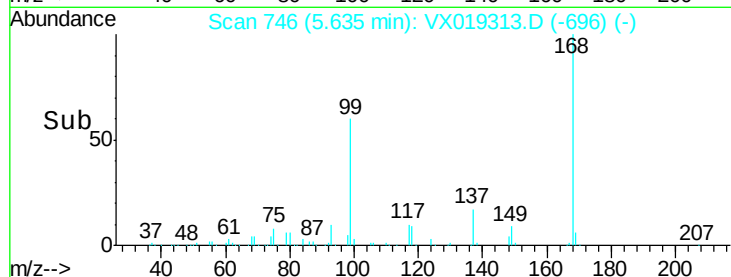
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 13.338 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019133.D

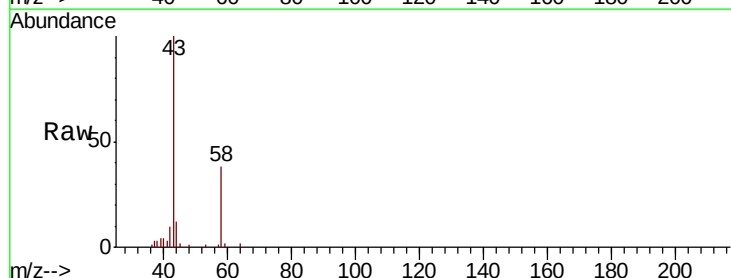
Acq: 05 Nov 2020 14:55

Tgt Ion: 43 Resp: 15632

Ion Ratio Lower Upper

43 100

58 38.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

10000

8000

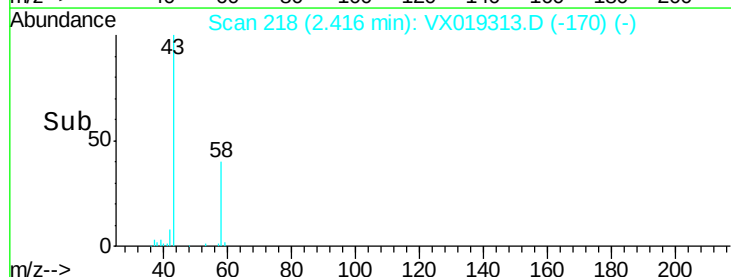
6000

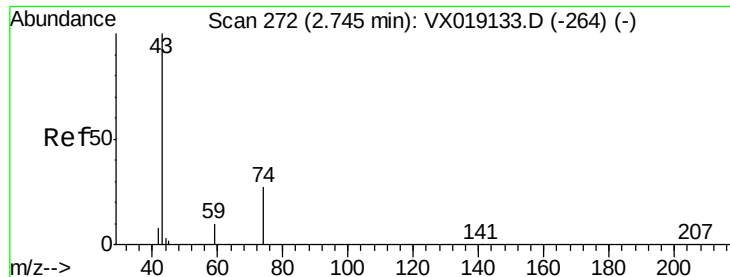
4000

2000

0

Time-->

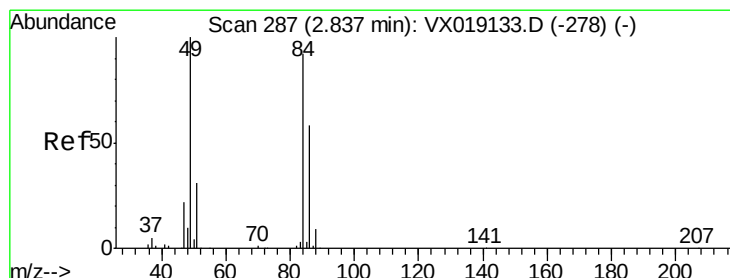
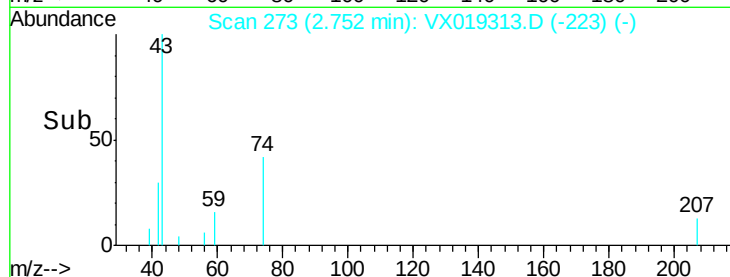
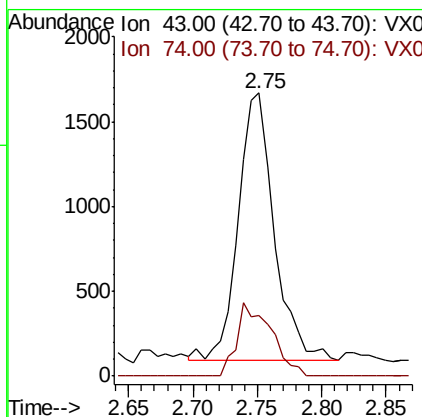
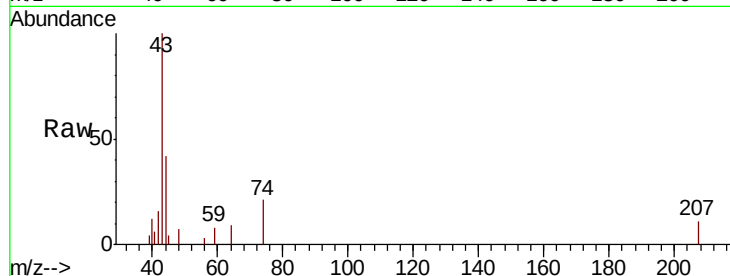




#18
Methyl Acetate
Concen: 1.058 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019133.D
Acq: 05 Nov 2020 14:55

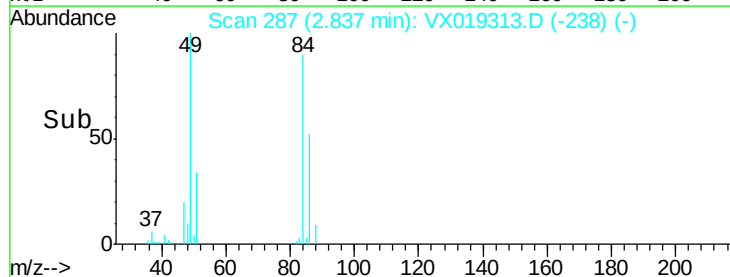
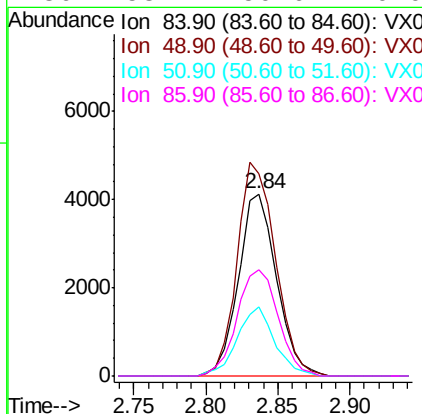
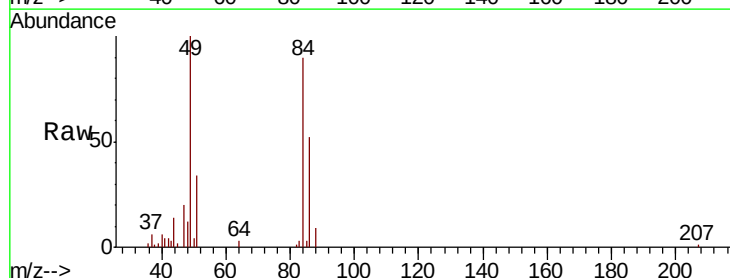
Instrument :
MSVOA_X
ClientSampleId :
PB132824ZHE#03

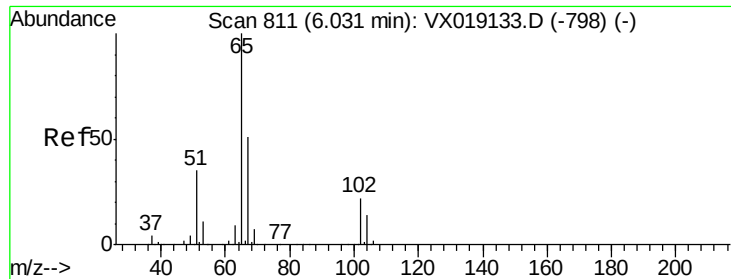
Tot Ion: 43 Resp: 3014
Ion Ratio Lower Upper
43 100
74 26.7 22.6 33.8



#20
Methylene Chloride
Concen: 2.583 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019133.D
Acq: 05 Nov 2020 14:55

Tgt Ion: 84 Resp: 7599
Ion Ratio Lower Upper
84 100
49 111.5 86.8 130.2
51 38.0 27.3 40.9
86 58.2 50.6 76.0

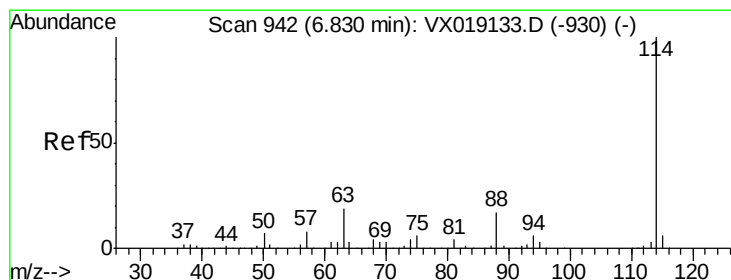
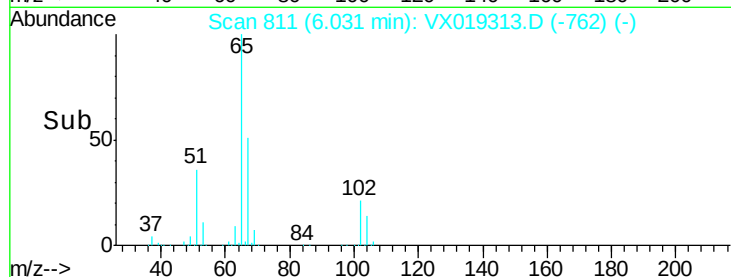
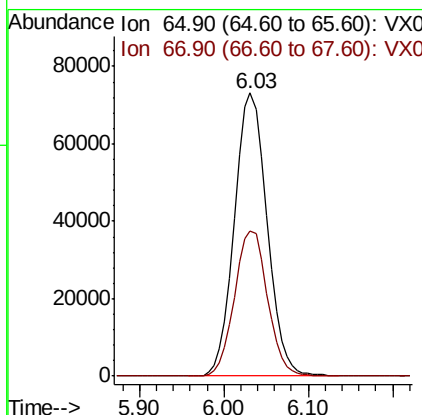
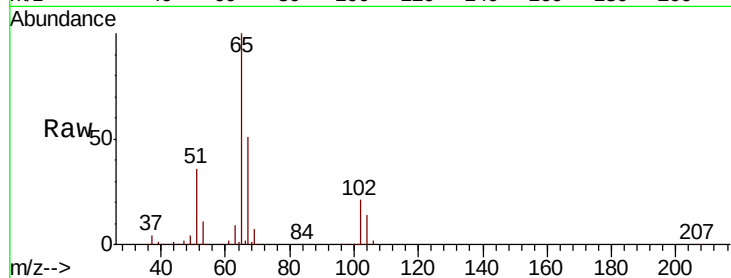




#33
 1,2-Dichloroethane-d4
 Concen: 56.440 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019133.D
 Acq: 05 Nov 2020 14:55

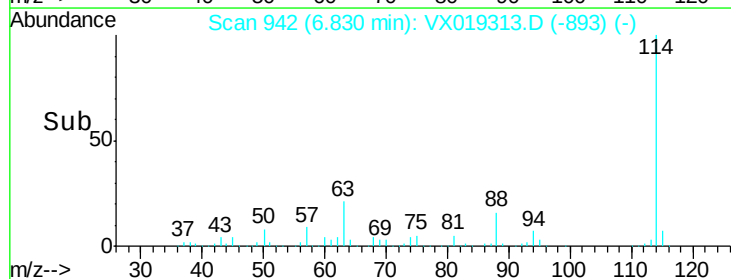
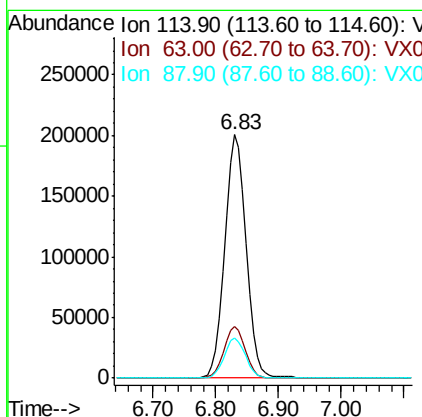
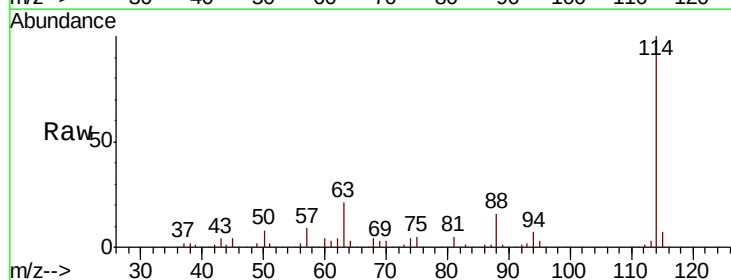
Instrument :
 MSVOA_X
 ClientSampleId :
 PB132824ZHE#03

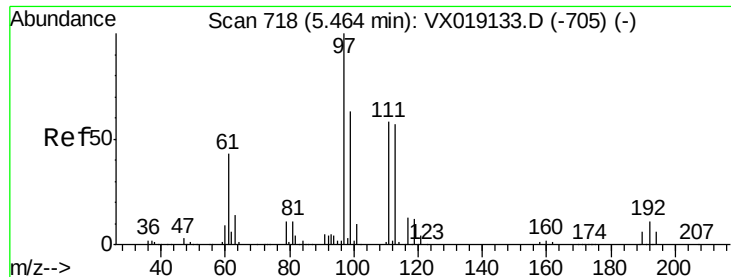
Tot Ion: 65 Resp: 191738
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019133.D
 Acq: 05 Nov 2020 14:55

Tgt Ion: 114 Resp: 473489
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 38.8
 88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.008 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019133.D

Acq: 05 Nov 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

PB132824ZHE#03

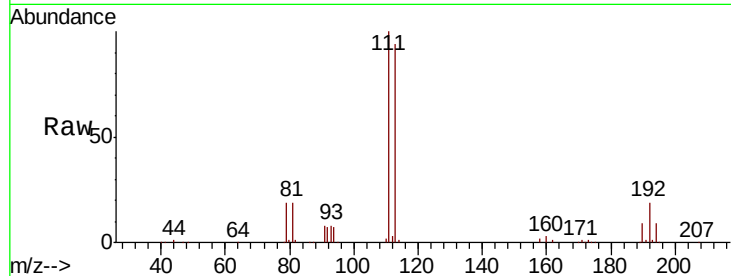
Tot Ion:113 Resp: 151707

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

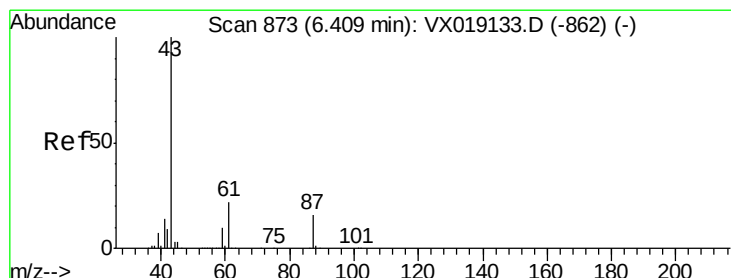
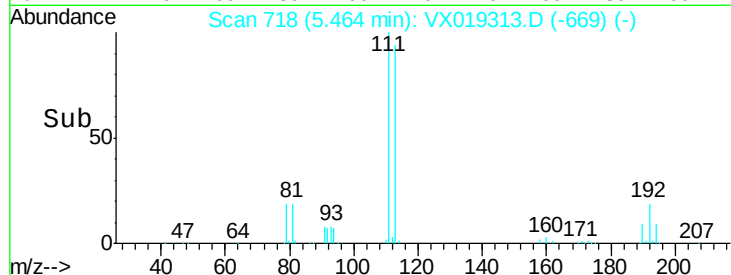
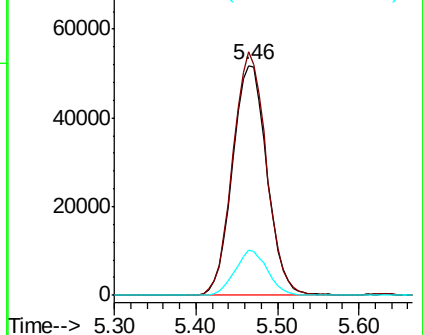
192 18.7 16.2 24.2



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: 11.398 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019133.D

Acq: 05 Nov 2020 14:55

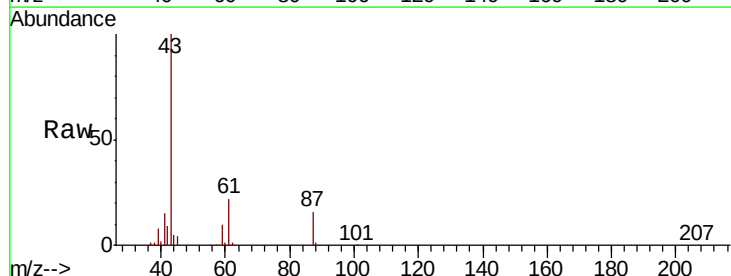
Tgt Ion: 43 Resp: 77477

Ion Ratio Lower Upper

43 100

61 21.9 17.8 26.6

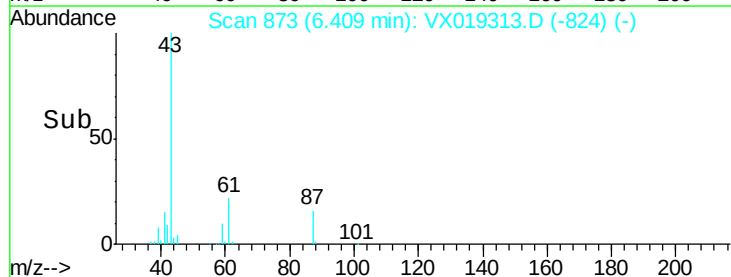
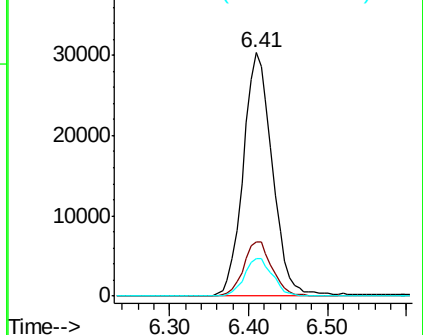
87 15.1 12.6 19.0

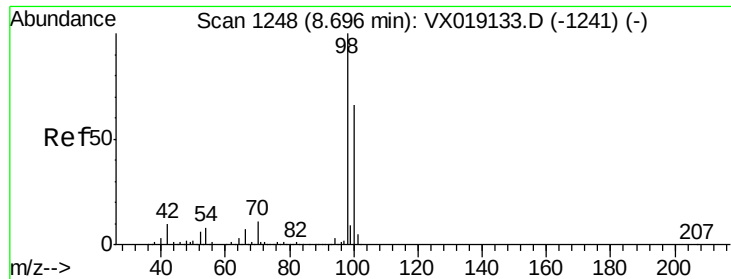


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.310 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019133.D

Acq: 05 Nov 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

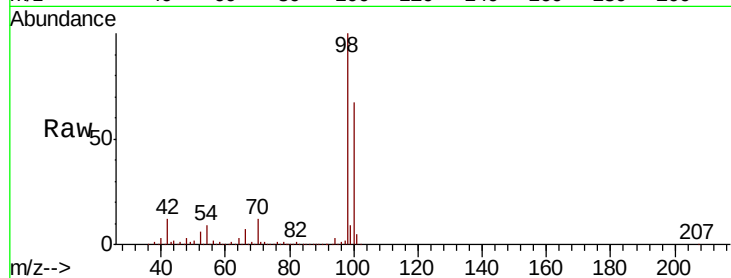
PB132824ZHE#03

Tot Ion: 98 Resp: 586481

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

400000

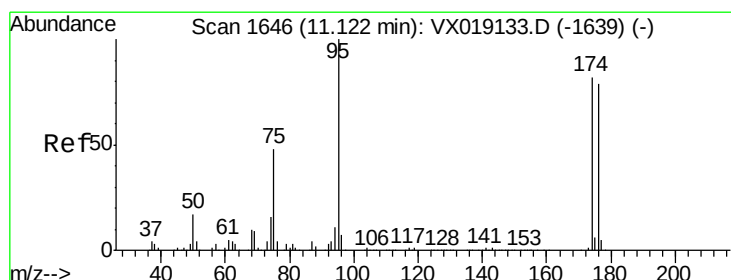
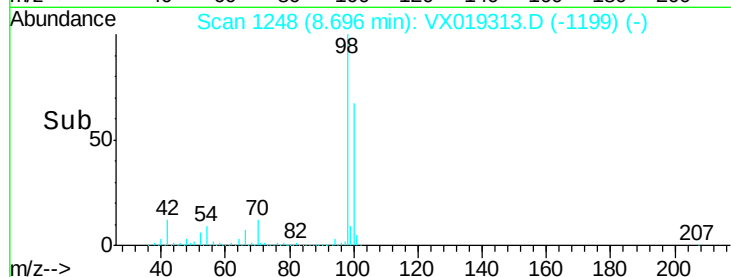
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.789 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019133.D

Acq: 05 Nov 2020 14:55

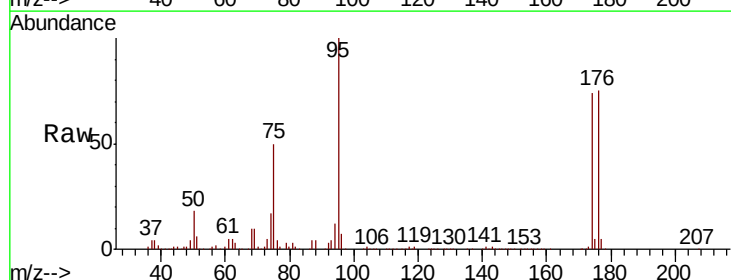
Tgt Ion: 95 Resp: 224134

Ion Ratio Lower Upper

95 100

174 74.9 0.0 156.0

176 72.7 0.0 149.8



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

11.12

200000

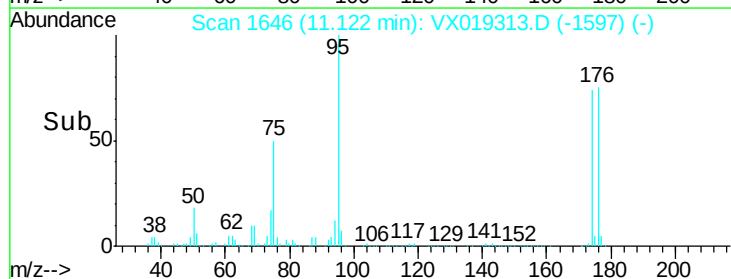
150000

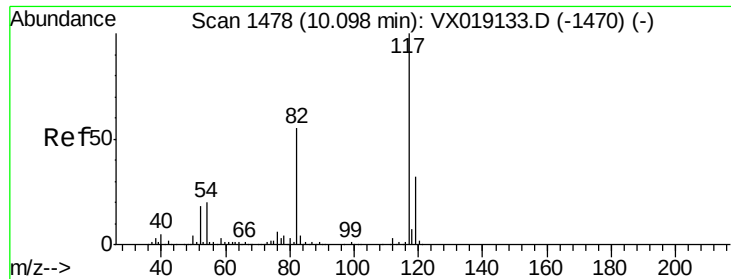
100000

50000

0

Time-->

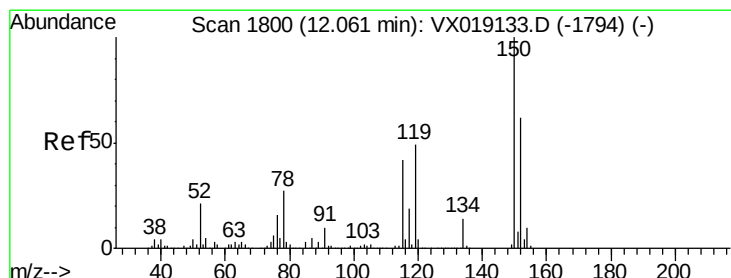
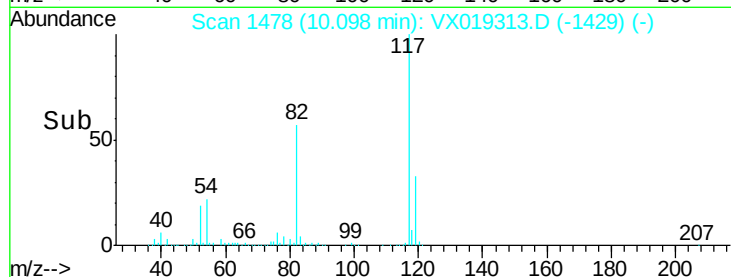
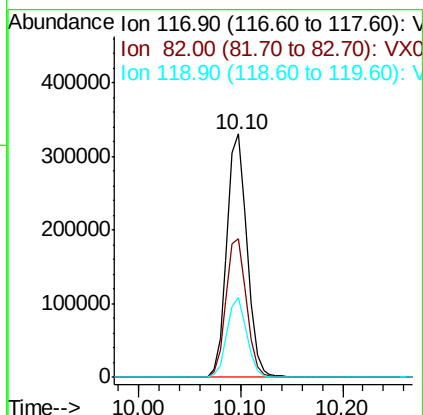
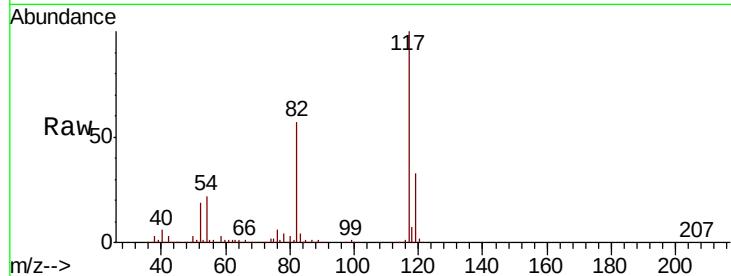




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019133.D
Acq: 05 Nov 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :
PB132824ZHE#03

Tot Ion:117 Resp: 452304
Ion Ratio Lower Upper
117 100
82 56.9 43.6 65.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019133.D
Acq: 05 Nov 2020 14:55

Tgt Ion:152 Resp: 221094
Ion Ratio Lower Upper
152 100
115 61.3 41.9 125.7
150 158.2 0.0 347.8

