

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019321.D
 Acq On : 05 Nov 2020 17:55
 Operator : JC/MD
 Sample : PB132824ZHE#11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132824ZHE#11

Quant Time: Nov 06 02:38:21 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

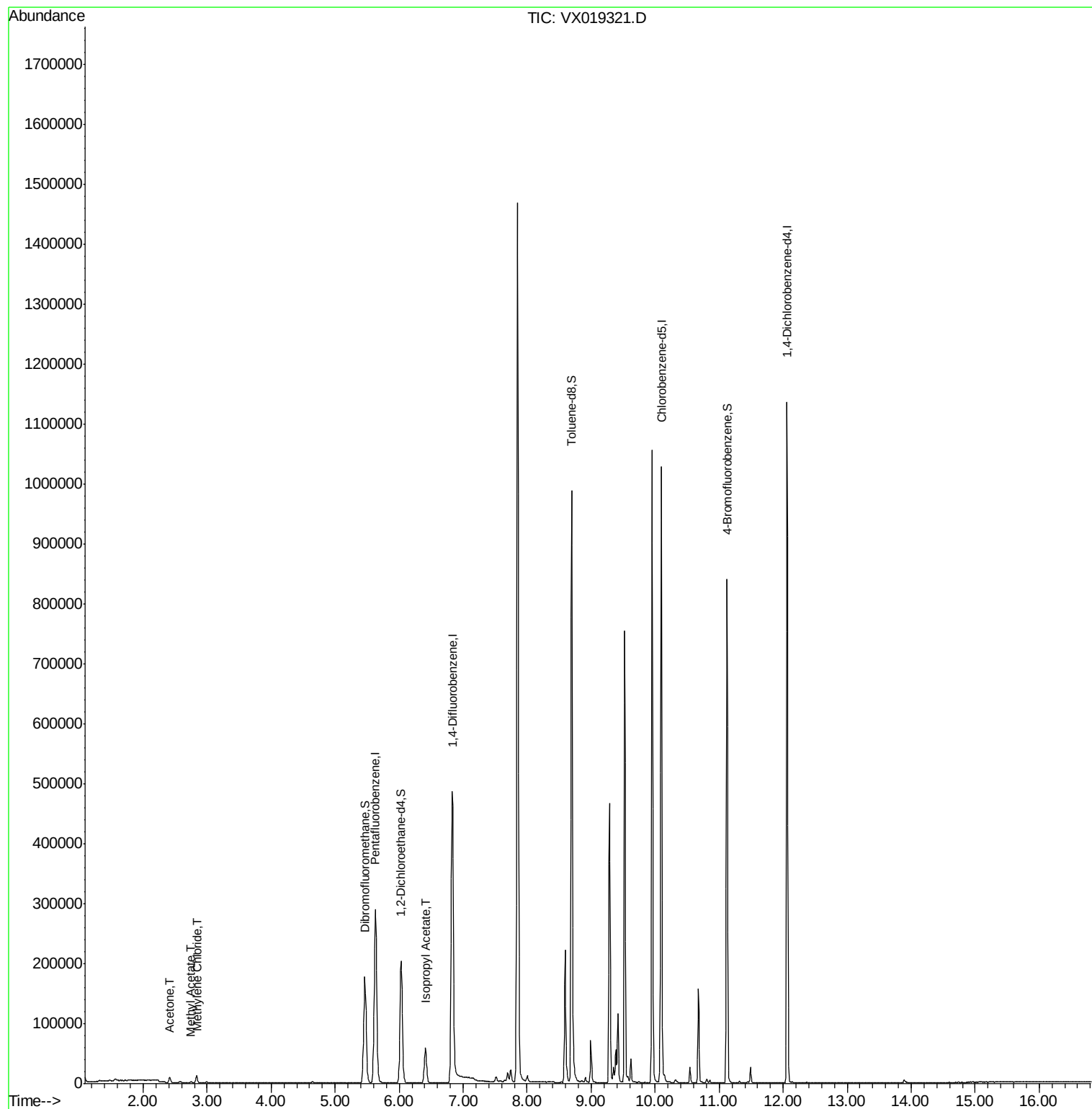
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	266672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	477535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	461669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	194598	56.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.16%	
35) Dibromofluoromethane	5.46	113	152119	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
50) Toluene-d8	8.70	98	591858	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	11.12	95	224027	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
Target Compounds						
16) Acetone	2.42	43	9166	7.726	ug/l	99
18) Methyl Acetate	2.75	43	3159	1.095	ug/l	97
20) Methylene Chloride	2.84	84	5840	1.961	ug/l #	85
43) Isopropyl Acetate	6.41	43	77537	11.310	ug/l	98

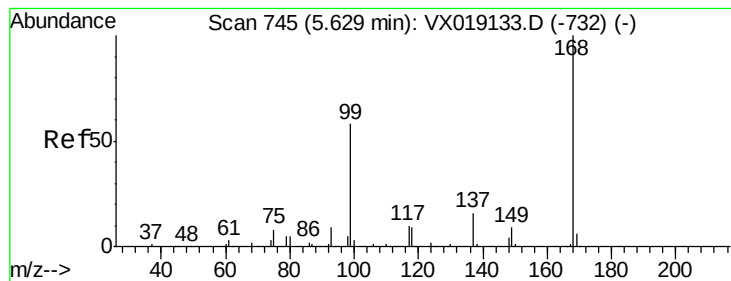
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019321.D

Acq: 05 Nov 2020 17:55

Instrument :

MSVOA_X

ClientSampleId :

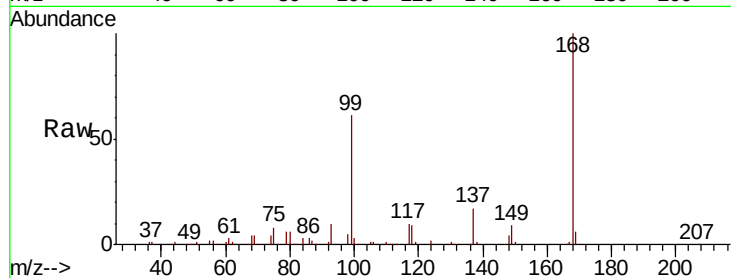
PB132824ZHE#11

Tot Ion:168 Resp: 266672

Ion Ratio Lower Upper

168 100

99 61.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

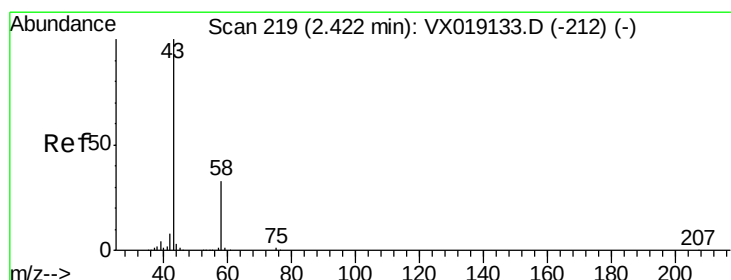
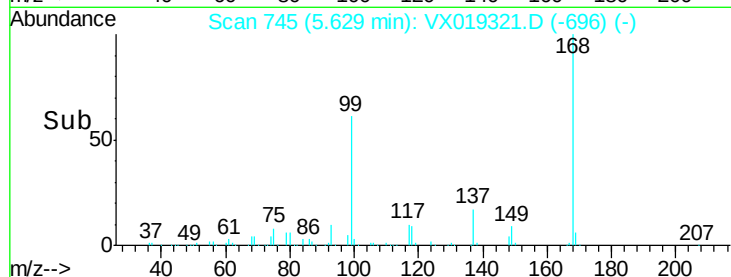
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.726 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019321.D

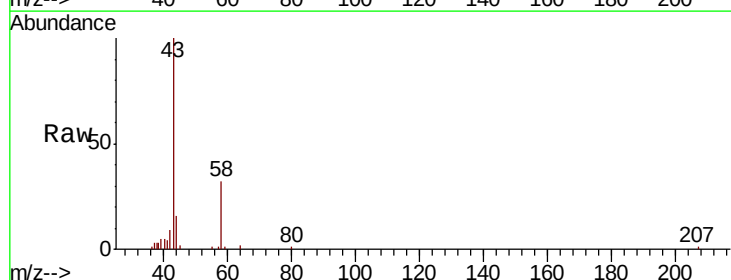
Acq: 05 Nov 2020 17:55

Tgt Ion: 43 Resp: 9166

Ion Ratio Lower Upper

43 100

58 32.5 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

6000

5000

4000

3000

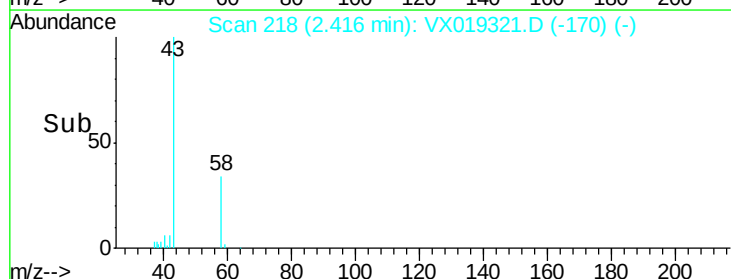
2000

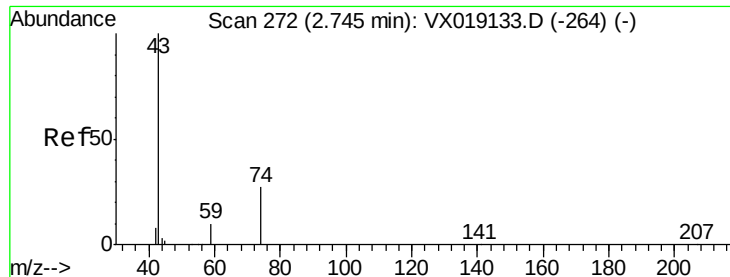
1000

0

Time-->

2.35 2.40 2.45 2.50

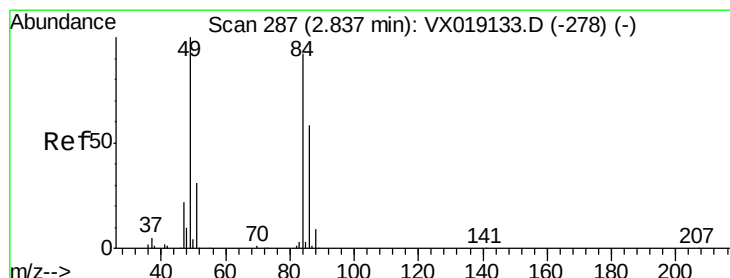
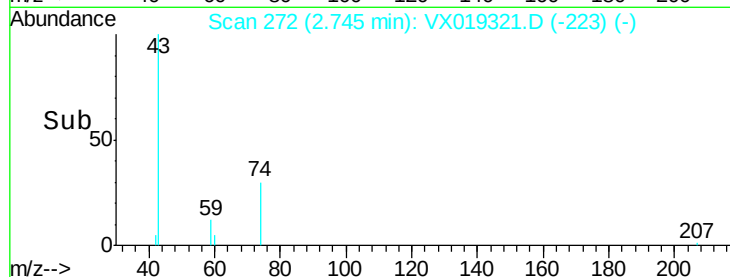
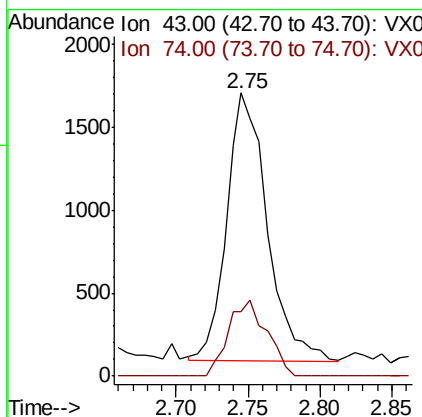
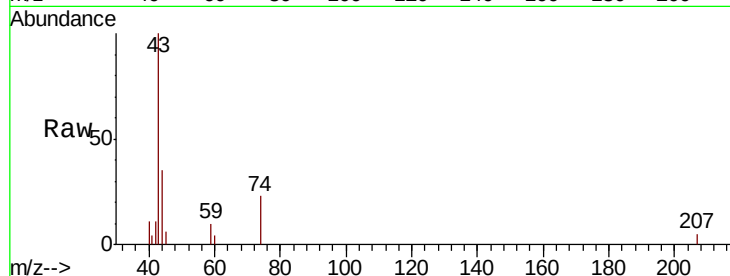




#18
Methyl Acetate
Concen: 1.095 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019321.D
Acq: 05 Nov 2020 17:55

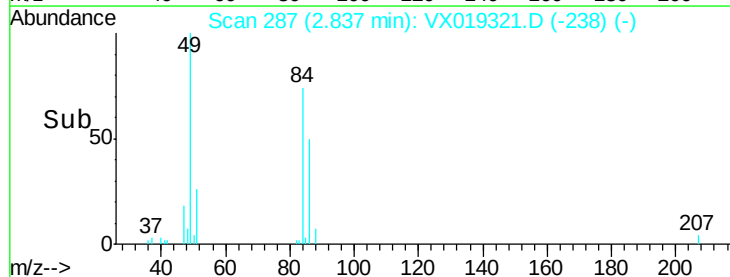
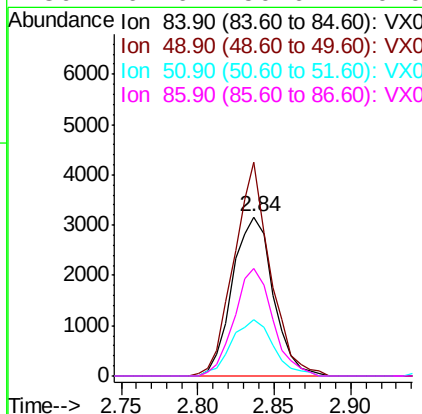
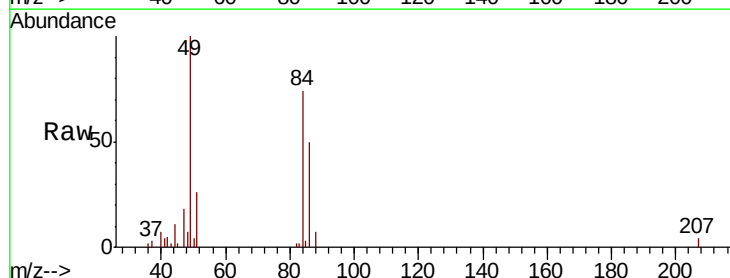
Instrument :
MSVOA_X
ClientSampleId :
PB132824ZHE#11

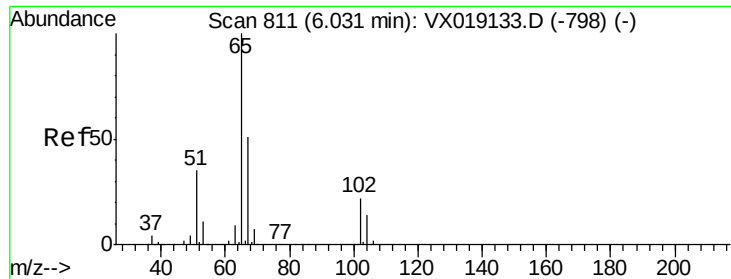
Tot Ion: 43 Resp: 3159
Ion Ratio Lower Upper
43 100
74 26.7 22.6 33.8



#20
Methylene Chloride
Concen: 1.961 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019321.D
Acq: 05 Nov 2020 17:55

Tgt Ion: 84 Resp: 5840
Ion Ratio Lower Upper
84 100
49 134.3 86.8 130.2#
51 35.3 27.3 40.9
86 67.6 50.6 76.0

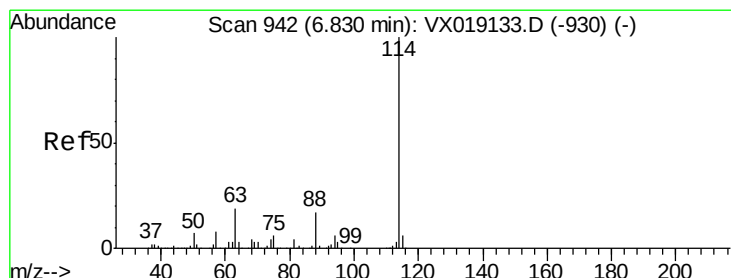
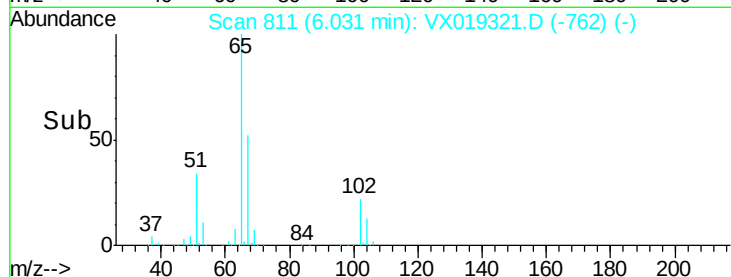
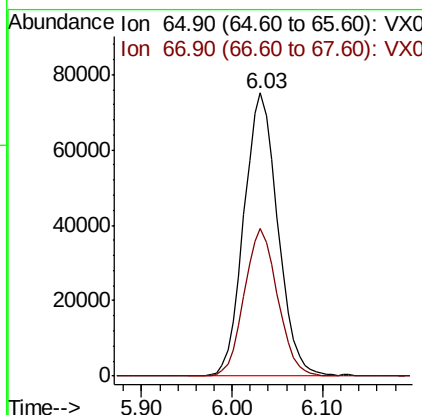
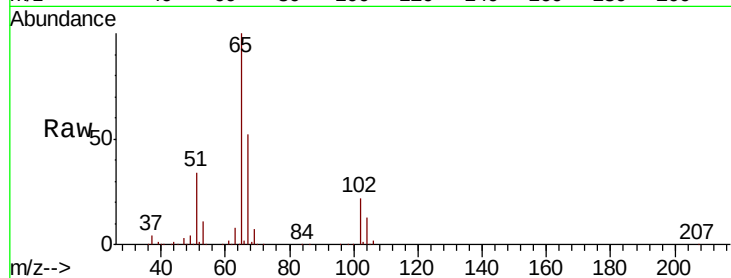




#33
 1,2-Dichloroethane-d4
 Concen: 56.585 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019321.D
 Acq: 05 Nov 2020 17:55

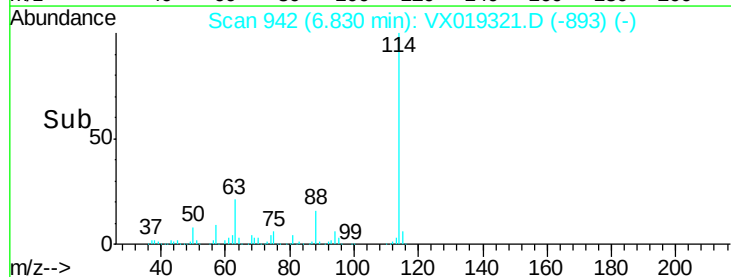
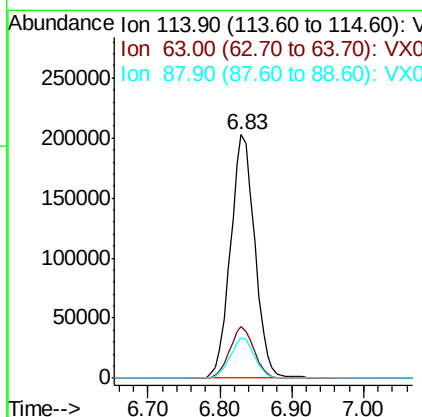
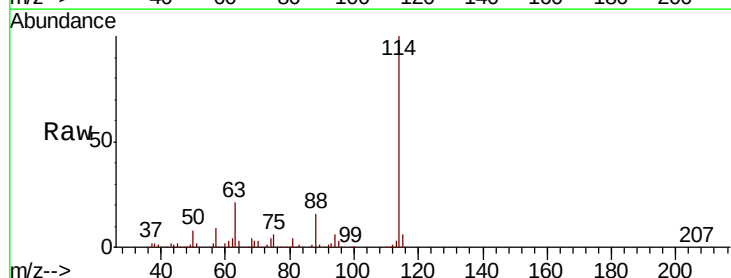
Instrument :
 MSVOA_X
 ClientSampleId :
 PB132824ZHE#11

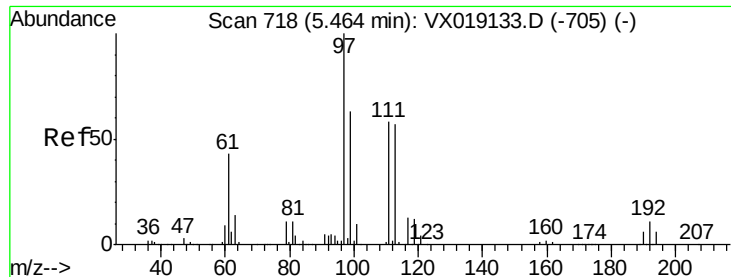
Tot Ion: 65 Resp: 194598
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019321.D
 Acq: 05 Nov 2020 17:55

Tgt Ion: 114 Resp: 477535
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 38.8
 88 16.3 0.0 34.2

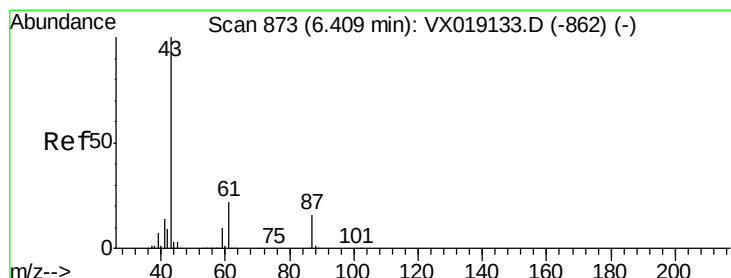
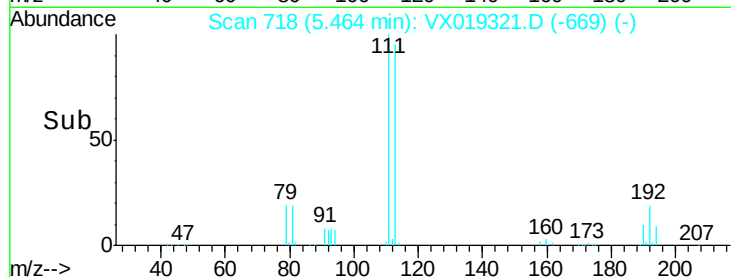
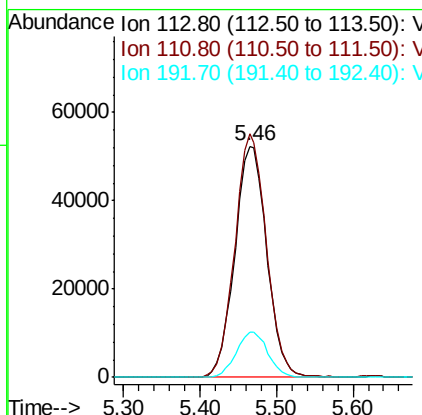
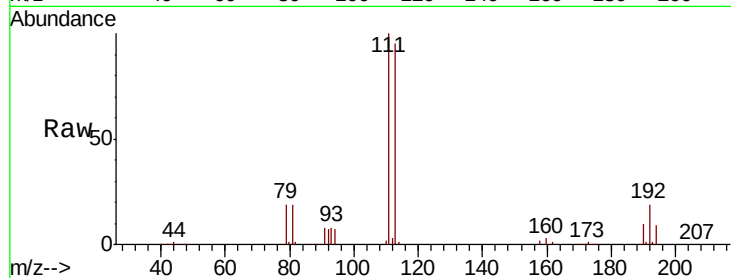




#35
 Dibromofluoromethane
 Concen: 50.714 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019321.D
 Acq: 05 Nov 2020 17:55

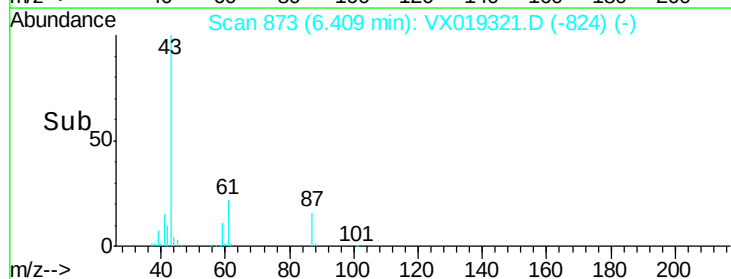
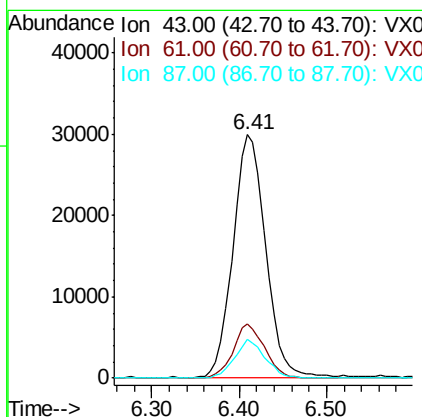
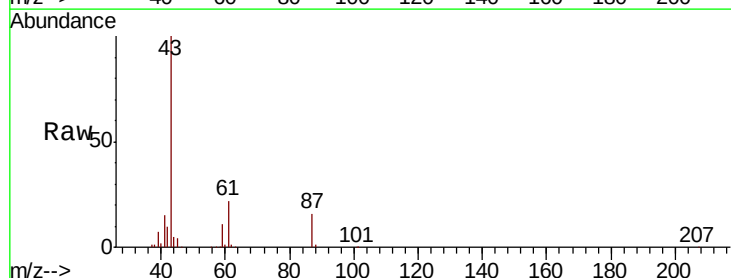
Instrument :
 MSVOA_X
 ClientSampleId :
 PB132824ZHE#11

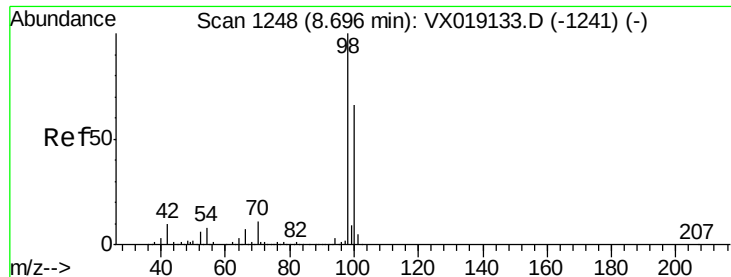
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.3	123.5
192	19.4	16.2	24.2



#43
 Isopropyl Acetate
 Concen: 11.310 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019321.D
 Acq: 05 Nov 2020 17:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.8	26.6
87	14.8	12.6	19.0





#50

Toluene-d8

Concen: 52.343 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019321.D

Acq: 05 Nov 2020 17:55

Instrument :

MSVOA_X

ClientSampleId :

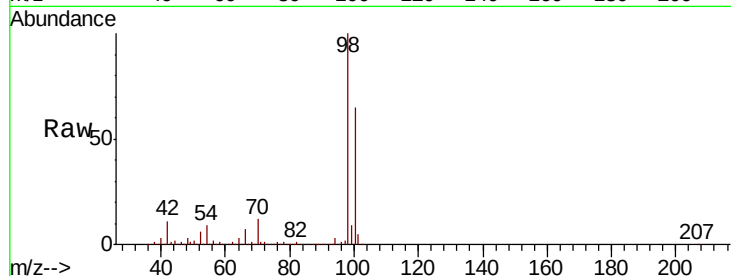
PB132824ZHE#11

Tot Ion: 98 Resp: 591858

Ion Ratio Lower Upper

98 100

100 65.4 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

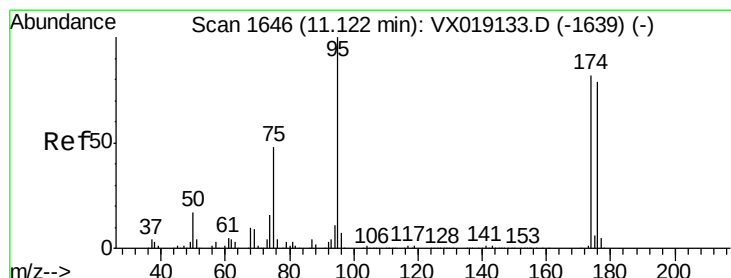
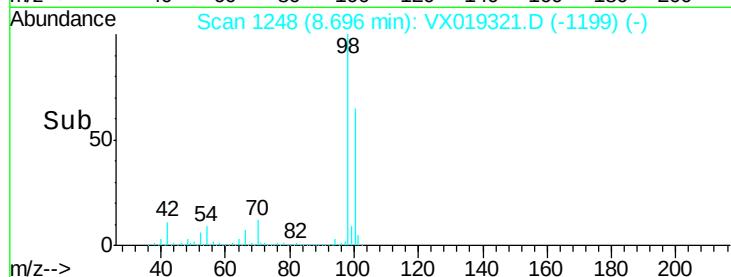
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 52.316 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019321.D

Acq: 05 Nov 2020 17:55

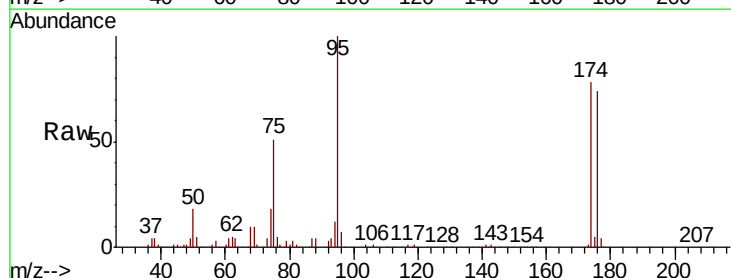
Tgt Ion: 95 Resp: 224027

Ion Ratio Lower Upper

95 100

174 74.2 0.0 156.0

176 71.5 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

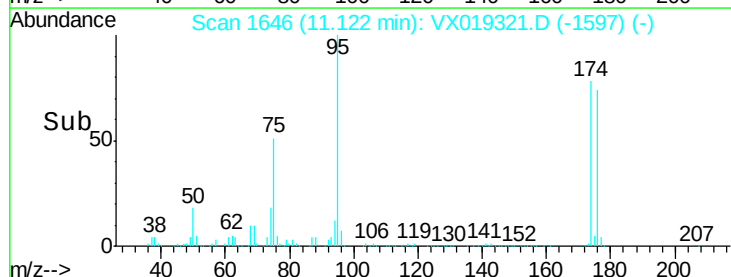
100000

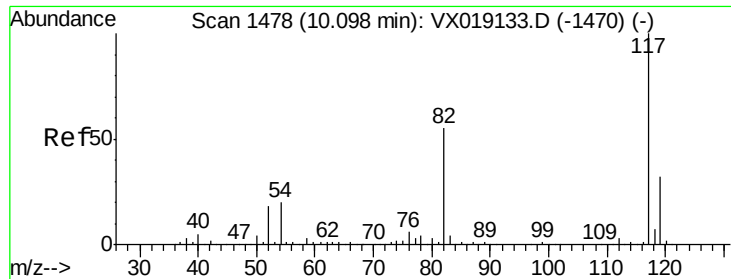
50000

0

11.10 11.20

Time-->

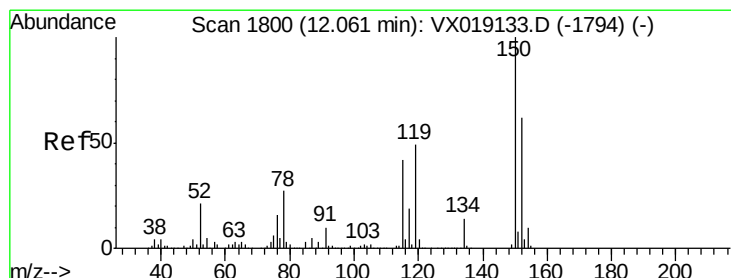
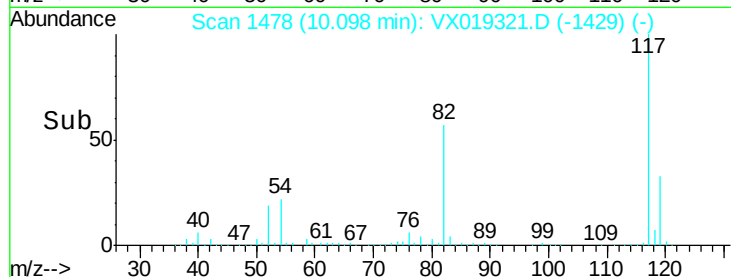
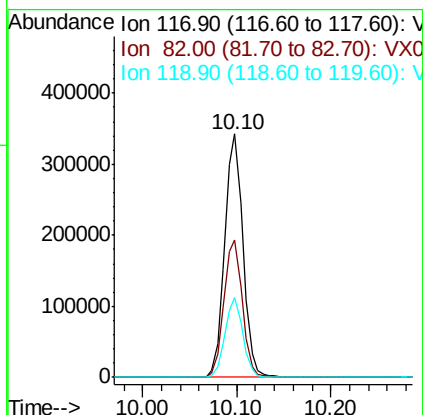
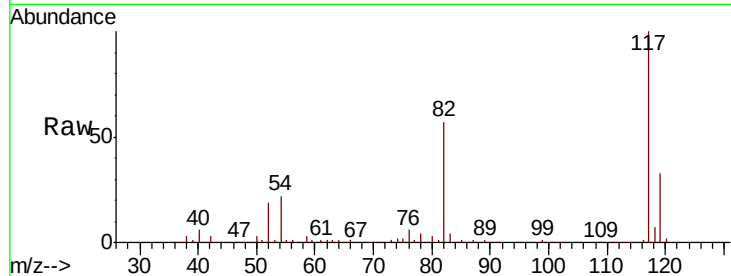




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019321.D
Acq: 05 Nov 2020 17:55

Instrument :
MSVOA_X
ClientSampleId :
PB132824ZHE#11

Tot Ion:117 Resp: 461669
Ion Ratio Lower Upper
117 100
82 56.5 43.6 65.4
119 32.8 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: VX019321.D
Acq: 05 Nov 2020 17:55

Tgt Ion:152 Resp: 219239
Ion Ratio Lower Upper
152 100
115 61.9 41.9 125.7
150 159.0 0.0 347.8

