

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018190.D
 Acq On : 01 Sep 2020 14:30
 Operator : JC/SP
 Sample : PB131314ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#06

Quant Time: Sep 02 03:49:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	439269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	695852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	703902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	333500	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	317618	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
35) Dibromofluoromethane	5.46	113	249194	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	
50) Toluene-d8	8.70	98	905216	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.12	95	335360	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	

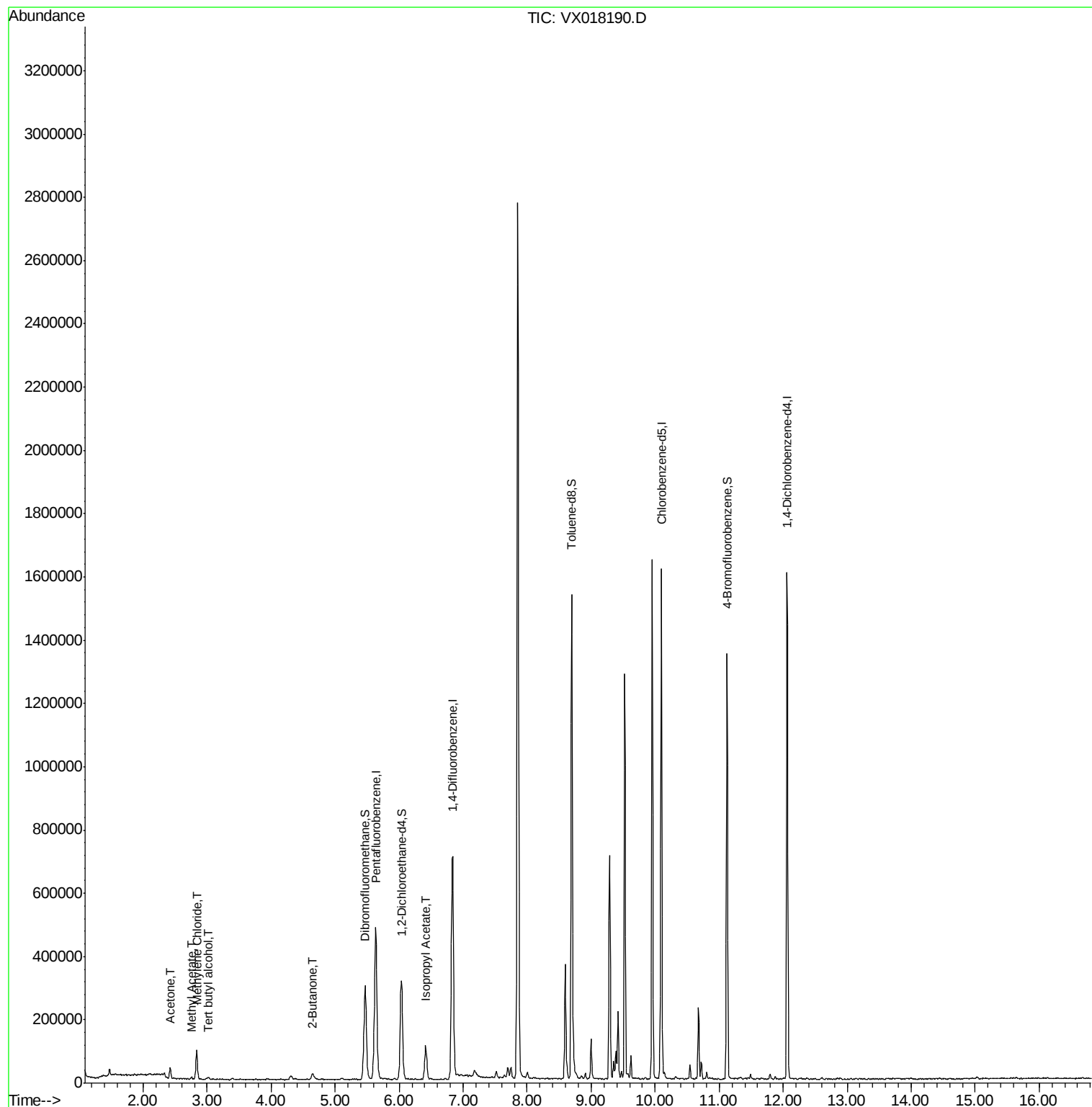
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	6802	5.737	ug/l #	86
16) Acetone	2.42	43	36383	15.311	ug/l	99
18) Methyl Acetate	2.75	43	6865	1.197	ug/l #	69
20) Methylene Chloride	2.84	84	42899	7.845	ug/l	96
25) 2-Butanone	4.64	43	26443	6.771	ug/l	99
43) Isopropyl Acetate	6.42	43	146129	12.137	ug/l	99

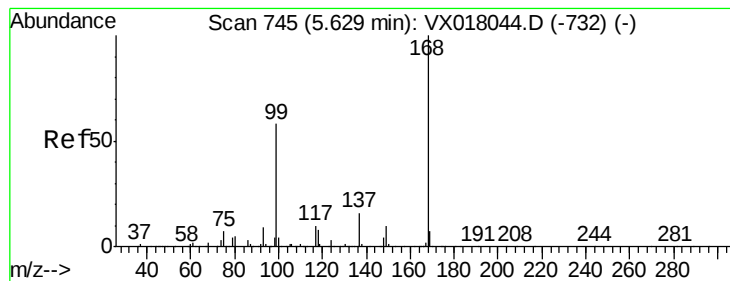
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 02 03:49:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018190.D

Acq: 01 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

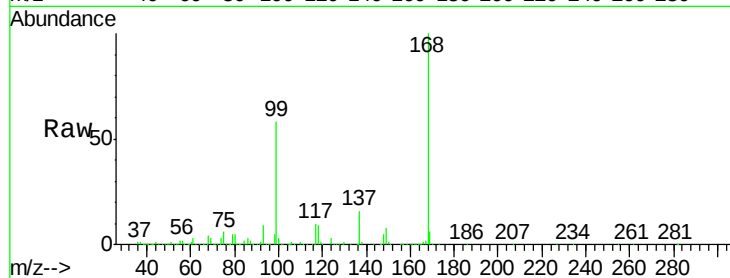
PB131314ZHE#06

Tot Ion:168 Resp: 439269

Ion Ratio Lower Upper

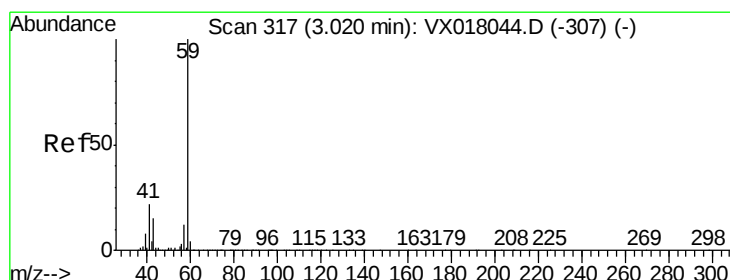
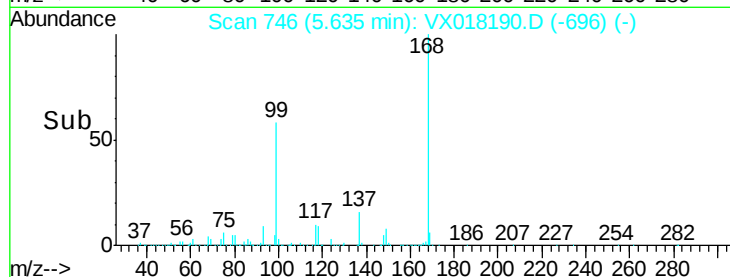
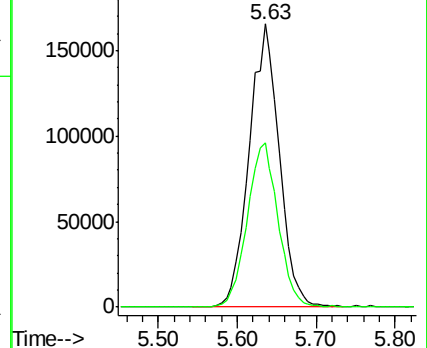
168 100

99 57.9 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 5.737 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX018190.D

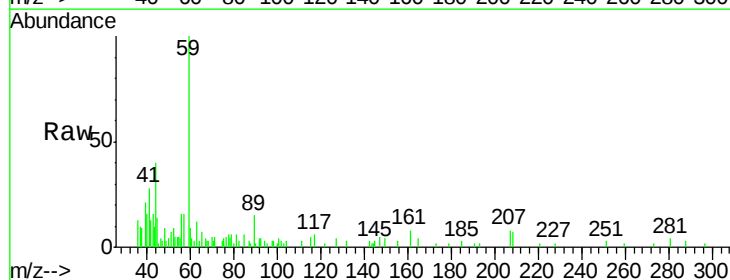
Acq: 01 Sep 2020 14:30

Tgt Ion: 59 Resp: 6802

Ion Ratio Lower Upper

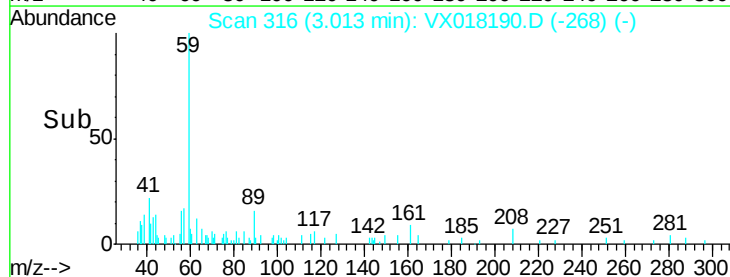
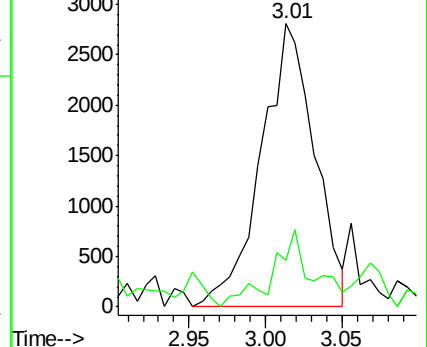
59 100

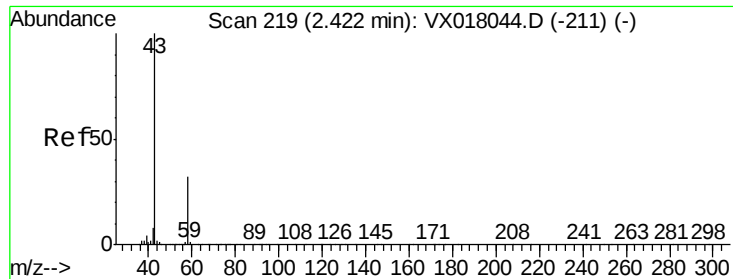
57 16.4 8.9 13.3#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 15.311 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018190.D

Acq: 01 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

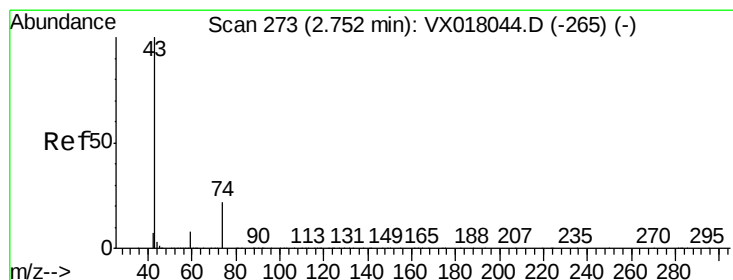
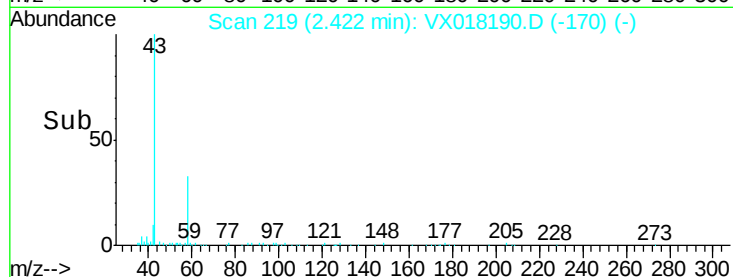
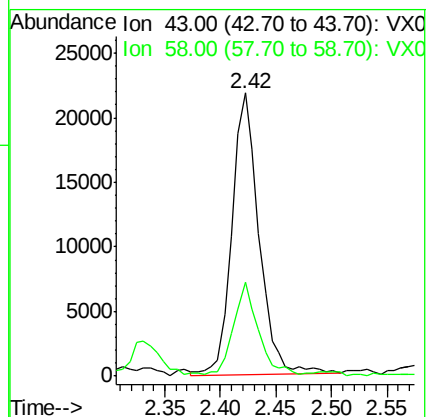
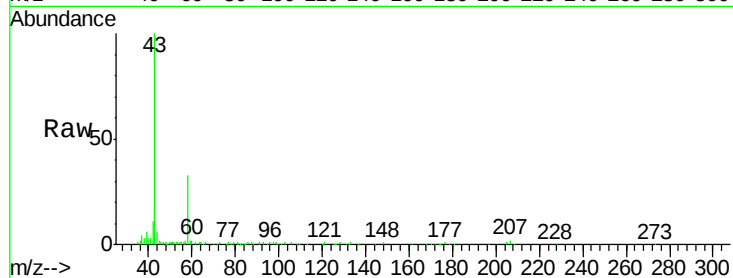
PB131314ZHE#06

Tot Ion: 43 Resp: 36383

Ion Ratio Lower Upper

43 100

58 32.3 25.5 38.3



#18

Methyl Acetate

Concen: 1.197 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018190.D

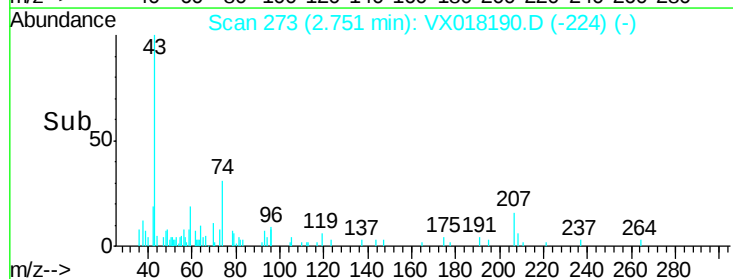
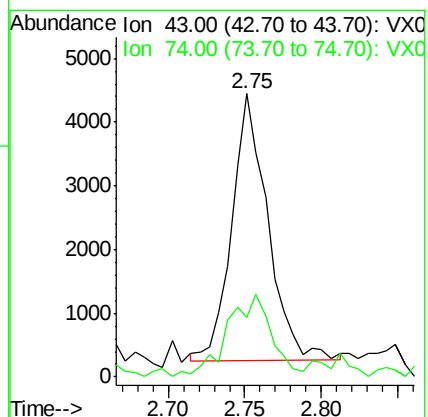
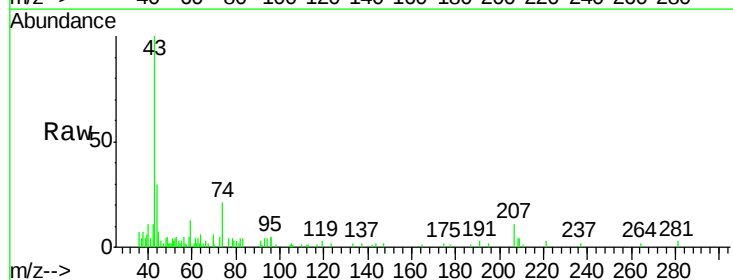
Acq: 01 Sep 2020 14:30

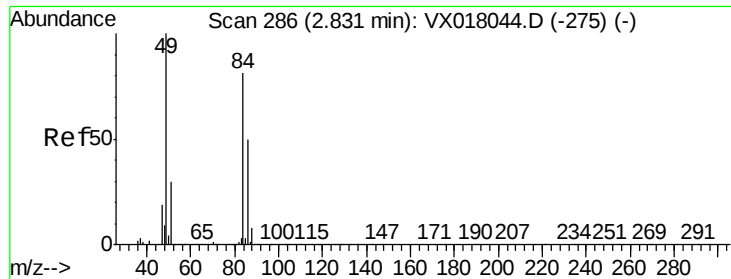
Tgt Ion: 43 Resp: 6865

Ion Ratio Lower Upper

43 100

74 37.9 18.2 27.4#

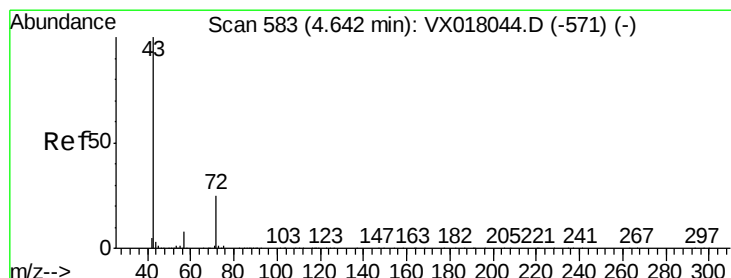
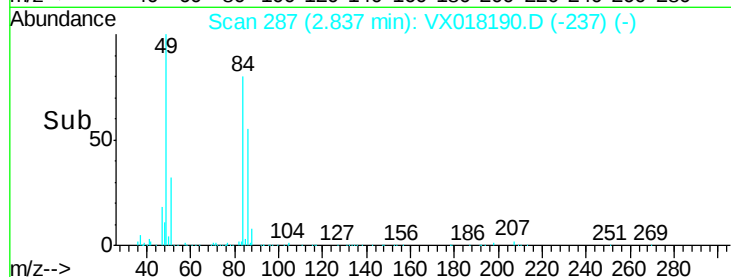
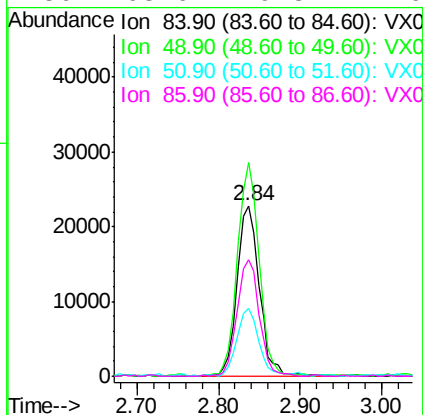
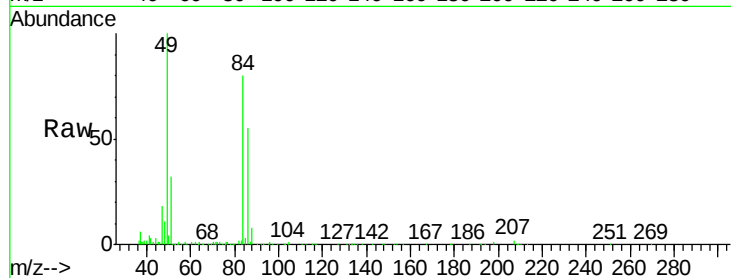




#20
Methvlene Chloride
Concen: 7.845 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018190.D
Acq: 01 Sep 2020 14:30

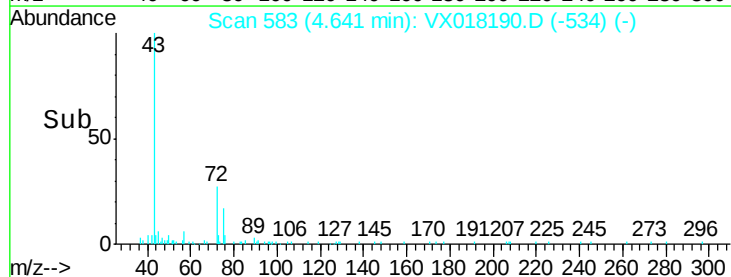
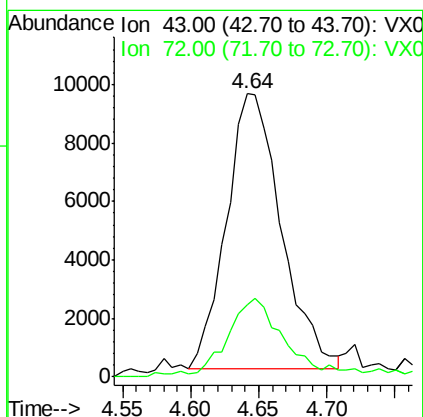
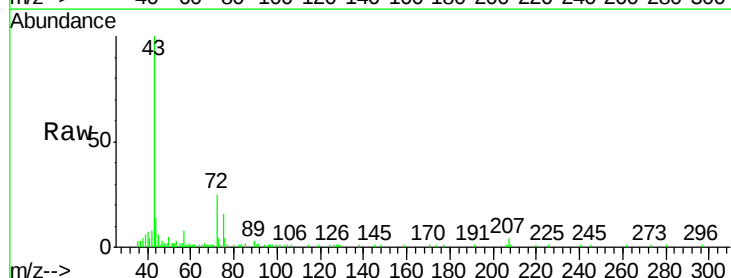
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#06

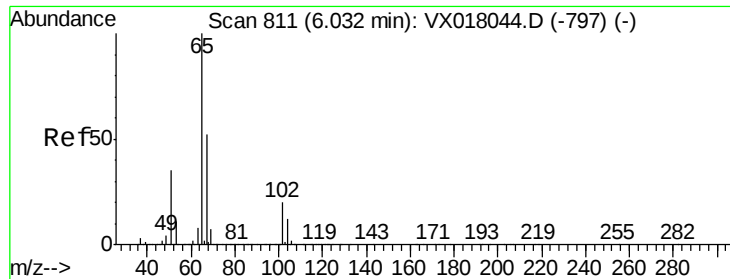
Tot Ion:	84	Resp:	42899
Ion	Ratio	Lower	Upper
84	100		
49	125.1	98.6	148.0
51	40.0	29.6	44.4
86	68.6	49.8	74.6



#25
2-Butanone
Concen: 6.771 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX018190.D
Acq: 01 Sep 2020 14:30

Tgt Ion:	43	Resp:	26443
Ion	Ratio	Lower	Upper
43	100		
72	25.2	19.8	29.6





#33

1,2-Dichloroethane-d4

Concen: 52.084 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018190.D

Acq: 01 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

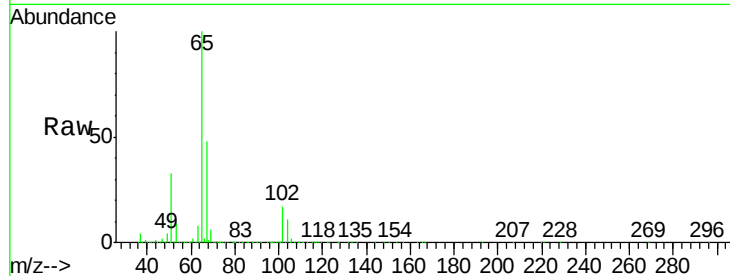
PB131314ZHE#06

Tot Ion: 65 Resp: 317618

Ion Ratio Lower Upper

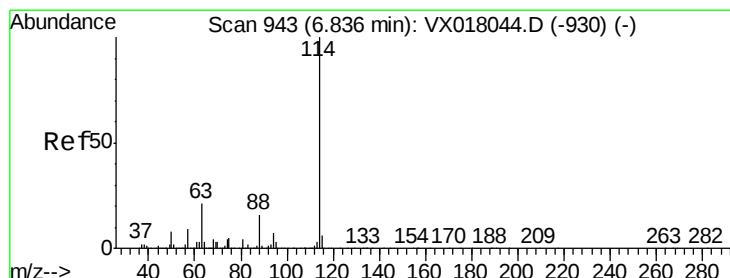
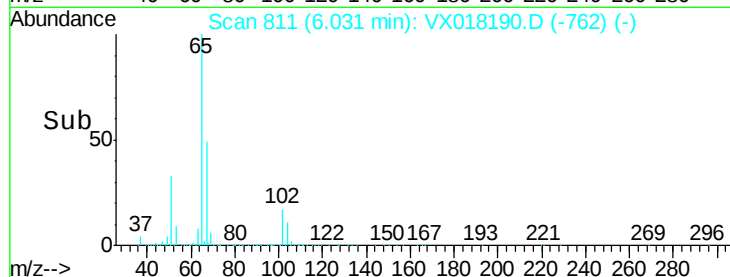
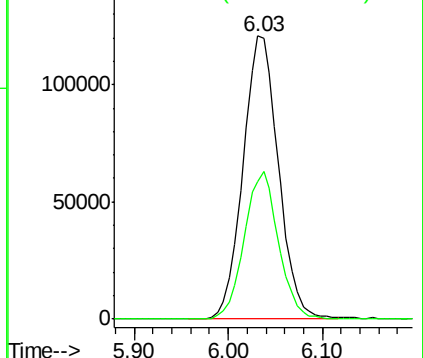
65 100

67 50.2 0.0 105.8



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: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018190.D

Acq: 01 Sep 2020 14:30

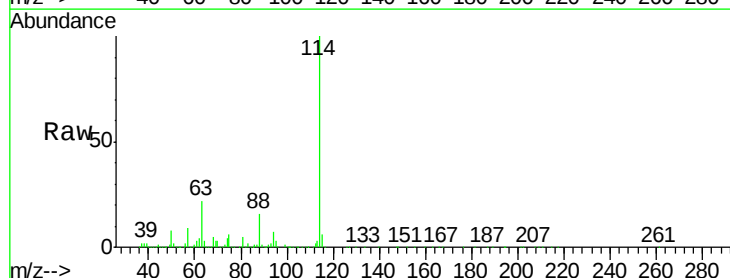
Tgt Ion: 114 Resp: 695852

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.6

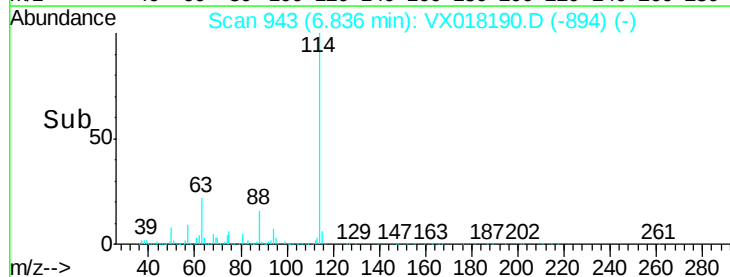
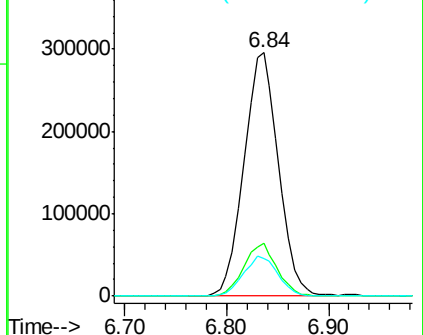
88 15.5 0.0 31.8

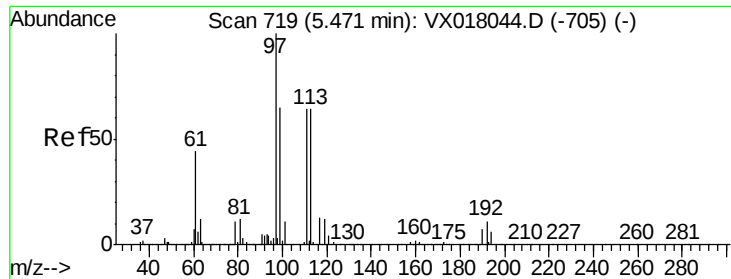


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

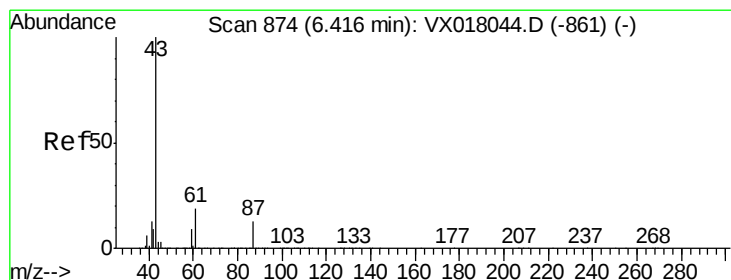
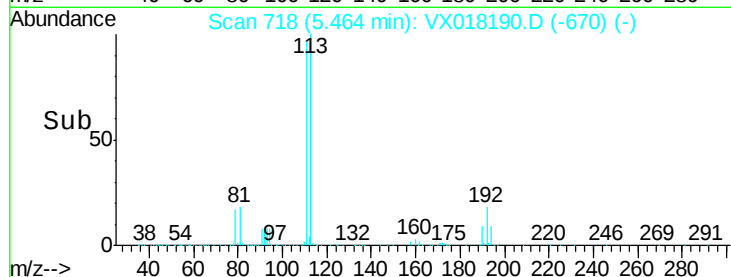
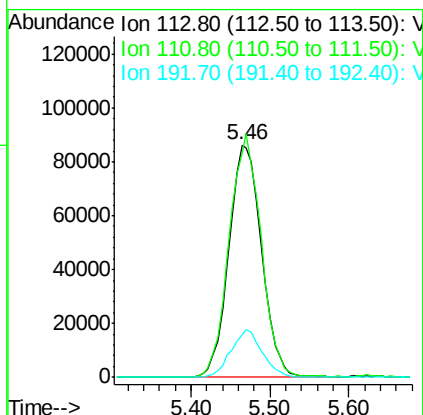
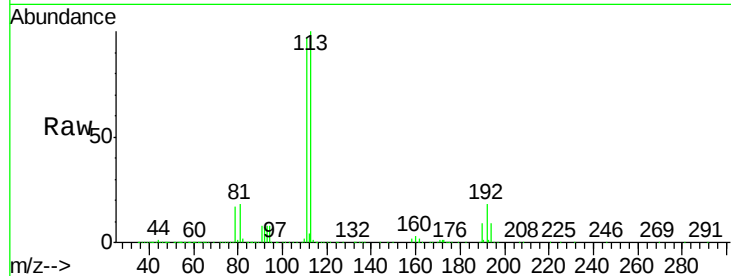




#35
 Dibromofluoromethane
 Concen: 52.583 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018190.D
 Acq: 01 Sep 2020 14:30

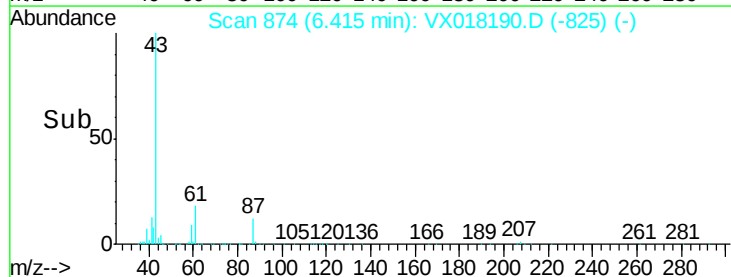
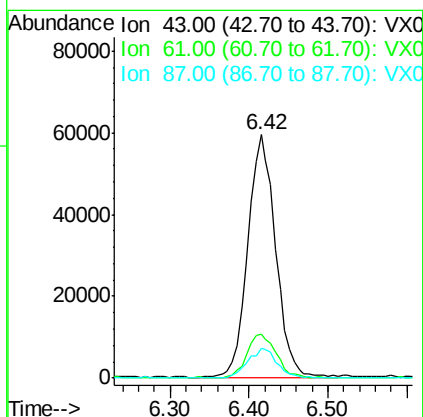
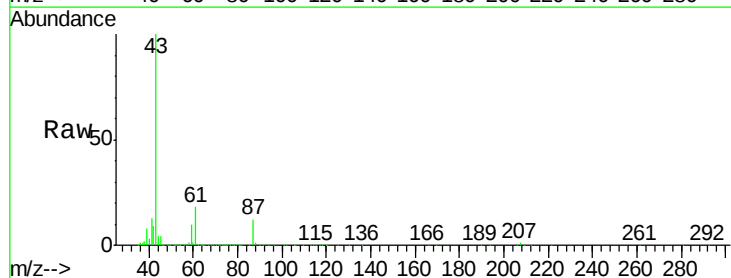
Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#06

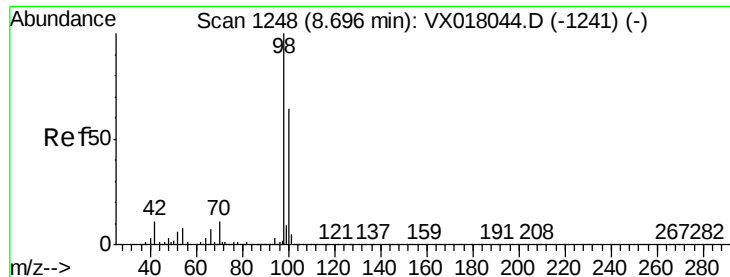
Tot Ion:113 Resp: 249194
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.6 122.4
 192 19.7 15.8 23.8



#43
 Isopropyl Acetate
 Concen: 12.137 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018190.D
 Acq: 01 Sep 2020 14:30

Tgt Ion: 43 Resp: 146129
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.7 23.5
 87 12.8 10.3 15.5





#50

Toluene-d8

Concen: 51.284 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018190.D

Acq: 01 Sep 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

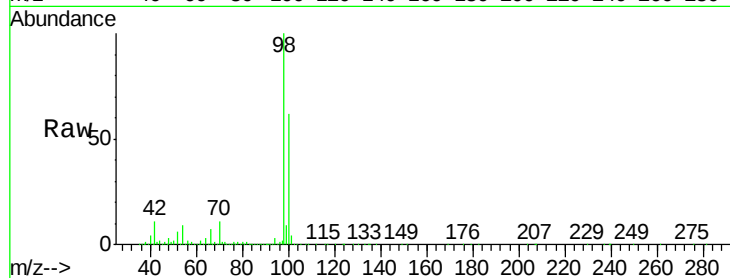
PB131314ZHE#06

Tot Ion: 98 Resp: 905216

Ion Ratio Lower Upper

98 100

100 63.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

600000

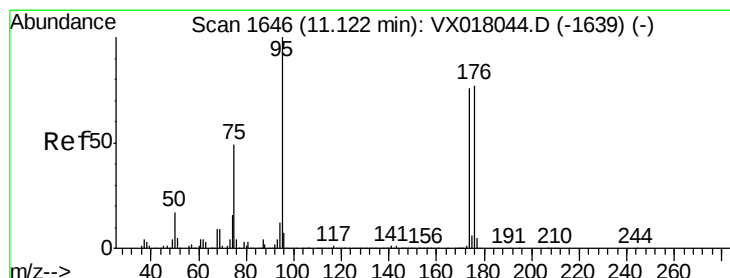
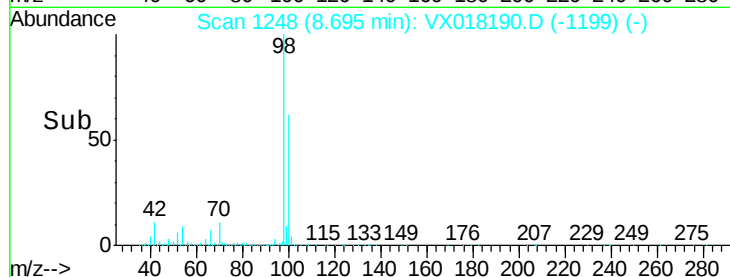
400000

200000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 48.291 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018190.D

Acq: 01 Sep 2020 14:30

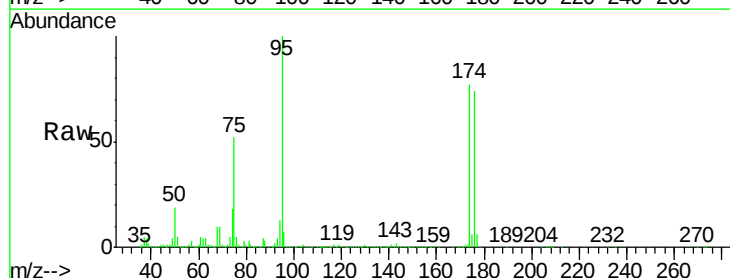
Tgt Ion: 95 Resp: 335360

Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.2

176 76.5 0.0 155.8



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

300000

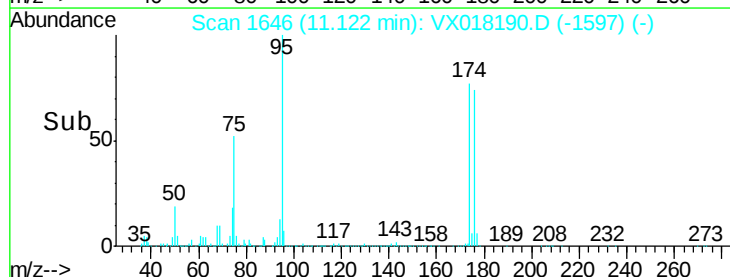
200000

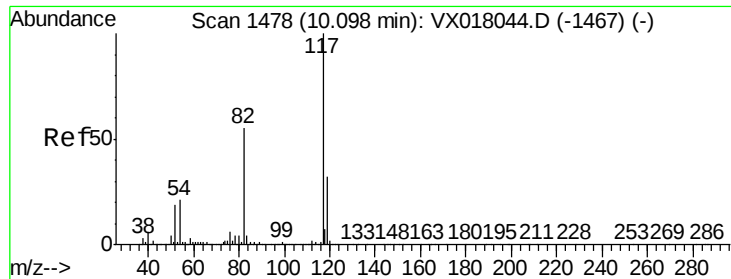
100000

0

Time-->

11.10 11.20

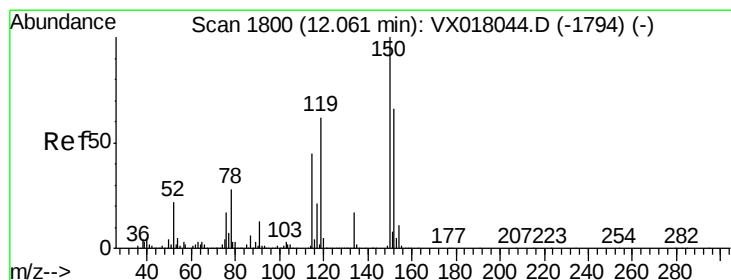
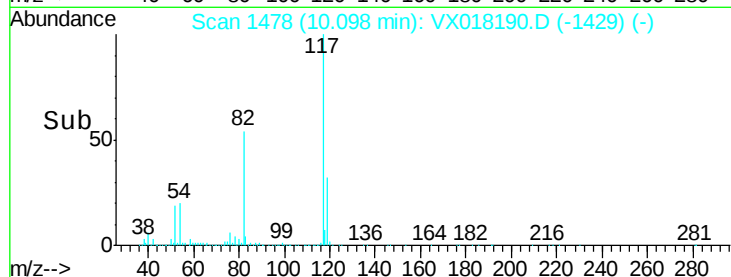
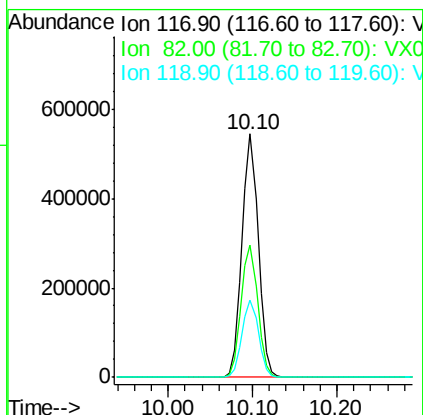
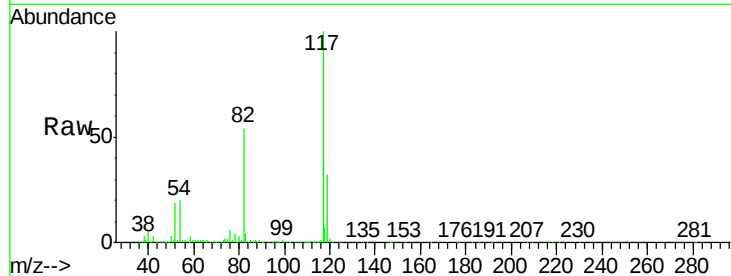




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018190.D
Acq: 01 Sep 2020 14:30

Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#06

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.2	66.2
119	31.9	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018190.D
Acq: 01 Sep 2020 14:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	41.5	124.5
150	156.3	0.0	343.8

