

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018193.D
 Acq On : 01 Sep 2020 15:39
 Operator : JC/SP
 Sample : PB131314ZHE#09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#09

Quant Time: Sep 02 03:55:14 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	5.64	168	420208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	675533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	679328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	307128	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	302597	51.87	ug/l	0.00
Spiked Amount						
			Recovery	=	103.74%	
35) Dibromofluoromethane	5.47	113	241978	52.60	ug/l	0.00
Spiked Amount						
			Recovery	=	105.20%	
50) Toluene-d8	8.70	98	870936	50.83	ug/l	0.00
Spiked Amount						
			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.12	95	318657	47.27	ug/l	0.00
Spiked Amount						
			Recovery	=	94.54%	

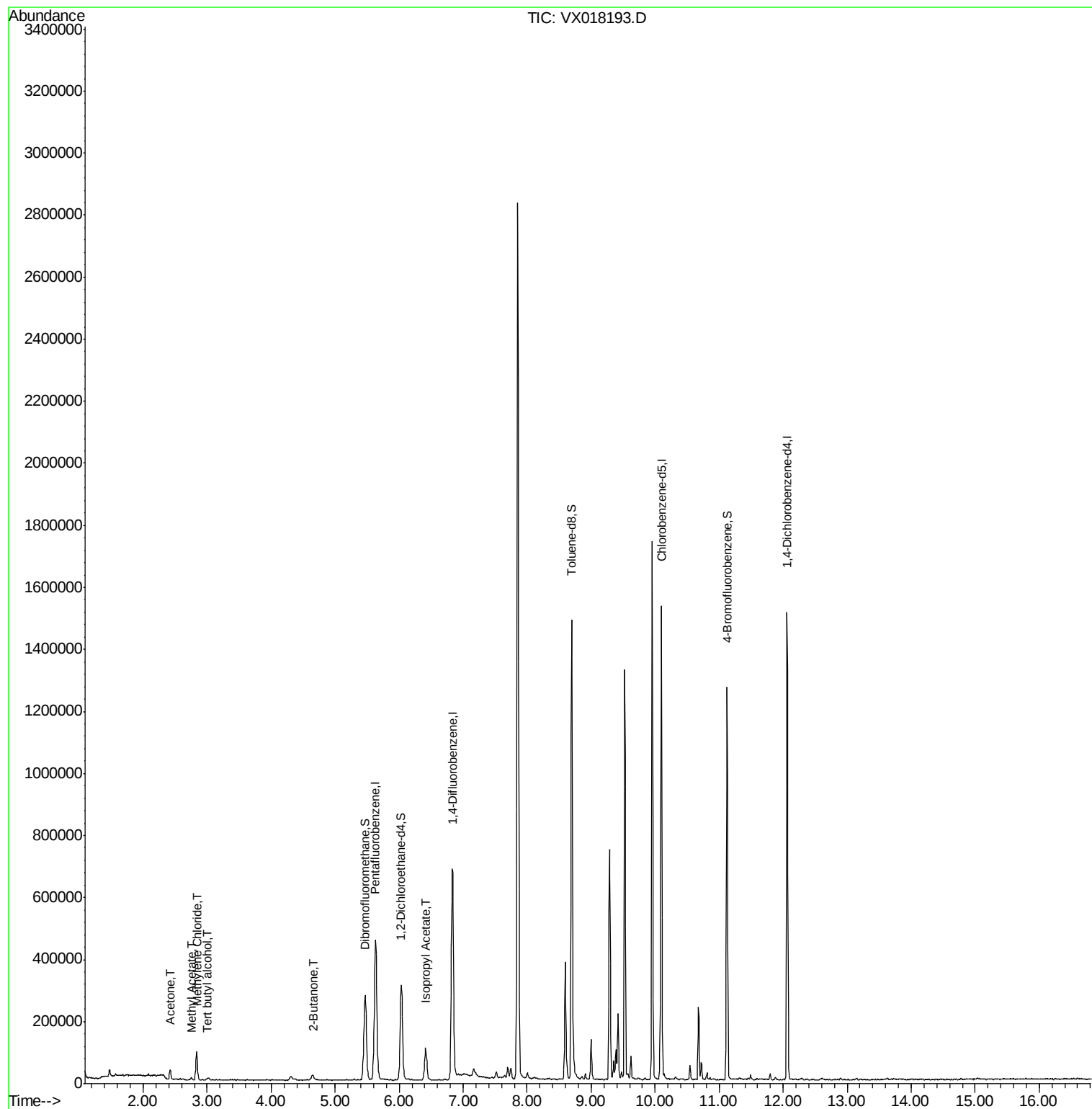
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	7338	6.469	ug/l	95
16) Acetone	2.42	43	34947	15.374	ug/l	91
18) Methyl Acetate	2.75	43	7745	1.412	ug/l	92
20) Methylene Chloride	2.84	84	42933	8.262	ug/l	98
25) 2-Butanone	4.65	43	26574	7.113	ug/l	99
43) Isopropyl Acetate	6.42	43	148988	12.747	ug/l	99

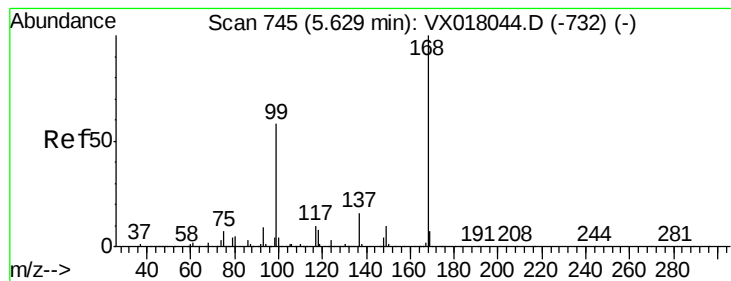
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018193.D

Acq: 01 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

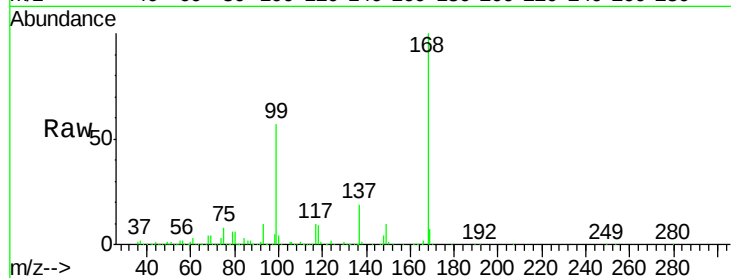
PB131314ZHE#09

Tot Ion:168 Resp: 420208

Ion Ratio Lower Upper

168 100

99 56.6 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

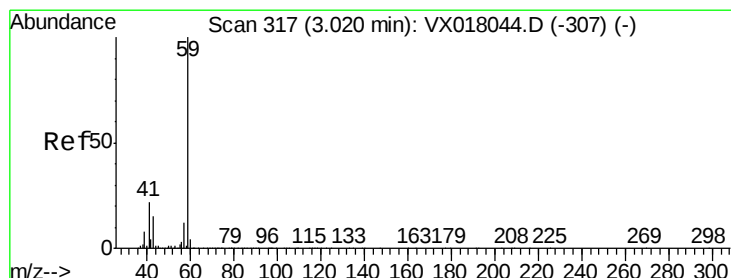
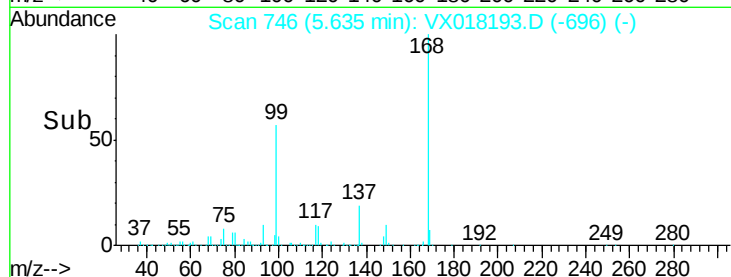
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 6.469 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX018193.D

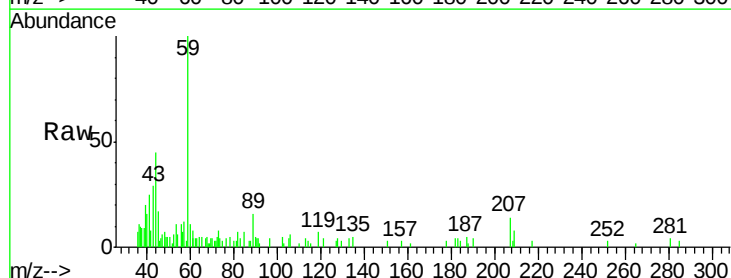
Acq: 01 Sep 2020 15:39

Tgt Ion: 59 Resp: 7338

Ion Ratio Lower Upper

59 100

57 9.1 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3000

2500

2000

1500

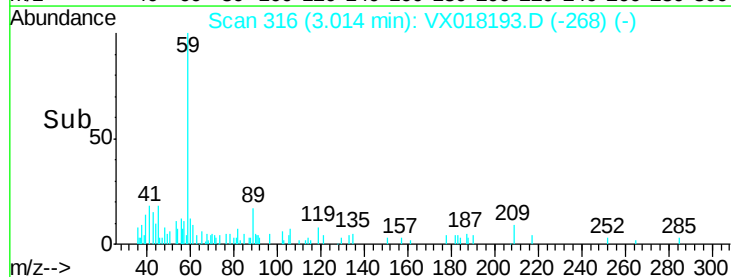
1000

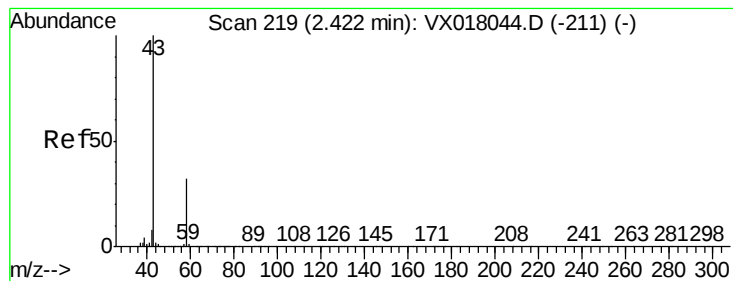
500

0

2.90 2.95 3.00 3.05 3.10

Time-->





#16

Acetone

Concen: 15.374 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018193.D

Acq: 01 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

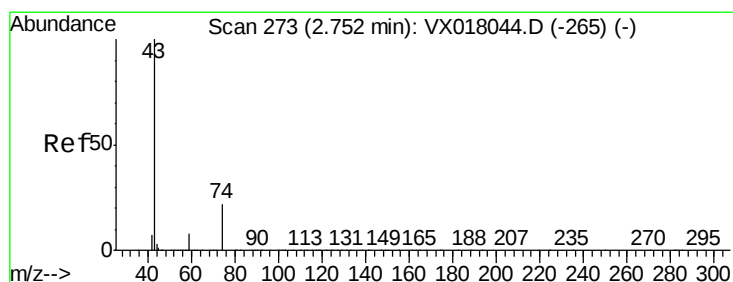
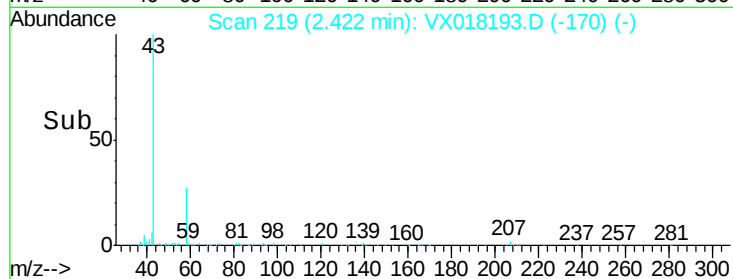
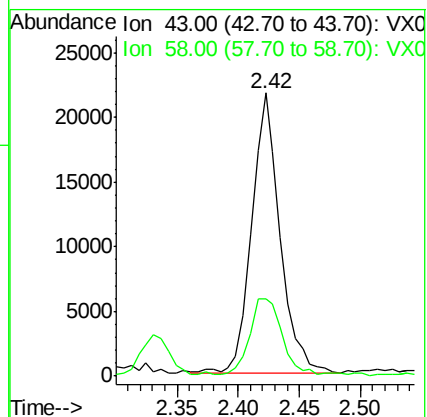
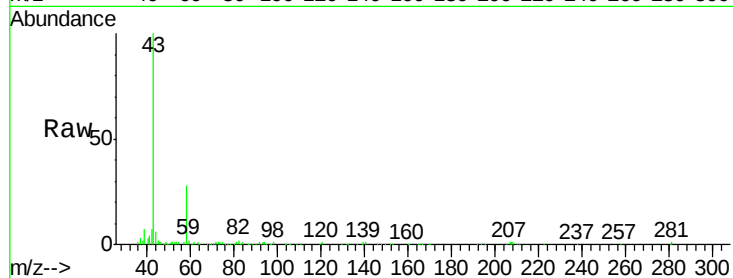
PB131314ZHE#09

Tot Ion: 43 Resp: 34947

Ion Ratio Lower Upper

43 100

58 27.0 25.5 38.3



#18

Methyl Acetate

Concen: 1.412 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018193.D

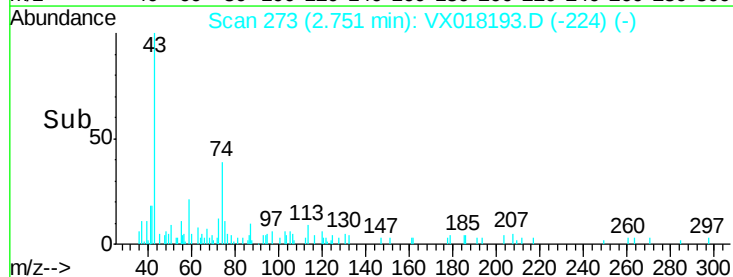
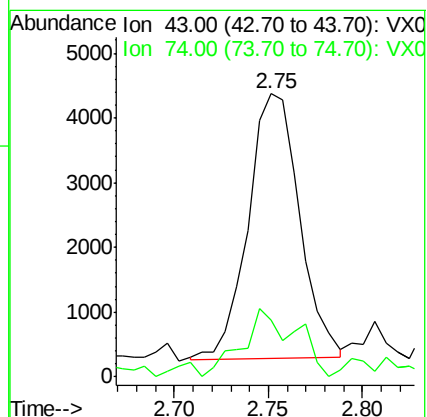
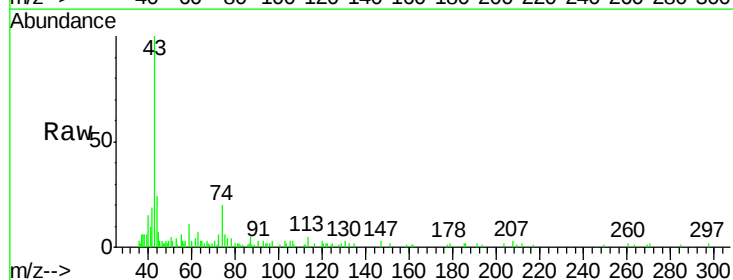
Acq: 01 Sep 2020 15:39

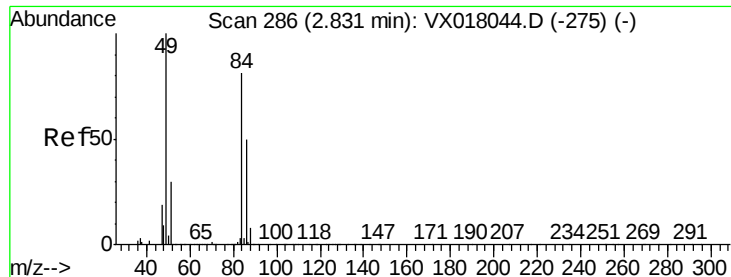
Tgt Ion: 43 Resp: 7745

Ion Ratio Lower Upper

43 100

74 26.8 18.2 27.4

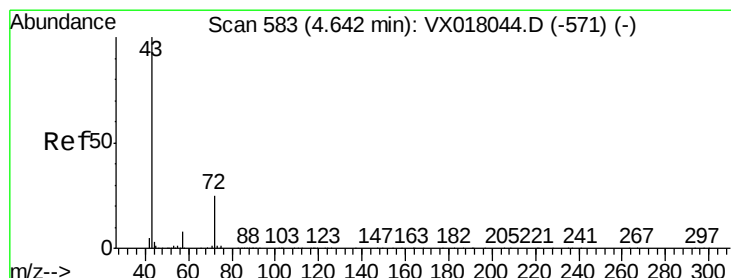
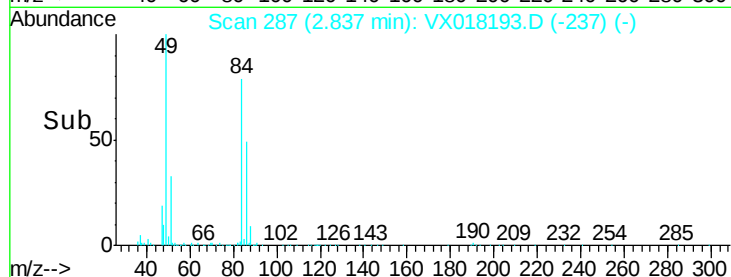
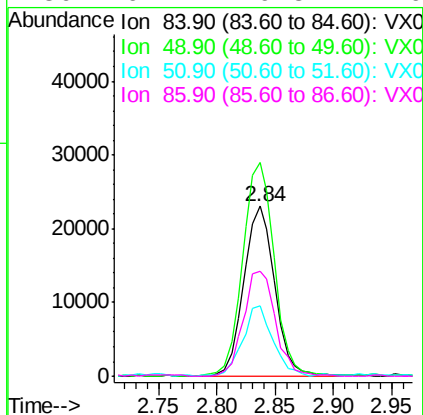
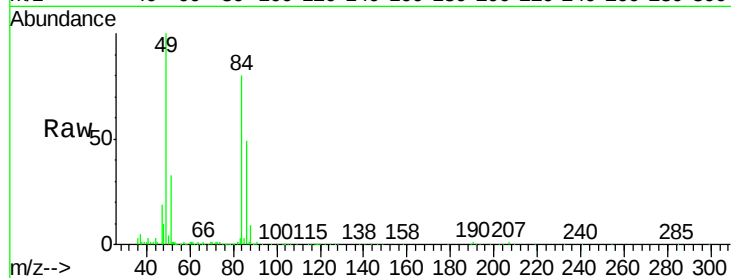




#20
Methvlene Chloride
Concen: 8.262 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018193.D
Acq: 01 Sep 2020 15:39

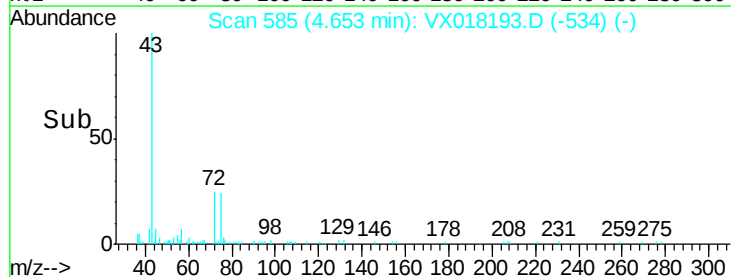
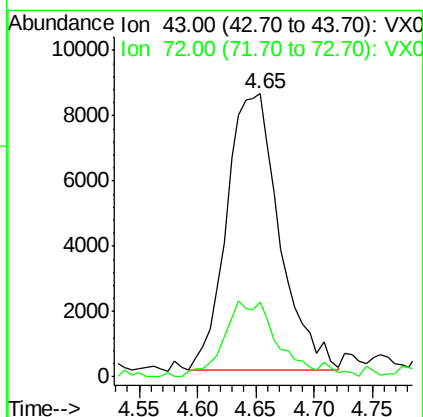
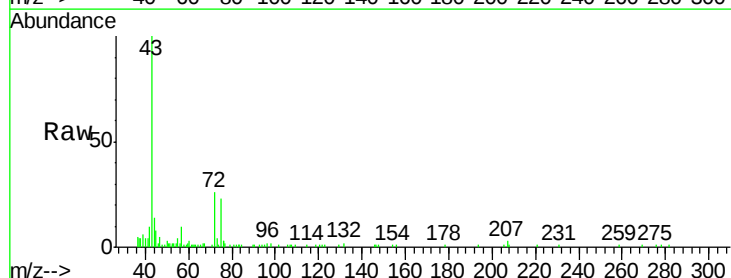
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#09

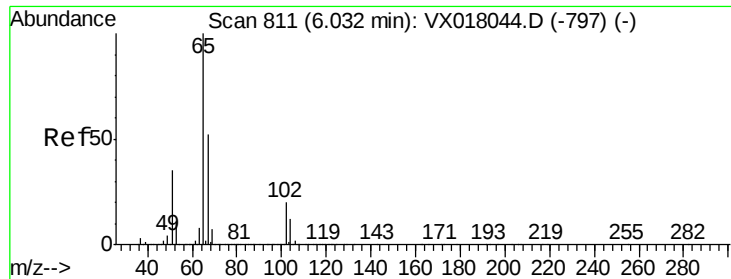
Tot Ion: 84 Resp: 42933
Ion Ratio Lower Upper
84 100
49 125.7 98.6 148.0
51 41.1 29.6 44.4
86 62.1 49.8 74.6



#25
2-Butanone
Concen: 7.113 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX018193.D
Acq: 01 Sep 2020 15:39

Tgt Ion: 43 Resp: 26574
Ion Ratio Lower Upper
43 100
72 25.3 19.8 29.6





#33

1,2-Dichloroethane-d4

Concen: 51.872 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018193.D

Acq: 01 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

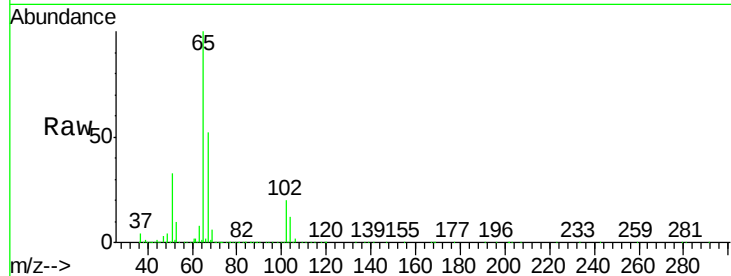
PB131314ZHE#09

Tot Ion: 65 Resp: 302597

Ion Ratio Lower Upper

65 100

67 50.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

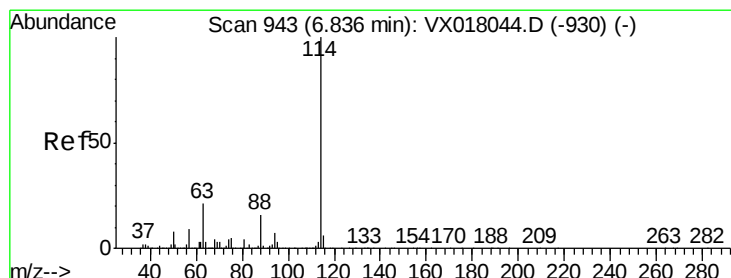
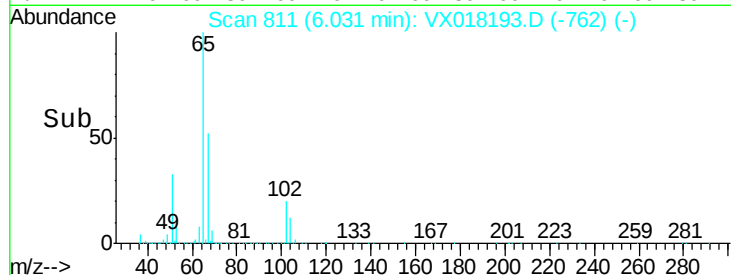
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018193.D

Acq: 01 Sep 2020 15:39

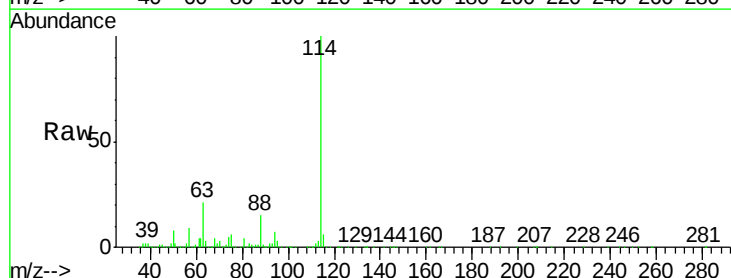
Tgt Ion: 114 Resp: 675533

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 14.9 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

6.83

400000

300000

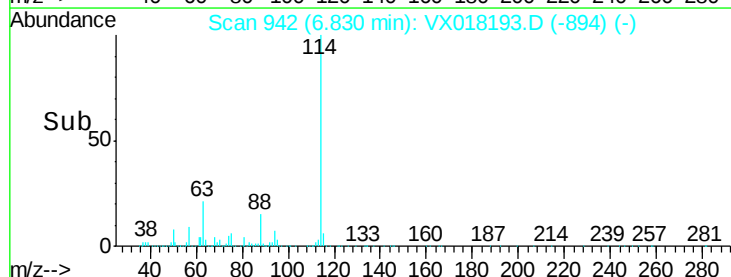
200000

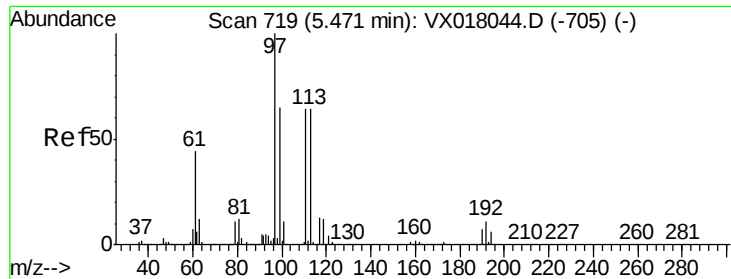
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 52.596 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018193.D

Acq: 01 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

PB131314ZHE#09

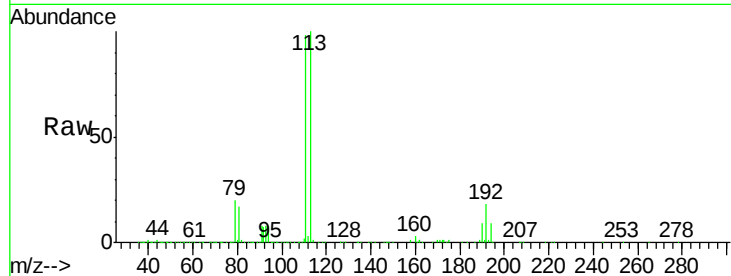
Tot Ion:113 Resp: 241978

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

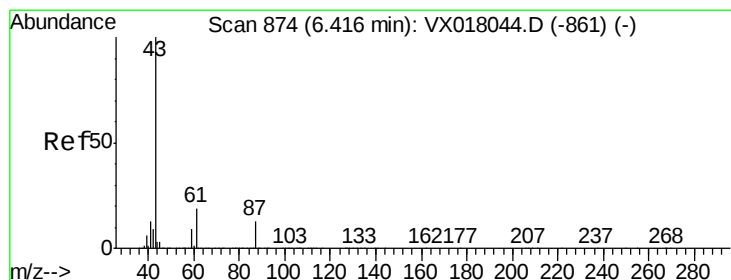
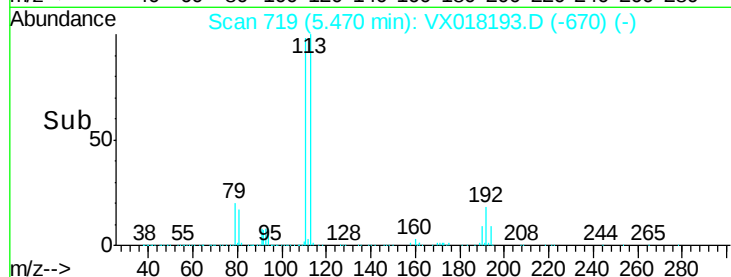
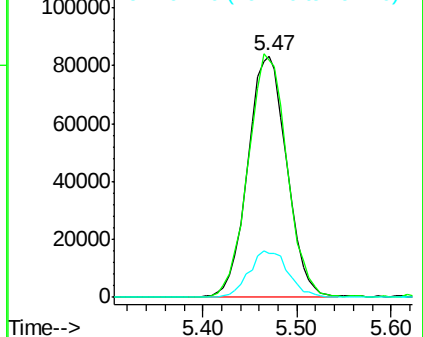
192 19.4 15.8 23.8



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: 12.747 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018193.D

Acq: 01 Sep 2020 15:39

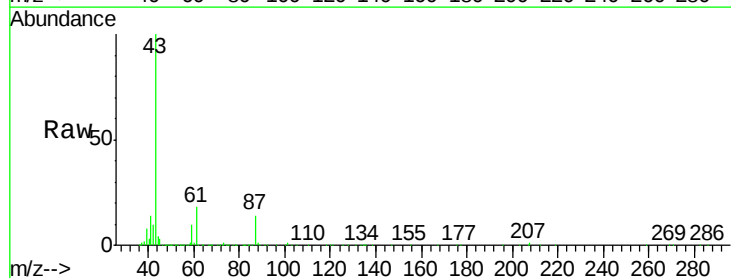
Tgt Ion: 43 Resp: 148988

Ion Ratio Lower Upper

43 100

61 18.5 15.7 23.5

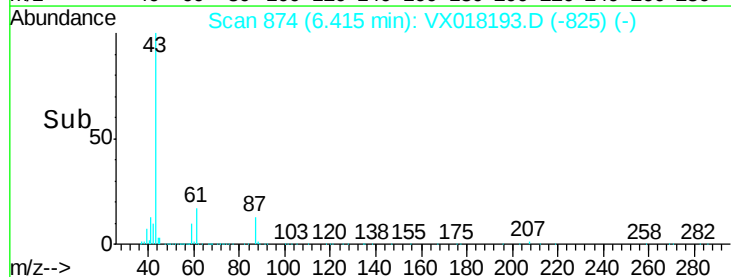
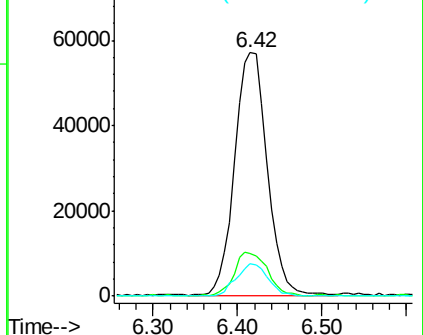
87 12.9 10.3 15.5

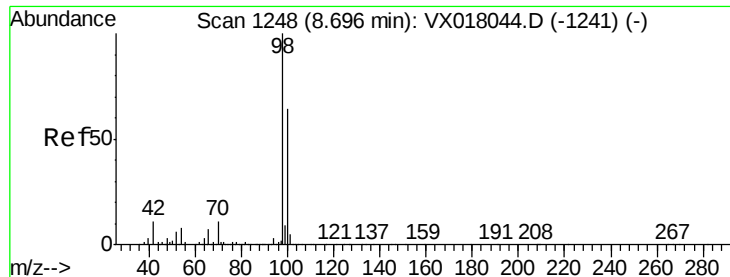


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.826 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018193.D

Acq: 01 Sep 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

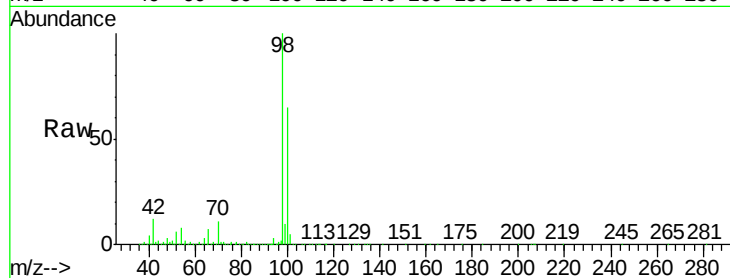
PB131314ZHE#09

Tot Ion: 98 Resp: 870936

Ion Ratio Lower Upper

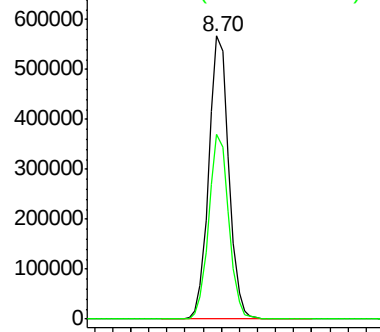
98 100

100 65.2 52.2 78.4

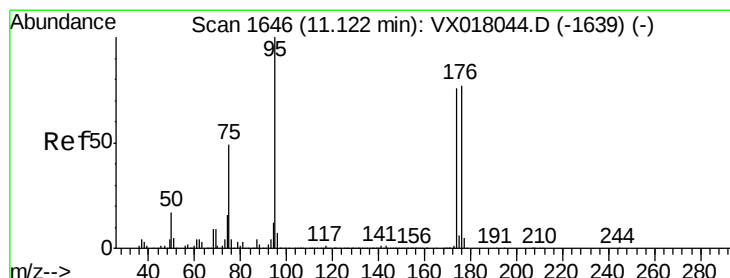
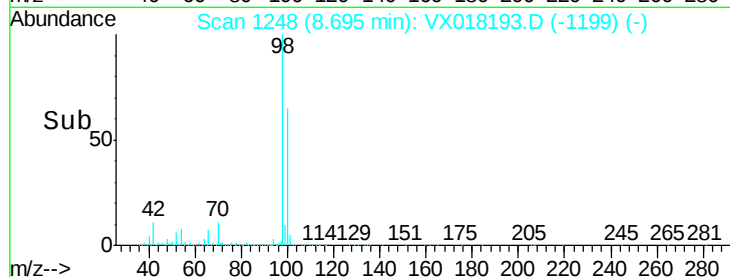


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#62

4-Bromofluorobenzene

Concen: 47.266 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018193.D

Acq: 01 Sep 2020 15:39

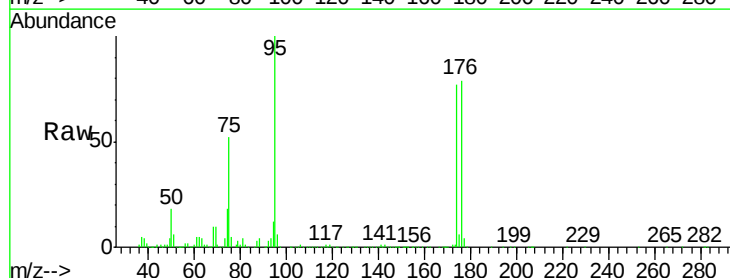
Tgt Ion: 95 Resp: 318657

Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.2

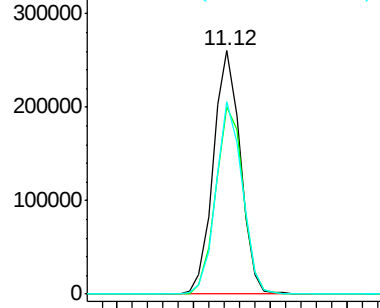
176 77.3 0.0 155.8



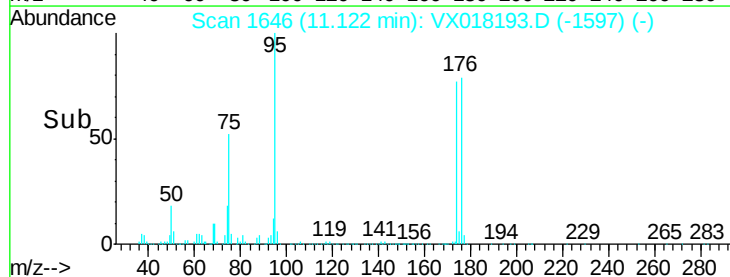
Abundance Ion 94.90 (94.60 to 95.60): VX0

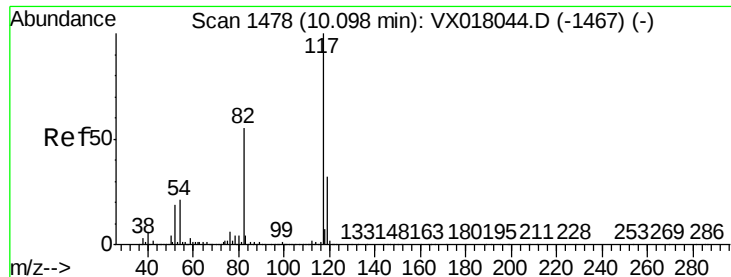
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

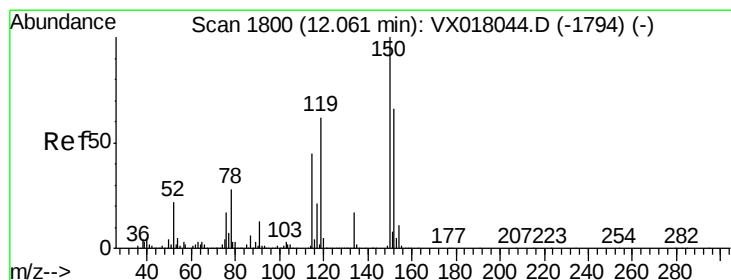
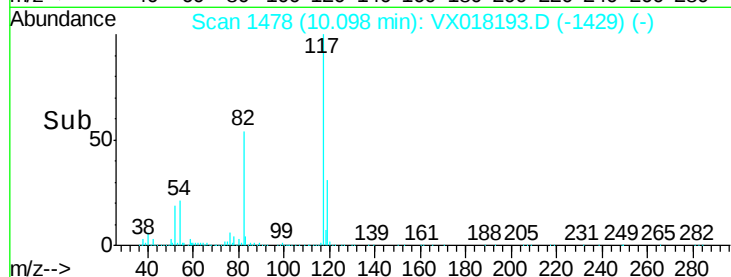
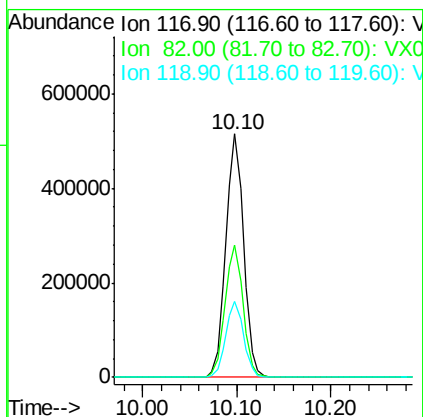
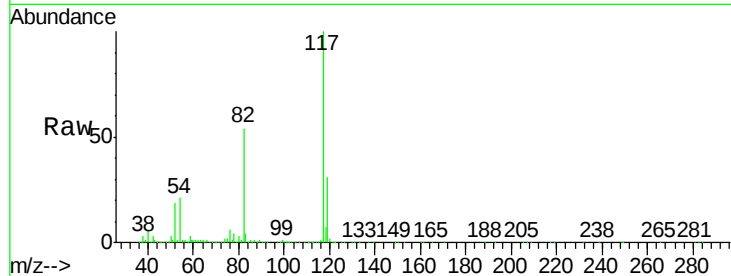




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018193.D
Acq: 01 Sep 2020 15:39

Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#09

Tot Ion:117 Resp: 679328
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.3 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: VX018193.D
Acq: 01 Sep 2020 15:39

Tgt Ion:152 Resp: 307128
Ion Ratio Lower Upper
152 100
115 58.8 41.5 124.5
150 156.9 0.0 343.8

