

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018192.D
 Acq On : 01 Sep 2020 15:16
 Operator : JC/SP
 Sample : PB131314ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#08

Quant Time: Sep 02 03:53:31 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	432245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	722260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	708333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	329725	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	316472	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
35) Dibromofluoromethane	5.47	113	251879	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
50) Toluene-d8	8.70	98	900259	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.12	95	338811	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	

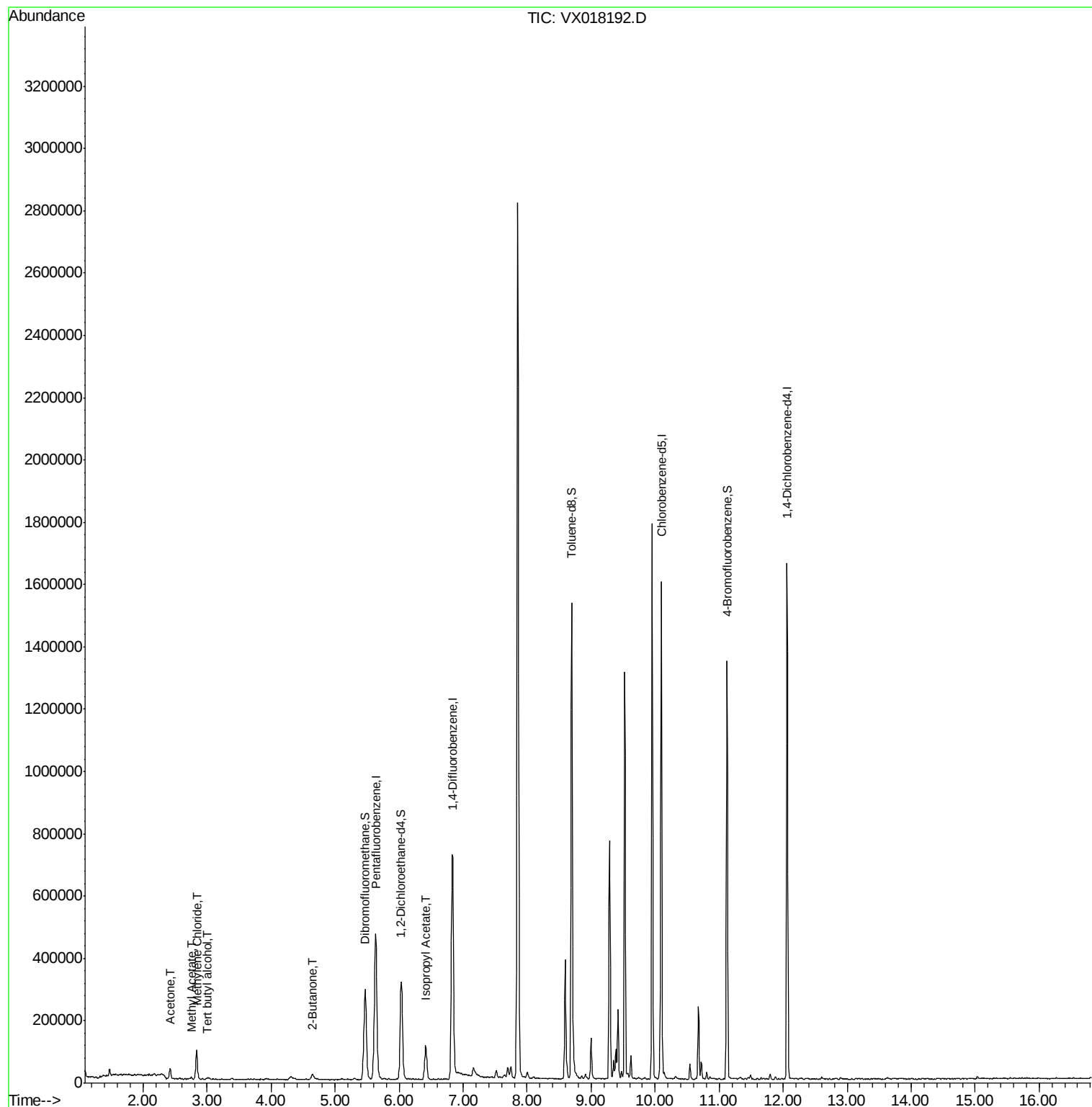
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	7754	6.646	ug/l #	81
16) Acetone	2.42	43	33756	14.437	ug/l	99
18) Methyl Acetate	2.75	43	7982	1.415	ug/l	91
20) Methylene Chloride	2.83	84	44061	8.241	ug/l	98
25) 2-Butanone	4.65	43	27725	7.215	ug/l	98
43) Isopropyl Acetate	6.42	43	149833	11.990	ug/l	99

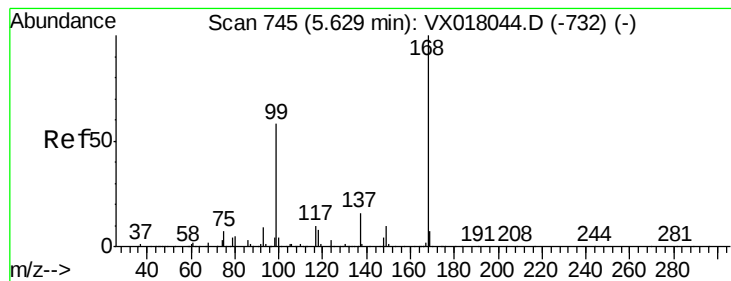
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018192.D

Acq: 01 Sep 2020 15:16

Instrument :

MSVOA_X

ClientSampleId :

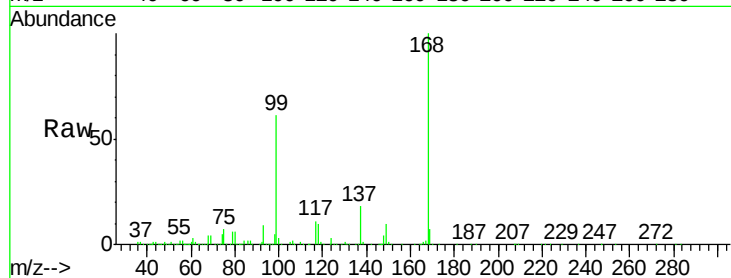
PB131314ZHE#08

Tot Ion:168 Resp: 432245

Ion Ratio Lower Upper

168 100

99 60.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

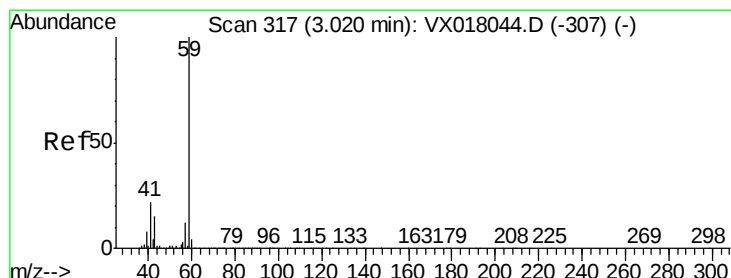
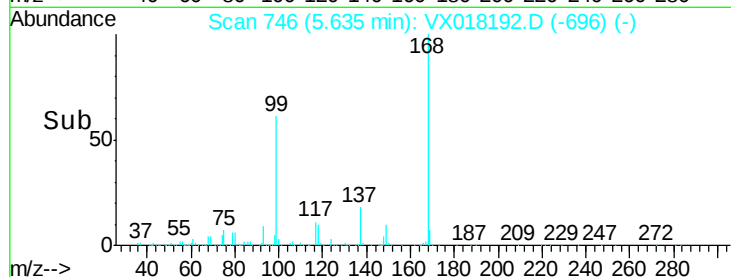
100000

50000

0

5.50 5.60 5.70

Time-->



#11

Tert butyl alcohol

Concen: 6.646 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX018192.D

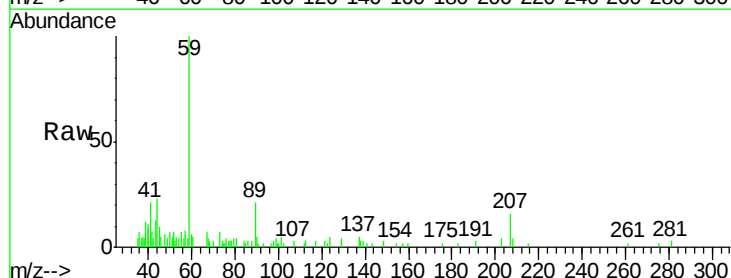
Acq: 01 Sep 2020 15:16

Tgt Ion: 59 Resp: 7754

Ion Ratio Lower Upper

59 100

57 18.3 8.9 13.3#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3000

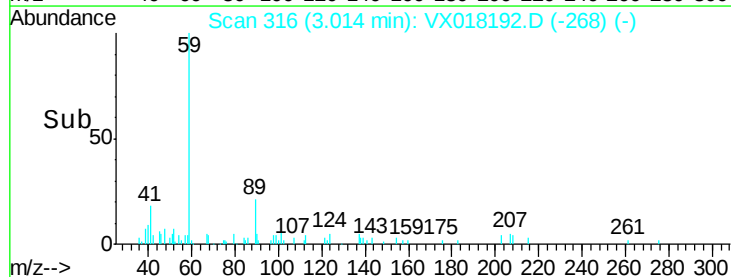
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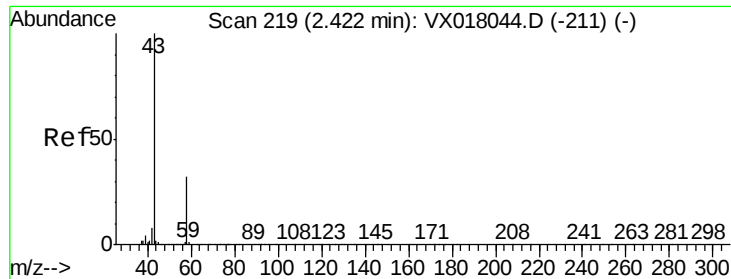
1000

0

2.95 3.00 3.05 3.10

Time-->

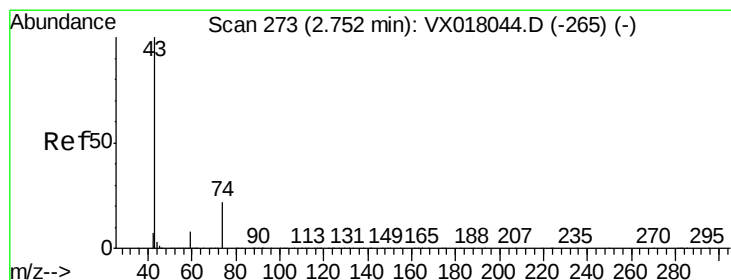
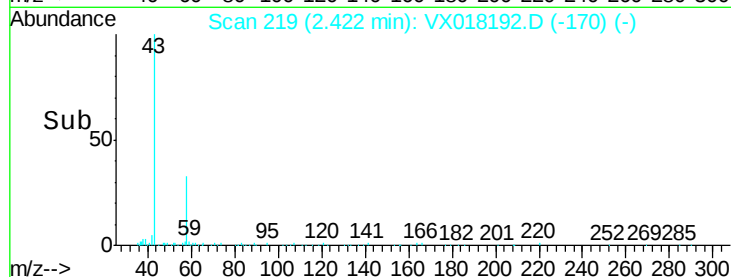
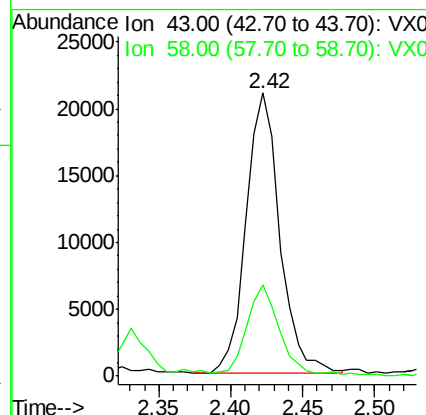
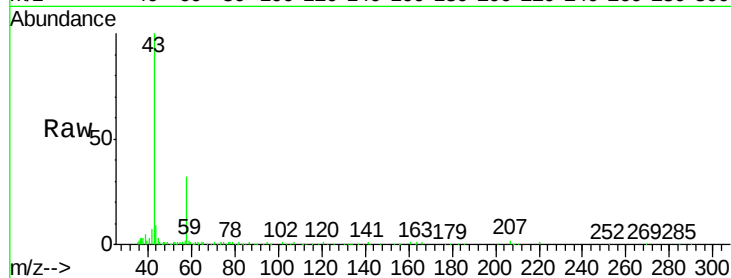




#16
Acetone
Concen: 14.437 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018192.D
Acq: 01 Sep 2020 15:16

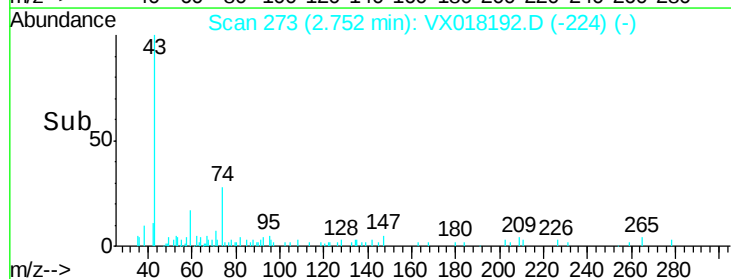
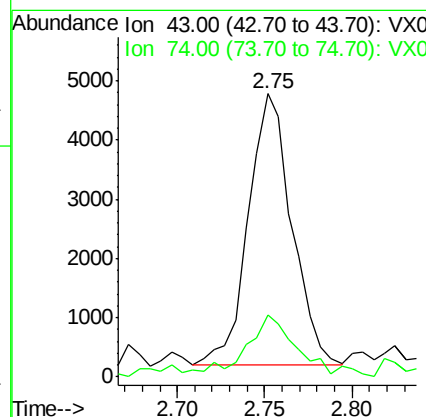
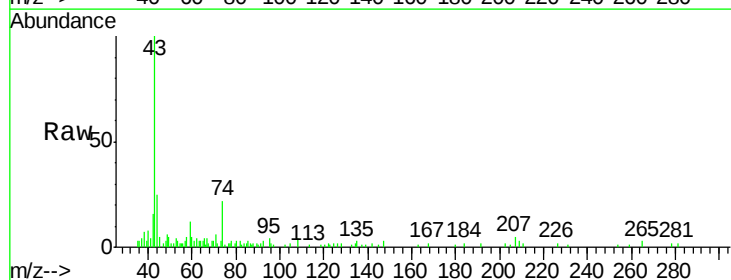
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#08

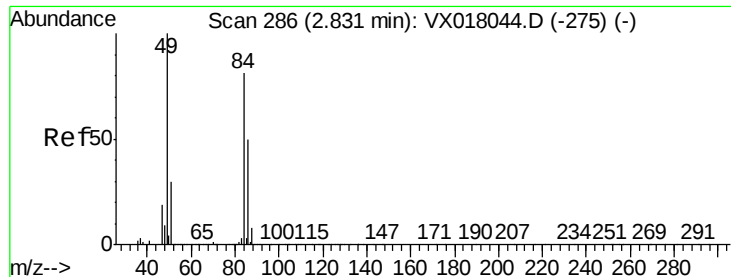
Tot Ion: 43 Resp: 33756
Ion Ratio Lower Upper
43 100
58 31.3 25.5 38.3



#18
Methyl Acetate
Concen: 1.415 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018192.D
Acq: 01 Sep 2020 15:16

Tgt Ion: 43 Resp: 7982
Ion Ratio Lower Upper
43 100
74 27.2 18.2 27.4

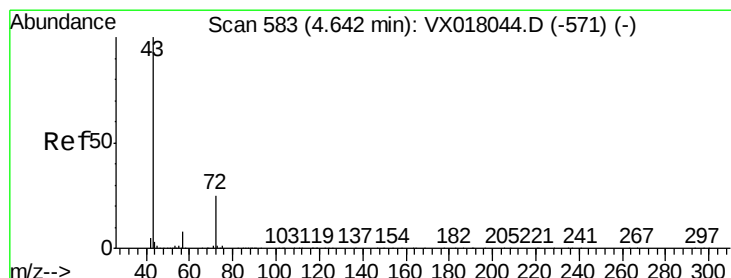
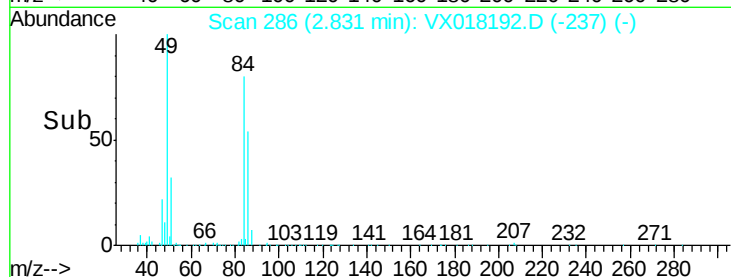
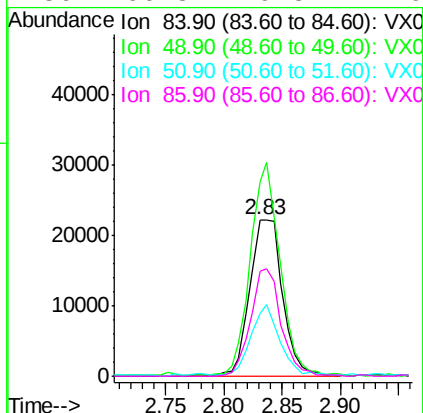
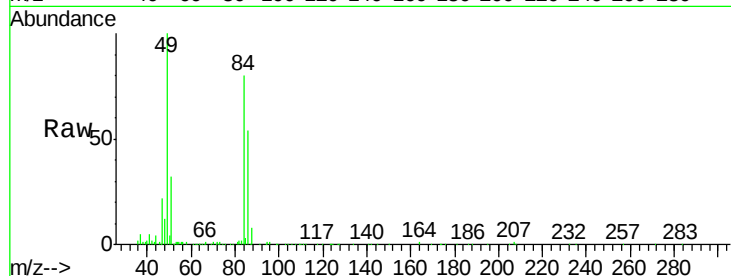




#20
Methvlene Chloride
Concen: 8.241 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018192.D
Acq: 01 Sep 2020 15:16

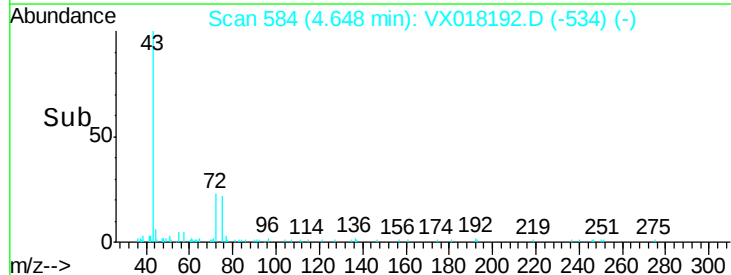
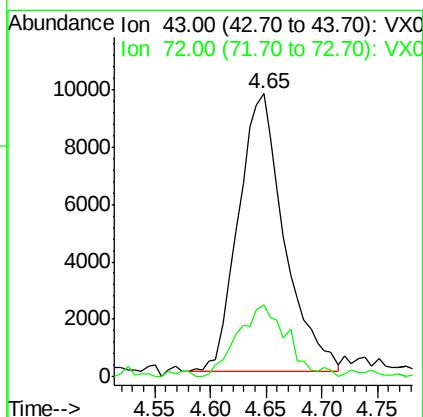
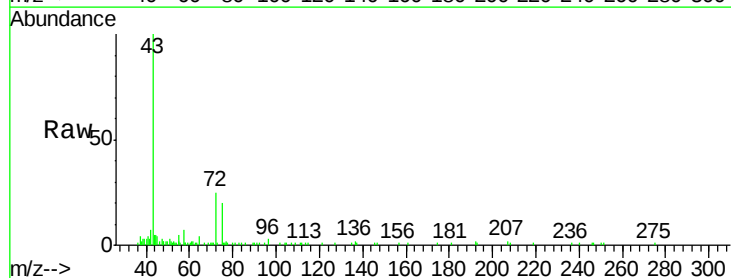
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#08

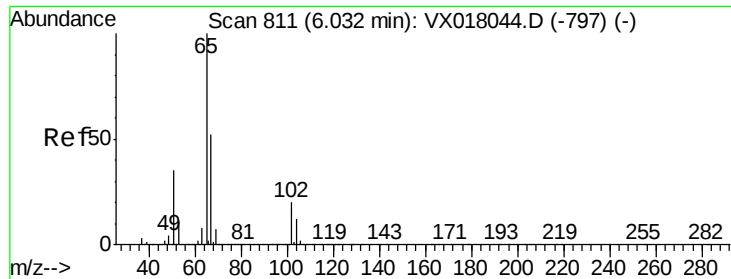
Tot Ion:	84	Resp:	44061
Ion	Ratio	Lower	Upper
84	100		
49	123.6	98.6	148.0
51	39.2	29.6	44.4
86	66.8	49.8	74.6



#25
2-Butanone
Concen: 7.215 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX018192.D
Acq: 01 Sep 2020 15:16

Tgt Ion:	43	Resp:	27725
Ion	Ratio	Lower	Upper
43	100		
72	25.8	19.8	29.6

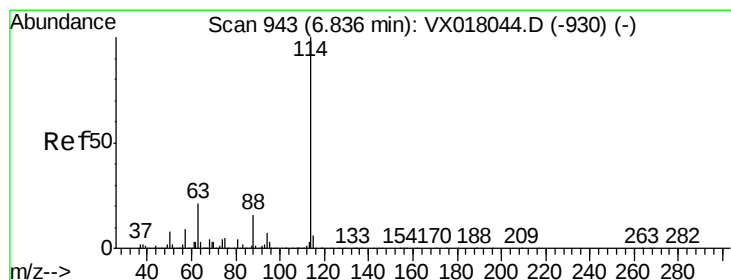
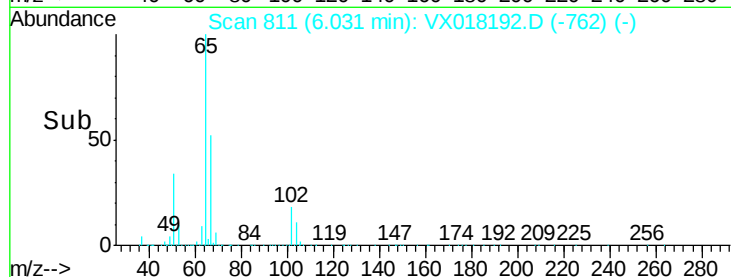
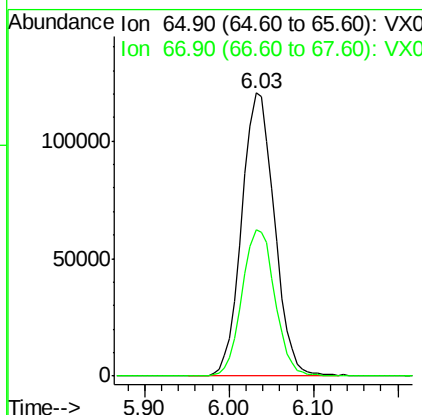
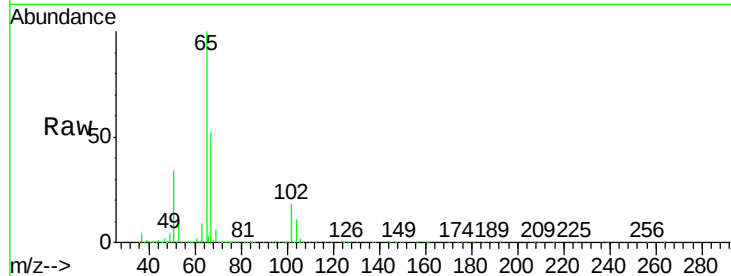




#33
 1,2-Dichloroethane-d4
 Concen: 52.739 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018192.D
 Acq: 01 Sep 2020 15:16

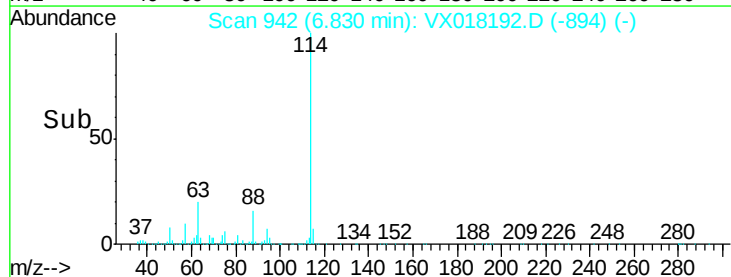
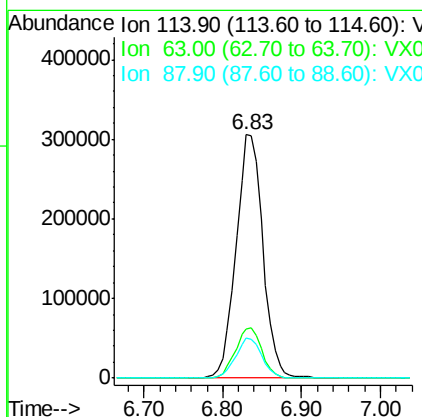
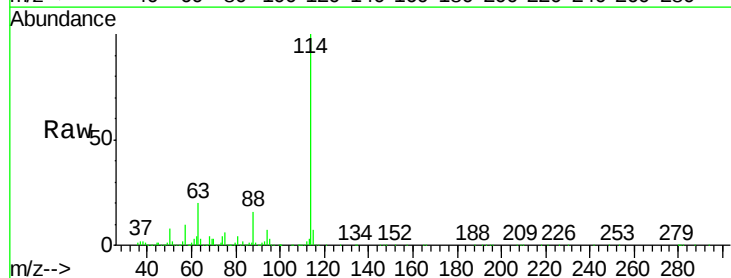
Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#08

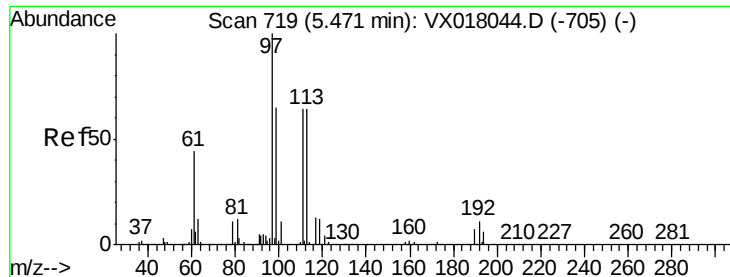
Tot Ion: 65 Resp: 316472
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018192.D
 Acq: 01 Sep 2020 15:16

Tgt Ion: 114 Resp: 722260
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.206 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018192.D

Acq: 01 Sep 2020 15:16

Instrument :

MSVOA_X

ClientSampleId :

PB131314ZHE#08

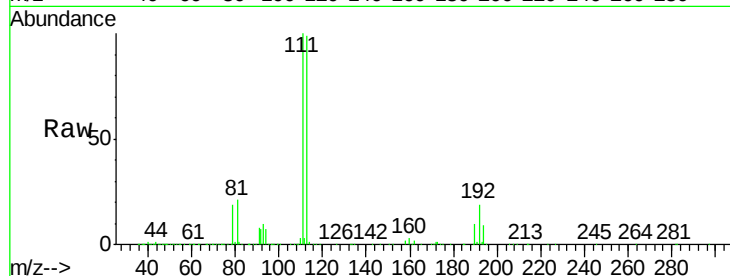
Tot Ion:113 Resp: 251879

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

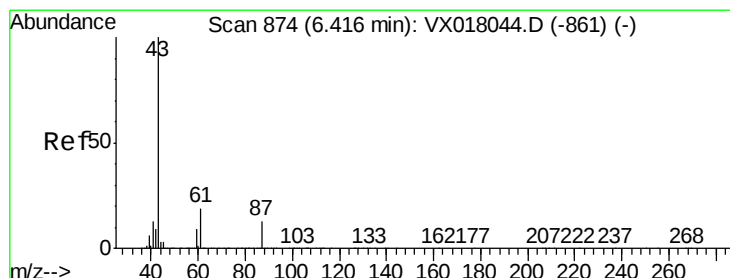
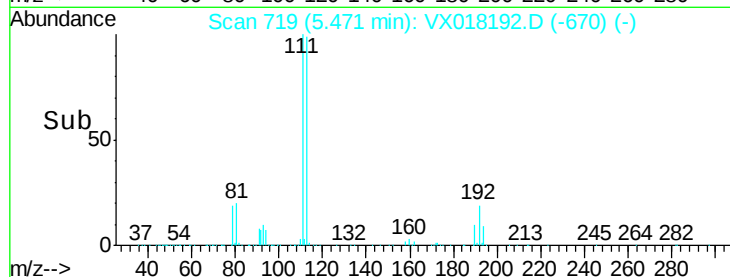
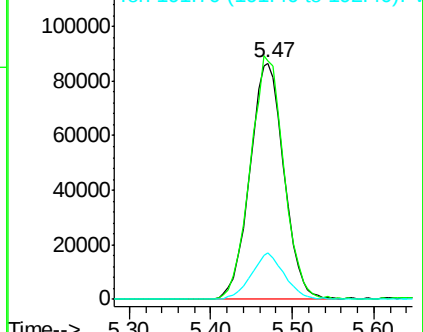
192 19.0 15.8 23.8



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: 11.990 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018192.D

Acq: 01 Sep 2020 15:16

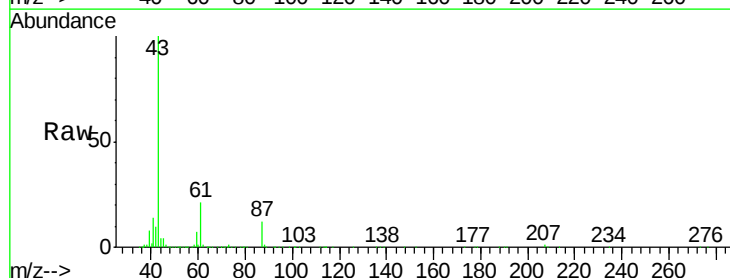
Tgt Ion: 43 Resp: 149833

Ion Ratio Lower Upper

43 100

61 18.9 15.7 23.5

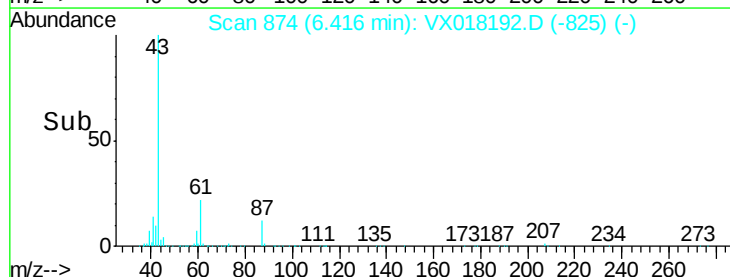
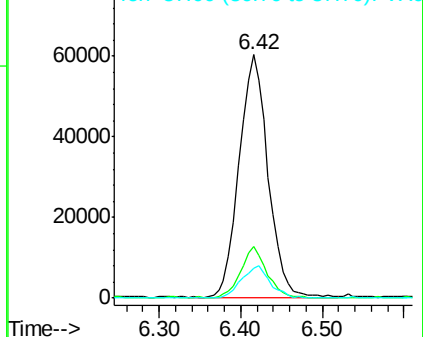
87 13.3 10.3 15.5

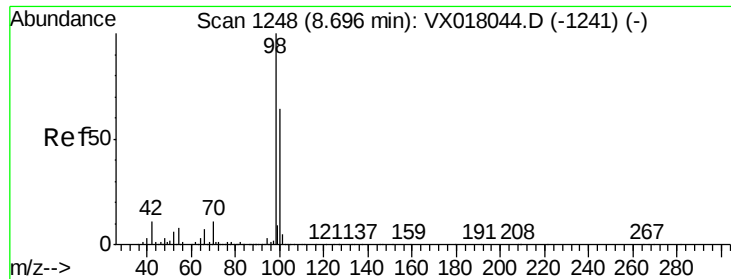


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.138 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018192.D

Acq: 01 Sep 2020 15:16

Instrument :

MSVOA_X

ClientSampleId :

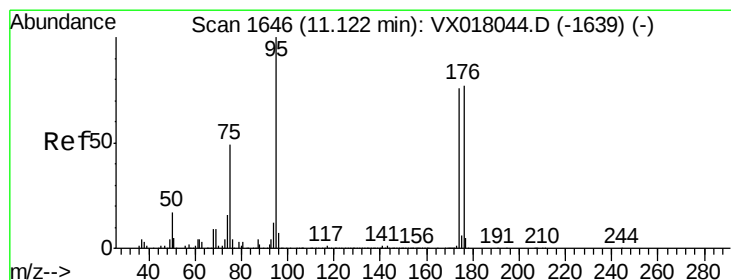
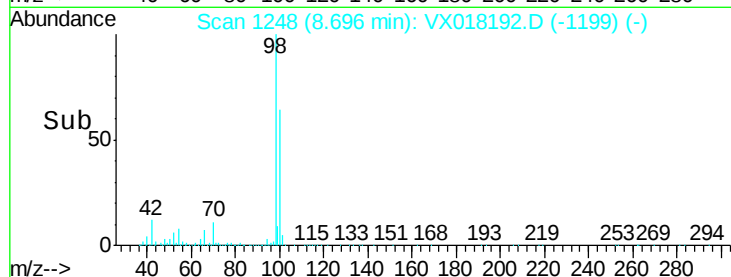
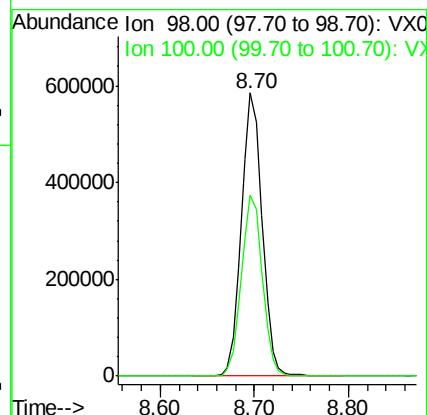
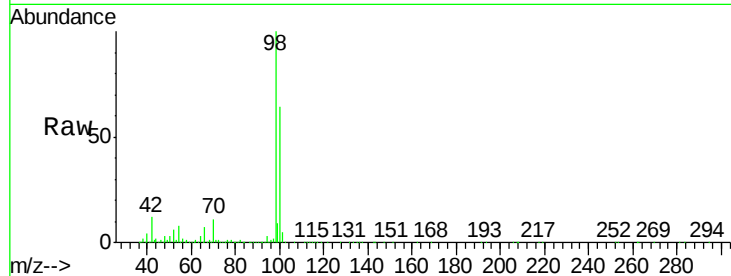
PB131314ZHE#08

Tot Ion: 98 Resp: 900259

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 47.004 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018192.D

Acq: 01 Sep 2020 15:16

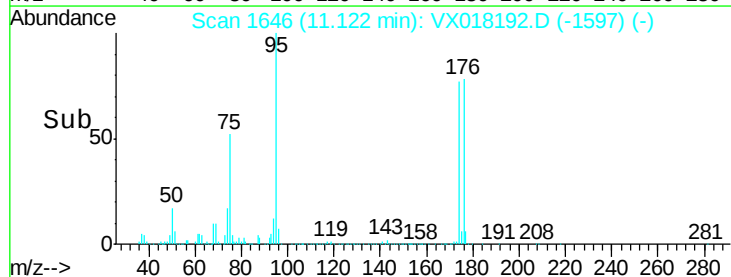
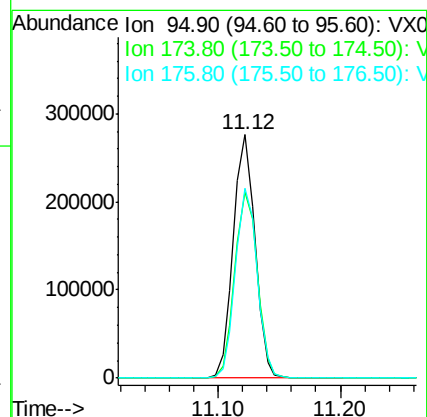
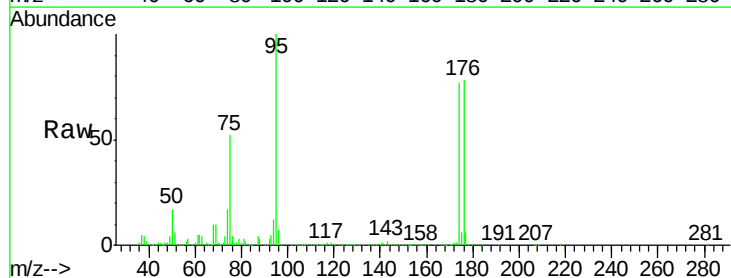
Tgt Ion: 95 Resp: 338811

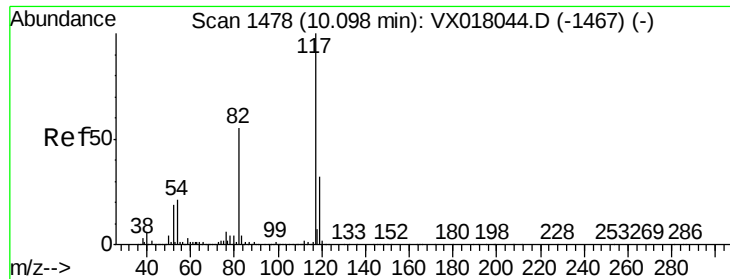
Ion Ratio Lower Upper

95 100

174 79.8 0.0 160.2

176 77.9 0.0 155.8

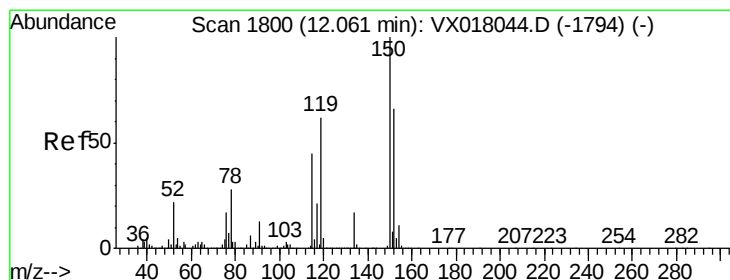
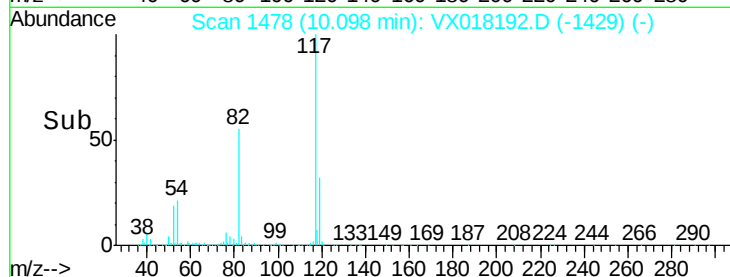
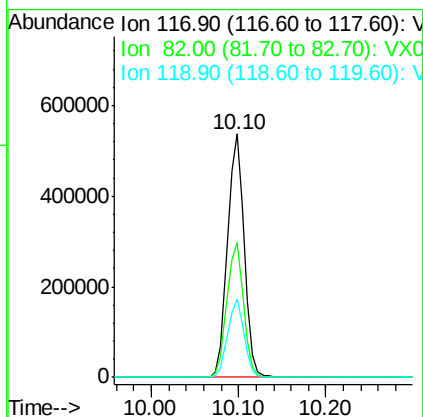
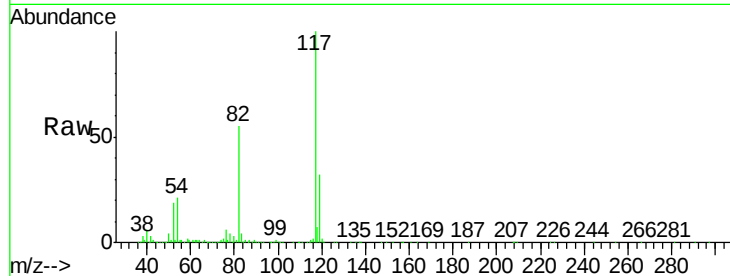




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018192.D
Acq: 01 Sep 2020 15:16

Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#08

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.2	66.2
119	32.3	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: VX018192.D
Acq: 01 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.5	124.5
150	158.5	0.0	343.8

