

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
 Data File : VX017441.D
 Acq On : 20 Jul 2020 17:59
 Operator : JC/SP
 Sample : PB130292ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130292ZHE#02

Quant Time: Jul 21 02:46:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

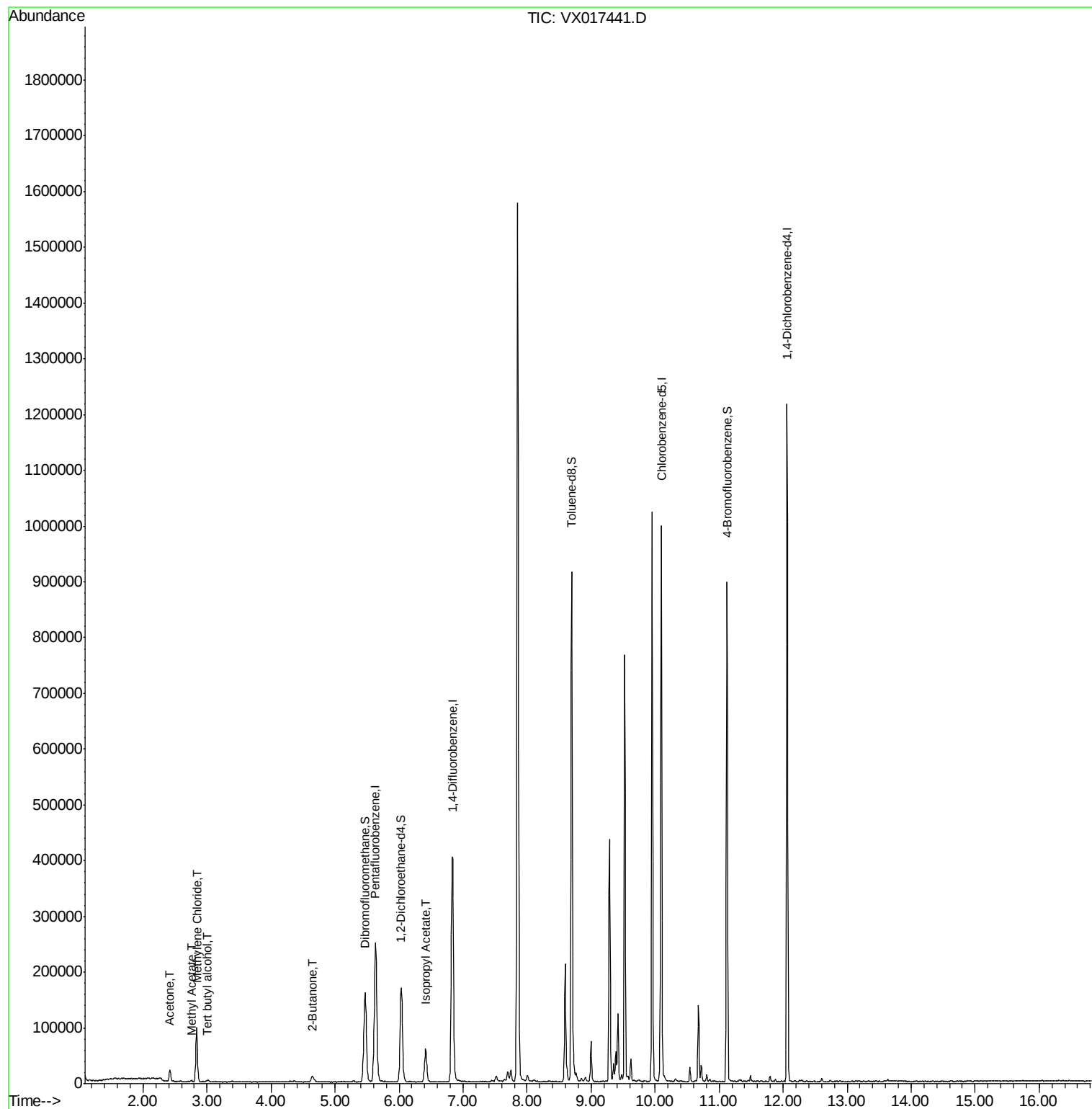
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	235667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	415793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	459616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	161969	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	5.47	113	140887	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	8.70	98	527568	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.12	95	228880	57.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.06%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	3405	6.833	ug/l	95
16) Acetone	2.42	43	21900	20.754	ug/l	96
18) Methyl Acetate	2.75	43	3315	1.272	ug/l #	84
20) Methylene Chloride	2.84	84	44546	17.302	ug/l	98
25) 2-Butanone	4.64	43	15437	9.211	ug/l	91
43) Isopropyl Acetate	6.41	43	78782	12.465	ug/l	99

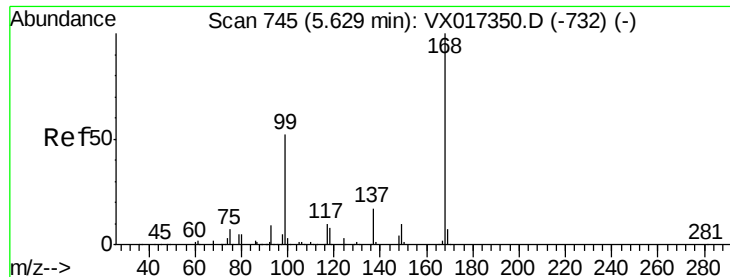
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017441.D

Acq: 20 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

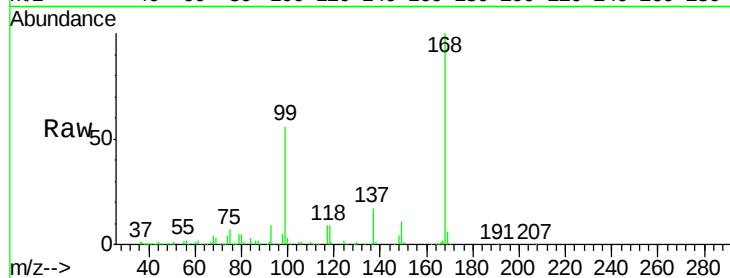
PB130292ZHE#02

Tot Ion:168 Resp: 235667

Ion Ratio Lower Upper

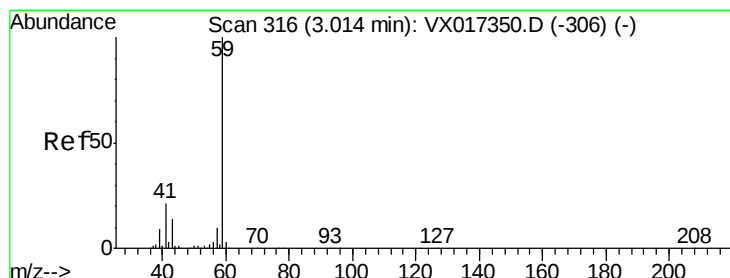
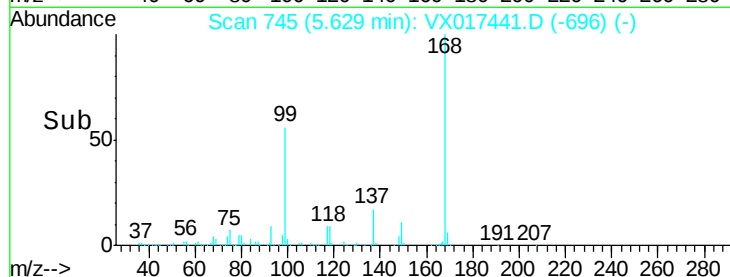
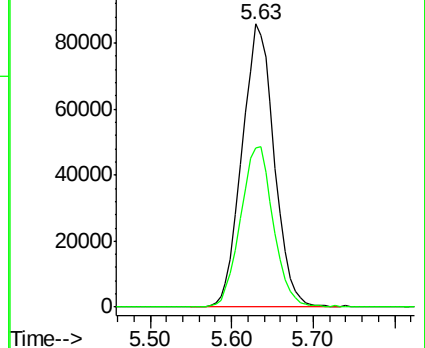
168 100

99 56.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 6.833 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX017441.D

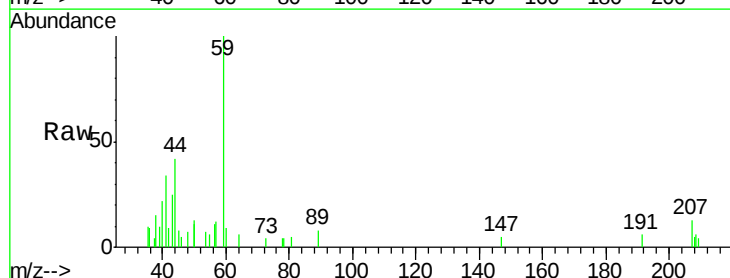
Acq: 20 Jul 2020 17:59

Tgt Ion: 59 Resp: 3405

Ion Ratio Lower Upper

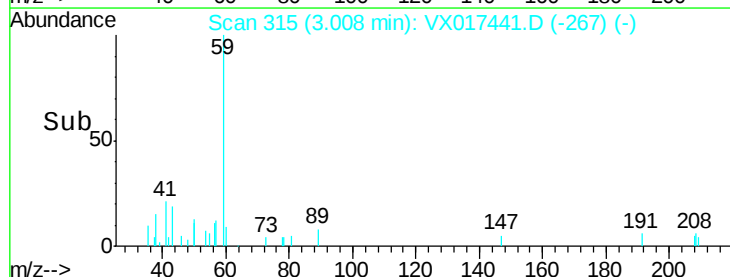
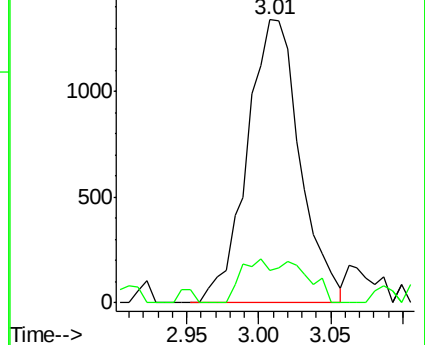
59 100

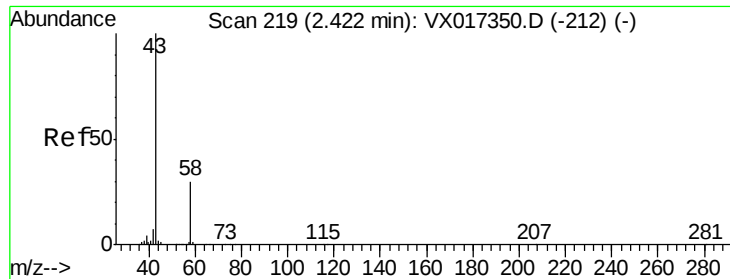
57 8.6 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 20.754 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017441.D

Acq: 20 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

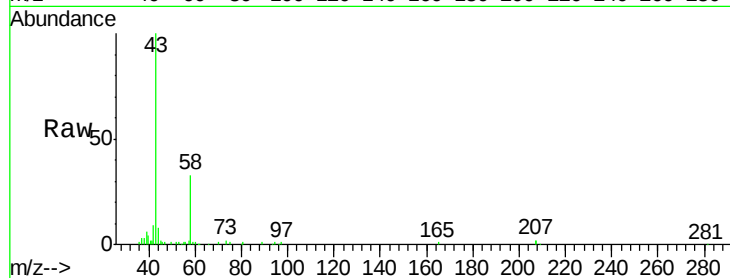
PB130292ZHE#02

Tot Ion: 43 Resp: 21900

Ion Ratio Lower Upper

43 100

58 32.5 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

15000

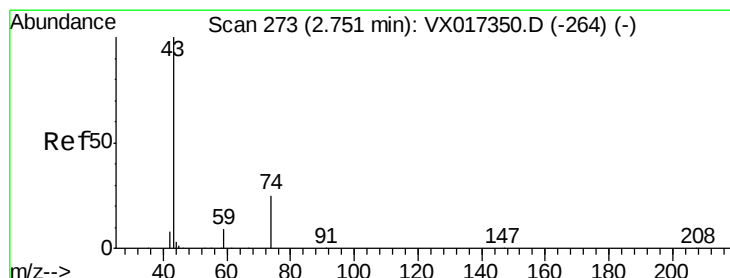
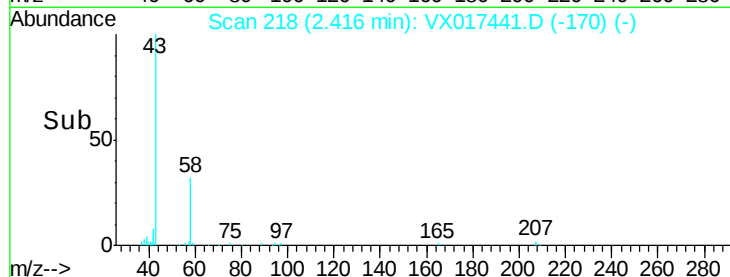
10000

5000

0

Time-->

2.35 2.40 2.45



#18

Methyl Acetate

Concen: 1.272 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017441.D

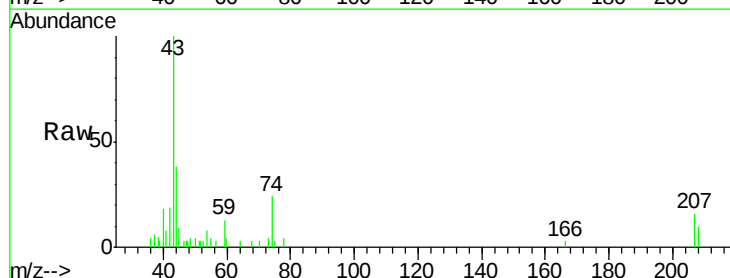
Acq: 20 Jul 2020 17:59

Tgt Ion: 43 Resp: 3315

Ion Ratio Lower Upper

43 100

74 32.1 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

2000

1500

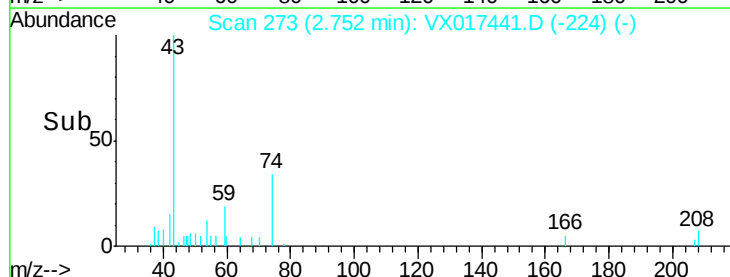
1000

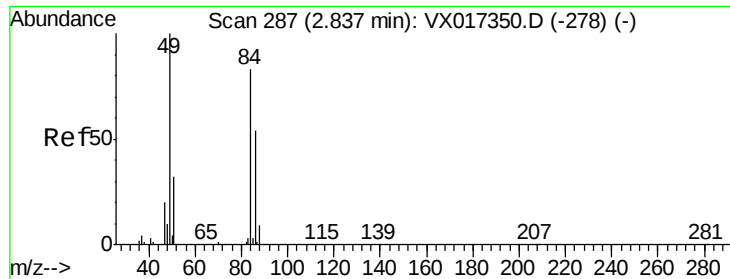
500

0

Time-->

2.70 2.75 2.80

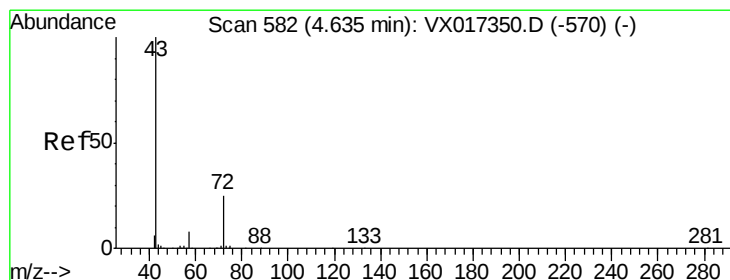
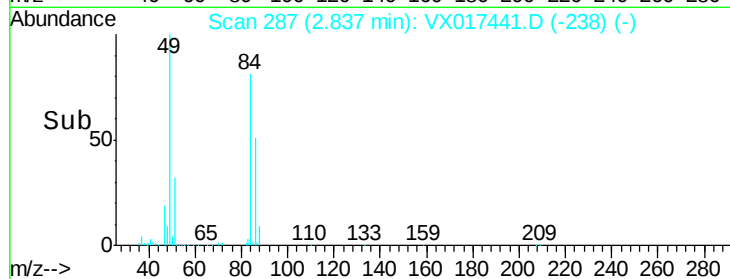
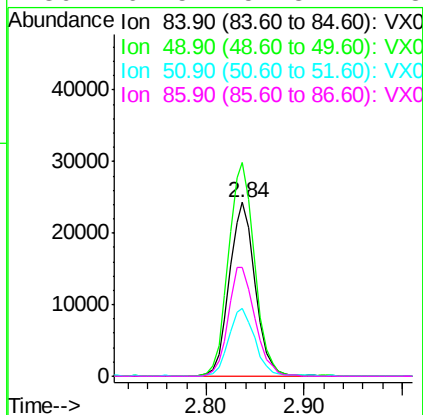
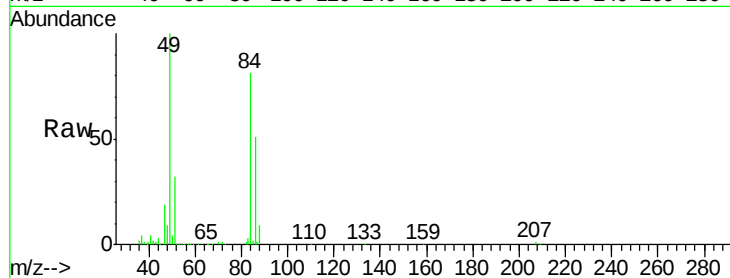




#20
Methvlene Chloride
Concen: 17.302 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017441.D
Acq: 20 Jul 2020 17:59

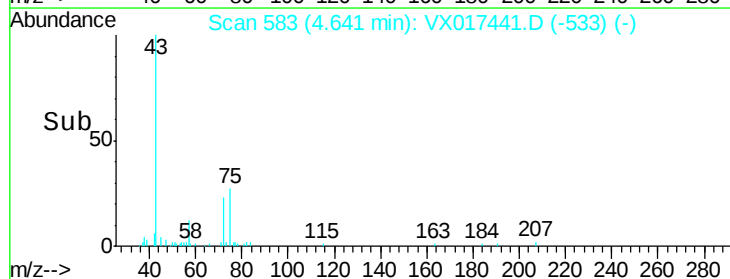
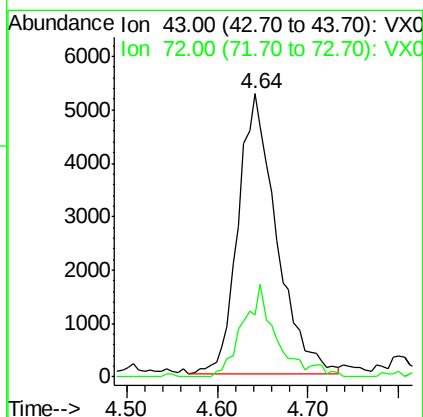
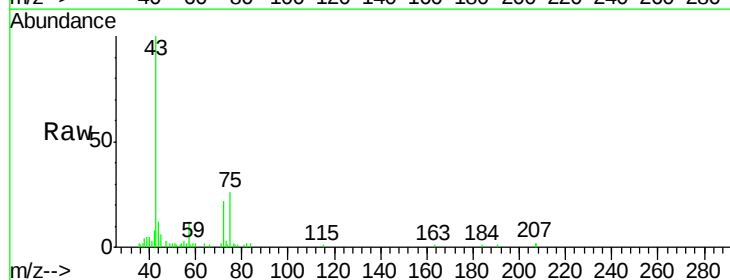
Instrument :
MSVOA_X
ClientSampleId :
PB130292ZHE#02

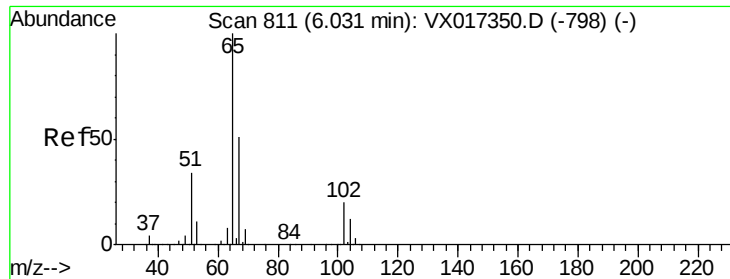
Tot Ion:	84	Resp:	44546
Ion	Ratio	Lower	Upper
84	100		
49	122.9	95.8	143.8
51	38.9	31.0	46.4
86	62.5	51.8	77.8



#25
2-Butanone
Concen: 9.211 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX017441.D
Acq: 20 Jul 2020 17:59

Tgt Ion:	43	Resp:	15437
Ion	Ratio	Lower	Upper
43	100		
72	21.1	20.4	30.6





#33

1,2-Dichloroethane-d4

Concen: 54.760 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017441.D

Acq: 20 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

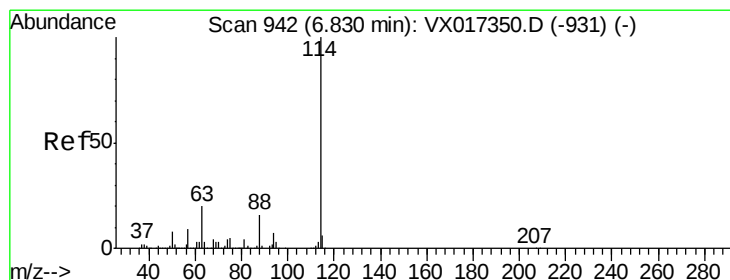
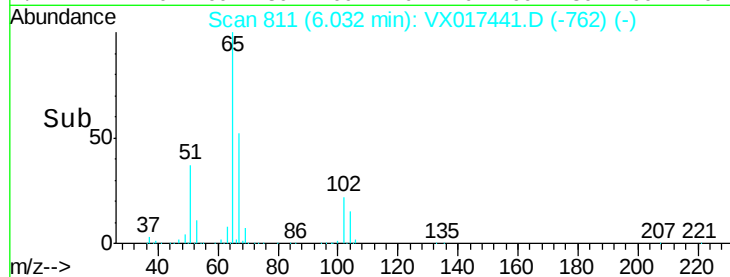
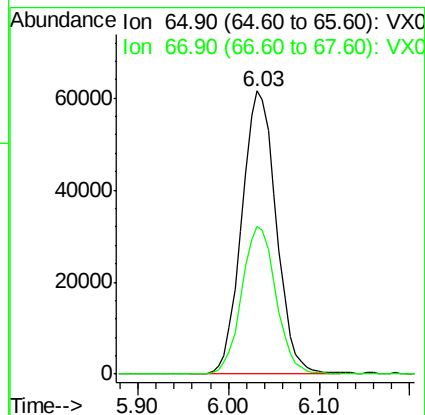
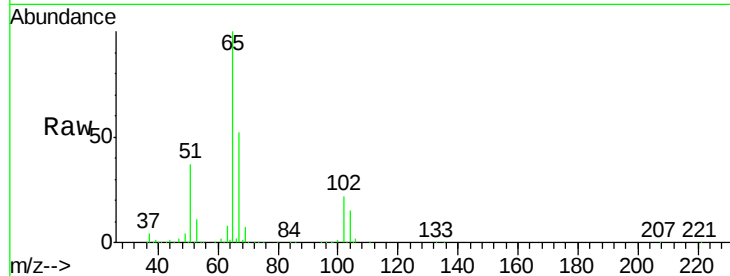
PB130292ZHE#02

Tot Ion: 65 Resp: 161969

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017441.D

Acq: 20 Jul 2020 17:59

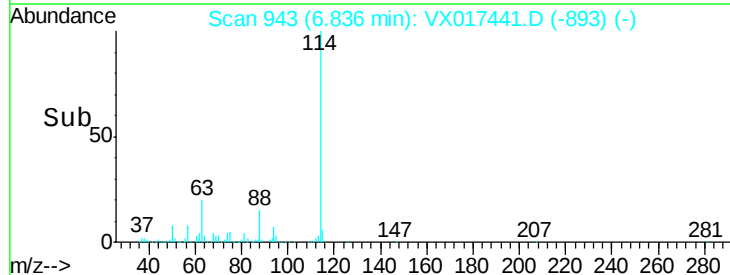
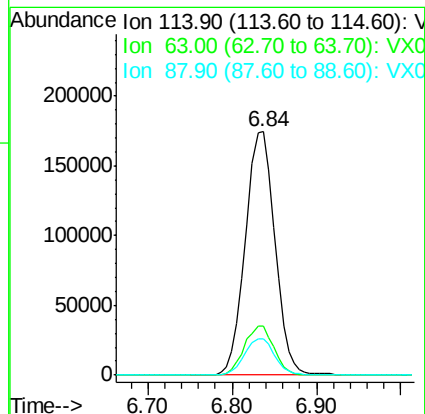
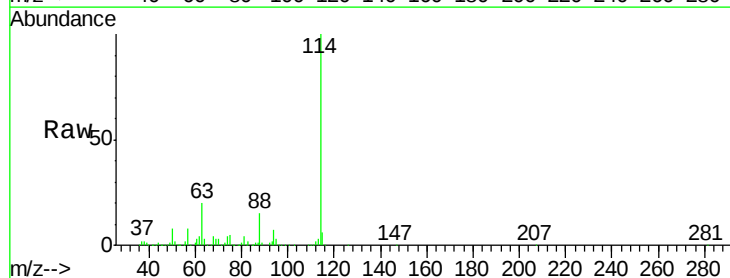
Tgt Ion: 114 Resp: 415793

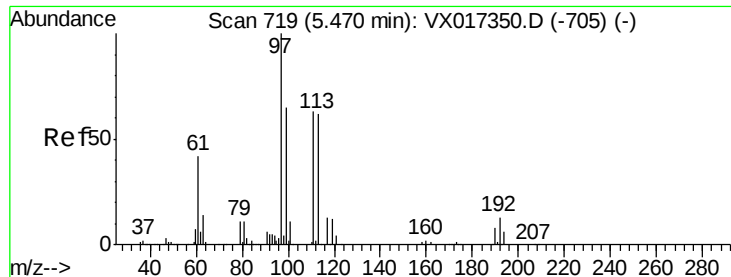
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.301 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017441.D

Acq: 20 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

PB130292ZHE#02

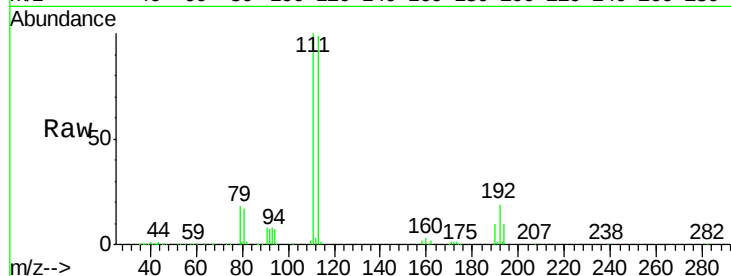
Tot Ion:113 Resp: 140887

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

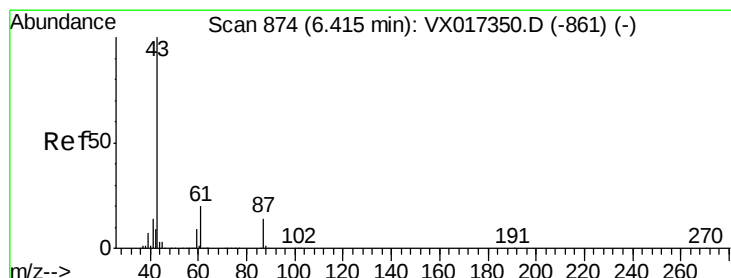
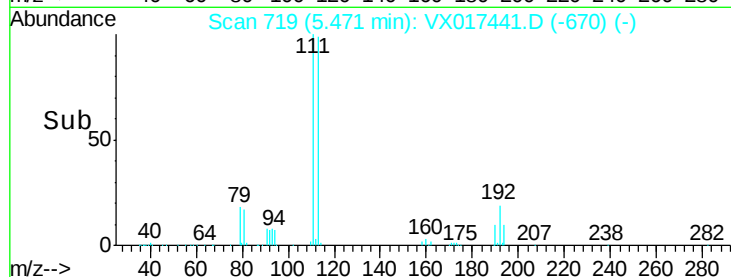
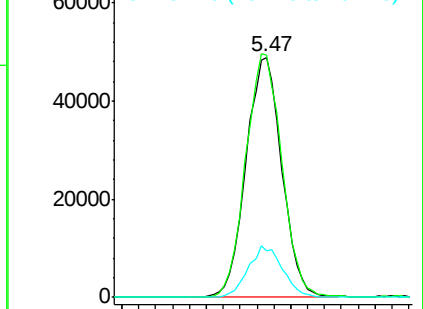
192 20.6 17.2 25.8



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: 12.465 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017441.D

Acq: 20 Jul 2020 17:59

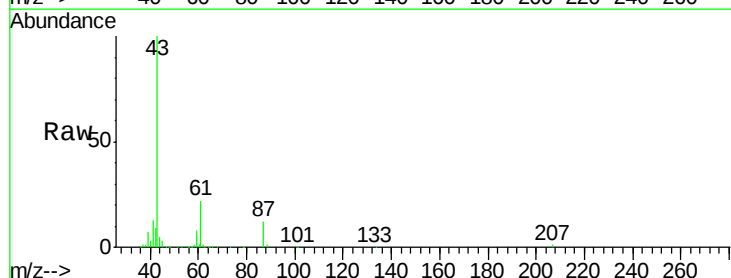
Tgt Ion: 43 Resp: 78782

Ion Ratio Lower Upper

43 100

61 21.2 16.4 24.6

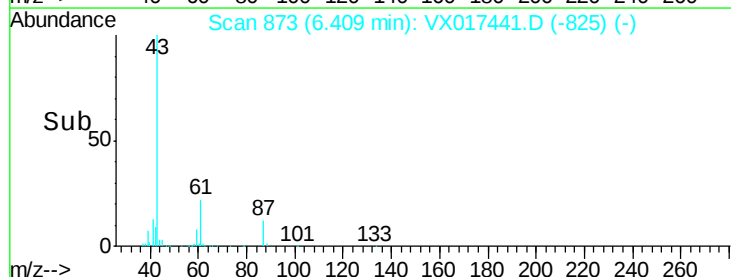
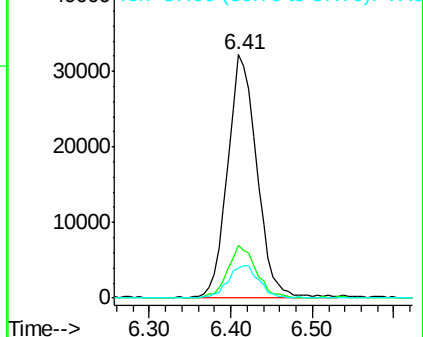
87 14.3 11.2 16.8

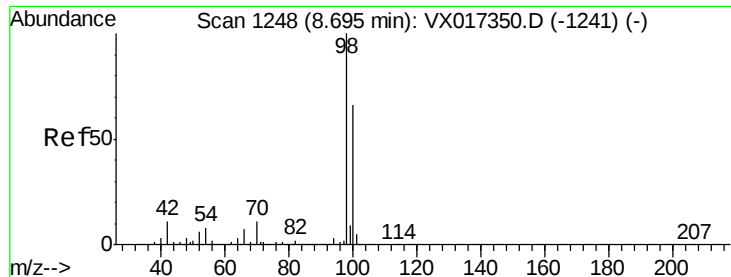


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.219 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017441.D

Acq: 20 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

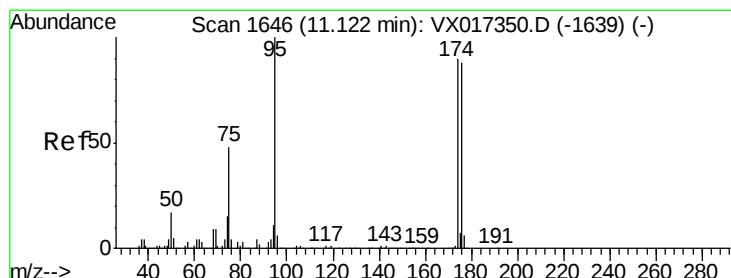
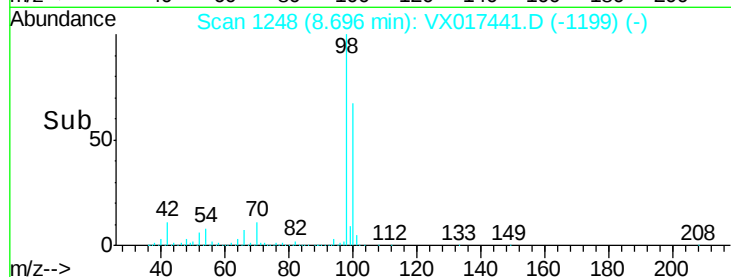
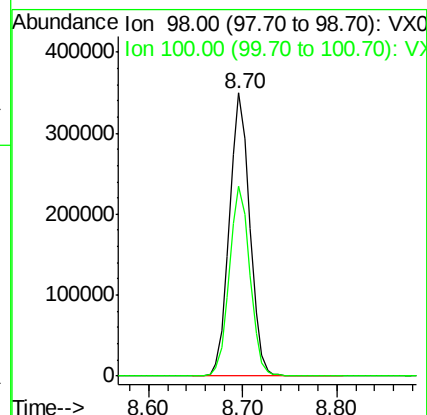
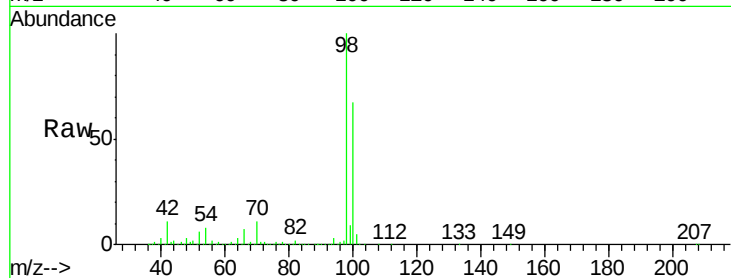
PB130292ZHE#02

Tot Ion: 98 Resp: 527568

Ion Ratio Lower Upper

98 100

100 67.1 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 57.033 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017441.D

Acq: 20 Jul 2020 17:59

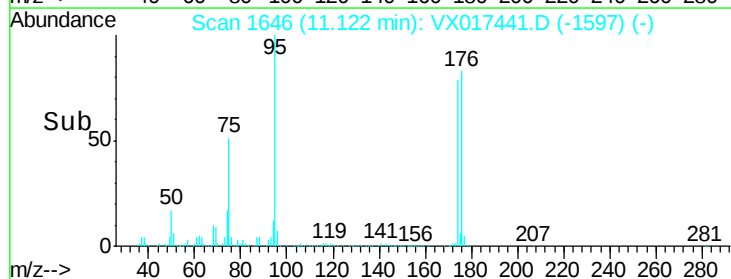
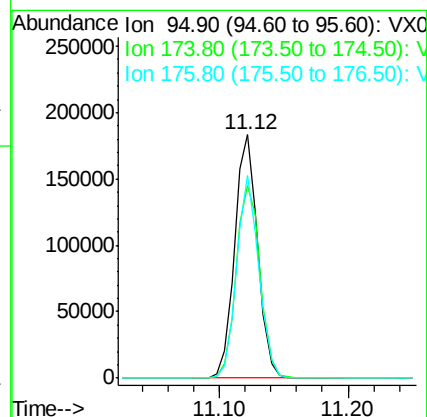
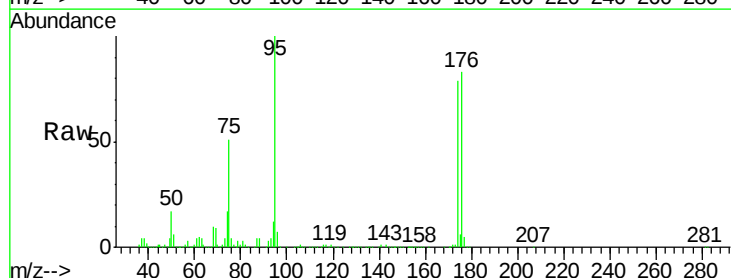
Tgt Ion: 95 Resp: 228880

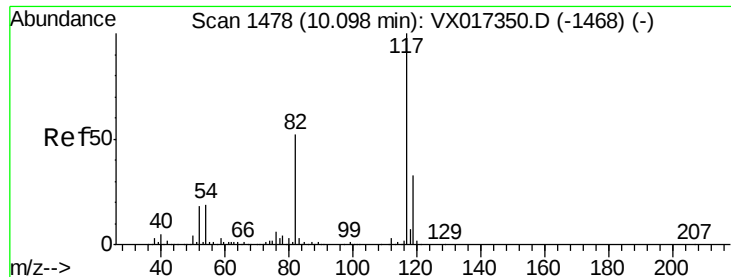
Ion Ratio Lower Upper

95 100

174 82.6 0.0 175.8

176 80.5 0.0 164.6

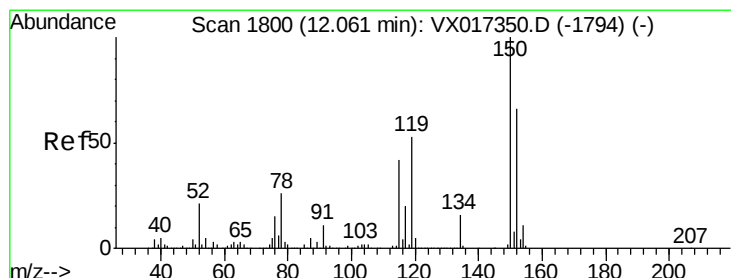
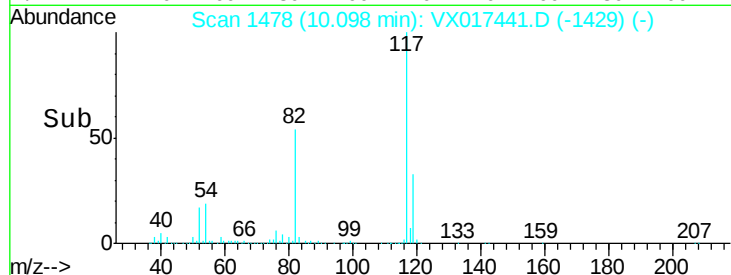
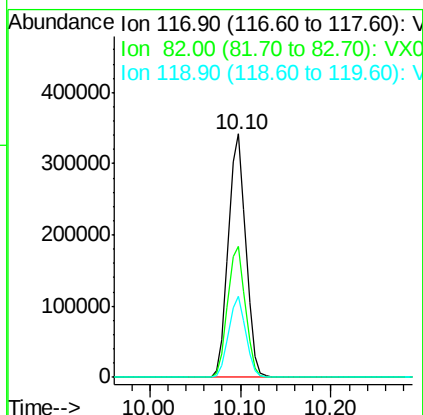
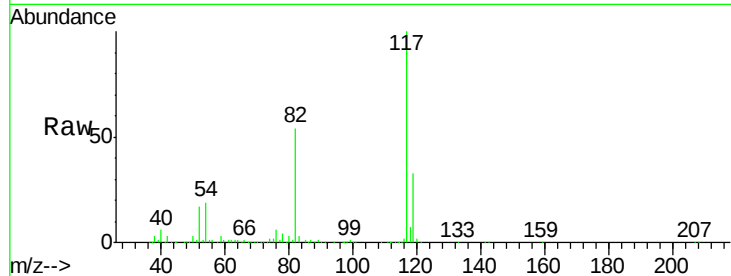




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017441.D
Acq: 20 Jul 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
PB130292ZHE#02

Tot Ion:117 Resp: 459616
Ion Ratio Lower Upper
117 100
82 53.7 42.0 63.0
119 33.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017441.D
Acq: 20 Jul 2020 17:59

Tgt Ion:152 Resp: 241498
Ion Ratio Lower Upper
152 100
115 59.1 39.9 119.7
150 154.8 0.0 343.4

