

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
 Data File : VX017442.D
 Acq On : 20 Jul 2020 18:21
 Operator : JC/SP
 Sample : PB130292ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130292ZHE#03

Quant Time: Jul 21 02:48:42 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

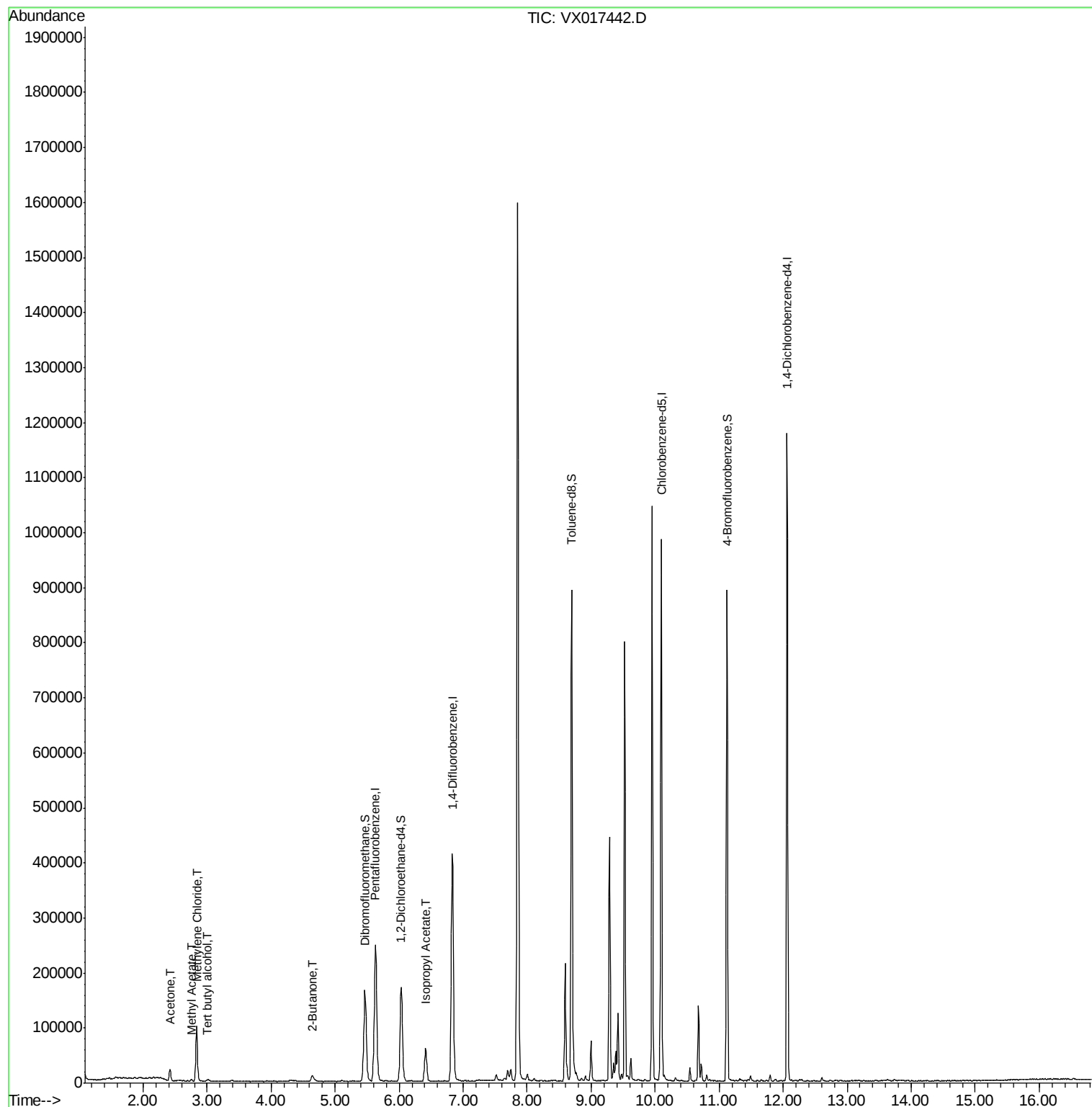
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	235783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	411328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	240599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	162626	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
35) Dibromofluoromethane	5.47	113	142797	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	8.70	98	532016	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
62) 4-Bromofluorobenzene	11.12	95	222444	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	3589	7.198	ug/l #	91
16) Acetone	2.42	43	23326	22.094	ug/l	94
18) Methyl Acetate	2.75	43	3241	1.243	ug/l #	74
20) Methylene Chloride	2.84	84	46529	18.064	ug/l	99
25) 2-Butanone	4.64	43	15806	9.426	ug/l	97
43) Isopropyl Acetate	6.42	43	82355	13.172	ug/l	99

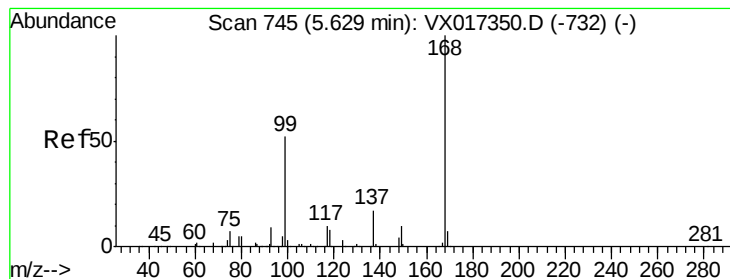
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017442.D

Acq: 20 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

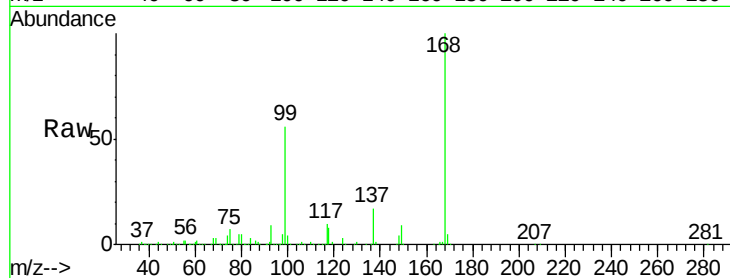
PB130292ZHE#03

Tot Ion:168 Resp: 235783

Ion Ratio Lower Upper

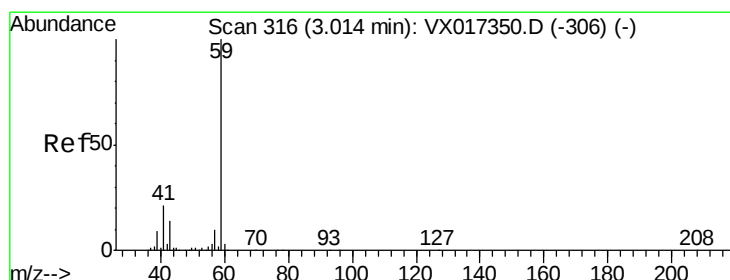
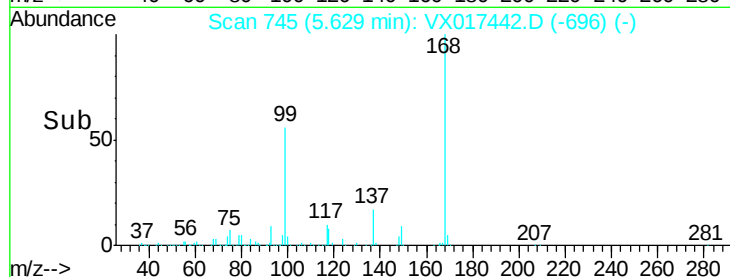
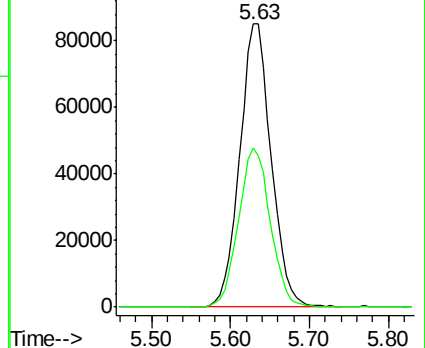
168 100

99 56.3 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: 7.198 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX017442.D

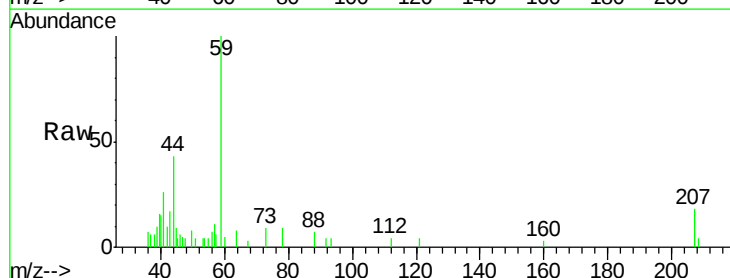
Acq: 20 Jul 2020 18:21

Tgt Ion: 59 Resp: 3589

Ion Ratio Lower Upper

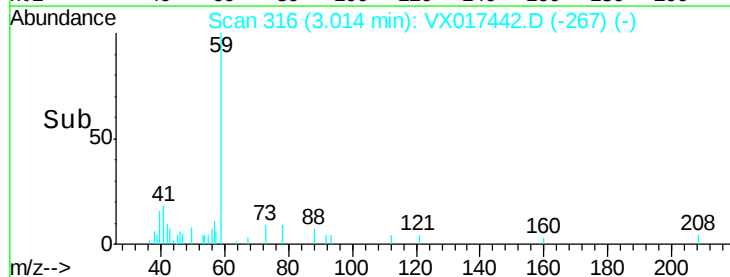
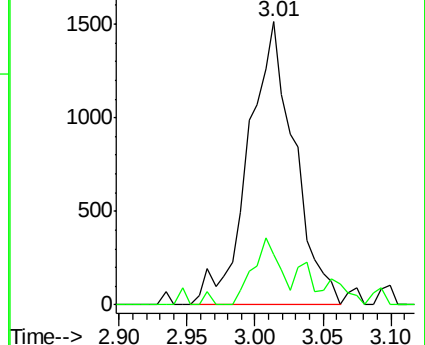
59 100

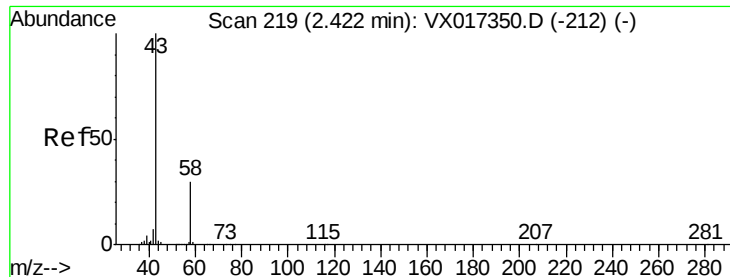
57 13.9 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 22.094 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017442.D

Acq: 20 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

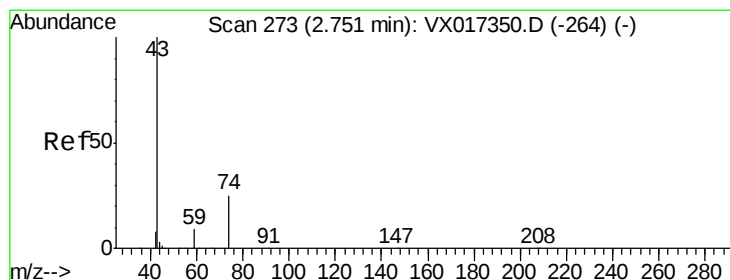
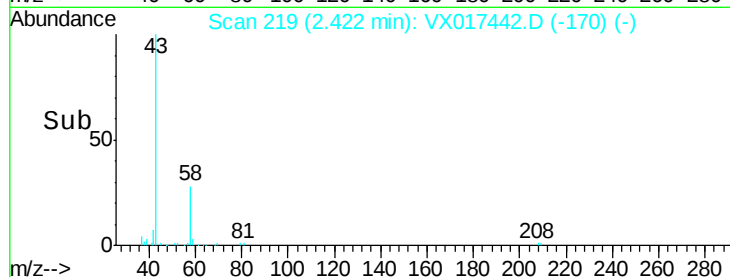
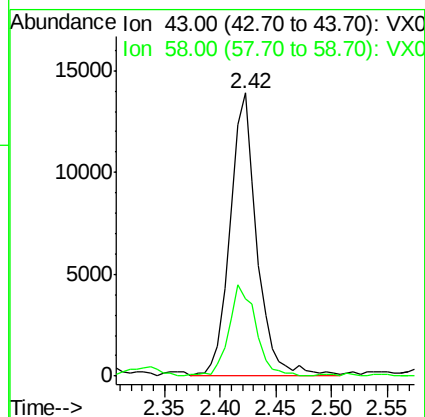
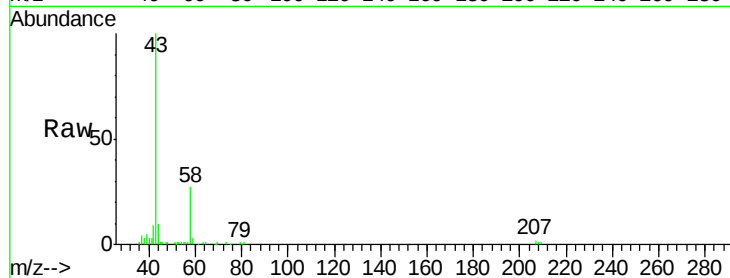
PB130292ZHE#03

Tot Ion: 43 Resp: 23326

Ion Ratio Lower Upper

43 100

58 26.8 24.2 36.2



#18

Methyl Acetate

Concen: 1.243 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017442.D

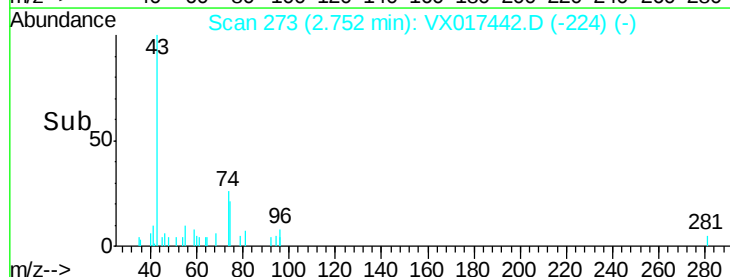
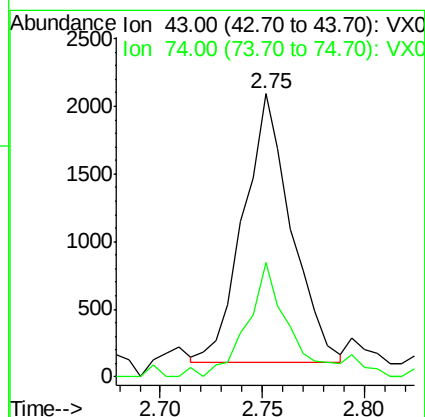
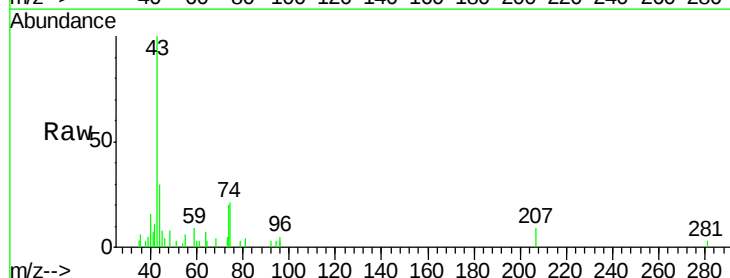
Acq: 20 Jul 2020 18:21

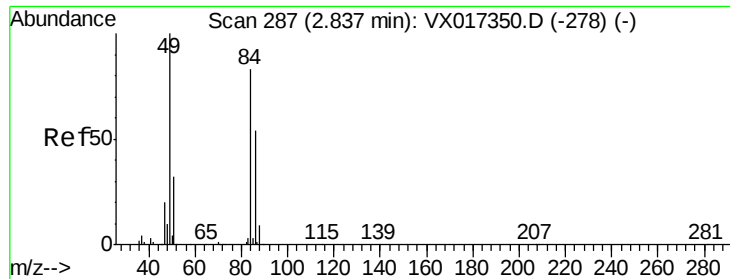
Tgt Ion: 43 Resp: 3241

Ion Ratio Lower Upper

43 100

74 37.0 19.4 29.2#

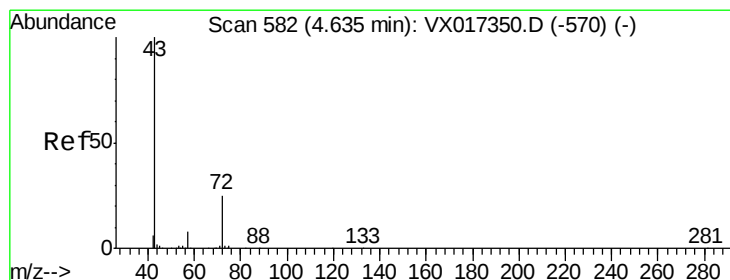
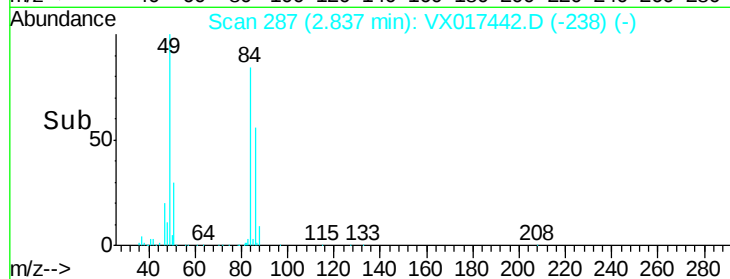
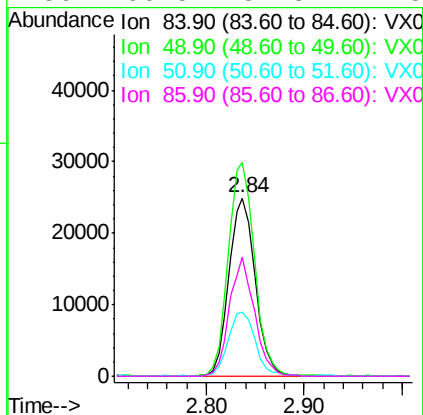
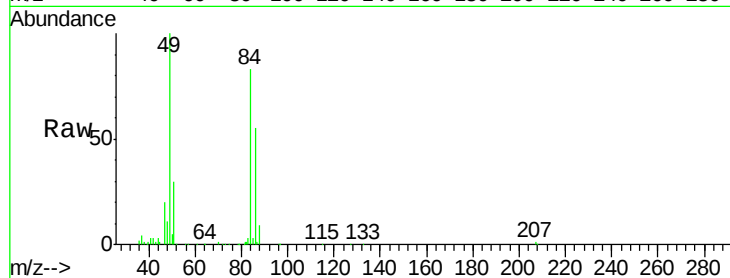




#20
Methylene Chloride
Concen: 18.064 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017442.D
Acq: 20 Jul 2020 18:21

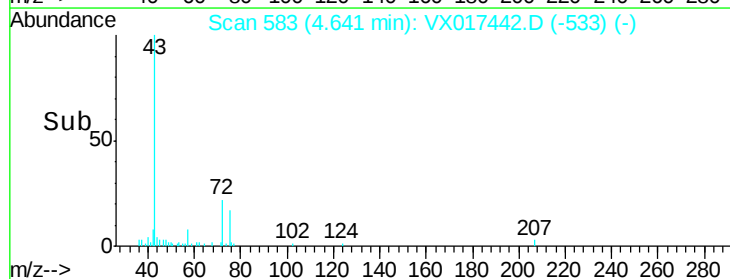
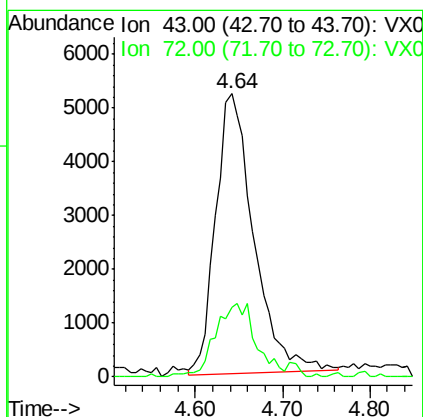
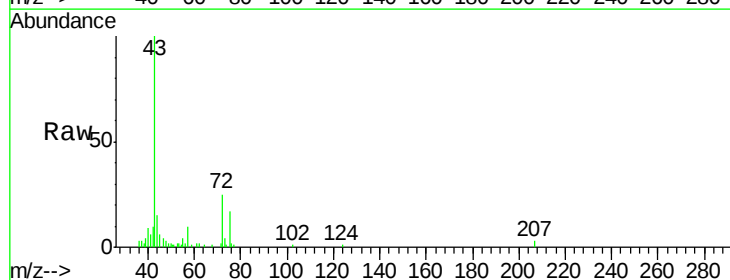
Instrument :
MSVOA_X
ClientSampleId :
PB130292ZHE#03

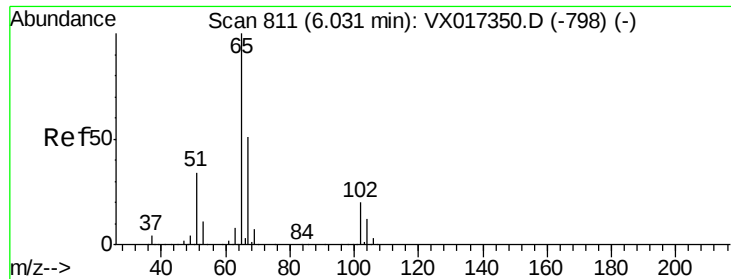
Tot Ion:	84	Resp:	46529
Ion	Ratio	Lower	Upper
84	100		
49	119.9	95.8	143.8
51	36.1	31.0	46.4
86	66.5	51.8	77.8



#25
2-Butanone
Concen: 9.426 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX017442.D
Acq: 20 Jul 2020 18:21

Tgt Ion:	43	Resp:	15806
Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.4	30.6

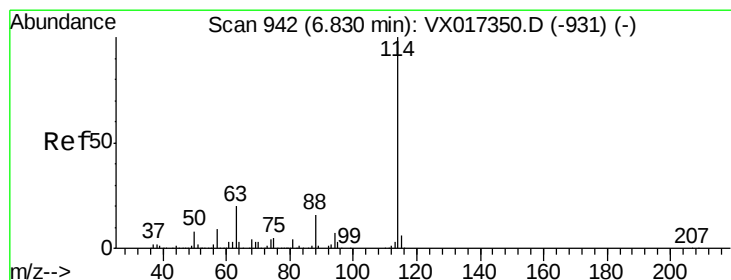
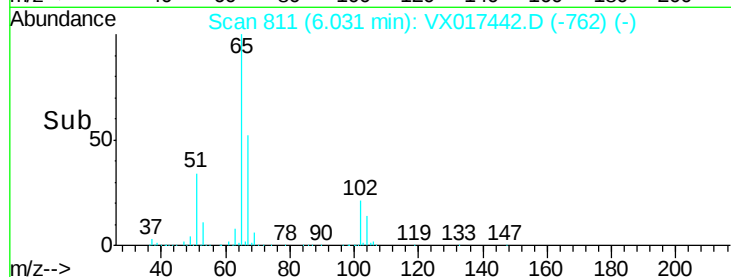
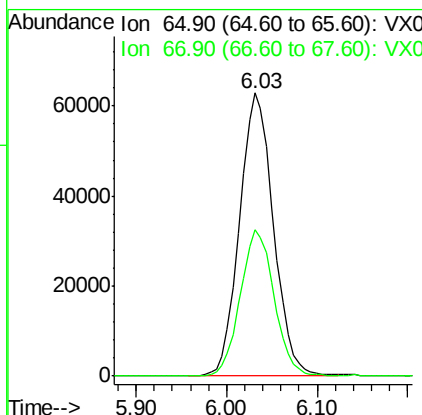
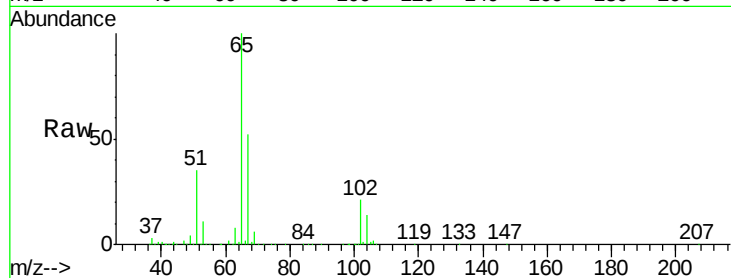




#33
 1,2-Dichloroethane-d4
 Concen: 54.955 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017442.D
 Acq: 20 Jul 2020 18:21

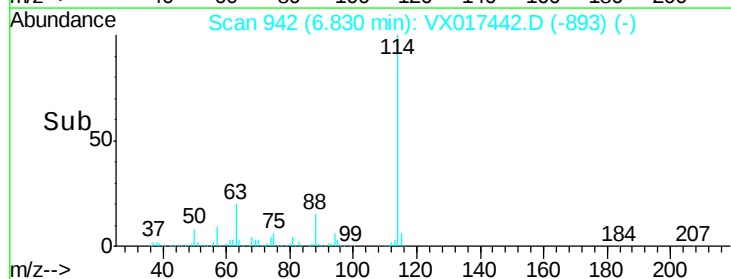
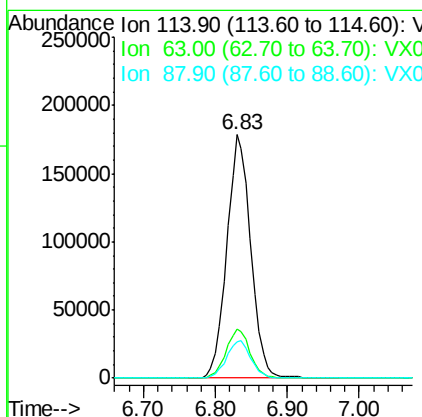
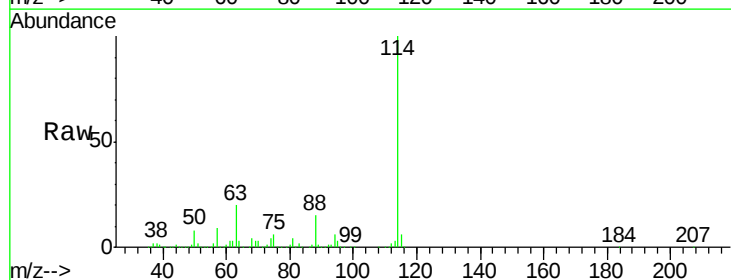
Instrument :
 MSVOA_X
 ClientSampleId :
 PB130292ZHE#03

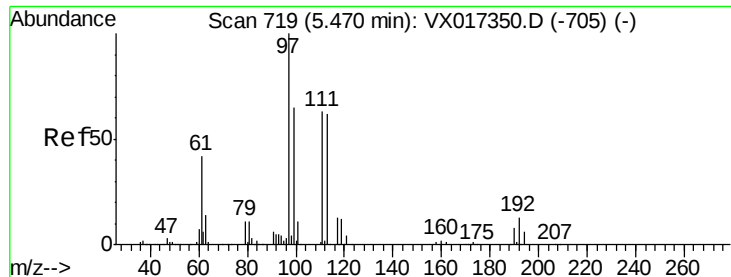
Tot Ion: 65 Resp: 162626
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017442.D
 Acq: 20 Jul 2020 18:21

Tgt Ion: 114 Resp: 411328
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 14.9 0.0 32.8

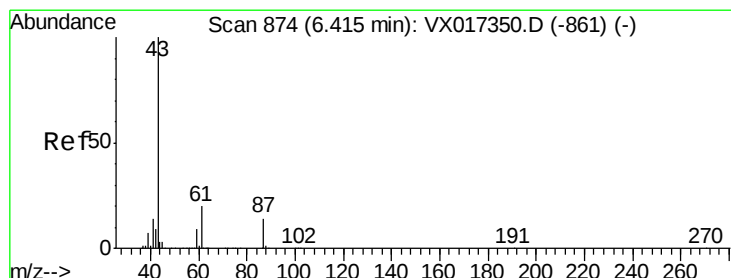
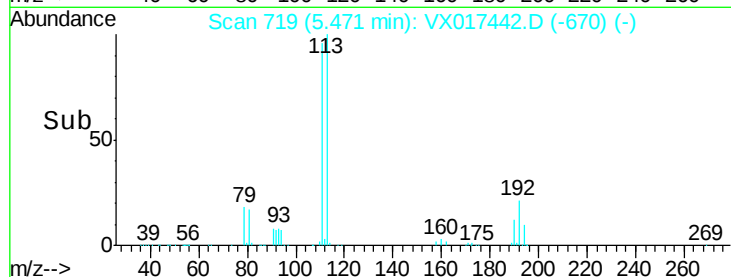
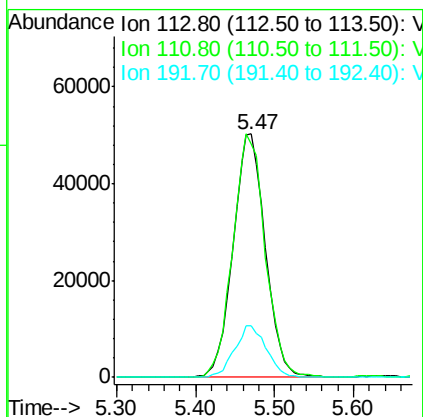
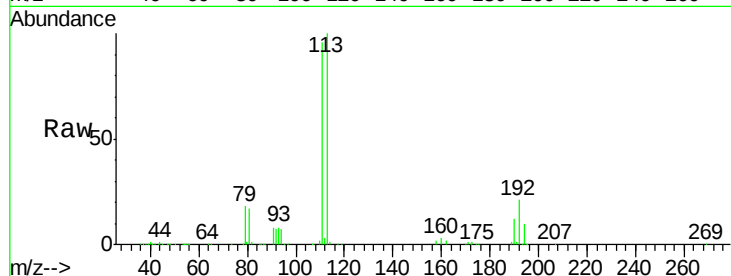




#35
 Dibromofluoromethane
 Concen: 51.537 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX017442.D
 Acq: 20 Jul 2020 18:21

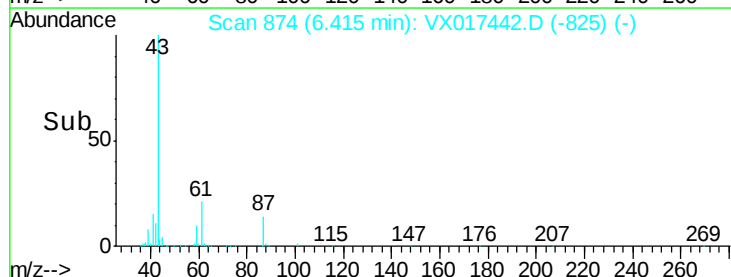
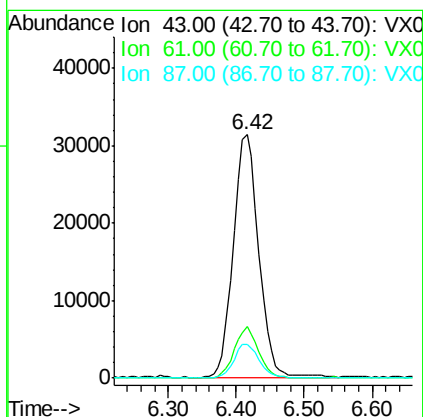
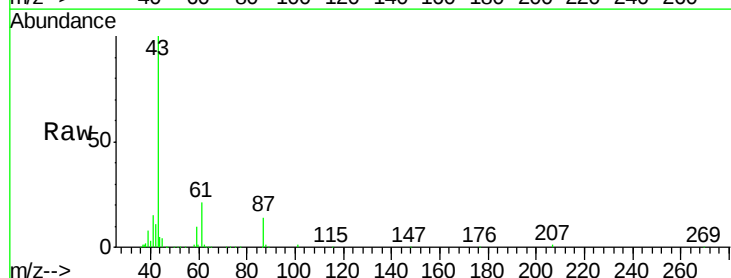
Instrument :
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 PB130292ZHE#03

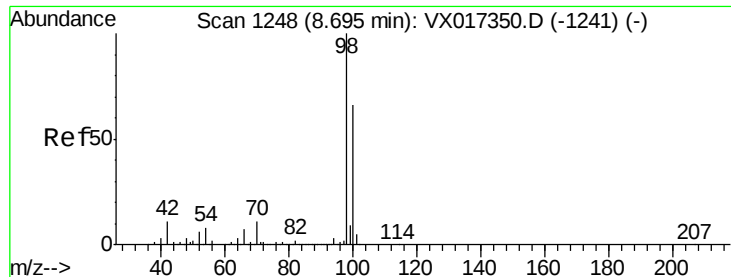
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.4	123.6
192	20.9	17.2	25.8



#43
 Isopropyl Acetate
 Concen: 13.172 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017442.D
 Acq: 20 Jul 2020 18:21

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.4	24.6
87	13.7	11.2	16.8





#50

Toluene-d8

Concen: 53.230 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017442.D

Acq: 20 Jul 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

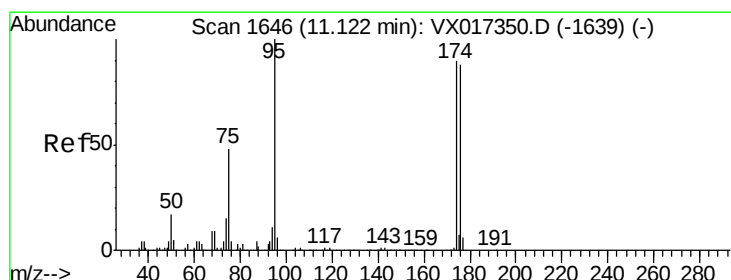
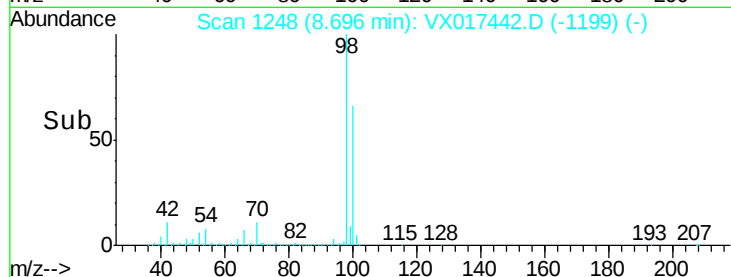
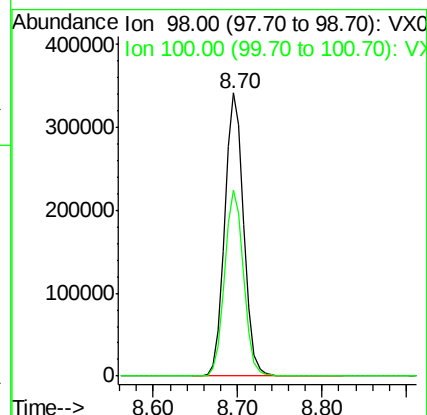
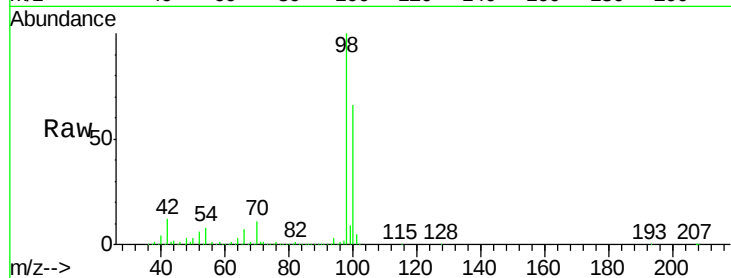
PB130292ZHE#03

Tot Ion: 98 Resp: 532016

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 56.031 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017442.D

Acq: 20 Jul 2020 18:21

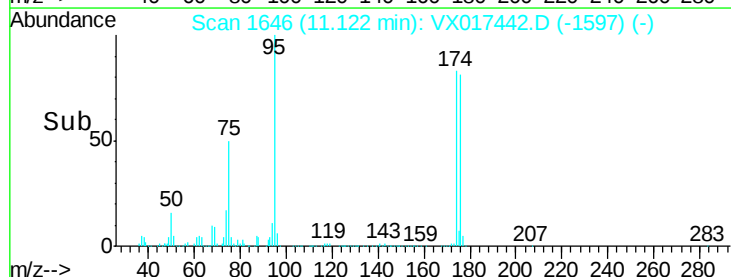
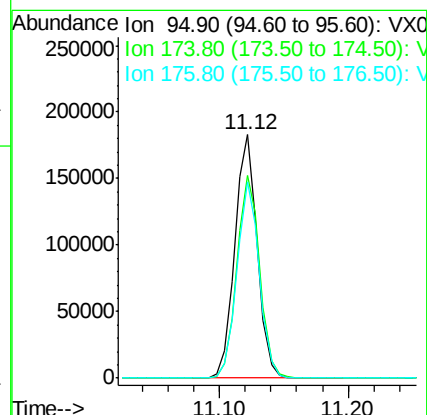
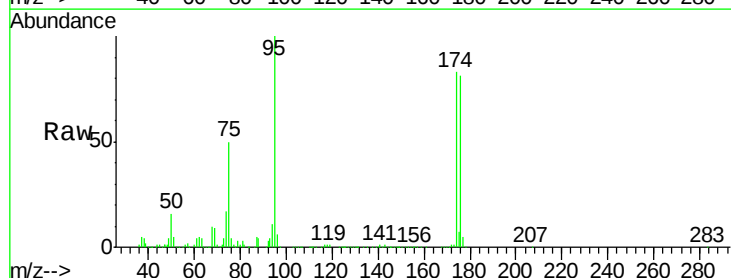
Tgt Ion: 95 Resp: 222444

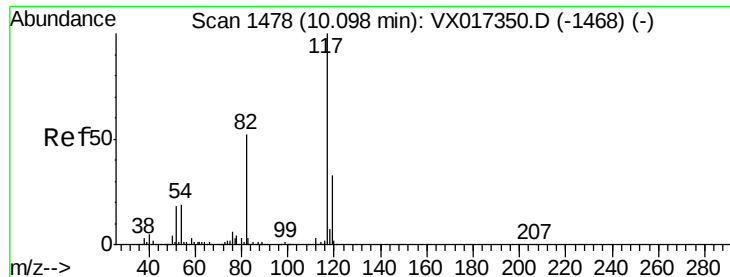
Ion Ratio Lower Upper

95 100

174 84.7 0.0 175.8

176 80.3 0.0 164.6

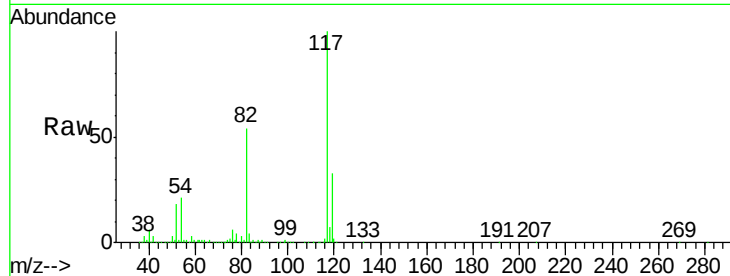




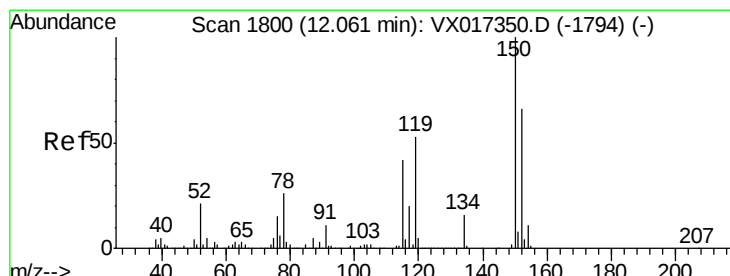
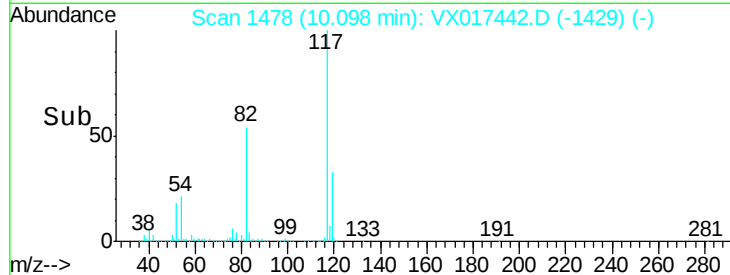
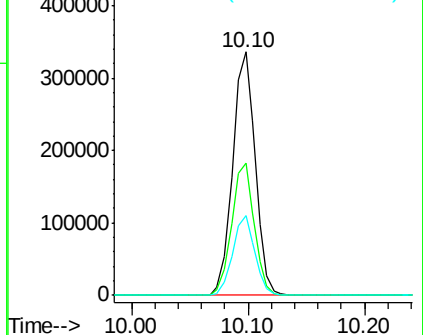
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017442.D
Acq: 20 Jul 2020 18:21

Instrument :
MSVOA_X
ClientSampleId :
PB130292ZHE#03

Tot Ion:117 Resp: 453490
Ion Ratio Lower Upper
117 100
82 54.1 42.0 63.0
119 32.6 26.3 39.5

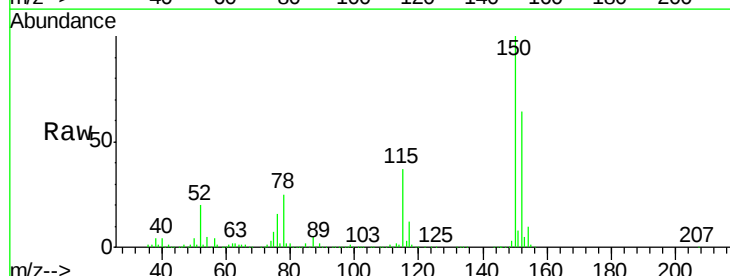


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017442.D
Acq: 20 Jul 2020 18:21

Tgt Ion:152 Resp: 240599
Ion Ratio Lower Upper
152 100
115 57.8 39.9 119.7
150 157.4 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

