

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016127.D
 Acq On : 08 May 2020 17:34
 Operator : JC/SP
 Sample : L2552-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-200507

Quant Time: May 09 07:11:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

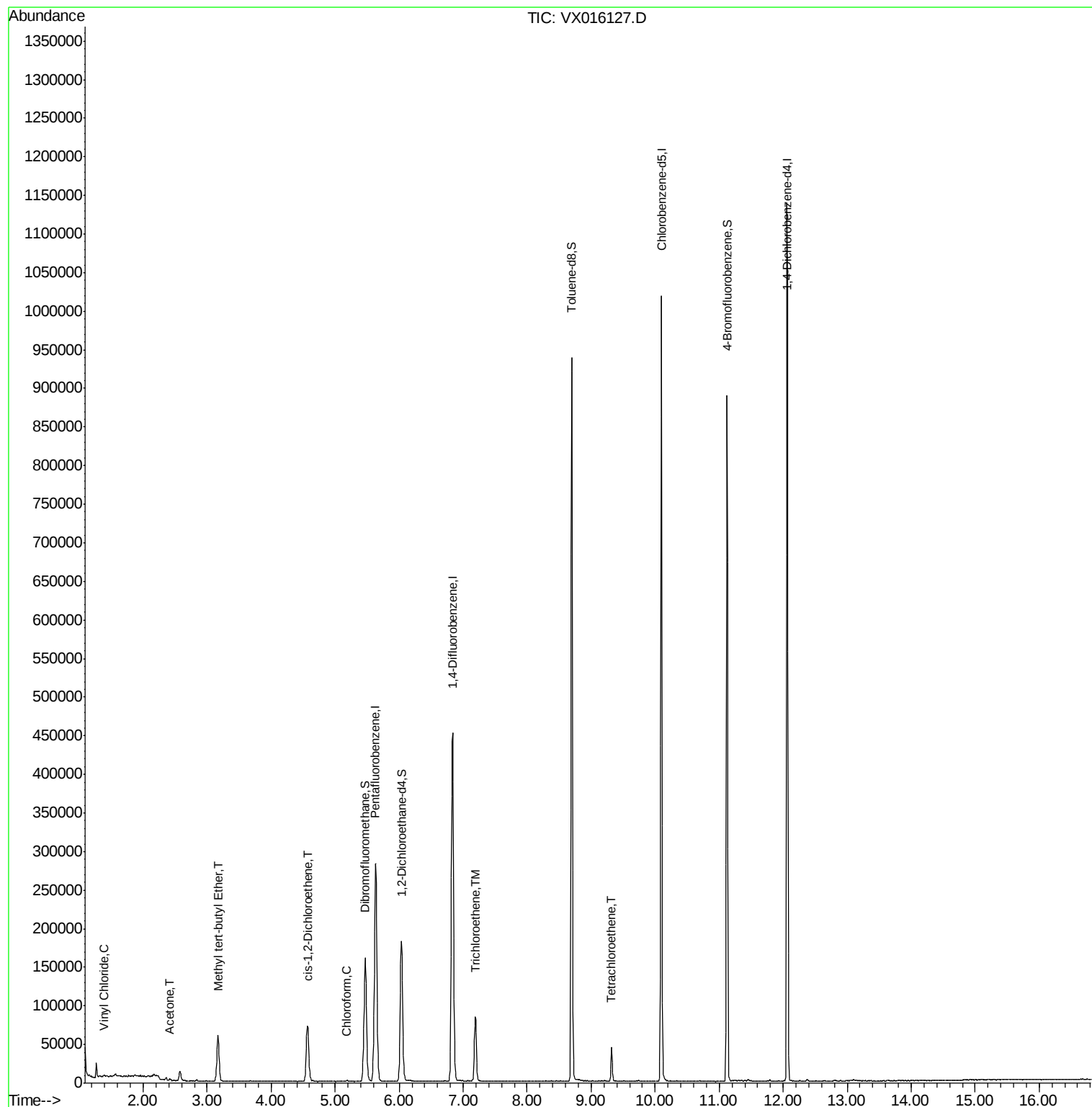
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	275711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	460717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	452971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	174137	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	5.47	113	136489	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
50) Toluene-d8	8.70	98	565928	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.12	95	228474	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	1226	0.339	ug/l	99
16) Acetone	2.42	43	2340	1.446	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	67458	6.828	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	47435	13.585	ug/l	89
30) Chloroform	5.18	83	1654	0.300	ug/l	95
44) Trichloroethene	7.19	130	32884	6.976	ug/l	98
64) Tetrachloroethene	9.32	164	8413	1.513	ug/l	94

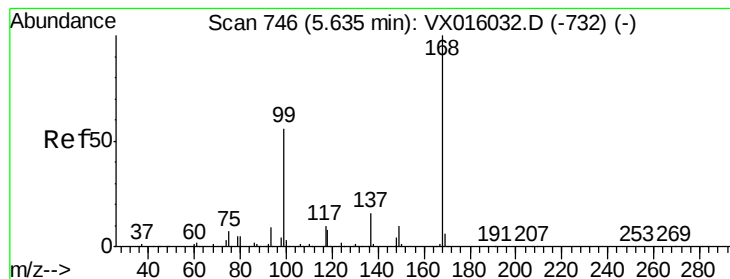
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016127.D

Acq: 08 May 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

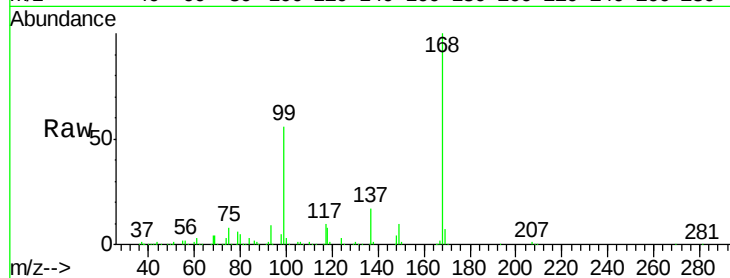
SS052MW354-200507

Tot Ion:168 Resp: 275711

Ion Ratio Lower Upper

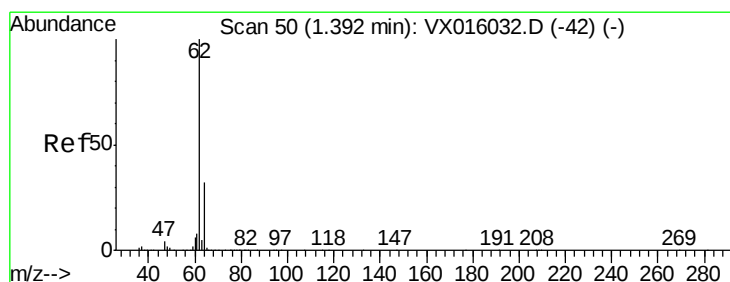
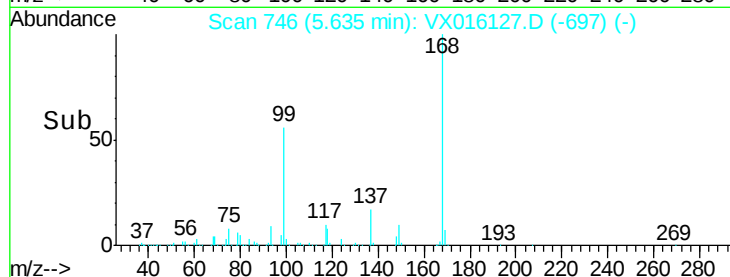
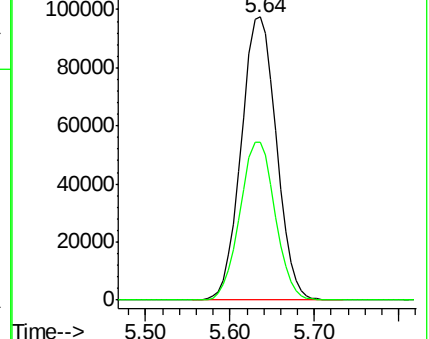
168 100

99 55.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.339 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016127.D

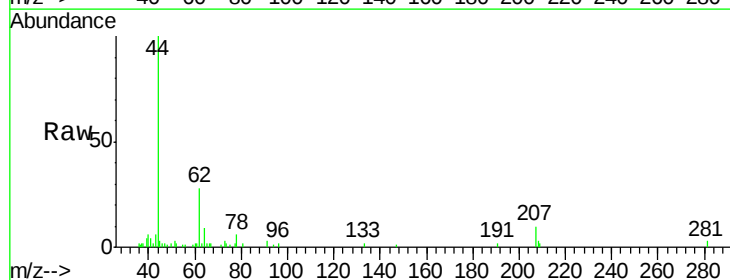
Acq: 08 May 2020 17:34

Tgt Ion: 62 Resp: 1226

Ion Ratio Lower Upper

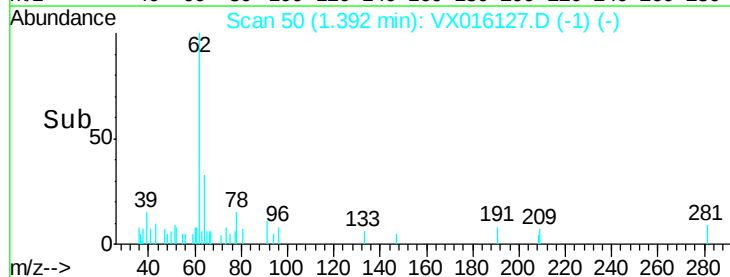
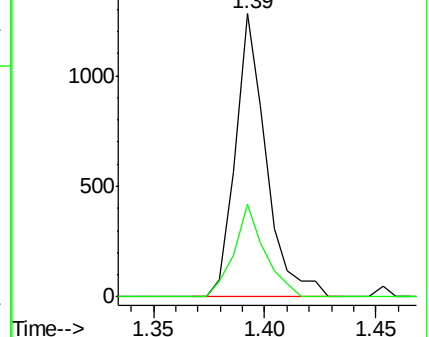
62 100

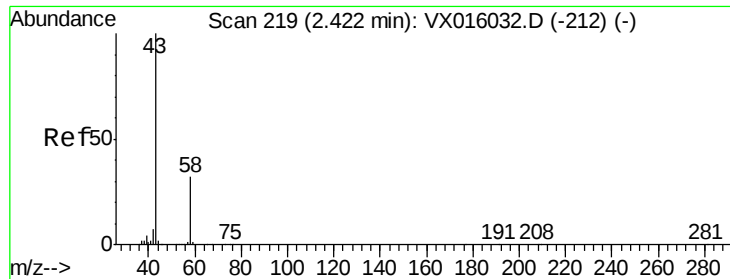
64 32.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 1.446 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016127.D

Acq: 08 May 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

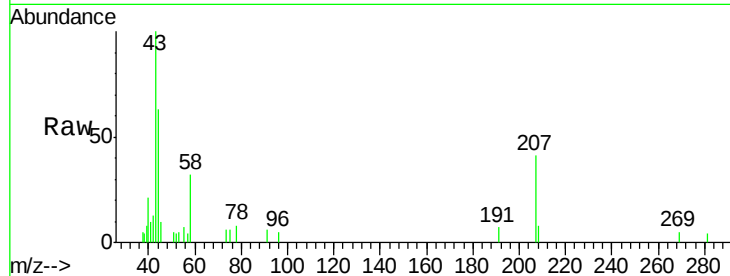
SS052MW354-200507

Tot Ion: 43 Resp: 2340

Ion Ratio Lower Upper

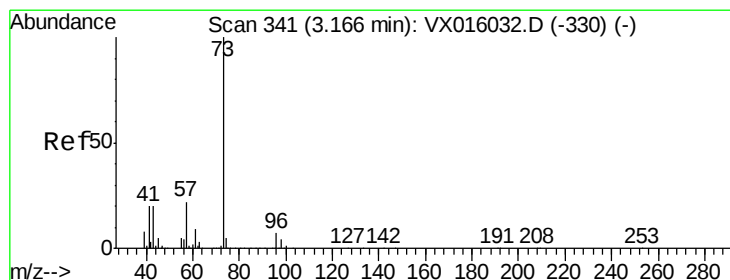
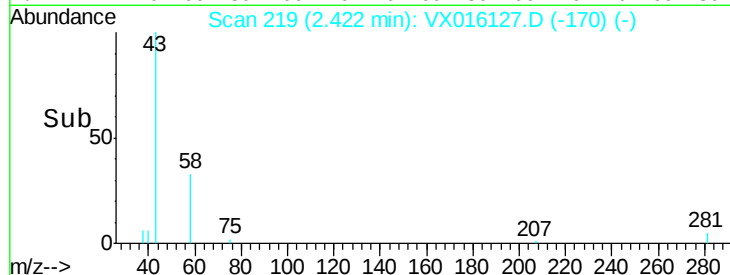
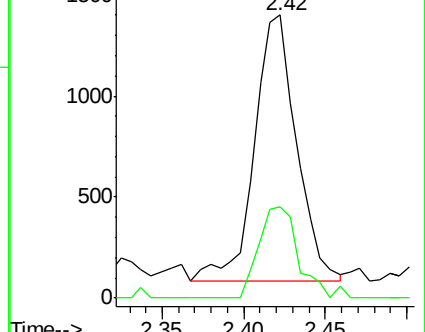
43 100

58 34.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 6.828 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016127.D

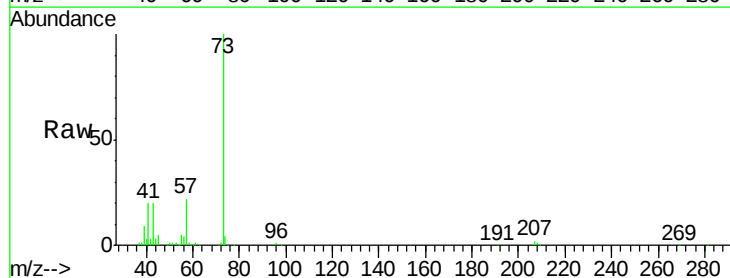
Acq: 08 May 2020 17:34

Tgt Ion: 73 Resp: 67458

Ion Ratio Lower Upper

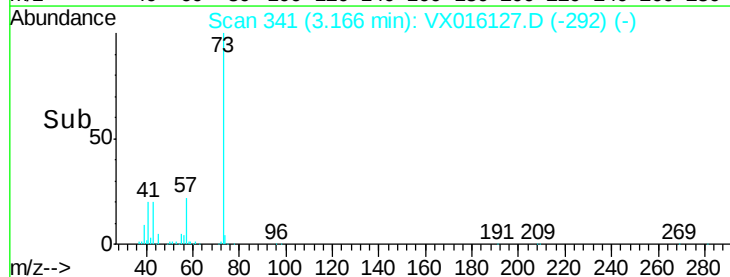
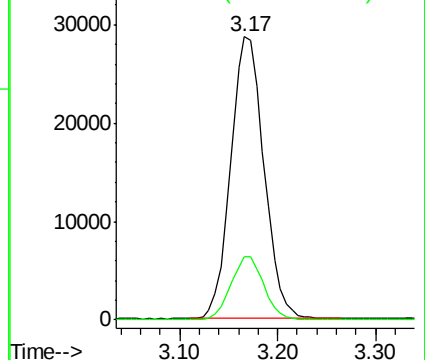
73 100

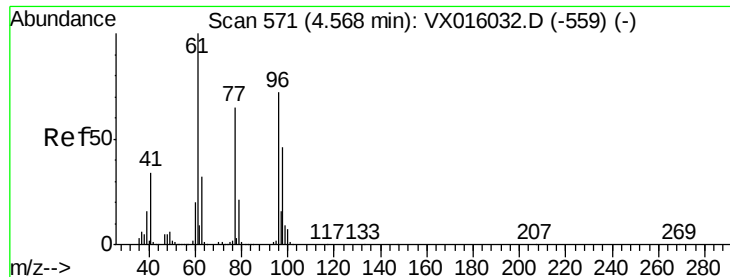
57 22.3 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



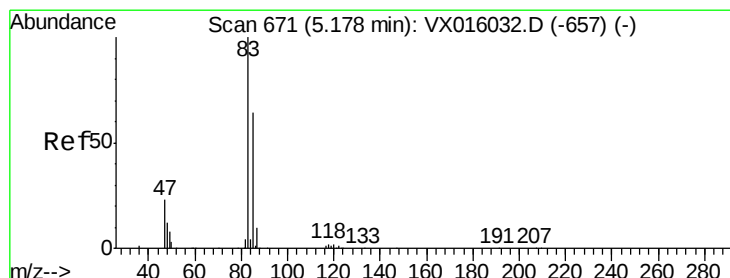
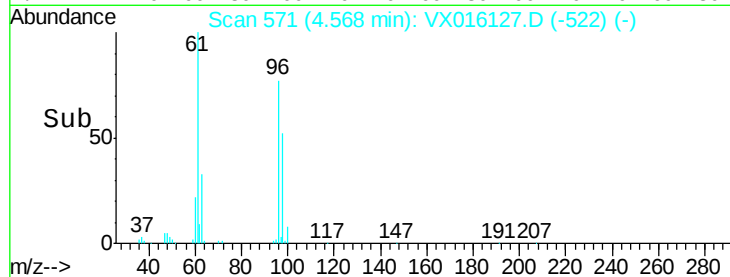
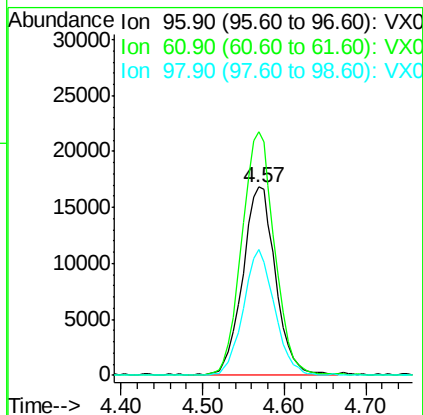
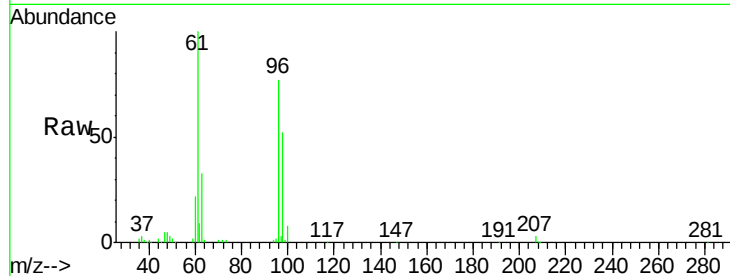


#27

cis-1,2-Dichloroethene
 Concen: 13.585 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016127.D
 Acq: 08 May 2020 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-200507

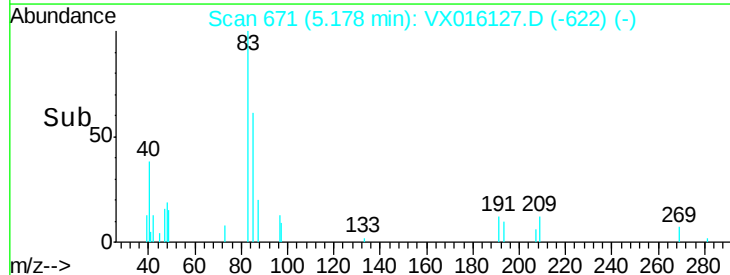
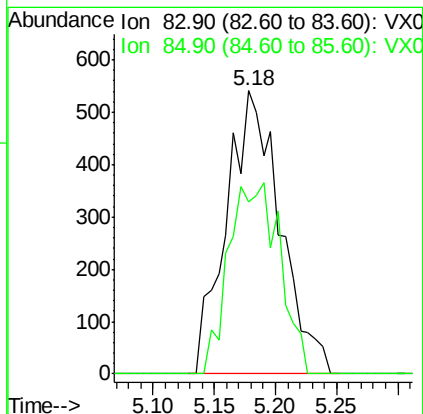
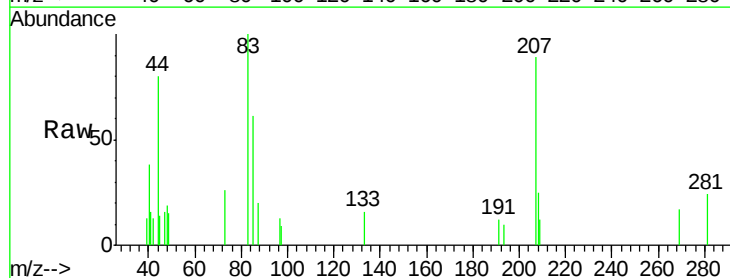
Tot Ion	96	Resp	47435
Ion	Ratio	Lower	Upper
96	100		
61	128.4	0.0	296.2
98	63.4	0.0	129.4

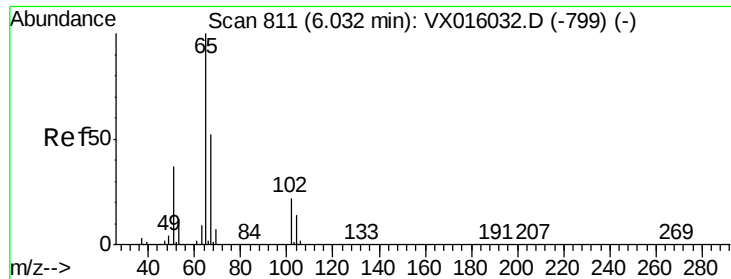


#30

Chloroform
 Concen: 0.300 ug/l
 RT: 5.18 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: VX016127.D
 Acq: 08 May 2020 17:34

Tgt Ion	83	Resp	1654
Ion	Ratio	Lower	Upper
83	100		
85	60.6	51.6	77.4

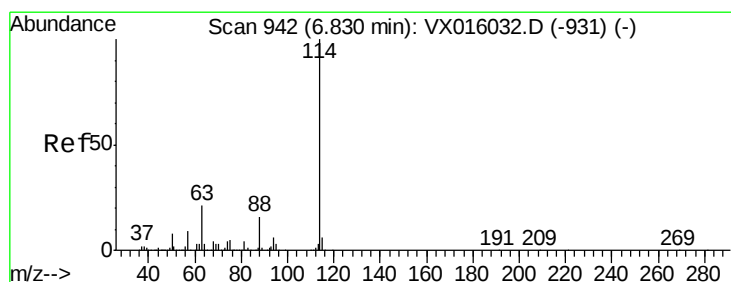
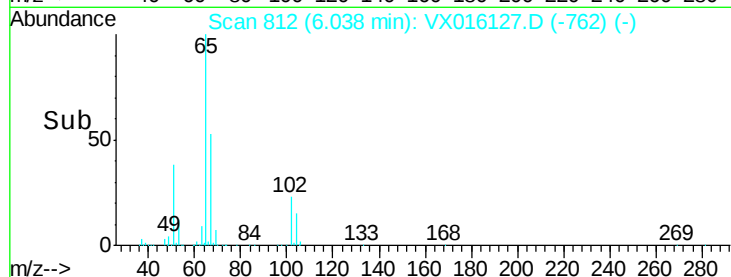
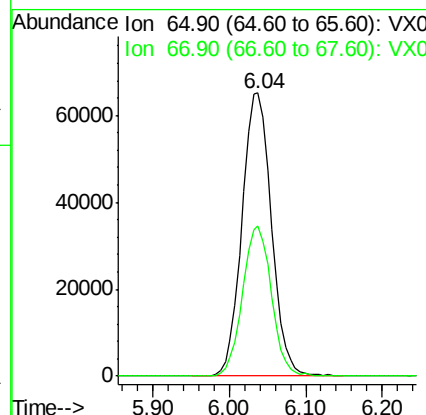
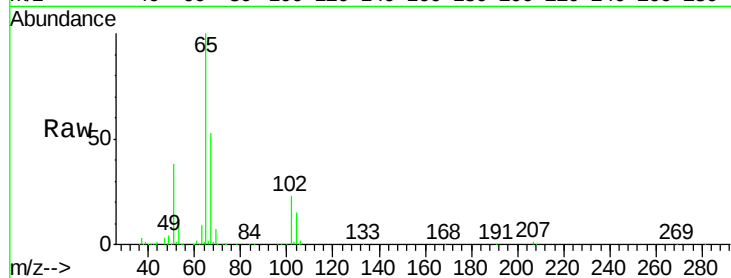




#33
 1,2-Dichloroethane-d4
 Concen: 47.997 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016127.D
 Acq: 08 May 2020 17:34

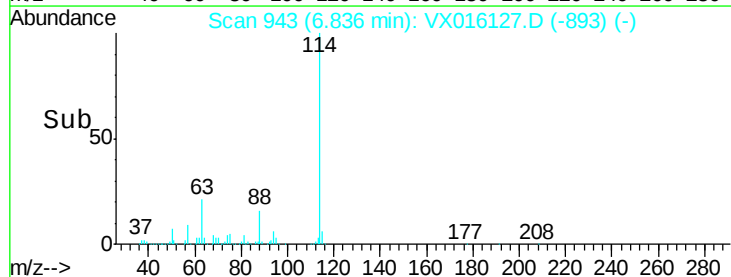
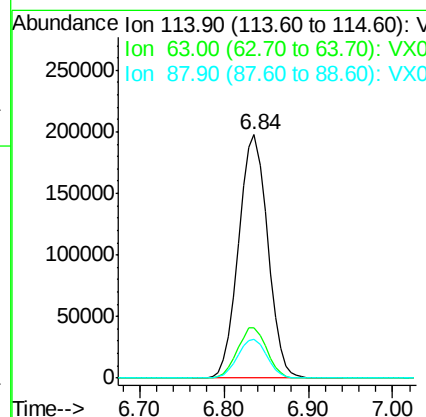
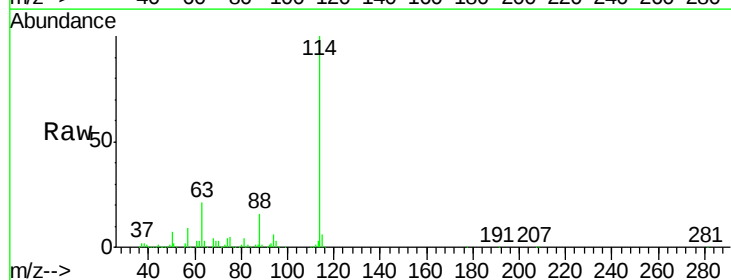
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-200507

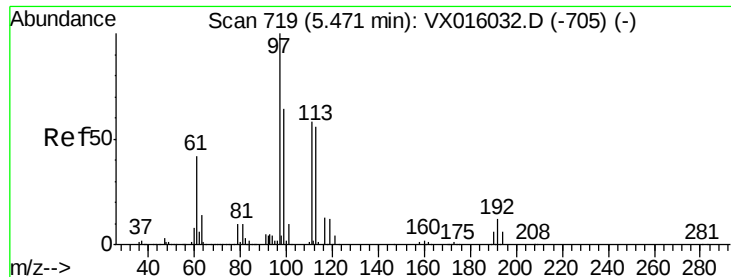
Tot Ion: 65 Resp: 174137
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016127.D
 Acq: 08 May 2020 17:34

Tgt Ion: 114 Resp: 460717
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.8
 88 15.8 0.0 31.4

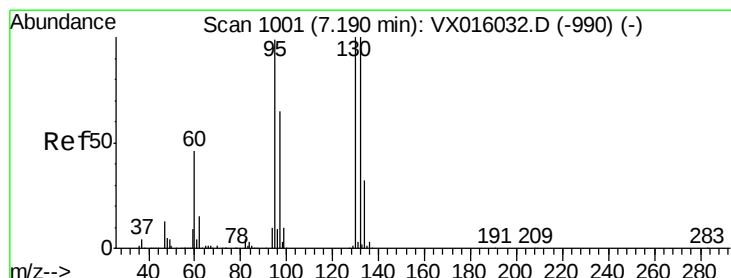
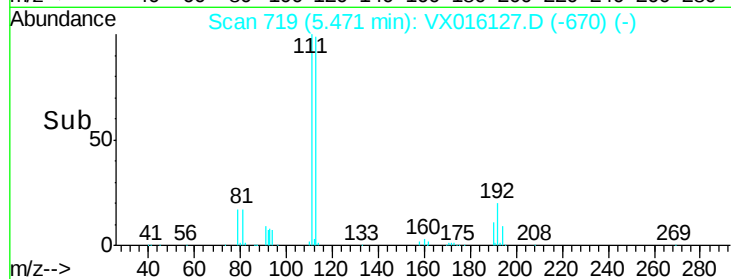
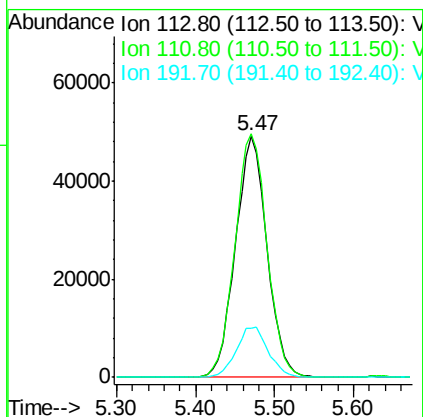
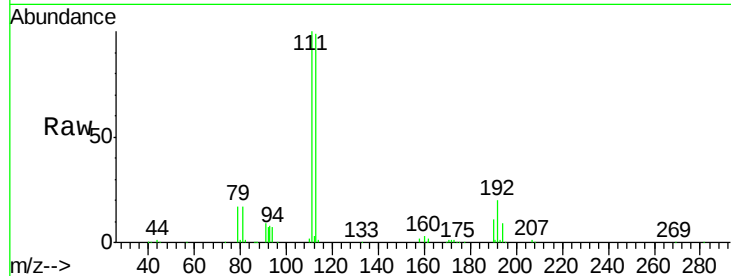




#35
Dibromofluoromethane
Concen: 46.761 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016127.D
Acq: 08 May 2020 17:34

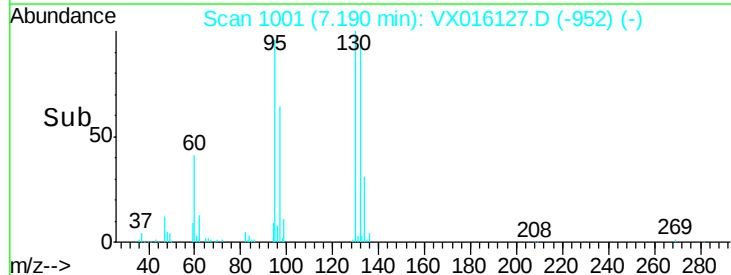
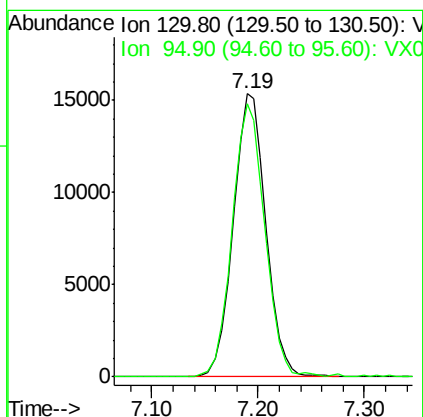
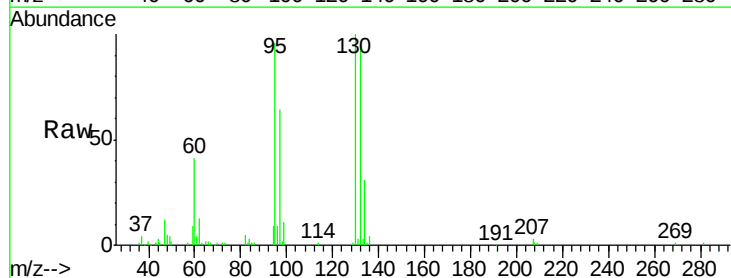
Instrument :
MSVOA_X
ClientSampleId :
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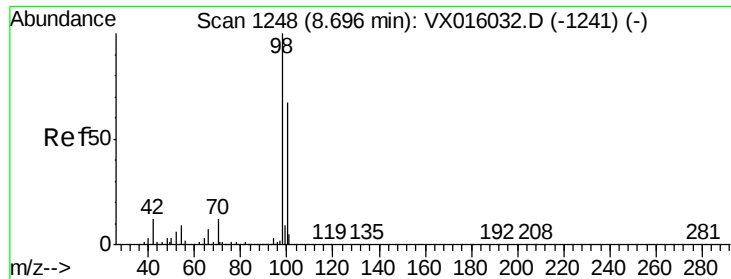
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	21.2	17.0	25.4



#44
Trichloroethene
Concen: 6.976 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016127.D
Acq: 08 May 2020 17:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	197.4





#50

Toluene-d8

Concen: 50.320 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016127.D

Acq: 08 May 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

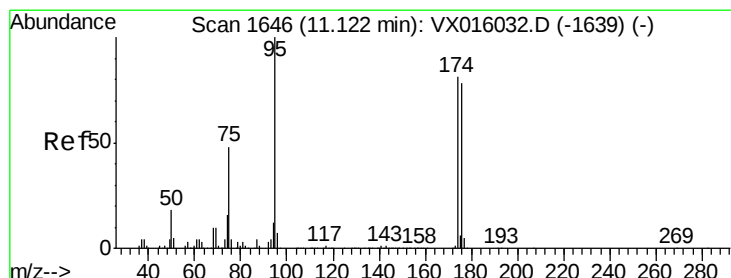
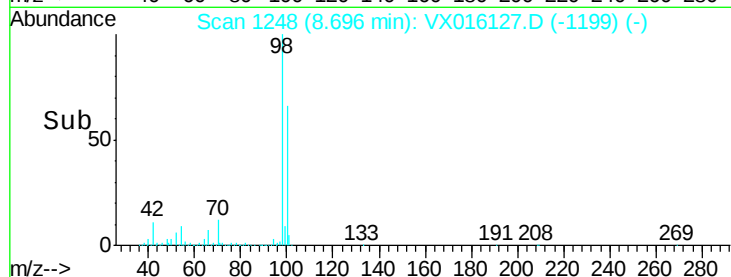
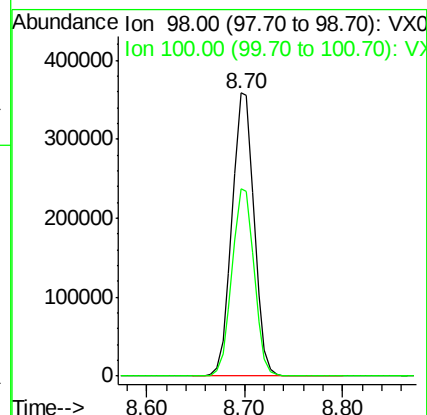
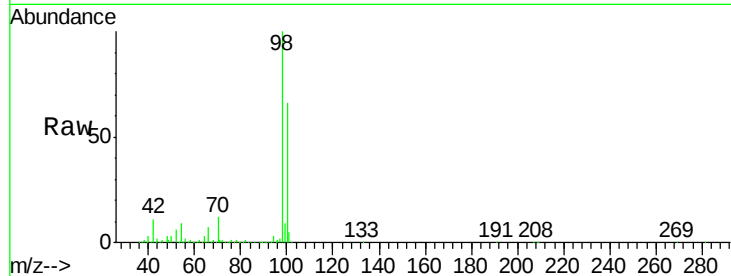
SS052MW354-200507

Tot Ion: 98 Resp: 565928

Ion Ratio Lower Upper

98 100

100 66.1 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 53.411 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016127.D

Acq: 08 May 2020 17:34

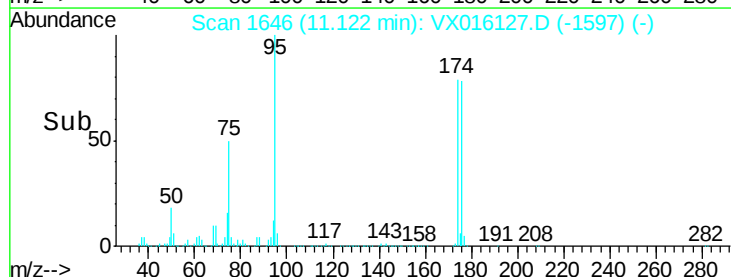
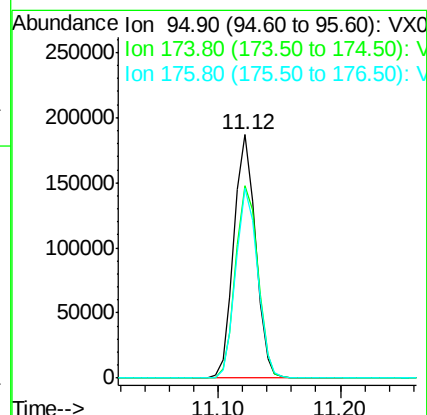
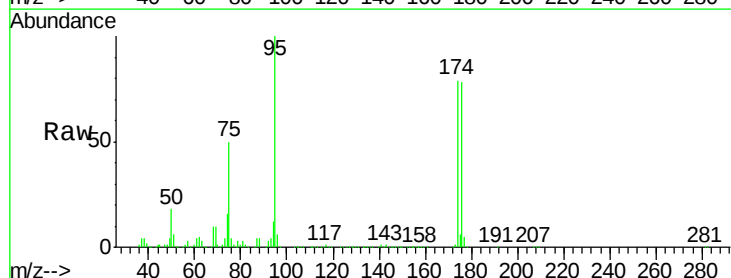
Tgt Ion: 95 Resp: 228474

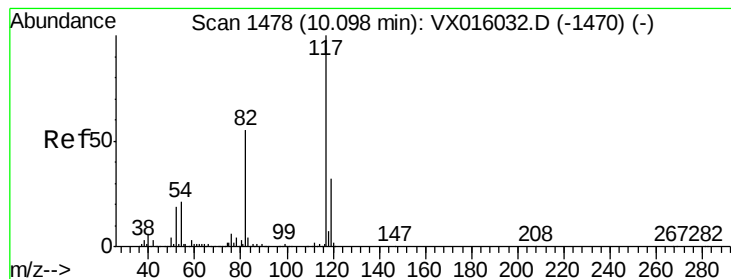
Ion Ratio Lower Upper

95 100

174 81.5 0.0 159.4

176 78.6 0.0 157.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016127.D

Acq: 08 May 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-200507

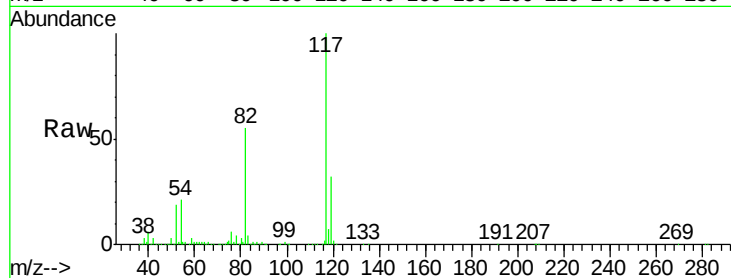
Tot Ion:117 Resp: 452971

Ion Ratio Lower Upper

117 100

82 55.4 44.4 66.6

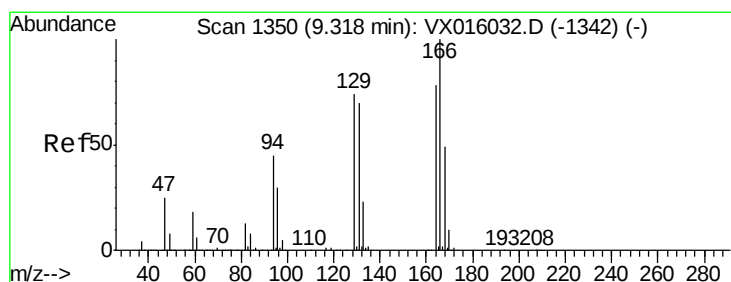
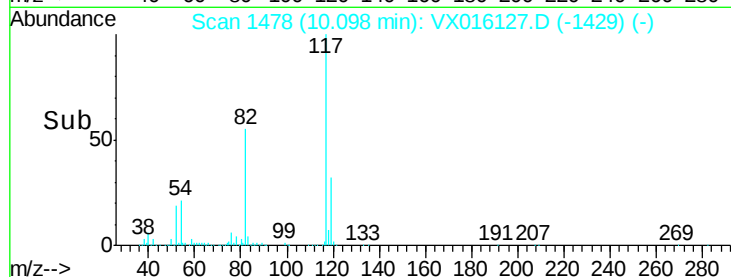
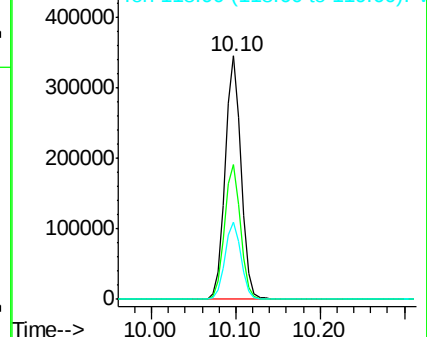
119 32.0 25.5 38.3



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



#64

Tetrachloroethene

Concen: 1.513 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX016127.D

Acq: 08 May 2020 17:34

Tgt Ion:164 Resp: 8413

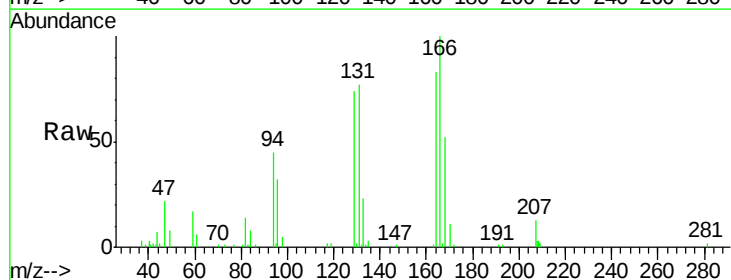
Ion Ratio Lower Upper

164 100

166 120.1 102.9 154.3

129 88.5 76.1 114.1

131 92.7 71.9 107.9

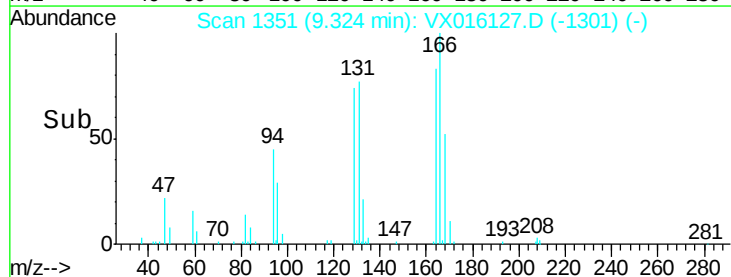
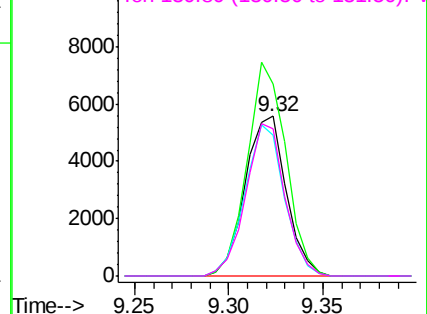


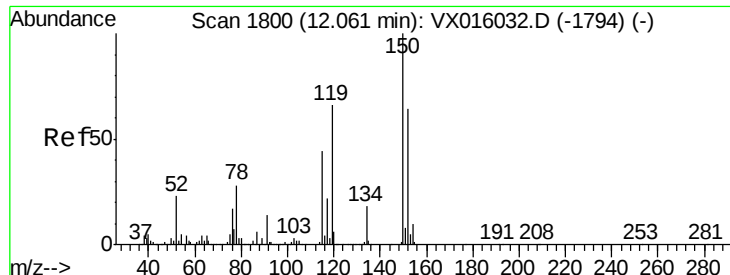
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX016127.D

Acq: 08 May 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-200507

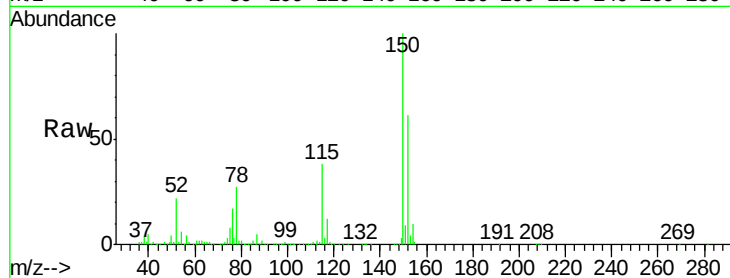
Tot Ion:152 Resp: 232619

Ion Ratio Lower Upper

152 100

115 58.7 41.3 124.1

150 157.5 0.0 352.2



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

