

Data File : VX016758.D
Acq On : 15 Jun 2020 16:55
Operator : JC/SP
Sample : L3000-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: Jun 16 03:10:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	232747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	366340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	367843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184016	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	131409	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	5.47	113	109503	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	8.70	98	447689	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
62) 4-Bromofluorobenzene	11.12	95	179270	56.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.48%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.18	85	160	0.206	ug/l #	42
3) Chloromethane	1.32	50	1788	0.704	ug/l	96
13) Acrolein	2.28	56	421	3.795	ug/l #	62
15) Acrylonitrile	3.12	53	479	0.359	ug/l #	79
16) Acetone	2.42	43	3313	2.790	ug/l	94
17) Carbon Disulfide	2.55	76	1717	0.264	ug/l #	72
20) Methylene Chloride	2.83	84	655	0.256	ug/l	94
31) Cyclohexane	5.63	56	4081	1.890	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15289	4.723	ug/l #	51
38) Carbon Tetrachloride	5.64	117	21849	5.942	ug/l #	17
39) Methylcyclohexane	7.44	83	300	1.031	ug/l	93
76) 1,2,3-Trichloropropane	11.12	75	86194	22.274	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	86194	56.073	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.63	180	874	0.217	ug/l	89
94) Hexachlorobutadiene	13.76	225	465	0.673	ug/l	80

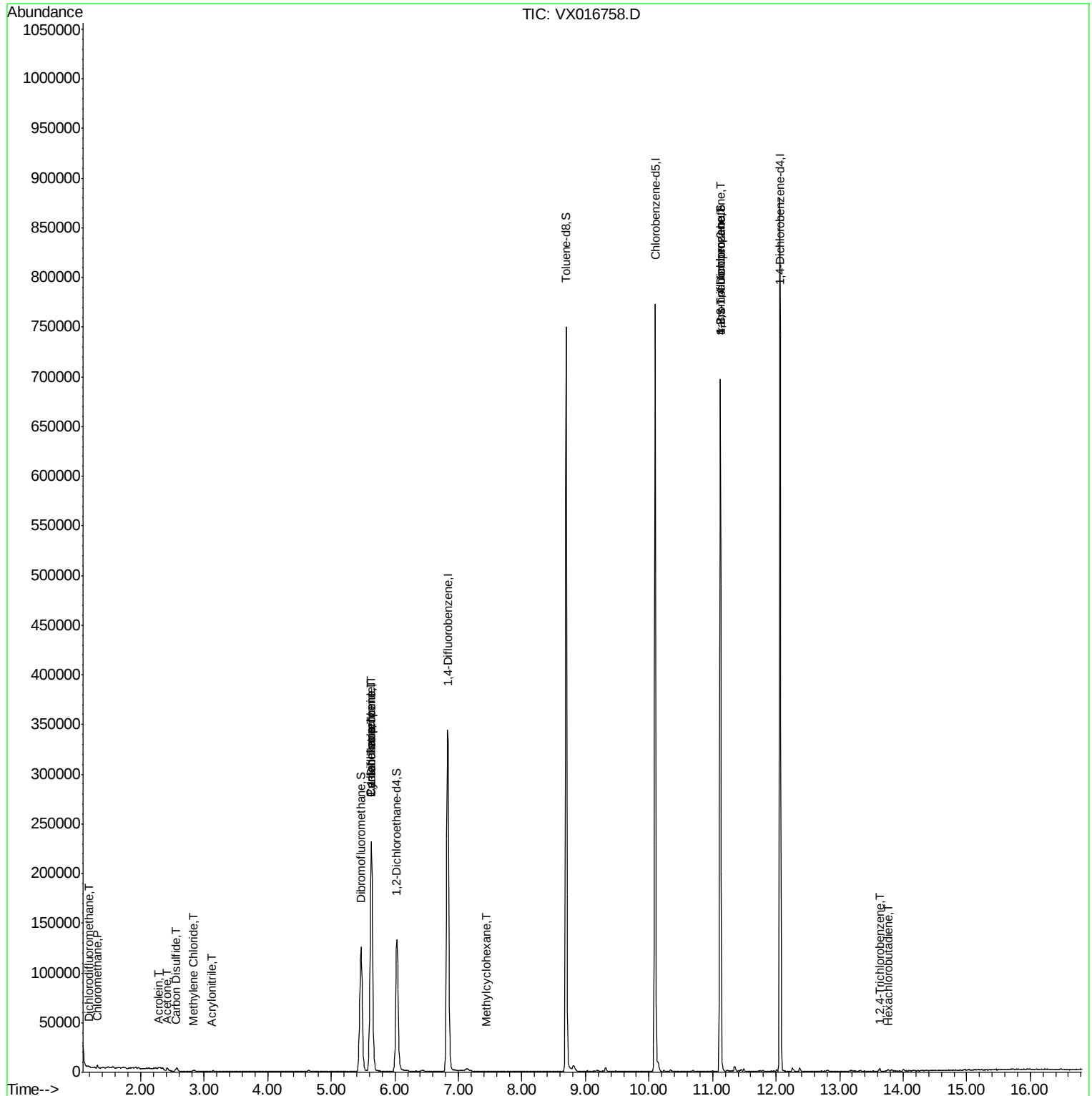
(#) = qualifier out of range (m) = manual integration (+) = signals summed

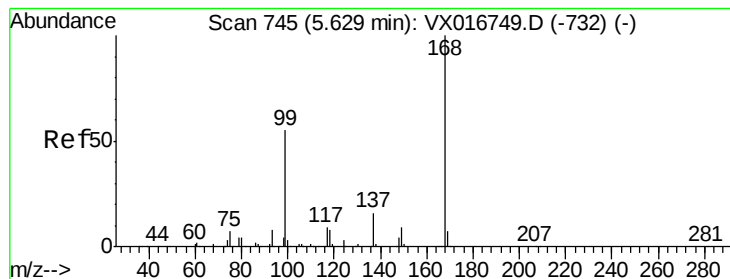
Data File : VX016758.D

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016758.D

Acq: 15 Jun 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

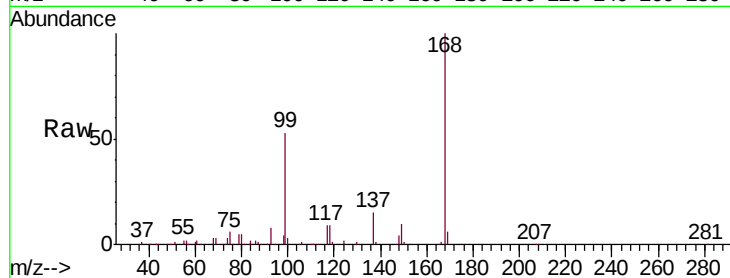
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 232747

Ion Ratio Lower Upper

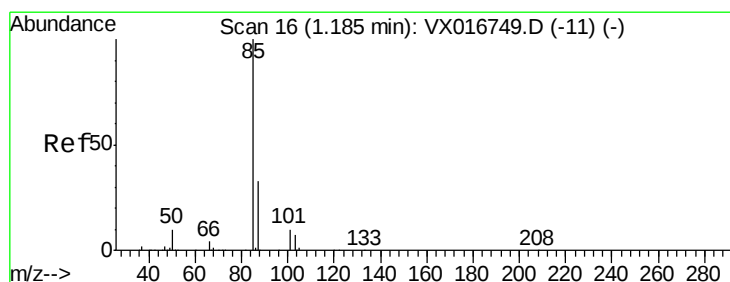
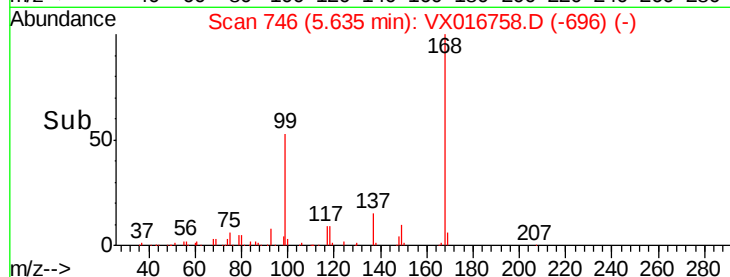
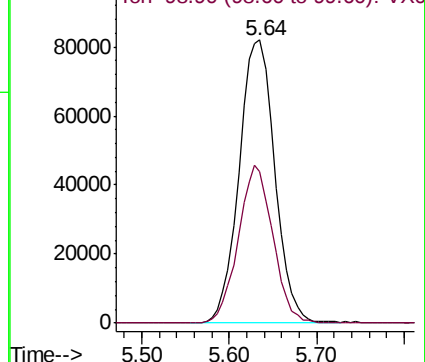
168 100

99 53.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.206 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016758.D

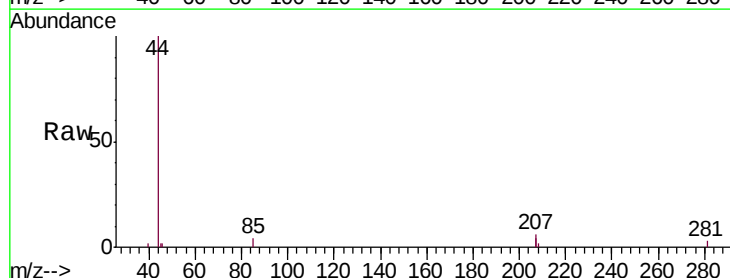
Acq: 15 Jun 2020 16:55

Tgt Ion: 85 Resp: 160

Ion Ratio Lower Upper

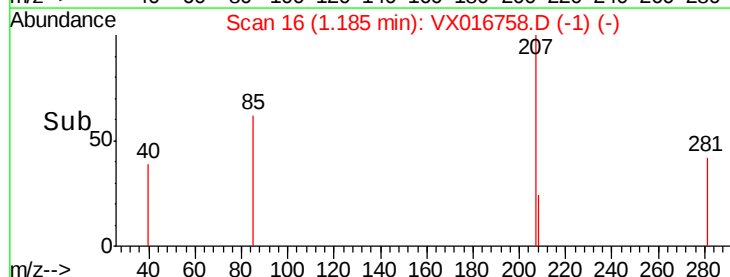
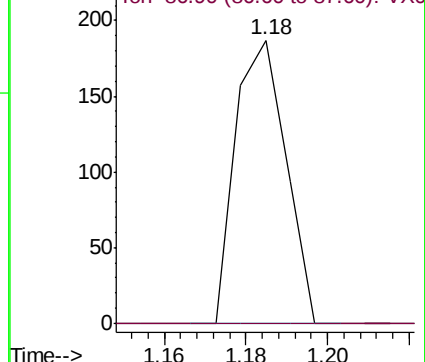
85 100

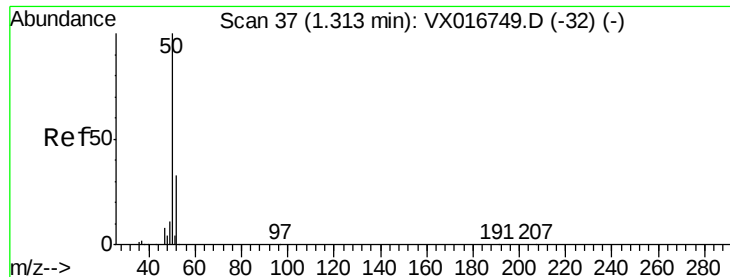
87 0.0 16.4 49.2#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.704 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016758.D

Acq: 15 Jun 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

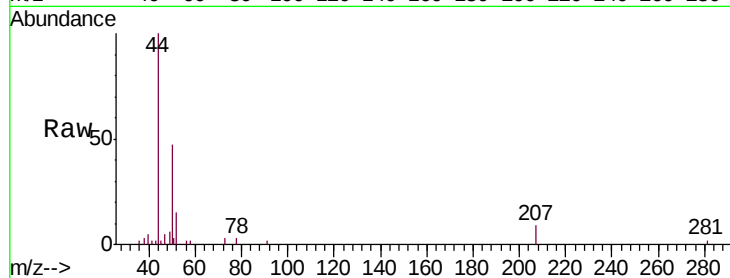
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 50 Resp: 1788

Ion Ratio Lower Upper

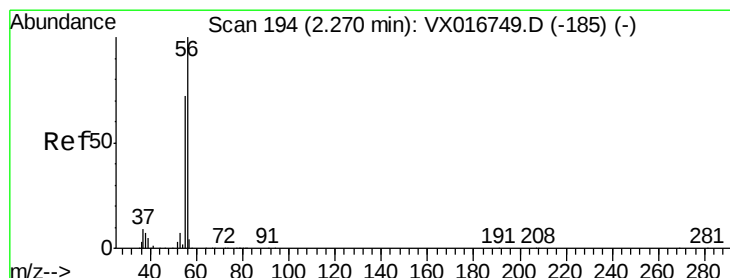
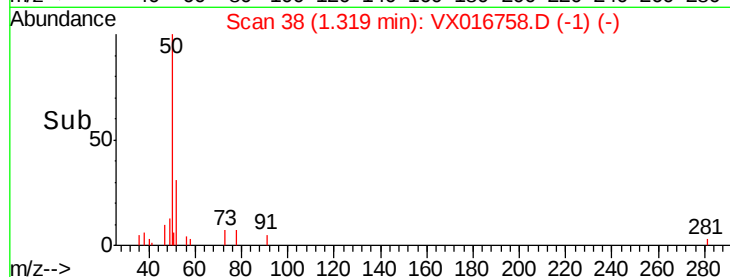
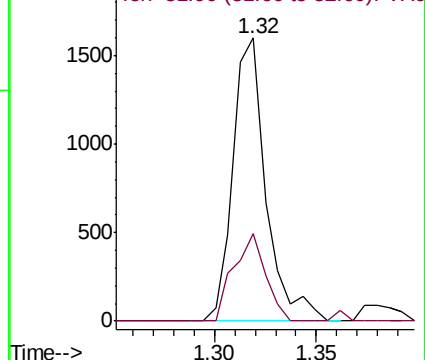
50 100

52 31.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#13

Acrolein

Concen: 3.795 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX016758.D

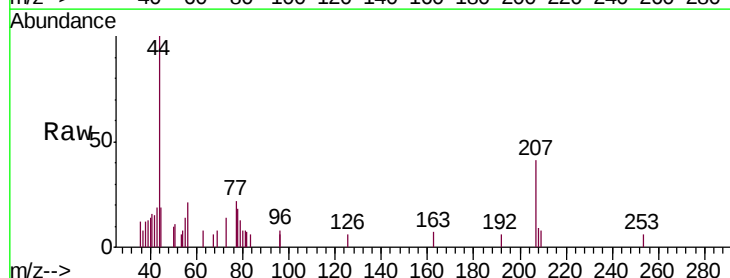
Acq: 15 Jun 2020 16:55

Tgt Ion: 56 Resp: 421

Ion Ratio Lower Upper

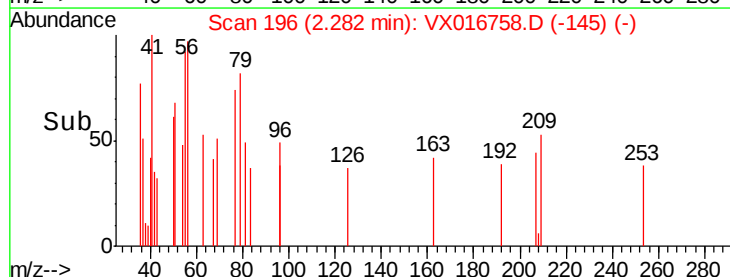
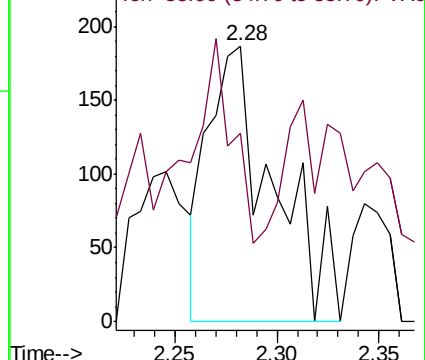
56 100

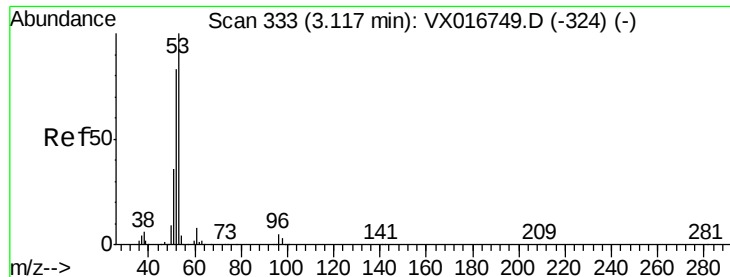
55 40.9 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.359 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016758.D

Acq: 15 Jun 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

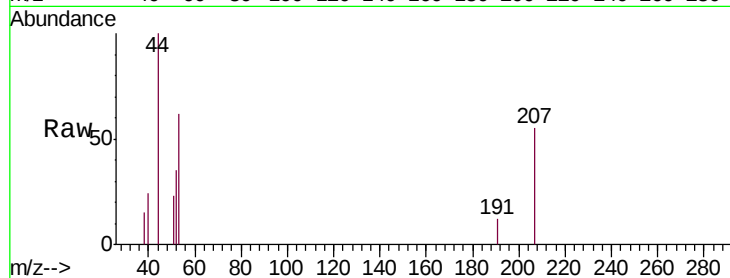
Tgt Ion: 53 Resp: 479

Ion Ratio Lower Upper

53 100

52 62.0 65.5 98.3#

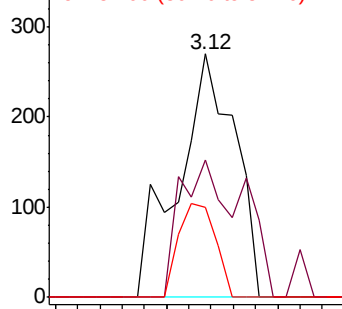
51 25.3 28.6 42.8#



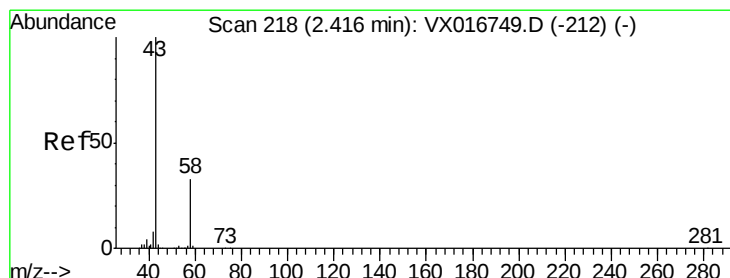
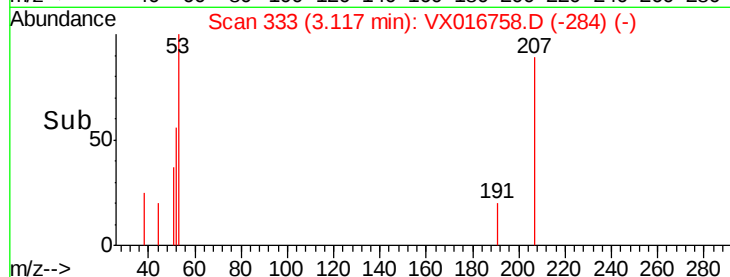
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 2.790 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016758.D

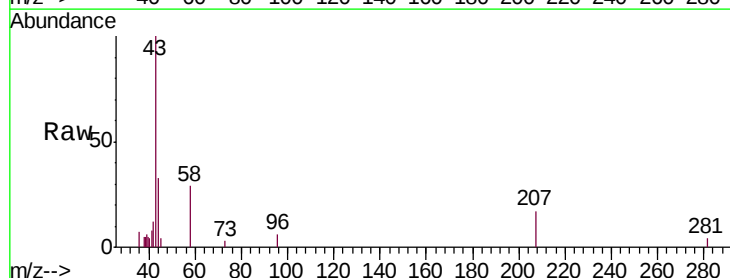
Acq: 15 Jun 2020 16:55

Tgt Ion: 43 Resp: 3313

Ion Ratio Lower Upper

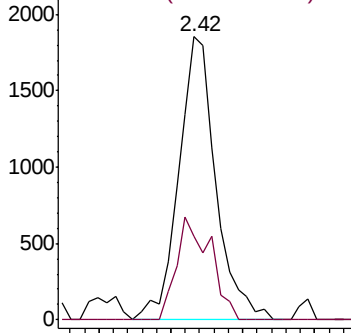
43 100

58 29.5 26.3 39.5

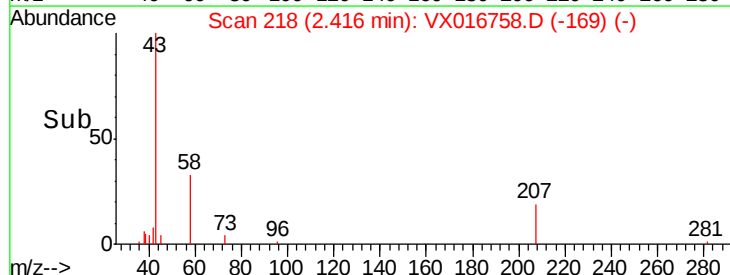


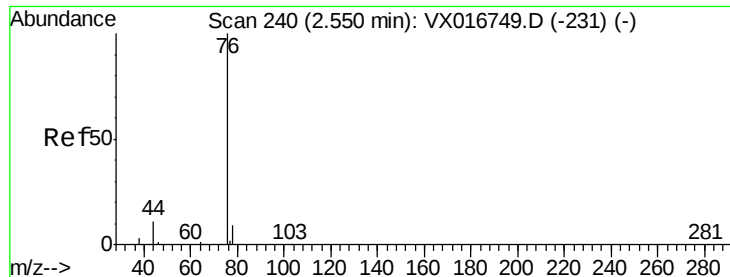
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

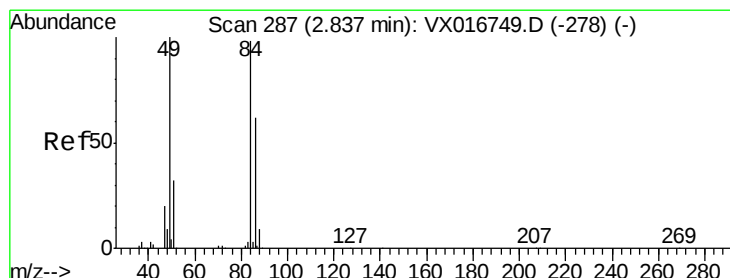
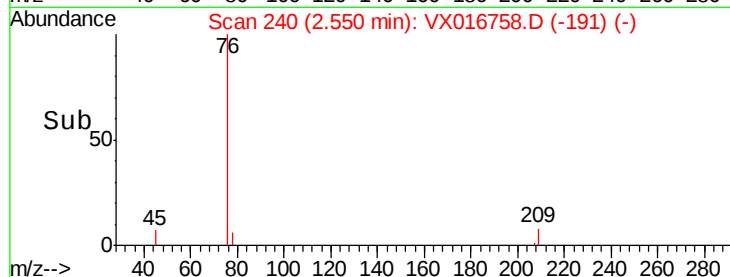
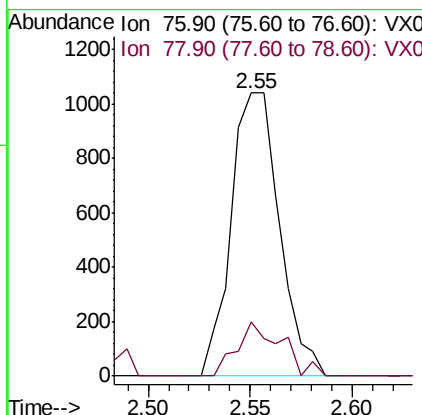
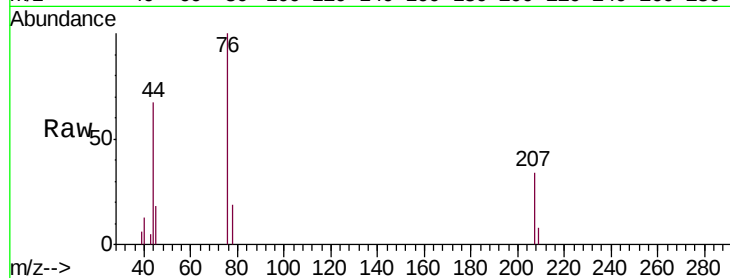




#17
Carbon Disulfide
Concen: 0.264 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016758.D
Acq: 15 Jun 2020 16:55

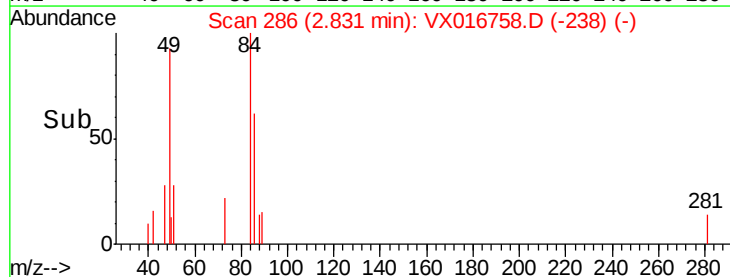
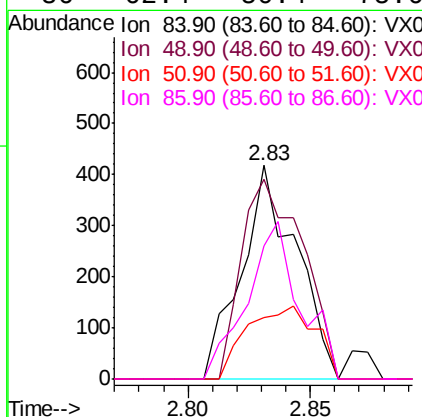
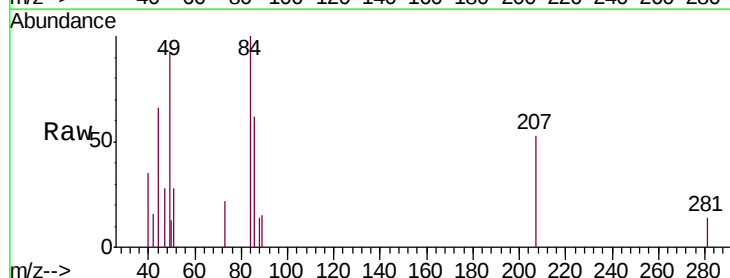
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

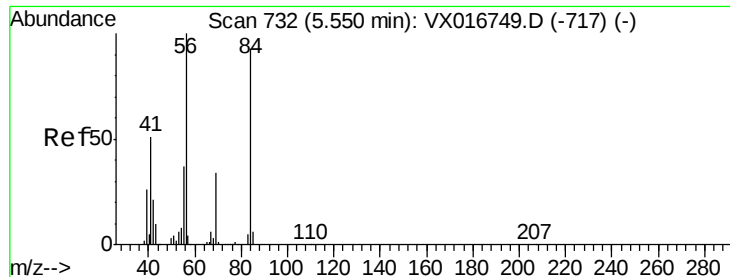
Tgt Ion: 76 Resp: 1717
Ion Ratio Lower Upper
76 100
78 19.2 7.3 10.9#



#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016758.D
Acq: 15 Jun 2020 16:55

Tgt Ion: 84 Resp: 655
Ion Ratio Lower Upper
84 100
49 93.3 81.8 122.8
51 28.5 25.8 38.8
86 62.4 50.4 75.6

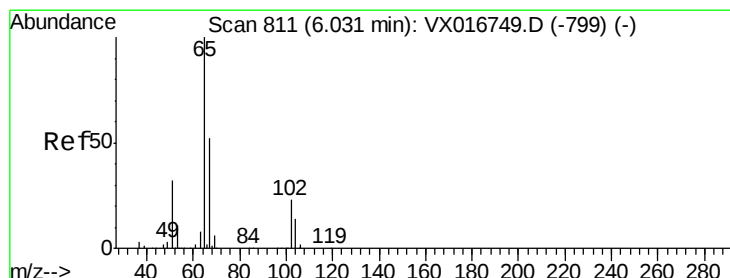
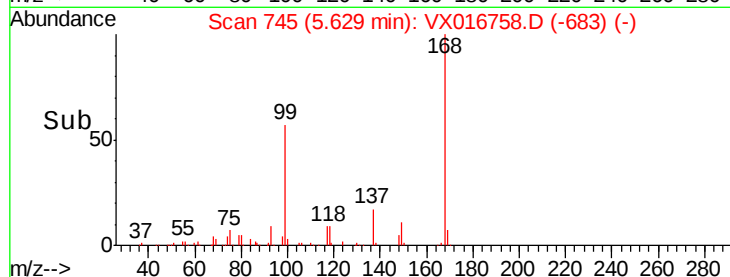
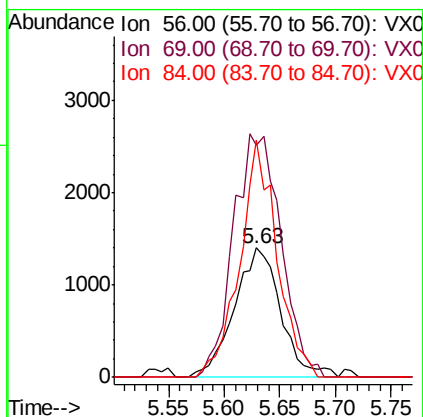
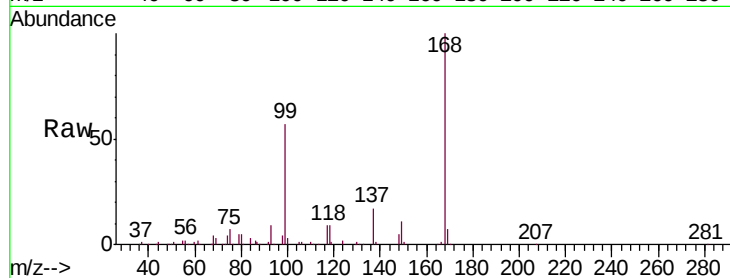




#31
Cyclohexane
Concen: 1.890 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016758.D
Acq: 15 Jun 2020 16:55

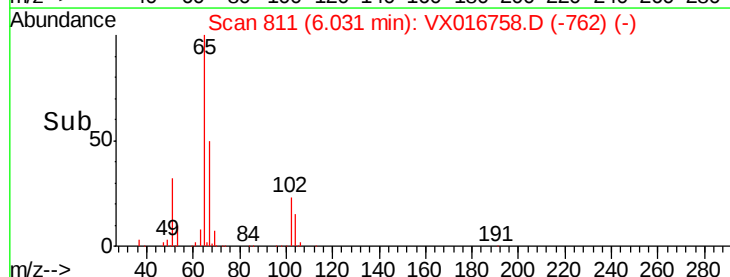
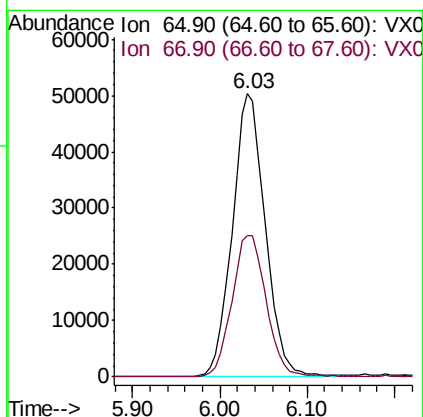
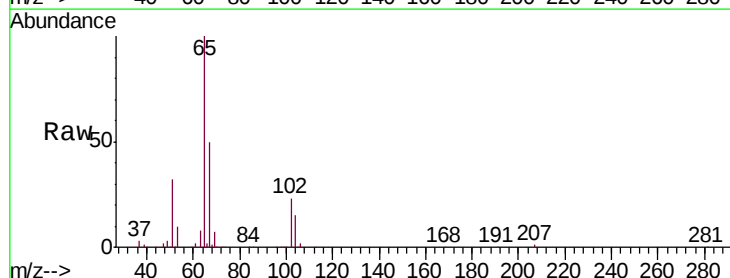
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

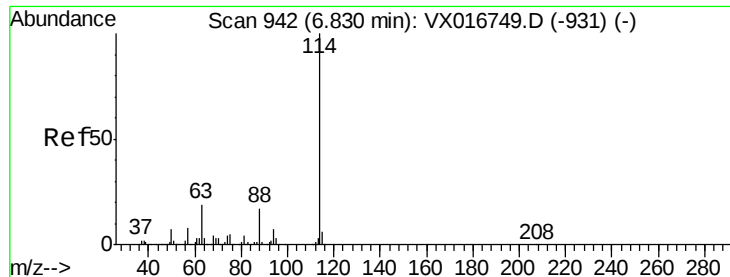
Tgt Ion: 56 Resp: 4081
Ion Ratio Lower Upper
56 100
69 179.5 27.1 40.7#
84 182.8 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 50.197 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016758.D
Acq: 15 Jun 2020 16:55

Tgt Ion: 65 Resp: 131409
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

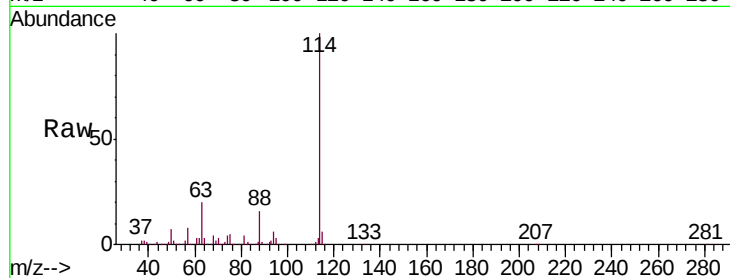




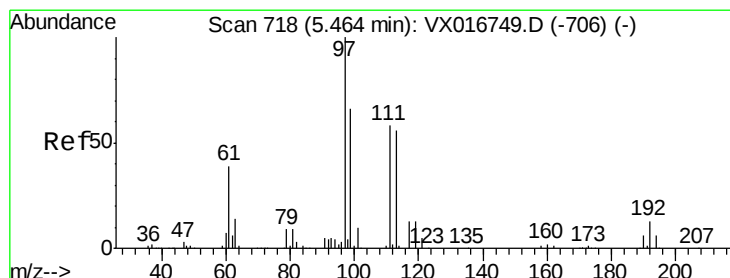
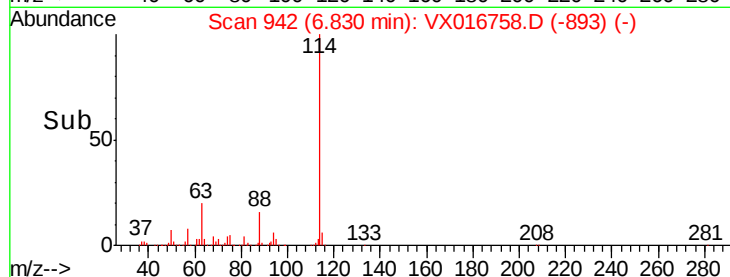
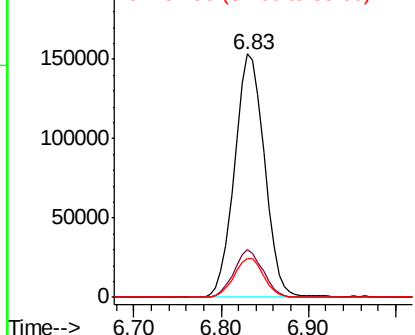
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016758.D
 Acq: 15 Jun 2020 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tgt Ion:114 Resp: 366340
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 16.2 0.0 33.4

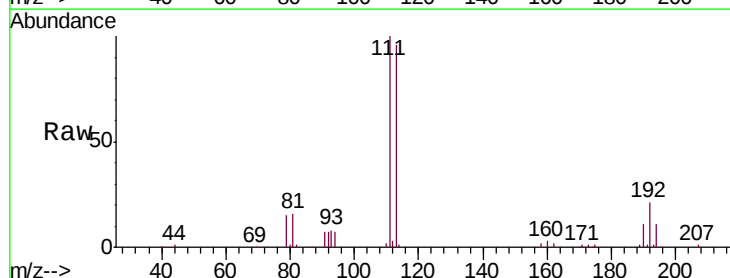


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

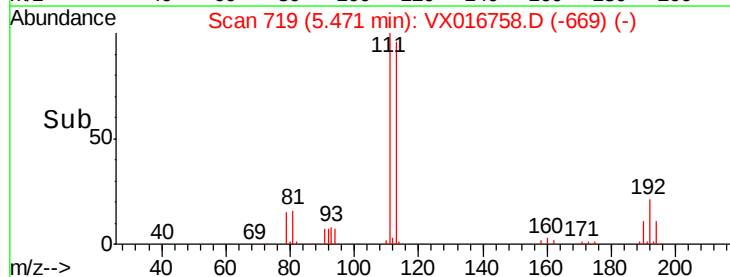
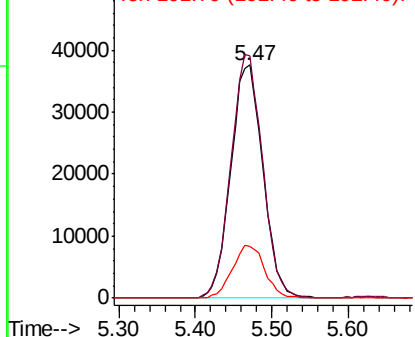


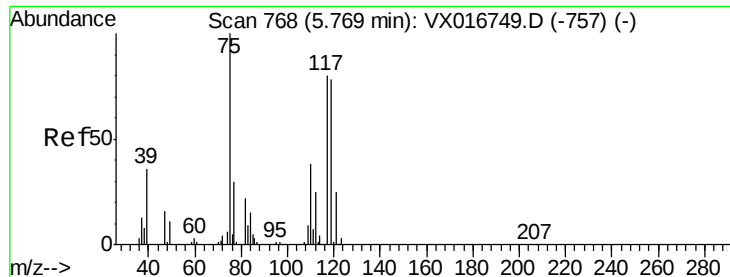
#35
 Dibromofluoromethane
 Concen: 48.447 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016758.D
 Acq: 15 Jun 2020 16:55

Tgt Ion:113 Resp: 109503
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.6
 192 22.6 18.2 27.4



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

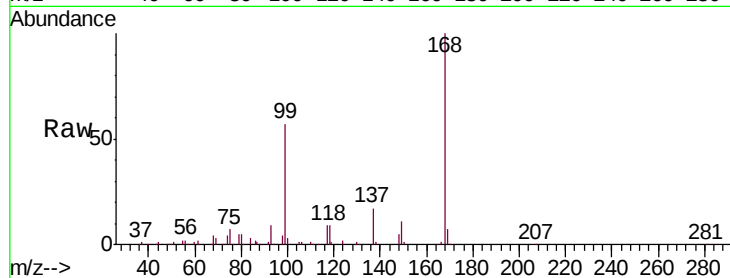




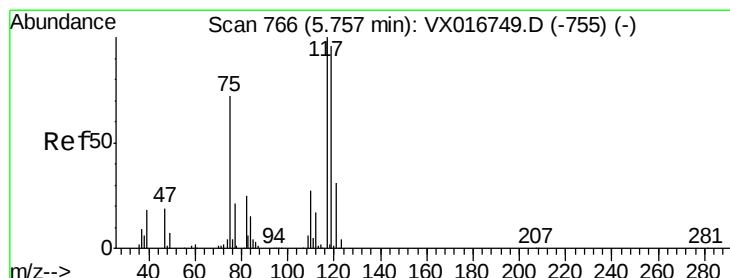
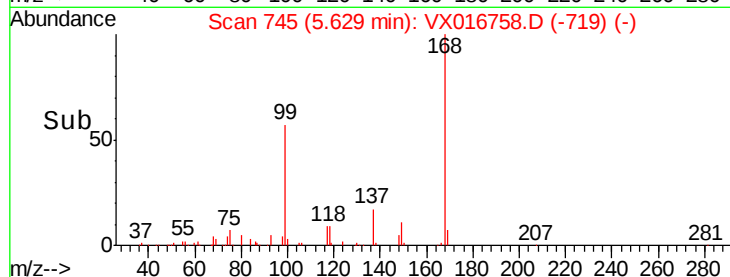
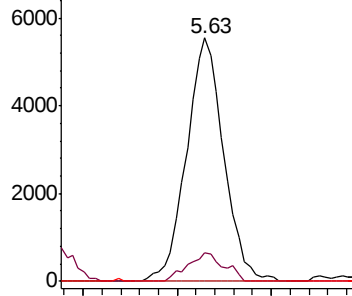
#36
 1,1-Dichloropropene
 Concen: 4.723 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016758.D
 Acq: 15 Jun 2020 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 15289
 Ion Ratio Lower Upper
 75 100
 110 11.4 18.4 55.2#
 77 0.0 24.7 37.1#

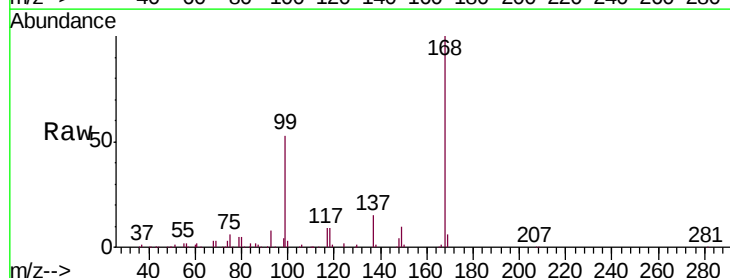


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

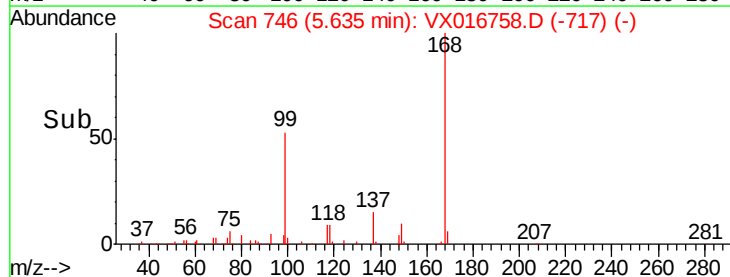
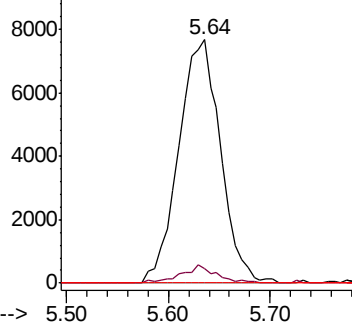


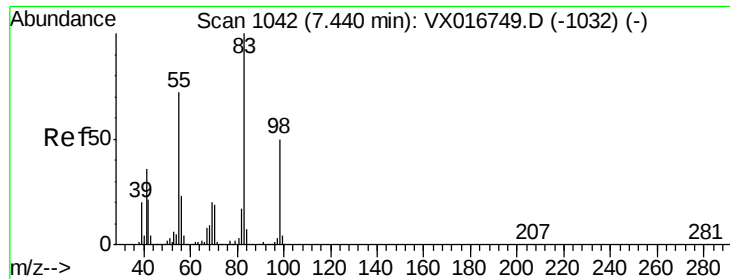
#38
 Carbon Tetrachloride
 Concen: 5.942 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX016758.D
 Acq: 15 Jun 2020 16:55

Tgt Ion: 117 Resp: 21849
 Ion Ratio Lower Upper
 117 100
 119 6.2 76.7 115.1#
 121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

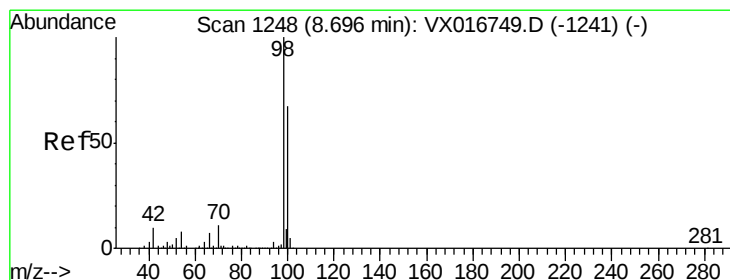
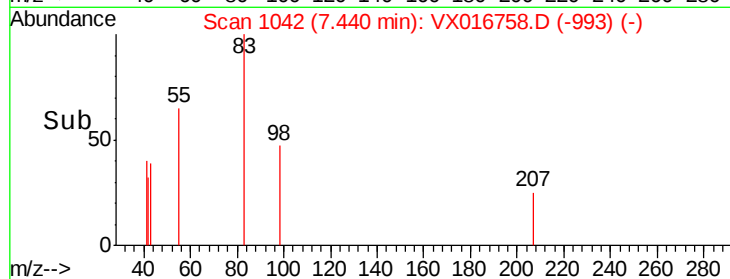
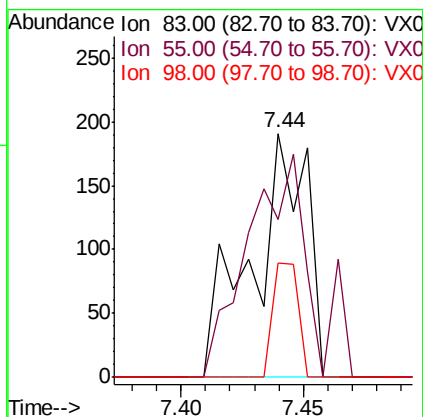
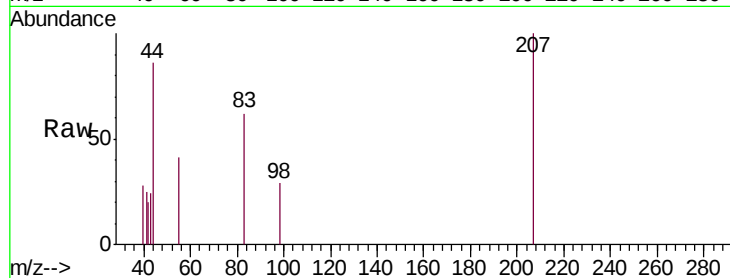




#39
Methylcyclohexane
Concen: 1.031 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016758.D
Acq: 15 Jun 2020 16:55

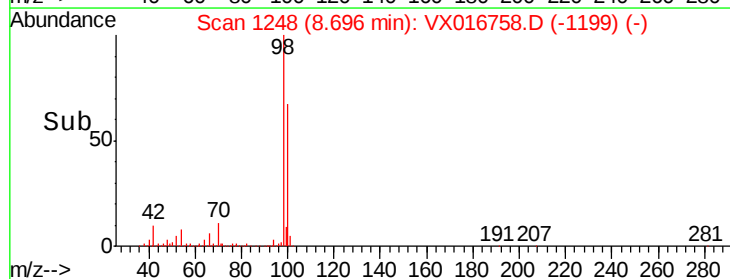
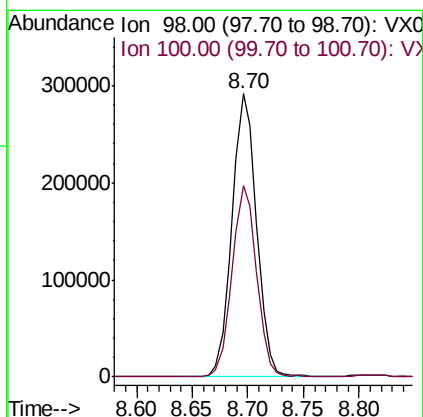
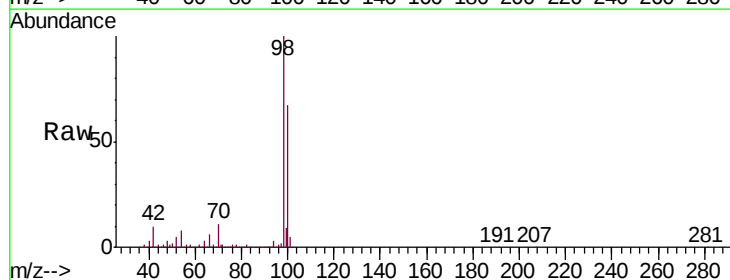
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

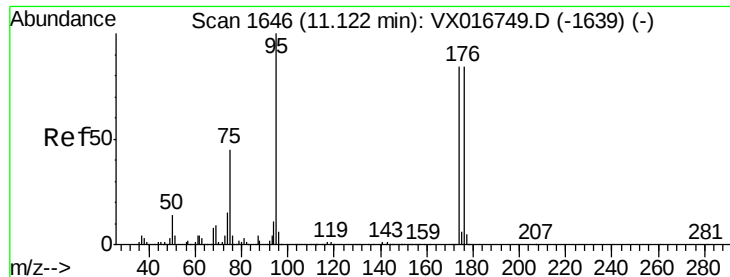
Tgt Ion: 83 Resp: 300
Ion Ratio Lower Upper
83 100
55 64.9 57.3 85.9
98 46.6 40.3 60.5



#50
Toluene-d8
Concen: 53.717 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016758.D
Acq: 15 Jun 2020 16:55

Tgt Ion: 98 Resp: 447689
Ion Ratio Lower Upper
98 100
100 67.3 53.9 80.9

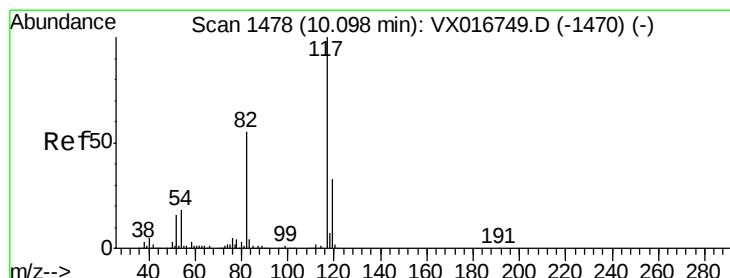
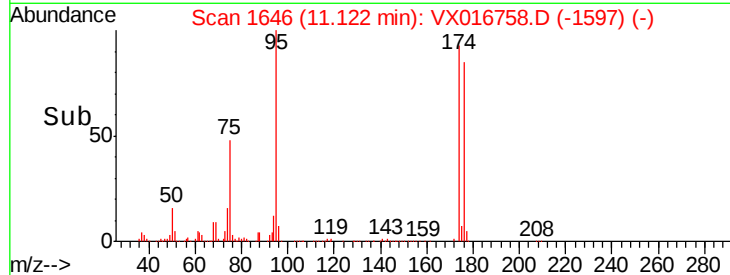
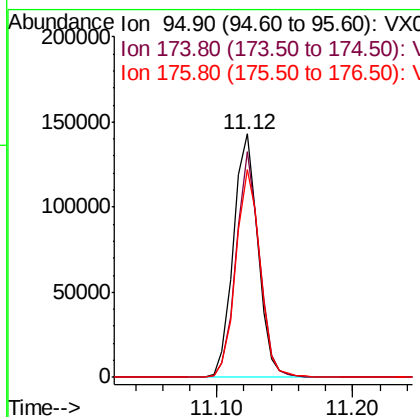
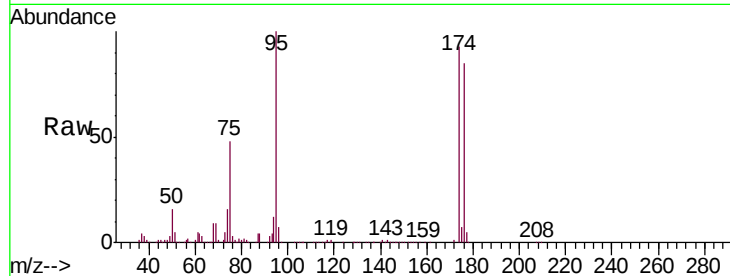




#62
4-Bromofluorobenzene
Concen: 56.236 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016758.D
Acq: 15 Jun 2020 16:55

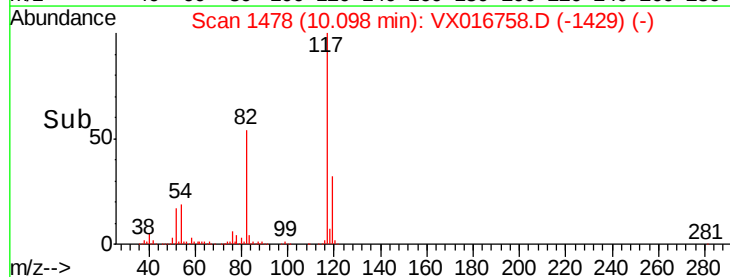
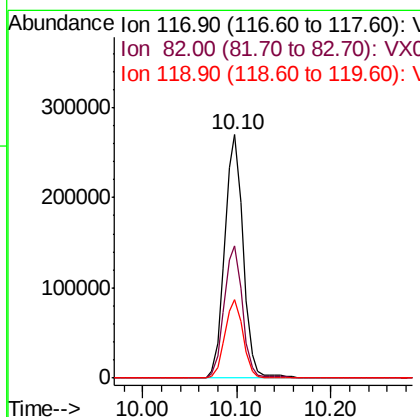
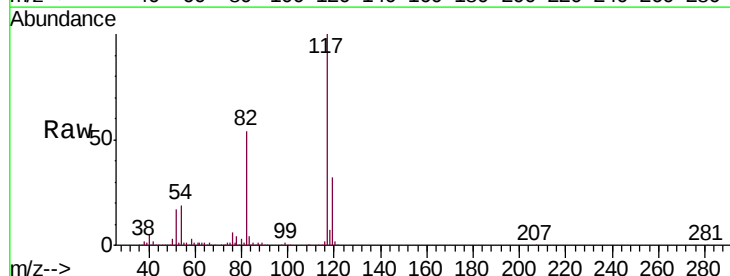
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

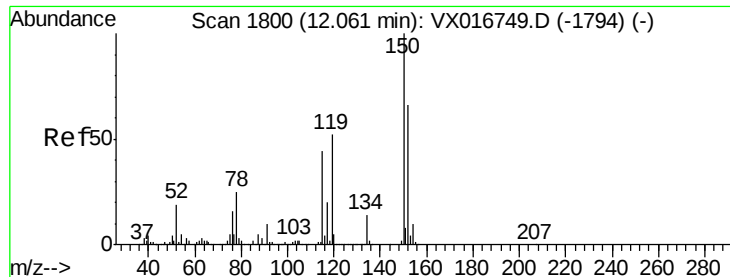
Tgt Ion: 95 Resp: 179270
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.0
176 84.7 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016758.D
Acq: 15 Jun 2020 16:55

Tgt Ion: 117 Resp: 367843
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.6
119 32.4 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016758.D

Acq: 15 Jun 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

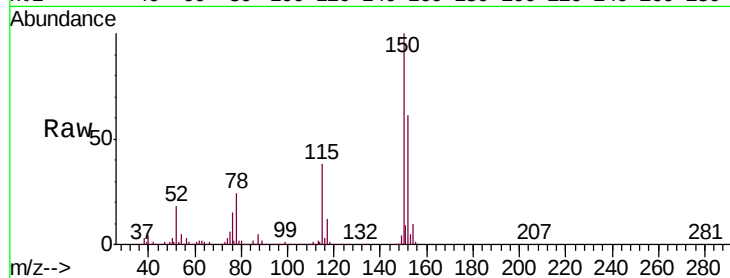
Tgt Ion: 152 Resp: 184016

Ion Ratio Lower Upper

152 100

115 59.2 40.3 120.8

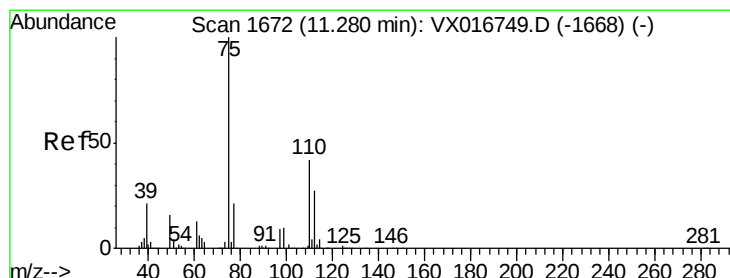
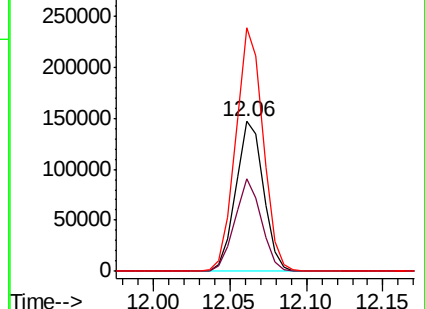
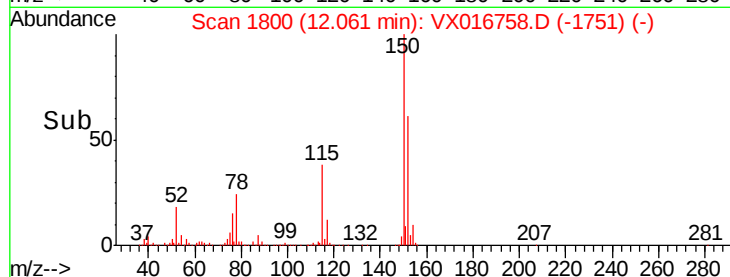
150 159.9 0.0 337.4



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



#76

1,2,3-Trichloropropane

Concen: 22.274 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016758.D

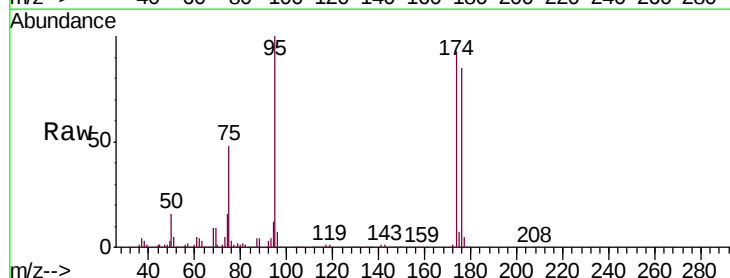
Acq: 15 Jun 2020 16:55

Tgt Ion: 75 Resp: 86194

Ion Ratio Lower Upper

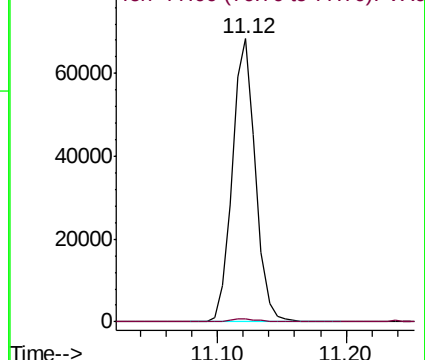
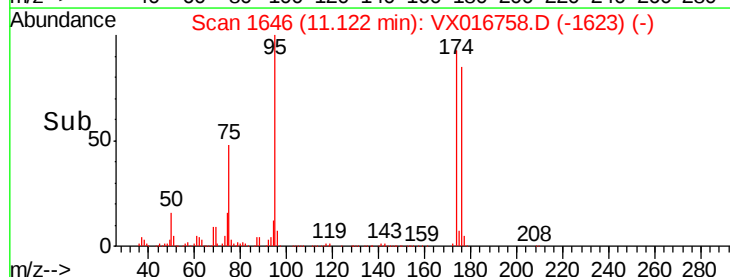
75 100

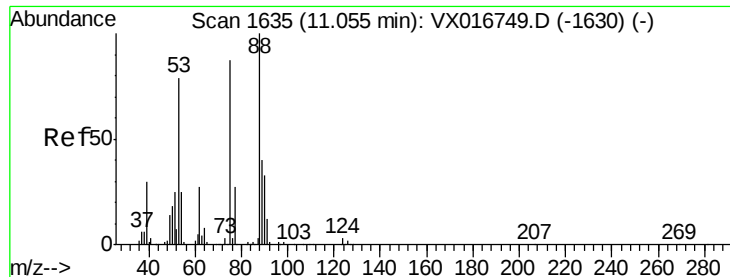
77 1.3 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 56.073 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX016758.D

Acq: 15 Jun 2020 16:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

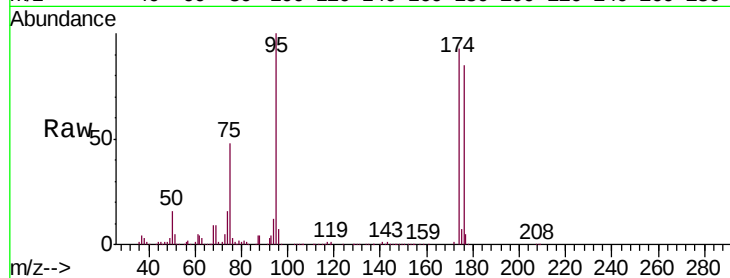
Tgt Ion: 75 Resp: 86194

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.0#

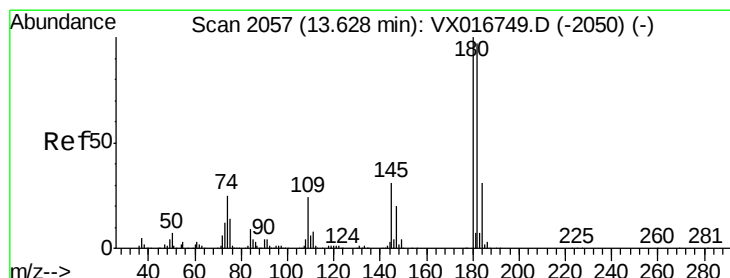
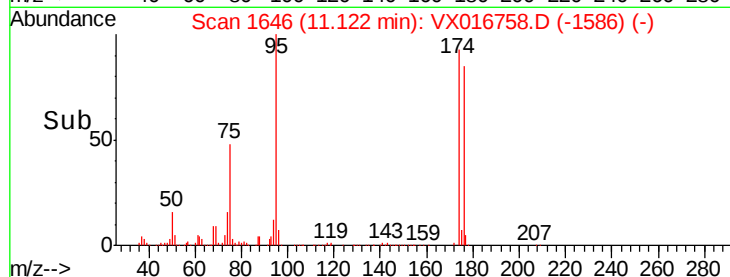
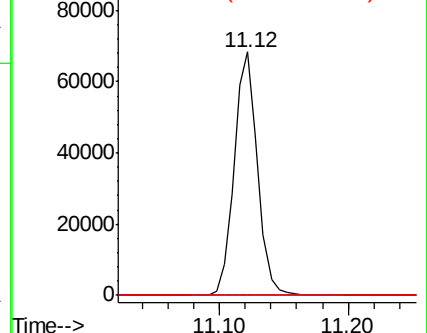
89 0.0 39.1 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#93

1,2,4-Trichlorobenzene

Concen: 0.217 ug/l

RT: 13.63 min Scan# 2058

Delta R.T. 0.01 min

Lab File: VX016758.D

Acq: 15 Jun 2020 16:55

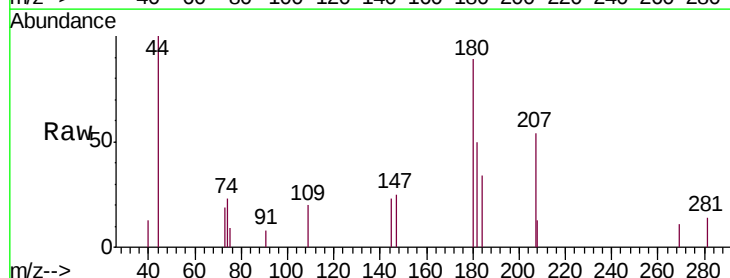
Tgt Ion: 180 Resp: 874

Ion Ratio Lower Upper

180 100

182 84.1 48.6 145.8

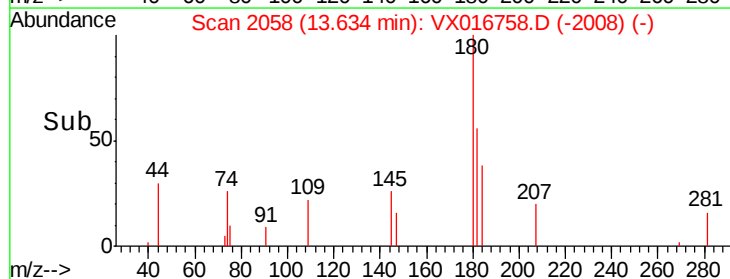
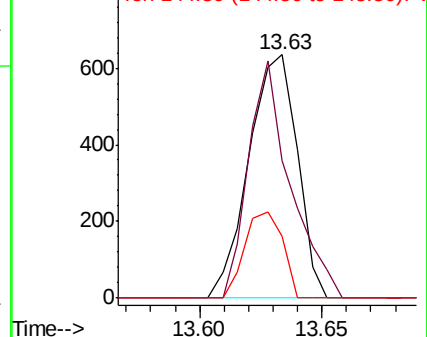
145 27.8 15.4 46.4

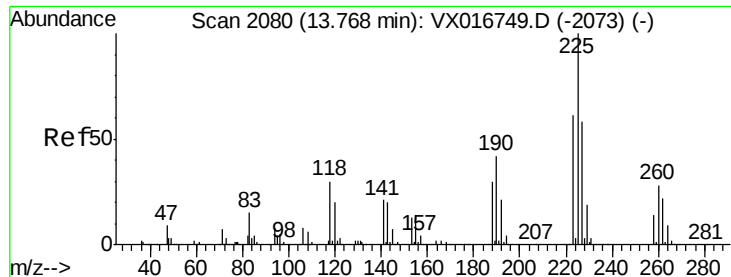


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94
 Hexachlorobutadiene
 Concen: 0.673 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016758.D
 Acq: 15 Jun 2020 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.9	31.1	93.5
227	35.5	30.9	92.7

