

Data File : VX016759.D
Acq On : 15 Jun 2020 17:18
Operator : JC/SP
Sample : L3000-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jun 16 03:10:49 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	5.63	168	238241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	371179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	383073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197067	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	134131	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	5.47	113	112844	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.70	98	463139	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
62) 4-Bromofluorobenzene	11.12	95	186672	57.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.58%	

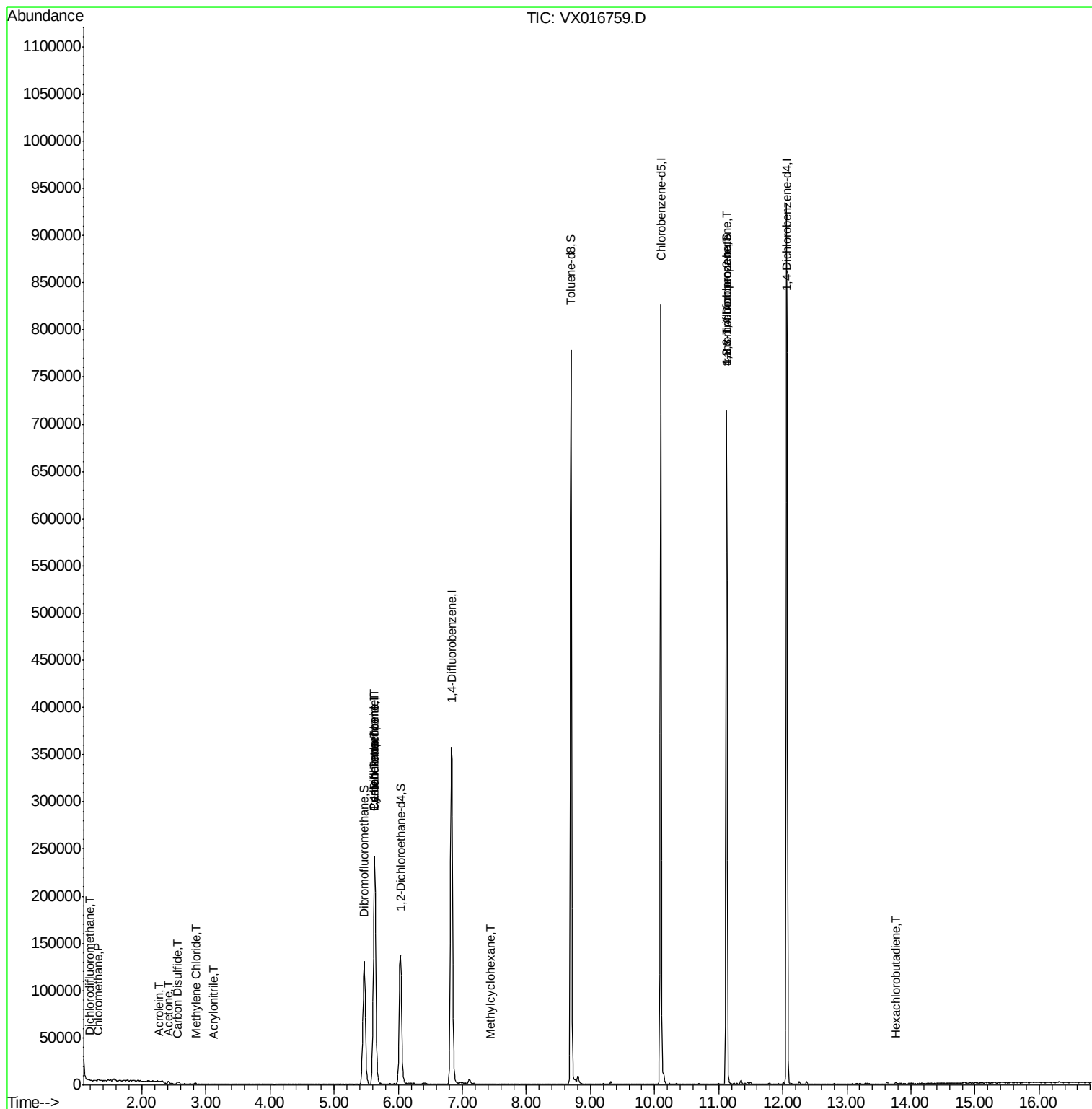
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.18	85	187	0.215	ug/l	84
3) Chloromethane	1.31	50	845	0.325	ug/l	100
13) Acrolein	2.27	56	308	3.370	ug/l #	51
15) Acrylonitrile	3.12	53	342	0.250	ug/l	91
16) Acetone	2.42	43	3305	2.719	ug/l	98
17) Carbon Disulfide	2.55	76	1455	0.218	ug/l #	89
20) Methylene Chloride	2.84	84	576	0.220	ug/l #	83
31) Cyclohexane	5.63	56	4230	1.906	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	15659	4.774	ug/l #	50
38) Carbon Tetrachloride	5.64	117	22336	5.996	ug/l #	17
39) Methylcyclohexane	7.44	83	264	1.021	ug/l #	58
76) 1,2,3-Trichloropropane	11.12	75	89897	21.692	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	89897	54.609	ug/l #	13
94) Hexachlorobutadiene	13.77	225	305	0.573	ug/l	92

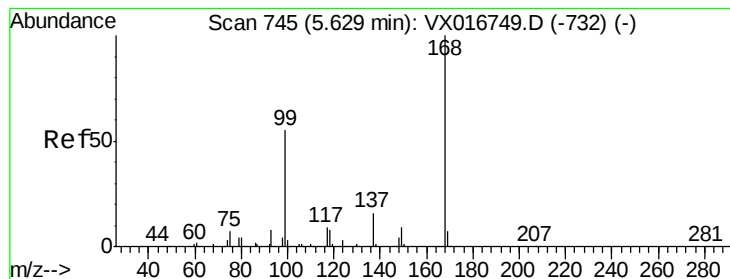
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX016759.D
Acq On : 15 Jun 2020 17:18
Operator : JC/SP
Sample : L3000-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jun 16 03:10:49 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016759.D

Acq: 15 Jun 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

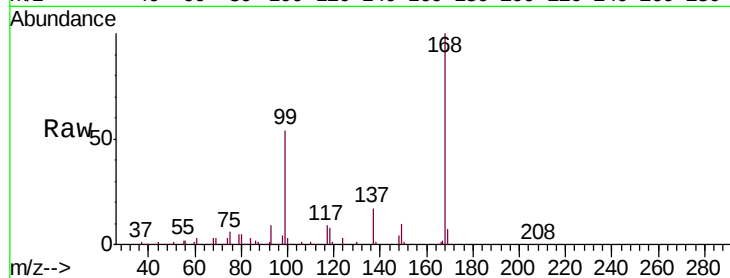
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:168 Resp: 238241

Ion Ratio Lower Upper

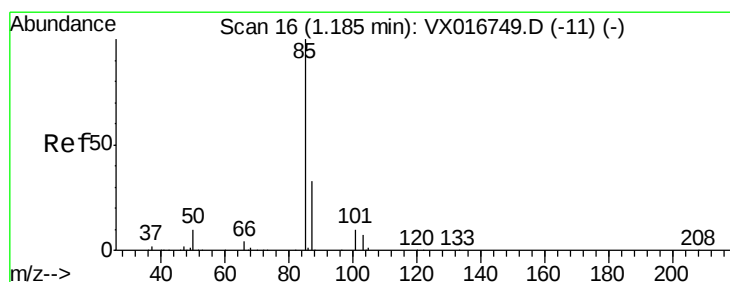
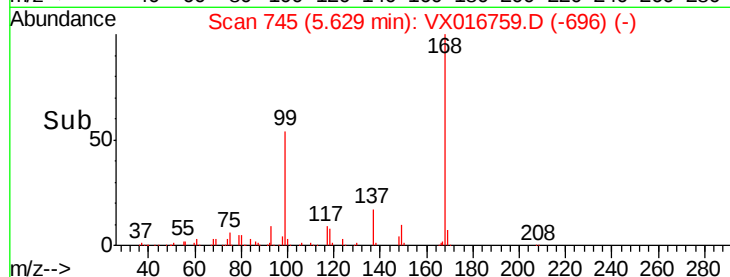
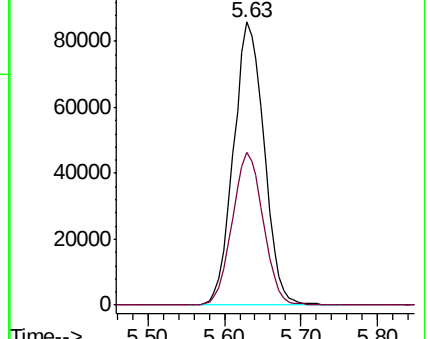
168 100

99 53.8 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: 0.215 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016759.D

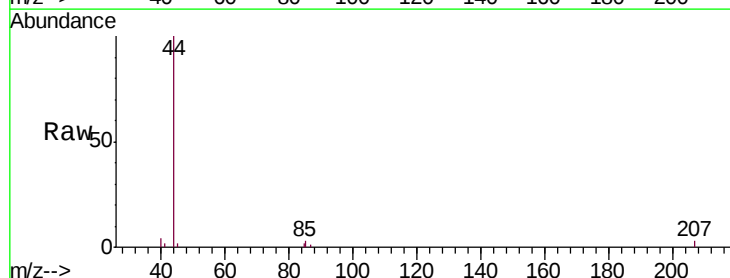
Acq: 15 Jun 2020 17:18

Tgt Ion: 85 Resp: 187

Ion Ratio Lower Upper

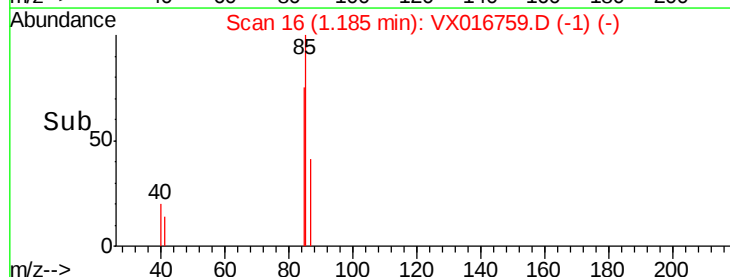
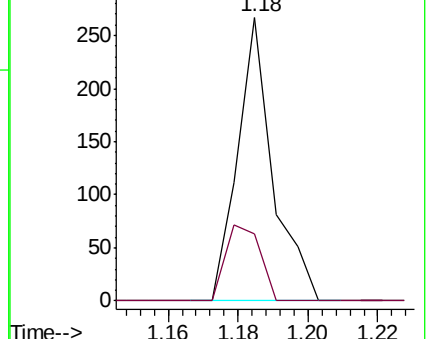
85 100

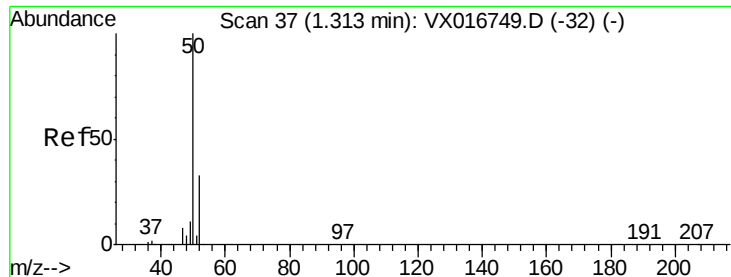
87 23.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.325 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016759.D

Acq: 15 Jun 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

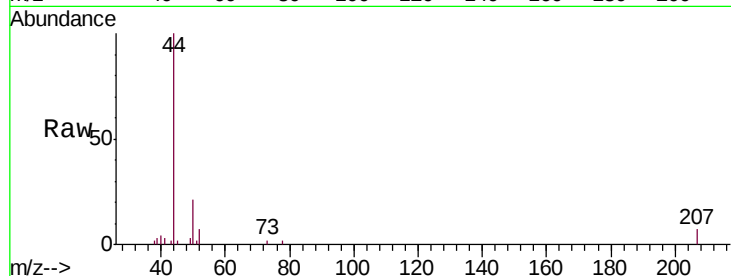
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 50 Resp: 845

Ion Ratio Lower Upper

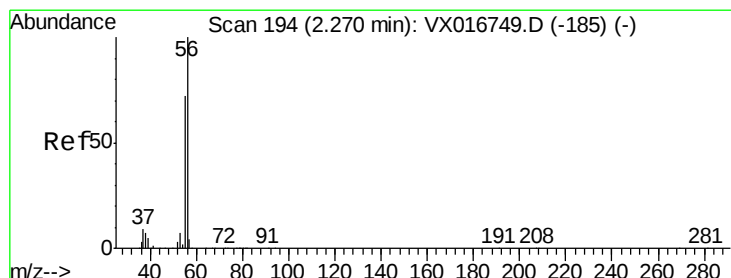
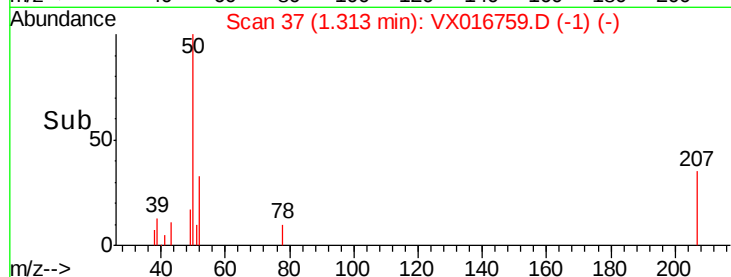
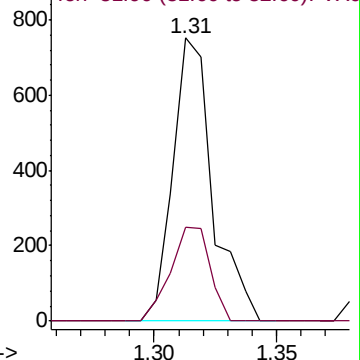
50 100

52 33.0 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: 3.370 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016759.D

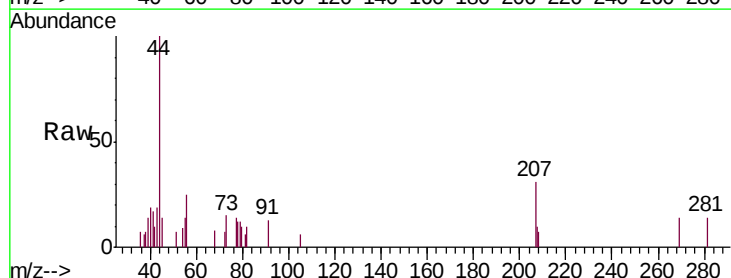
Acq: 15 Jun 2020 17:18

Tgt Ion: 56 Resp: 308

Ion Ratio Lower Upper

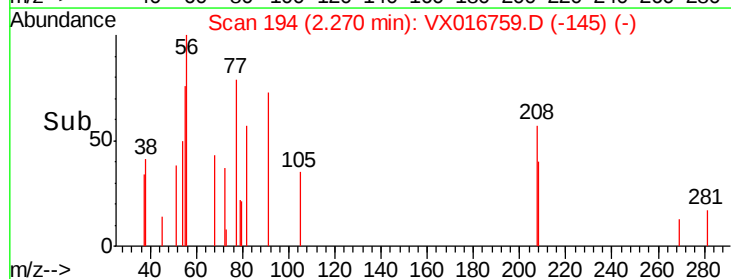
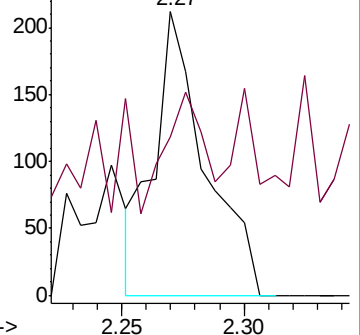
56 100

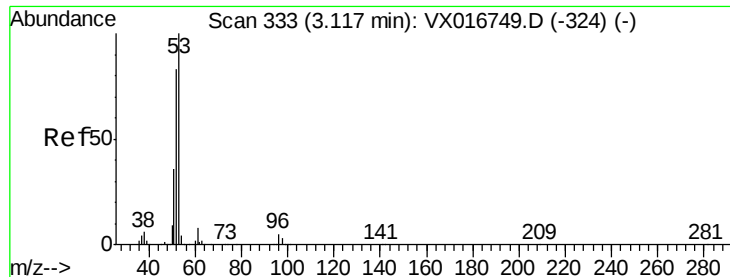
55 32.1 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.250 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016759.D

Acq: 15 Jun 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

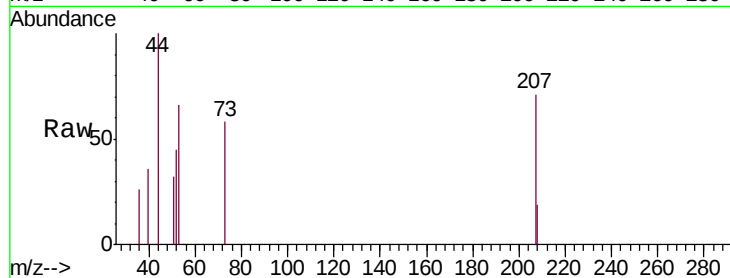
Tgt Ion: 53 Resp: 342

Ion Ratio Lower Upper

53 100

52 70.5 65.5 98.3

51 35.1 28.6 42.8

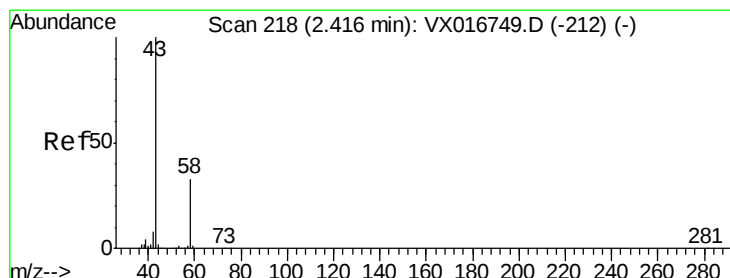
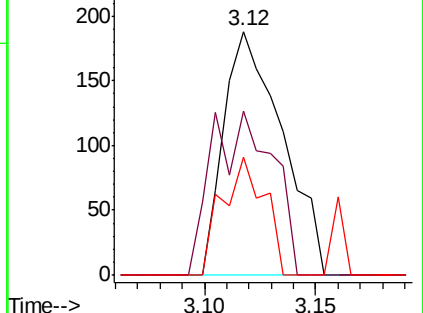
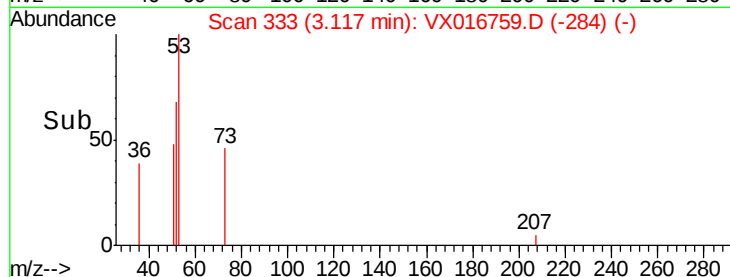


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Time-->



#16

Acetone

Concen: 2.719 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016759.D

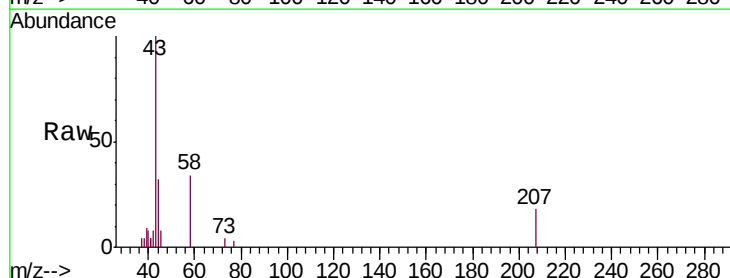
Acq: 15 Jun 2020 17:18

Tgt Ion: 43 Resp: 3305

Ion Ratio Lower Upper

43 100

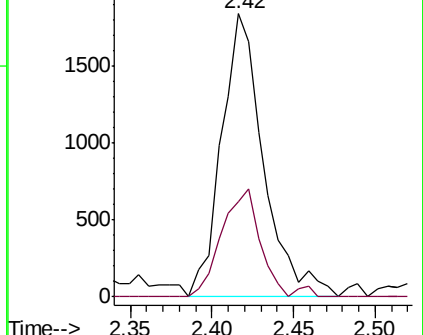
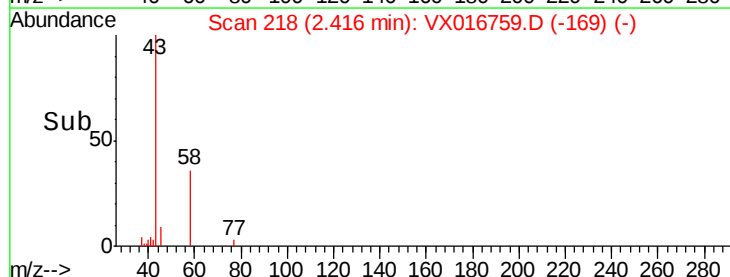
58 33.8 26.3 39.5

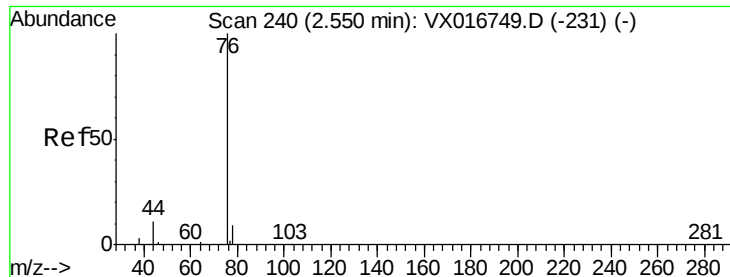


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->

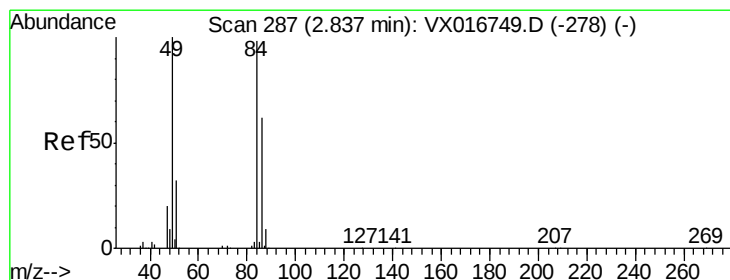
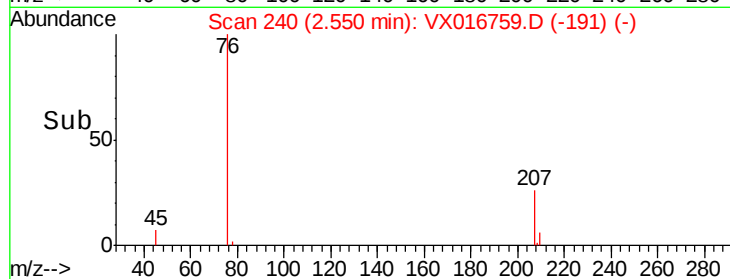
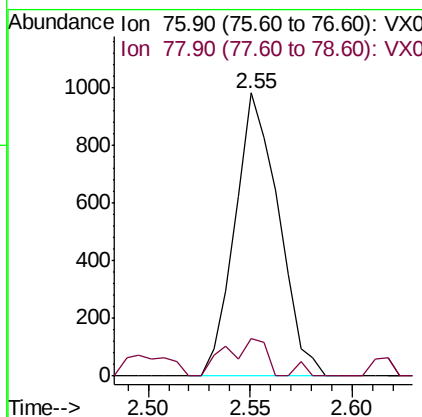
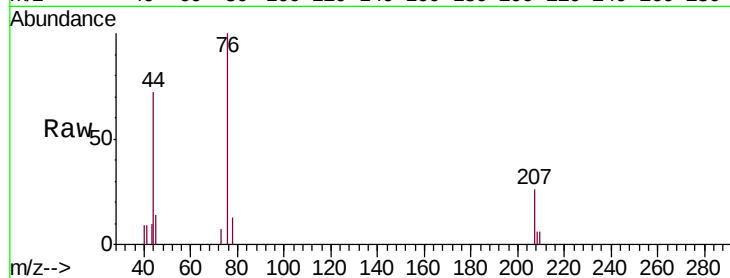




#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016759.D
Acq: 15 Jun 2020 17:18

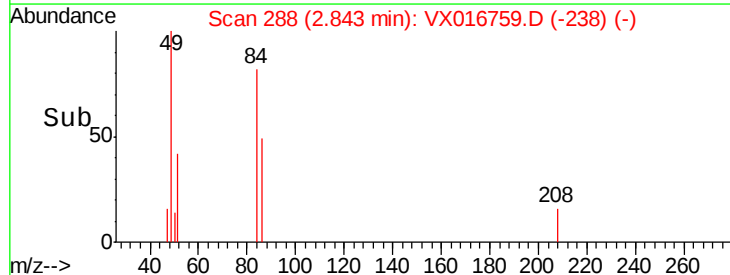
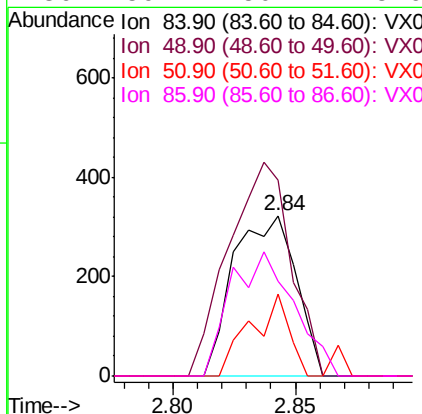
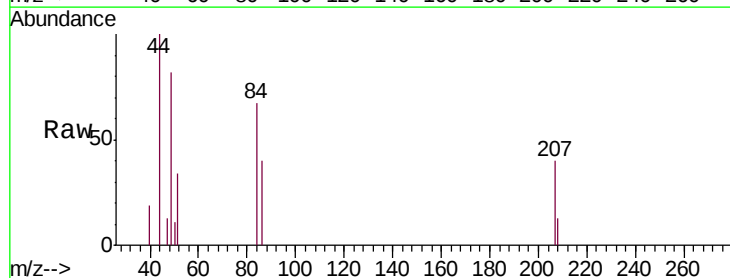
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

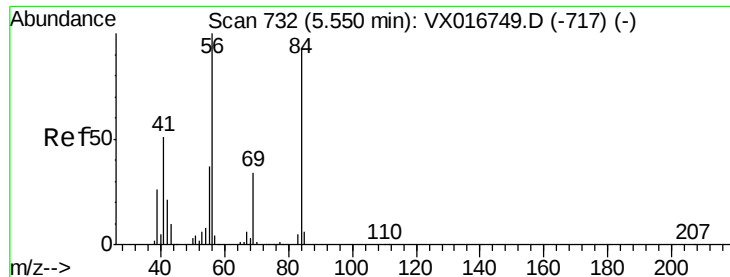
Tgt Ion: 76 Resp: 1455
Ion Ratio Lower Upper
76 100
78 13.2 7.3 10.9#



#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX016759.D
Acq: 15 Jun 2020 17:18

Tgt Ion: 84 Resp: 576
Ion Ratio Lower Upper
84 100
49 121.7 81.8 122.8
51 50.8 25.8 38.8#
86 59.1 50.4 75.6

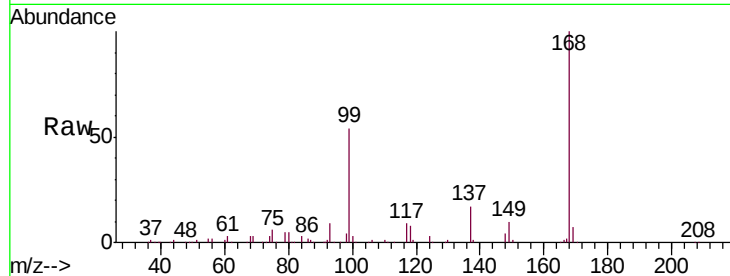




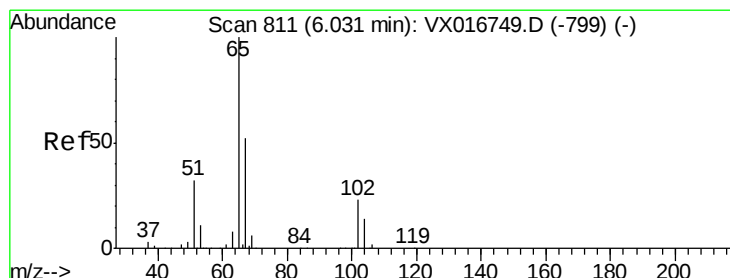
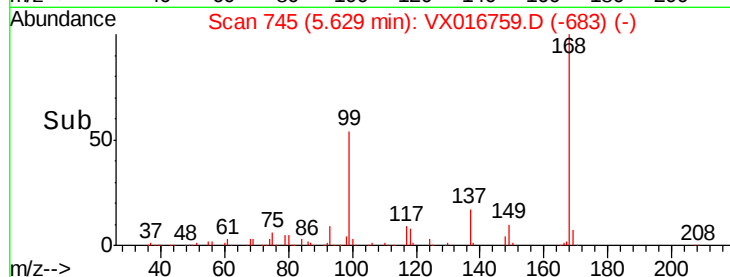
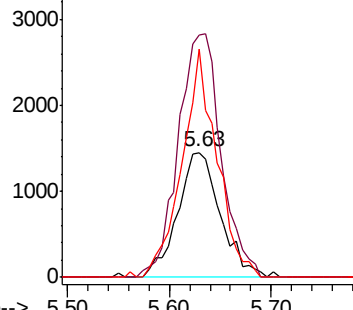
#31
Cyclohexane
Concen: 1.906 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016759.D
Acq: 15 Jun 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 56 Resp: 4230
Ion Ratio Lower Upper
56 100
69 193.3 27.1 40.7#
84 182.3 74.0 111.0#

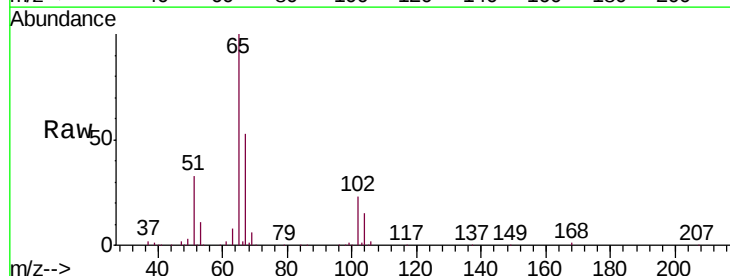


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

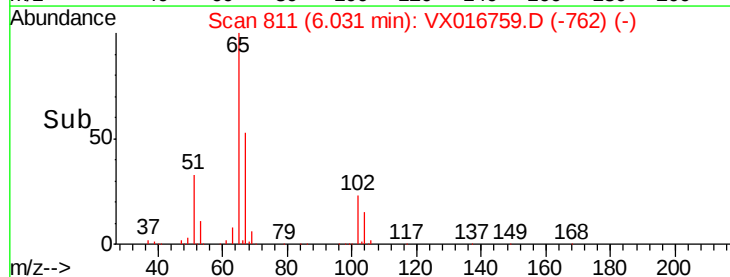
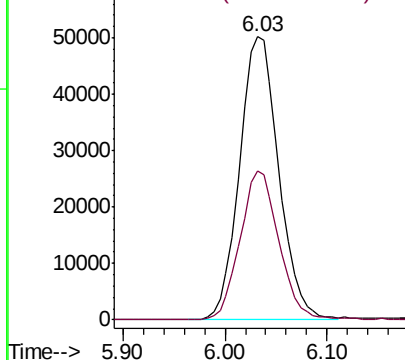


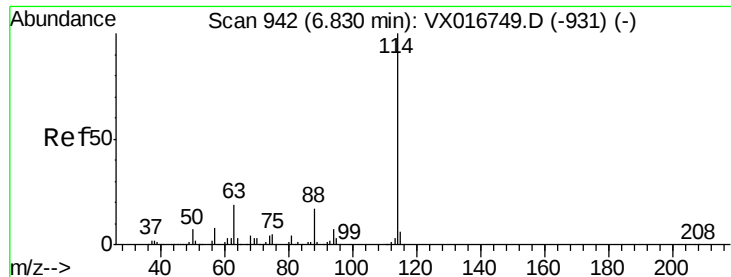
#33
1,2-Dichloroethane-d4
Concen: 50.056 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016759.D
Acq: 15 Jun 2020 17:18

Tgt Ion: 65 Resp: 134131
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016759.D

Acq: 15 Jun 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

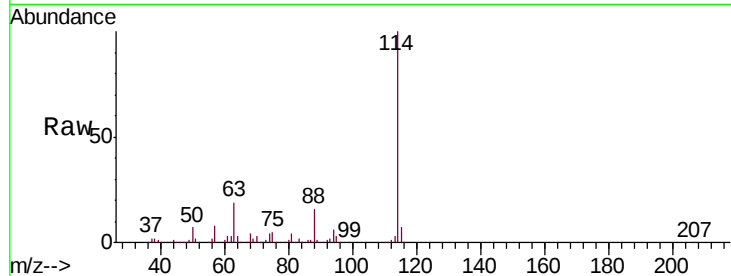
Tgt Ion:114 Resp: 371179

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

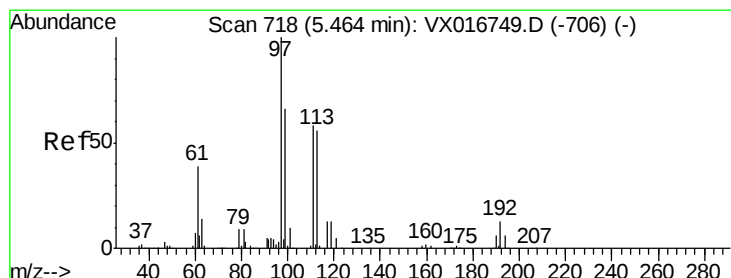
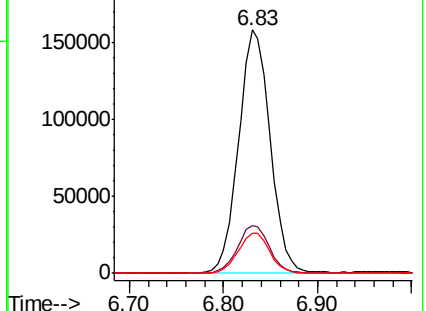
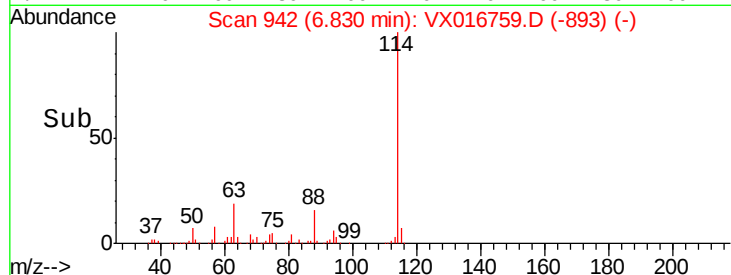
88 16.3 0.0 33.4



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: 49.274 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016759.D

Acq: 15 Jun 2020 17:18

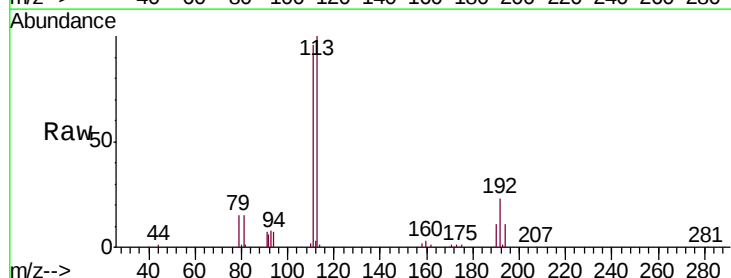
Tgt Ion:113 Resp: 112844

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

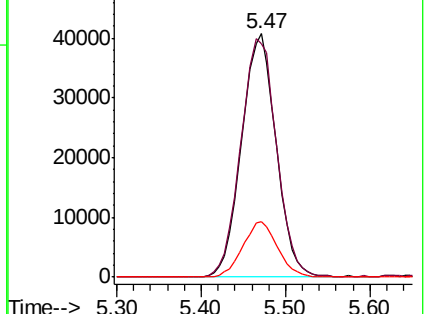
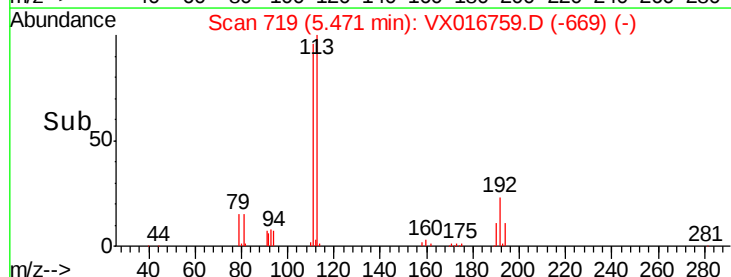
192 22.9 18.2 27.4

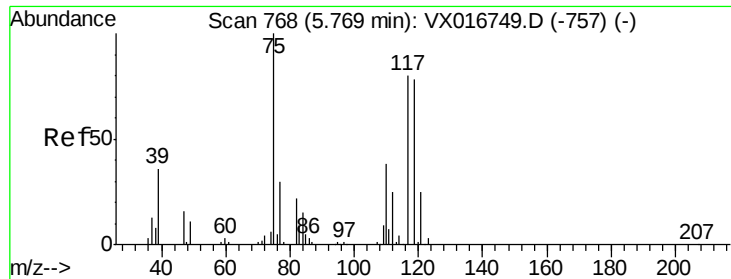


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.774 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX016759.D

Acq: 15 Jun 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

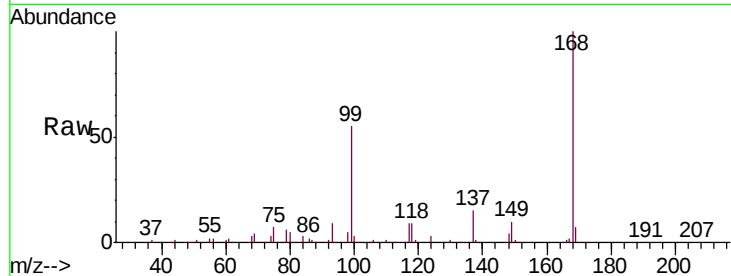
Tgt Ion: 75 Resp: 15659

Ion Ratio Lower Upper

75 100

110 10.3 18.4 55.2#

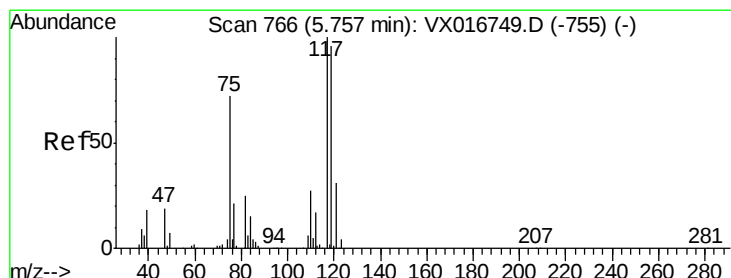
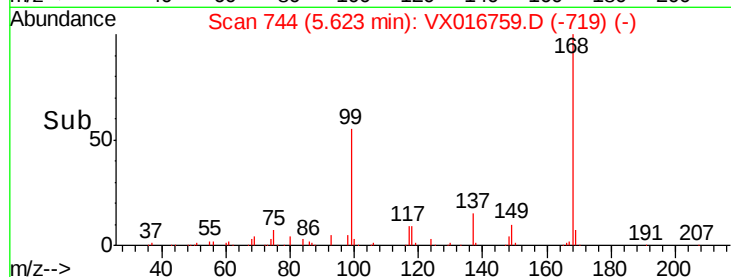
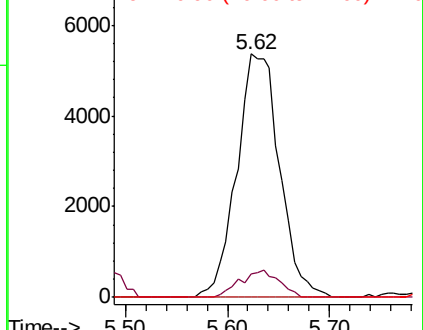
77 0.0 24.7 37.1#



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: 5.996 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016759.D

Acq: 15 Jun 2020 17:18

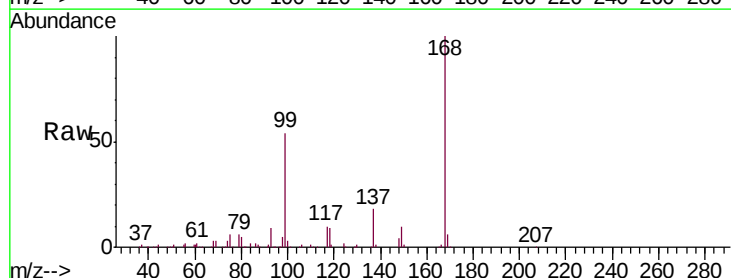
Tgt Ion: 117 Resp: 22336

Ion Ratio Lower Upper

117 100

119 6.1 76.7 115.1#

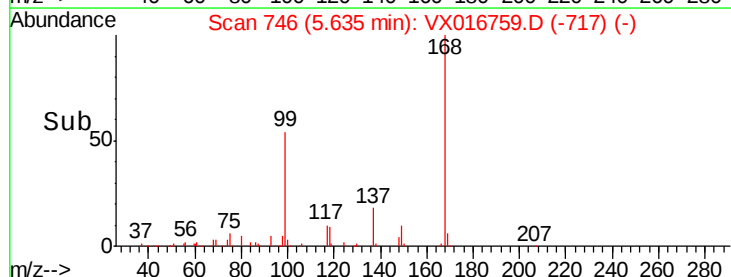
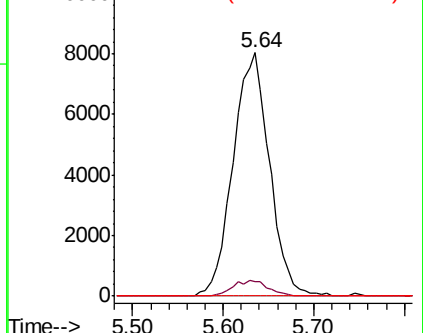
121 0.0 24.7 37.1#

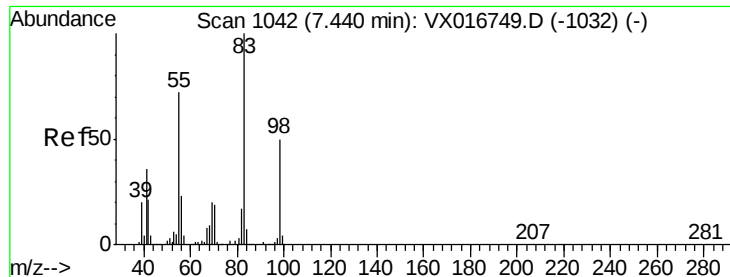


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

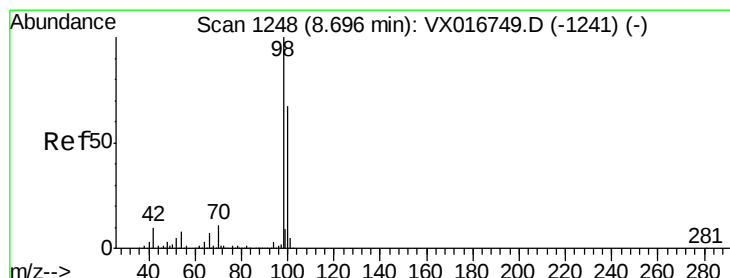
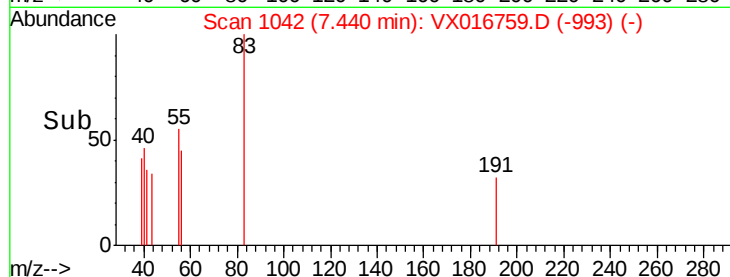
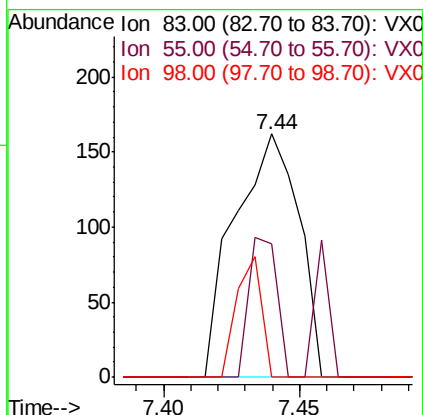
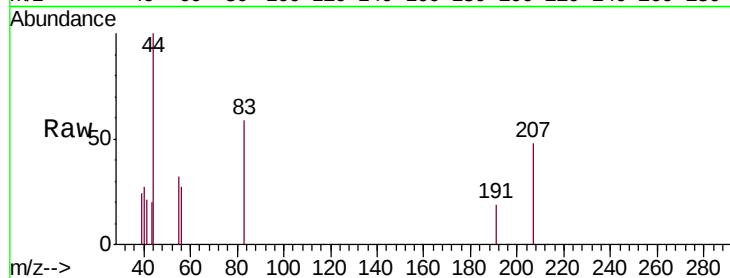




#39
Methylcyclohexane
Concen: 1.021 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016759.D
Acq: 15 Jun 2020 17:18

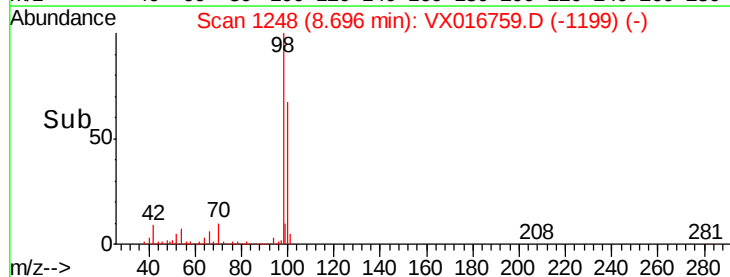
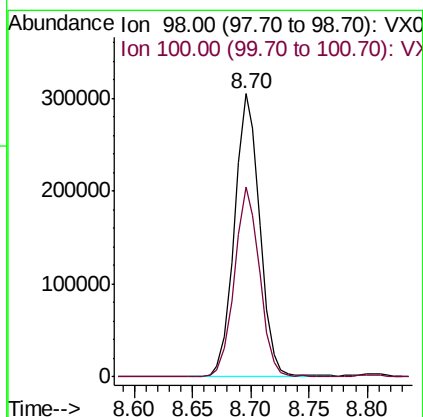
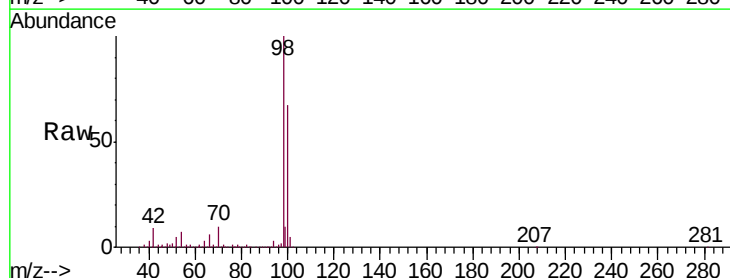
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

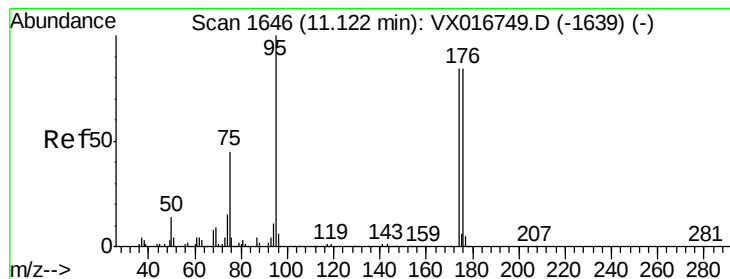
Tgt Ion: 83 Resp: 264
Ion Ratio Lower Upper
83 100
55 54.9 57.3 85.9#
98 0.0 40.3 60.5#



#50
Toluene-d8
Concen: 54.847 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016759.D
Acq: 15 Jun 2020 17:18

Tgt Ion: 98 Resp: 463139
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9





#62

4-Bromofluorobenzene

Concen: 57.794 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016759.D

Acq: 15 Jun 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

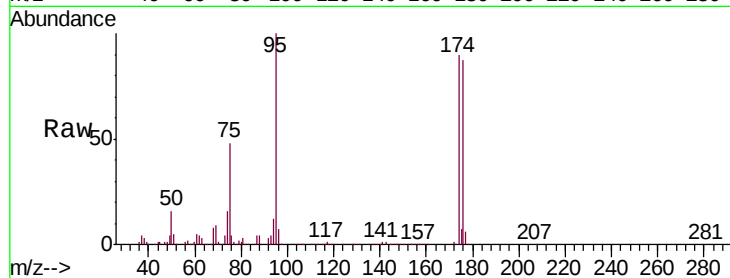
Tgt Ion: 95 Resp: 186672

Ion Ratio Lower Upper

95 100

174 88.9 0.0 171.0

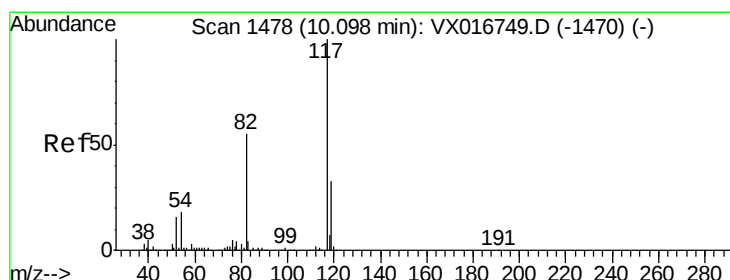
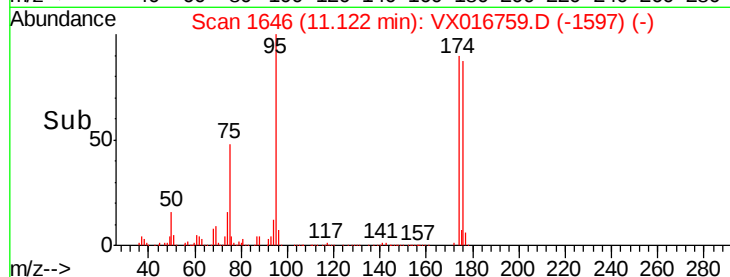
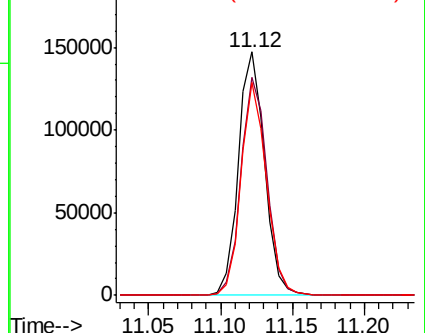
176 84.7 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016759.D

Acq: 15 Jun 2020 17:18

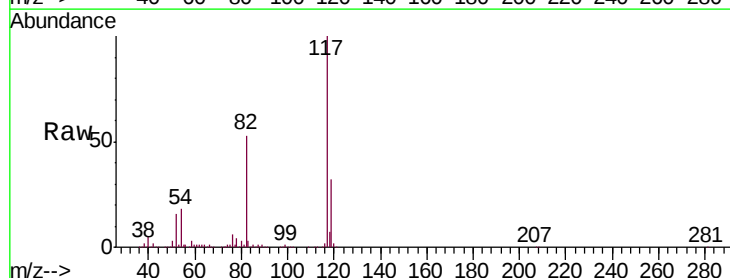
Tgt Ion: 117 Resp: 383073

Ion Ratio Lower Upper

117 100

82 53.2 43.8 65.6

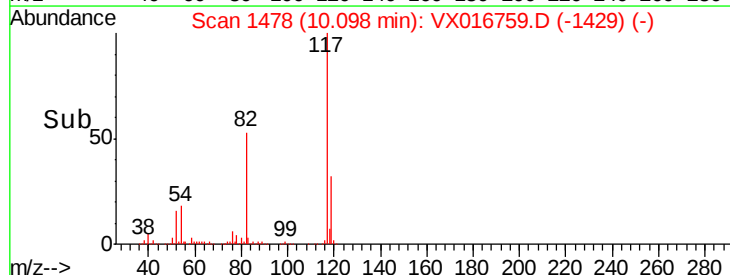
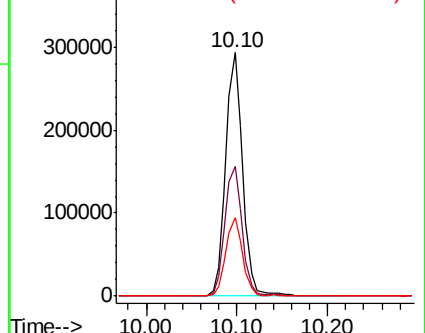
119 32.4 26.2 39.4

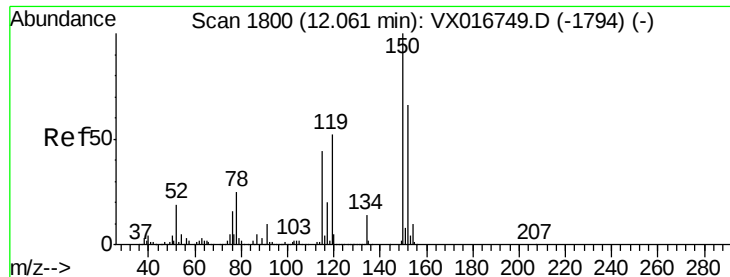


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX016759.D

Acq: 15 Jun 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

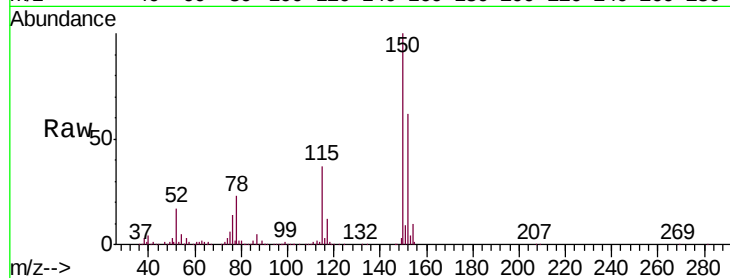
Tgt Ion: 152 Resp: 197067

Ion Ratio Lower Upper

152 100

115 58.2 40.3 120.8

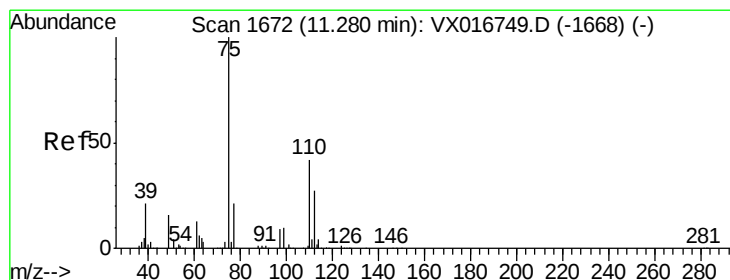
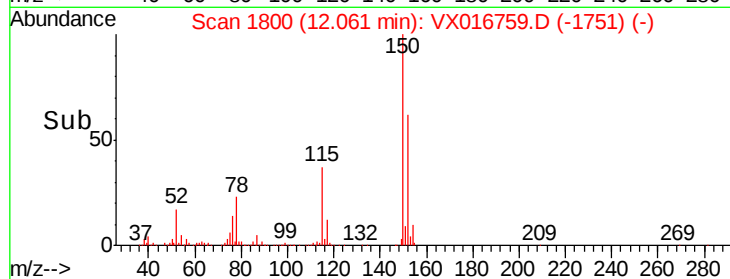
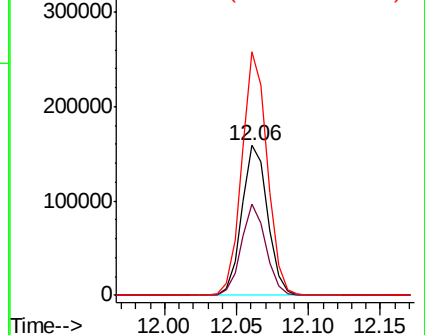
150 159.5 0.0 337.4



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: 21.692 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016759.D

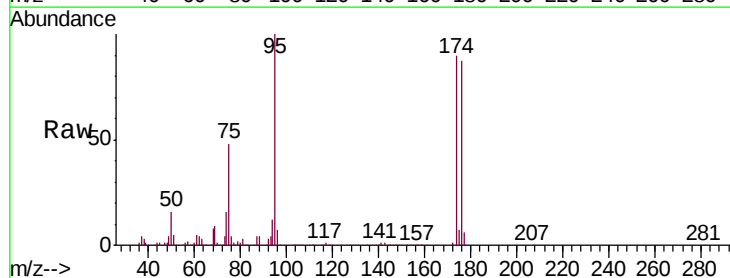
Acq: 15 Jun 2020 17:18

Tgt Ion: 75 Resp: 89897

Ion Ratio Lower Upper

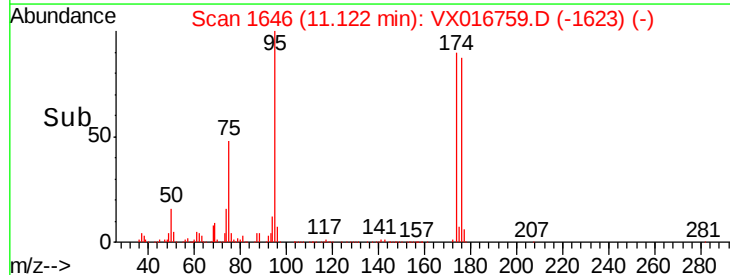
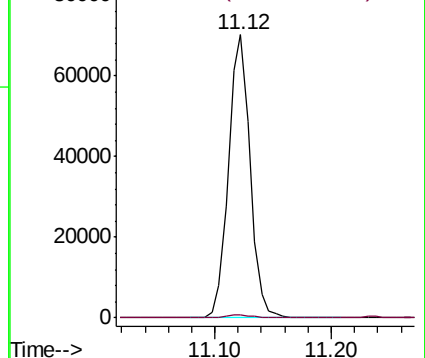
75 100

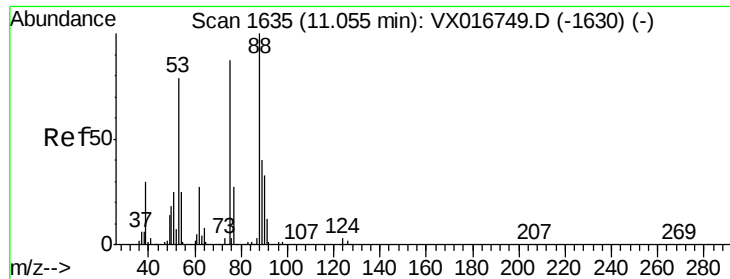
77 1.4 20.3 60.9#



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: 54.609 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX016759.D

Acq: 15 Jun 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

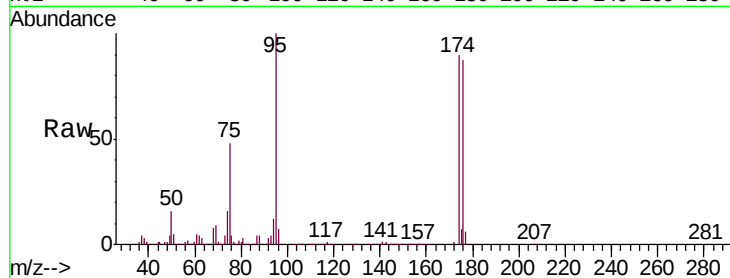
Tgt Ion: 75 Resp: 89897

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.0#

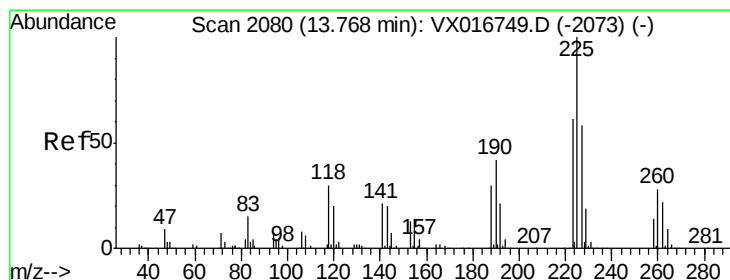
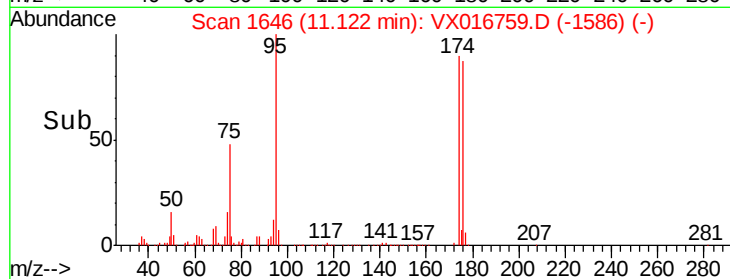
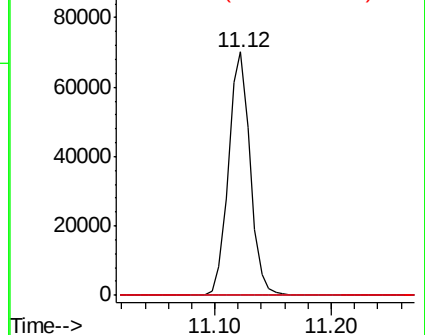
89 0.0 39.1 58.7#



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



#94

Hexachlorobutadiene

Concen: 0.573 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016759.D

Acq: 15 Jun 2020 17:18

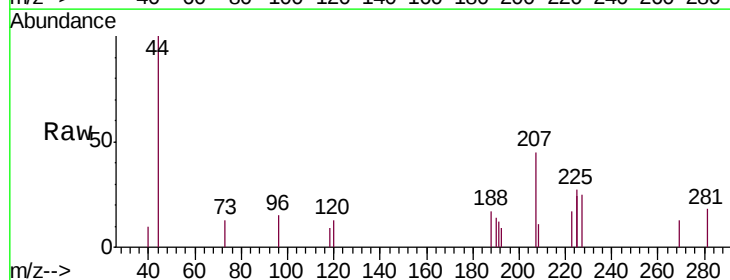
Tgt Ion: 225 Resp: 305

Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.5

227 72.5 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

