

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061220\
 Data File : VX016730.D
 Acq On : 12 Jun 2020 15:55
 Operator : JC/SP
 Sample : L3004-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 04:30:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	233978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	365778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	375153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186806	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	139907	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
35) Dibromofluoromethane	5.47	113	117351	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
50) Toluene-d8	8.70	98	452651	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.12	95	178889	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	

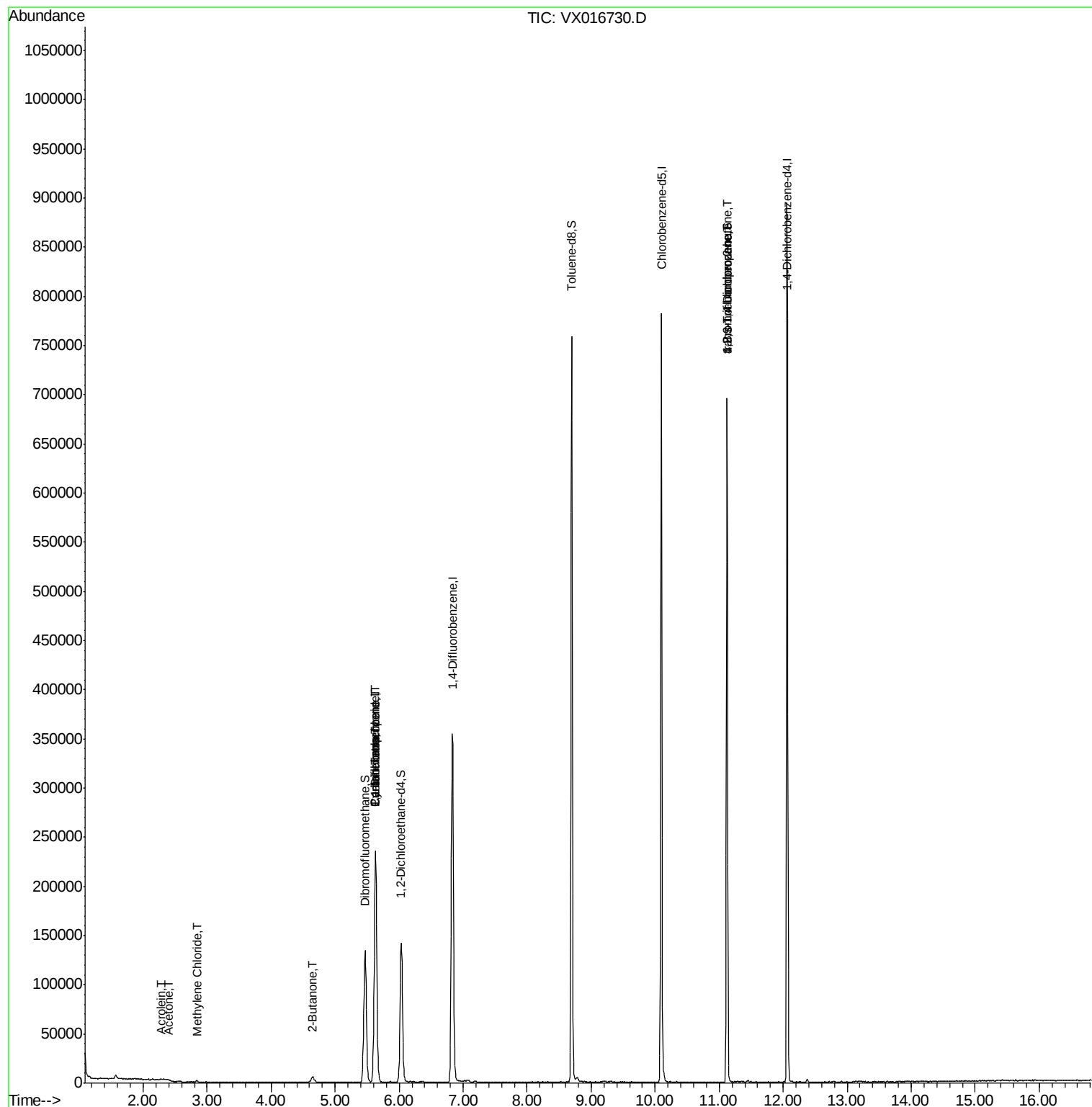
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.28	56	114	0.360	ug/l	92
16) Acetone	2.41	43	697	0.548	ug/l	98
20) Methylene Chloride	2.84	84	993	0.377	ug/l	91
25) 2-Butanone	4.64	43	510	0.236	ug/l #	49
31) Cyclohexane	5.63	56	3932	0.974	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15855	4.578	ug/l #	52
38) Carbon Tetrachloride	5.63	117	21474	5.900	ug/l #	18
76) 1,2,3-Trichloropropane	11.12	75	84573	20.597	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	84573	50.665	ug/l #	14

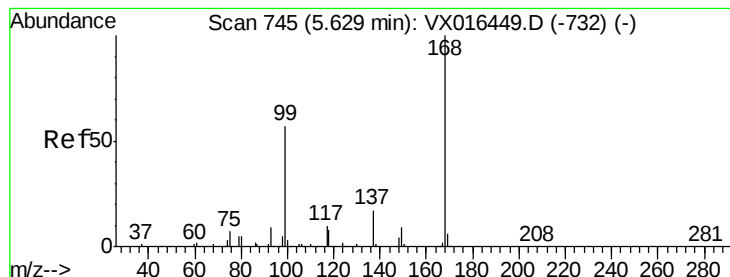
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061220\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

Instrument :

MSVOA_X

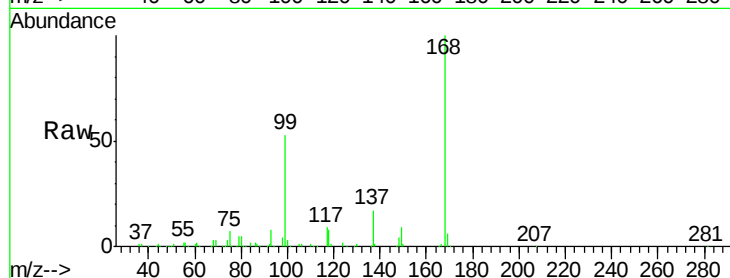
ClientSampled :

Tot Ion:168 Resp: 233978

Ion Ratio Lower Upper

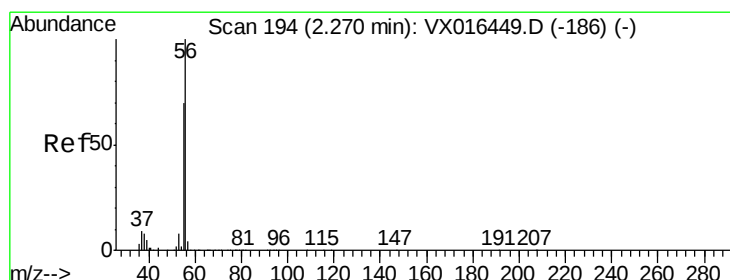
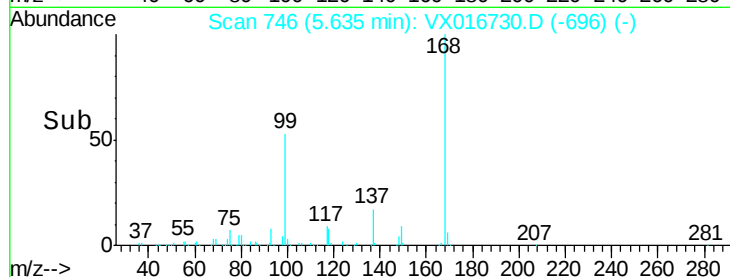
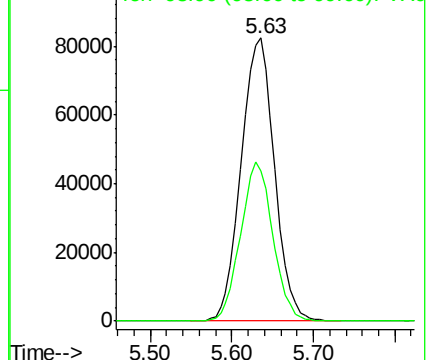
168 100

99 53.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#13

Acrolein

Concen: 0.360 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016730.D

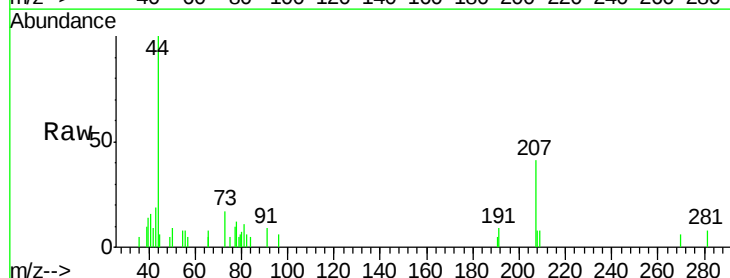
Acq: 12 Jun 2020 15:55

Tgt Ion: 56 Resp: 114

Ion Ratio Lower Upper

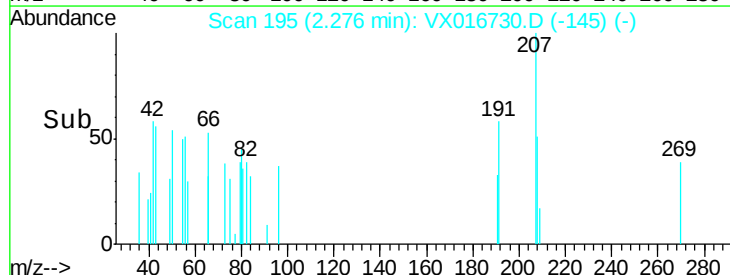
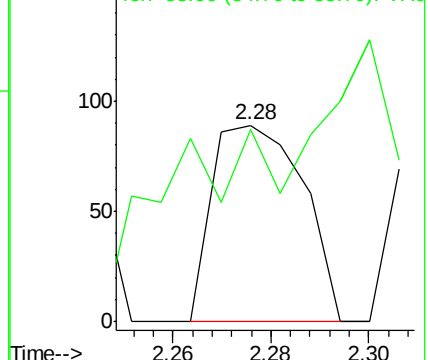
56 100

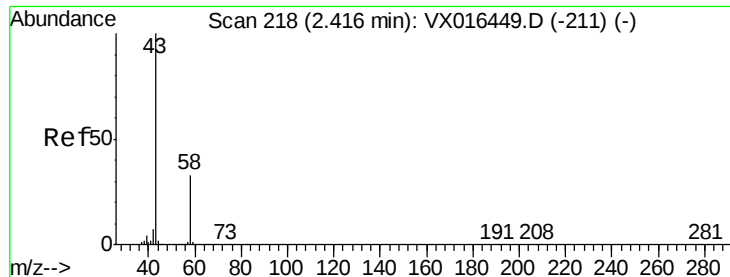
55 79.8 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.548 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

Instrument :

MSVOA_X

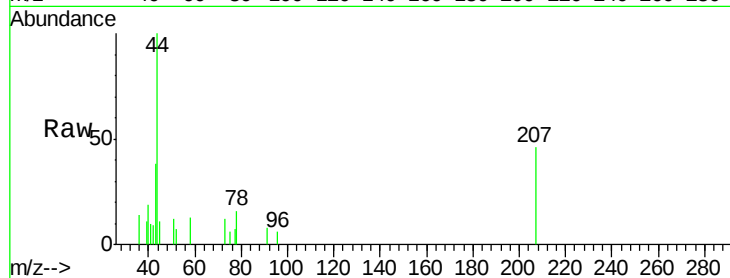
ClientSampleId :

Tot Ion: 43 Resp: 697

Ion Ratio Lower Upper

43 100

58 33.9 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.41

300

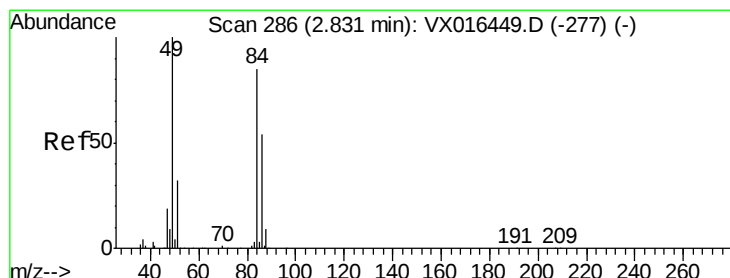
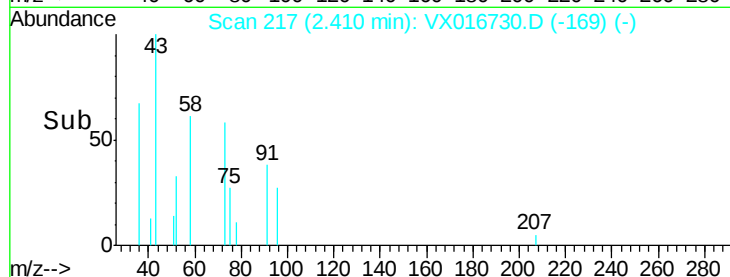
200

100

0

2.40 2.45

Time-->



#20

Methylene Chloride

Concen: 0.377 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

Tgt Ion: 84 Resp: 993

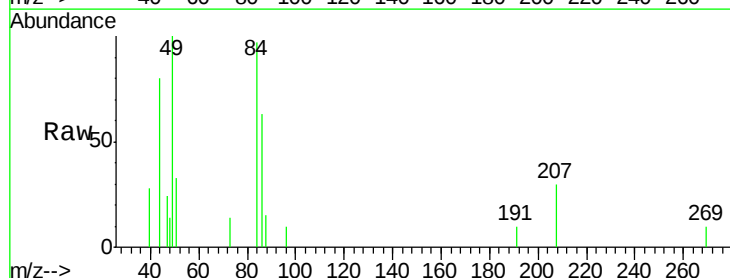
Ion Ratio Lower Upper

84 100

49 103.5 94.5 141.7

51 34.4 30.2 45.4

86 65.2 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

800

600

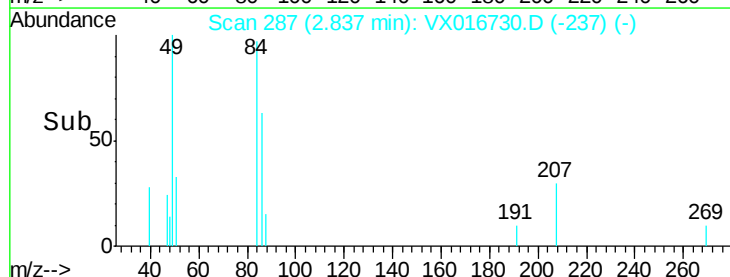
400

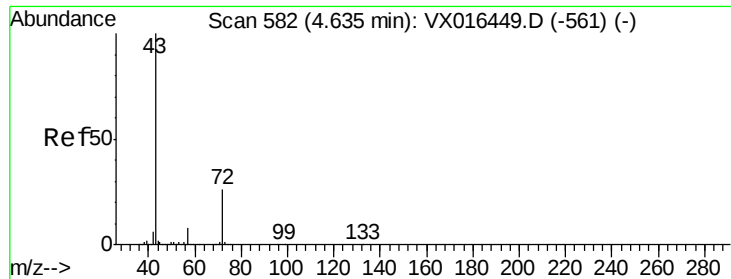
200

0

2.80 2.85

Time-->

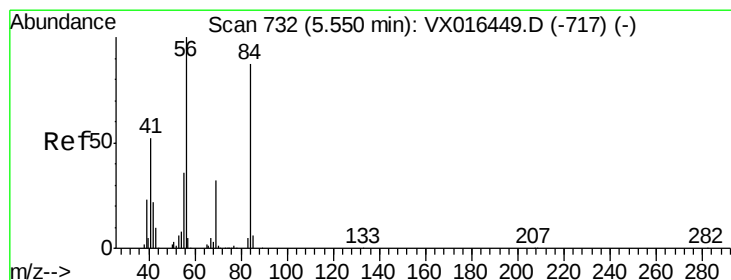
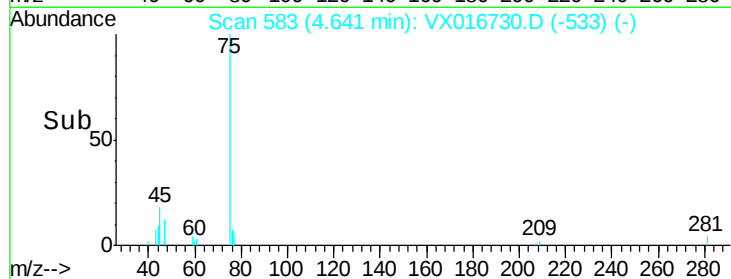
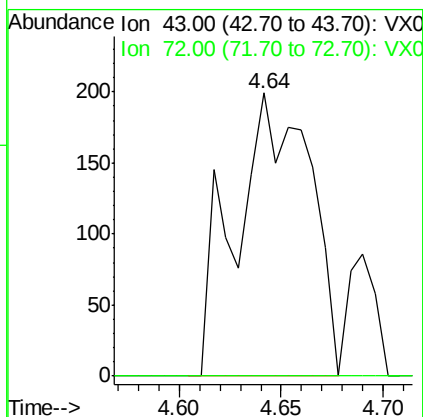
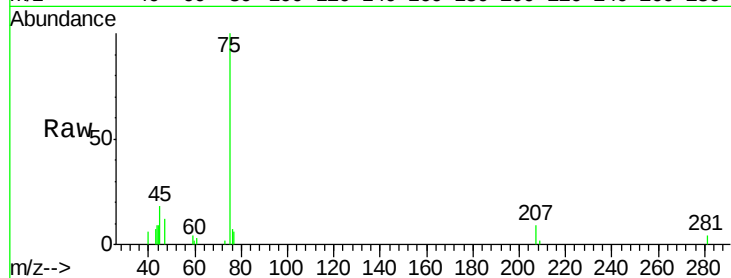




#25
2-Butanone
Concen: 0.236 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016730.D
Acq: 12 Jun 2020 15:55

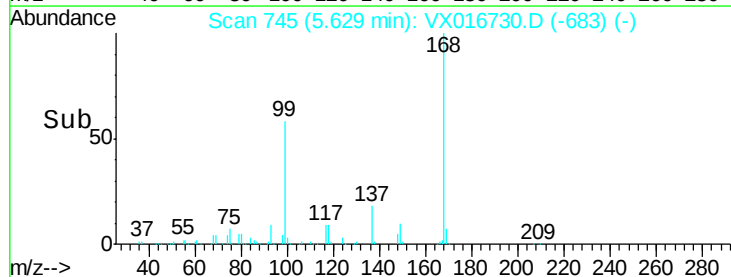
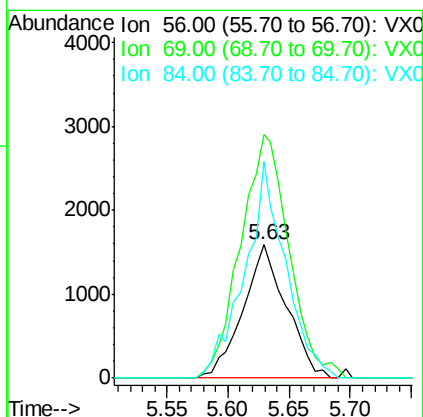
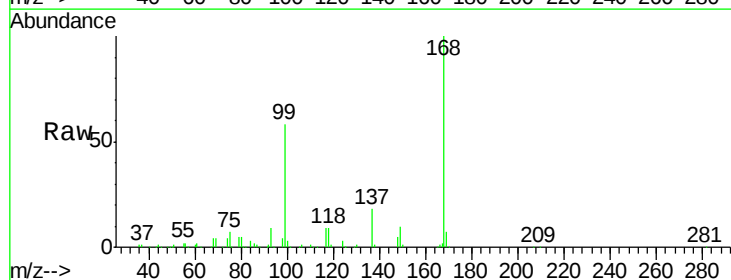
Instrument :
MSVOA_X
ClientSampleId :

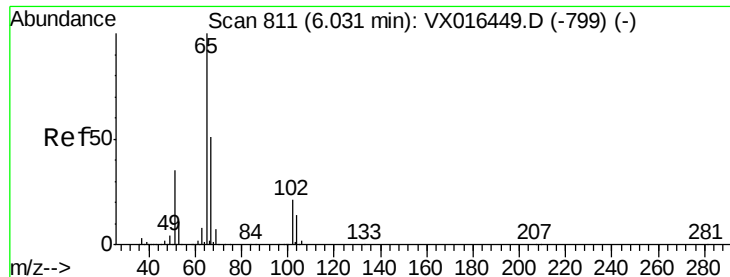
Tot Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#31
Cyclohexane
Concen: 0.974 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016730.D
Acq: 12 Jun 2020 15:55

Tgt Ion: 56 Resp: 3932
Ion Ratio Lower Upper
56 100
69 182.9 25.7 38.5#
84 163.1 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 48.149 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

Instrument :

MSVOA_X

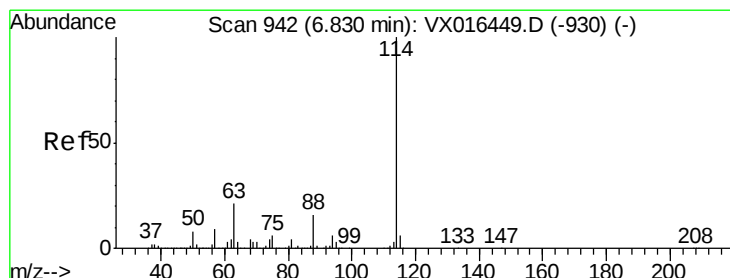
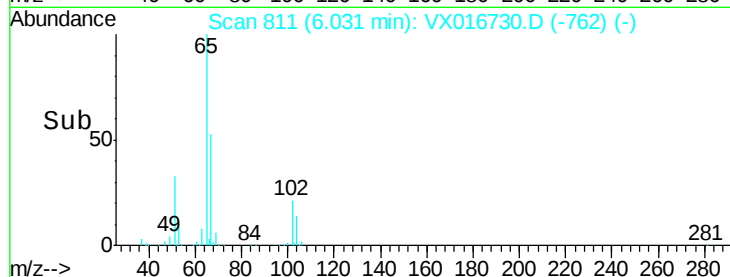
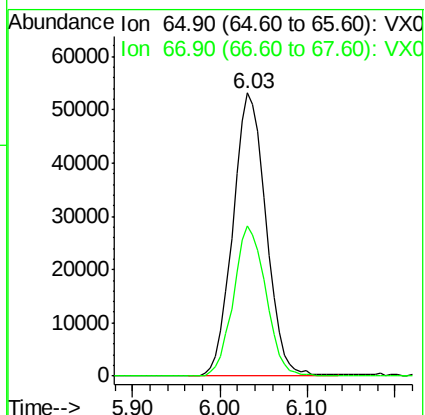
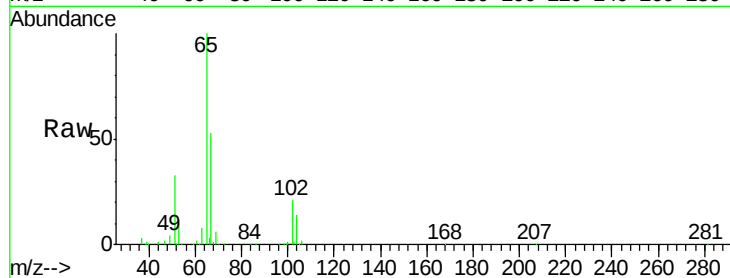
ClientSampleId :

Tot Ion: 65 Resp: 139907

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

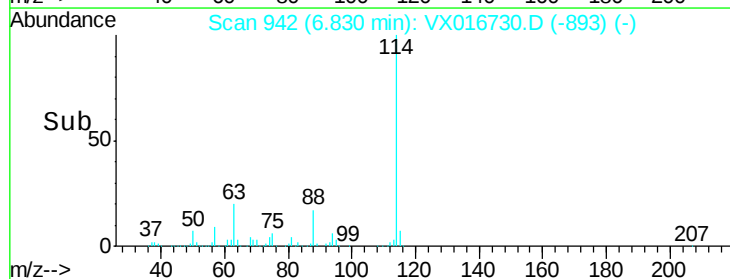
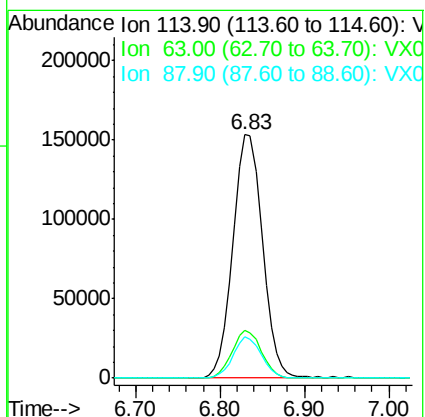
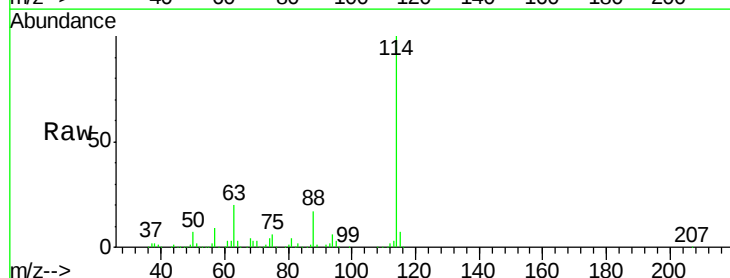
Tgt Ion: 114 Resp: 365778

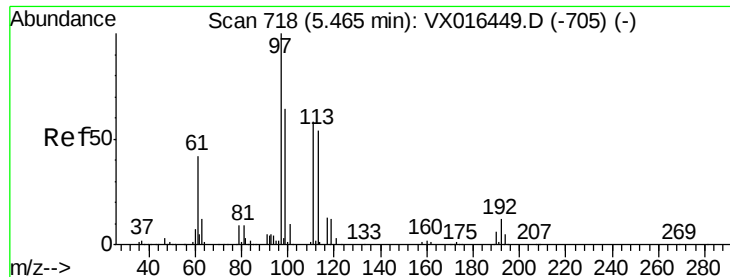
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 17.0 0.0 32.8

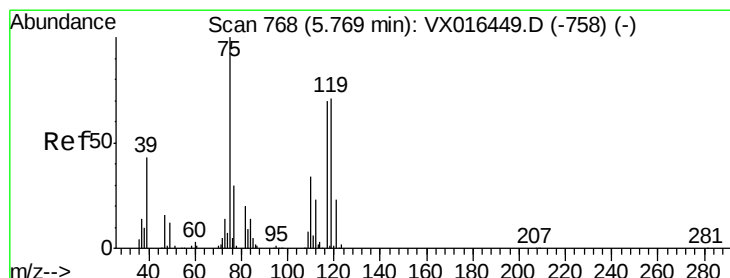
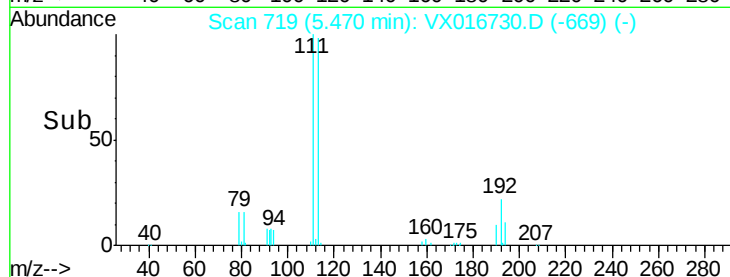
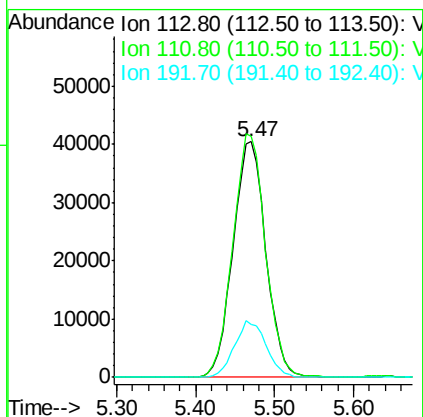
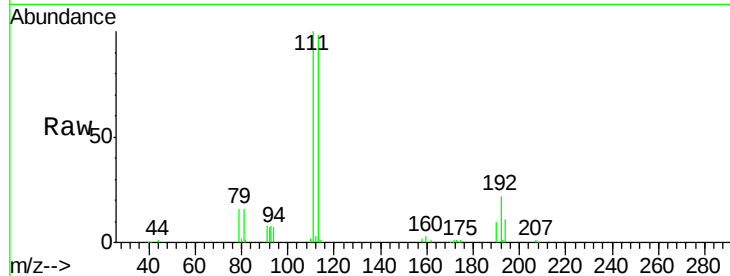




#35
 Dibromofluoromethane
 Concen: 52.104 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016730.D
 Acq: 12 Jun 2020 15:55

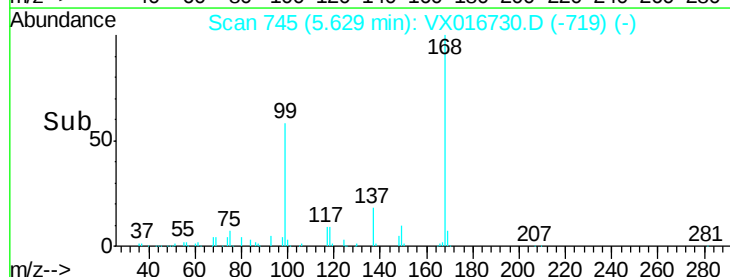
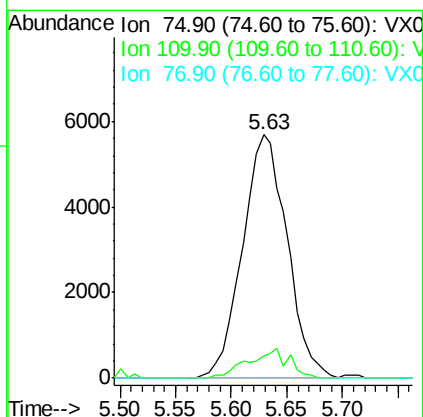
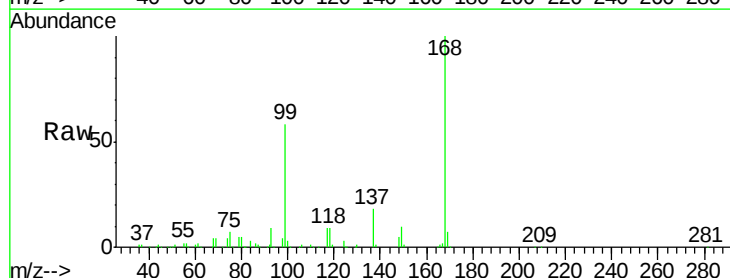
Instrument :
 MSVOA_X
 ClientSampled :

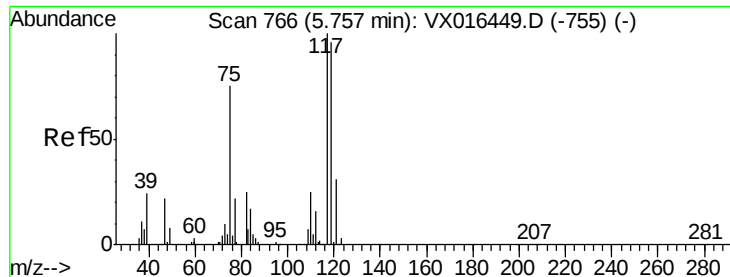
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.6
192	23.3	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 4.578 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016730.D
 Acq: 12 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.4	52.3#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.900 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

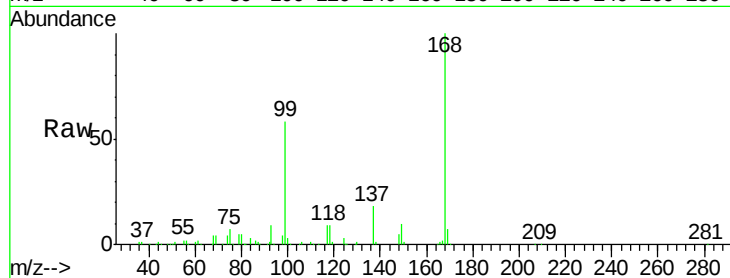
Tot Ion:117 Resp: 21474

Ion Ratio Lower Upper

117 100

119 7.6 76.3 114.5#

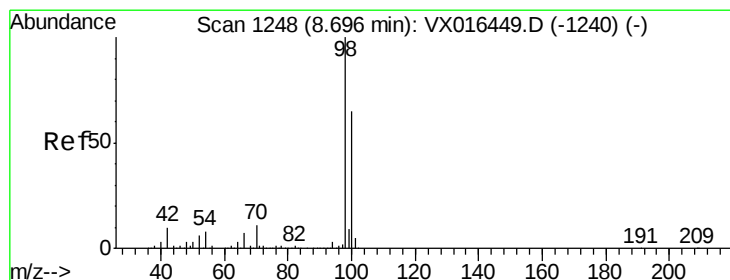
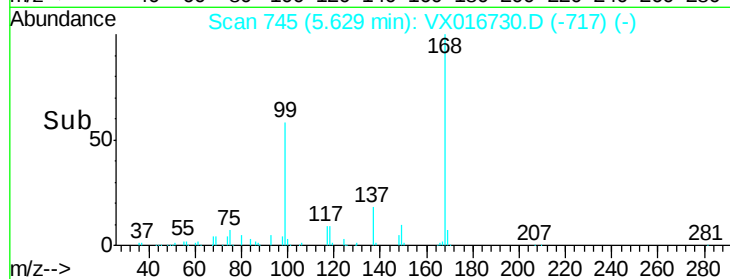
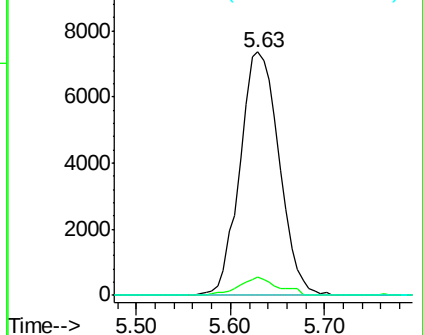
121 0.0 24.6 37.0#



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



#50

Toluene-d8

Concen: 51.635 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016730.D

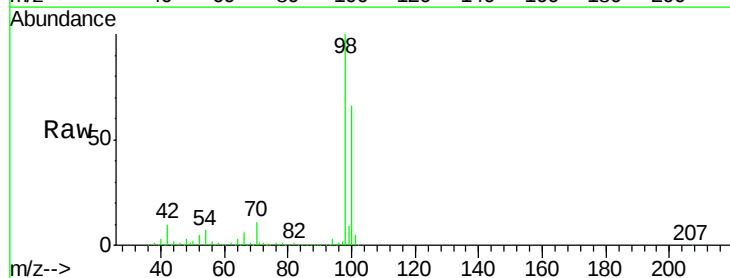
Acq: 12 Jun 2020 15:55

Tgt Ion: 98 Resp: 452651

Ion Ratio Lower Upper

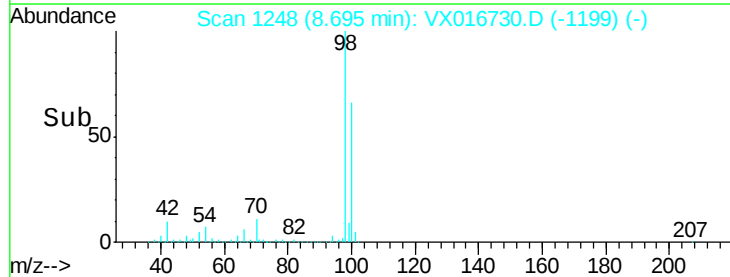
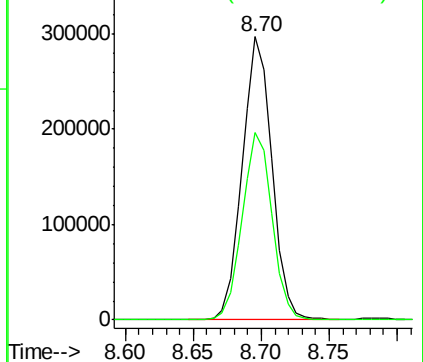
98 100

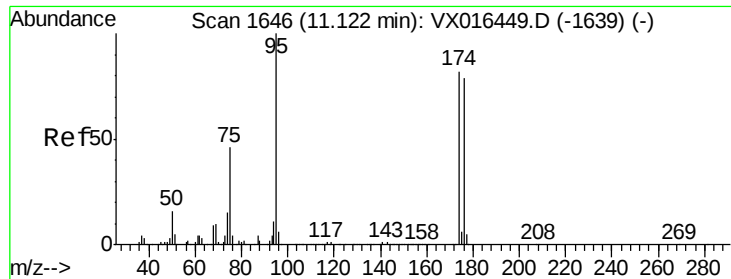
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.812 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

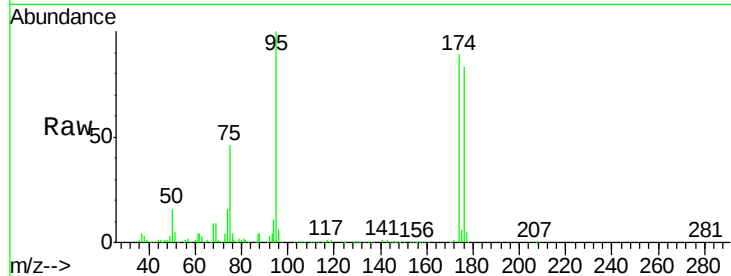
Tot Ion: 95 Resp: 178889

Ion Ratio Lower Upper

95 100

174 86.6 0.0 163.0

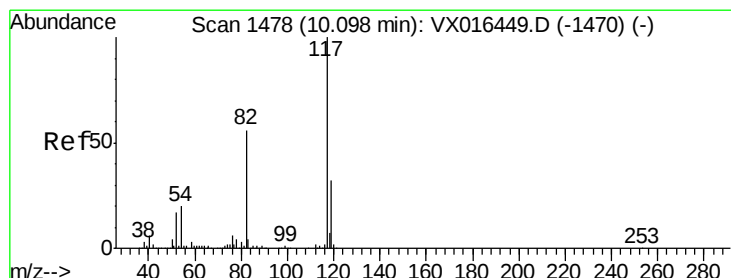
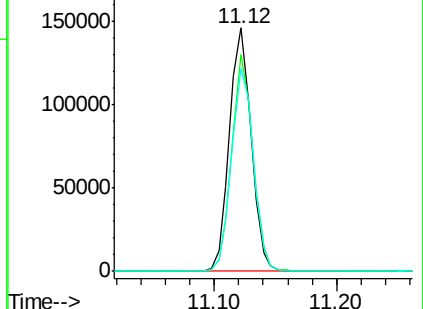
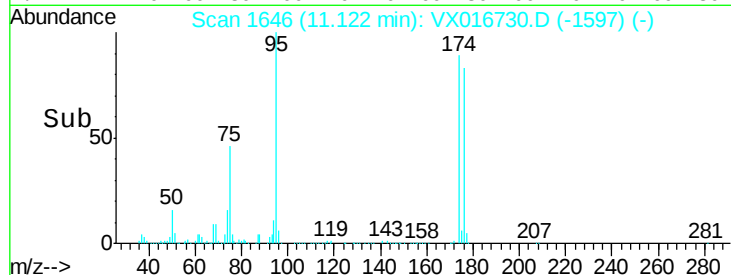
176 83.9 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016730.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016730.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016730.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

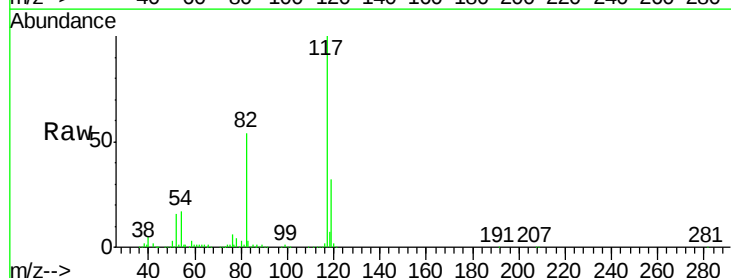
Tgt Ion: 117 Resp: 375153

Ion Ratio Lower Upper

117 100

82 53.5 45.0 67.6

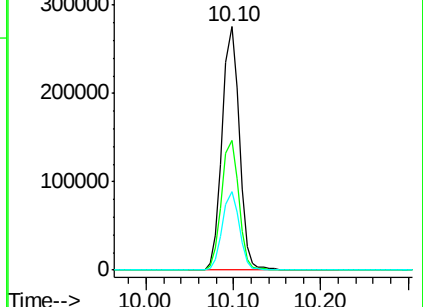
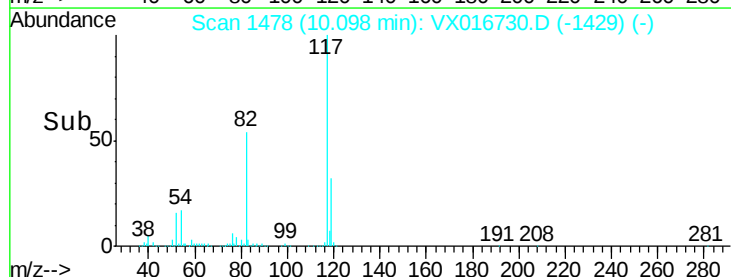
119 32.2 25.8 38.8

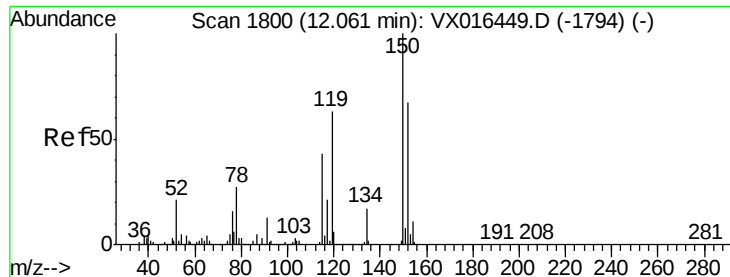


Abundance Ion 116.90 (116.60 to 117.60): VX016730.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016730.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016730.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

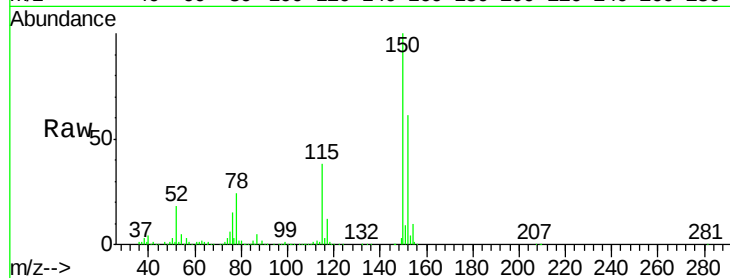
Tot Ion:152 Resp: 186806

Ion Ratio Lower Upper

152 100

115 59.0 39.9 119.6

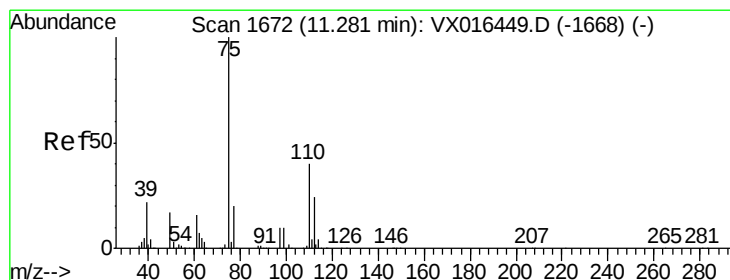
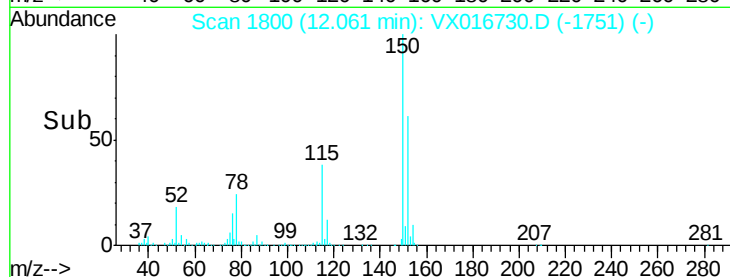
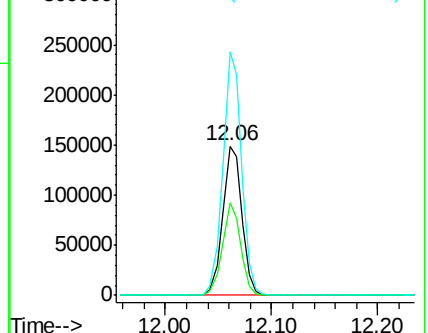
150 158.8 0.0 341.0



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: 20.597 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016730.D

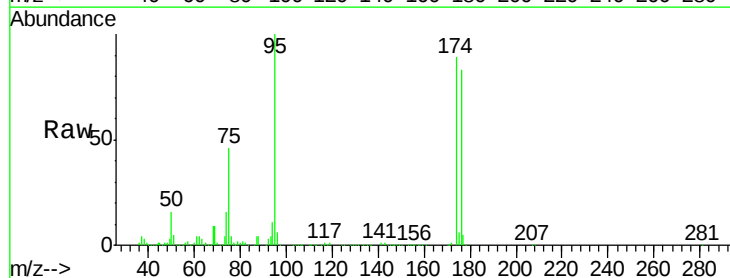
Acq: 12 Jun 2020 15:55

Tgt Ion: 75 Resp: 84573

Ion Ratio Lower Upper

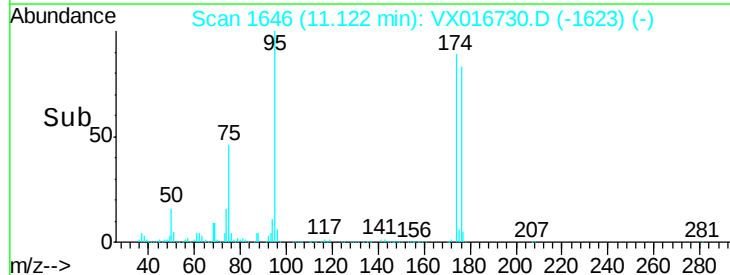
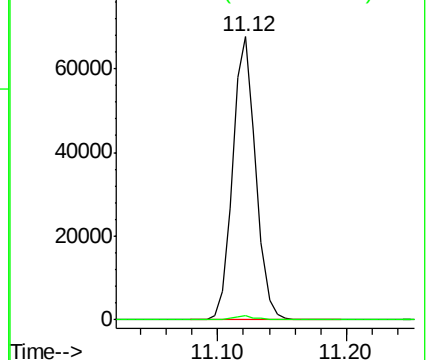
75 100

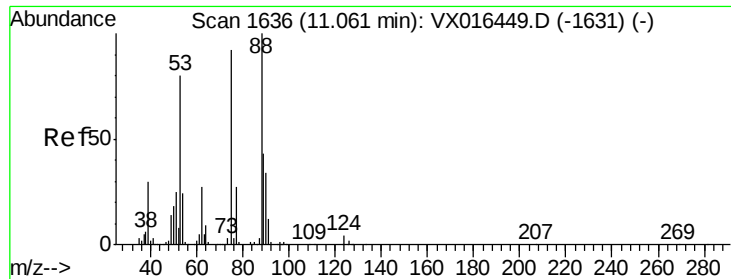
77 1.3 21.3 63.7#



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: 50.665 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016730.D
 Acq: 12 Jun 2020 15:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 84573
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.3 106.9#
 89 0.0 36.6 55.0#

