

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016005.D
 Acq On : 01 May 2020 12:18
 Operator : JC/SP
 Sample : VX0501WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBL02

Quant Time: May 02 06:58:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	286801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	432390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213245	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	177773	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
35) Dibromofluoromethane	5.46	113	136502	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
50) Toluene-d8	8.70	98	557030	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.12	95	216388	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	

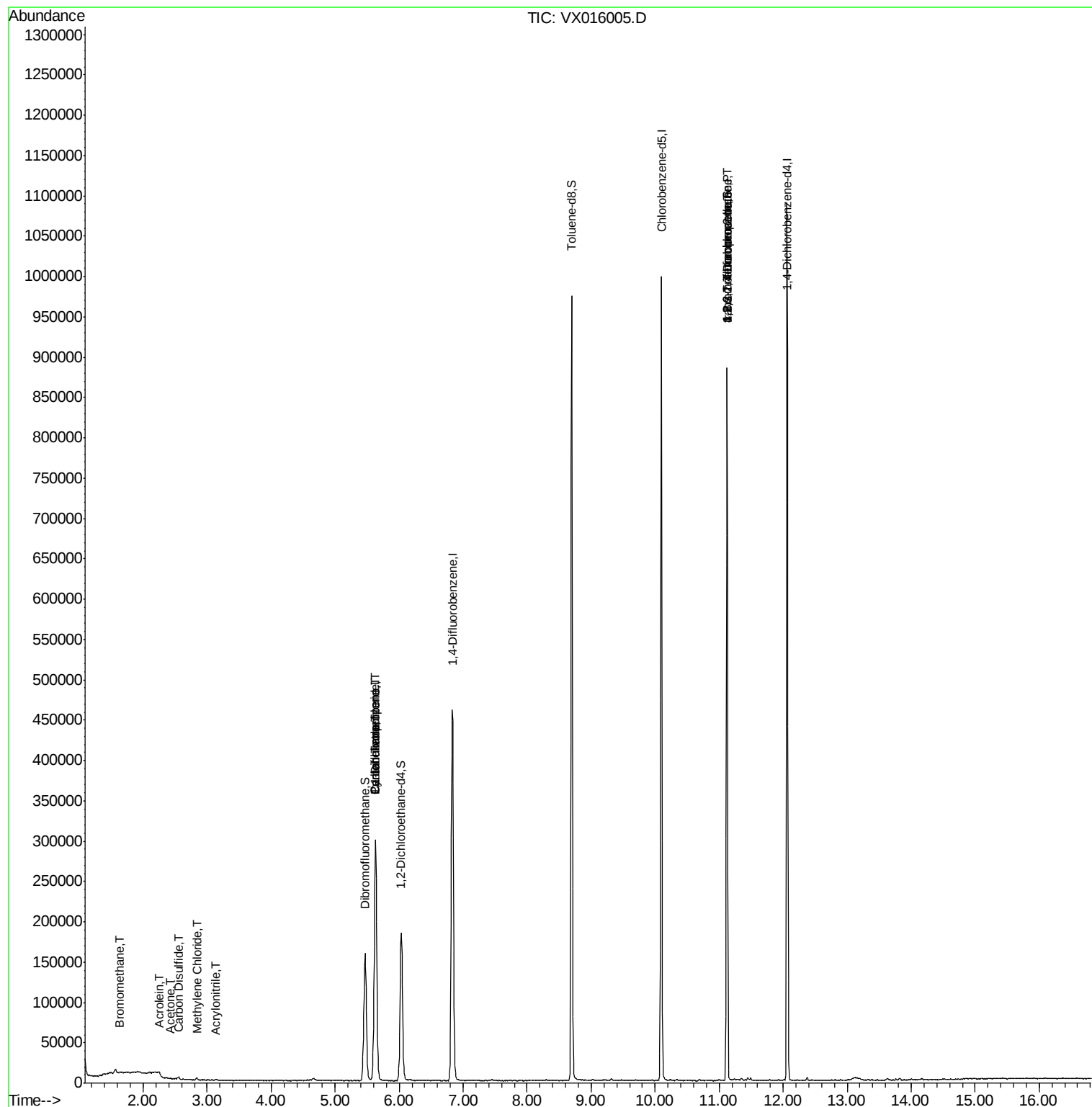
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	544	0.229	ug/l	91
13) Acrolein	2.26	56	767	3.353	ug/l #	14
15) Acrylonitrile	3.12	53	648	0.359	ug/l #	86
16) Acetone	2.42	43	1089	0.679	ug/l #	77
17) Carbon Disulfide	2.56	76	3701	0.208	ug/l #	81
20) Methylene Chloride	2.84	84	670	0.211	ug/l #	90
31) Cyclohexane	5.63	56	5959	1.235	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22823	5.242	ug/l #	50
38) Carbon Tetrachloride	5.63	117	27867	6.060	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	11.12	83	194	3.754	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	113693	25.408	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	113693	60.044	ug/l #	10

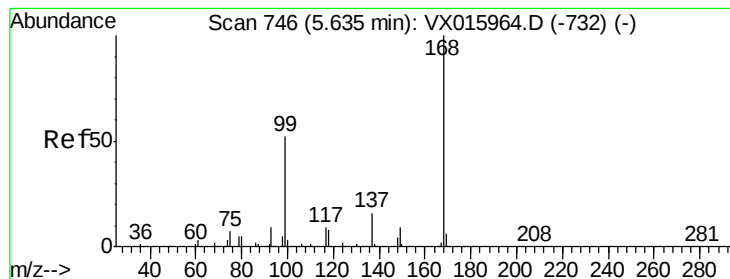
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050120\
Data File : VX016005.D
Acq On : 01 May 2020 12:18
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

Quant Time: May 02 06:58:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
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: VX016005.D

Acq: 01 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

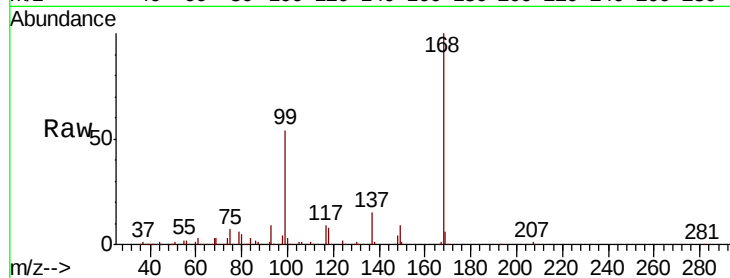
VX0501WBL02

Tot Ion:168 Resp: 286801

Ion Ratio Lower Upper

168 100

99 53.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

60000

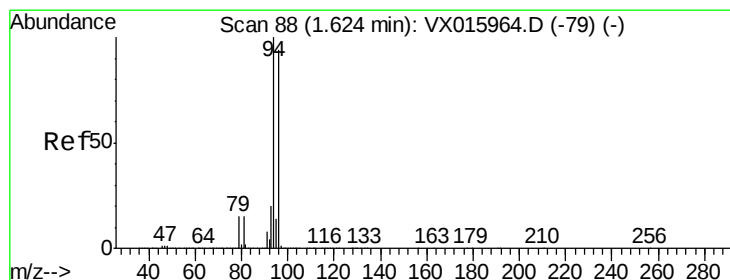
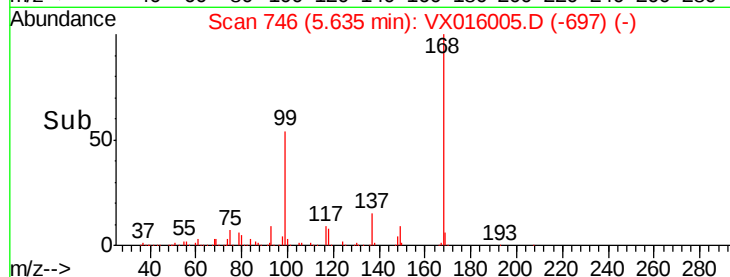
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.229 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016005.D

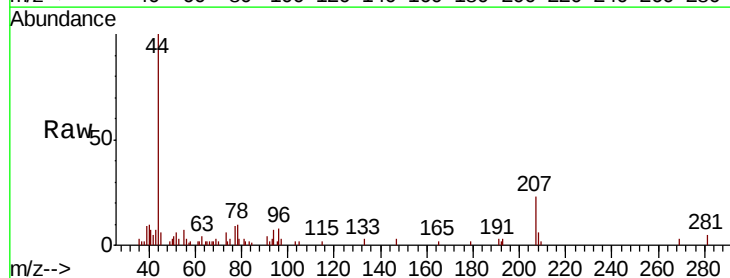
Acq: 01 May 2020 12:18

Tgt Ion: 94 Resp: 544

Ion Ratio Lower Upper

94 100

96 102.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

300

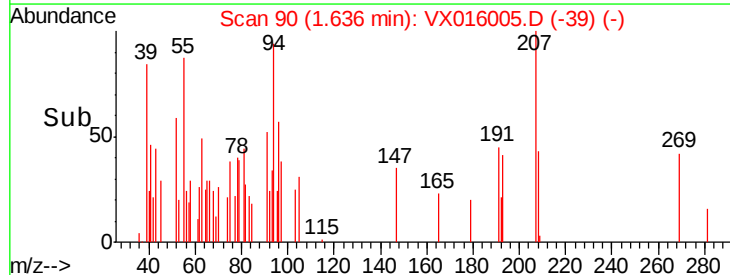
200

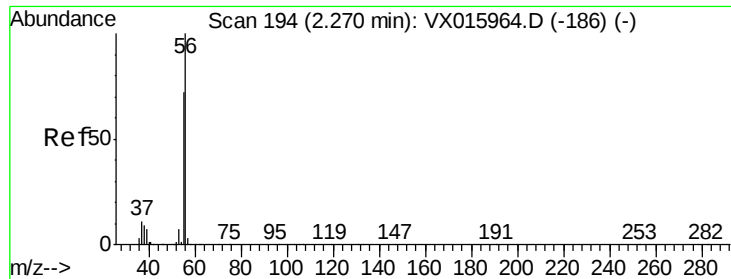
100

0

Time-->

1.60 1.65 1.70





#13

Acrolein

Concen: 3.353 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX016005.D

Acq: 01 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

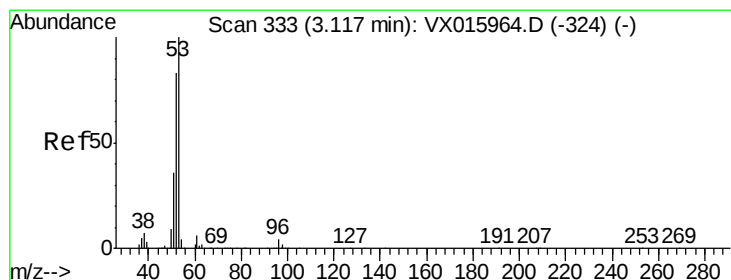
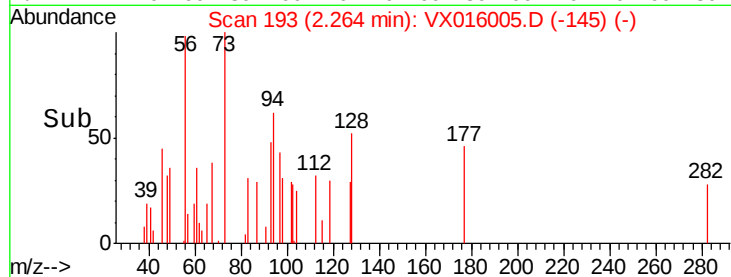
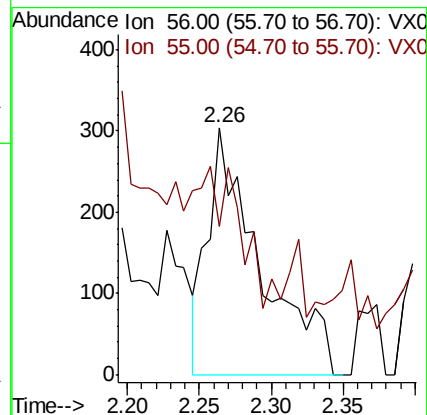
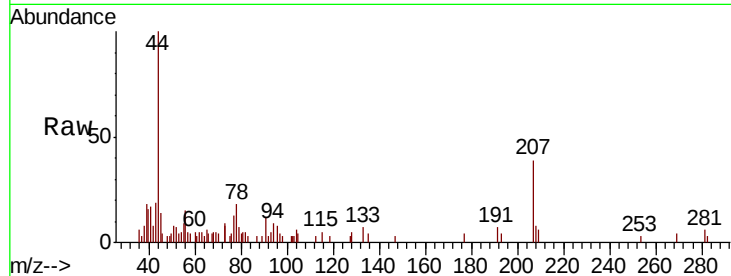
VX0501WBL02

Tot Ion: 56 Resp: 767

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#15

Acrylonitrile

Concen: 0.359 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX016005.D

Acq: 01 May 2020 12:18

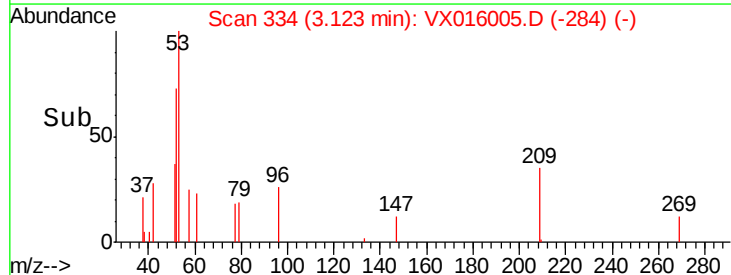
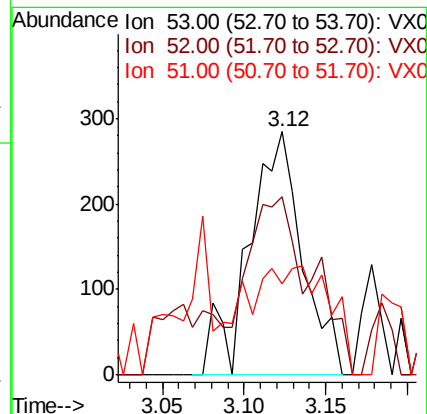
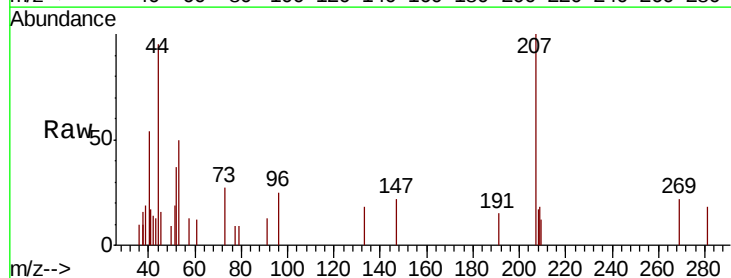
Tgt Ion: 53 Resp: 648

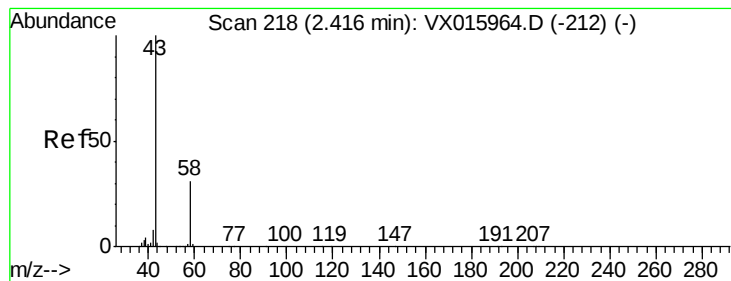
Ion Ratio Lower Upper

53 100

52 84.7 65.5 98.3

51 12.5 28.7 43.1#





#16

Acetone

Concen: 0.679 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016005.D

Acq: 01 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

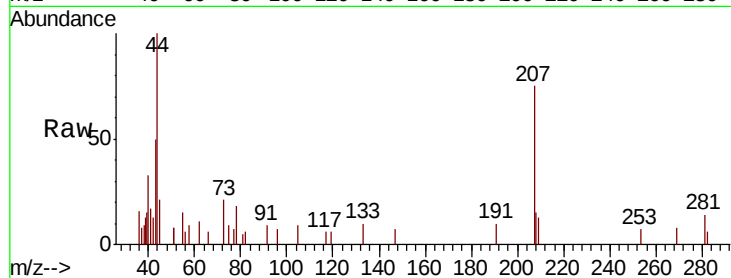
VX0501WBL02

Tot Ion: 43 Resp: 1089

Ion Ratio Lower Upper

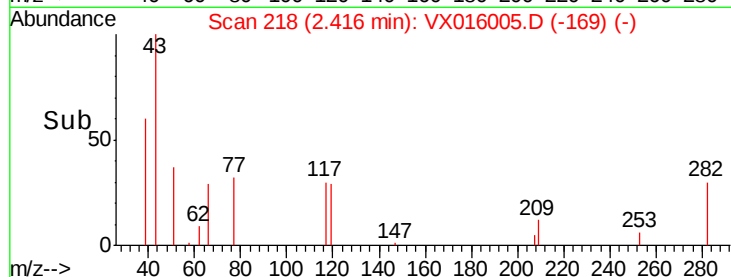
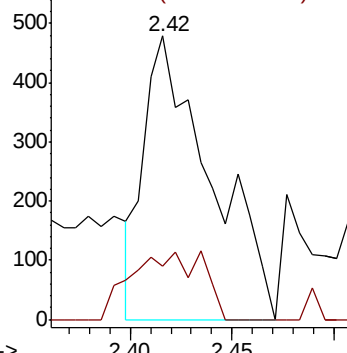
43 100

58 18.8 25.1 37.7#

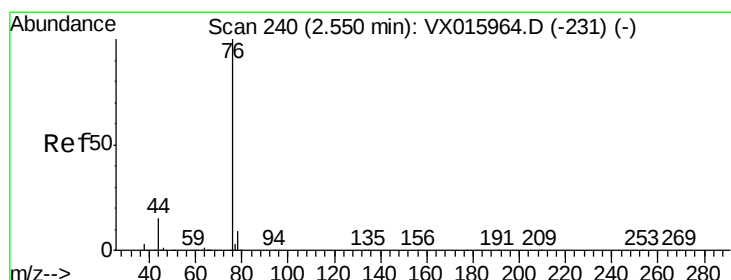


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 0.208 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016005.D

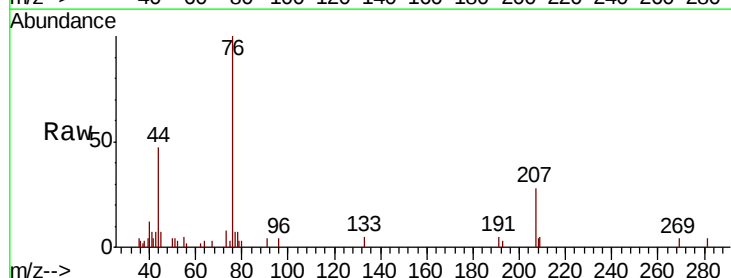
Acq: 01 May 2020 12:18

Tgt Ion: 76 Resp: 3701

Ion Ratio Lower Upper

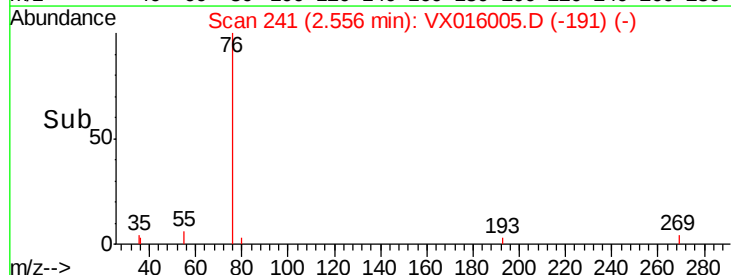
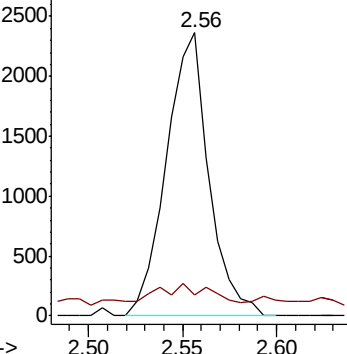
76 100

78 2.3 7.4 11.0#

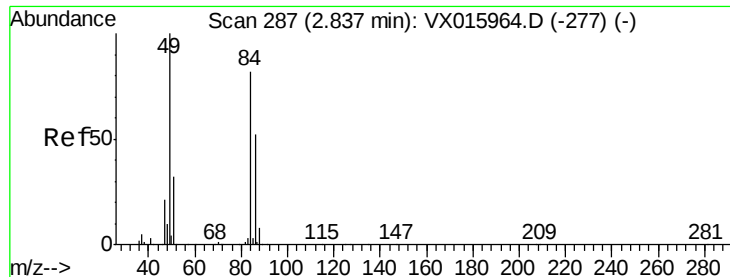


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



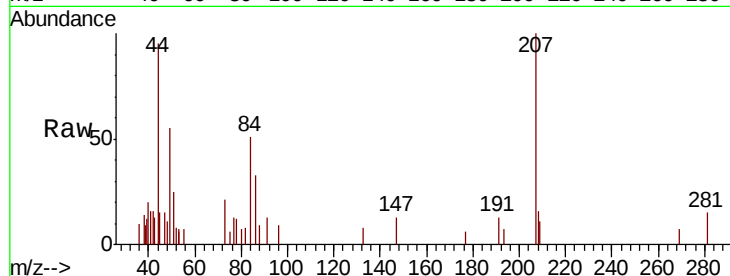
Time-->



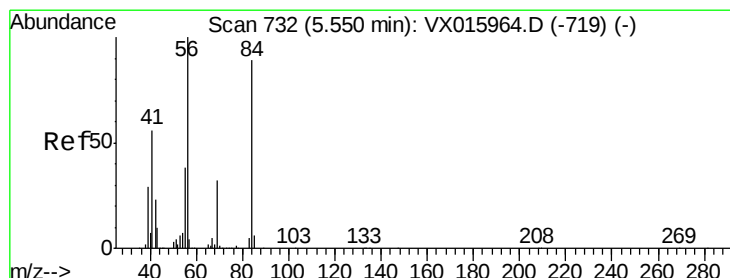
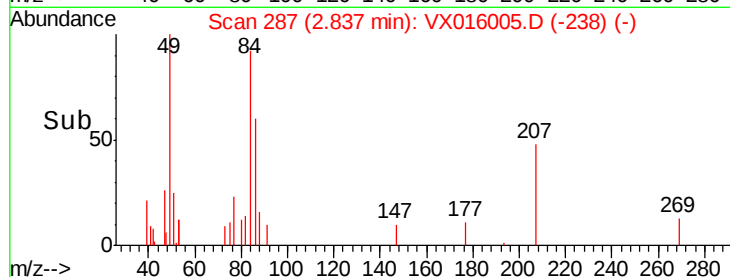
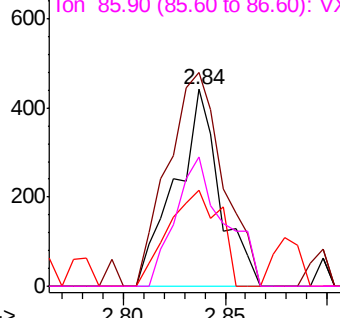
#20
Methvlene Chloride
Concen: 0.211 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016005.D
Acq: 01 May 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

Tot Ion:	84	Resp:	670
Ion	Ratio	Lower	Upper
84	100		
49	108.6	97.9	146.9
51	49.0	31.2	46.8#
86	65.5	50.7	76.1

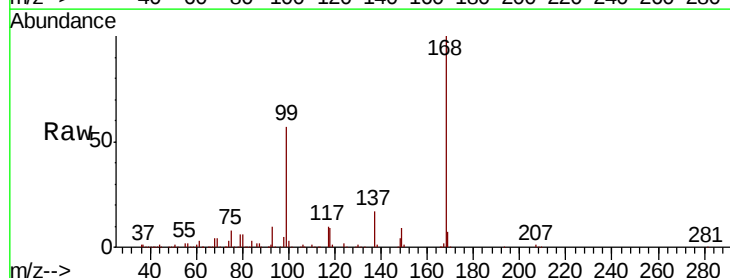


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

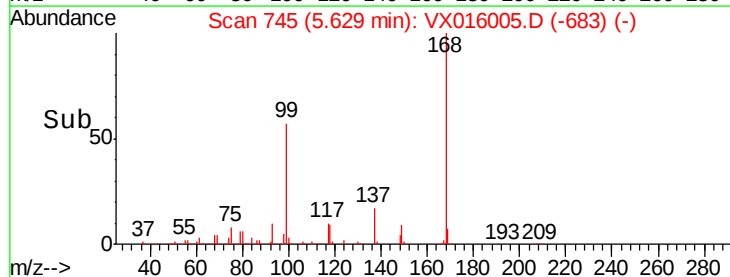
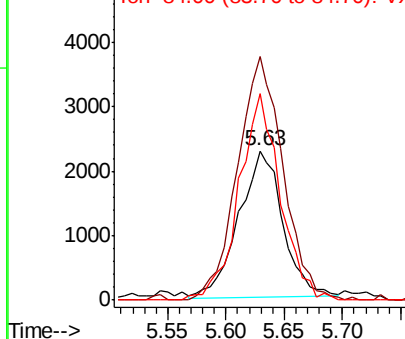


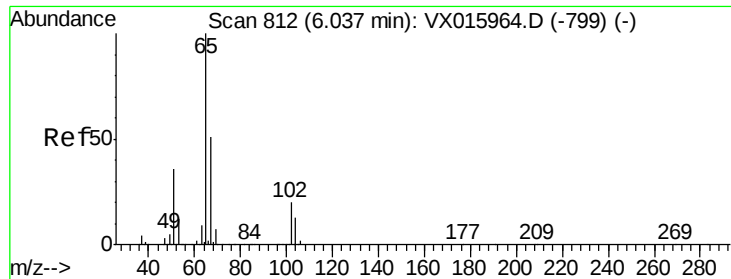
#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016005.D
Acq: 01 May 2020 12:18

Tgt Ion:	56	Resp:	5959
Ion	Ratio	Lower	Upper
56	100		
69	167.8	25.4	38.2#
84	142.4	71.0	106.6#



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

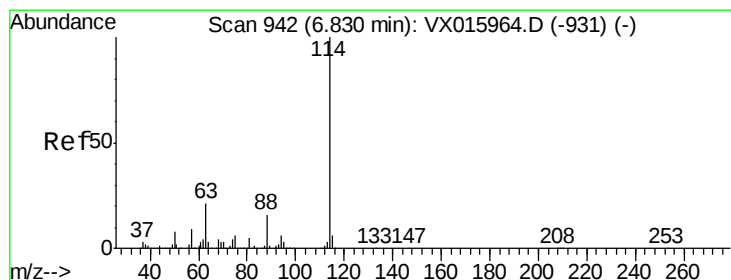
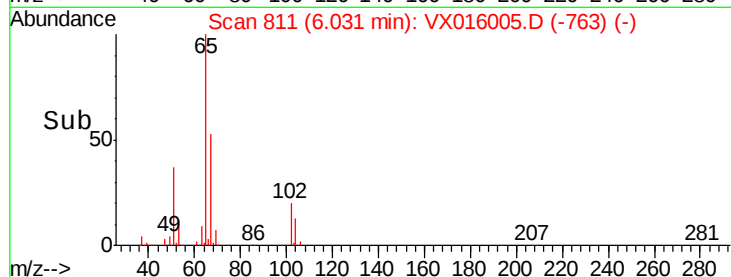
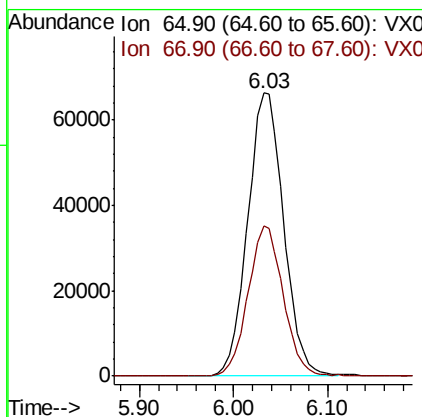
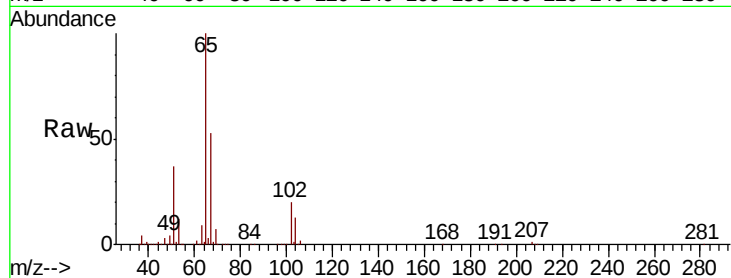




#33
 1,2-Dichloroethane-d4
 Concen: 47.408 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX016005.D
 Acq: 01 May 2020 12:18

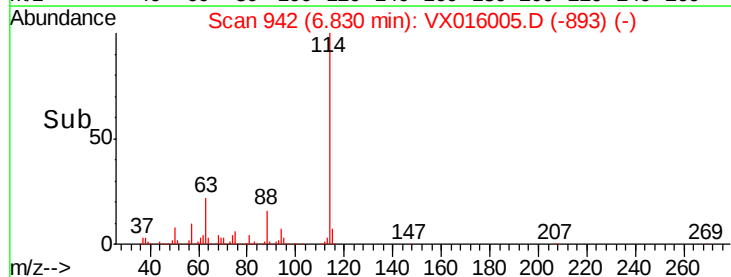
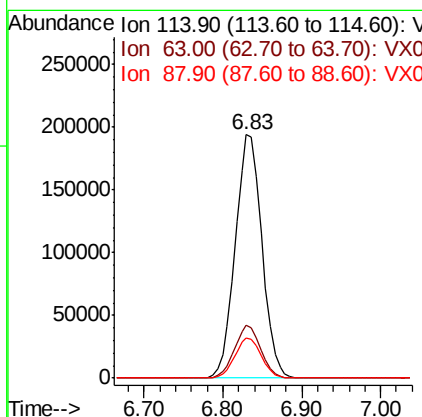
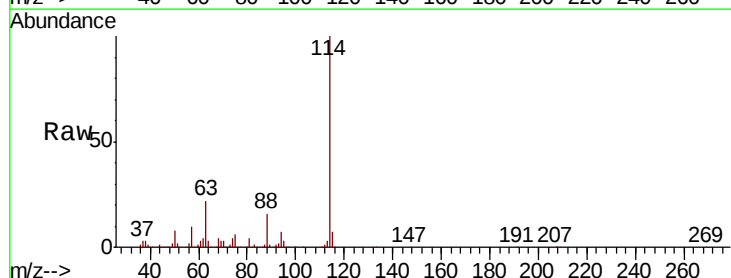
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBL02

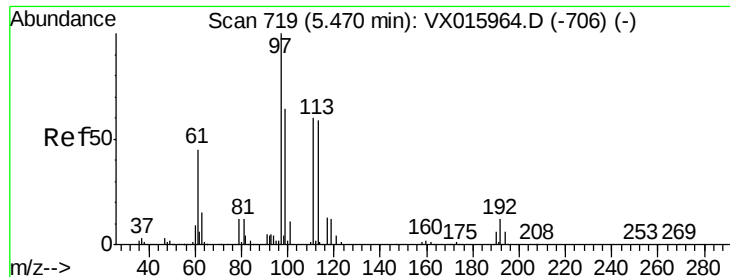
Tot Ion: 65 Resp: 177773
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016005.D
 Acq: 01 May 2020 12:18

Tgt Ion: 114 Resp: 457087
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.2
 88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.873 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016005.D

Acq: 01 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBL02

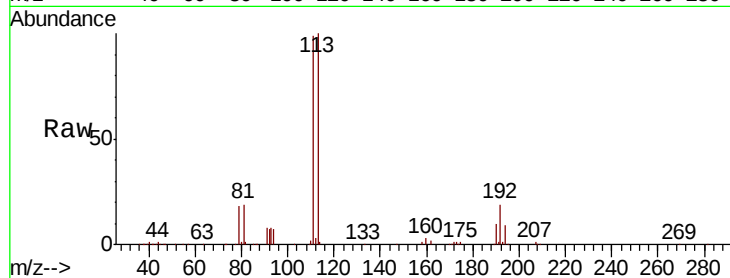
Tot Ion:113 Resp: 136502

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

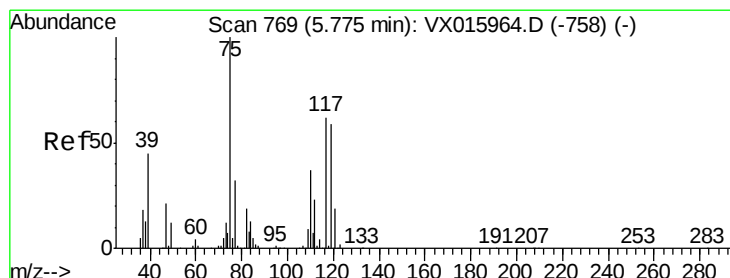
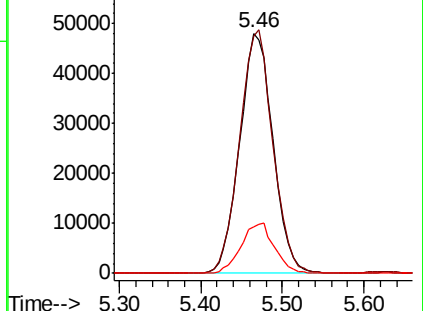
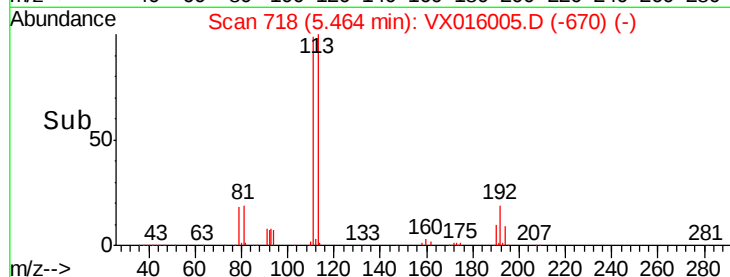
192 20.8 16.8 25.2



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: 5.242 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX016005.D

Acq: 01 May 2020 12:18

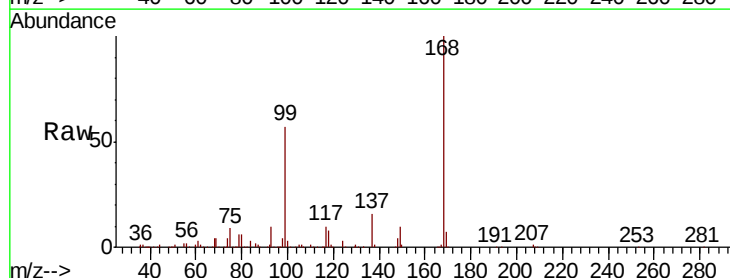
Tgt Ion: 75 Resp: 22823

Ion Ratio Lower Upper

75 100

110 9.2 17.9 53.7#

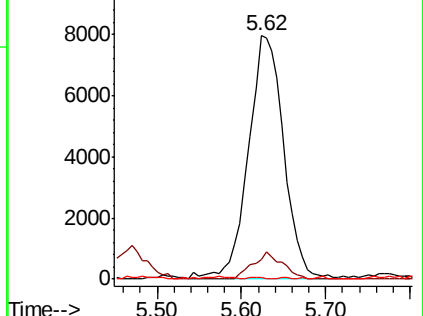
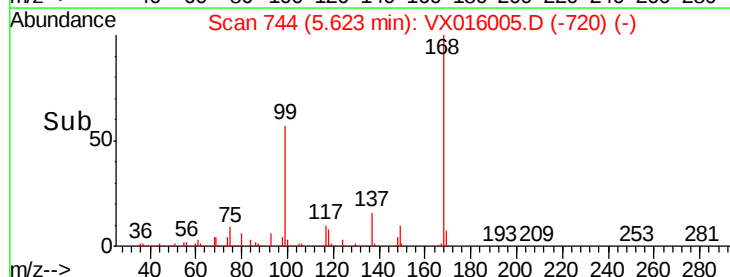
77 0.3 25.2 37.8#

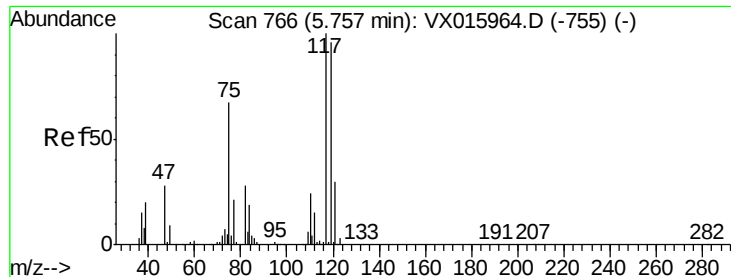


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

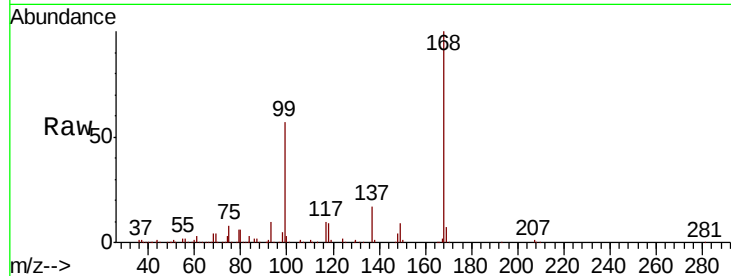




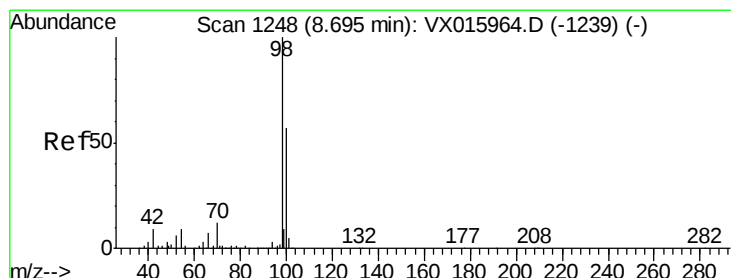
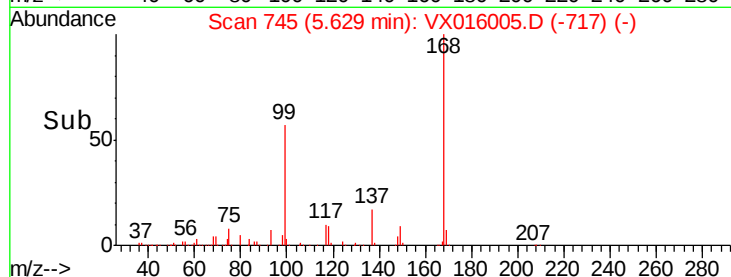
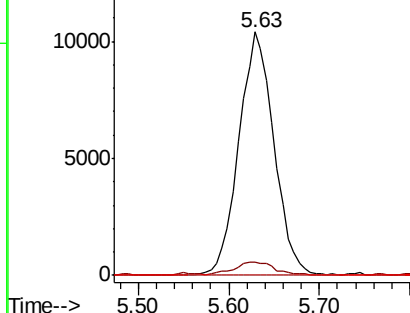
#38
Carbon Tetrachloride
Concen: 6.060 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016005.D
Acq: 01 May 2020 12:18

Instrument :
MSVOA_X
ClientSampled :
VX0501WBL02

Tot Ion:117 Resp: 27867
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.4#
121 0.0 24.2 36.4#

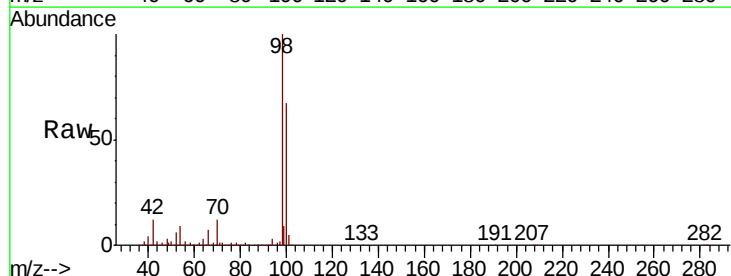


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

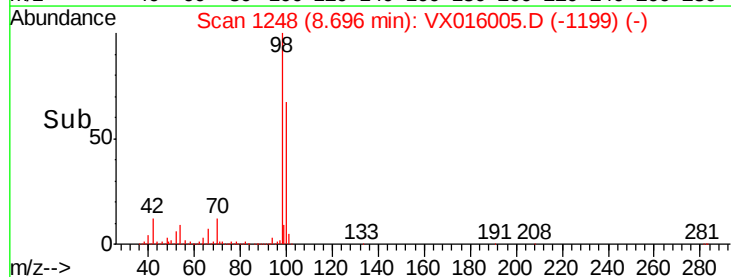
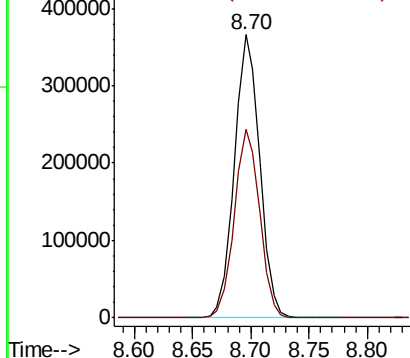


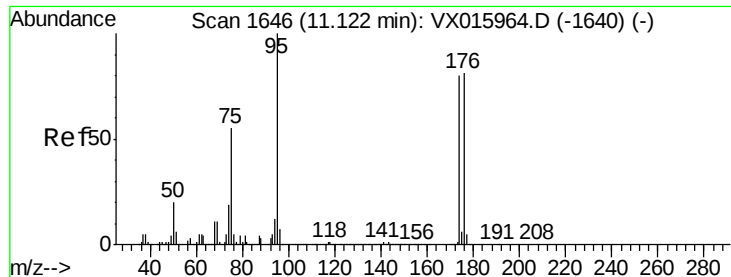
#50
Toluene-d8
Concen: 52.250 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016005.D
Acq: 01 May 2020 12:18

Tgt Ion: 98 Resp: 557030
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.751 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016005.D

Acq: 01 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBL02

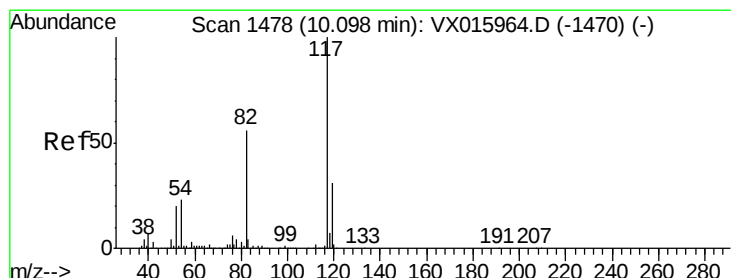
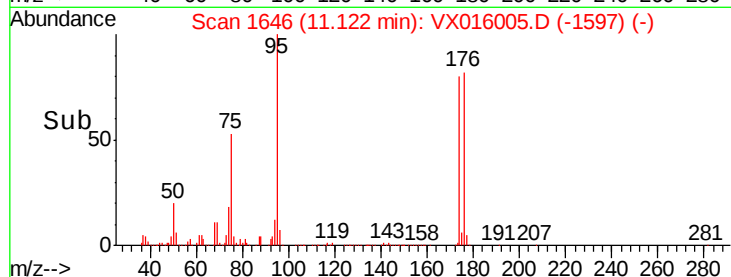
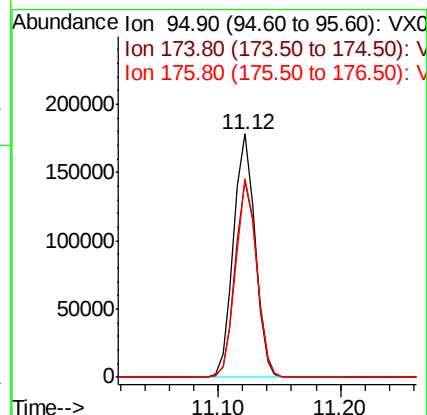
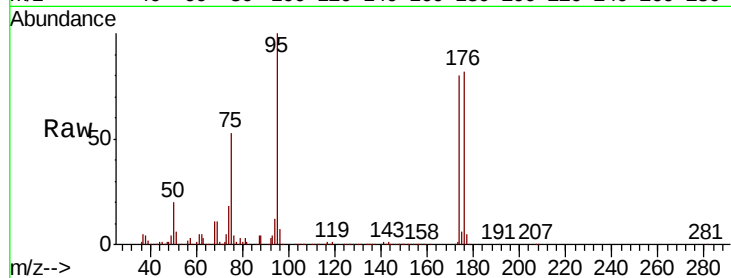
Tot Ion: 95 Resp: 216388

Ion Ratio Lower Upper

95 100

174 80.7 0.0 165.0

176 79.5 0.0 163.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016005.D

Acq: 01 May 2020 12:18

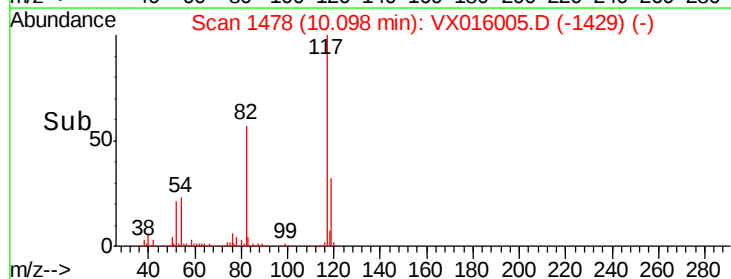
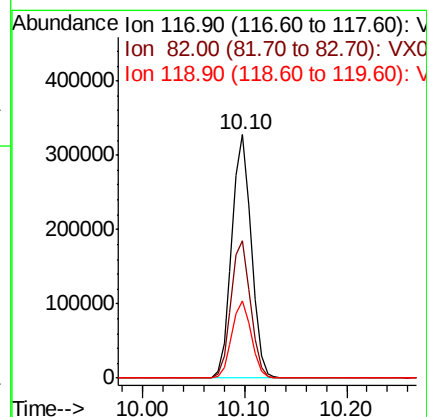
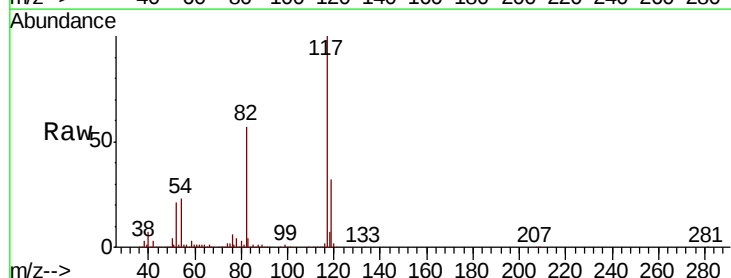
Tgt Ion: 117 Resp: 432390

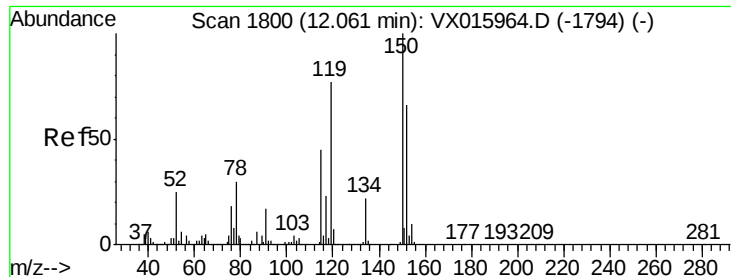
Ion Ratio Lower Upper

117 100

82 56.5 44.5 66.7

119 31.5 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016005.D

Acq: 01 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBL02

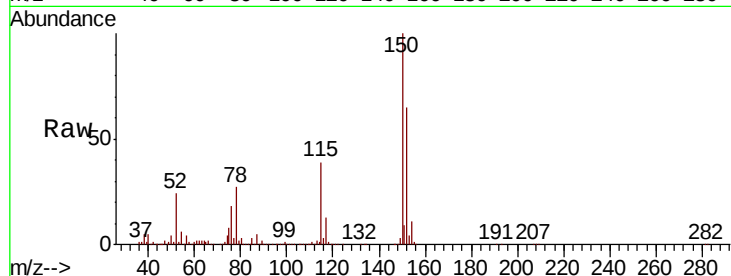
Tot Ion:152 Resp: 213245

Ion Ratio Lower Upper

152 100

115 58.1 40.9 122.7

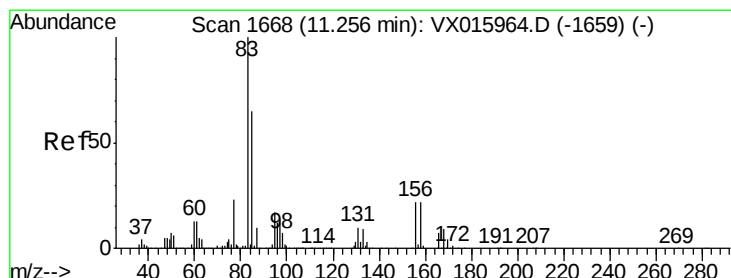
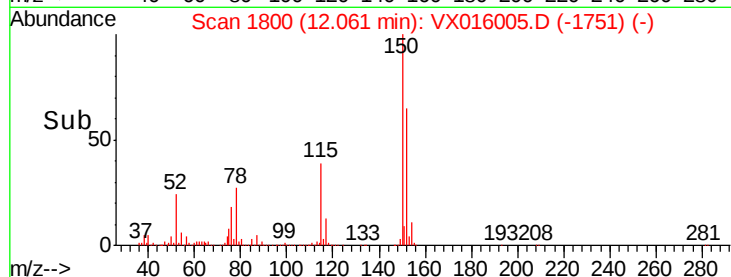
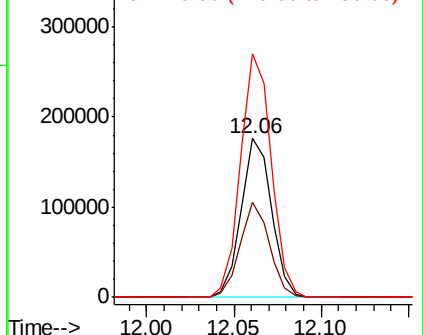
150 155.1 0.0 342.4



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



#75

1,1,2,2-Tetrachloroethane

Concen: 3.754 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.14 min

Lab File: VX016005.D

Acq: 01 May 2020 12:18

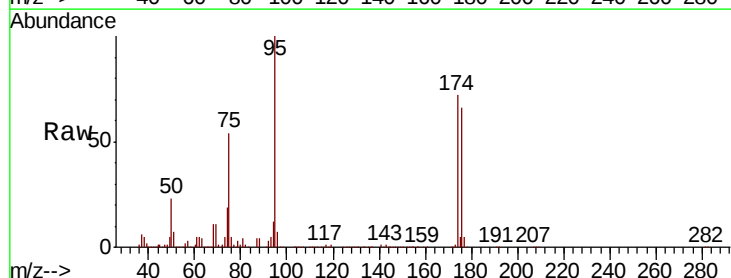
Tgt Ion: 83 Resp: 194

Ion Ratio Lower Upper

83 100

131 184.0 5.1 15.4#

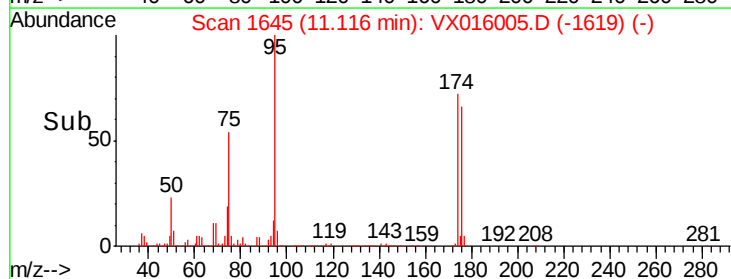
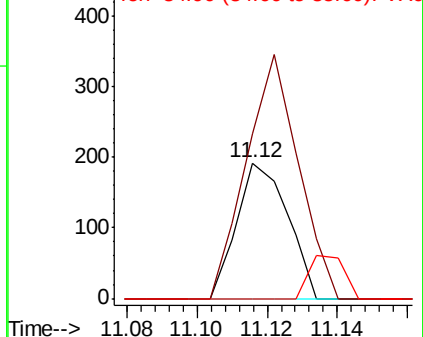
85 22.2 32.2 96.6#

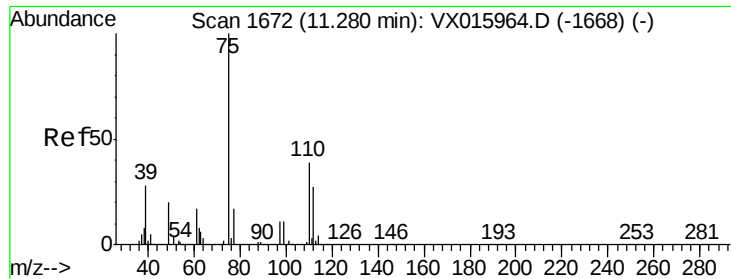


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 25.408 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016005.D

Acq: 01 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

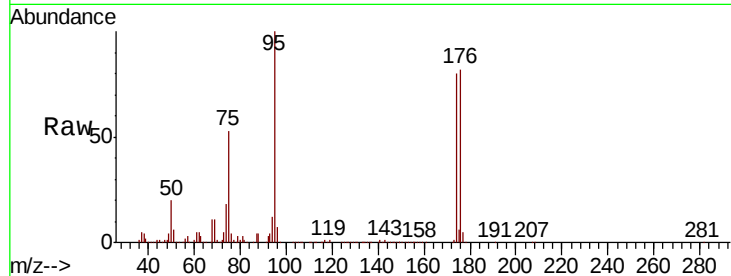
VX0501WBL02

Tot Ion: 75 Resp: 113693

Ion Ratio Lower Upper

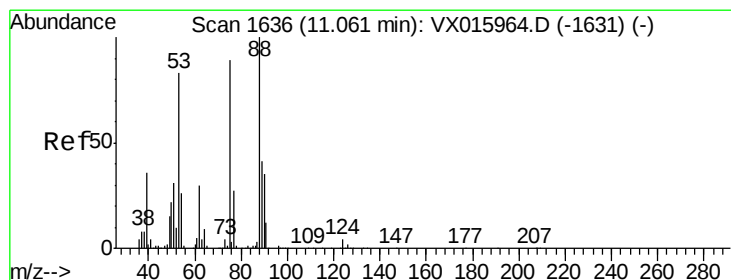
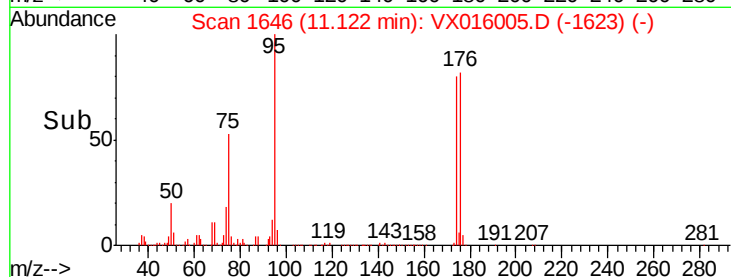
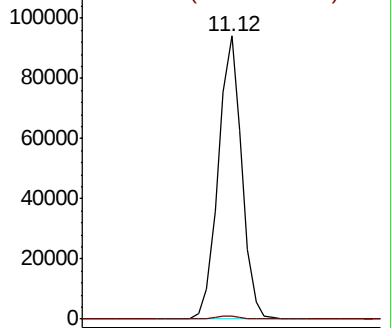
75 100

77 1.3 21.6 65.0#



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: 60.044 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016005.D

Acq: 01 May 2020 12:18

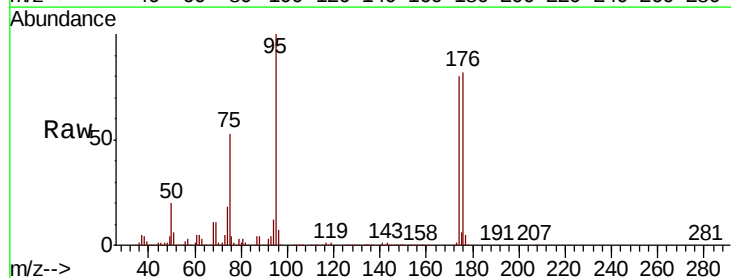
Tgt Ion: 75 Resp: 113693

Ion Ratio Lower Upper

75 100

53 0.0 78.3 117.5#

89 0.0 37.2 55.8#



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

