

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\
 Data File : VX015976.D
 Acq On : 29 Apr 2020 14:55
 Operator : JC/SP
 Sample : L2405-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 05:35:01 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	265267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	431161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221006	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	166358	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
35) Dibromofluoromethane	5.47	113	125494	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	8.70	98	526220	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.12	95	209517	53.12	ug/l	0.00
Spiked Amount			Recovery	=	106.24%	

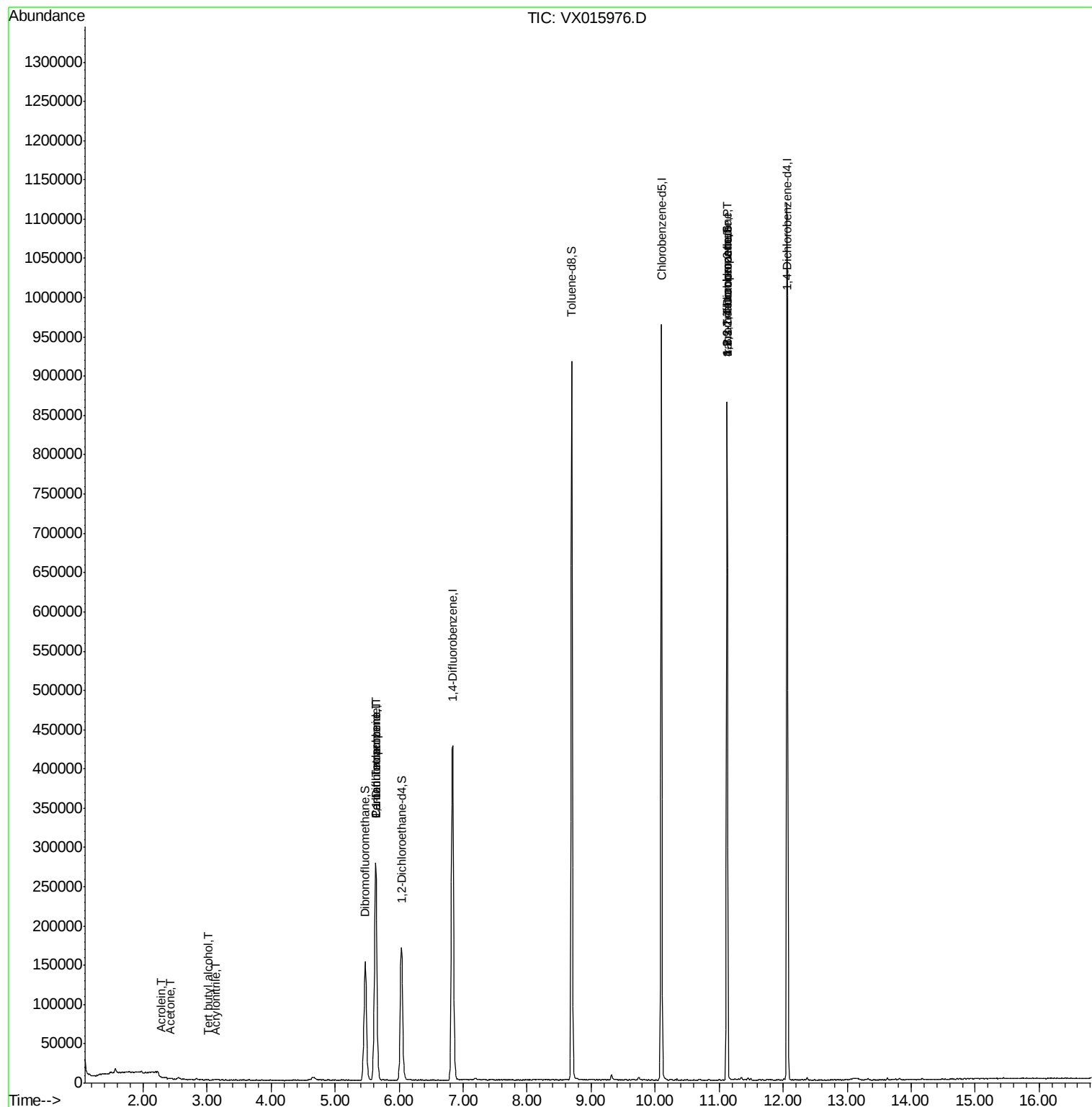
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	298	0.354	ug/l #	87
13) Acrolein	2.28	56	234	1.106	ug/l #	75
15) Acrylonitrile	3.13	53	572	0.343	ug/l #	81
16) Acetone	2.42	43	811	0.547	ug/l #	88
36) 1,1-Dichloropropene	5.64	75	20998	5.113	ug/l #	41
38) Carbon Tetrachloride	5.63	117	25882	5.967	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	11.12	83	257	3.769	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	112258	24.207	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	112258	57.205	ug/l #	10

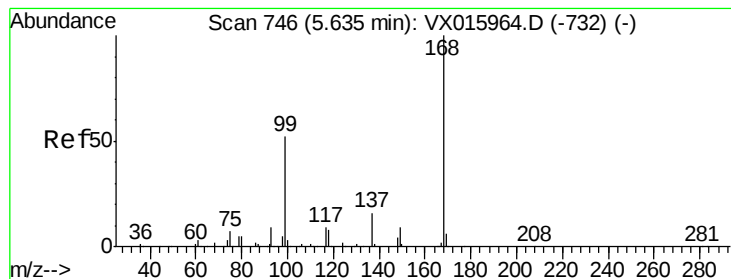
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042920\
Data File : VX015976.D
Acq On : 29 Apr 2020 14:55
Operator : JC/SP
Sample : L2405-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Apr 30 05:35:01 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: VX015976.D

Acq: 29 Apr 2020 14:55

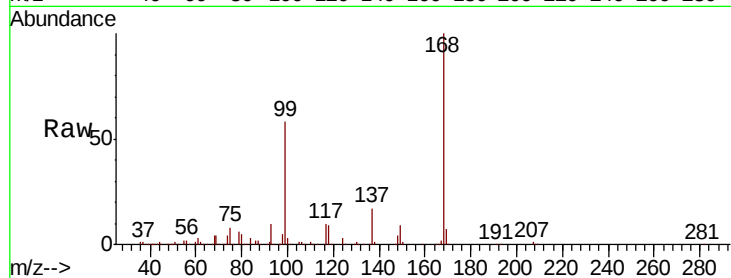
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 265267

Ion Ratio Lower Upper

168 100

99 57.9 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

100000

80000

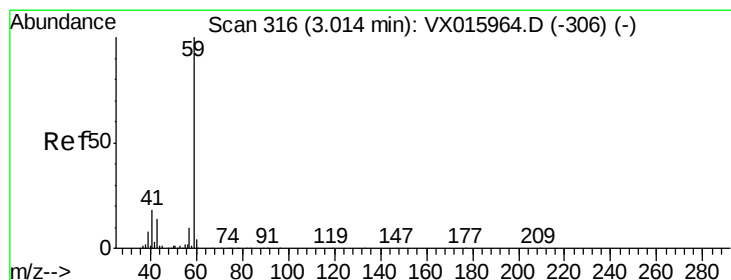
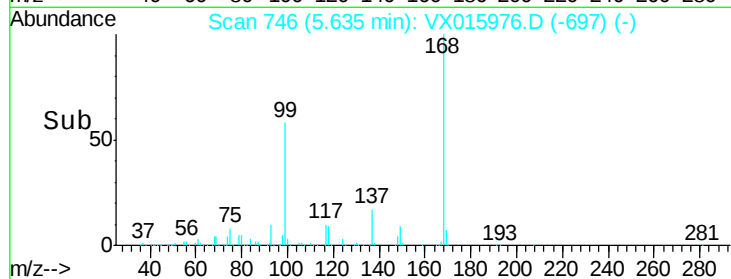
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.354 ug/l

RT: 3.02 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX015976.D

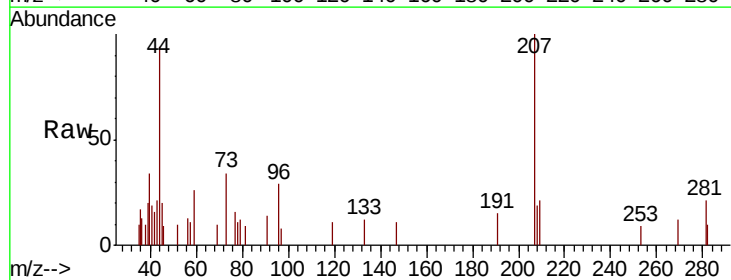
Acq: 29 Apr 2020 14:55

Tgt Ion: 59 Resp: 298

Ion Ratio Lower Upper

59 100

57 15.4 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

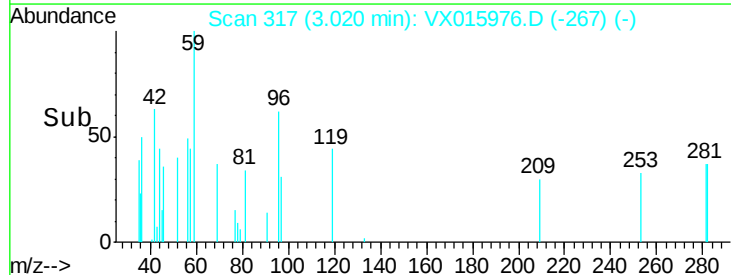
150

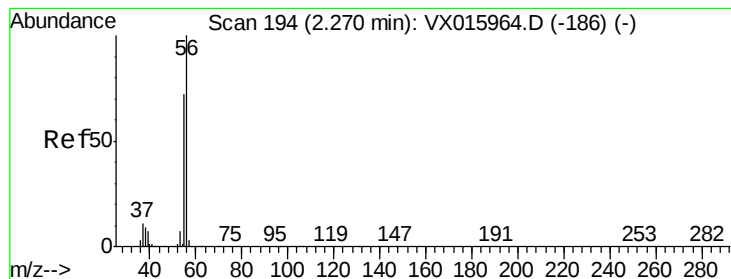
100

50

0

Time-->





#13

Acrolein

Concen: 1.106 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX015976.D

Acq: 29 Apr 2020 14:55

Instrument :

MSVOA_X

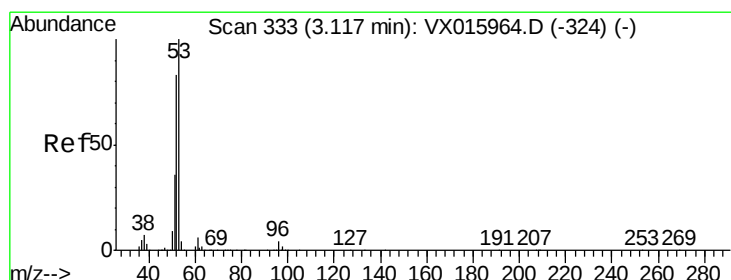
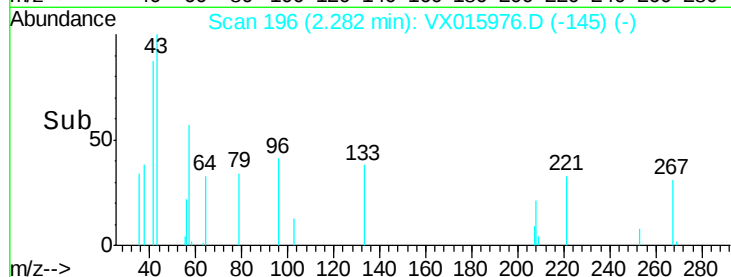
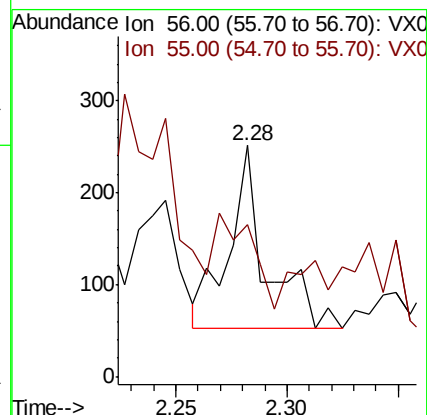
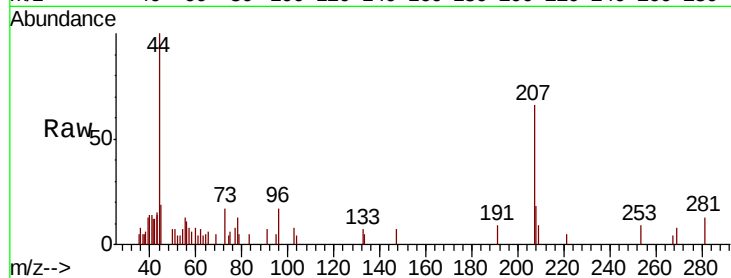
ClientSampleId :

Tot Ion: 56 Resp: 234

Ion Ratio Lower Upper

56 100

55 50.0 56.9 85.3#



#15

Acrylonitrile

Concen: 0.343 ug/l

RT: 3.13 min Scan# 335

Delta R.T. 0.01 min

Lab File: VX015976.D

Acq: 29 Apr 2020 14:55

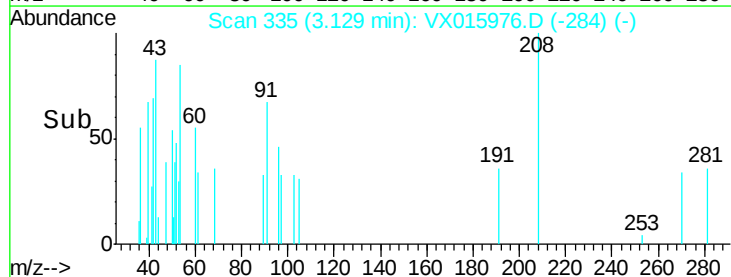
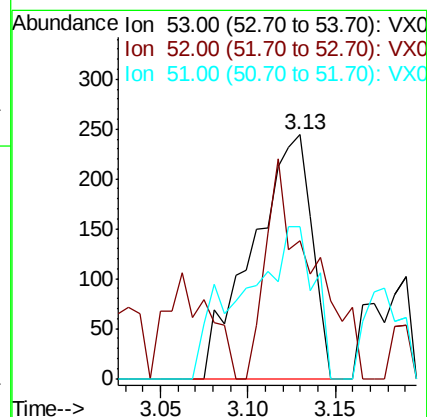
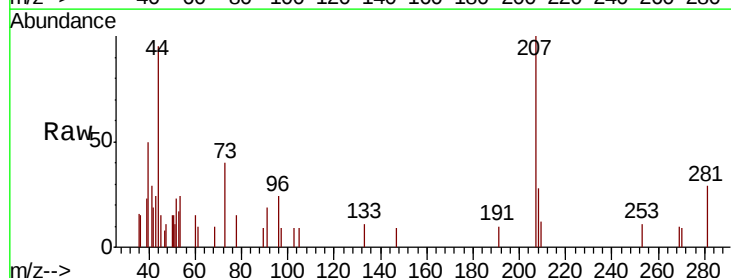
Tgt Ion: 53 Resp: 572

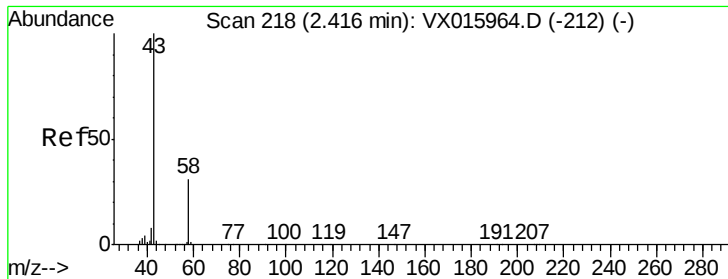
Ion Ratio Lower Upper

53 100

52 71.5 65.5 98.3

51 56.6 28.7 43.1#





#16

Acetone

Concen: 0.547 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX015976.D

Acq: 29 Apr 2020 14:55

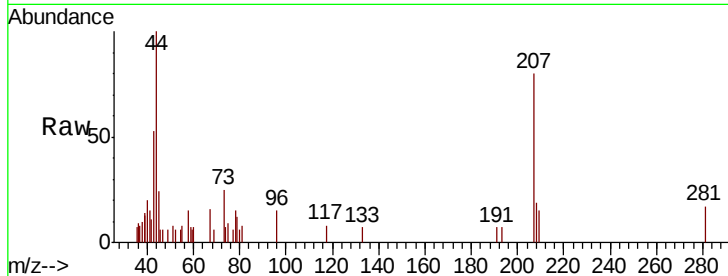
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 811

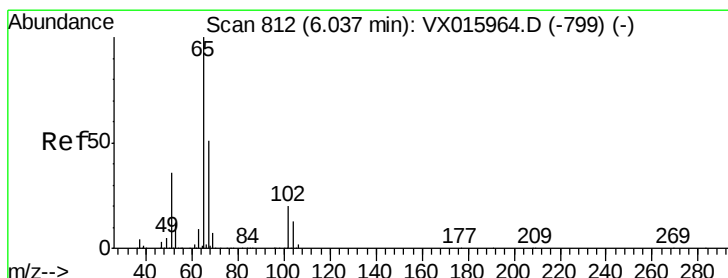
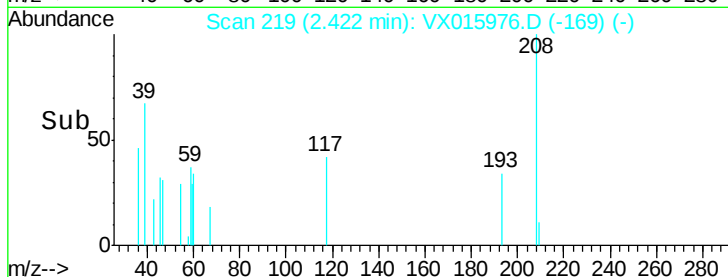
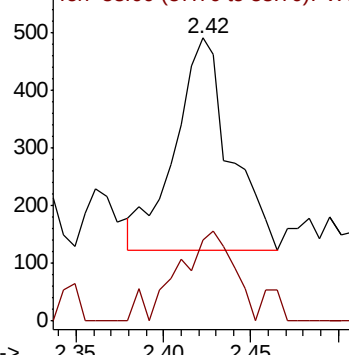
Ion Ratio Lower Upper

43 100

58 38.0 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.966 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015976.D

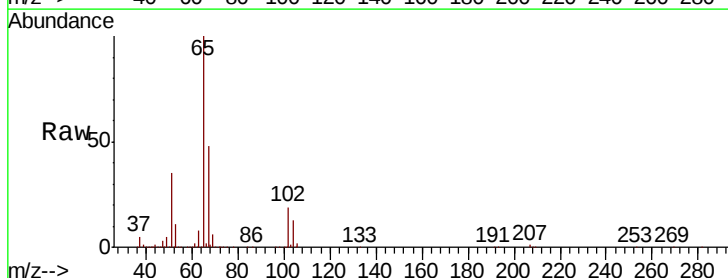
Acq: 29 Apr 2020 14:55

Tgt Ion: 65 Resp: 166358

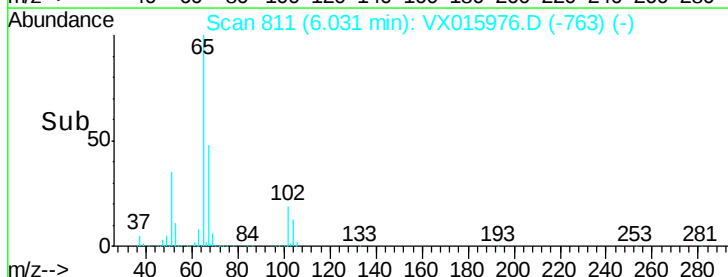
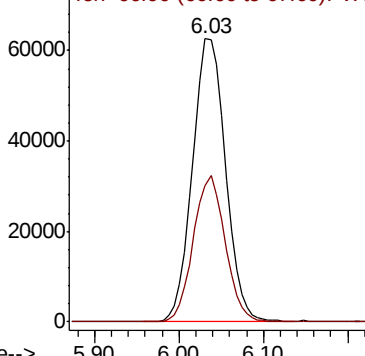
Ion Ratio Lower Upper

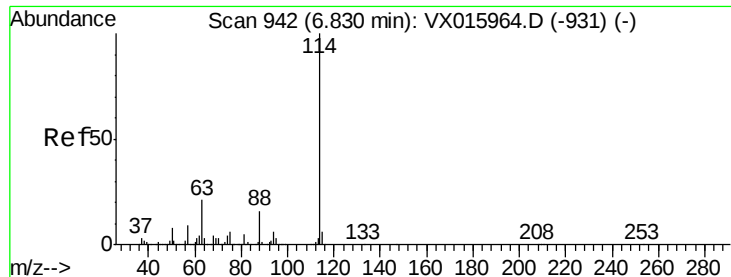
65 100

67 50.1 0.0 102.4



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

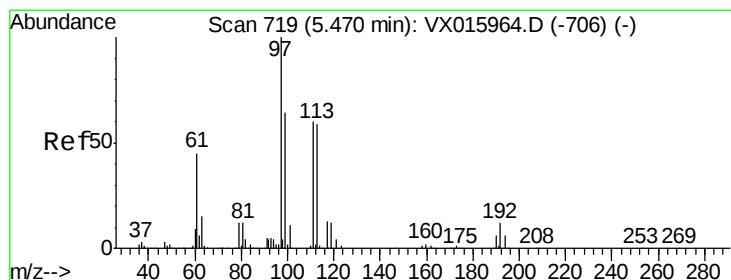
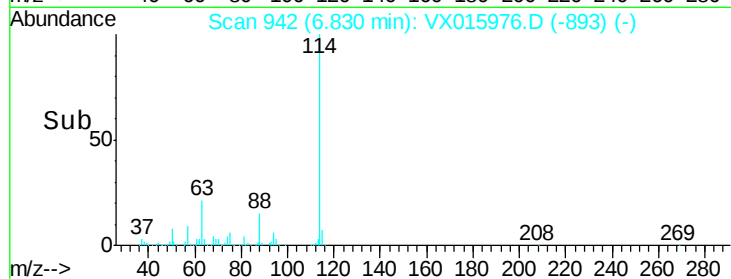
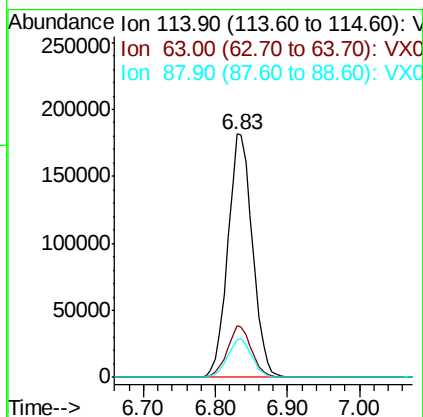
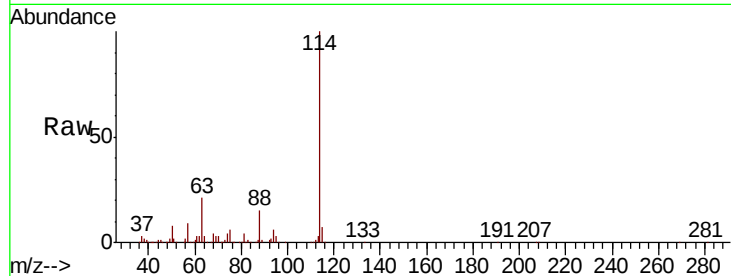




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX015976.D
Acq: 29 Apr 2020 14:55

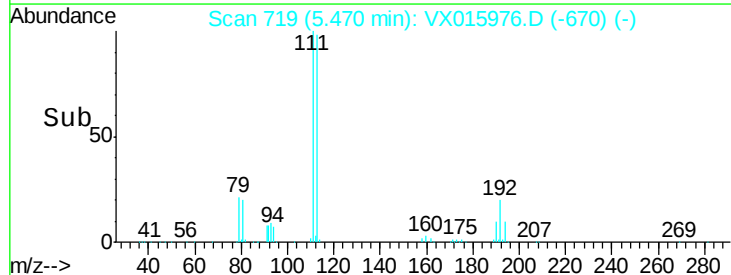
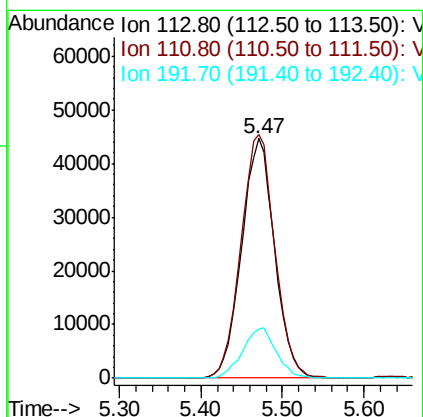
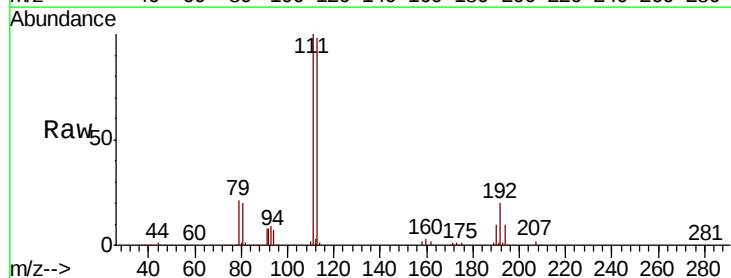
Instrument :
MSVOA_X
ClientSampleId :

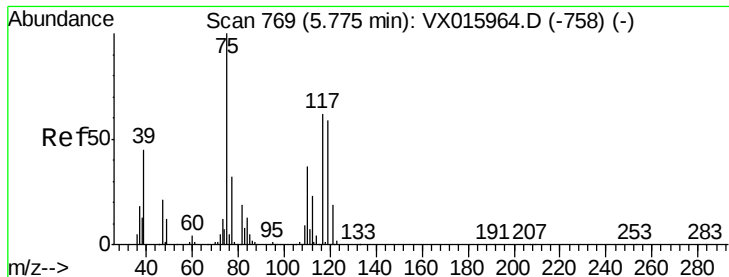
Tot Ion:114 Resp: 431161
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.659 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX015976.D
Acq: 29 Apr 2020 14:55

Tgt Ion:113 Resp: 125494
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.8
192 21.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.113 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.14 min

Lab File: VX015976.D

Acq: 29 Apr 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :

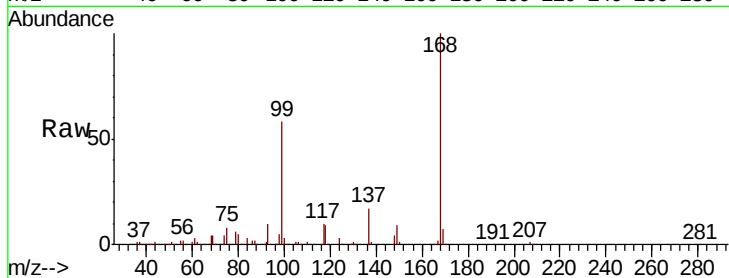
Tot Ion: 75 Resp: 20998

Ion Ratio Lower Upper

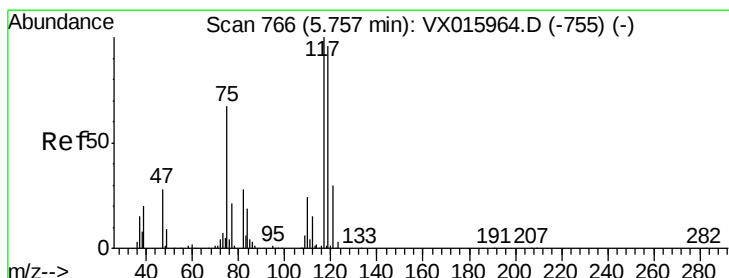
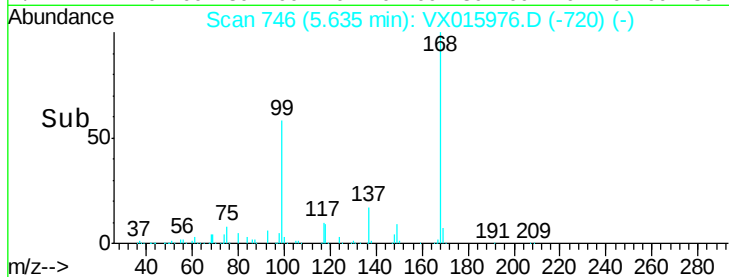
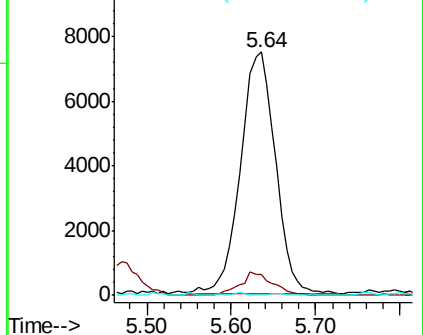
75 100

110 0.0 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: 5.967 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX015976.D

Acq: 29 Apr 2020 14:55

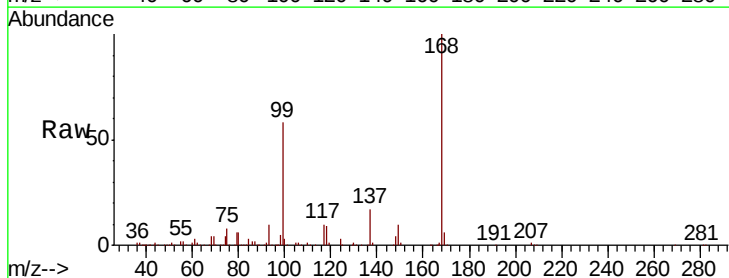
Tgt Ion: 117 Resp: 25882

Ion Ratio Lower Upper

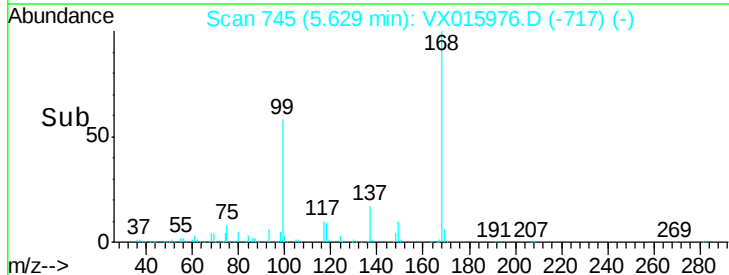
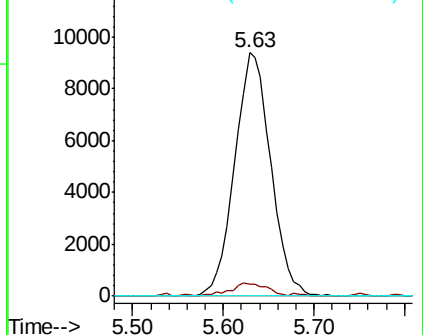
117 100

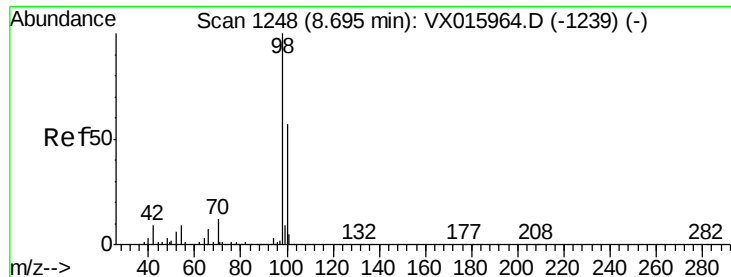
119 4.9 76.2 114.4#

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: 52.328 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015976.D

Acq: 29 Apr 2020 14:55

Instrument :

MSVOA_X

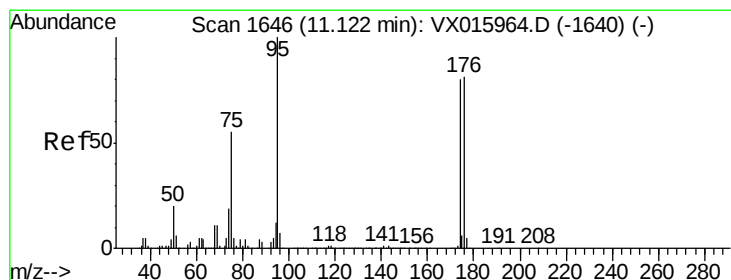
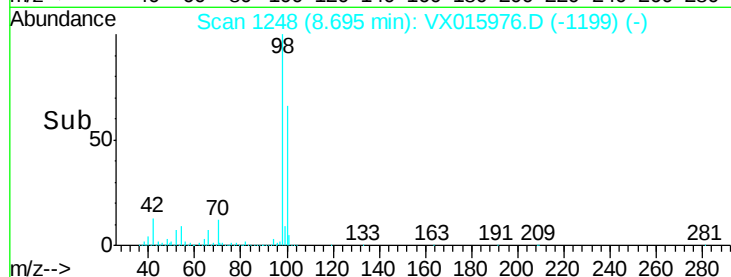
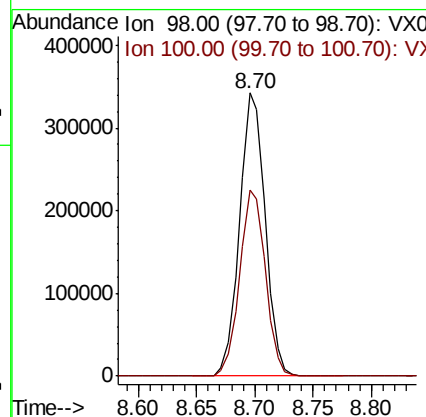
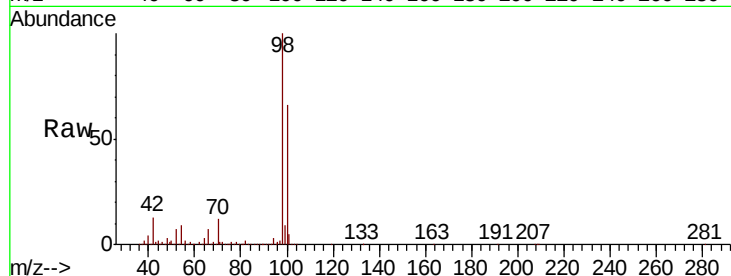
ClientSampleId :

Tot Ion: 98 Resp: 526220

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 53.120 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015976.D

Acq: 29 Apr 2020 14:55

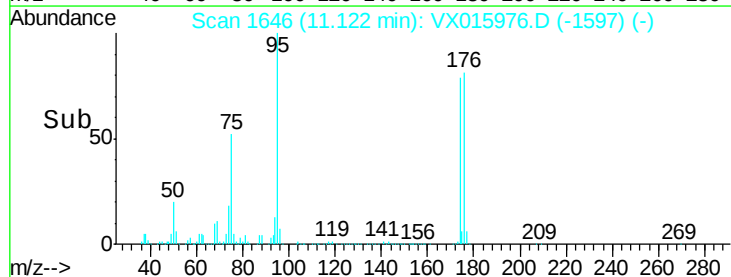
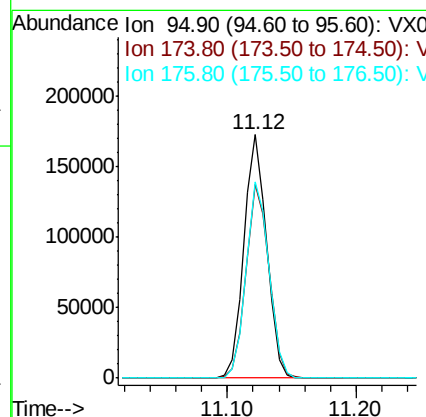
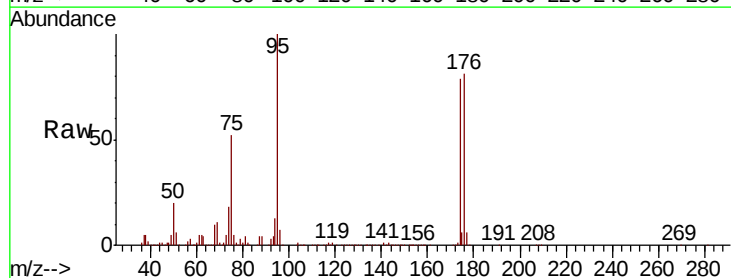
Tgt Ion: 95 Resp: 209517

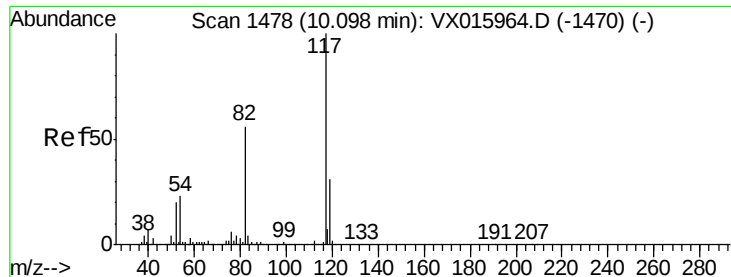
Ion Ratio Lower Upper

95 100

174 80.8 0.0 165.0

176 81.3 0.0 163.2

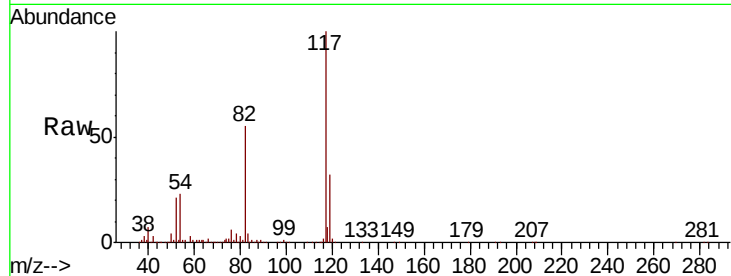




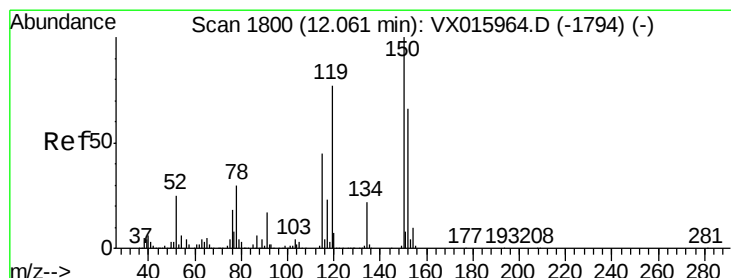
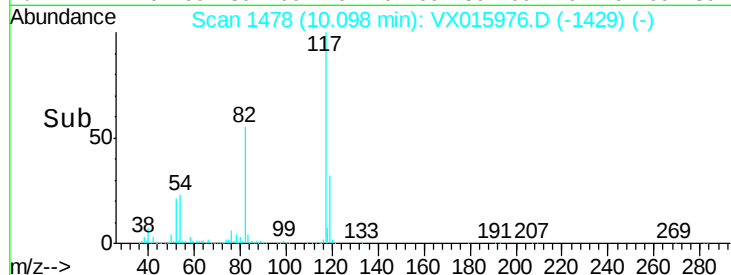
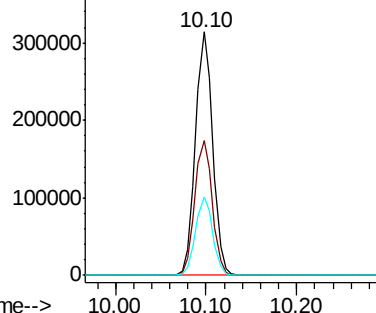
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015976.D
Acq: 29 Apr 2020 14:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 417135
Ion Ratio Lower Upper
117 100
82 55.3 44.5 66.7
119 32.1 25.0 37.6

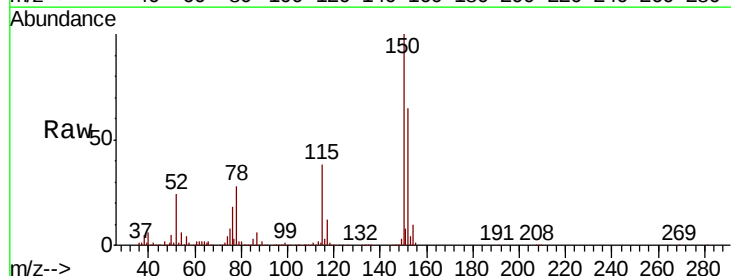


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

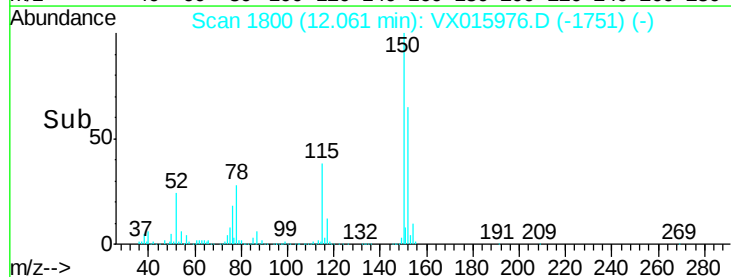
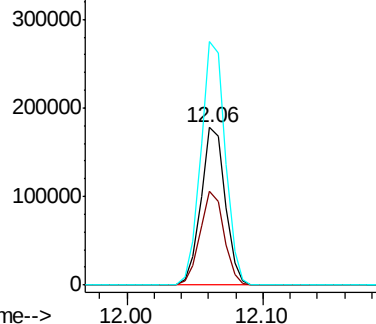


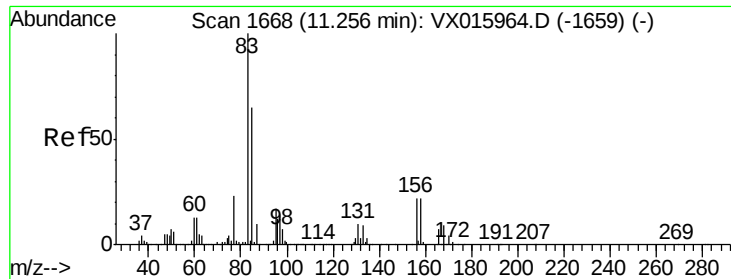
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX015976.D
Acq: 29 Apr 2020 14:55

Tgt Ion:152 Resp: 221006
Ion Ratio Lower Upper
152 100
115 58.3 40.9 122.7
150 155.6 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: 3.769 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.13 min

Lab File: VX015976.D

Acq: 29 Apr 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

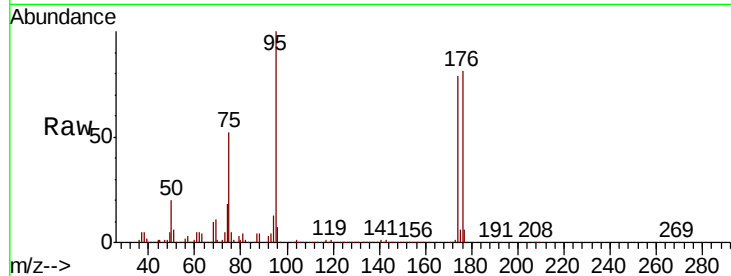
Tot Ion: 83 Resp: 257

Ion Ratio Lower Upper

83 100

131 163.8 5.1 15.4#

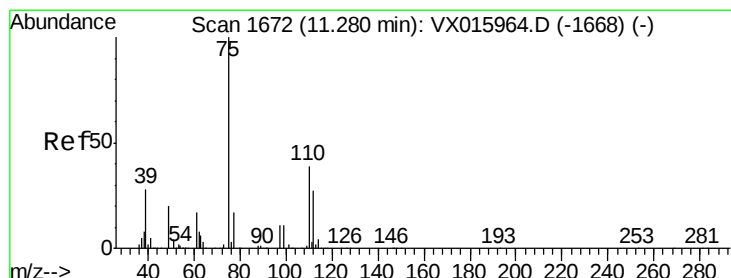
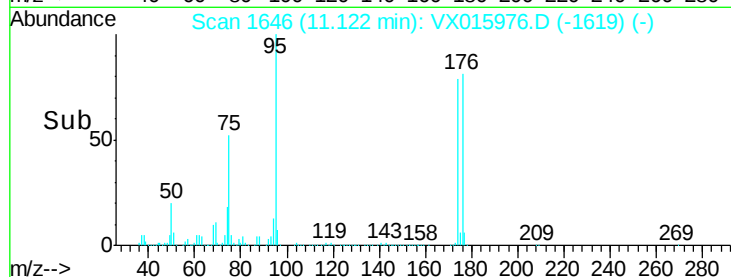
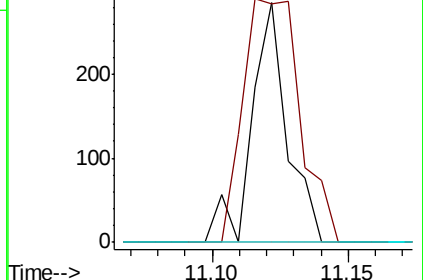
85 0.0 32.2 96.6#



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: 24.207 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX015976.D

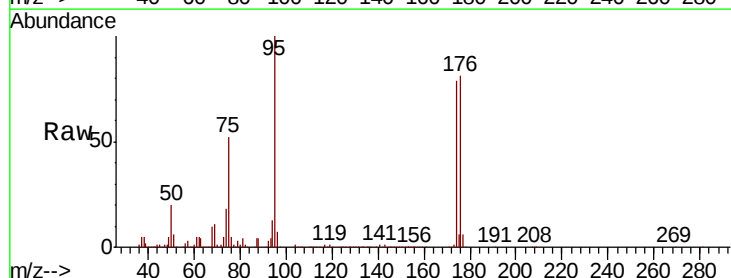
Acq: 29 Apr 2020 14:55

Tgt Ion: 75 Resp: 112258

Ion Ratio Lower Upper

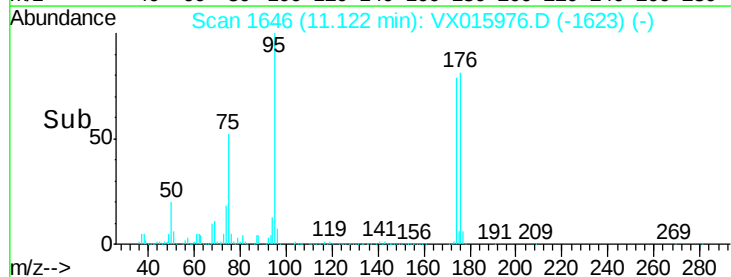
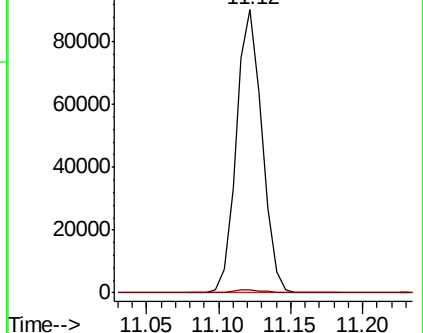
75 100

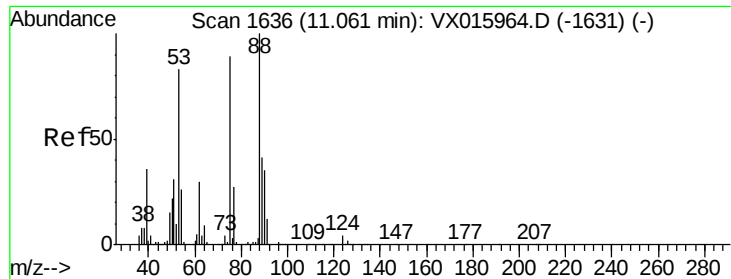
77 1.5 21.6 65.0#



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: 57.205 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX015976.D
 Acq: 29 Apr 2020 14:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 112258
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.3 117.5#
 89 0.0 37.2 55.8#

