

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016477.D
 Acq On : 28 May 2020 12:07
 Operator : JC/SP
 Sample : L2730-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW245-200520

Quant Time: May 29 04:38:43 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	5.64	168	330325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	535965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	519677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	256835	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	194673	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
35) Dibromofluoromethane	5.47	113	155394	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	
50) Toluene-d8	8.70	98	654888	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.12	95	260149	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	

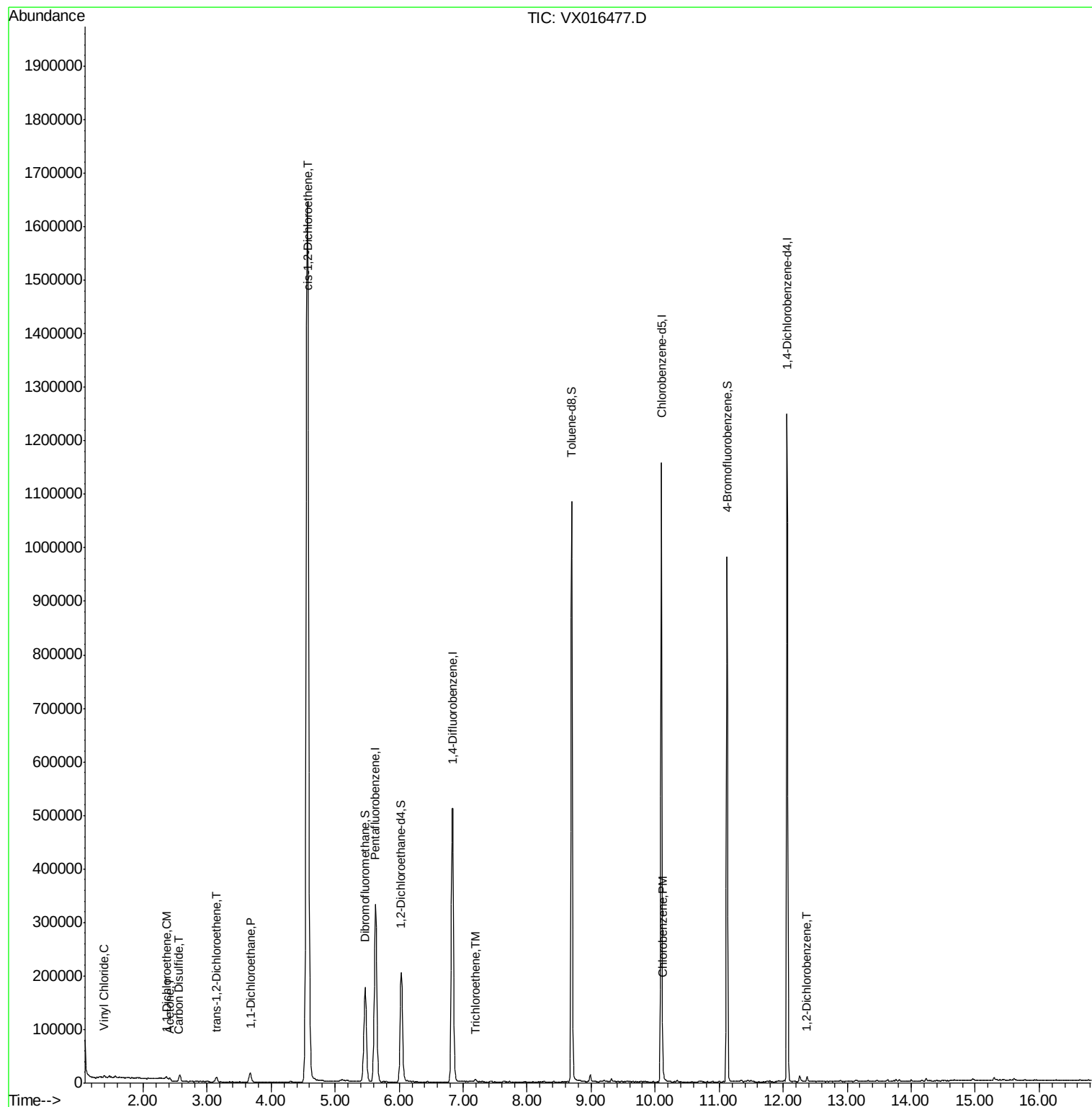
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	2236	0.538	ug/l	91
12) 1,1-Dichloroethene	2.36	96	1234	0.388	ug/l	92
16) Acetone	2.42	43	5739	3.193	ug/l	98
17) Carbon Disulfide	2.55	76	2330	0.247	ug/l #	57
21) trans-1,2-Dichloroethene	3.14	96	3948	1.123	ug/l	93
24) 1,1-Dichloroethane	3.67	63	19725	3.112	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	1073330	263.898	ug/l	92
44) Trichloroethene	7.20	130	1587	0.331	ug/l	84
65) Chlorobenzene	10.12	112	5586	0.527	ug/l #	86
91) 1,2-Dichlorobenzene	12.37	146	1860	0.237	ug/l	93

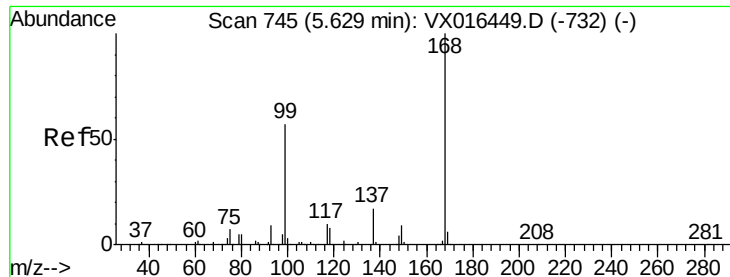
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016477.D

Acq: 28 May 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

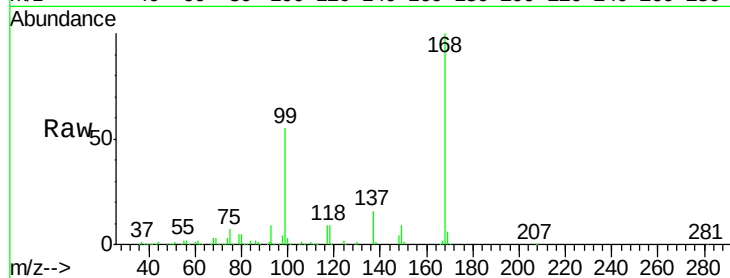
WP021RW245-200520

Tot Ion:168 Resp: 330325

Ion Ratio Lower Upper

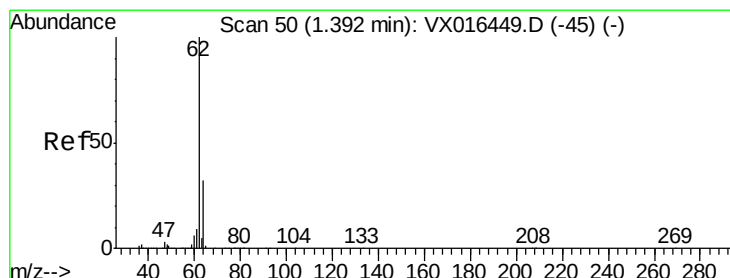
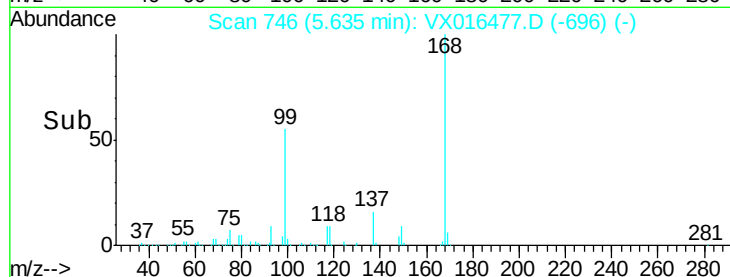
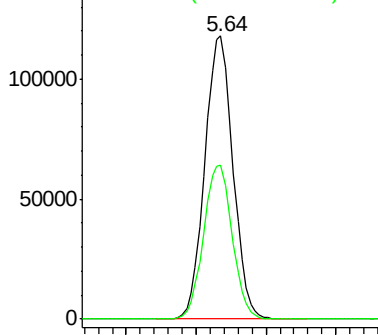
168 100

99 54.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.538 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016477.D

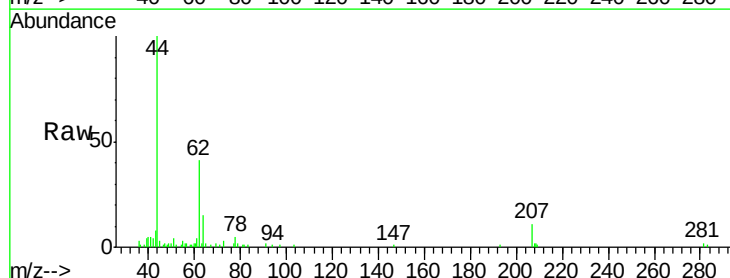
Acq: 28 May 2020 12:07

Tgt Ion: 62 Resp: 2236

Ion Ratio Lower Upper

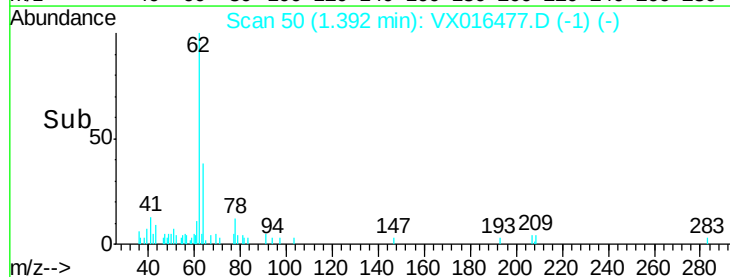
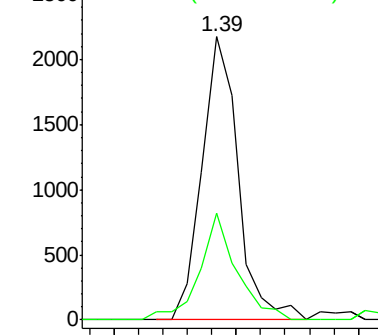
62 100

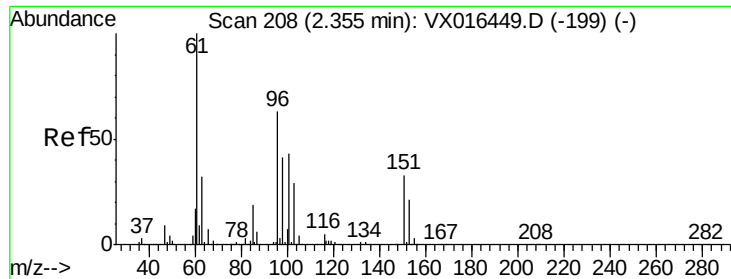
64 37.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

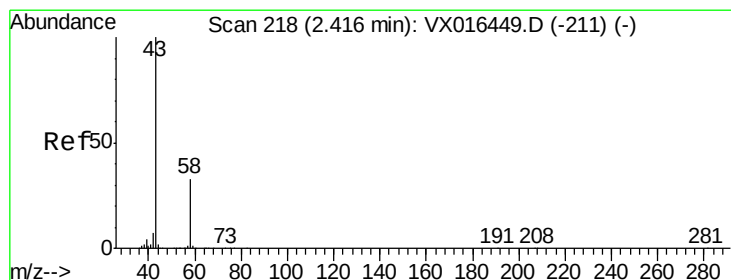
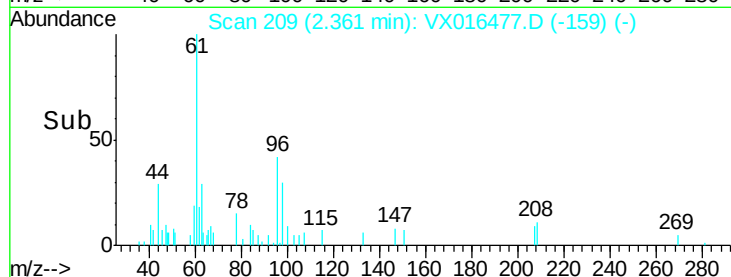
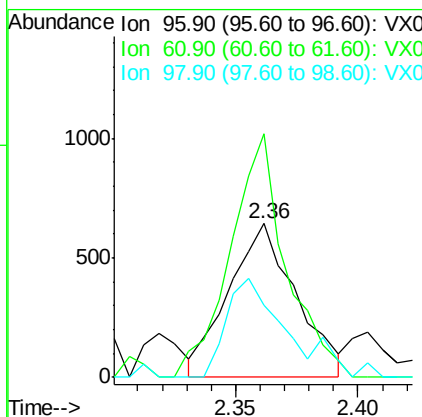
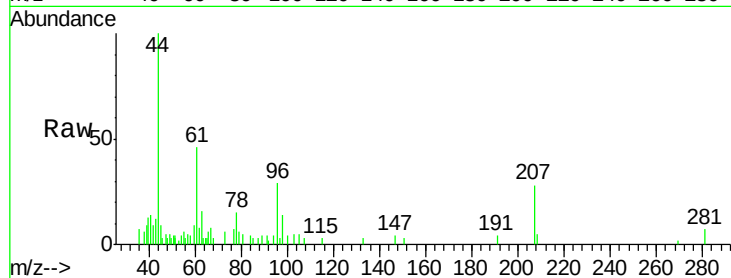




#12
 1,1-Dichloroethene
 Concen: 0.388 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX016477.D
 Acq: 28 May 2020 12:07

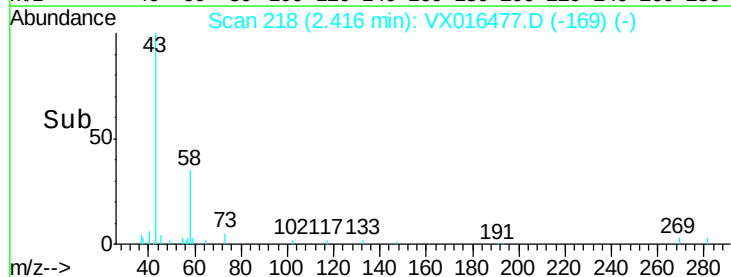
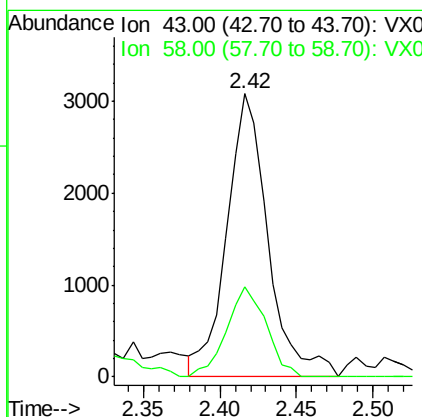
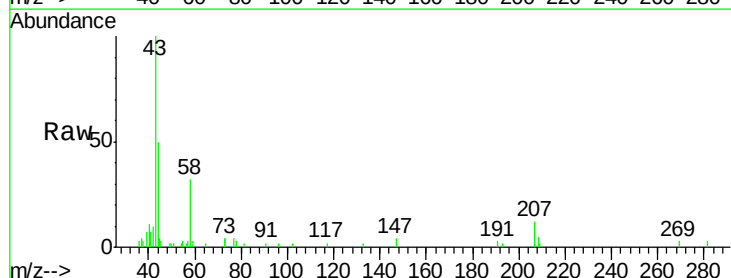
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW245-200520

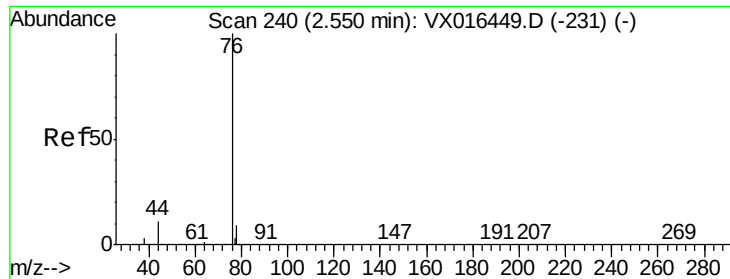
Tot Ion	Ratio	Lower	Upper
96	100		
61	166.1	126.6	189.8
98	52.8	51.3	76.9



#16
 Acetone
 Concen: 3.193 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016477.D
 Acq: 28 May 2020 12:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	26.1	39.1





#17

Carbon Disulfide

Concen: 0.247 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016477.D

Acq: 28 May 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

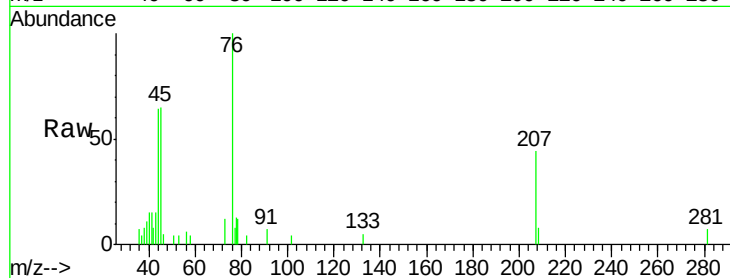
WP021RW245-200520

Tot Ion: 76 Resp: 2330

Ion Ratio Lower Upper

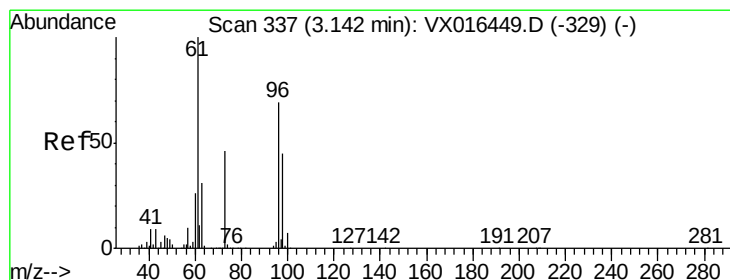
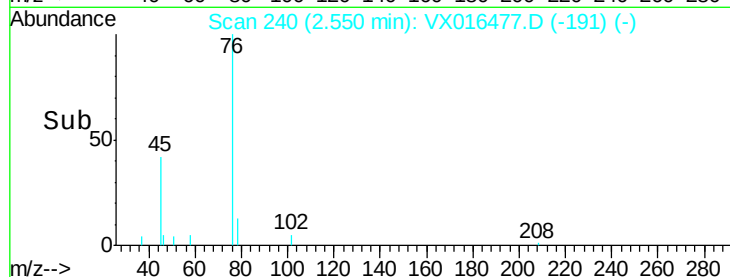
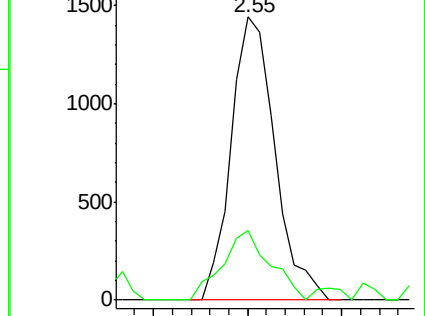
76 100

78 24.8 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 1.123 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016477.D

Acq: 28 May 2020 12:07

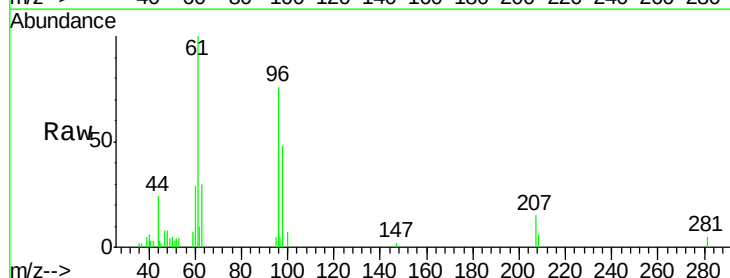
Tgt Ion: 96 Resp: 3948

Ion Ratio Lower Upper

96 100

61 132.1 115.3 172.9

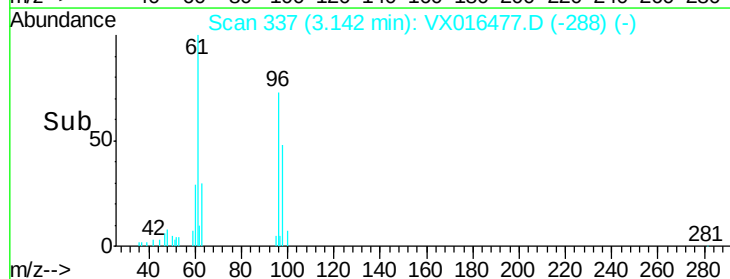
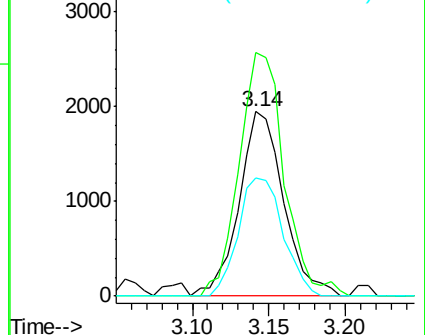
98 64.0 51.9 77.9

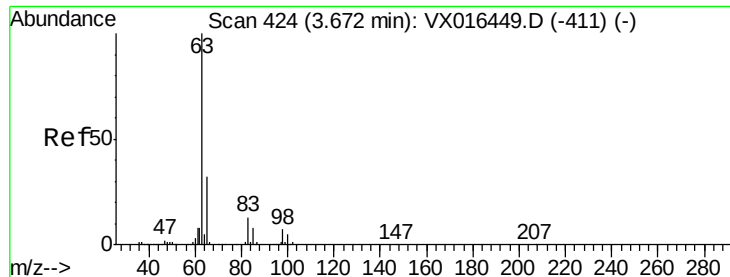


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 3.112 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016477.D

Acq: 28 May 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

WP021RW245-200520

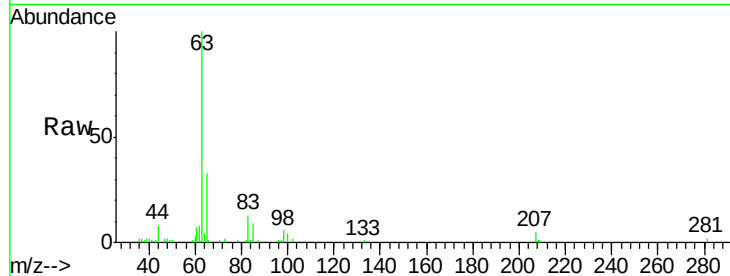
Tot Ion: 63 Resp: 19725

Ion Ratio Lower Upper

63 100

98 6.2 3.6 10.9

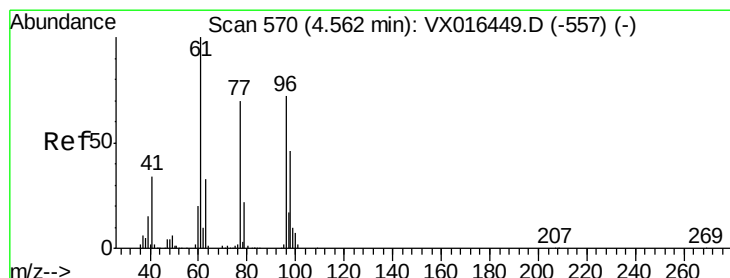
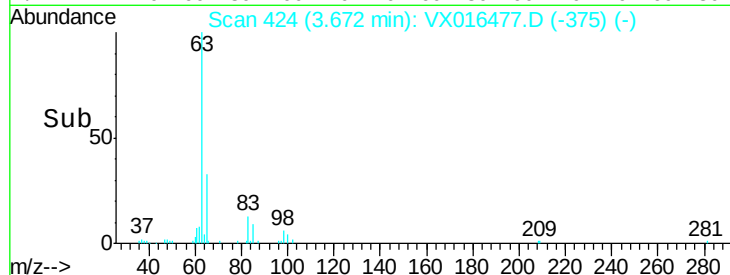
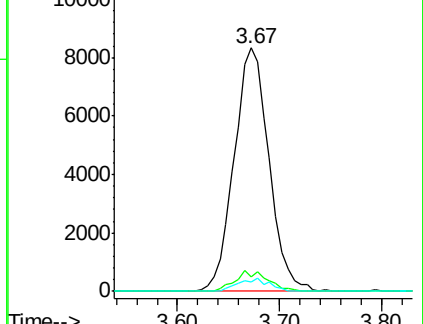
100 4.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 263.898 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016477.D

Acq: 28 May 2020 12:07

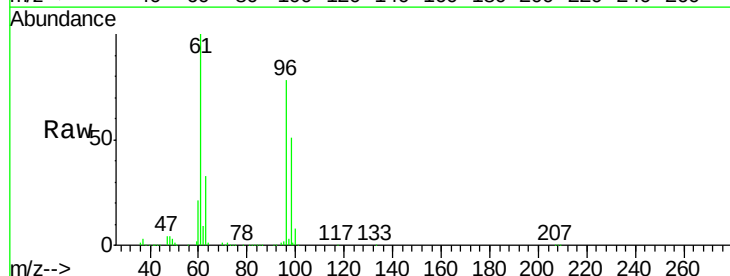
Tgt Ion: 96 Resp: 1073330

Ion Ratio Lower Upper

96 100

61 129.2 0.0 284.6

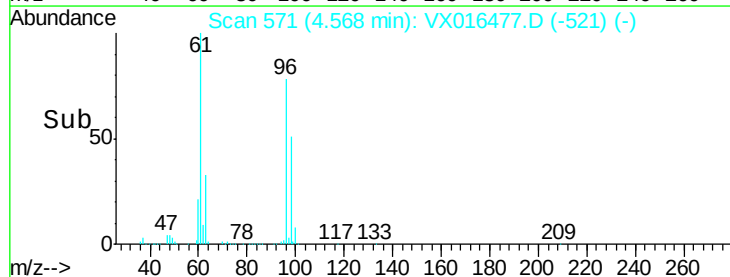
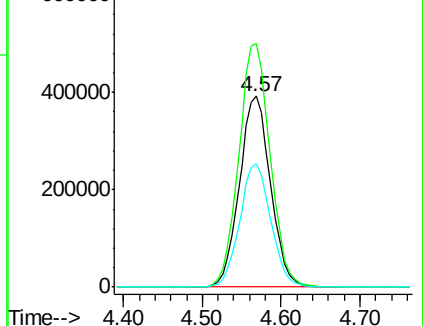
98 64.7 0.0 127.2

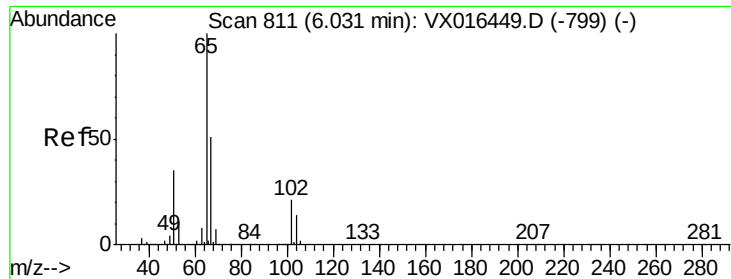


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

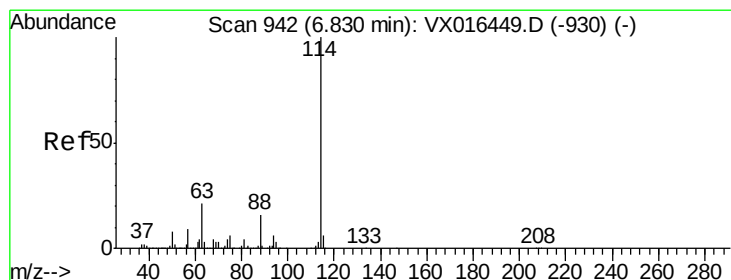
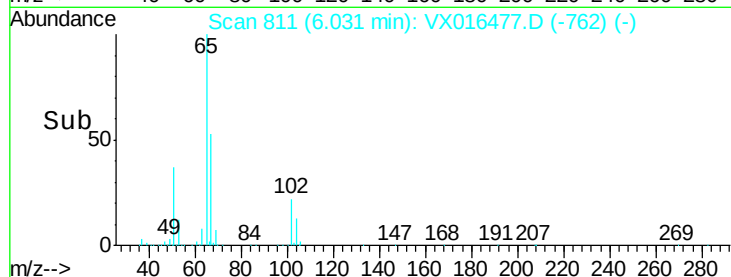
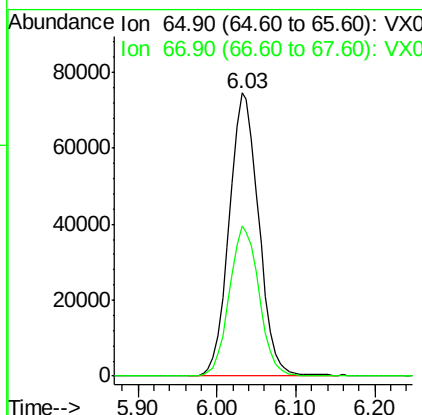
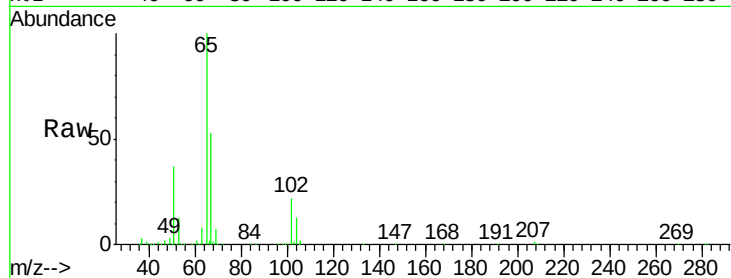




#33
 1,2-Dichloroethane-d4
 Concen: 47.456 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016477.D
 Acq: 28 May 2020 12:07

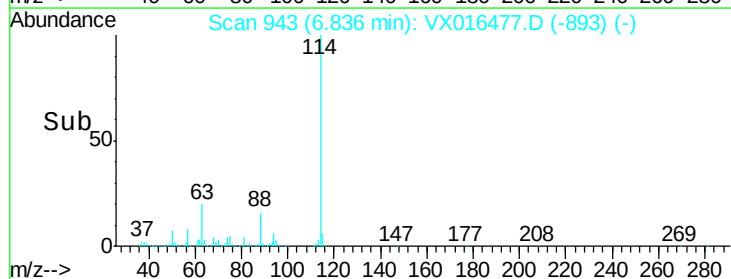
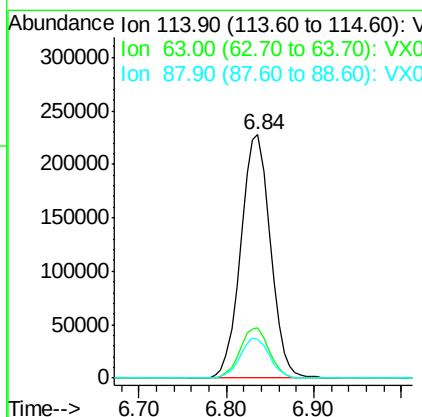
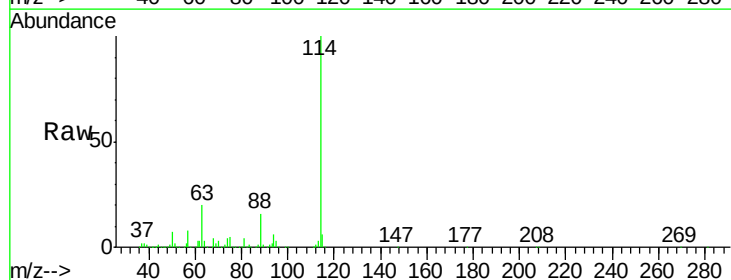
Instrument :
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 WP021RW245-200520

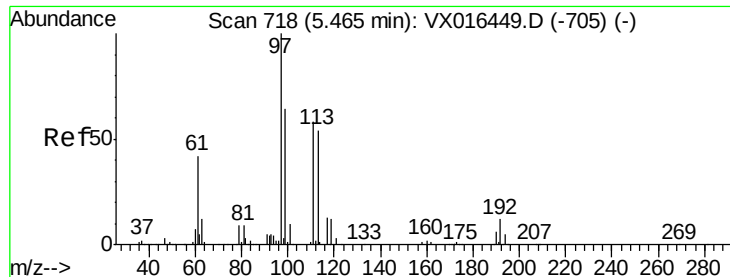
Tot Ion: 65 Resp: 194673
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016477.D
 Acq: 28 May 2020 12:07

Tgt Ion: 114 Resp: 535965
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.6
 88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.087 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016477.D

Acq: 28 May 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

WP021RW245-200520

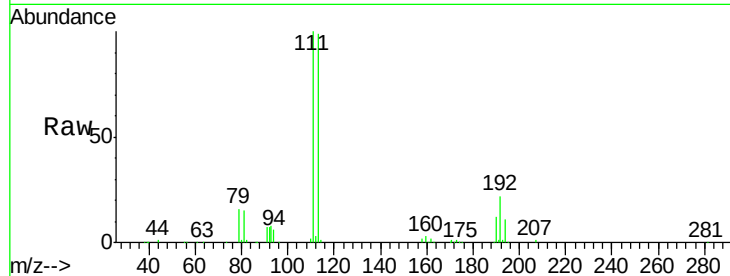
Tot Ion:113 Resp: 155394

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

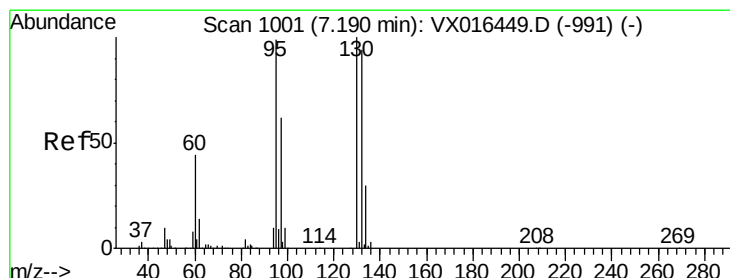
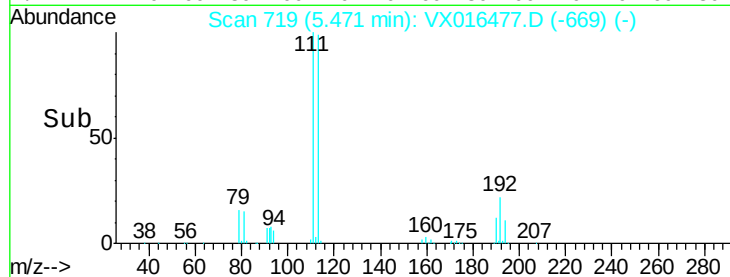
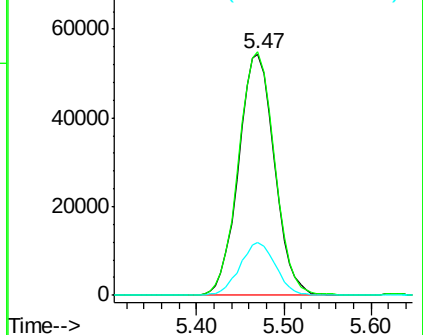
192 21.9 17.7 26.5



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



#44

Trichloroethene

Concen: 0.331 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016477.D

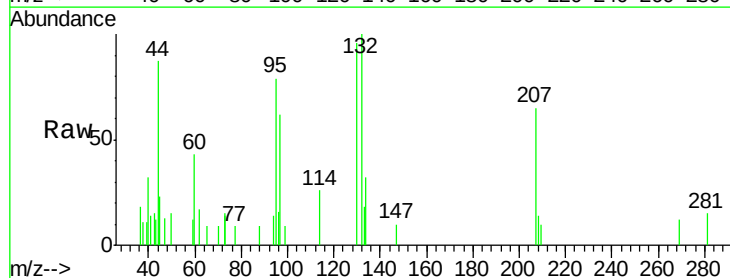
Acq: 28 May 2020 12:07

Tgt Ion:130 Resp: 1587

Ion Ratio Lower Upper

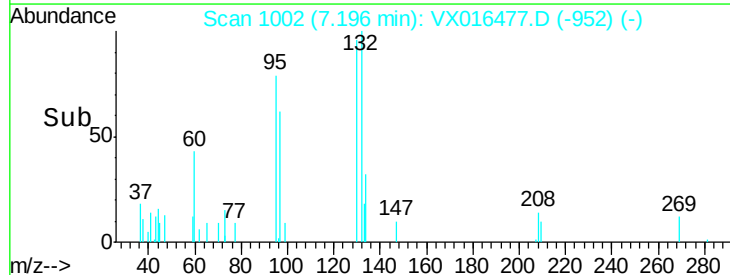
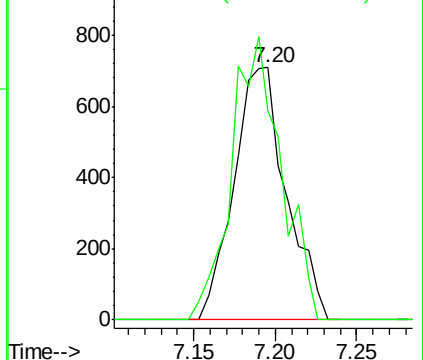
130 100

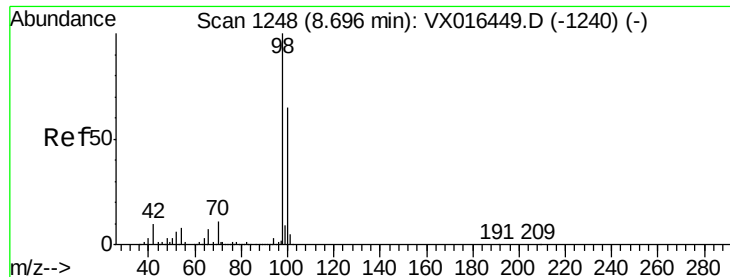
95 82.8 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.984 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016477.D

Acq: 28 May 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

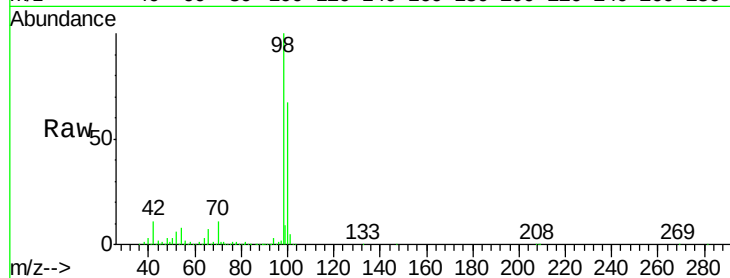
WP021RW245-200520

Tot Ion: 98 Resp: 654888

Ion Ratio Lower Upper

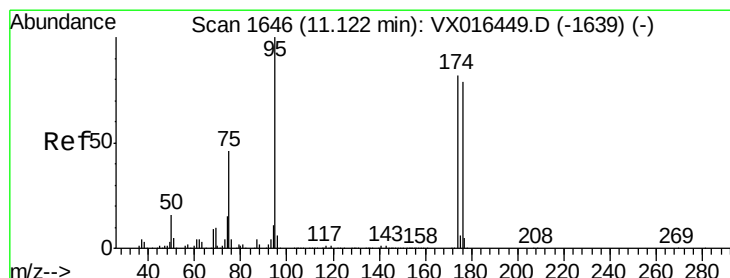
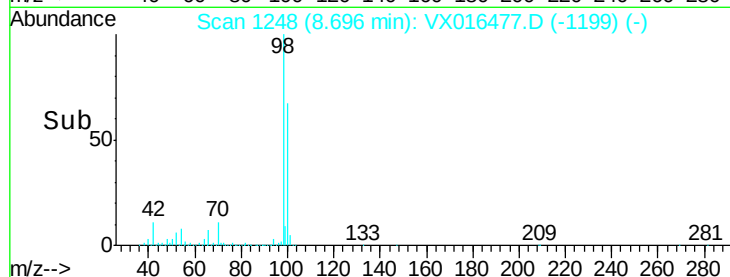
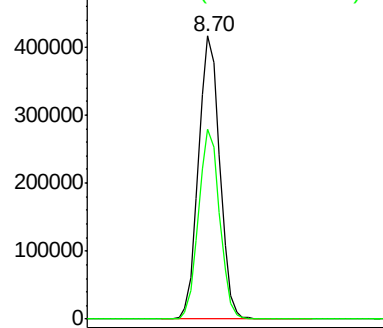
98 100

100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 52.415 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016477.D

Acq: 28 May 2020 12:07

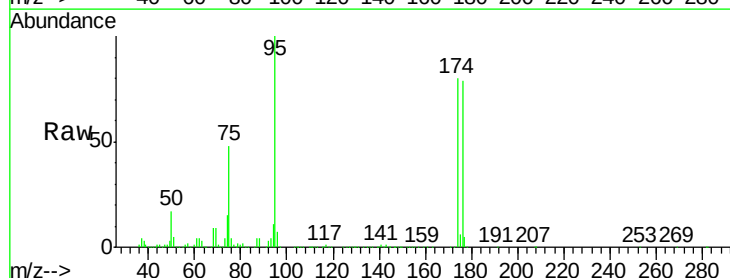
Tgt Ion: 95 Resp: 260149

Ion Ratio Lower Upper

95 100

174 81.4 0.0 163.0

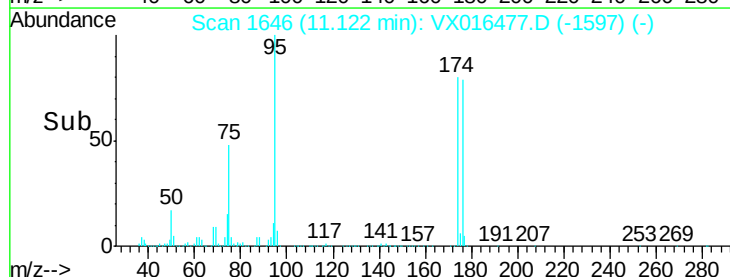
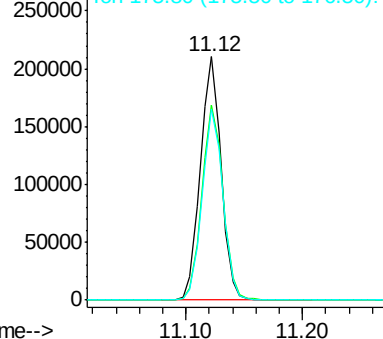
176 79.0 0.0 156.8

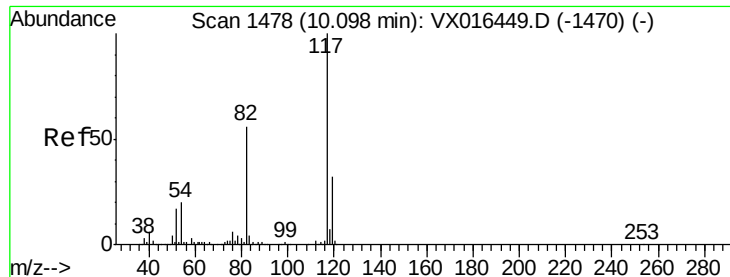


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

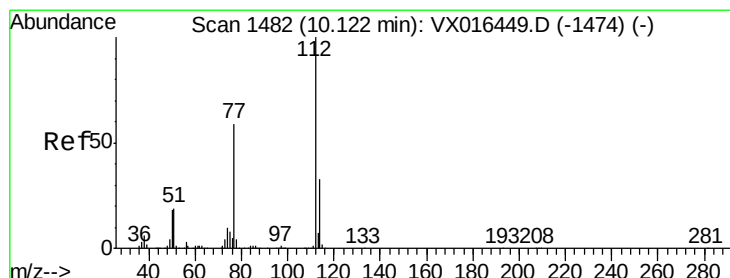
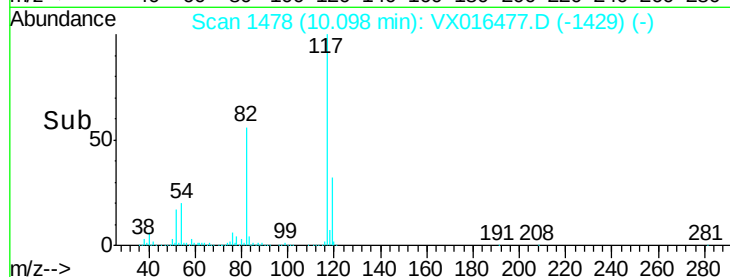
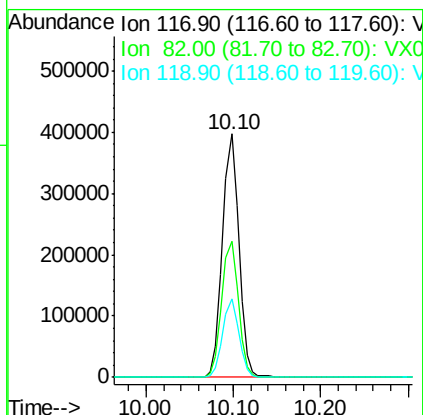
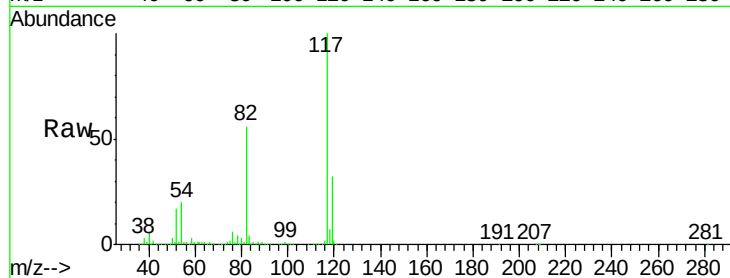




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016477.D
Acq: 28 May 2020 12:07

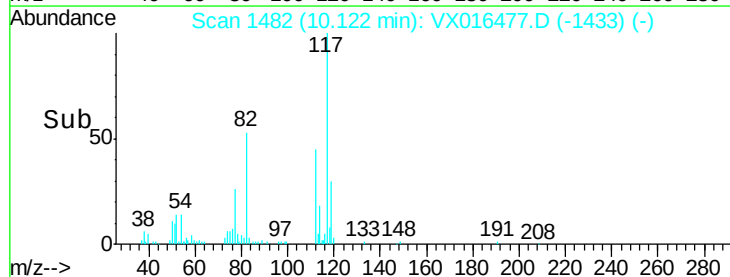
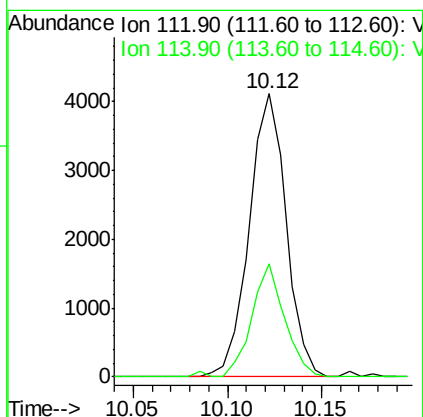
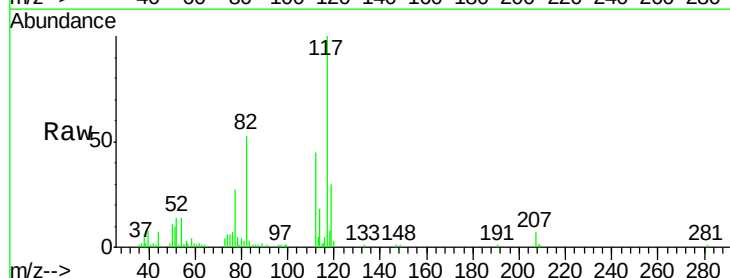
Instrument :
MSVOA_X
ClientSampleId :
WP021RW245-200520

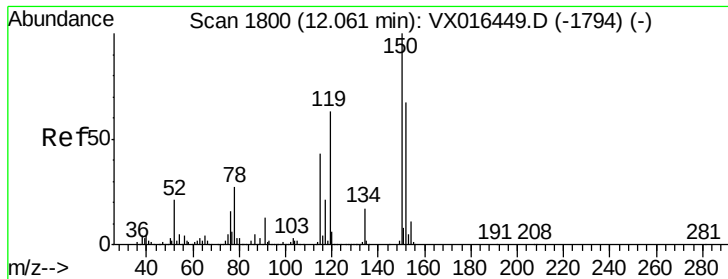
Tot Ion:117 Resp: 519677
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.6
119 32.2 25.8 38.8



#65
Chlorobenzene
Concen: 0.527 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016477.D
Acq: 28 May 2020 12:07

Tgt Ion:112 Resp: 5586
Ion Ratio Lower Upper
112 100
114 40.1 26.0 39.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016477.D

Acq: 28 May 2020 12:07

Instrument :

MSVOA_X

ClientSampleId :

WP021RW245-200520

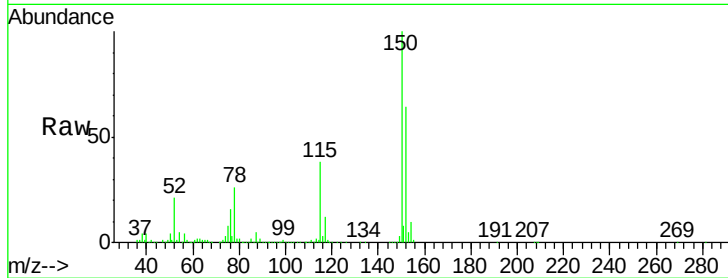
Tot Ion:152 Resp: 256835

Ion Ratio Lower Upper

152 100

115 58.2 39.9 119.6

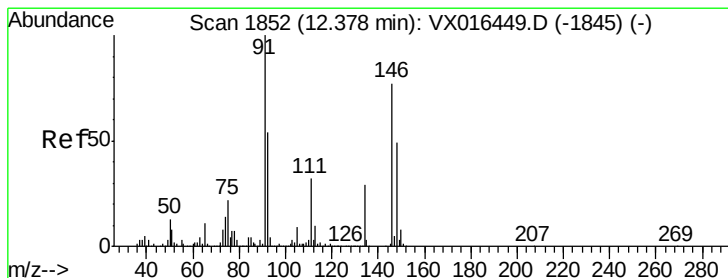
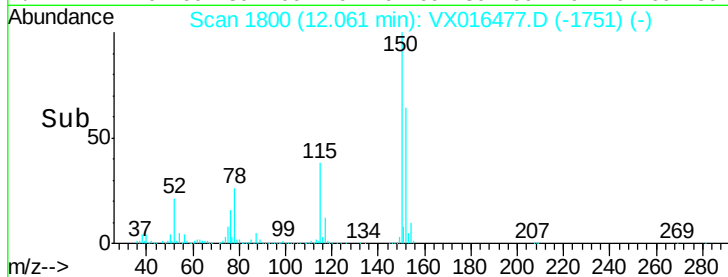
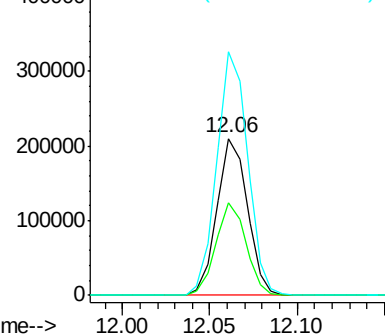
150 156.7 0.0 341.0



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



#91

1,2-Dichlorobenzene

Concen: 0.237 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX016477.D

Acq: 28 May 2020 12:07

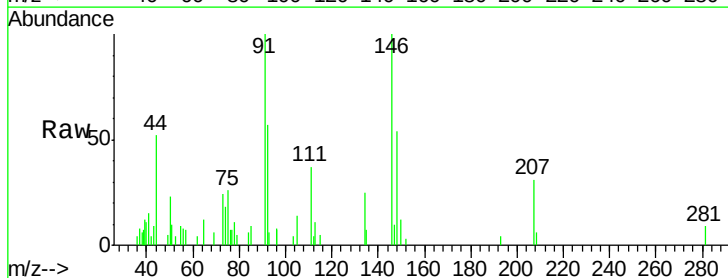
Tgt Ion:146 Resp: 1860

Ion Ratio Lower Upper

146 100

111 38.9 21.4 64.3

148 58.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

