

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016489.D
 Acq On : 28 May 2020 16:40
 Operator : JC/SP
 Sample : L2778-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526

Quant Time: May 29 04:01:32 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	277269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	448153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222476	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	165995	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
35) Dibromofluoromethane	5.47	113	130247	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
50) Toluene-d8	8.70	98	552297	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.12	95	221067	53.27	ug/l	0.00
Spiked Amount			Recovery	=	106.54%	

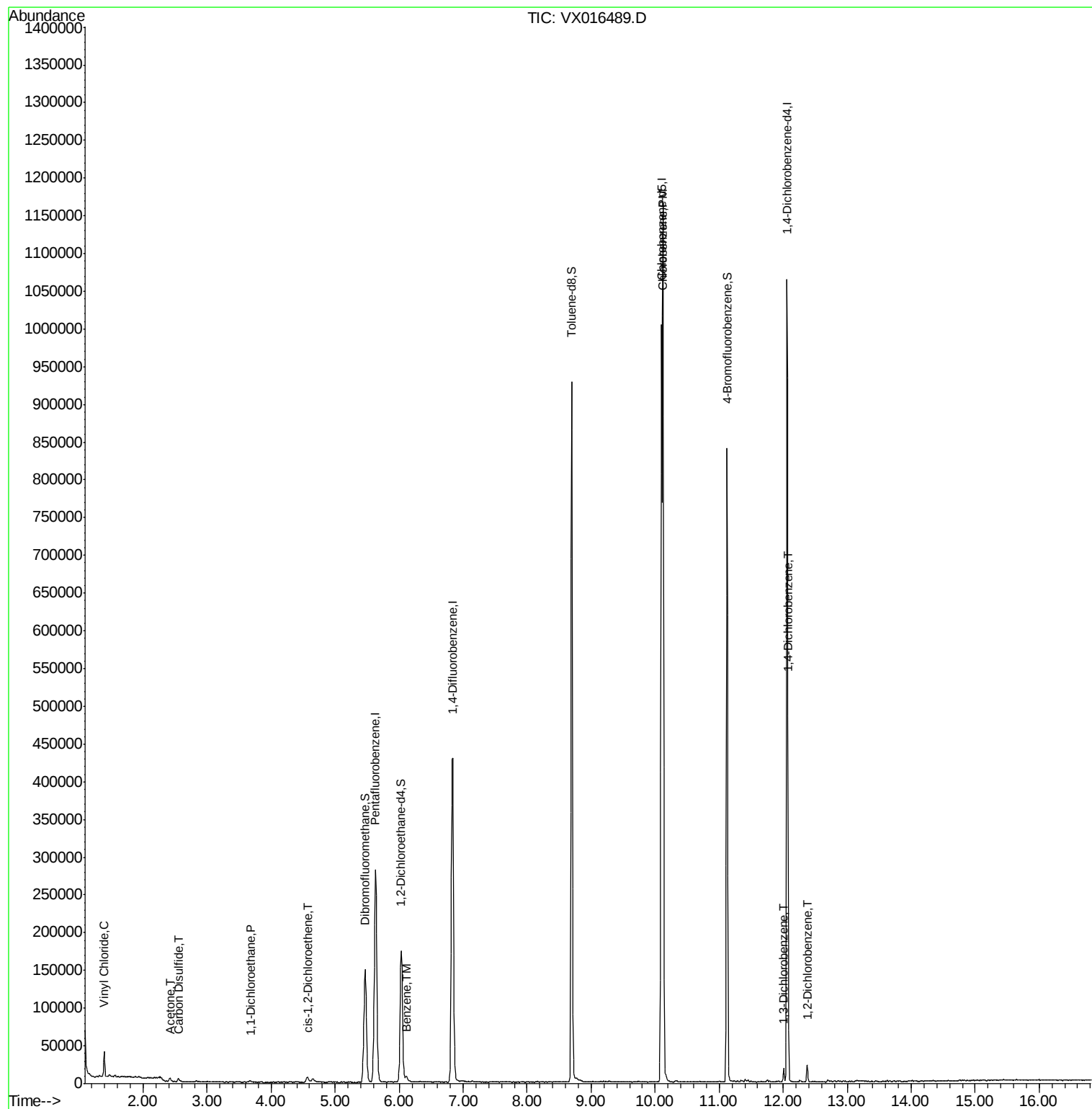
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	18695	5.361	ug/l	95
16) Acetone	2.42	43	4906	3.252	ug/l	99
17) Carbon Disulfide	2.55	76	5257	0.664	ug/l	95
24) 1,1-Dichloroethane	3.68	63	2839	0.534	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	4653	1.363	ug/l	86
40) Benzene	6.12	78	6817	0.539	ug/l #	88
65) Chlorobenzene	10.12	112	494100	54.776	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	6194	0.884	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	15049	2.101	ug/l	86
91) 1,2-Dichlorobenzene	12.38	146	6831	1.007	ug/l	98

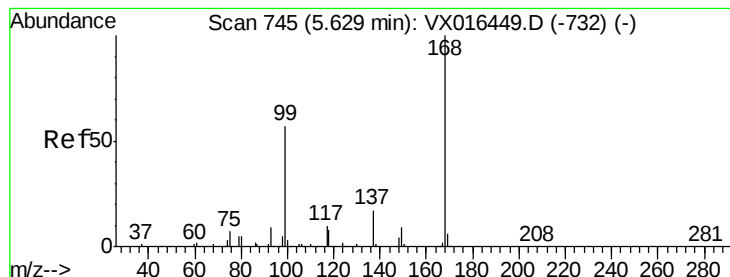
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052820\
Data File : VX016489.D
Acq On : 28 May 2020 16:40
Operator : JC/SP
Sample : L2778-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526

Quant Time: May 29 04:01:32 2020
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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016489.D

Acq: 28 May 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

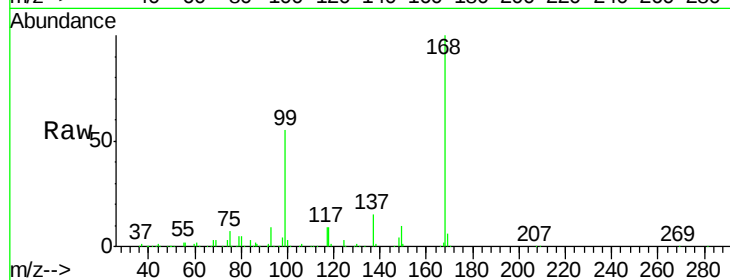
WP022RW358-200526

Tot Ion:168 Resp: 277269

Ion Ratio Lower Upper

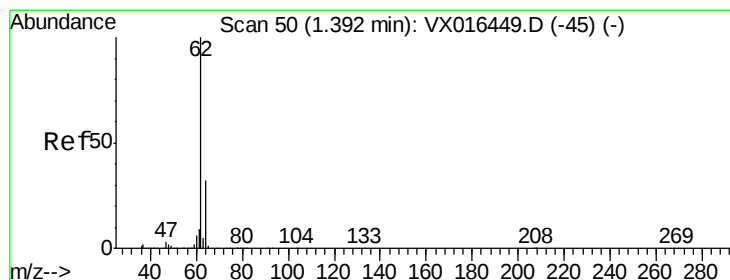
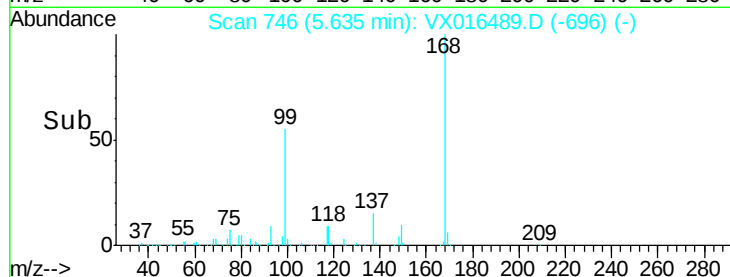
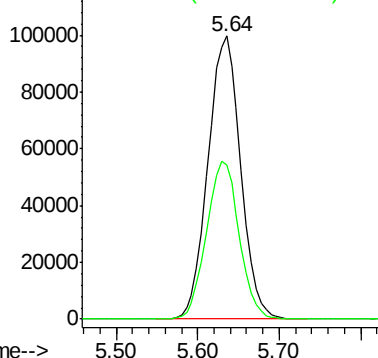
168 100

99 54.5 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: 5.361 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016489.D

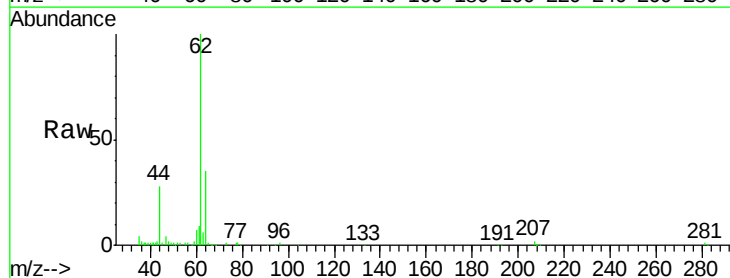
Acq: 28 May 2020 16:40

Tgt Ion: 62 Resp: 18695

Ion Ratio Lower Upper

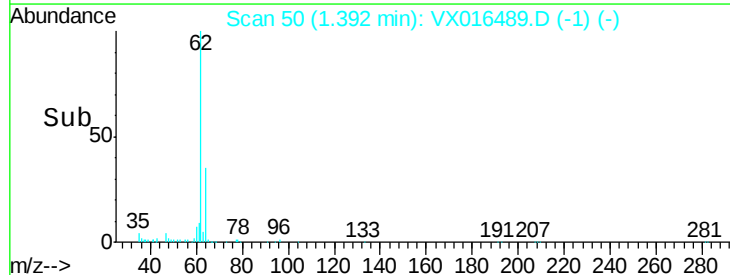
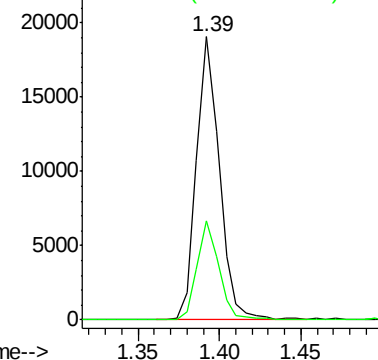
62 100

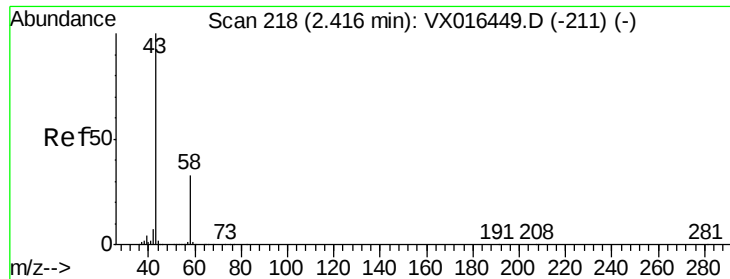
64 35.2 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 3.252 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016489.D

Acq: 28 May 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

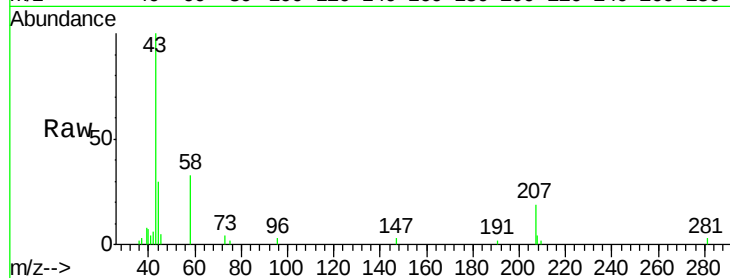
WP022RW358-200526

Tot Ion: 43 Resp: 4906

Ion Ratio Lower Upper

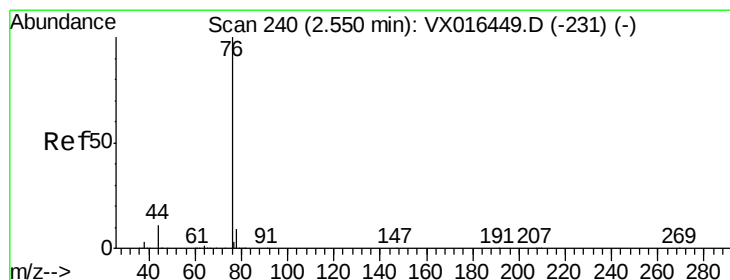
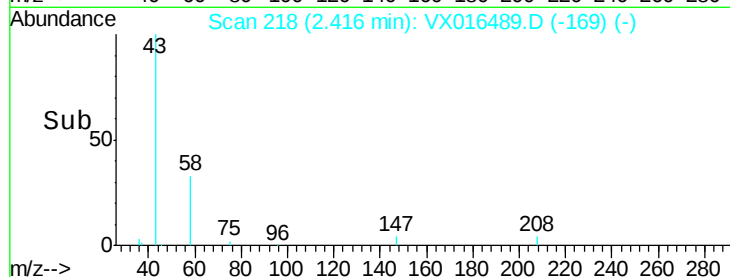
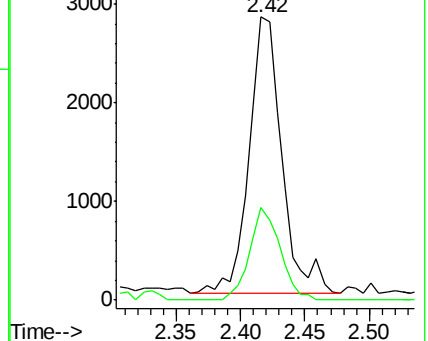
43 100

58 33.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.664 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016489.D

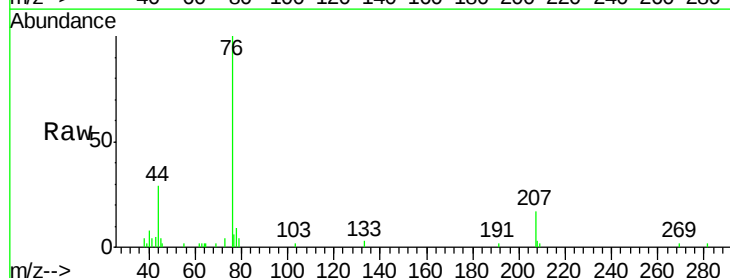
Acq: 28 May 2020 16:40

Tgt Ion: 76 Resp: 5257

Ion Ratio Lower Upper

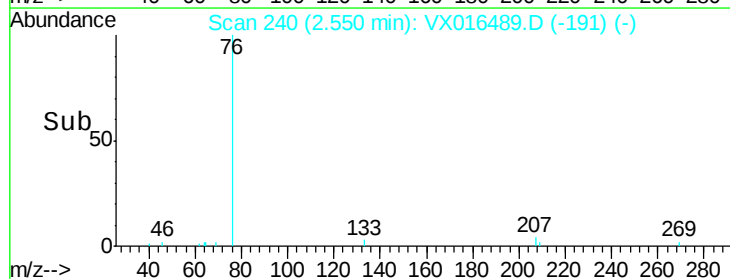
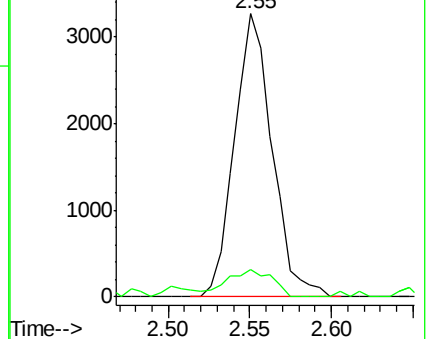
76 100

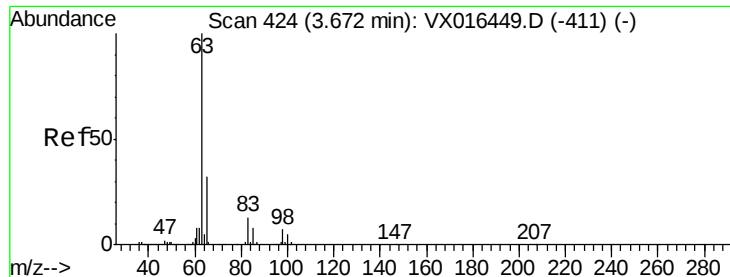
78 7.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#24

1,1-Dichloroethane

Concen: 0.534 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX016489.D

Acq: 28 May 2020 16:40

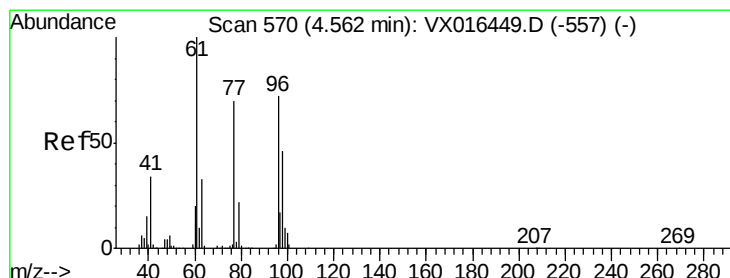
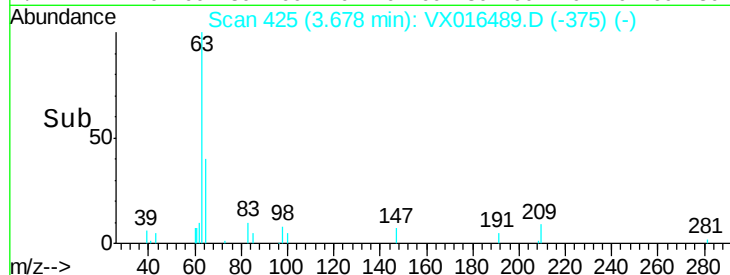
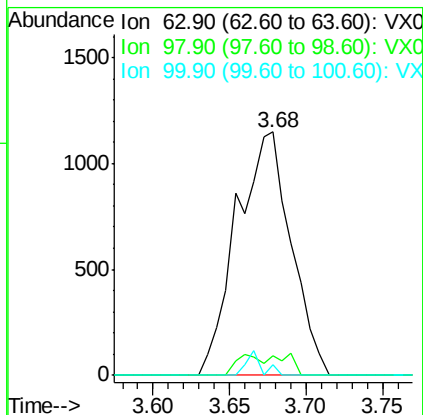
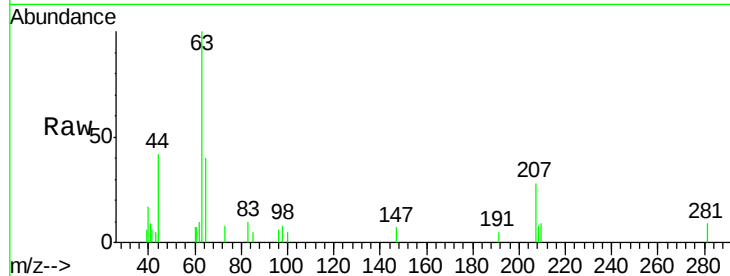
Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526

Tot Ion:	63	Resp:	2839
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.6	10.9
100	4.5	2.4	7.1



#27

cis-1,2-Dichloroethene

Concen: 1.363 ug/l

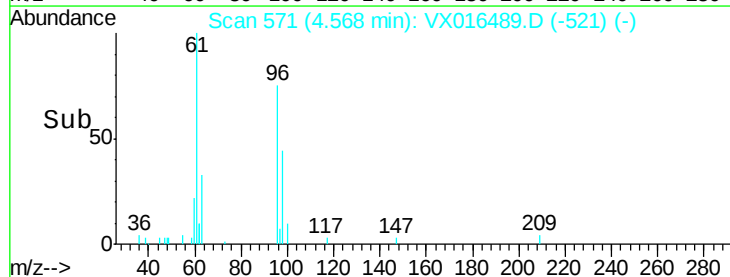
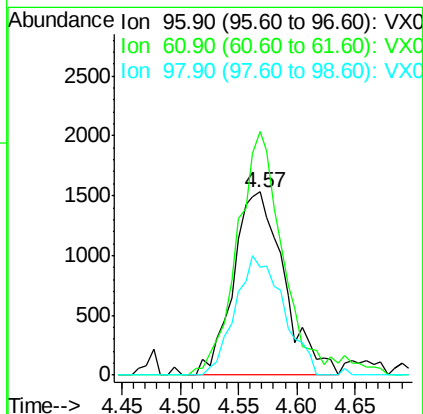
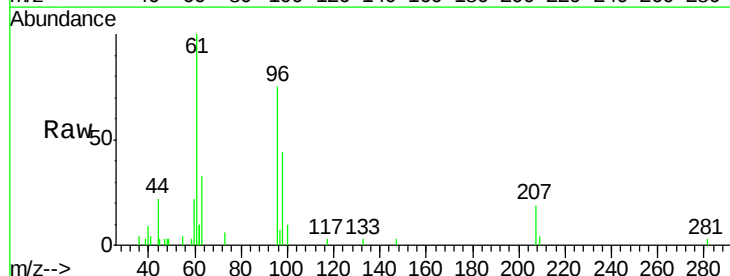
RT: 4.57 min Scan# 571

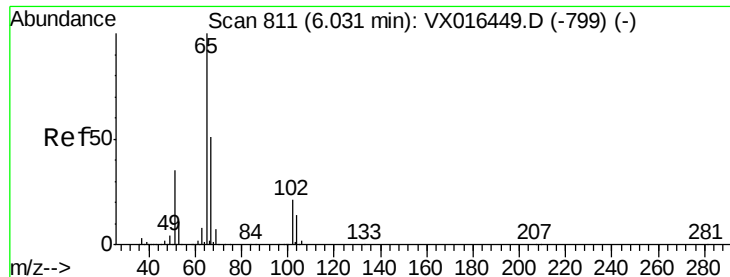
Delta R.T. 0.01 min

Lab File: VX016489.D

Acq: 28 May 2020 16:40

Tgt Ion:	96	Resp:	4653
Ion	Ratio	Lower	Upper
96	100		
61	118.8	0.0	284.6
98	61.3	0.0	127.2

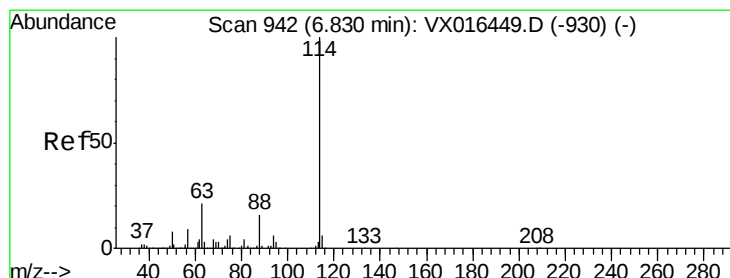
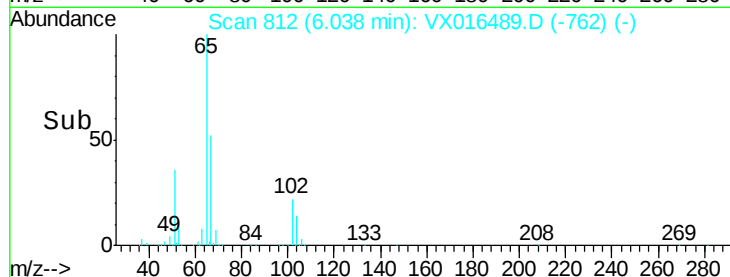
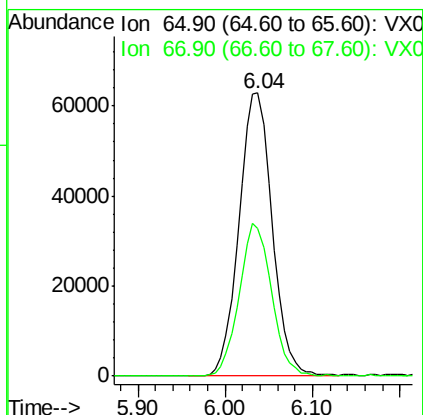
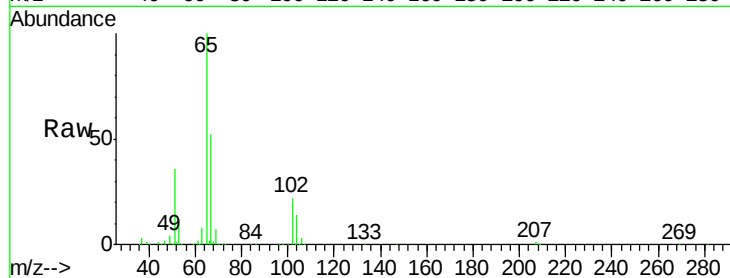




#33
 1,2-Dichloroethane-d4
 Concen: 48.208 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016489.D
 Acq: 28 May 2020 16:40

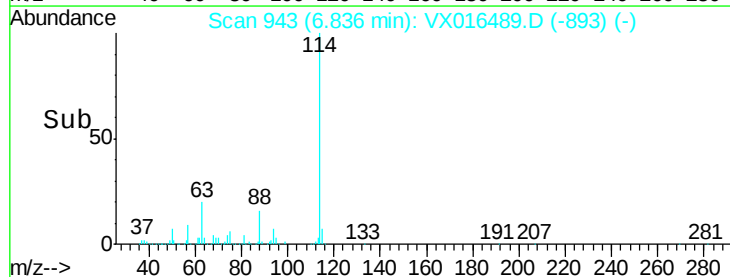
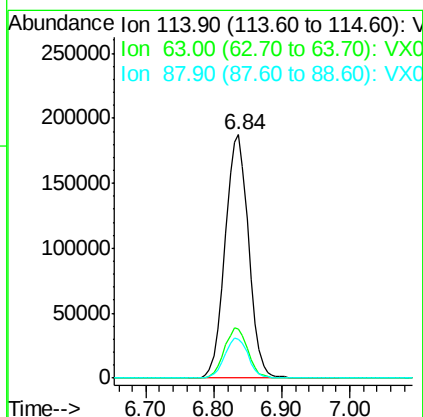
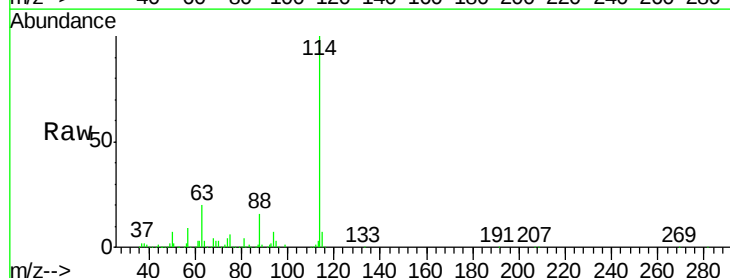
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526

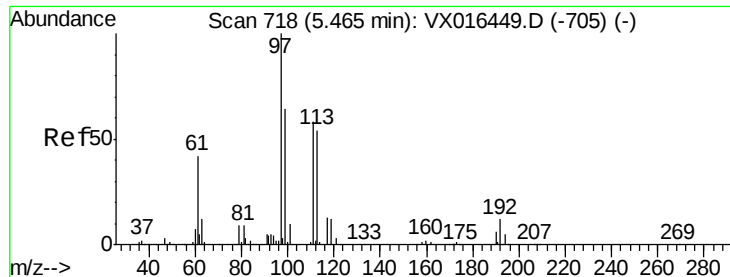
Tot Ion: 65 Resp: 165995
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016489.D
 Acq: 28 May 2020 16:40

Tgt Ion: 114 Resp: 448153
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.200 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016489.D

Acq: 28 May 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526

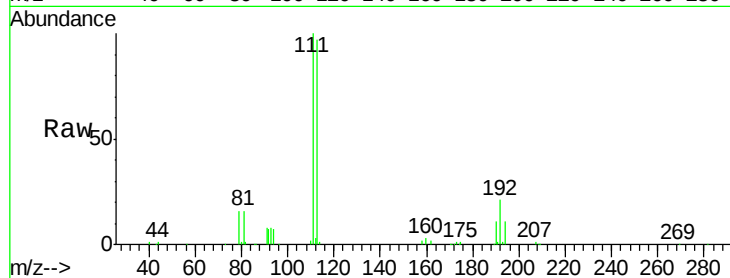
Tot Ion:113 Resp: 130247

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

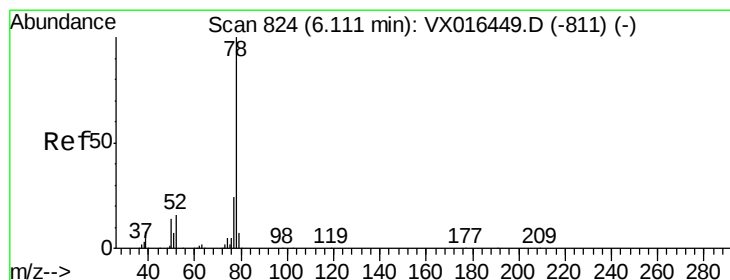
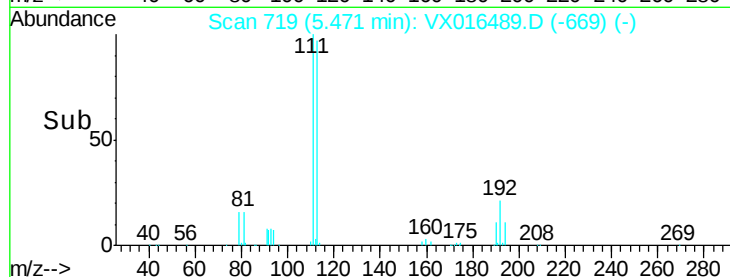
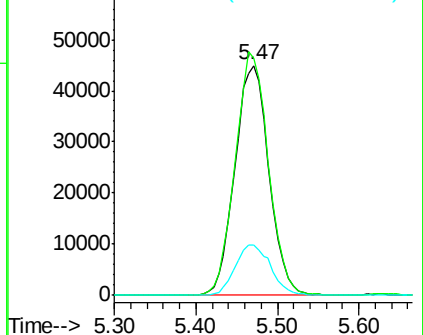
192 22.8 17.7 26.5



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



#40

Benzene

Concen: 0.539 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016489.D

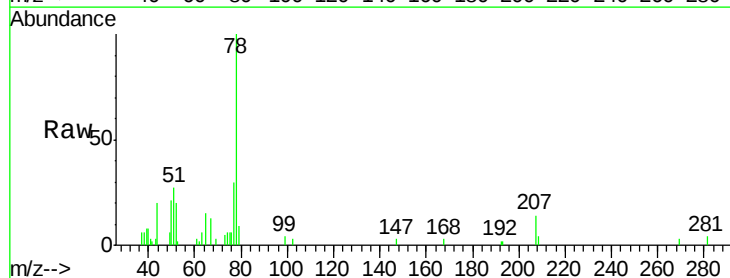
Acq: 28 May 2020 16:40

Tgt Ion: 78 Resp: 6817

Ion Ratio Lower Upper

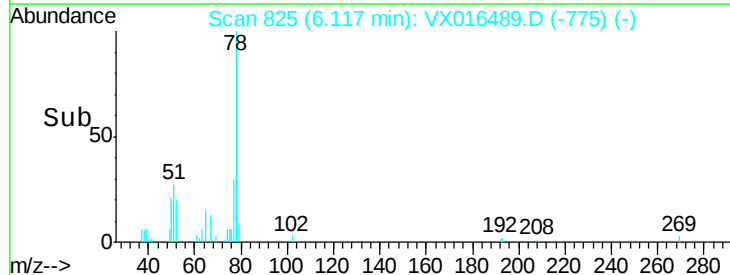
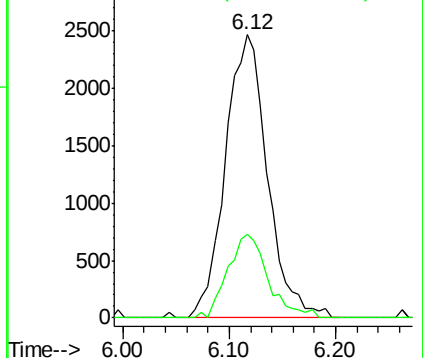
78 100

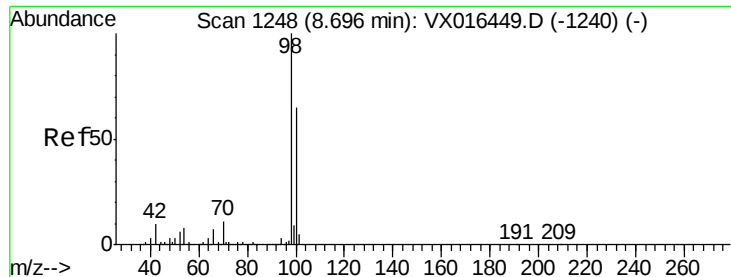
77 29.6 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 51.422 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016489.D

Acq: 28 May 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

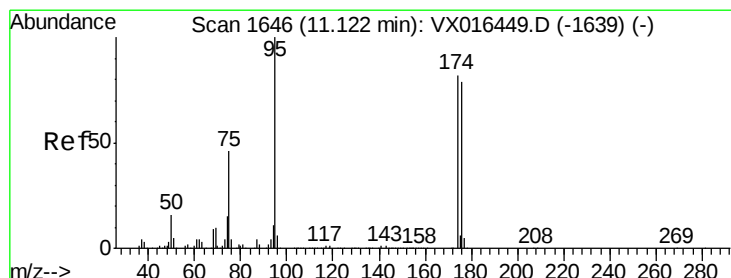
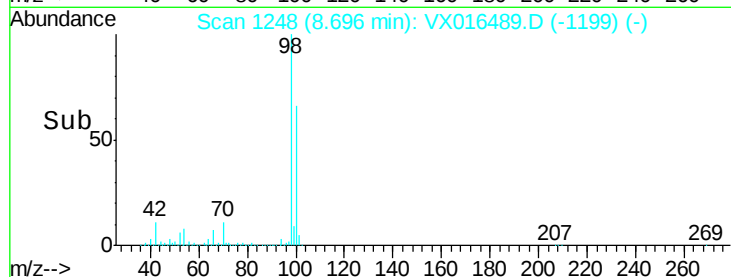
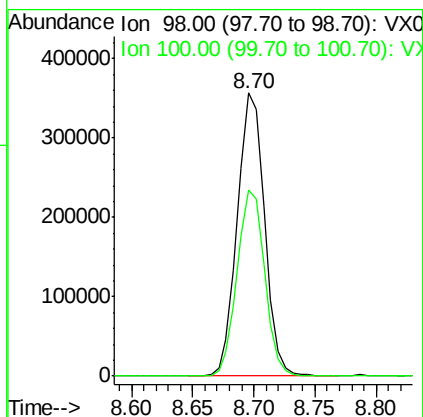
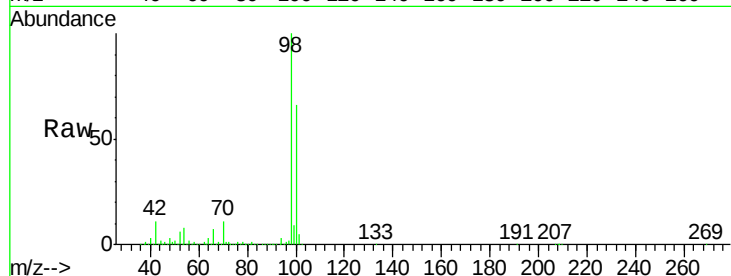
WP022RW358-200526

Tot Ion: 98 Resp: 552297

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 53.268 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016489.D

Acq: 28 May 2020 16:40

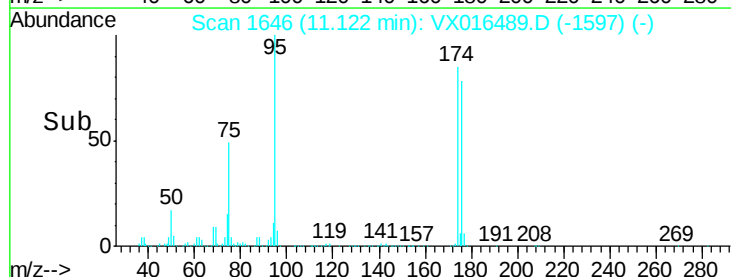
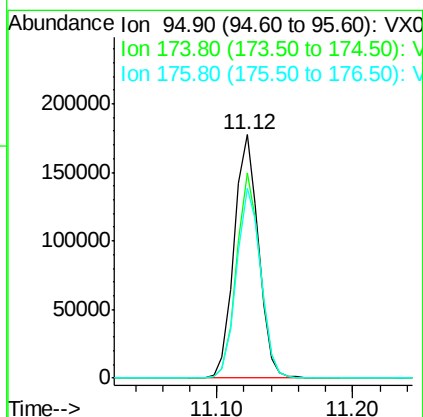
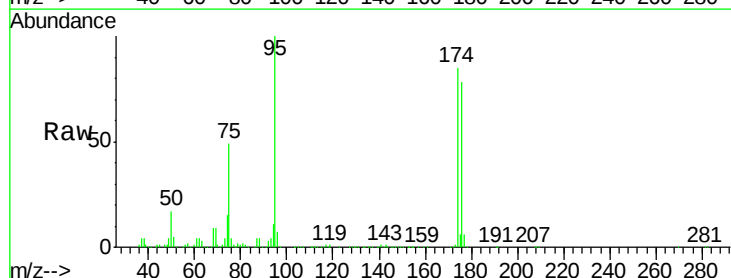
Tgt Ion: 95 Resp: 221067

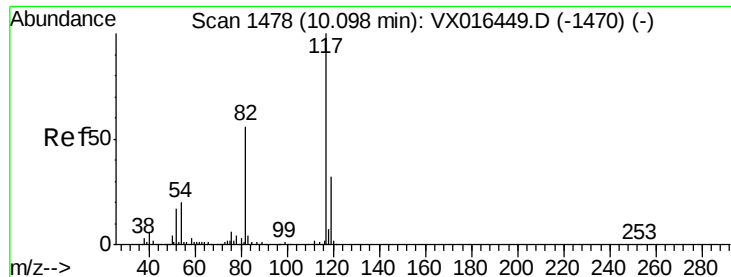
Ion Ratio Lower Upper

95 100

174 81.7 0.0 163.0

176 78.5 0.0 156.8

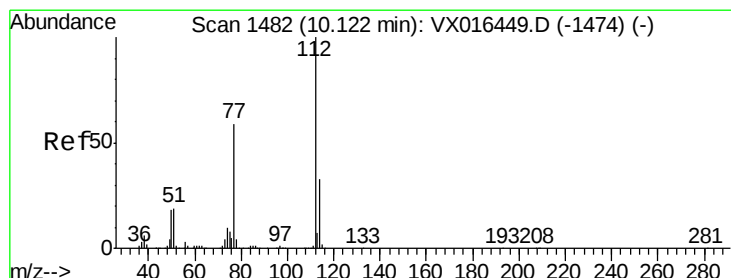
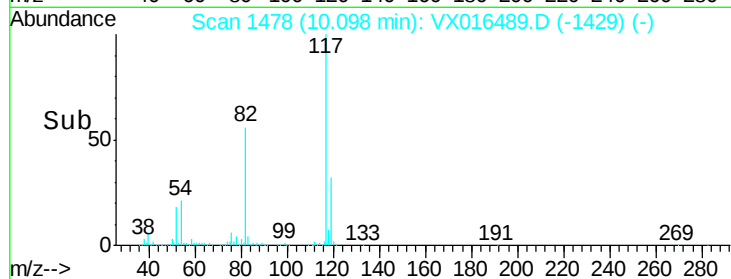
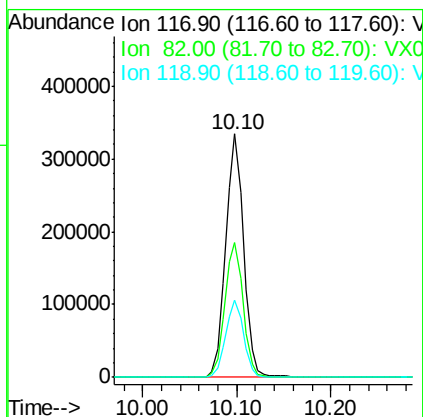
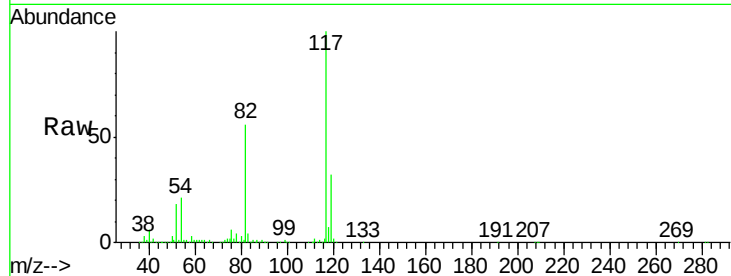




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016489.D
Acq: 28 May 2020 16:40

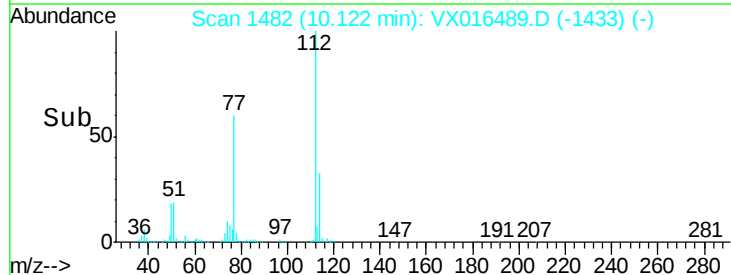
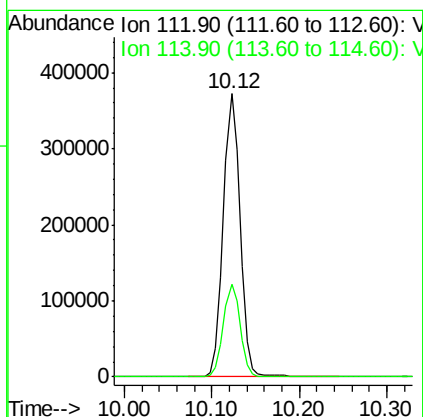
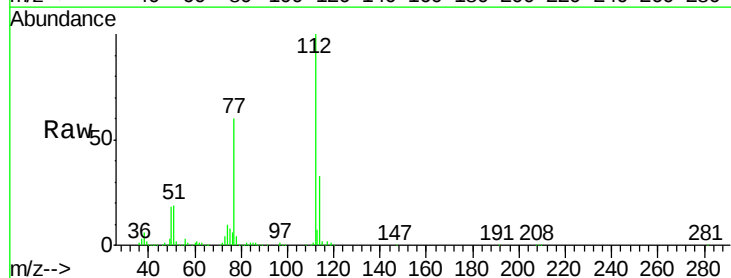
Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526

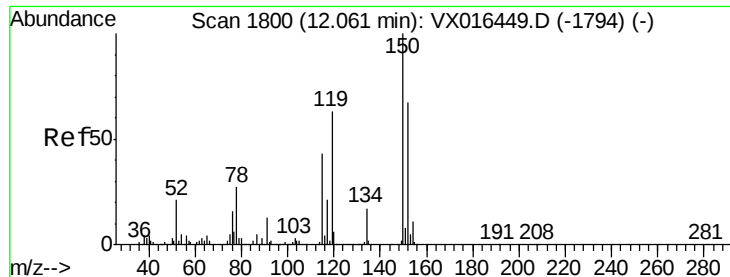
Tot Ion:117 Resp: 442454
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.6
119 31.5 25.8 38.8



#65
Chlorobenzene
Concen: 54.776 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016489.D
Acq: 28 May 2020 16:40

Tgt Ion:112 Resp: 494100
Ion Ratio Lower Upper
112 100
114 32.9 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: VX016489.D

Acq: 28 May 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526

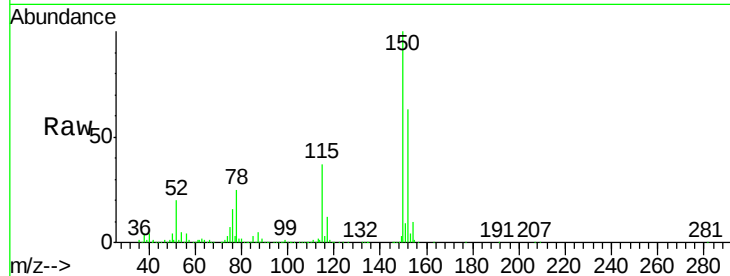
Tot Ion:152 Resp: 222476

Ion Ratio Lower Upper

152 100

115 57.7 39.9 119.6

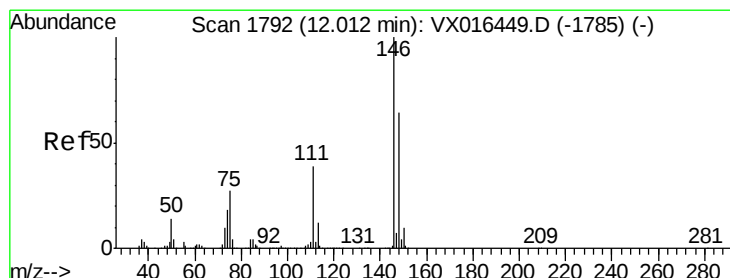
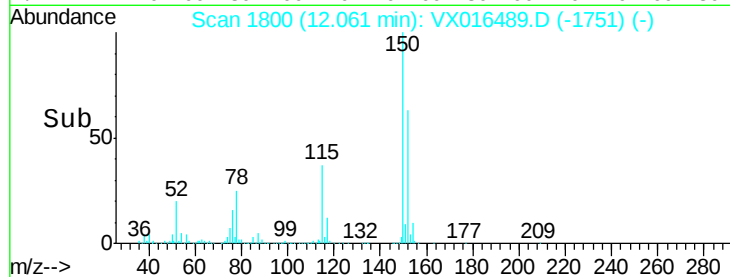
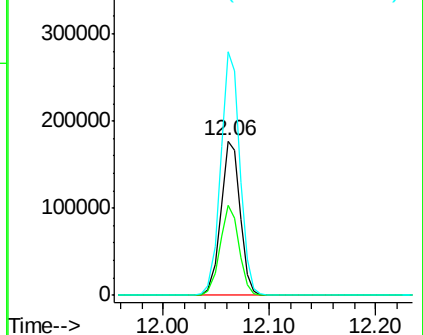
150 157.4 0.0 341.0



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



#87

1,3-Dichlorobenzene

Concen: 0.884 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016489.D

Acq: 28 May 2020 16:40

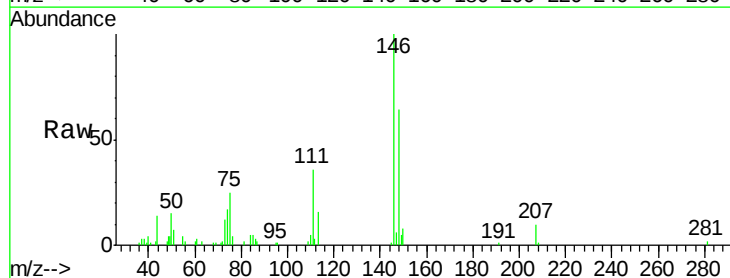
Tgt Ion:146 Resp: 6194

Ion Ratio Lower Upper

146 100

111 39.4 20.0 60.0

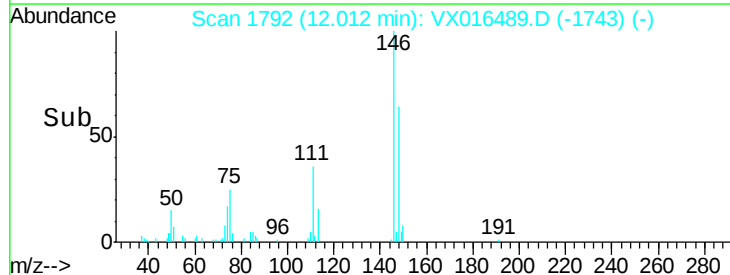
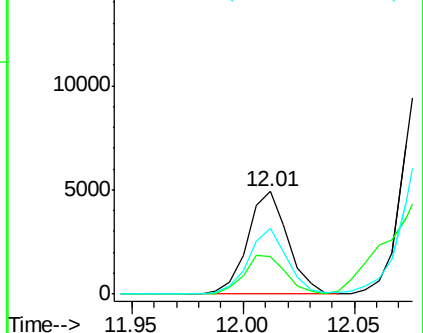
148 62.2 31.9 95.5

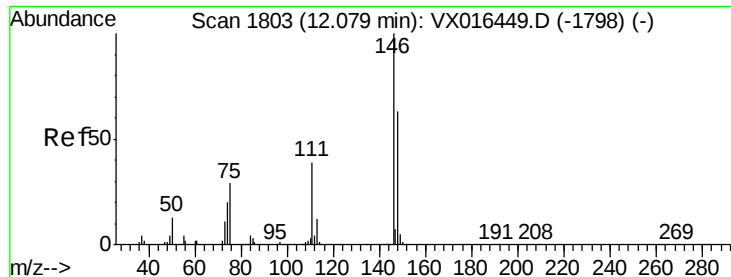


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

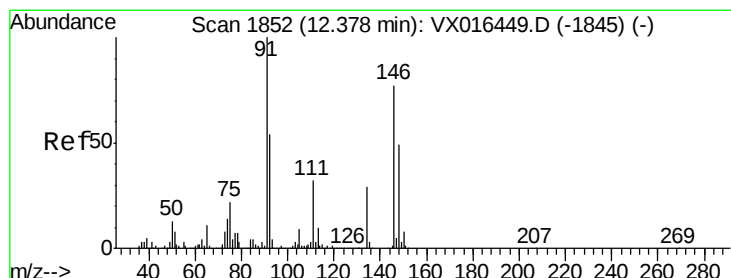
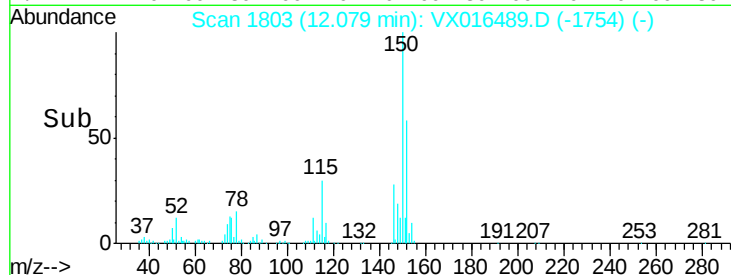
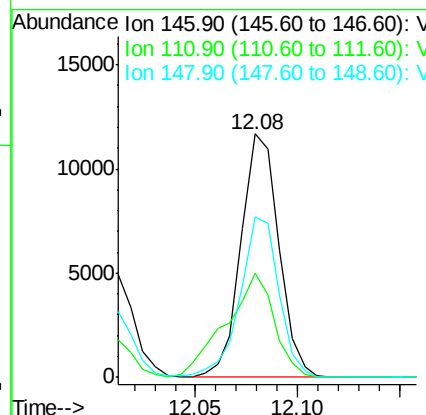
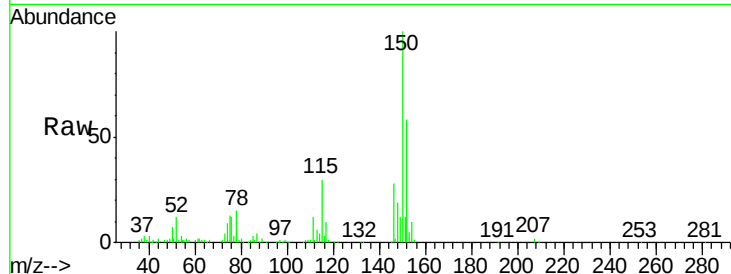




#88
 1,4-Dichlorobenzene
 Concen: 2.101 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016489.D
 Acq: 28 May 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526

Tot Ion	Ratio	Lower	Upper
146	100		
111	54.6	19.4	58.2
148	67.6	31.4	94.3



#91
 1,2-Dichlorobenzene
 Concen: 1.007 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016489.D
 Acq: 28 May 2020 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.4	64.3
148	63.1	31.9	95.7

