

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
 Data File : VX016623.D
 Acq On : 05 Jun 2020 19:41
 Operator : JC/SP
 Sample : L2926-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ163I-20200604

Quant Time: Jun 06 06:03:51 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	218660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	347545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	351372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	181637	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	133368	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
35) Dibromofluoromethane	5.47	113	106528	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	8.70	98	432568	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.12	95	171787	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	

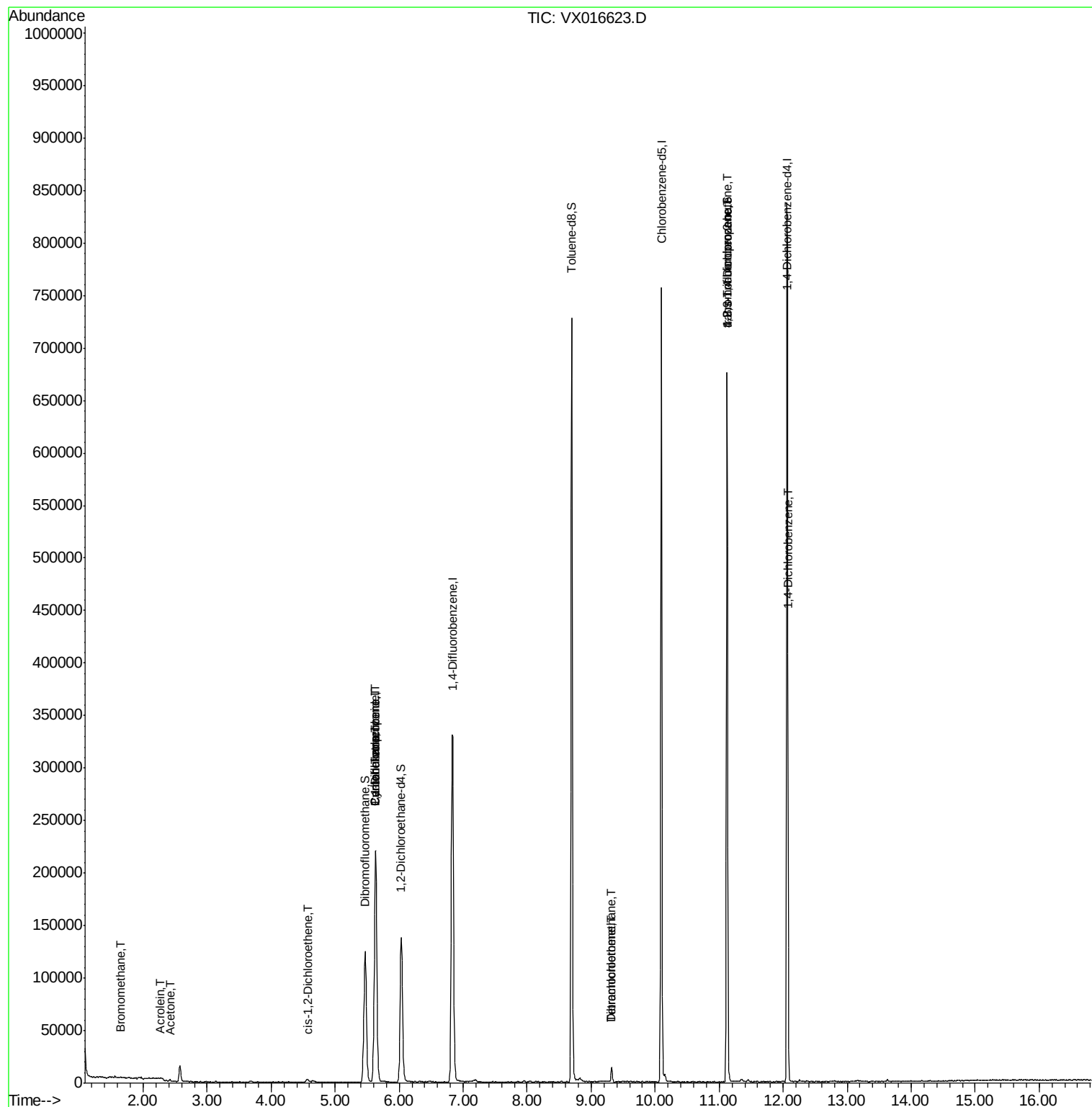
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	316	0.24	ug/l #	35
13) Acrolein	2.27	56	225	0.76	ug/l	97
16) Acetone	2.42	43	1837	1.54	ug/l #	85
27) cis-1,2-Dichloroethene	4.57	96	1869	0.69	ug/l	89
31) Cyclohexane	5.63	56	3669	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15348	4.66	ug/l #	51
38) Carbon Tetrachloride	5.63	117	20759	6.00	ug/l #	17
60) Dibromochloromethane	9.32	129	2347	0.85	ug/l #	11
64) Tetrachloroethene	9.32	164	2601	0.66	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	85495	21.41	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	85495	52.68	ug/l #	14
88) 1,4-Dichlorobenzene	12.08	146	1310	0.22	ug/l #	1

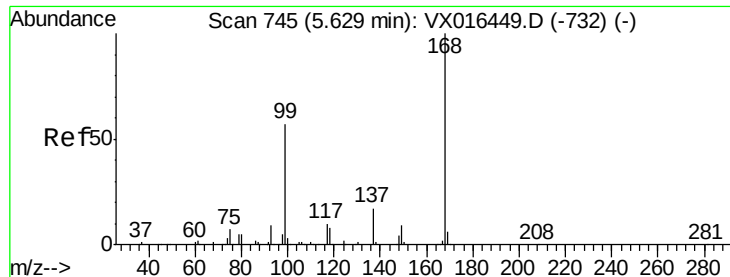
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016623.D

Acq: 05 Jun 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

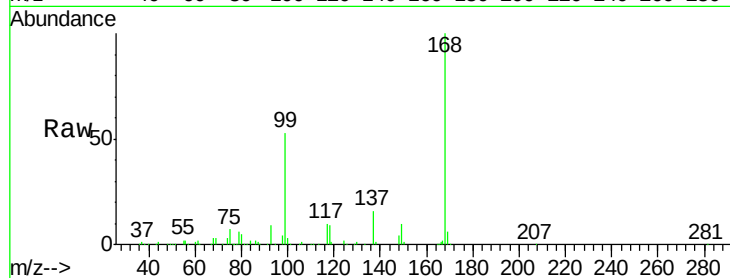
SA-PZ163I-20200604

Tgt Ion:168 Resp: 218660

Ion Ratio Lower Upper

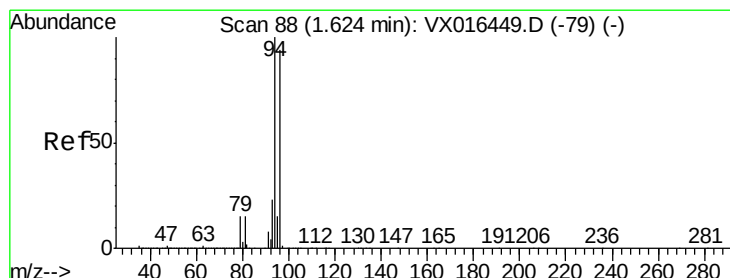
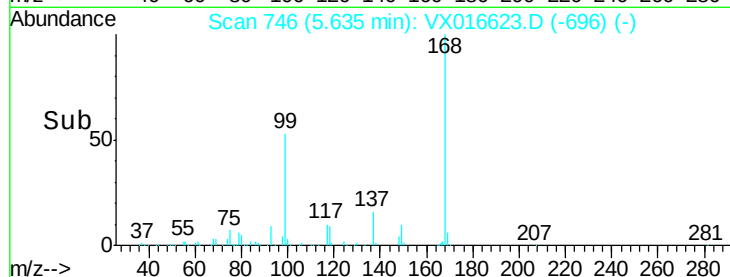
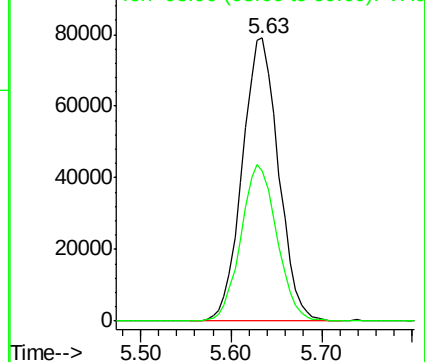
168 100

99 53.2 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.24 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016623.D

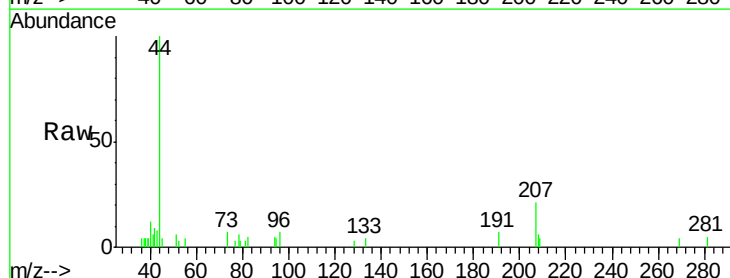
Acq: 05 Jun 2020 19:41

Tgt Ion: 94 Resp: 316

Ion Ratio Lower Upper

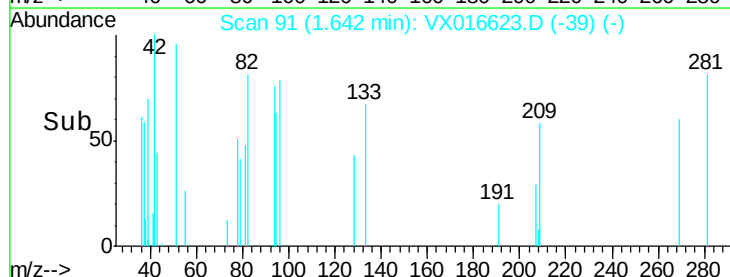
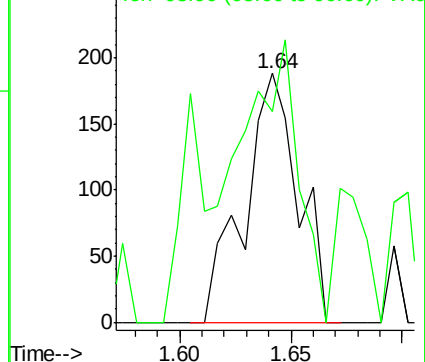
94 100

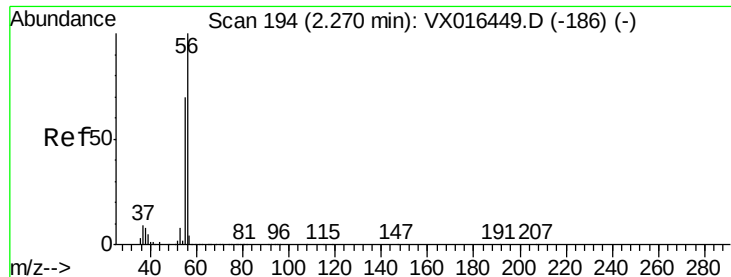
96 30.9 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#13

Acrolein

Concen: 0.76 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016623.D

Acq: 05 Jun 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

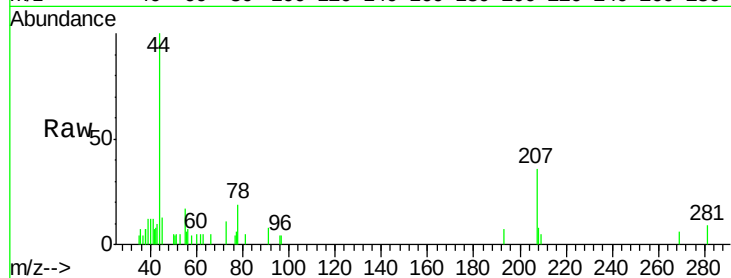
SA-PZ163I-20200604

Tgt Ion: 56 Resp: 225

Ion Ratio Lower Upper

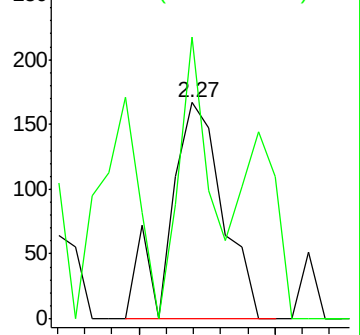
56 100

55 75.6 58.3 87.5

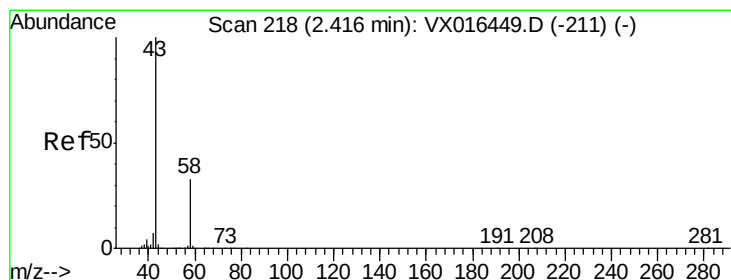
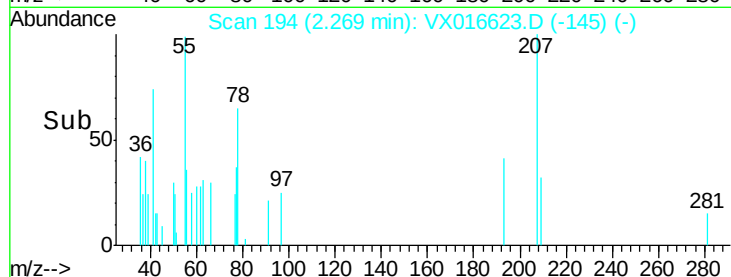


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 1.54 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016623.D

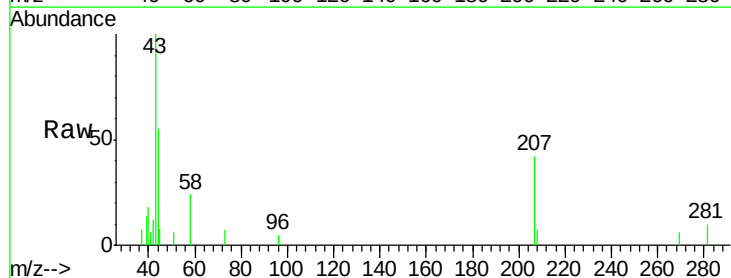
Acq: 05 Jun 2020 19:41

Tgt Ion: 43 Resp: 1837

Ion Ratio Lower Upper

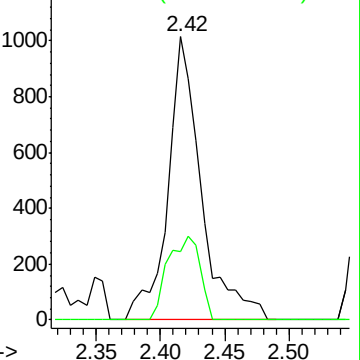
43 100

58 24.1 26.1 39.1#

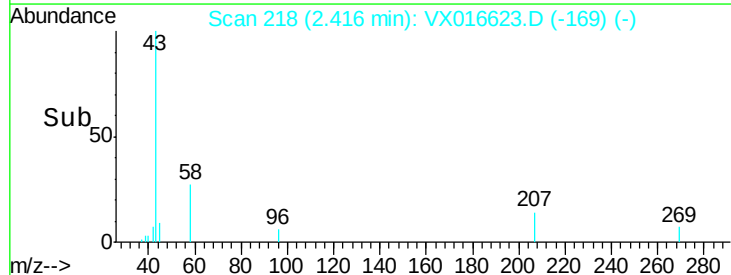


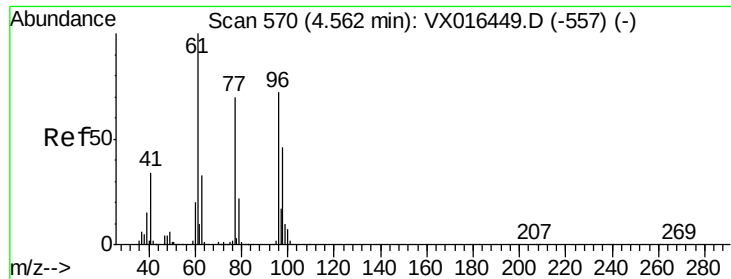
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



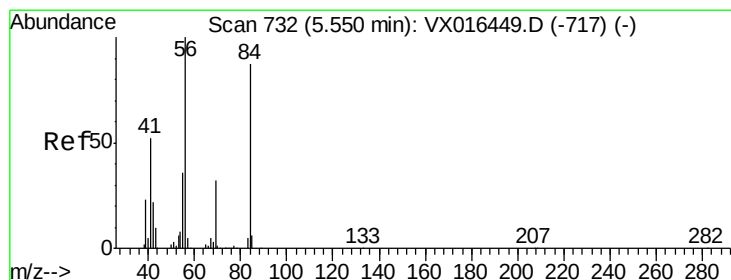
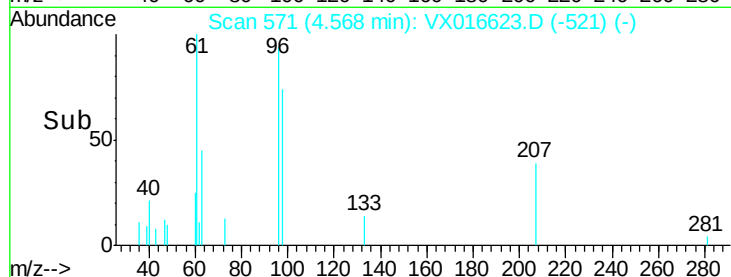
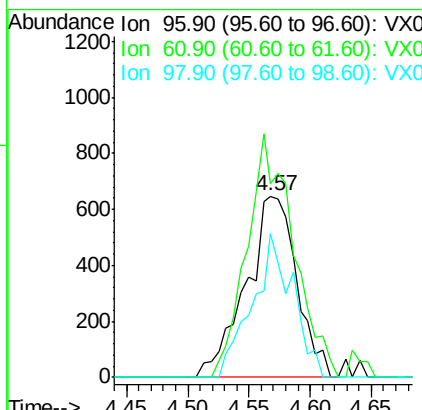
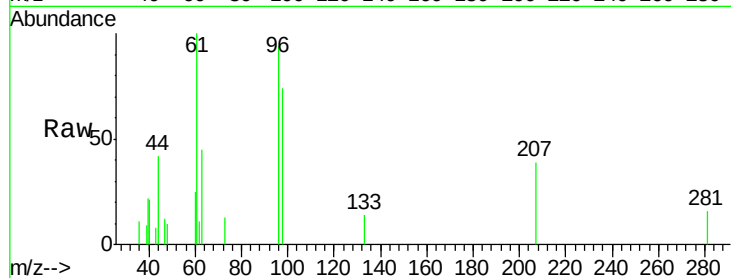


#27

cis-1,2-Dichloroethene
Concen: 0.69 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016623.D
Acq: 05 Jun 2020 19:41

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ163I-20200604

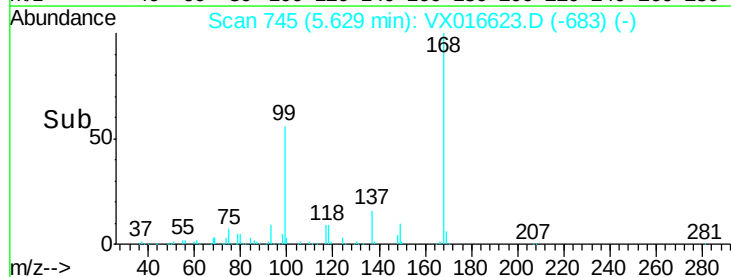
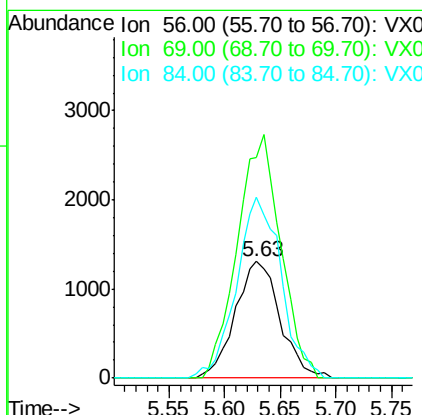
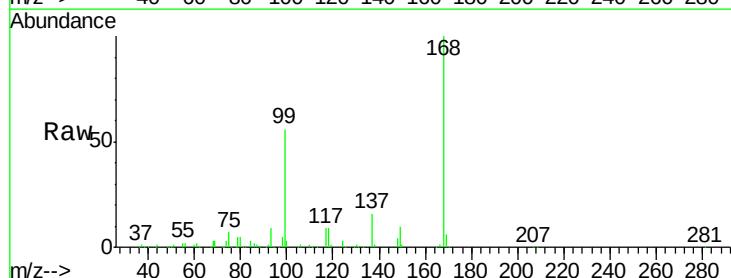
Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.2	0.0	284.6
98	63.0	0.0	127.2

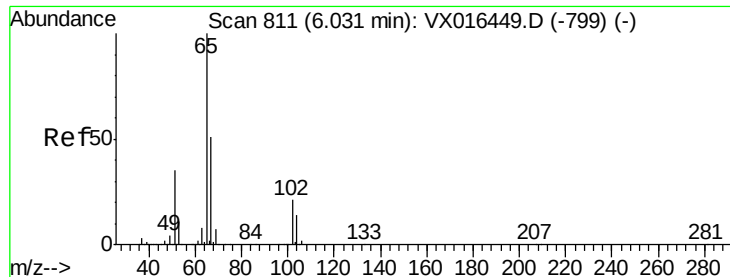


#31

Cyclohexane
Concen: 0.97 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016623.D
Acq: 05 Jun 2020 19:41

Tgt Ion	Ratio	Lower	Upper
56	100		
69	189.3	25.7	38.5#
84	154.9	70.0	105.0#

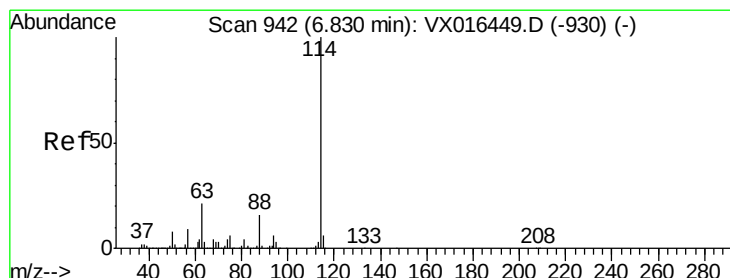
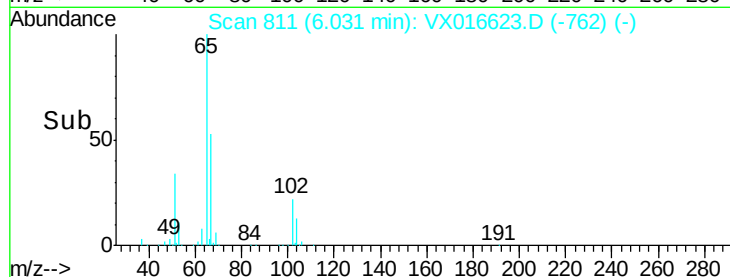
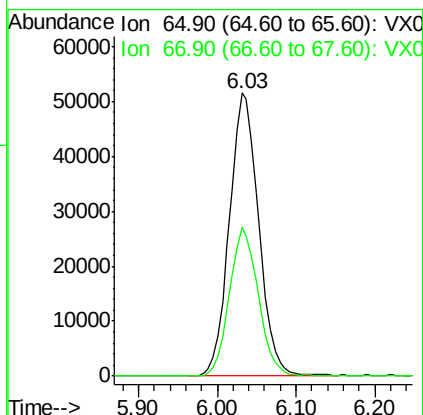
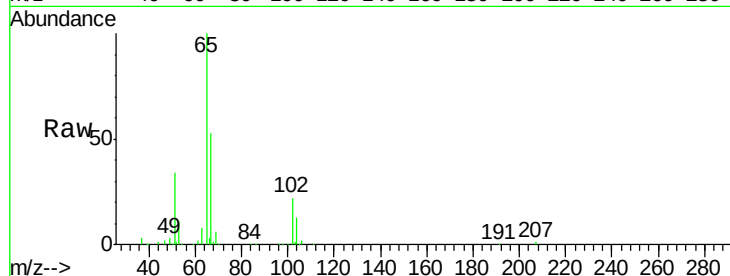




#33
 1,2-Dichloroethane-d4
 Concen: 49.11 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016623.D
 Acq: 05 Jun 2020 19:41

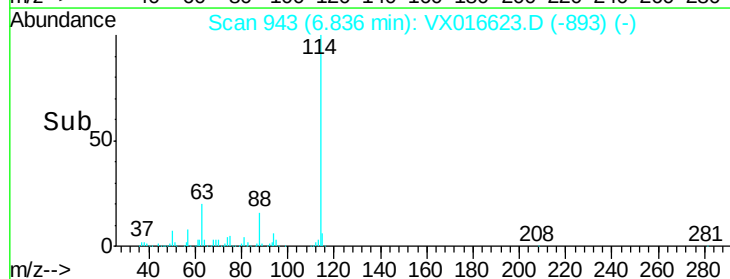
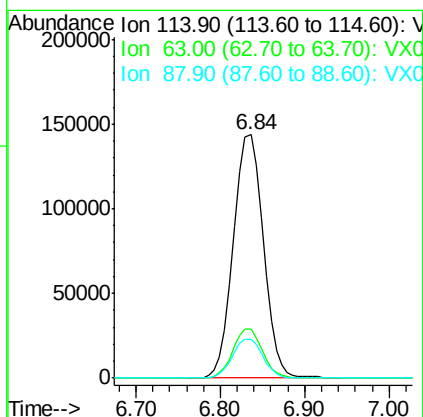
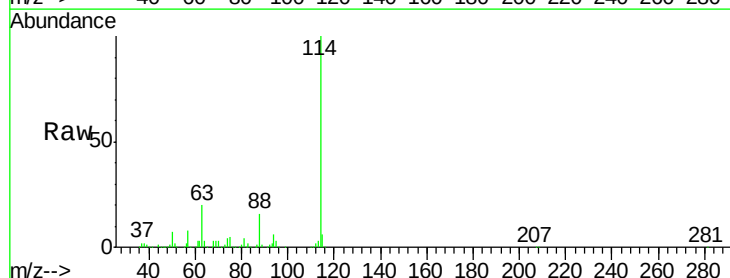
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ163I-20200604

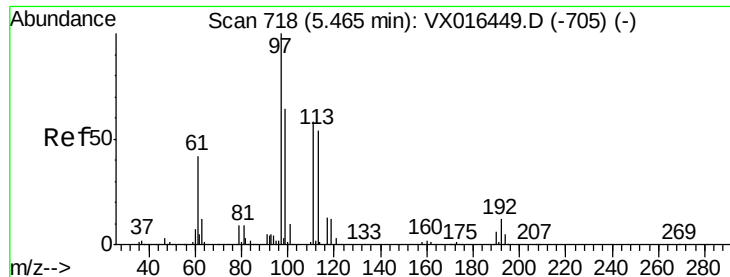
Tgt Ion: 65 Resp: 133368
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016623.D
 Acq: 05 Jun 2020 19:41

Tgt Ion: 114 Resp: 347545
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.78 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016623.D

Acq: 05 Jun 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ163I-20200604

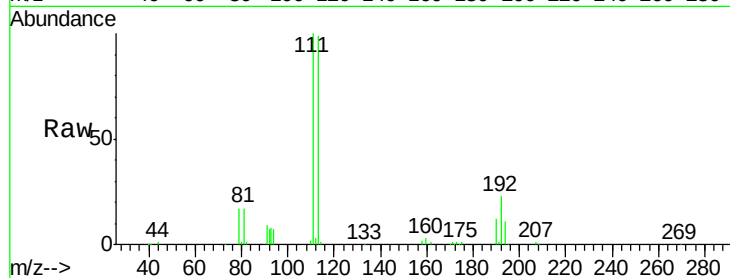
Tgt Ion:113 Resp: 106528

Ion Ratio Lower Upper

113 100

111 105.5 83.0 124.6

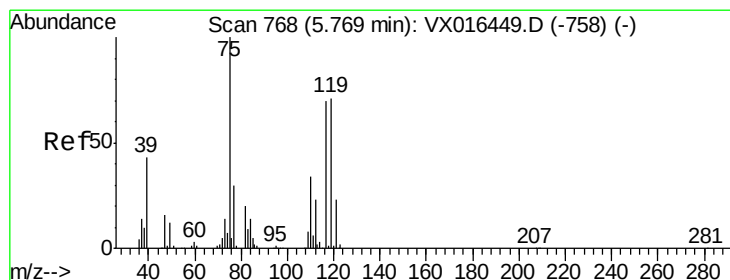
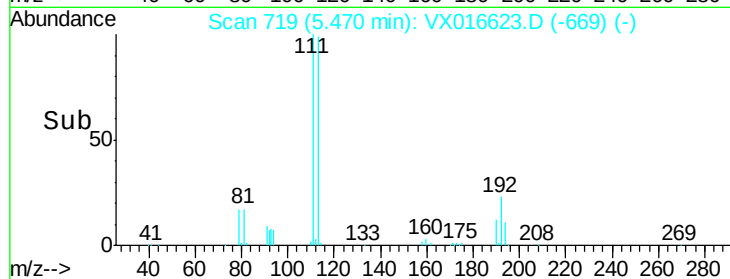
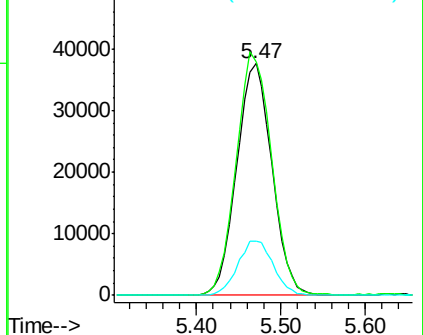
192 23.8 17.7 26.5



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



#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016623.D

Acq: 05 Jun 2020 19:41

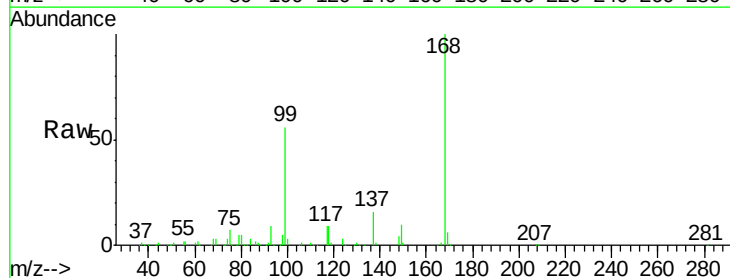
Tgt Ion: 75 Resp: 15348

Ion Ratio Lower Upper

75 100

110 9.4 17.4 52.3#

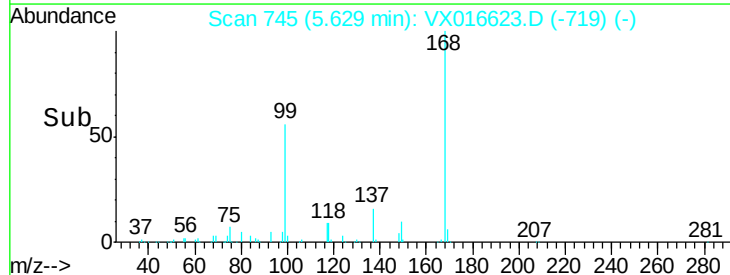
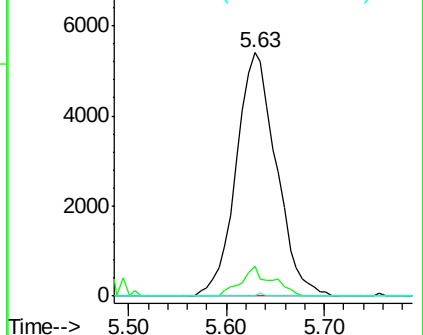
77 0.1 24.2 36.4#

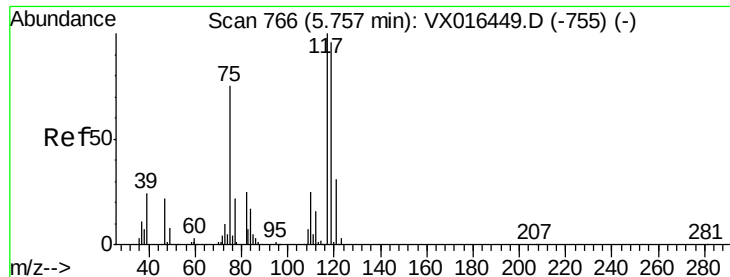


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.00 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016623.D

Acq: 05 Jun 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ163I-20200604

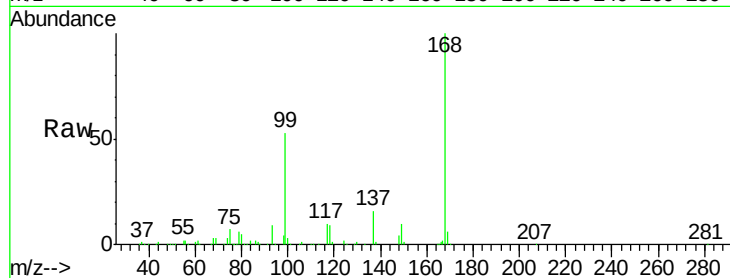
Tgt Ion:117 Resp: 20759

Ion Ratio Lower Upper

117 100

119 5.6 76.3 114.5#

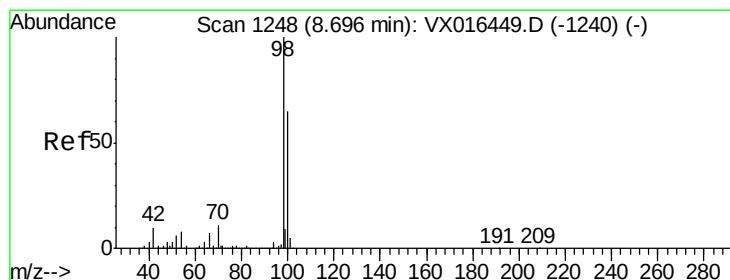
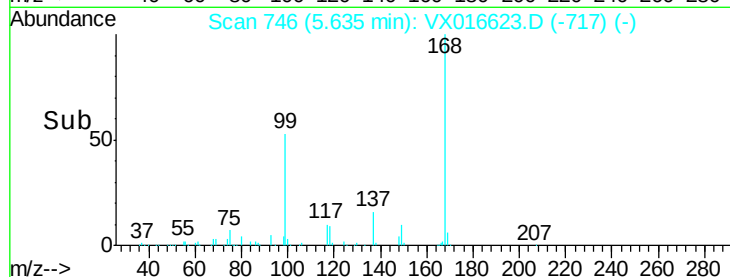
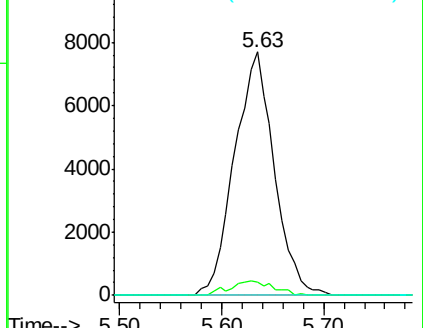
121 0.0 24.6 37.0#



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: 51.93 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016623.D

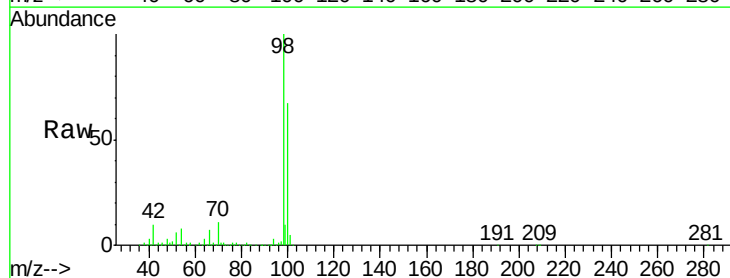
Acq: 05 Jun 2020 19:41

Tgt Ion: 98 Resp: 432568

Ion Ratio Lower Upper

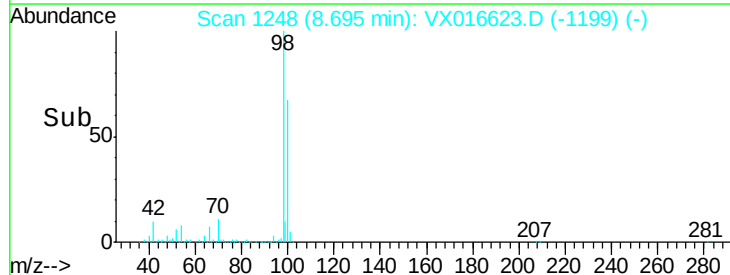
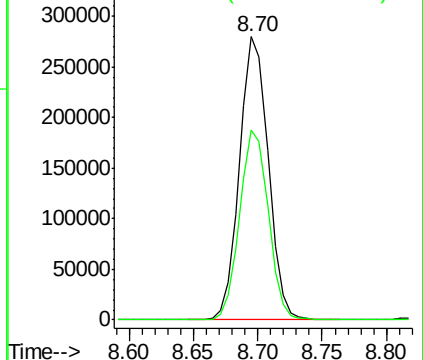
98 100

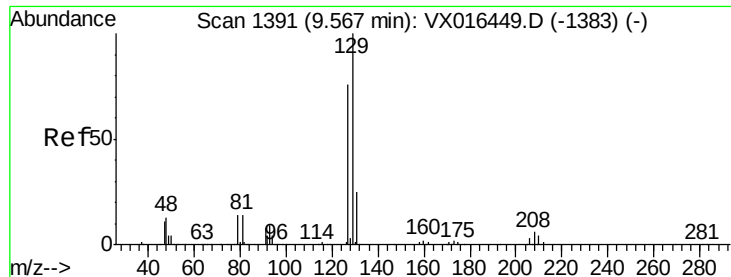
100 66.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 0.85 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. -0.24 min

Lab File: VX016623.D

Acq: 05 Jun 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

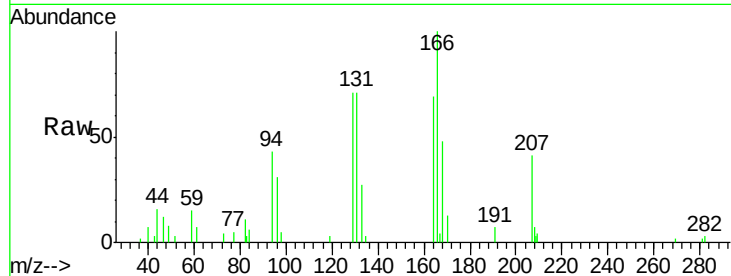
SA-PZ163I-20200604

Tgt Ion:129 Resp: 2347

Ion Ratio Lower Upper

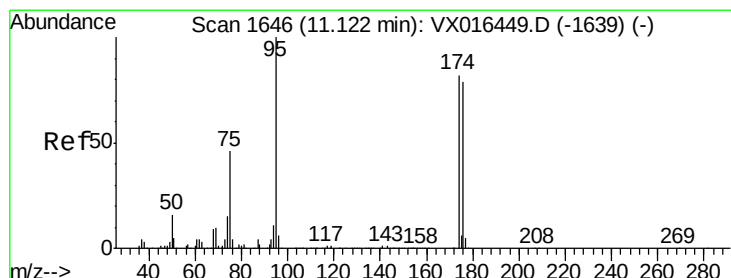
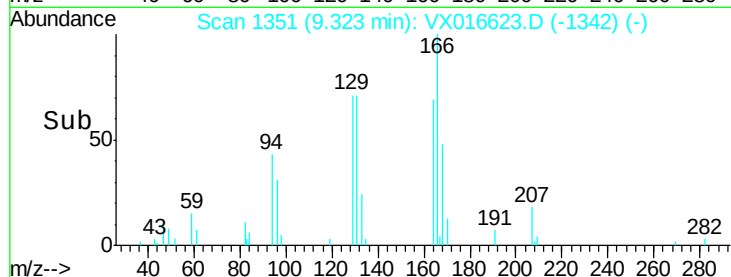
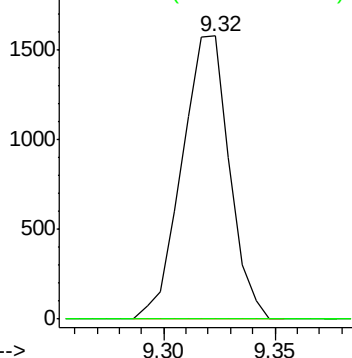
129 100

127 0.0 38.6 116.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 53.38 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016623.D

Acq: 05 Jun 2020 19:41

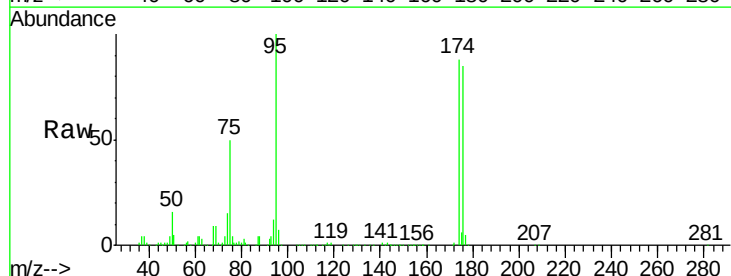
Tgt Ion: 95 Resp: 171787

Ion Ratio Lower Upper

95 100

174 86.9 0.0 163.0

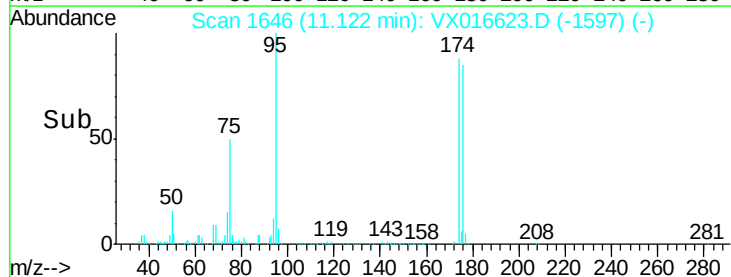
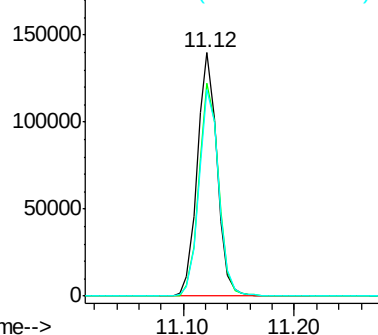
176 84.6 0.0 156.8

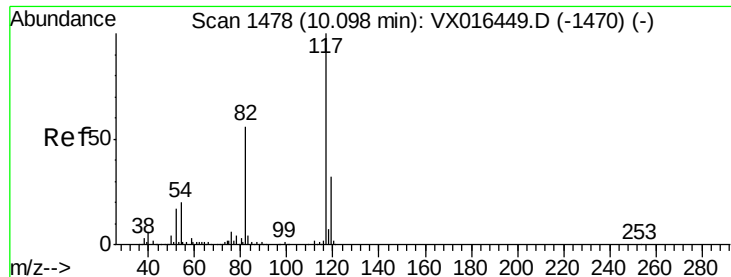


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

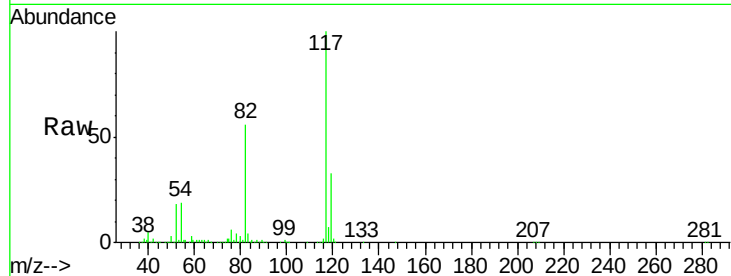




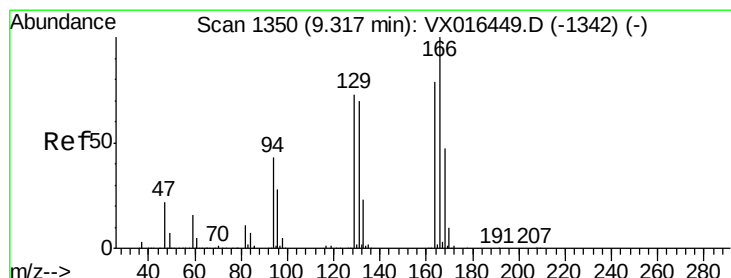
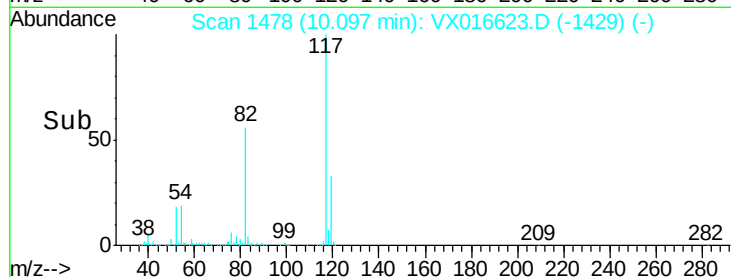
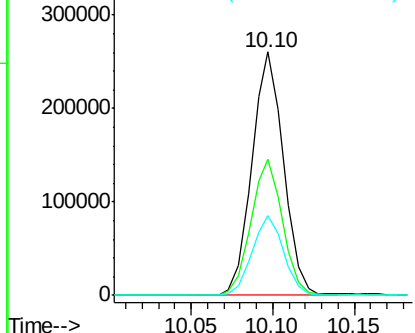
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016623.D
Acq: 05 Jun 2020 19:41

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ163I-20200604

Tgt Ion:117 Resp: 351372
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.6
119 32.7 25.8 38.8

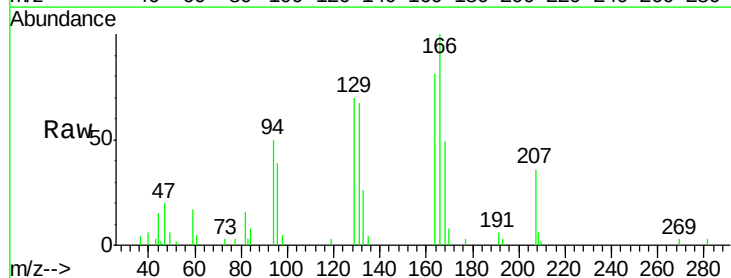


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

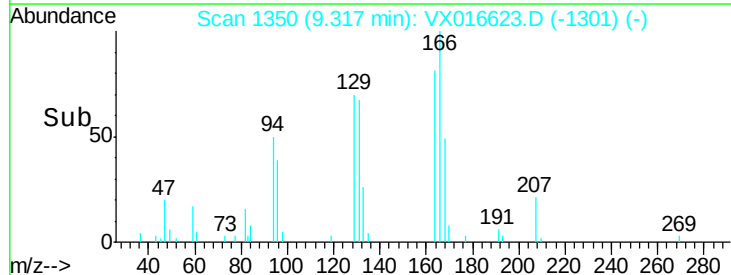
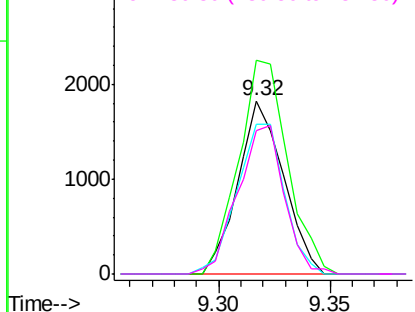


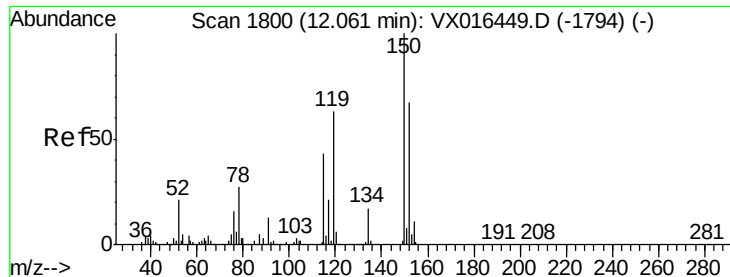
#64
Tetrachloroethene
Concen: 0.66 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016623.D
Acq: 05 Jun 2020 19:41

Tgt Ion:164 Resp: 2601
Ion Ratio Lower Upper
164 100
166 123.5 100.9 151.3
129 86.3 73.2 109.8
131 82.7 70.8 106.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016623.D

Acq: 05 Jun 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ163I-20200604

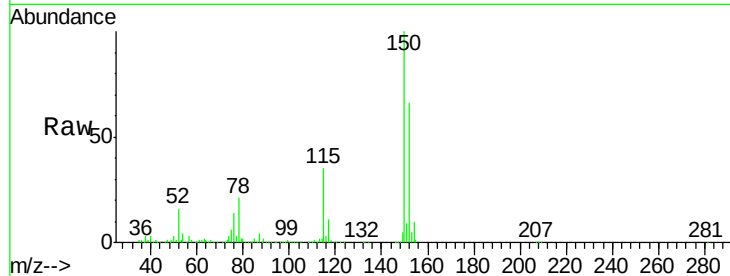
Tgt Ion: 152 Resp: 181637

Ion Ratio Lower Upper

152 100

115 57.7 39.9 119.6

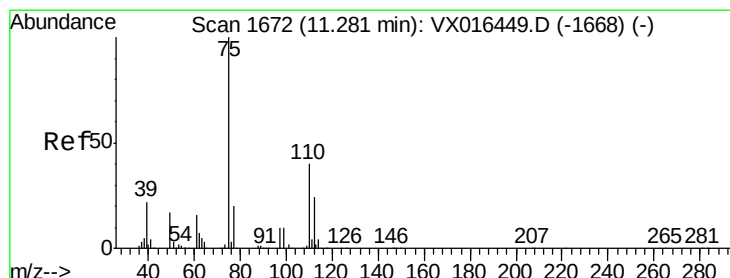
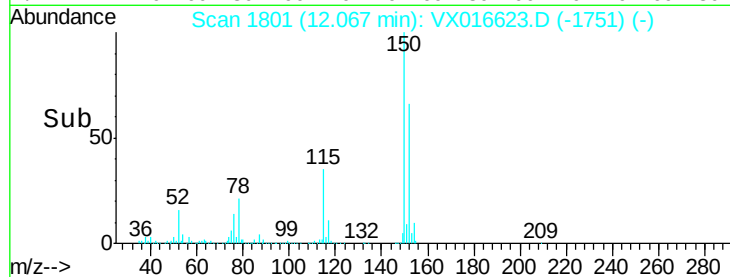
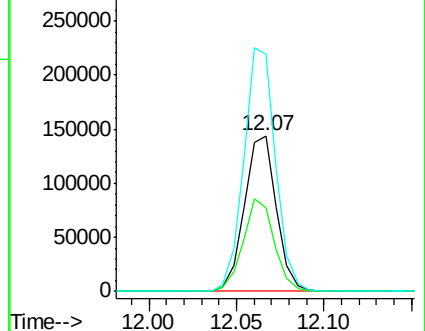
150 155.7 0.0 341.0



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



#76

1,2,3-Trichloropropane

Concen: 21.41 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016623.D

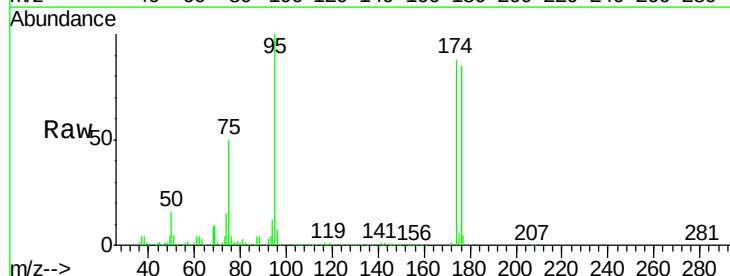
Acq: 05 Jun 2020 19:41

Tgt Ion: 75 Resp: 85495

Ion Ratio Lower Upper

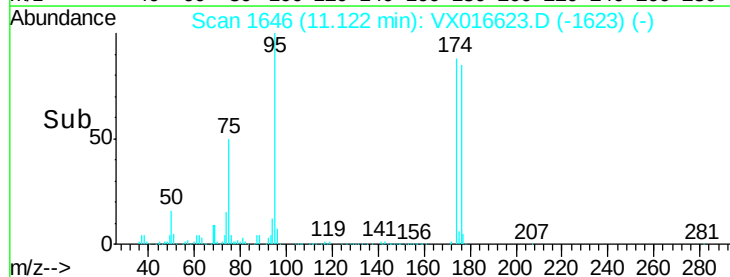
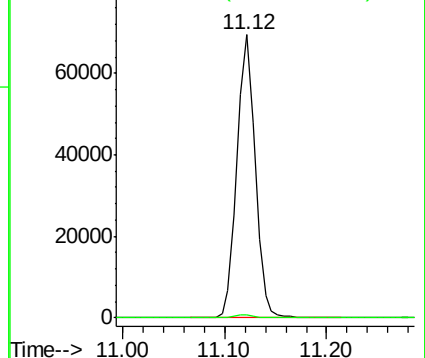
75 100

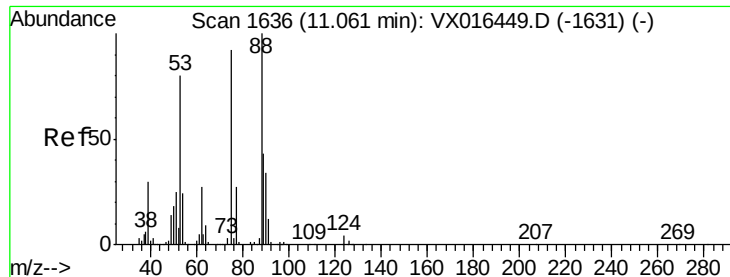
77 1.2 21.3 63.7#



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: 52.68 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016623.D

Acq: 05 Jun 2020 19:41

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ1631-20200604

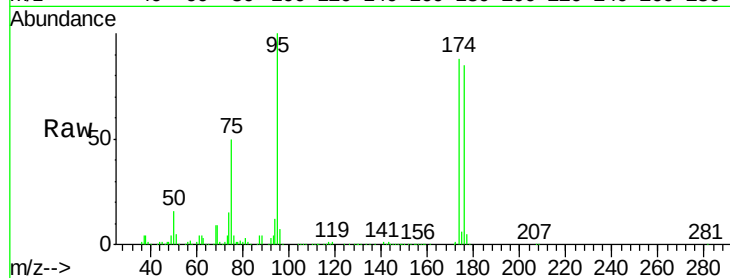
Tgt Ion: 75 Resp: 85495

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

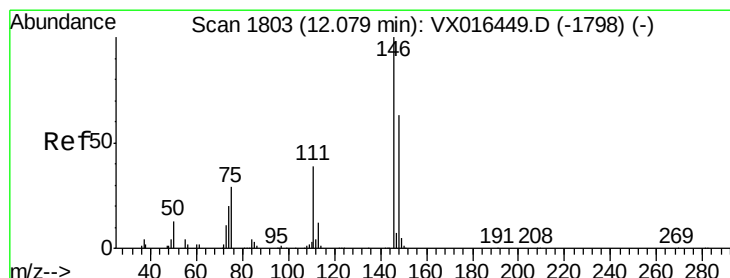
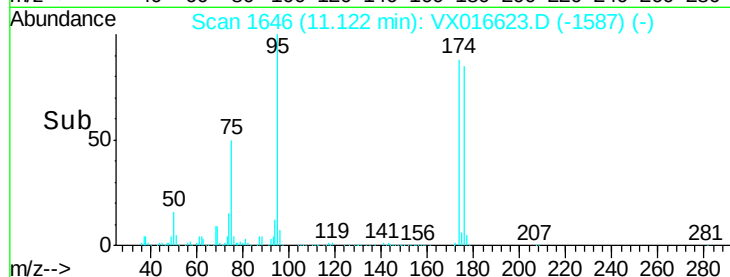
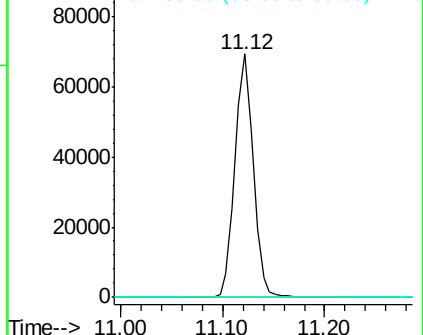
89 0.0 36.6 55.0#



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



#88

1,4-Dichlorobenzene

Concen: 0.22 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016623.D

Acq: 05 Jun 2020 19:41

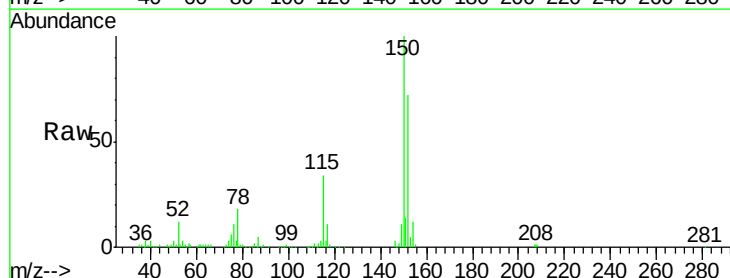
Tgt Ion: 146 Resp: 1310

Ion Ratio Lower Upper

146 100

111 216.4 19.4 58.2#

148 96.4 31.4 94.3#



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

