

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016568.D
 Acq On : 03 Jun 2020 15:58
 Operator : JC/SP
 Sample : L2867-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-CHY07-9001

Quant Time: Jun 04 08:25:09 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	253946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	409535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	149144	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	5.47	113	121093	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	8.70	98	507240	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.12	95	207858	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	

Target Compounds

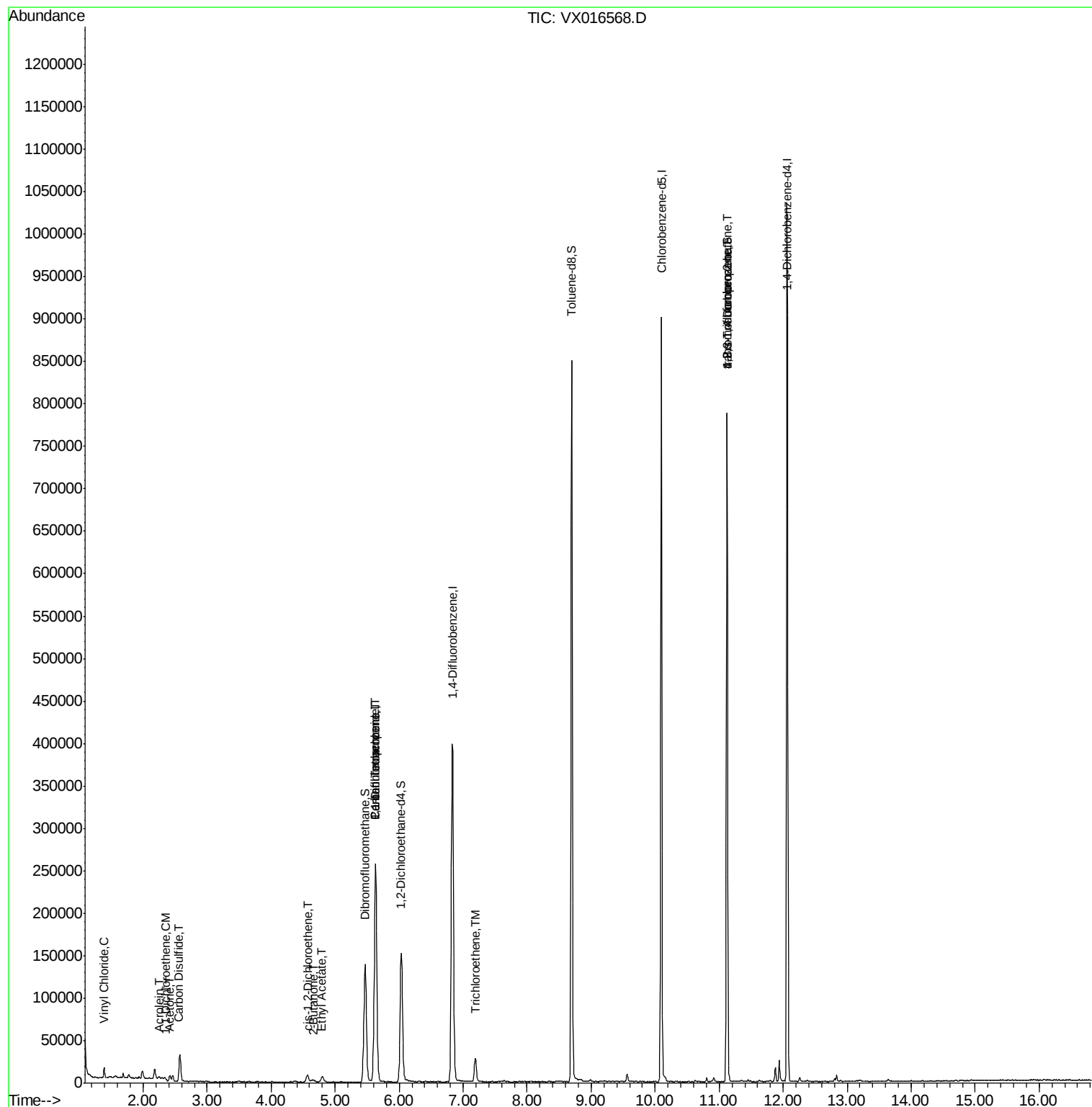
						Qvalue
4) Vinyl Chloride	1.39	62	1078	0.338	ug/l	94
12) 1,1-Dichloroethene	2.36	96	513	0.210	ug/l #	27
13) Acrolein	2.25	56	140	0.407	ug/l #	1
16) Acetone	2.42	43	6535	4.730	ug/l	92
17) Carbon Disulfide	2.56	76	1808	0.249	ug/l	98
25) 2-Butanone	4.65	43	1368	0.584	ug/l #	49
27) cis-1,2-Dichloroethene	4.57	96	5648	1.806	ug/l	86
36) 1,1-Dichloropropene	5.64	75	17888	4.613	ug/l #	51
37) Ethyl Acetate	4.79	43	11921	2.561	ug/l #	93
38) Carbon Tetrachloride	5.64	117	24008	5.892	ug/l #	15
44) Trichloroethene	7.19	130	11184	3.053	ug/l	91
76) 1,2,3-Trichloropropane	11.12	75	101519	20.768	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	101519	51.087	ug/l #	14

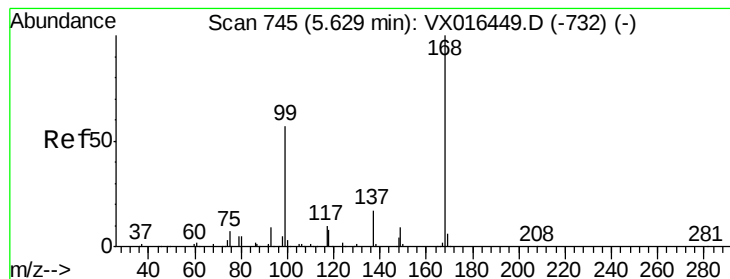
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016568.D

Acq: 03 Jun 2020 15:58

Instrument :

MSVOA_X

ClientSampleId :

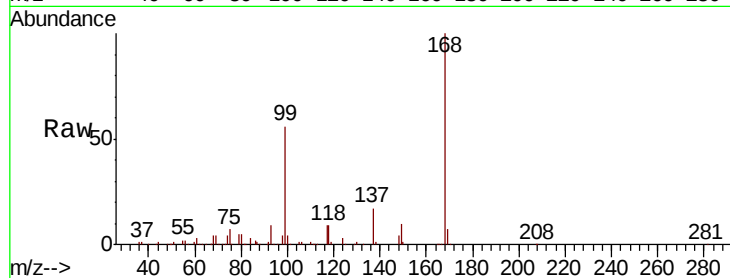
SP20-CHY07-9001

Tot Ion:168 Resp: 253946

Ion Ratio Lower Upper

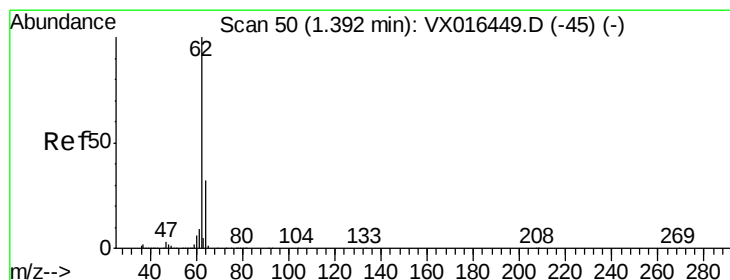
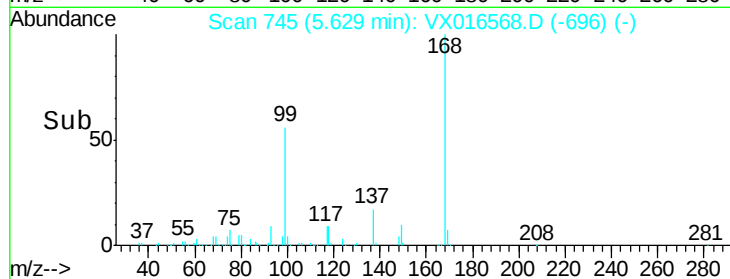
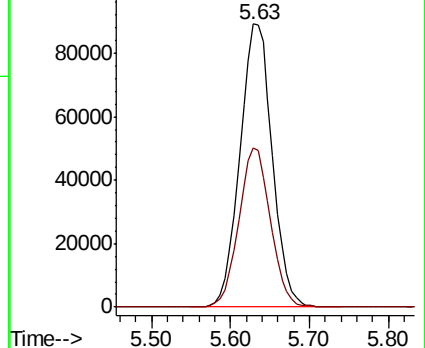
168 100

99 56.0 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: 0.338 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016568.D

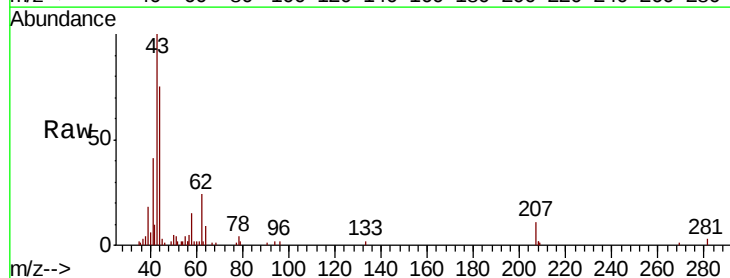
Acq: 03 Jun 2020 15:58

Tgt Ion: 62 Resp: 1078

Ion Ratio Lower Upper

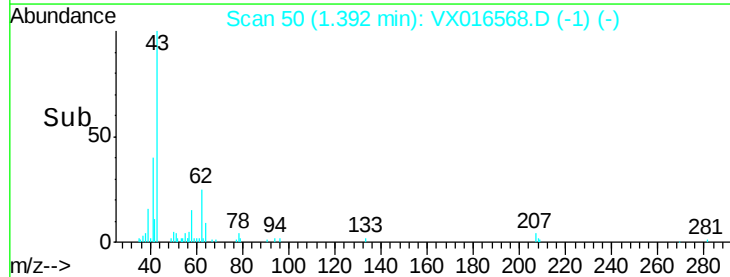
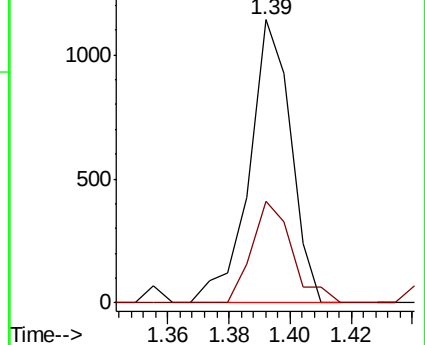
62 100

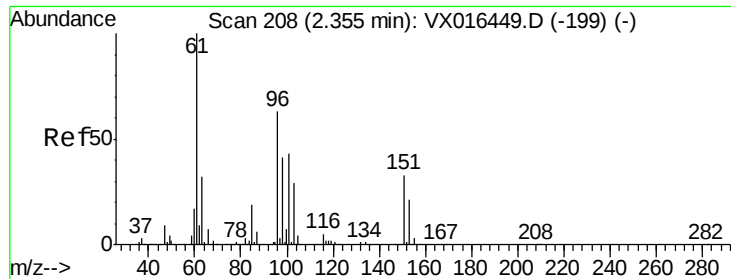
64 35.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

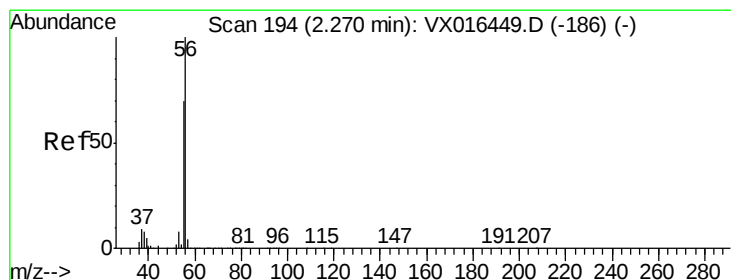
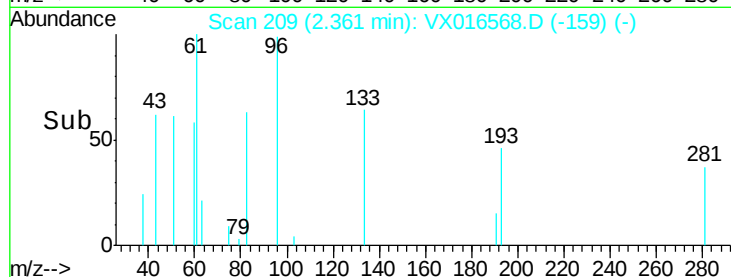
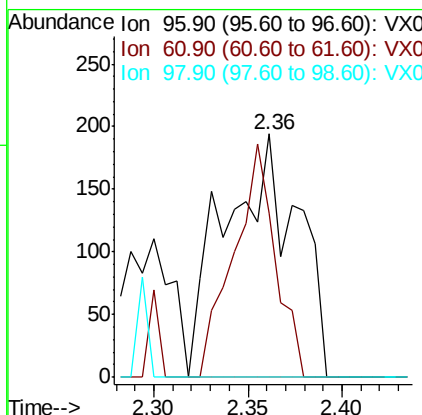
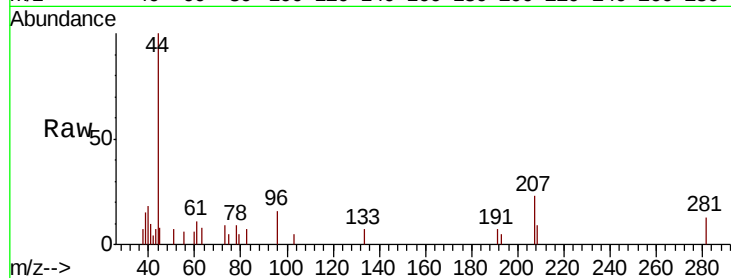




#12
 1,1-Dichloroethene
 Concen: 0.210 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX016568.D
 Acq: 03 Jun 2020 15:58

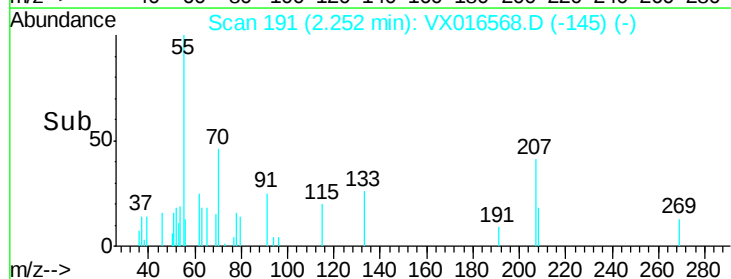
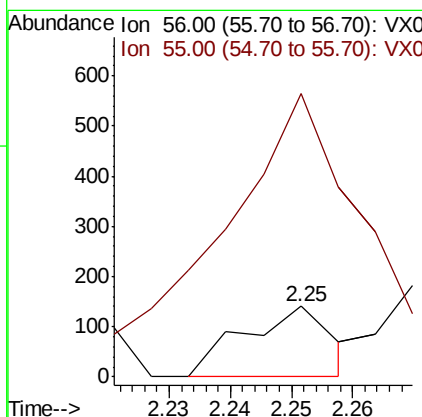
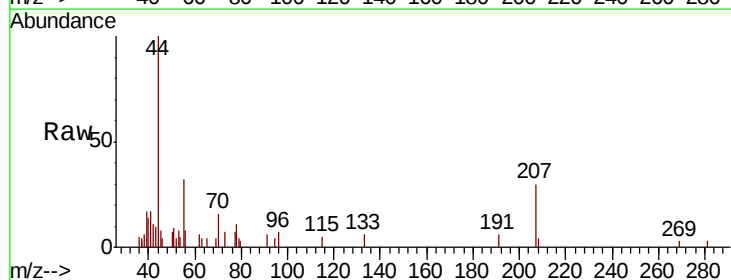
Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-CHY07-9001

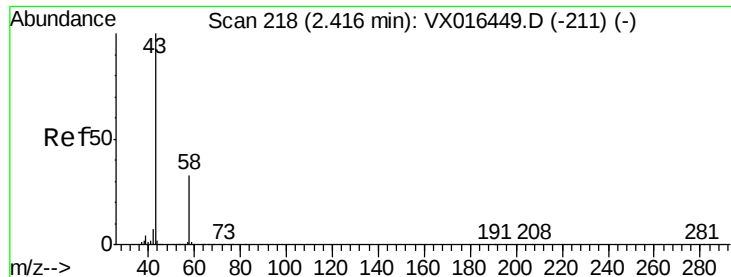
Tot Ion: 96 Resp: 513
 Ion Ratio Lower Upper
 96 100
 61 67.5 126.6 189.8#
 98 0.0 51.3 76.9#



#13
 Acrolein
 Concen: 0.407 ug/l
 RT: 2.25 min Scan# 191
 Delta R.T. -0.02 min
 Lab File: VX016568.D
 Acq: 03 Jun 2020 15:58

Tgt Ion: 56 Resp: 140
 Ion Ratio Lower Upper
 56 100
 55 585.0 58.3 87.5#





#16

Acetone

Concen: 4.730 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016568.D

Acq: 03 Jun 2020 15:58

Instrument :

MSVOA_X

ClientSampleId :

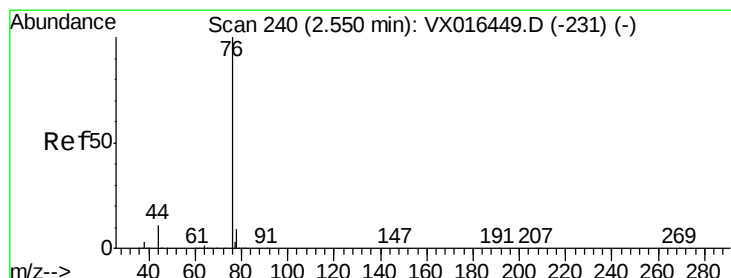
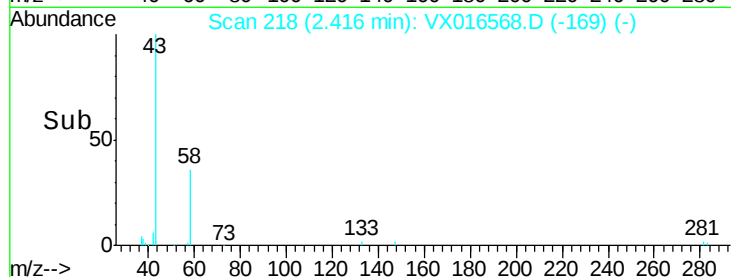
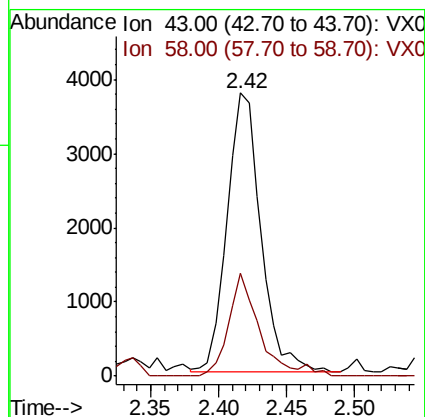
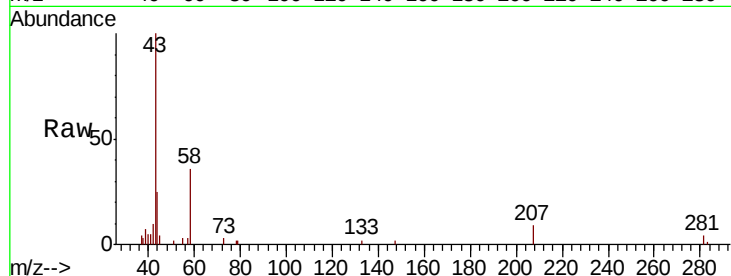
SP20-CHY07-9001

Tot Ion: 43 Resp: 6535

Ion Ratio Lower Upper

43 100

58 36.8 26.1 39.1



#17

Carbon Disulfide

Concen: 0.249 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016568.D

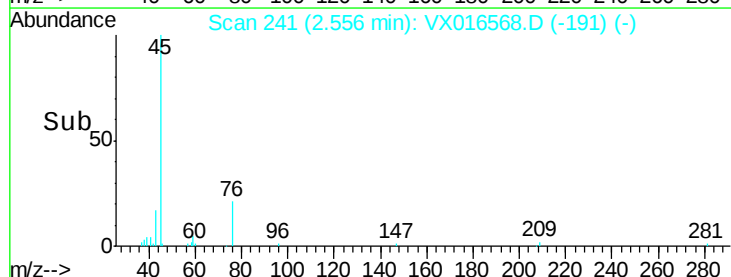
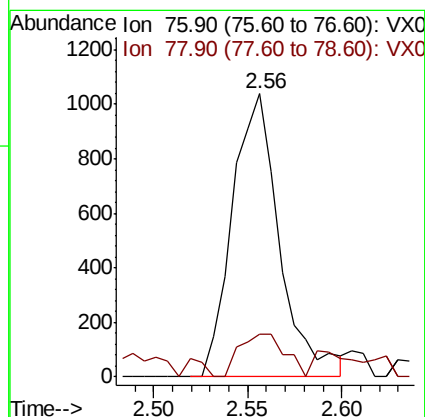
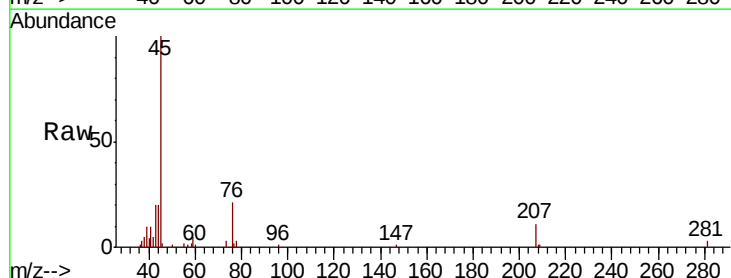
Acq: 03 Jun 2020 15:58

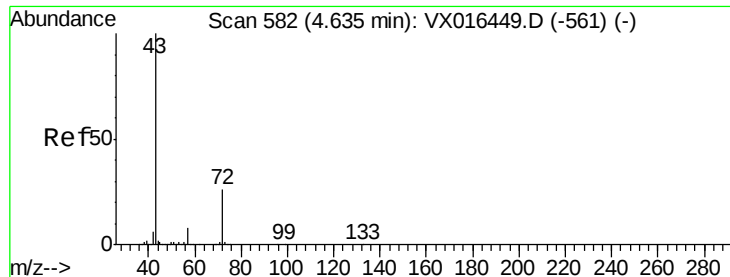
Tgt Ion: 76 Resp: 1808

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0

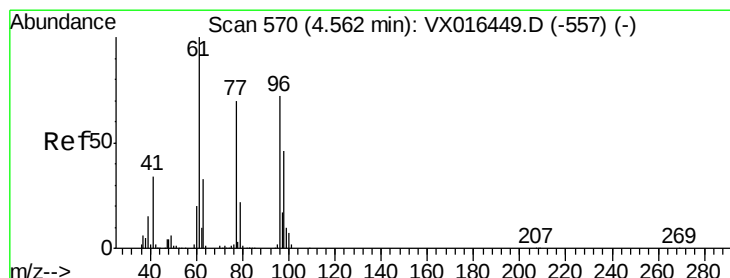
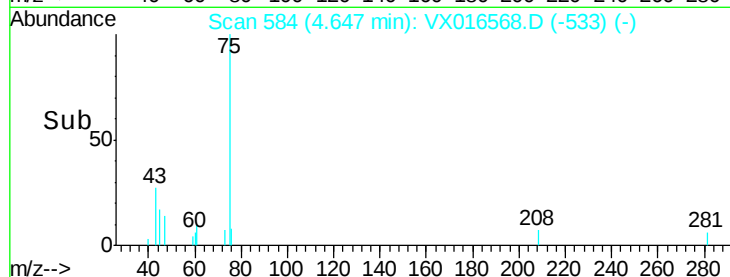
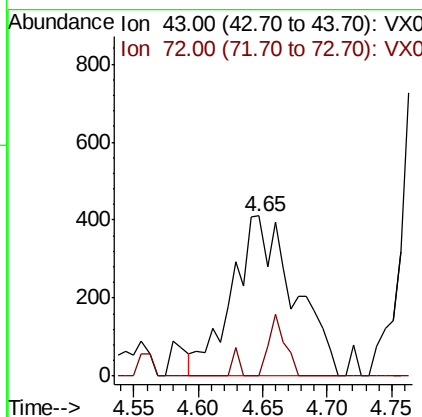
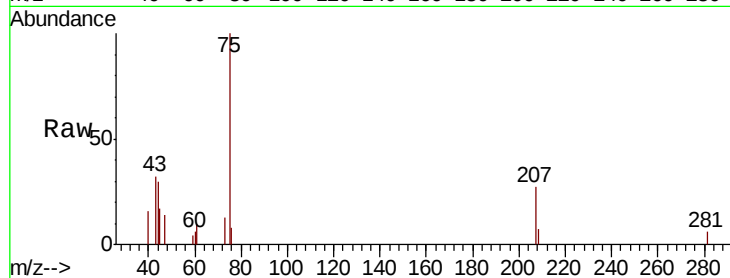




#25
2-Butanone
Concen: 0.584 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016568.D
Acq: 03 Jun 2020 15:58

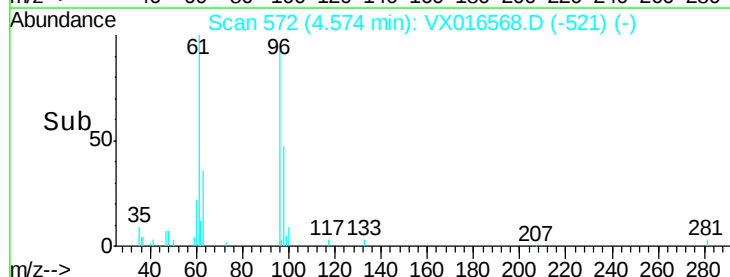
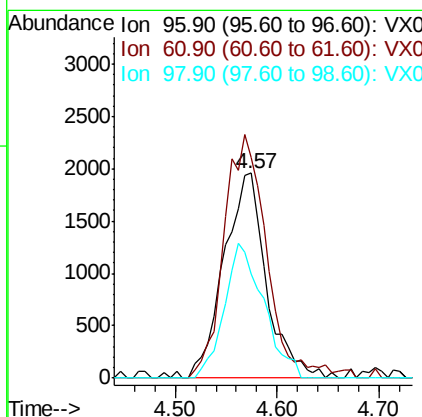
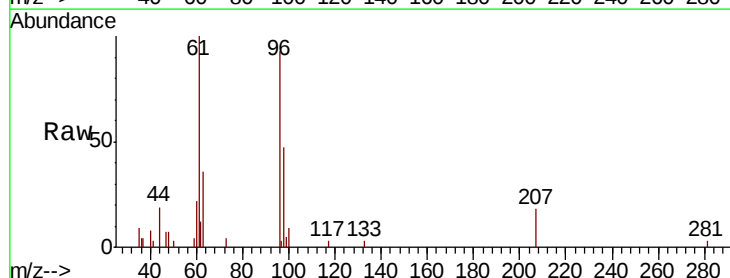
Instrument :
MSVOA_X
ClientSampleId :
SP20-CHY07-9001

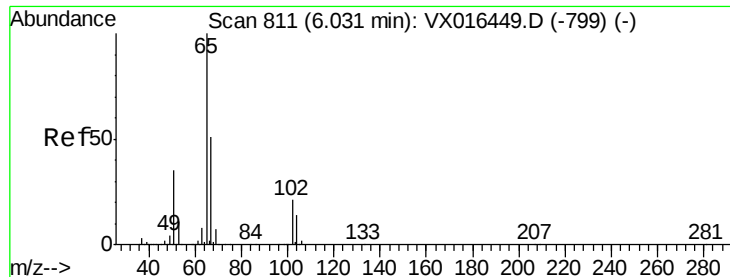
Tot Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#27
cis-1,2-Dichloroethene
Concen: 1.806 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX016568.D
Acq: 03 Jun 2020 15:58

Tgt Ion: 96 Resp: 5648
Ion Ratio Lower Upper
96 100
61 119.9 0.0 284.6
98 60.8 0.0 127.2

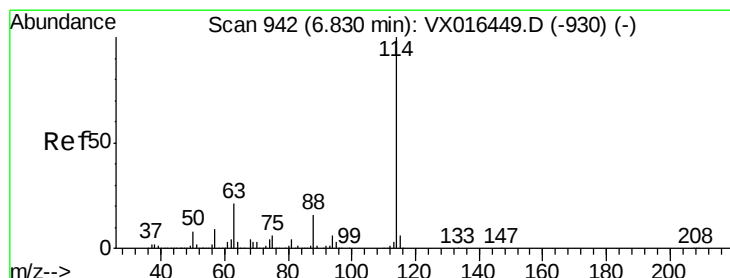
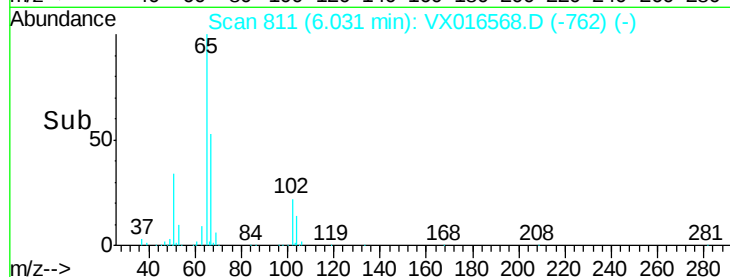
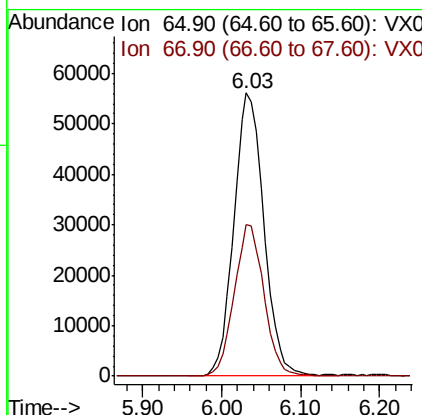
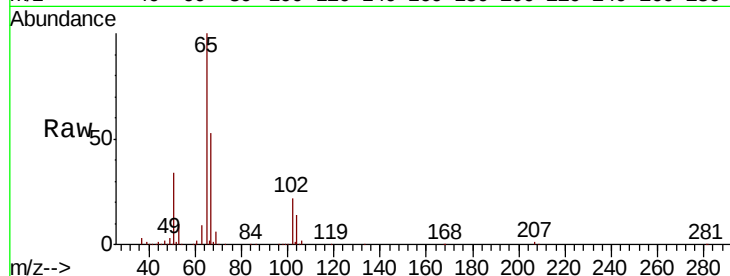




#33
 1,2-Dichloroethane-d4
 Concen: 47.292 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016568.D
 Acq: 03 Jun 2020 15:58

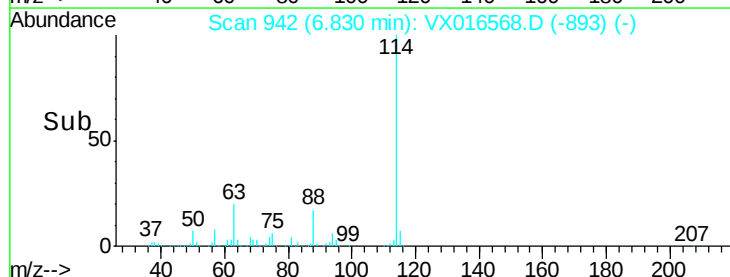
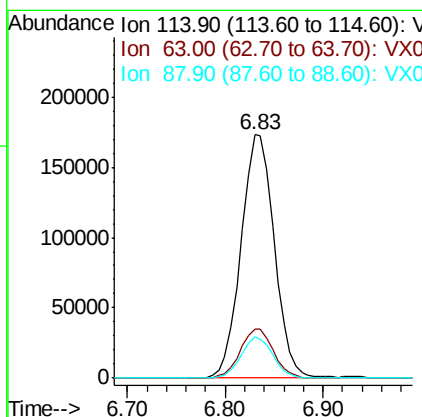
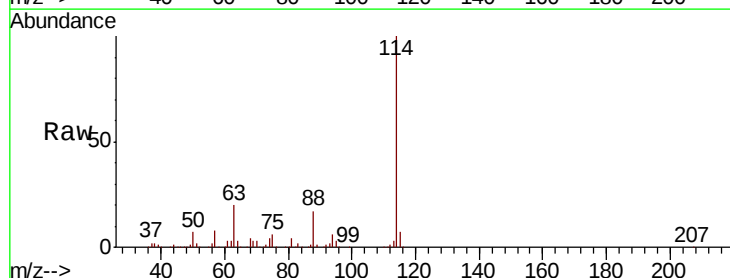
Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-CHY07-9001

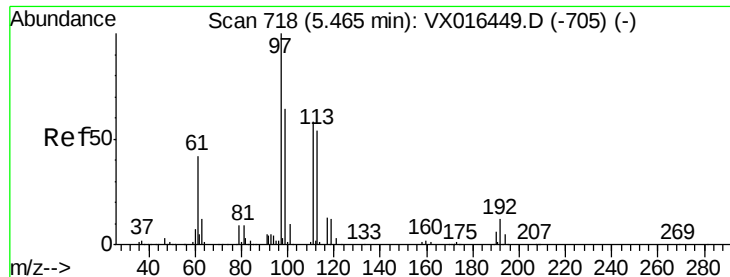
Tot Ion: 65 Resp: 149144
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016568.D
 Acq: 03 Jun 2020 15:58

Tgt Ion: 114 Resp: 409535
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.021 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016568.D

Acq: 03 Jun 2020 15:58

Instrument :

MSVOA_X

ClientSampleId :

SP20-CHY07-9001

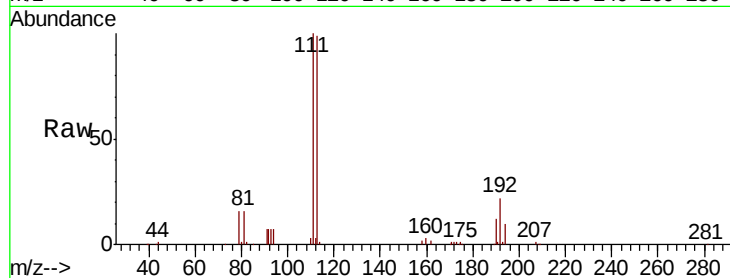
Tot Ion:113 Resp: 121093

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

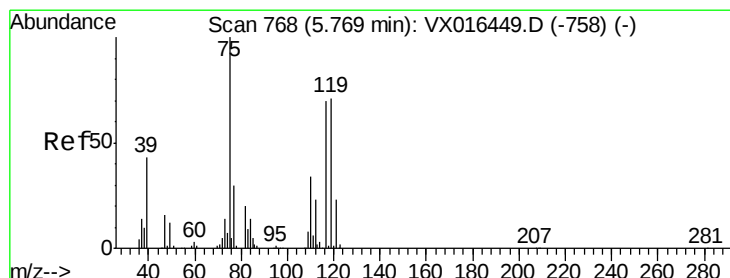
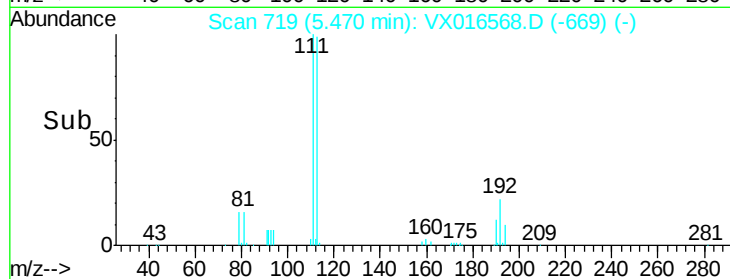
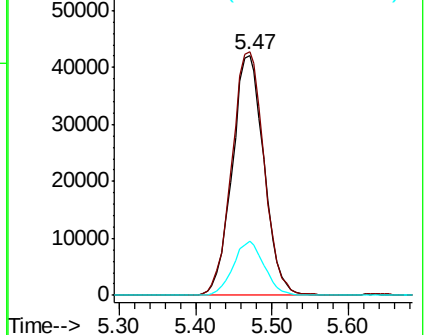
192 22.2 17.7 26.5



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: 4.613 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016568.D

Acq: 03 Jun 2020 15:58

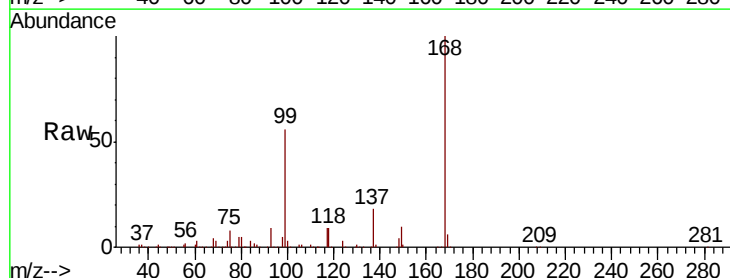
Tgt Ion: 75 Resp: 17888

Ion Ratio Lower Upper

75 100

110 10.0 17.4 52.3#

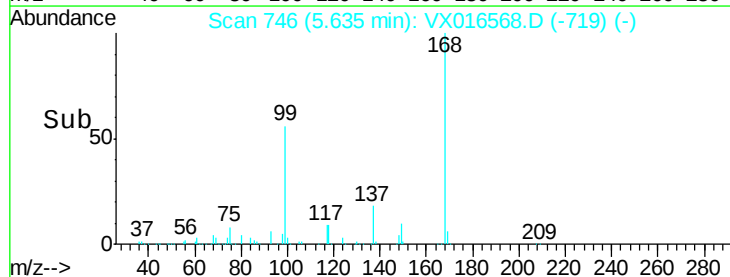
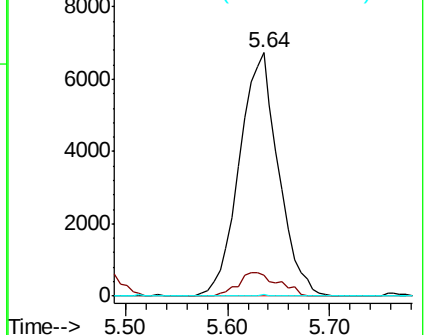
77 0.1 24.2 36.4#

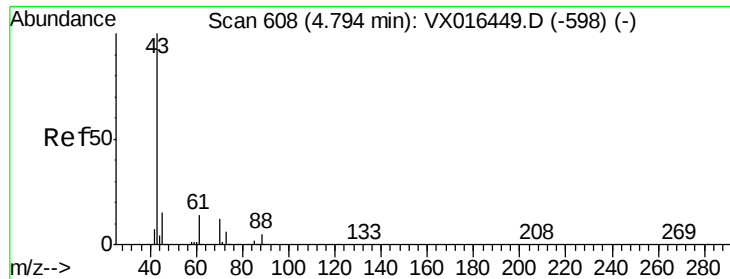


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

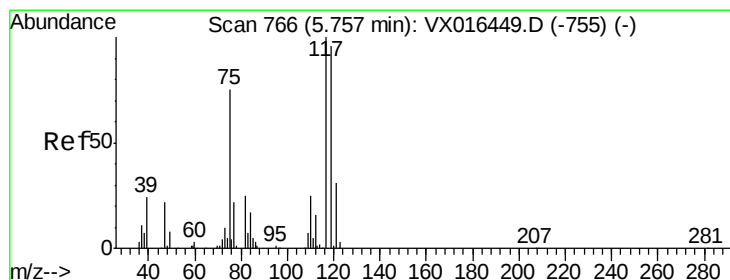
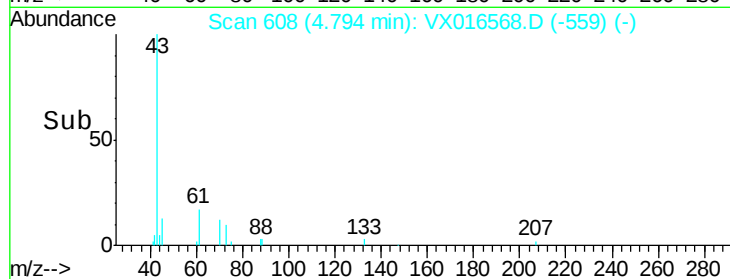
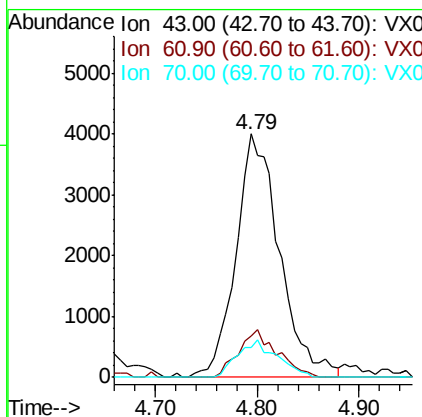
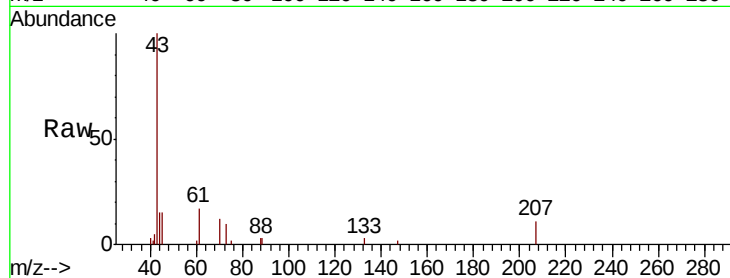




#37
Ethyl Acetate
Concen: 2.561 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016568.D
Acq: 03 Jun 2020 15:58

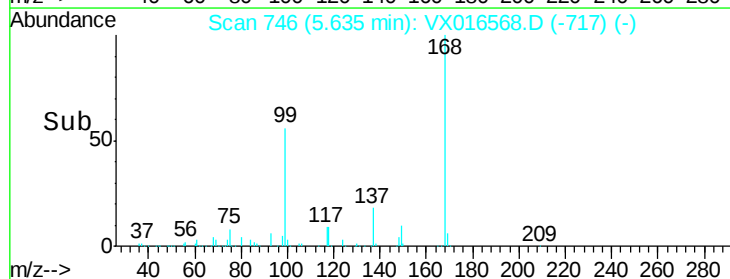
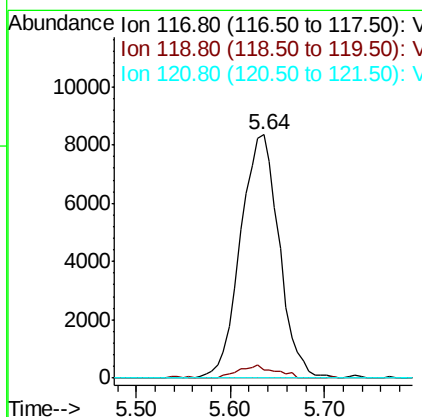
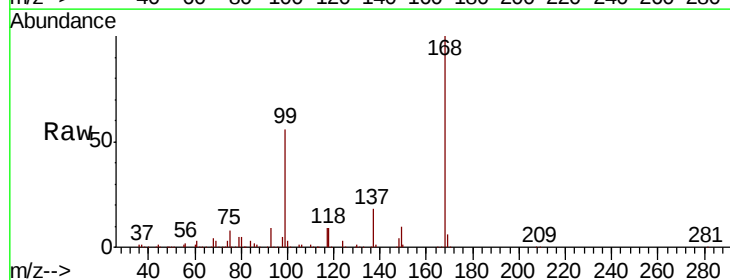
Instrument :
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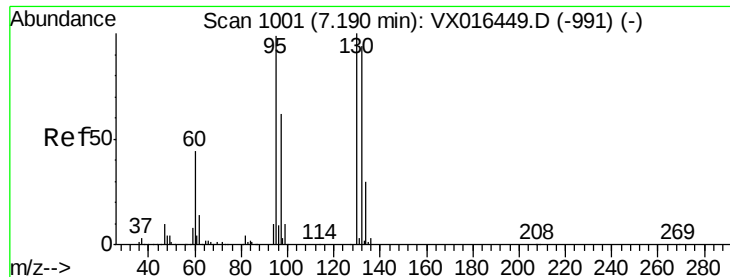
Tot Ion: 43 Resp: 11921
Ion Ratio Lower Upper
43 100
61 17.4 11.3 16.9#
70 13.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016568.D
Acq: 03 Jun 2020 15:58

Tgt Ion: 117 Resp: 24008
Ion Ratio Lower Upper
117 100
119 3.5 76.3 114.5#
121 0.0 24.6 37.0#

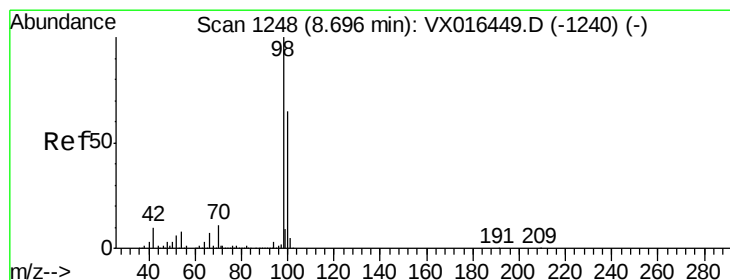
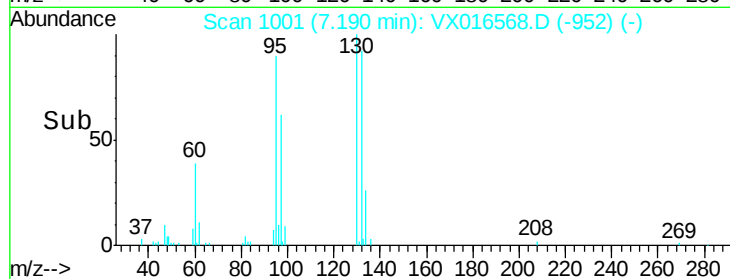
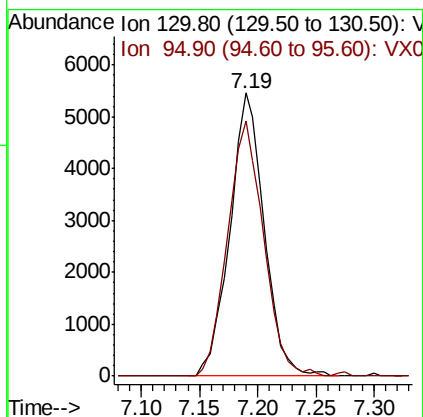
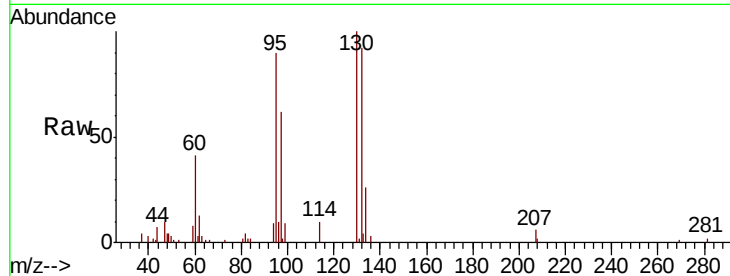




#44
 Trichloroethene
 Concen: 3.053 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016568.D
 Acq: 03 Jun 2020 15:58

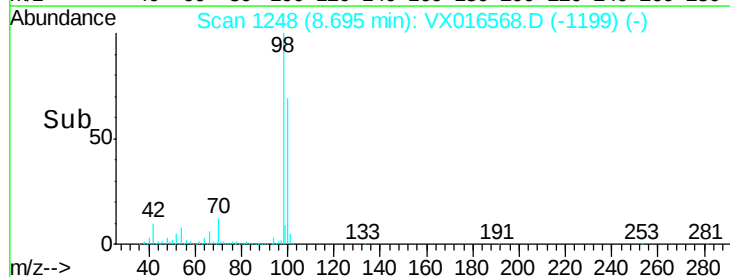
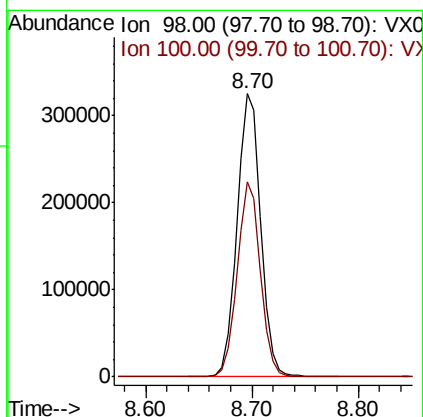
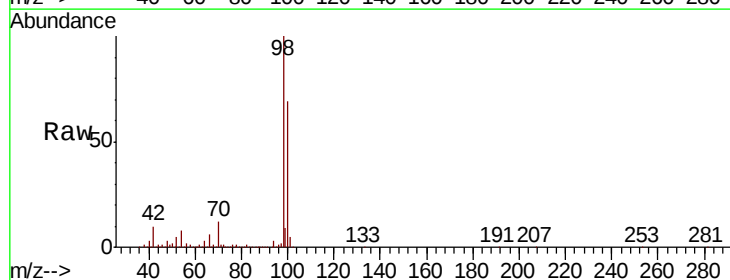
Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-CHY07-9001

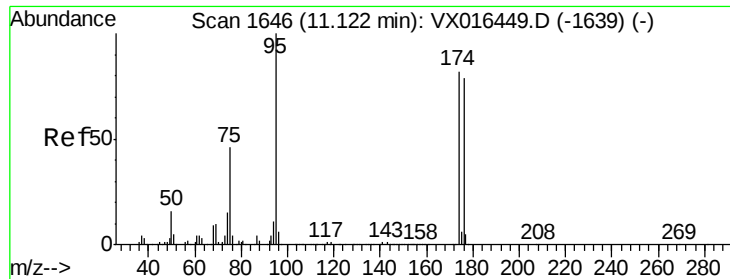
Tot Ion:130 Resp: 11184
 Ion Ratio Lower Upper
 130 100
 95 90.2 0.0 198.2



#50
 Toluene-d8
 Concen: 51.680 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016568.D
 Acq: 03 Jun 2020 15:58

Tgt Ion: 98 Resp: 507240
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.8 80.6





#62

4-Bromofluorobenzene

Concen: 54.808 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016568.D

Acq: 03 Jun 2020 15:58

Instrument :

MSVOA_X

ClientSampleId :

SP20-CHY07-9001

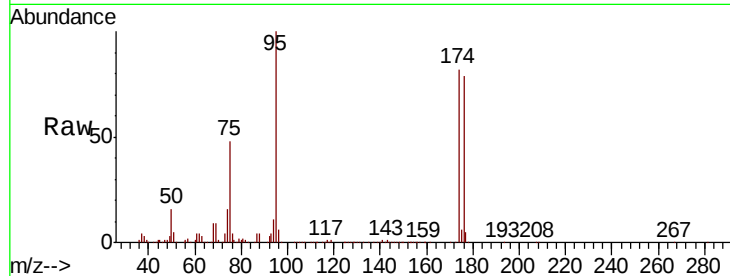
Tot Ion: 95 Resp: 207858

Ion Ratio Lower Upper

95 100

174 83.6 0.0 163.0

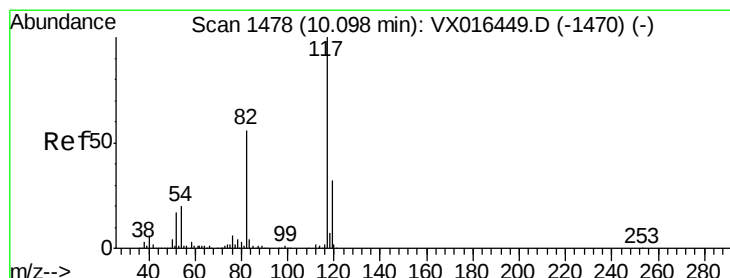
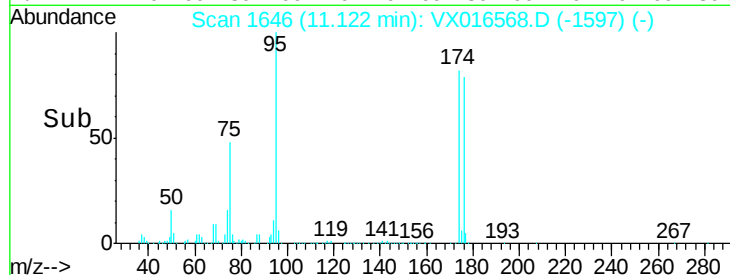
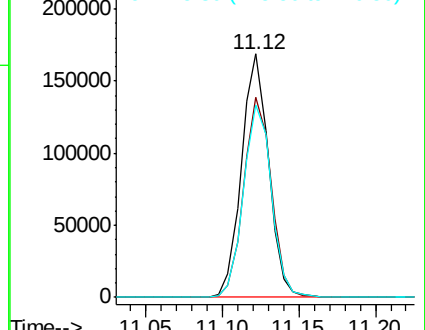
176 81.5 0.0 156.8



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: VX016568.D

Acq: 03 Jun 2020 15:58

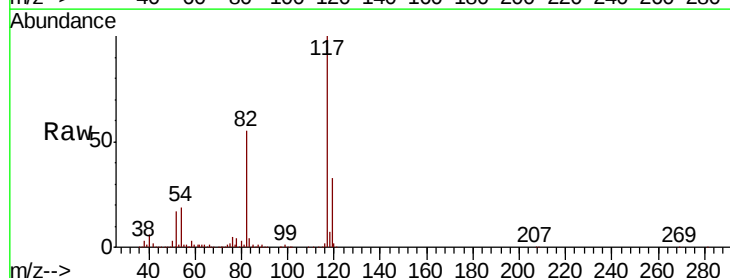
Tgt Ion: 117 Resp: 418582

Ion Ratio Lower Upper

117 100

82 54.7 45.0 67.6

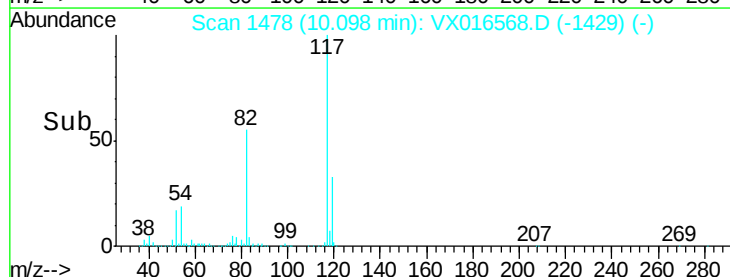
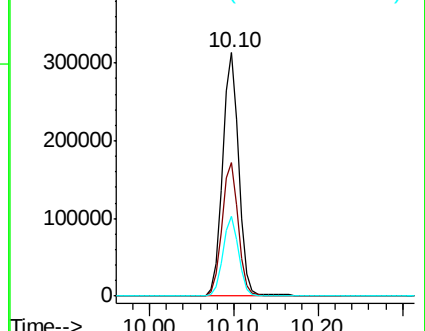
119 32.5 25.8 38.8

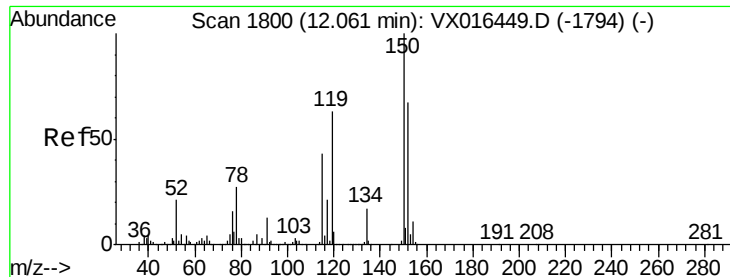


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX016568.D

Acq: 03 Jun 2020 15:58

Instrument :

MSVOA_X

ClientSampleId :

SP20-CHY07-9001

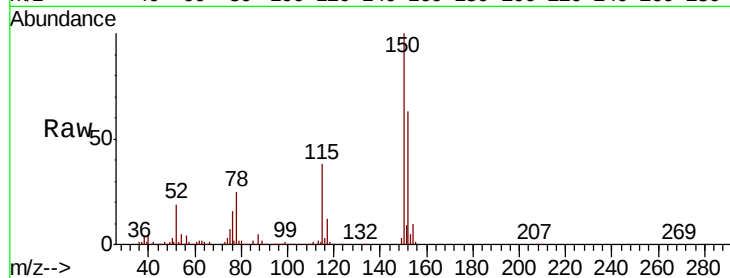
Tot Ion:152 Resp: 222386

Ion Ratio Lower Upper

152 100

115 58.2 39.9 119.6

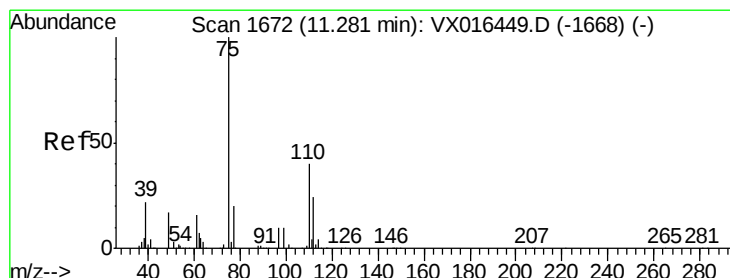
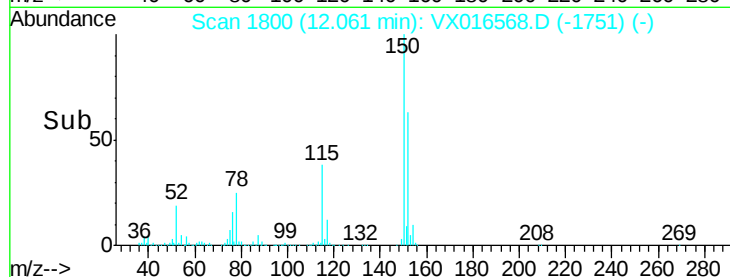
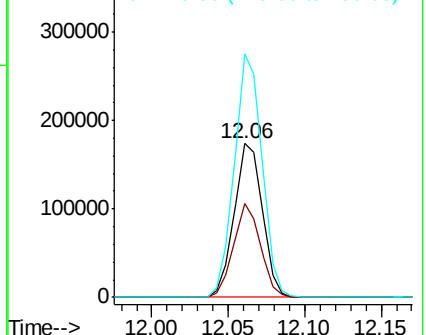
150 155.7 0.0 341.0



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: 20.768 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016568.D

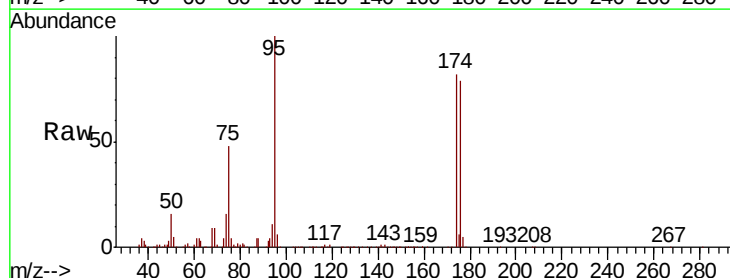
Acq: 03 Jun 2020 15:58

Tgt Ion: 75 Resp: 101519

Ion Ratio Lower Upper

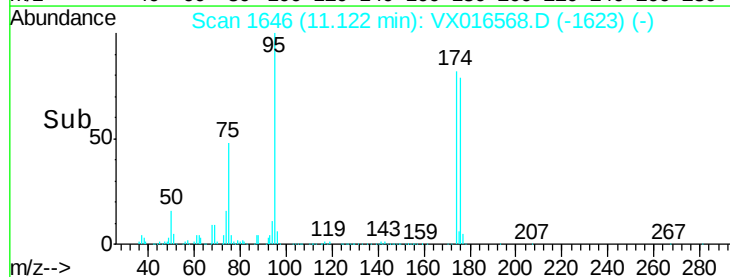
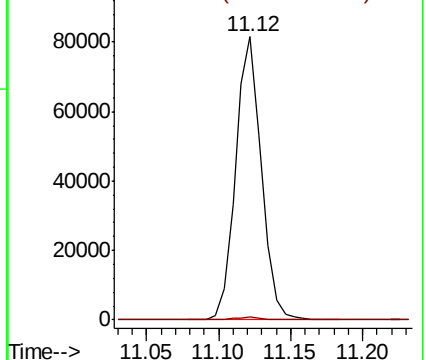
75 100

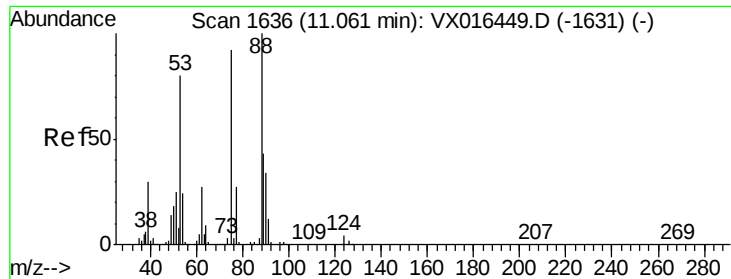
77 1.2 21.3 63.7#



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: 51.087 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016568.D
 Acq: 03 Jun 2020 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-CHY07-9001

Tot Ion: 75 Resp: 101519
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 36.6 55.0#

