

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
 Data File : VX016686.D
 Acq On : 10 Jun 2020 19:33
 Operator : JC/SP
 Sample : L2963-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW032-200608

Quant Time: Jun 11 03:04:16 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	215586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	335276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	352347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184248	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	127030	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
35) Dibromofluoromethane	5.46	113	104857	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	8.70	98	422623	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.12	95	170165	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	

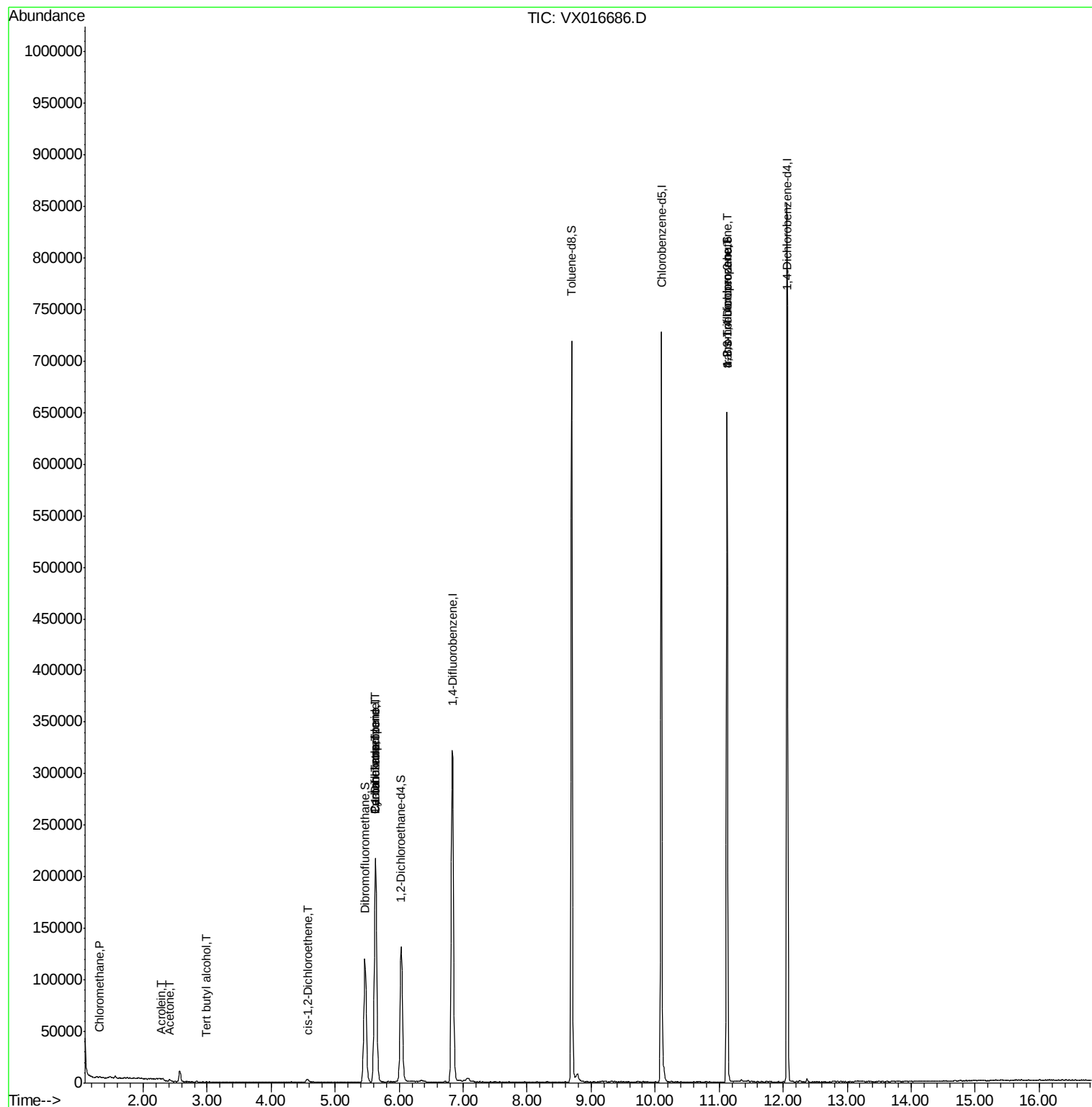
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	628	0.24	ug/l	97
11) Tert butyl alcohol	3.00	59	214	0.31	ug/l #	72
13) Acrolein	2.28	56	215	0.74	ug/l #	49
16) Acetone	2.42	43	2016	1.72	ug/l #	86
27) cis-1,2-Dichloroethene	4.57	96	1956	0.74	ug/l	81
31) Cyclohexane	5.62	56	3670	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	14329	4.51	ug/l #	51
38) Carbon Tetrachloride	5.64	117	20392	6.11	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	82436	20.36	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	82436	50.07	ug/l #	14

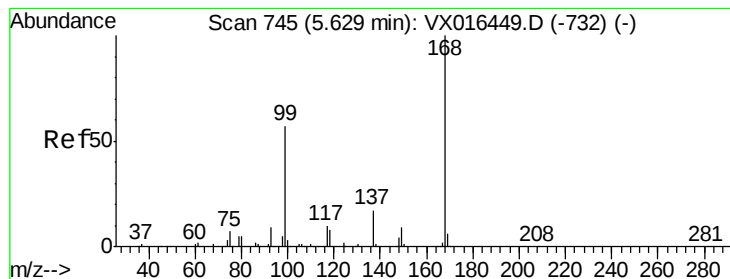
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016686.D

Acq: 10 Jun 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

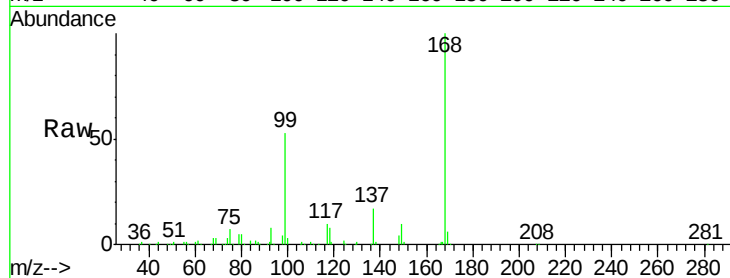
LF014RW032-200608

Tgt Ion:168 Resp: 215586

Ion Ratio Lower Upper

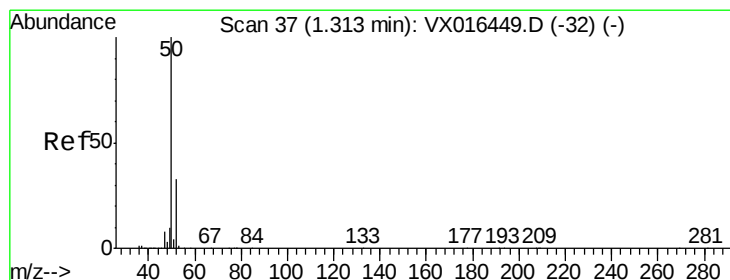
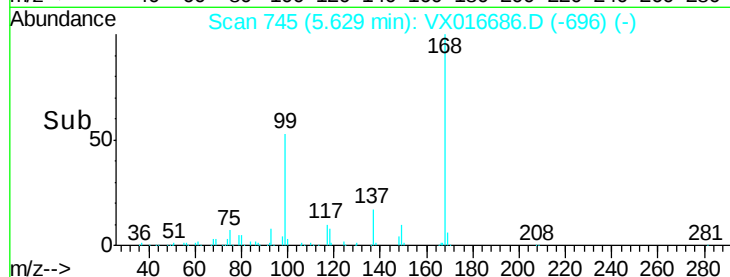
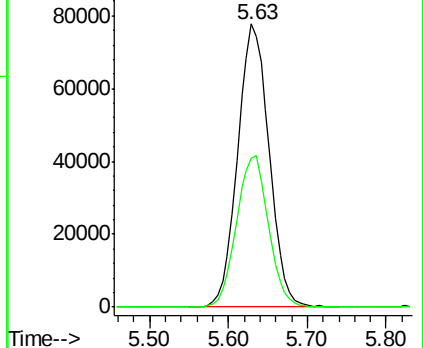
168 100

99 52.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.24 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016686.D

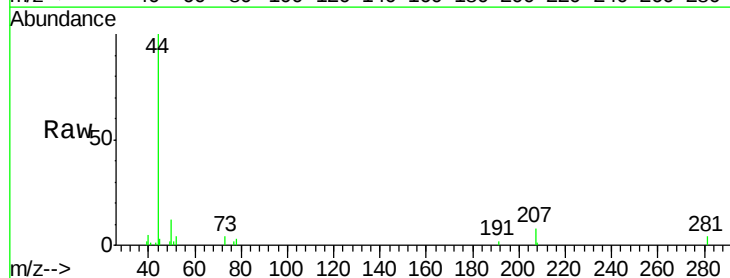
Acq: 10 Jun 2020 19:33

Tgt Ion: 50 Resp: 628

Ion Ratio Lower Upper

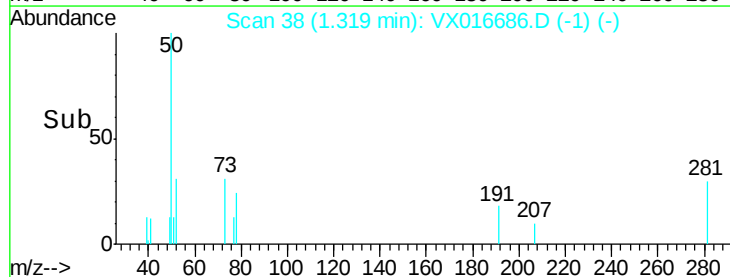
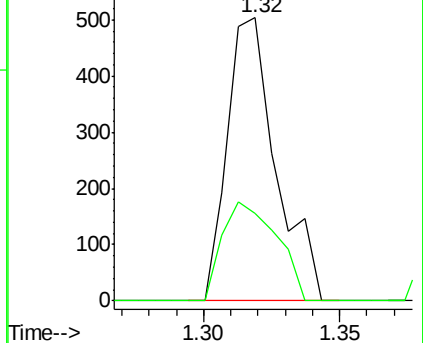
50 100

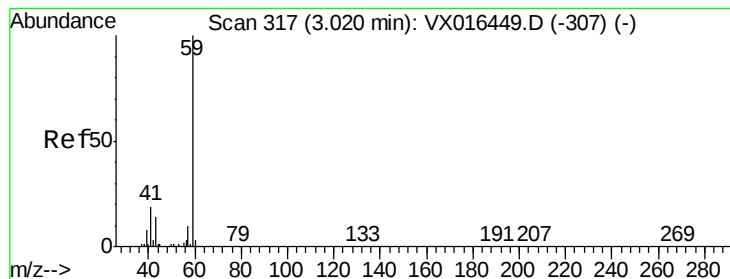
52 30.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



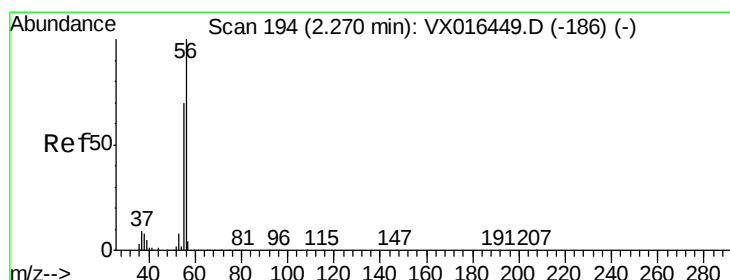
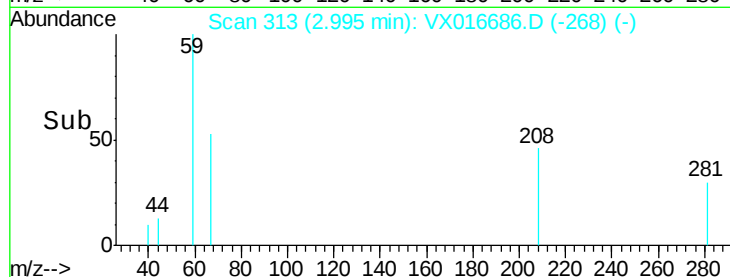
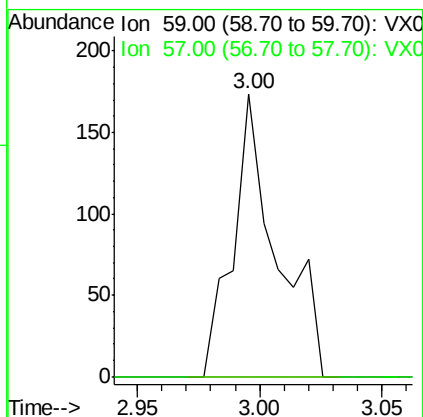
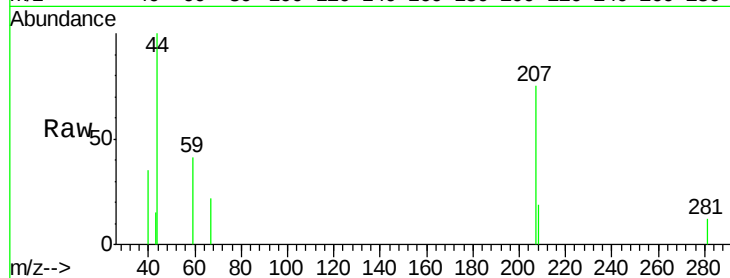


#11

Tert butyl alcohol
Concen: 0.31 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX016686.D
Acq: 10 Jun 2020 19:33

Instrument :
MSVOA_X
ClientSampleId :
LF014RW032-200608

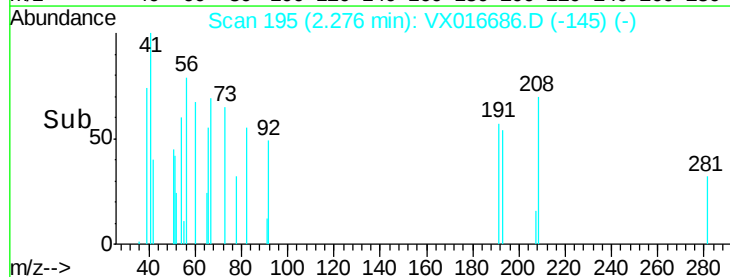
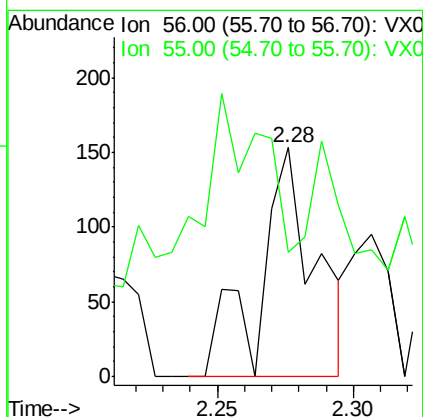
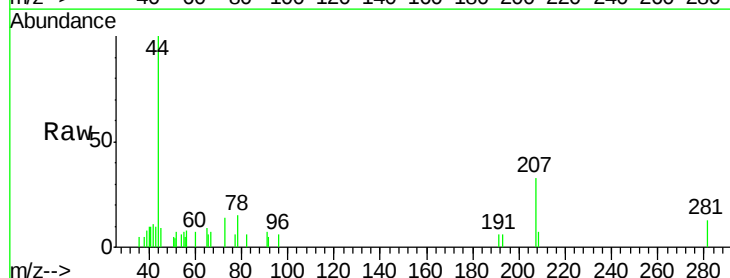
Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

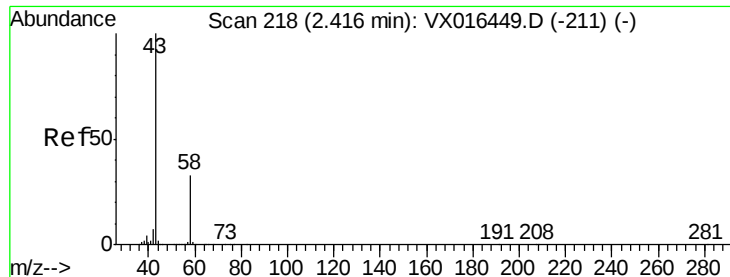


#13

Acrolein
Concen: 0.74 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016686.D
Acq: 10 Jun 2020 19:33

Tgt Ion: 56 Resp: 215
Ion Ratio Lower Upper
56 100
55 29.8 58.3 87.5#





#16

Acetone

Concen: 1.72 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016686.D

Acq: 10 Jun 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

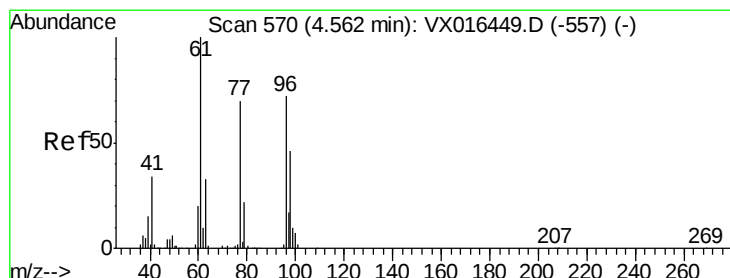
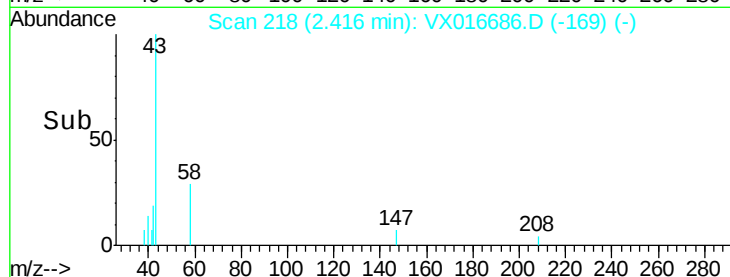
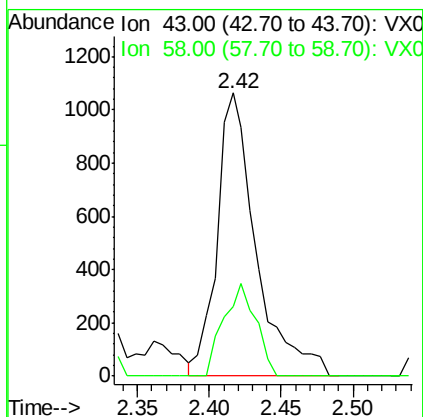
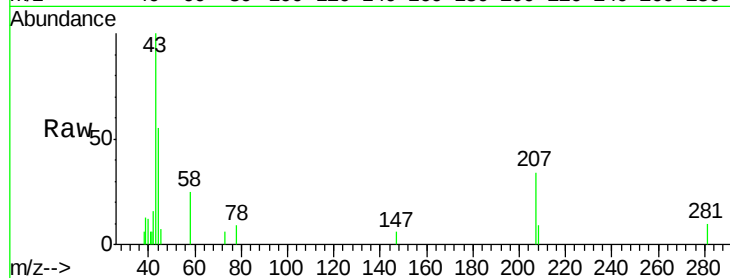
LF014RW032-200608

Tgt Ion: 43 Resp: 2016

Ion Ratio Lower Upper

43 100

58 24.6 26.1 39.1#



#27

cis-1,2-Dichloroethene

Concen: 0.74 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016686.D

Acq: 10 Jun 2020 19:33

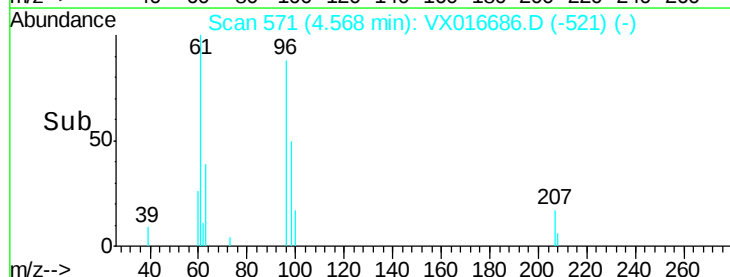
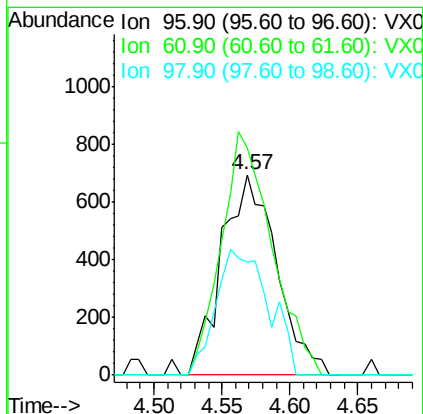
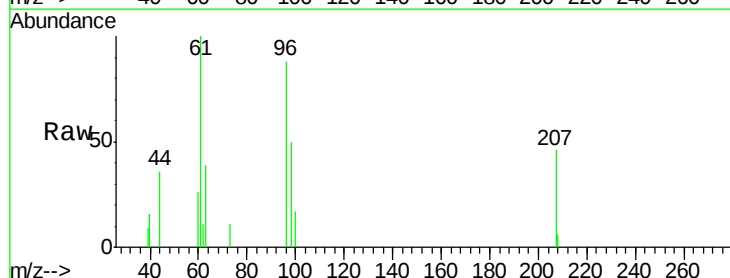
Tgt Ion: 96 Resp: 1956

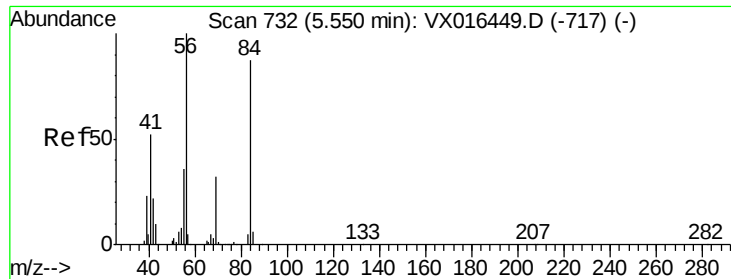
Ion Ratio Lower Upper

96 100

61 111.3 0.0 284.6

98 59.8 0.0 127.2

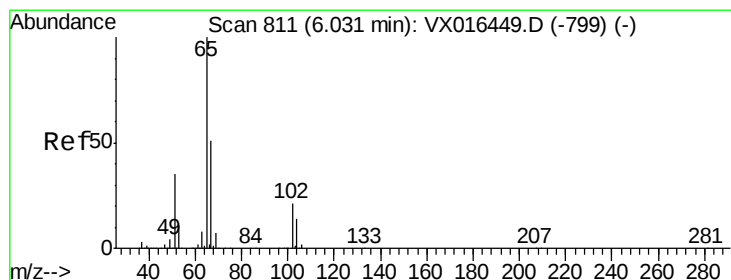
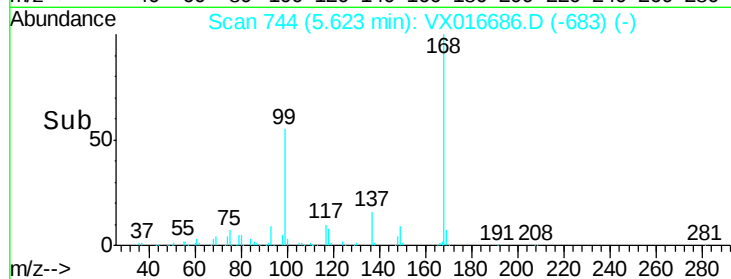
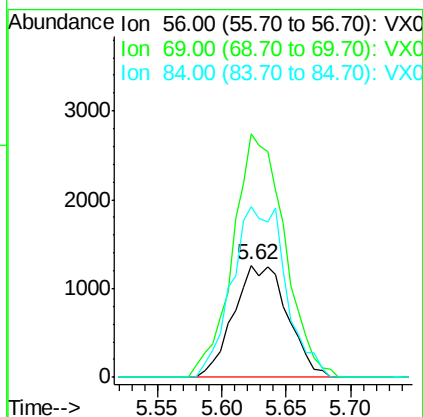
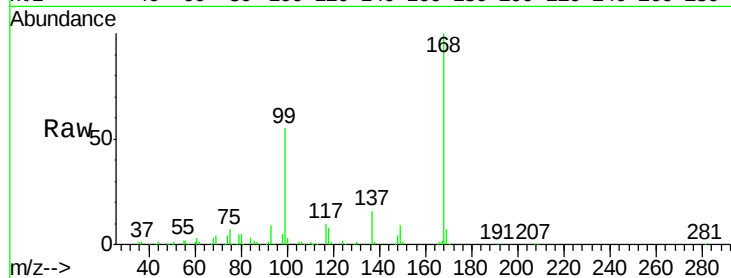




#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016686.D
Acq: 10 Jun 2020 19:33

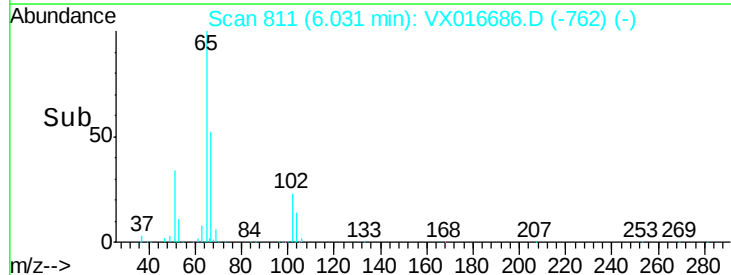
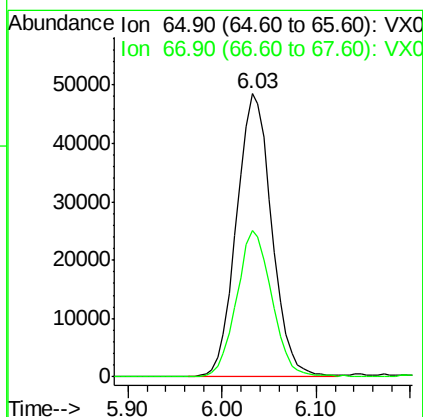
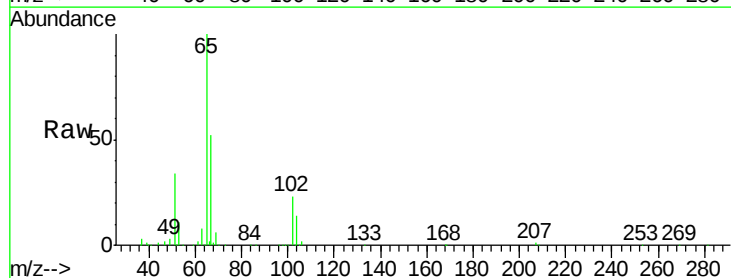
Instrument :
MSVOA_X
ClientSampleId :
LF014RW032-200608

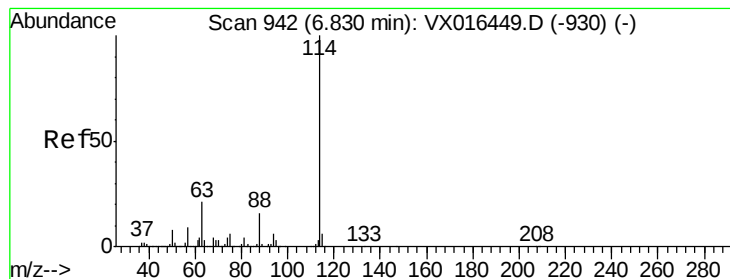
Tgt Ion: 56 Resp: 3670
Ion Ratio Lower Upper
56 100
69 217.3 25.7 38.5#
84 152.5 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 47.45 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016686.D
Acq: 10 Jun 2020 19:33

Tgt Ion: 65 Resp: 127030
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016686.D

Acq: 10 Jun 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

LF014RW032-200608

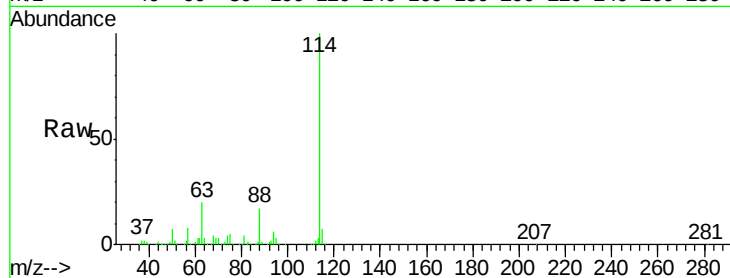
Tgt Ion:114 Resp: 335276

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

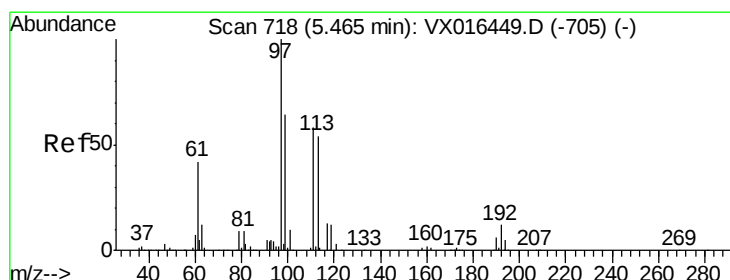
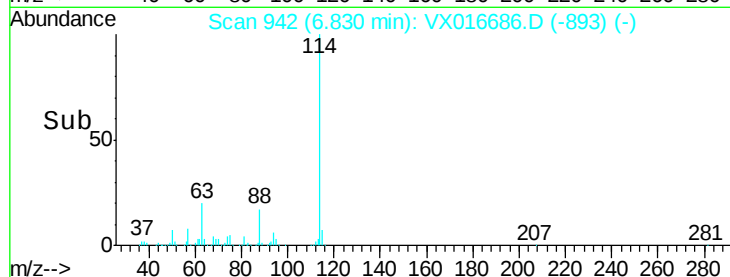
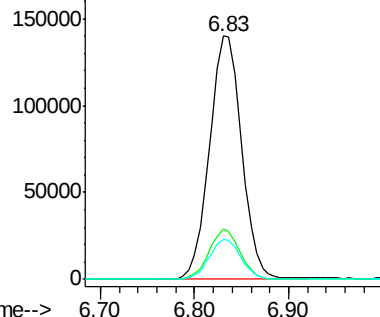
88 16.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.79 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016686.D

Acq: 10 Jun 2020 19:33

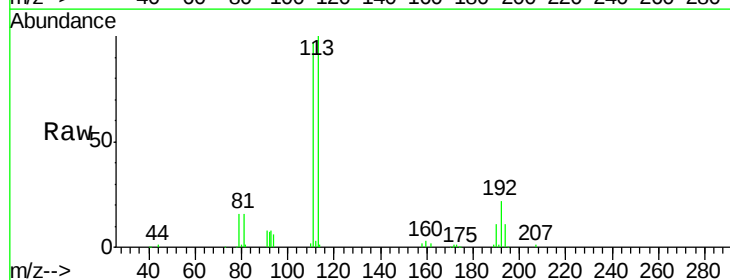
Tgt Ion:113 Resp: 104857

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.6

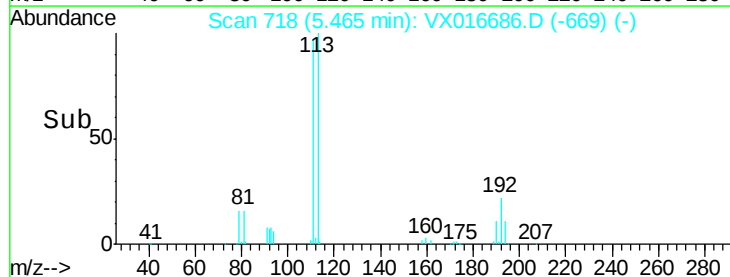
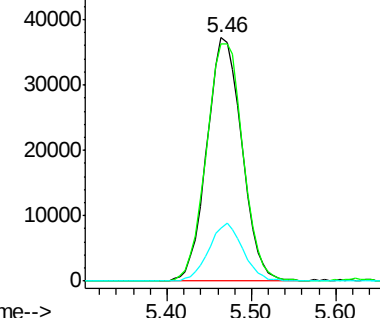
192 23.0 17.7 26.5

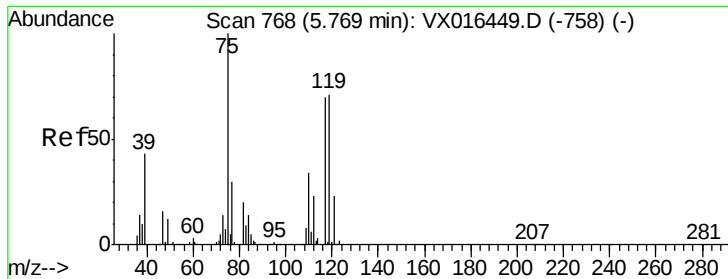


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

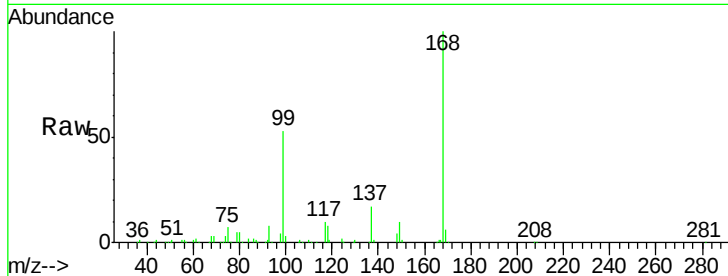




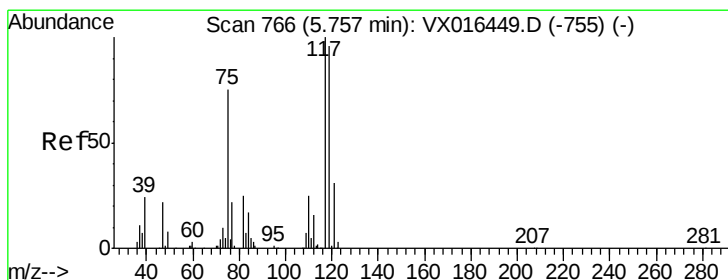
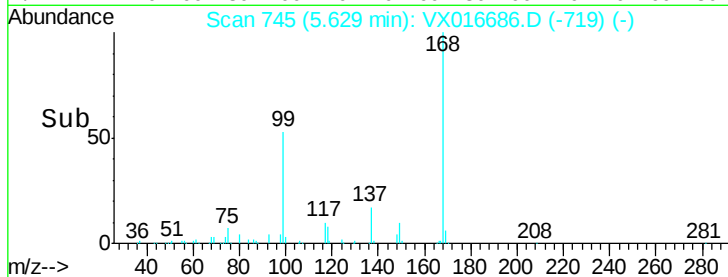
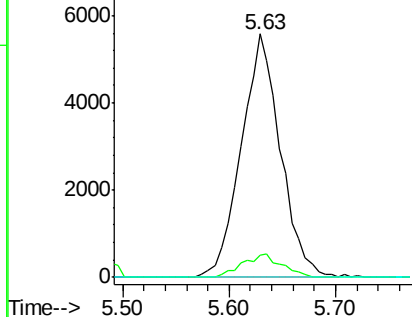
#36
 1,1-Dichloropropene
 Concen: 4.51 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016686.D
 Acq: 10 Jun 2020 19:33

Instrument :
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 LF014RW032-200608

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.4	52.3#
77	0.0	24.2	36.4#

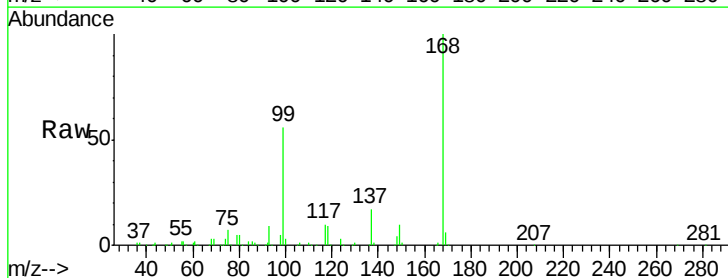


Abundance Ion 74.90 (74.60 to 75.60): VX016686.D (-719) (-)
 Ion 109.90 (109.60 to 110.60): VX016686.D (-719) (-)
 Ion 76.90 (76.60 to 77.60): VX016686.D (-719) (-)

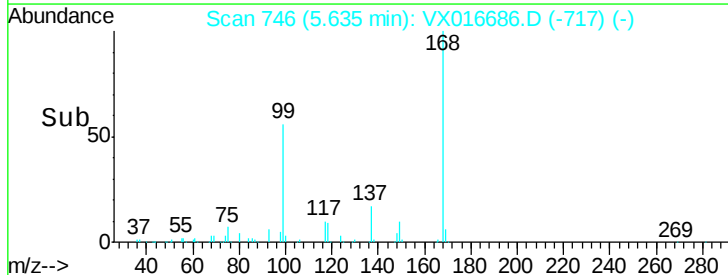
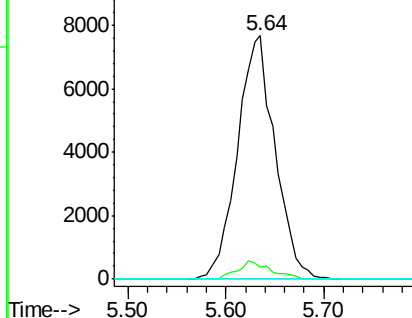


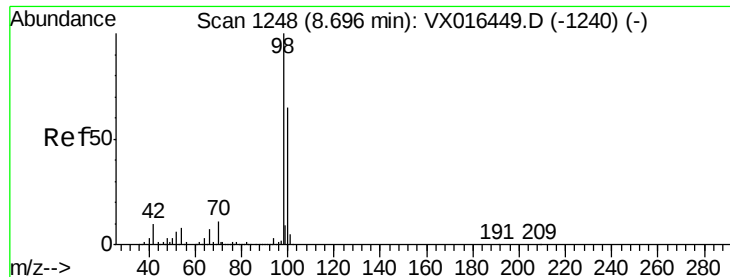
#38
 Carbon Tetrachloride
 Concen: 6.11 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX016686.D
 Acq: 10 Jun 2020 19:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.3	114.5#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): VX016686.D (-717) (-)
 Ion 118.80 (118.50 to 119.50): VX016686.D (-717) (-)
 Ion 120.80 (120.50 to 121.50): VX016686.D (-717) (-)

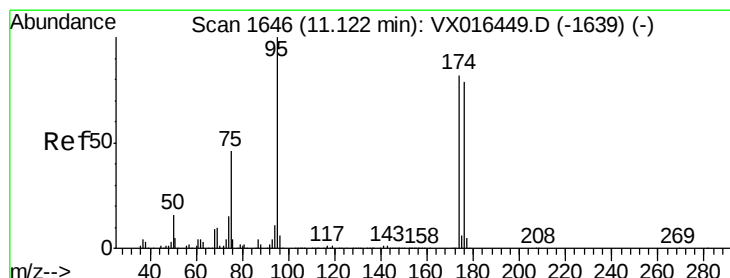
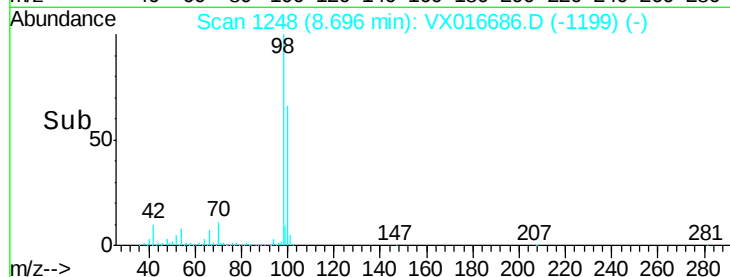
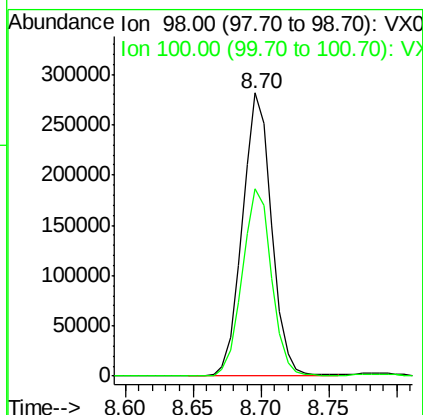
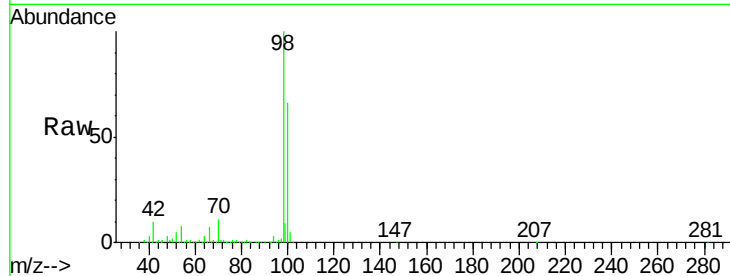




#50
Toluene-d8
Concen: 52.60 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016686.D
Acq: 10 Jun 2020 19:33

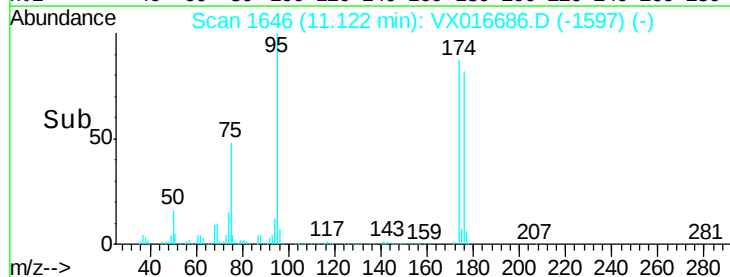
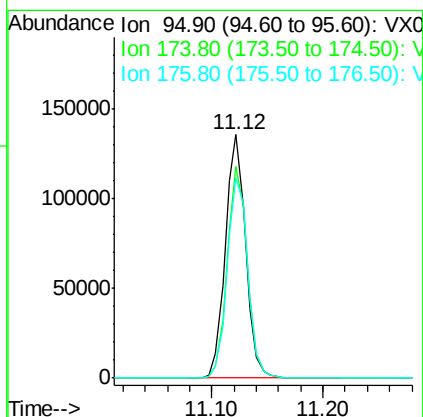
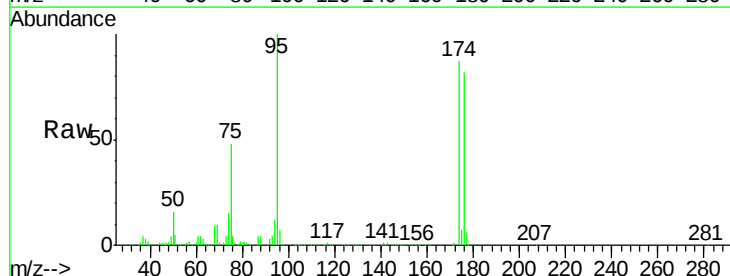
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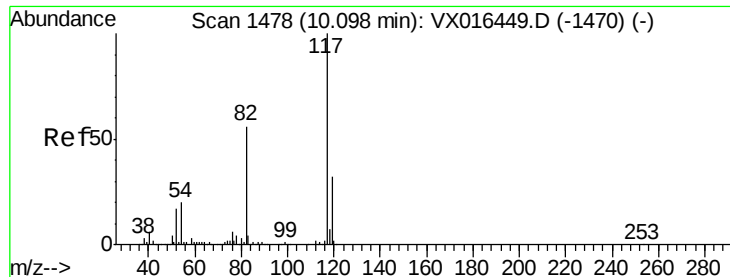
Tgt Ion: 98 Resp: 422623
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.81 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016686.D
Acq: 10 Jun 2020 19:33

Tgt Ion: 95 Resp: 170165
Ion Ratio Lower Upper
95 100
174 86.7 0.0 163.0
176 83.8 0.0 156.8

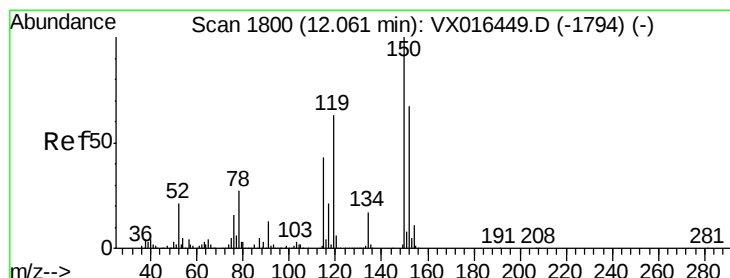
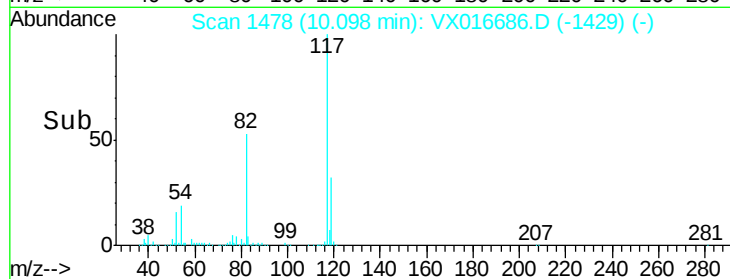
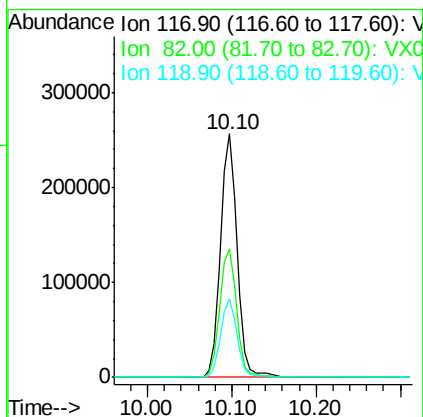
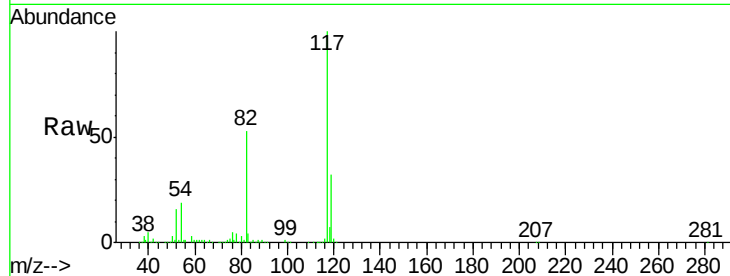




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016686.D
Acq: 10 Jun 2020 19:33

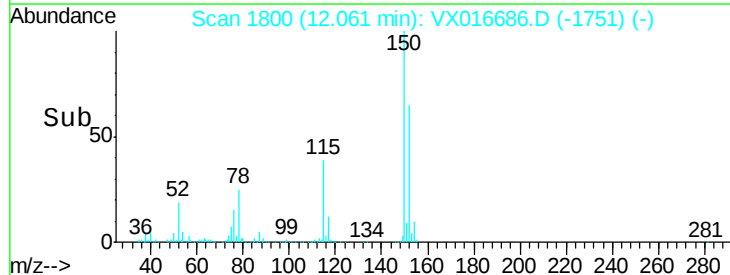
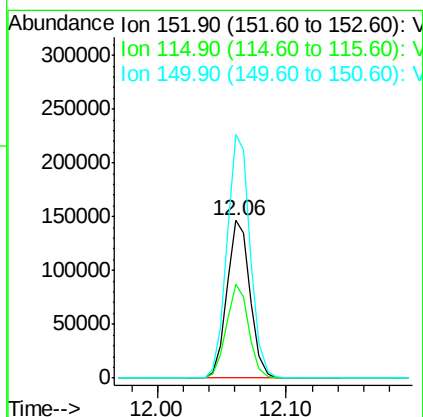
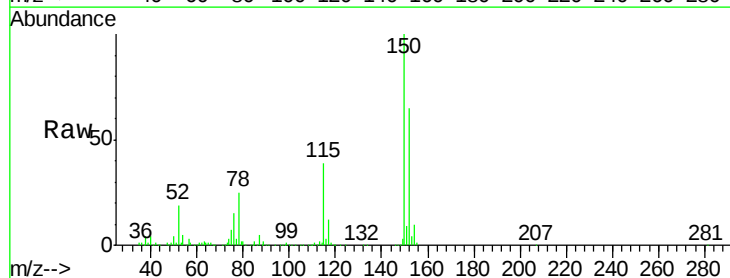
Instrument :
MSVOA_X
ClientSampleId :
LF014RW032-200608

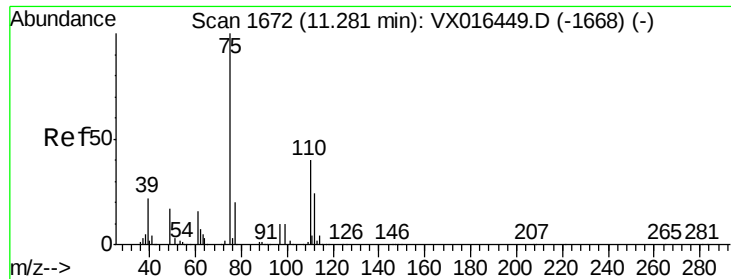
Tgt Ion:117 Resp: 352347
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.6
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016686.D
Acq: 10 Jun 2020 19:33

Tgt Ion:152 Resp: 184248
Ion Ratio Lower Upper
152 100
115 57.6 39.9 119.6
150 155.4 0.0 341.0





#76

1,2,3-Trichloropropane

Concen: 20.36 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016686.D

Acq: 10 Jun 2020 19:33

Instrument :

MSVOA_X

ClientSampleId :

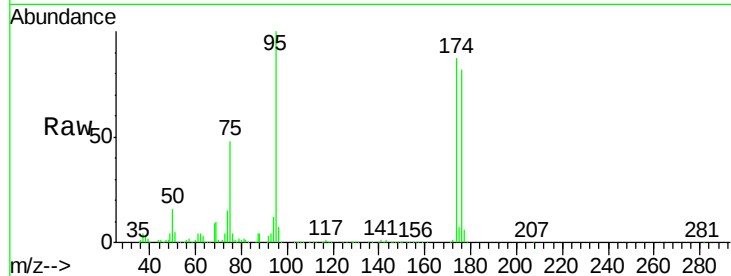
LF014RW032-200608

Tgt Ion: 75 Resp: 82436

Ion Ratio Lower Upper

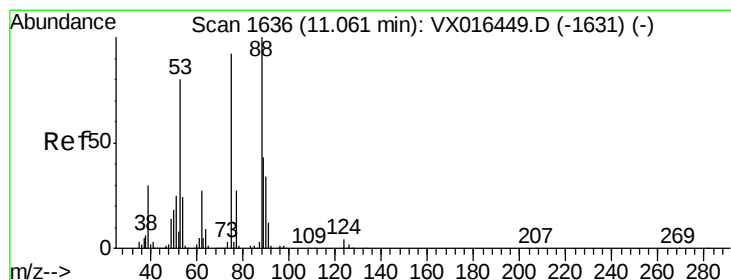
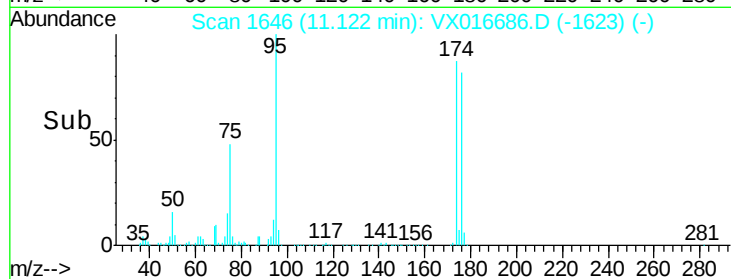
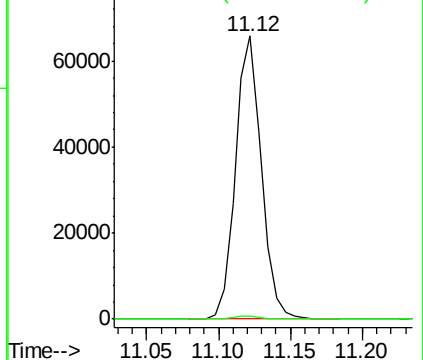
75 100

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: 50.07 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016686.D

Acq: 10 Jun 2020 19:33

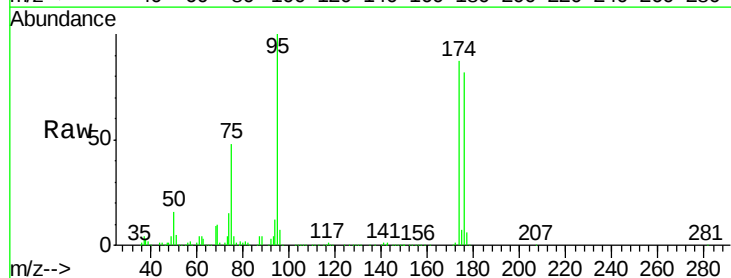
Tgt Ion: 75 Resp: 82436

Ion Ratio Lower Upper

75 100

53 0.1 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

