

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
 Data File : VX016606.D
 Acq On : 05 Jun 2020 13:16
 Operator : JC/SP
 Sample : L2894-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW162-200601DL

Quant Time: Jun 06 05:59:58 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	233943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	368694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187135	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	137026	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
35) Dibromofluoromethane	5.46	113	111800	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
50) Toluene-d8	8.70	98	459614	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.12	95	183295	53.68	ug/l	0.00
Spiked Amount			Recovery	=	107.36%	

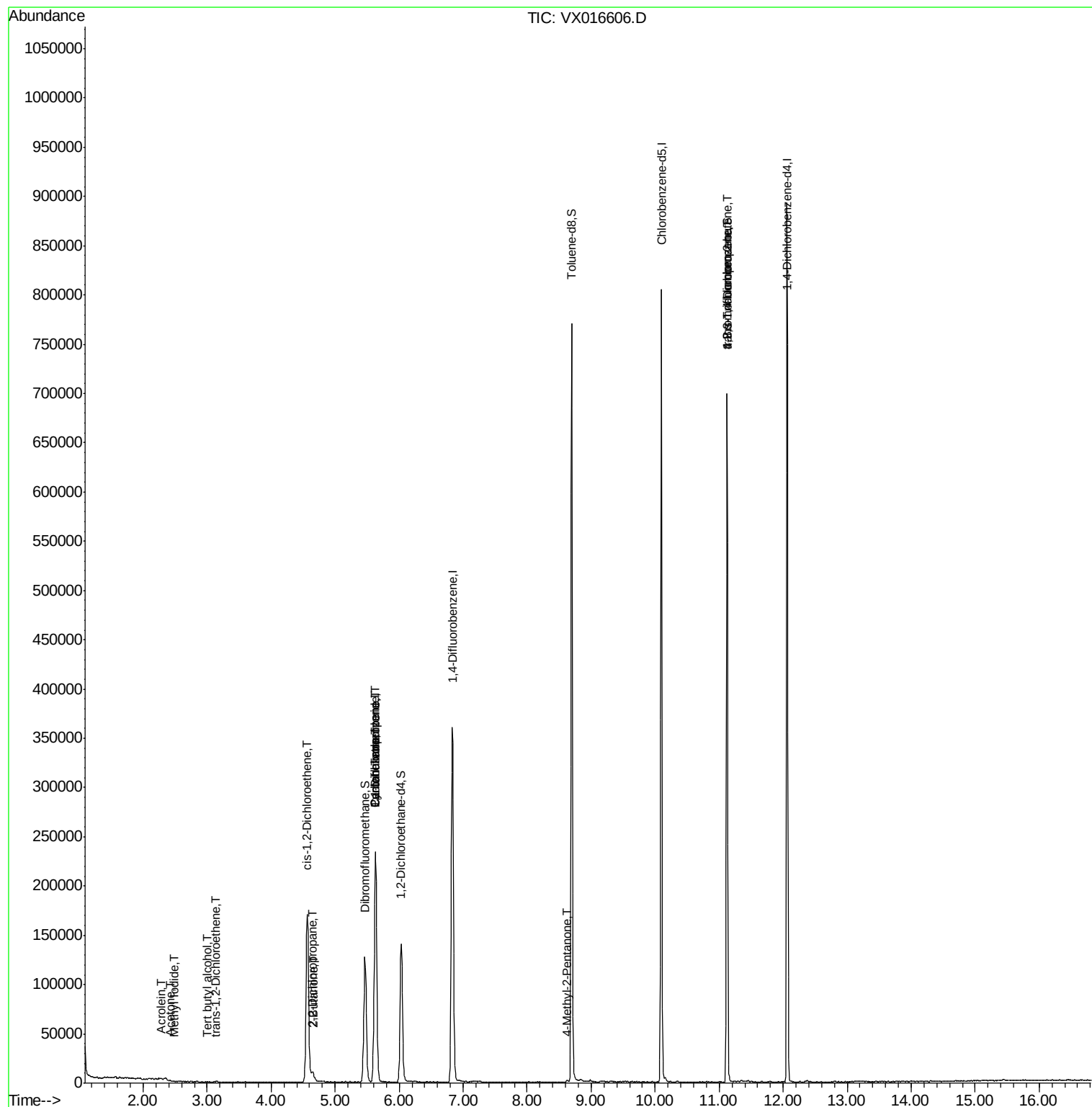
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.48	142	81	3.09	ug/l #	73
11) Tert butyl alcohol	3.01	59	175	0.23	ug/l #	72
13) Acrolein	2.28	56	419	1.32	ug/l #	55
16) Acetone	2.42	43	618	0.49	ug/l #	72
21) trans-1,2-Dichloroethene	3.14	96	498	0.20	ug/l #	68
25) 2-Butanone	4.66	43	707	0.33	ug/l #	49
26) 2,2-Dichloropropane	4.65	77	797	0.22	ug/l #	53
27) cis-1,2-Dichloroethene	4.56	96	114570	39.77	ug/l	89
31) Cyclohexane	5.62	56	3995	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15955	4.57	ug/l #	52
38) Carbon Tetrachloride	5.64	117	21505	5.86	ug/l #	16
51) 4-Methyl-2-Pentanone	8.62	43	1070	0.26	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	89162	21.68	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	89162	53.32	ug/l #	14

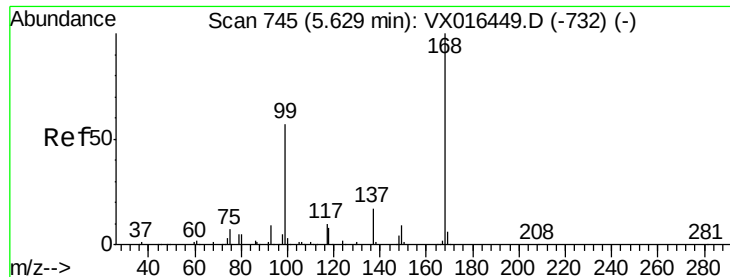
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016606.D

Acq: 05 Jun 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

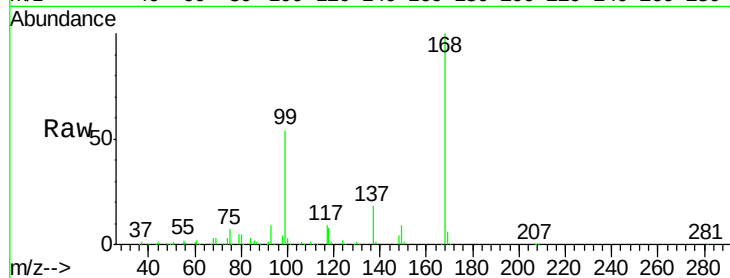
LF012RW162-200601DL

Tgt Ion:168 Resp: 233943

Ion Ratio Lower Upper

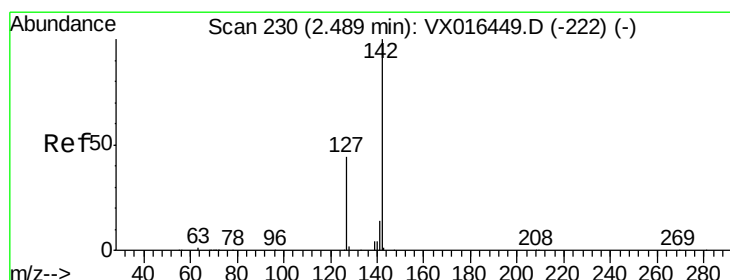
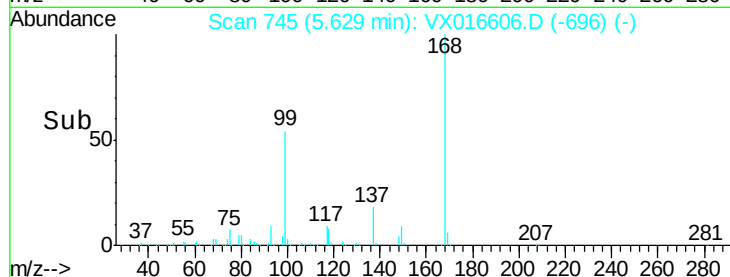
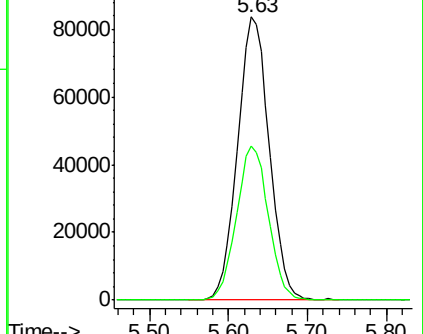
168 100

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



#10

Methyl Iodide

Concen: 3.09 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX016606.D

Acq: 05 Jun 2020 13:16

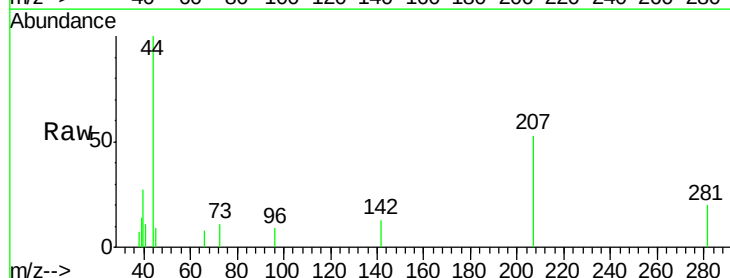
Tgt Ion:142 Resp: 81

Ion Ratio Lower Upper

142 100

127 28.4 35.3 52.9#

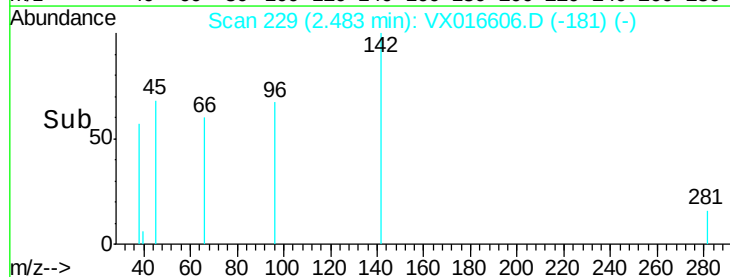
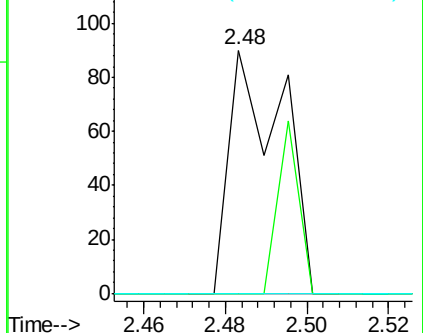
141 0.0 11.4 17.2#

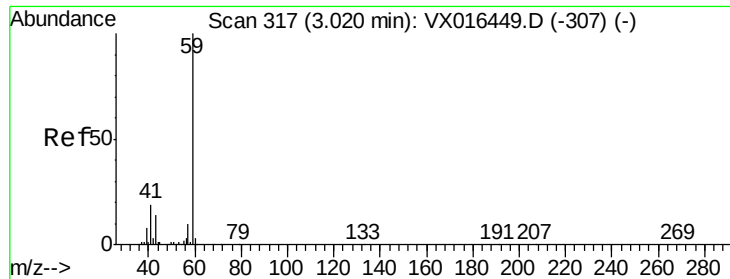


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

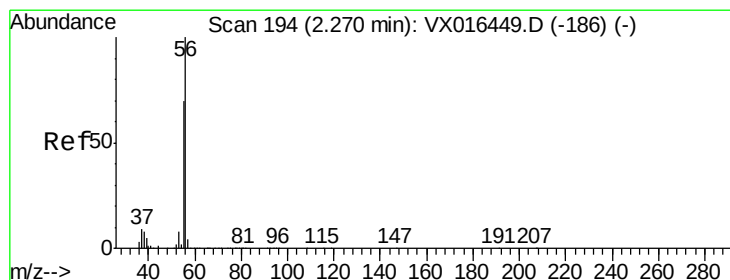
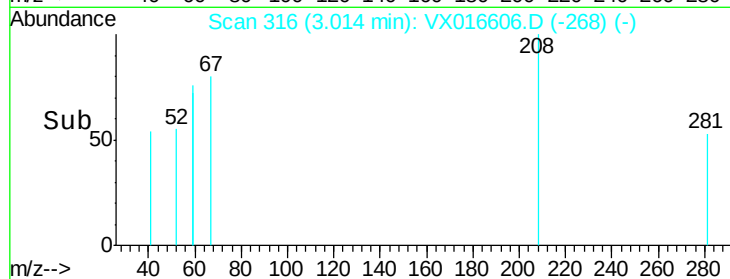
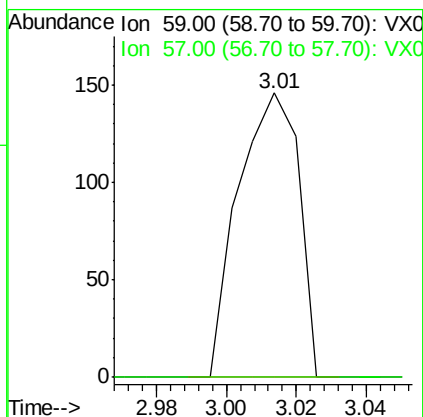
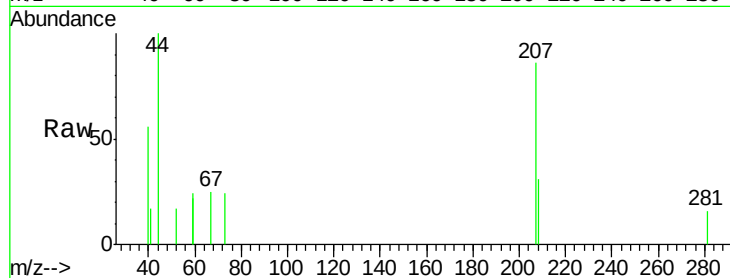




#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016606.D
Acq: 05 Jun 2020 13:16

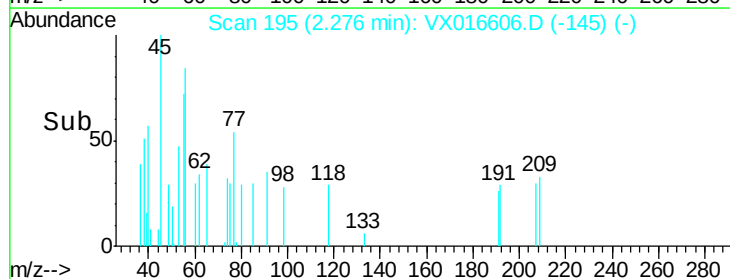
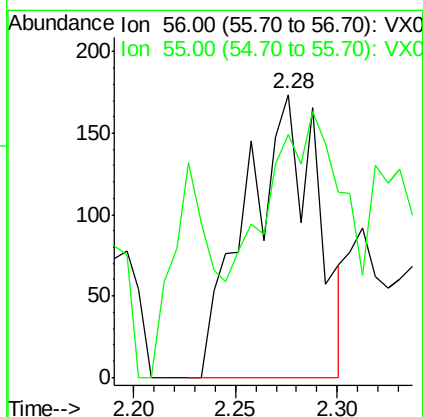
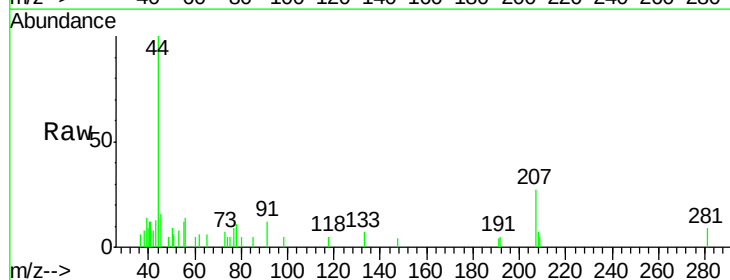
Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-200601DL

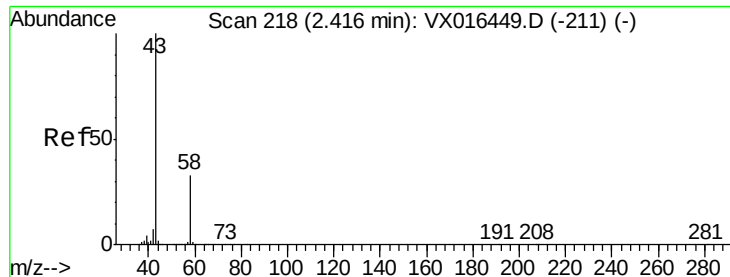
Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 1.32 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016606.D
Acq: 05 Jun 2020 13:16

Tgt Ion: 56 Resp: 419
Ion Ratio Lower Upper
56 100
55 110.7 58.3 87.5#





#16

Acetone

Concen: 0.49 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016606.D

Acq: 05 Jun 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

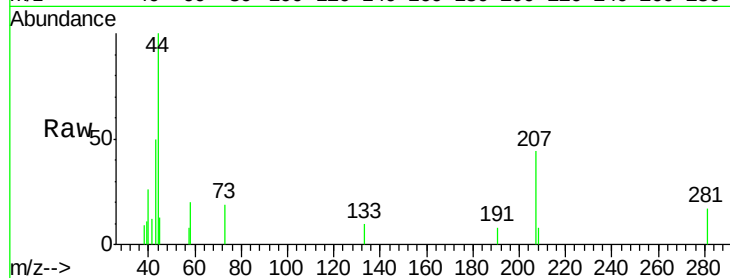
LF012RW162-200601DL

Tgt Ion: 43 Resp: 618

Ion Ratio Lower Upper

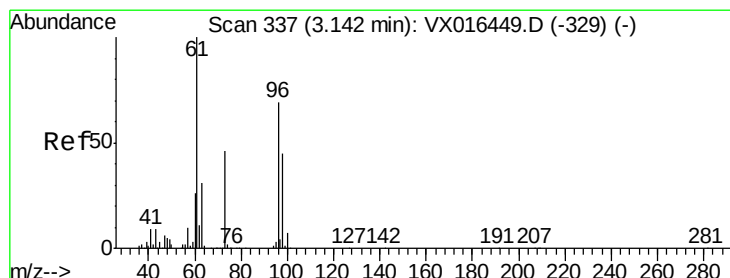
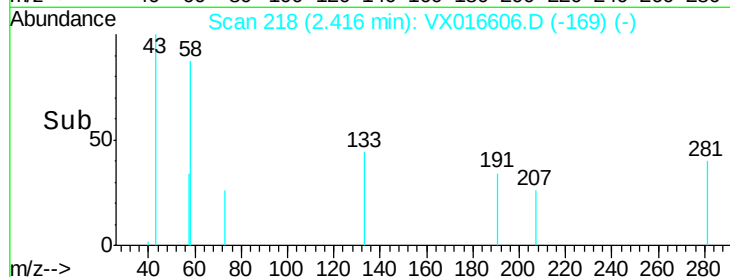
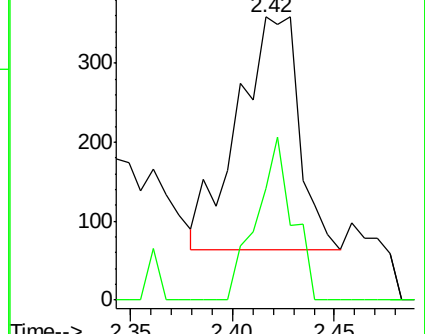
43 100

58 48.1 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.20 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016606.D

Acq: 05 Jun 2020 13:16

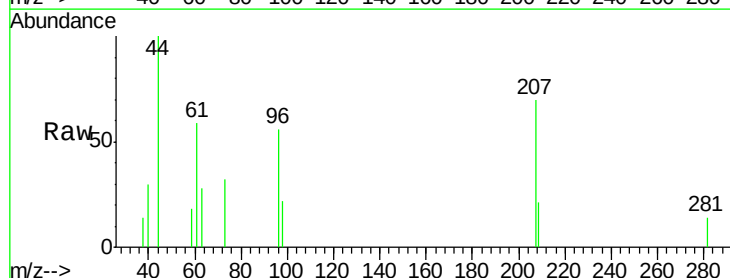
Tgt Ion: 96 Resp: 498

Ion Ratio Lower Upper

96 100

61 103.7 115.3 172.9#

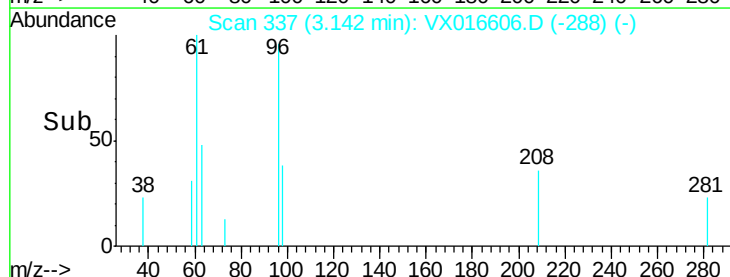
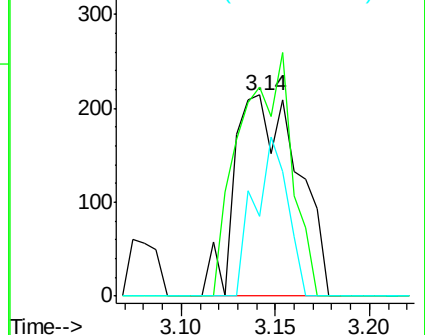
98 39.7 51.9 77.9#

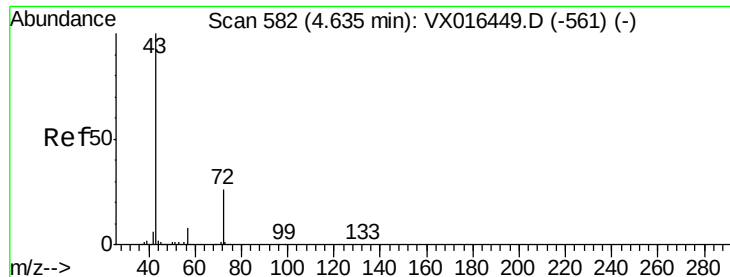


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#25

2-Butanone

Concen: 0.33 ug/l

RT: 4.66 min Scan# 586

Delta R.T. 0.02 min

Lab File: VX016606.D

Acq: 05 Jun 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

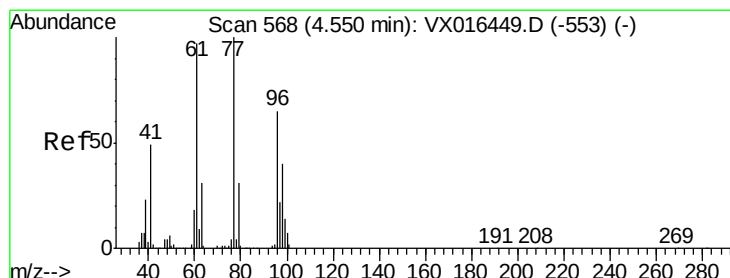
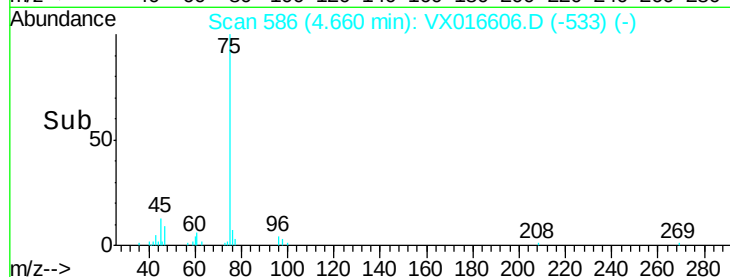
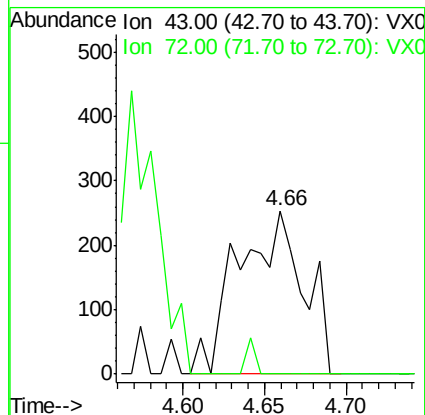
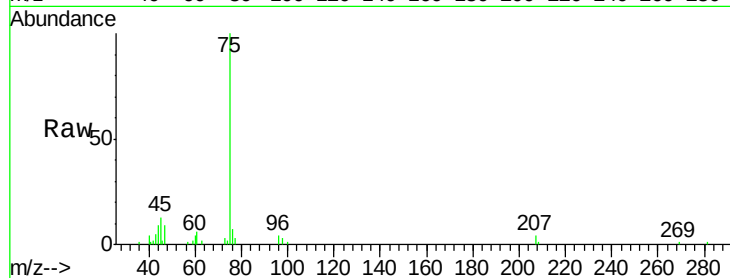
LF012RW162-200601DL

Tgt Ion: 43 Resp: 707

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 0.22 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.10 min

Lab File: VX016606.D

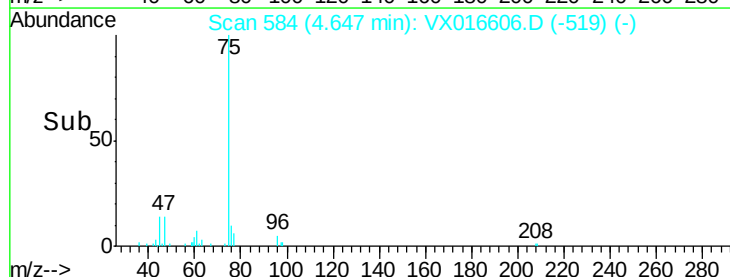
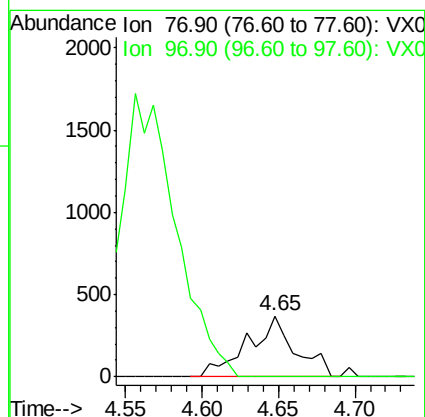
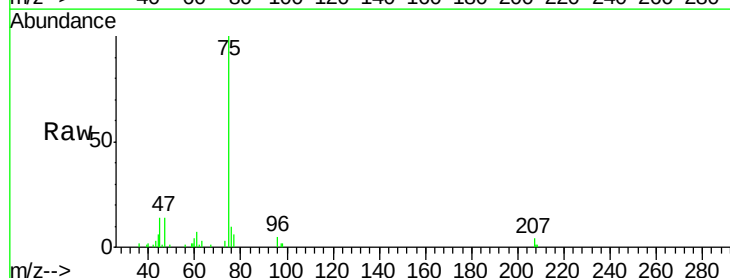
Acq: 05 Jun 2020 13:16

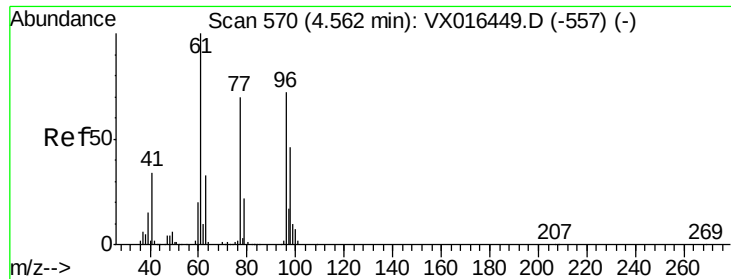
Tgt Ion: 77 Resp: 797

Ion Ratio Lower Upper

77 100

97 0.0 11.5 34.4#





#27

cis-1,2-Dichloroethene

Concen: 39.77 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016606.D

Acq: 05 Jun 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

LF012RW162-200601DL

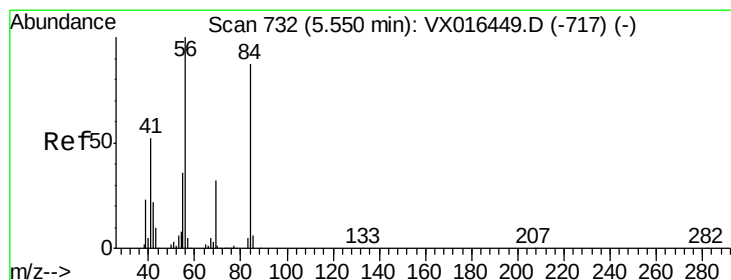
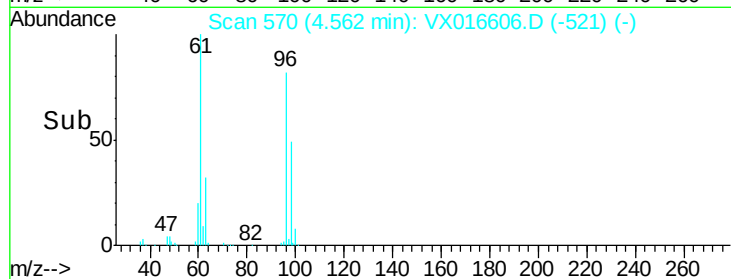
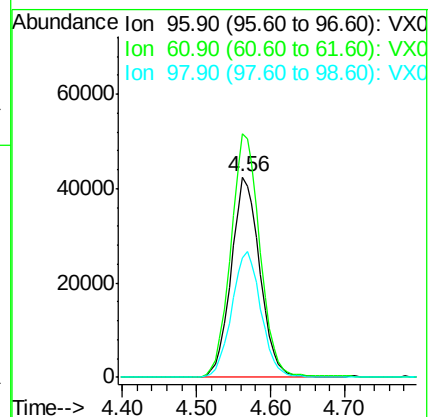
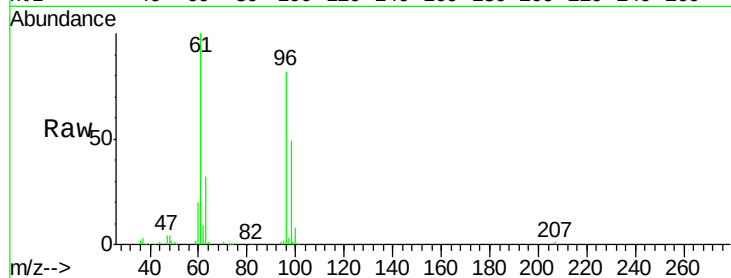
Tgt Ion: 96 Resp: 114570

Ion Ratio Lower Upper

96 100

61 123.0 0.0 284.6

98 64.0 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: VX016606.D

Acq: 05 Jun 2020 13:16

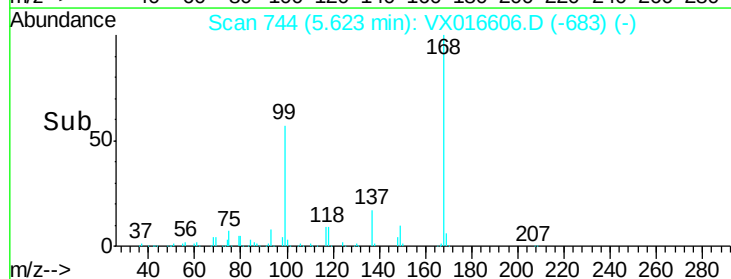
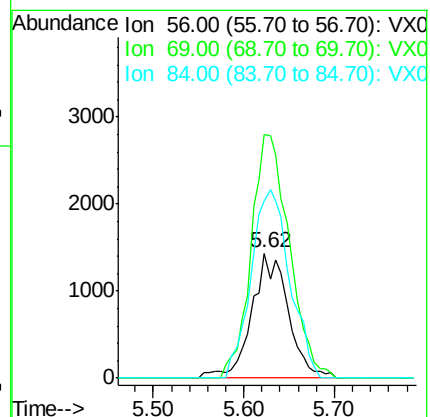
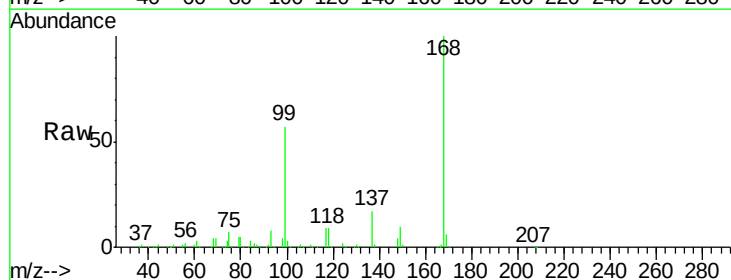
Tgt Ion: 56 Resp: 3995

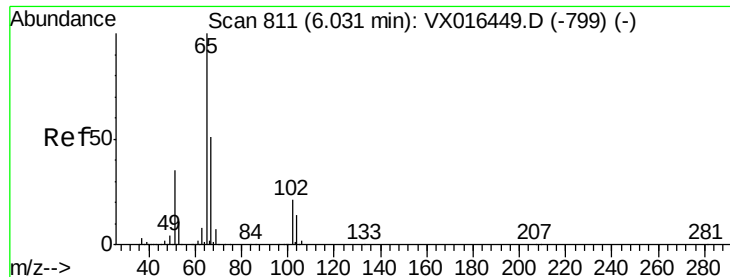
Ion Ratio Lower Upper

56 100

69 194.9 25.7 38.5#

84 141.8 70.0 105.0#

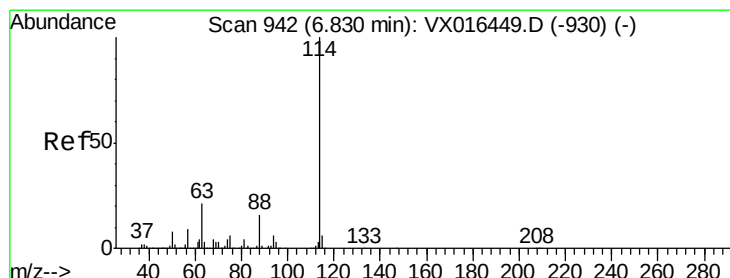
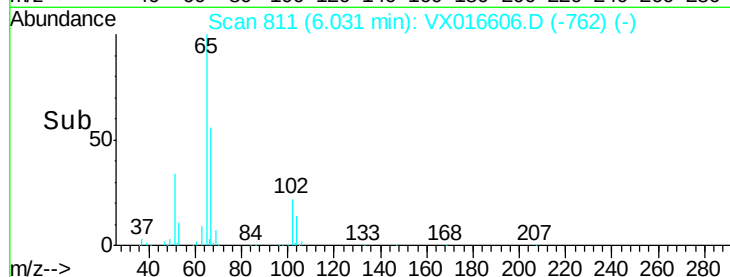
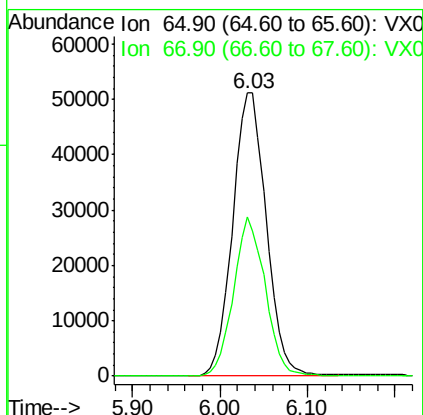
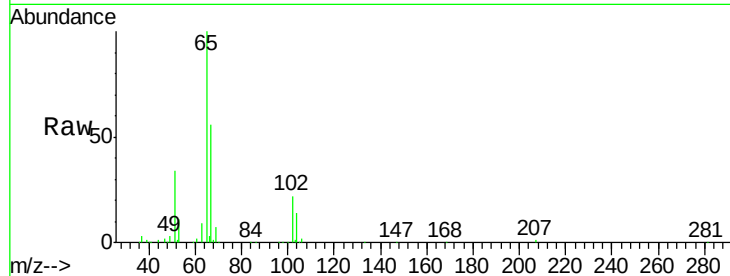




#33
 1,2-Dichloroethane-d4
 Concen: 47.16 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016606.D
 Acq: 05 Jun 2020 13:16

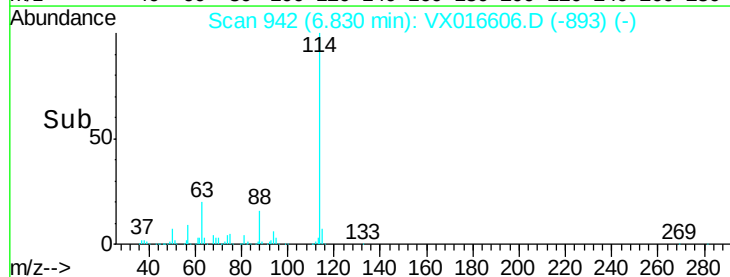
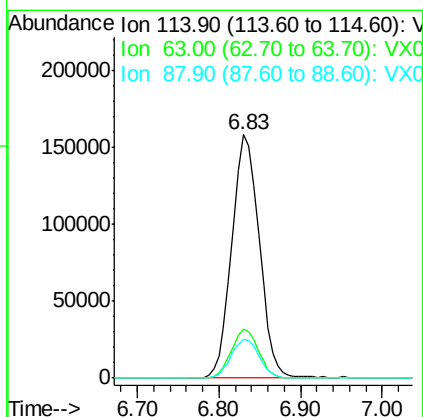
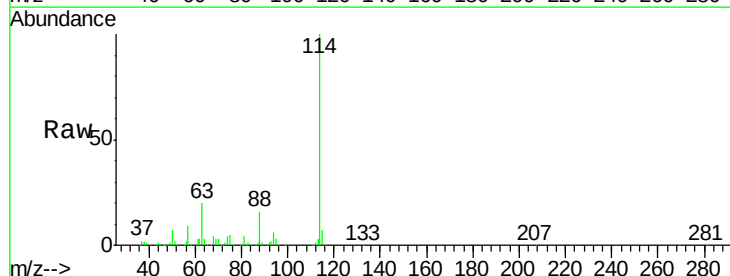
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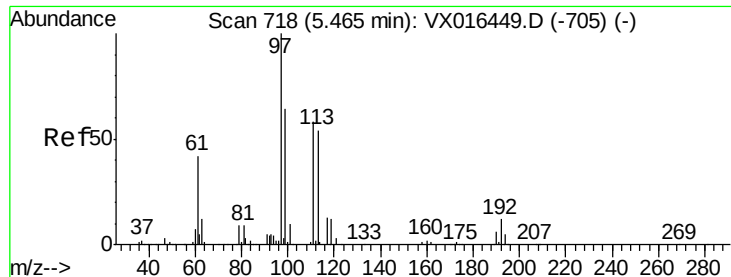
Tgt Ion: 65 Resp: 137026
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016606.D
 Acq: 05 Jun 2020 13:16

Tgt Ion: 114 Resp: 368694
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.6
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.25 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016606.D

Acq: 05 Jun 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

LF012RW162-200601DL

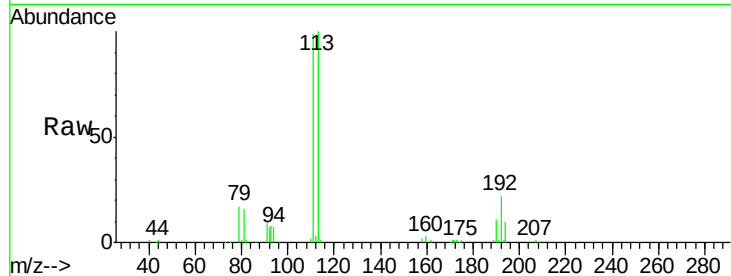
Tgt Ion:113 Resp: 111800

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

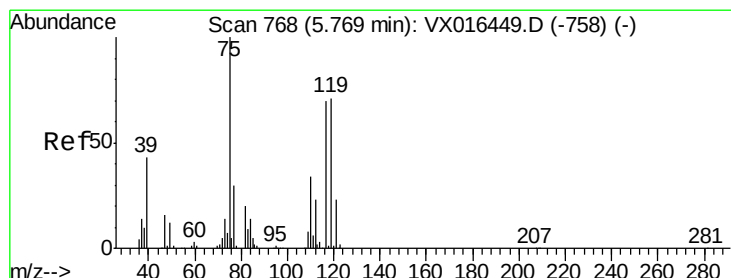
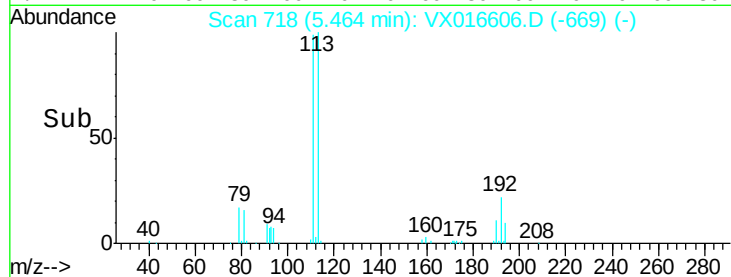
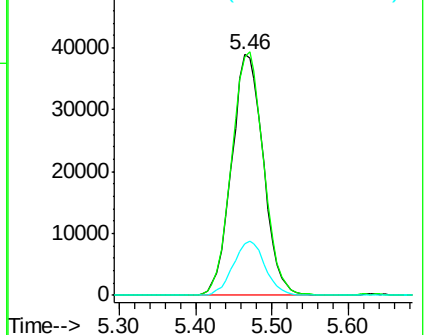
192 22.6 17.7 26.5



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: 4.57 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016606.D

Acq: 05 Jun 2020 13:16

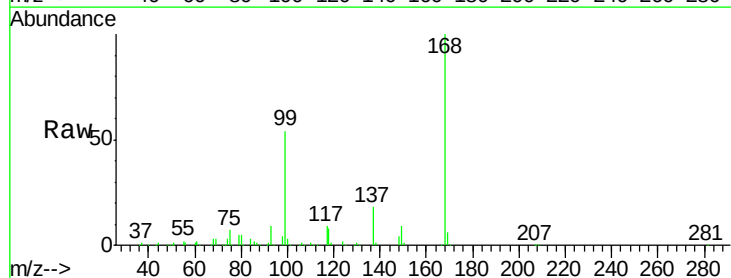
Tgt Ion: 75 Resp: 15955

Ion Ratio Lower Upper

75 100

110 10.7 17.4 52.3#

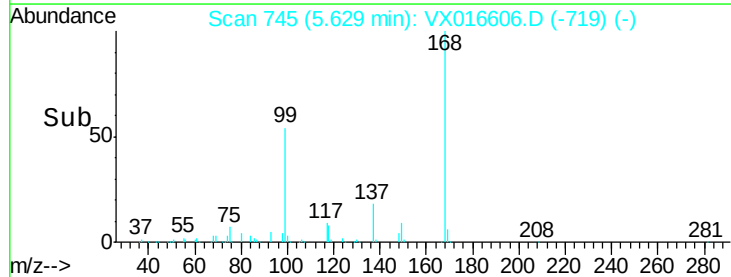
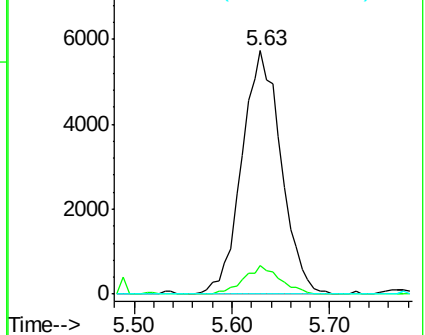
77 0.0 24.2 36.4#

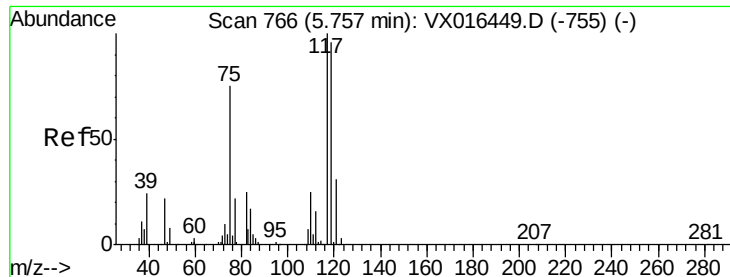


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

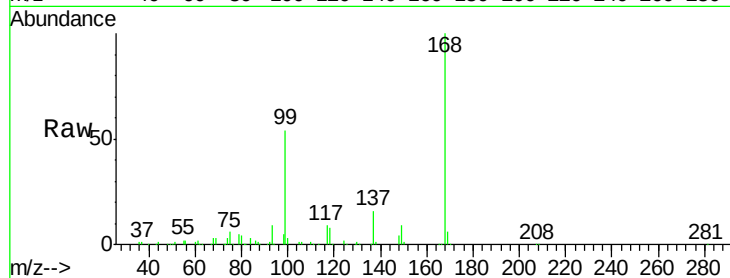




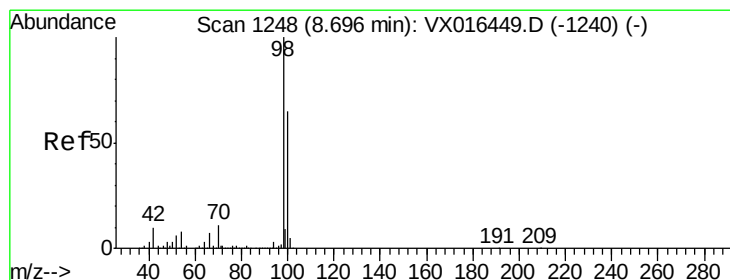
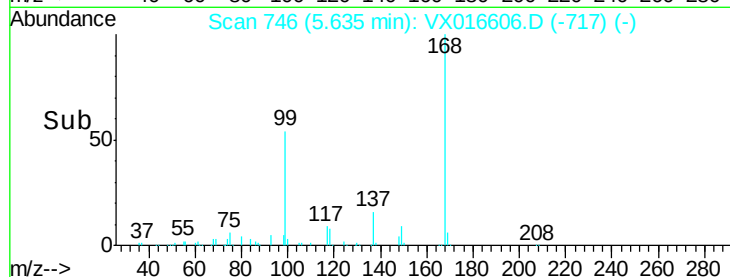
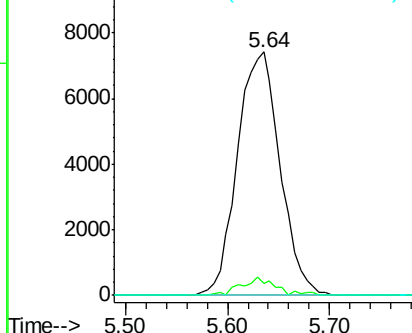
#38
Carbon Tetrachloride
Concen: 5.86 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016606.D
Acq: 05 Jun 2020 13:16

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-200601DL

Tgt Ion:117 Resp: 21505
Ion Ratio Lower Upper
117 100
119 4.6 76.3 114.5#
121 0.0 24.6 37.0#

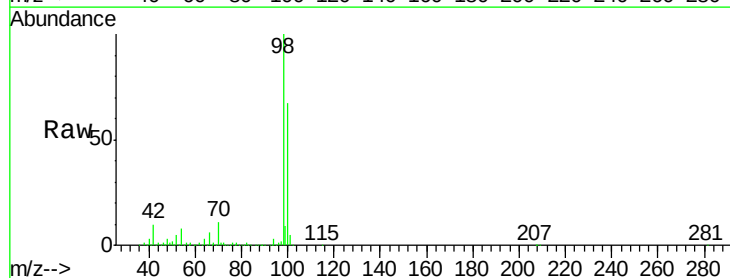


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

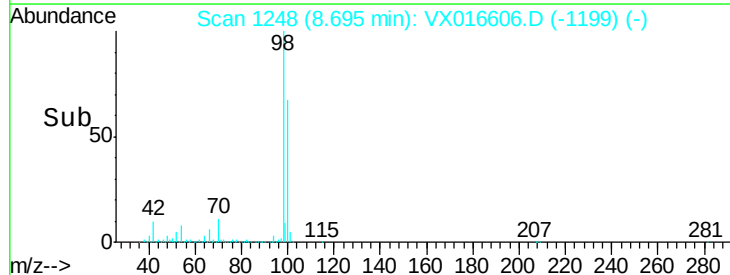
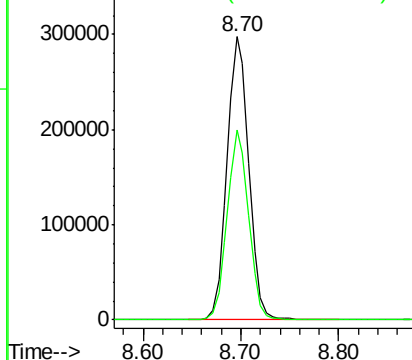


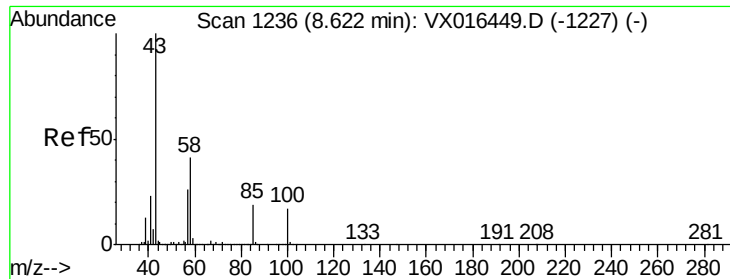
#50
Toluene-d8
Concen: 52.02 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016606.D
Acq: 05 Jun 2020 13:16

Tgt Ion: 98 Resp: 459614
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

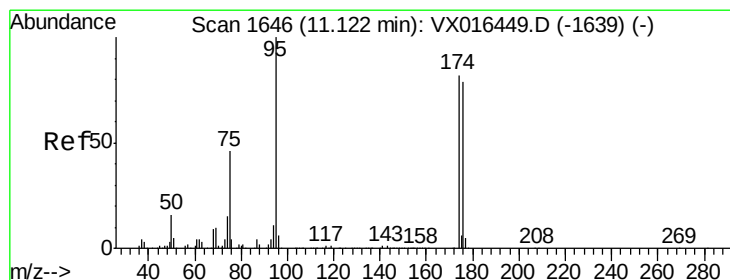
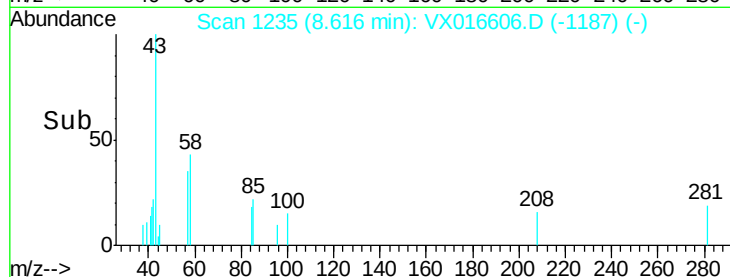
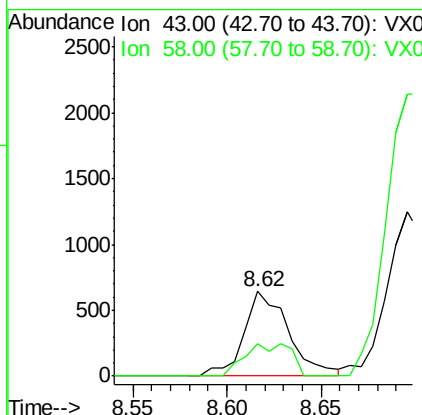
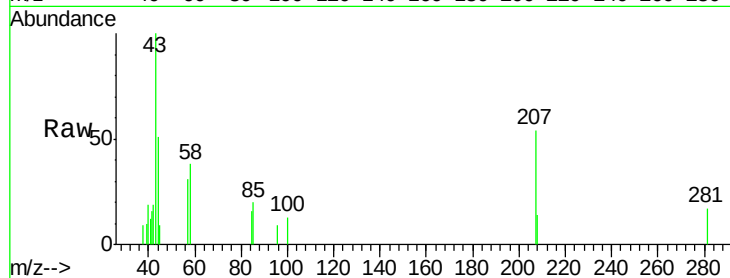




#51
4-Methyl-2-Pentanone
Concen: 0.26 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016606.D
Acq: 05 Jun 2020 13:16

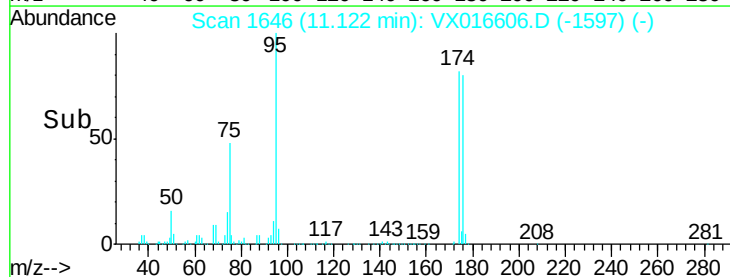
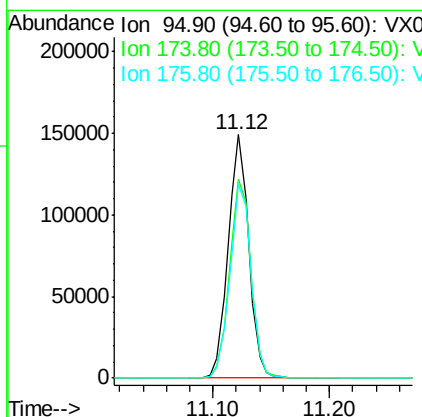
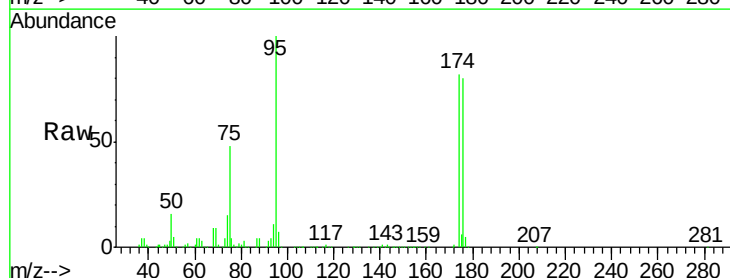
Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-200601DL

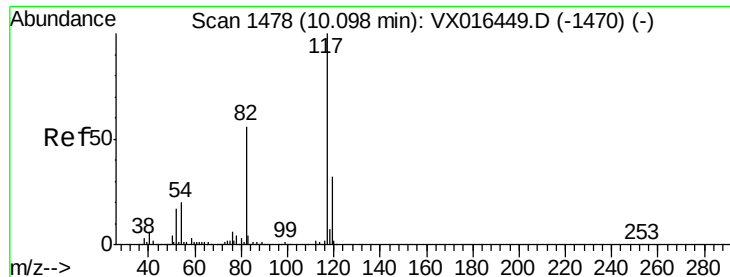
Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
58 39.0 33.0 49.6



#62
4-Bromofluorobenzene
Concen: 53.68 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016606.D
Acq: 05 Jun 2020 13:16

Tgt Ion: 95 Resp: 183295
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 82.1 0.0 156.8

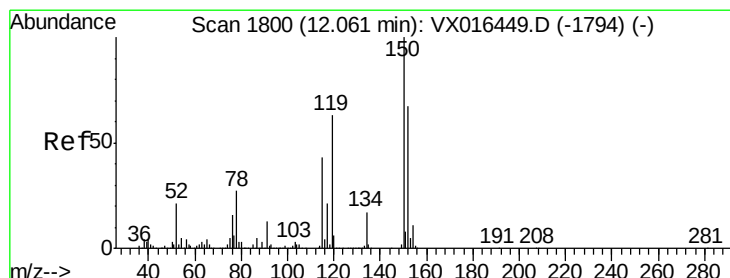
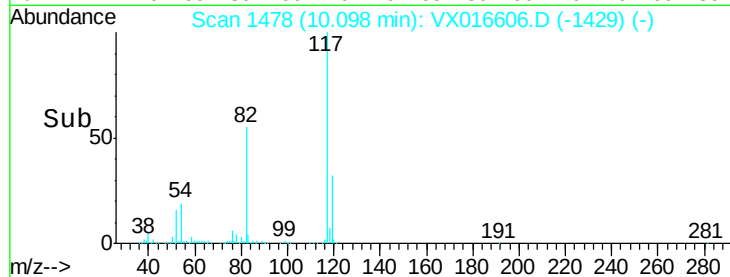
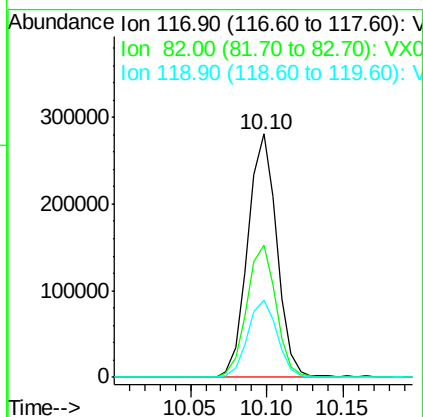
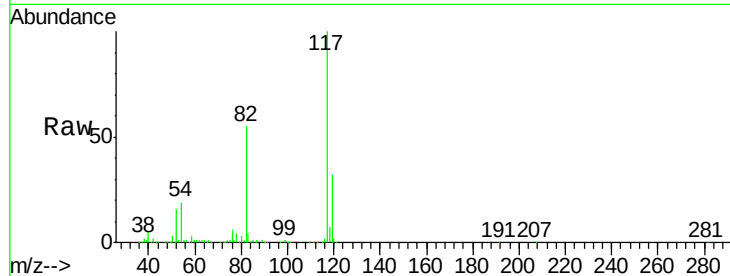




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016606.D
Acq: 05 Jun 2020 13:16

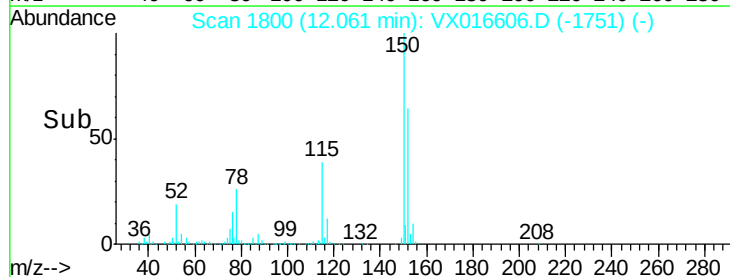
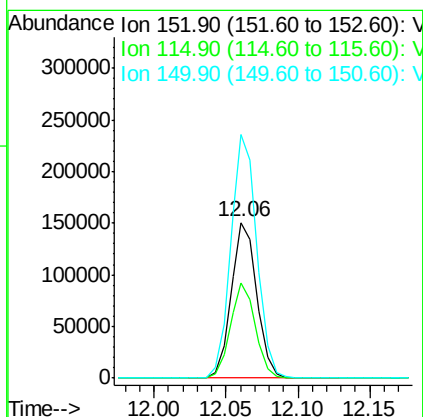
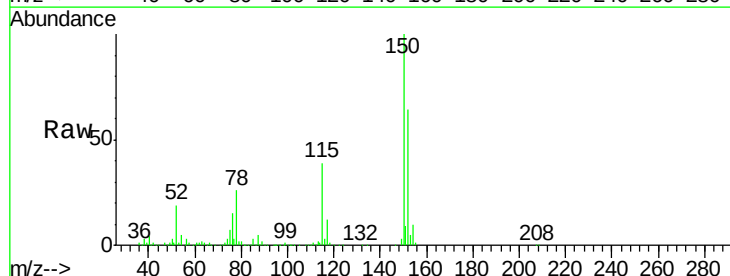
Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-200601DL

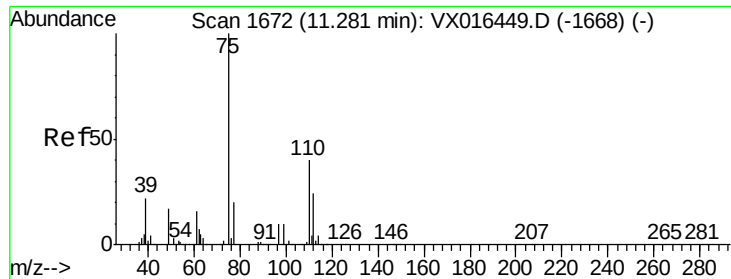
Tgt Ion:117 Resp: 371530
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.6
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016606.D
Acq: 05 Jun 2020 13:16

Tgt Ion:152 Resp: 187135
Ion Ratio Lower Upper
152 100
115 59.2 39.9 119.6
150 158.8 0.0 341.0

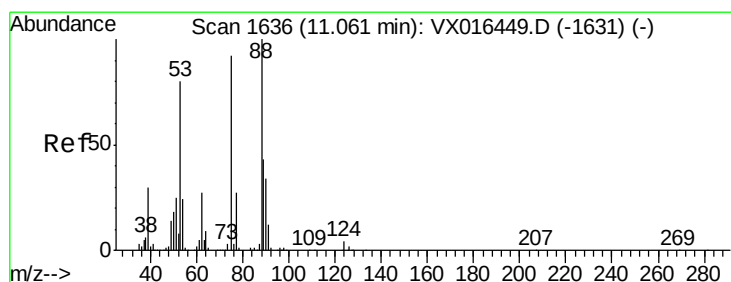
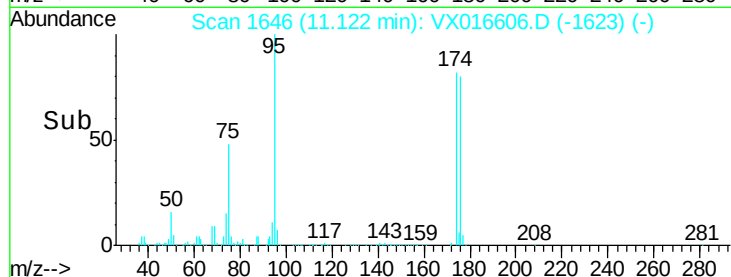
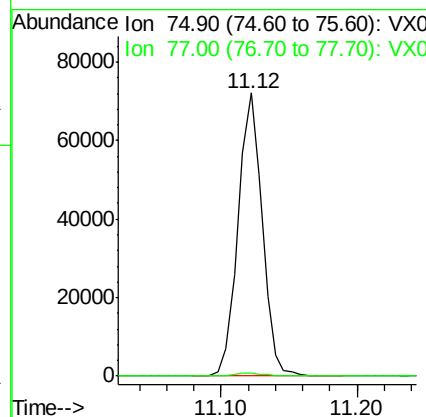
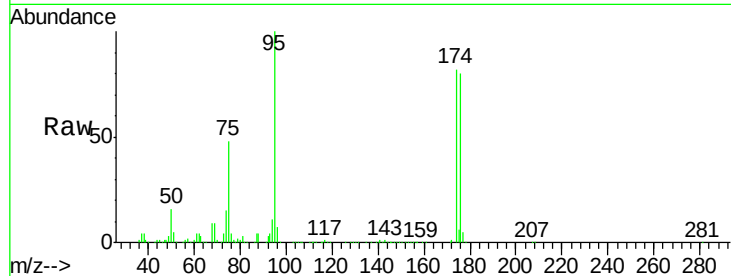




#76
 1,2,3-Trichloropropane
 Concen: 21.68 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016606.D
 Acq: 05 Jun 2020 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW162-200601DL

Tgt Ion: 75 Resp: 89162
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.3 63.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.32 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016606.D
 Acq: 05 Jun 2020 13:16

Tgt Ion: 75 Resp: 89162
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 36.6 55.0#

