

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016492.D
 Acq On : 28 May 2020 17:48
 Operator : JC/SP
 Sample : L2777-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW002-200526

Quant Time: May 29 03:40:26 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

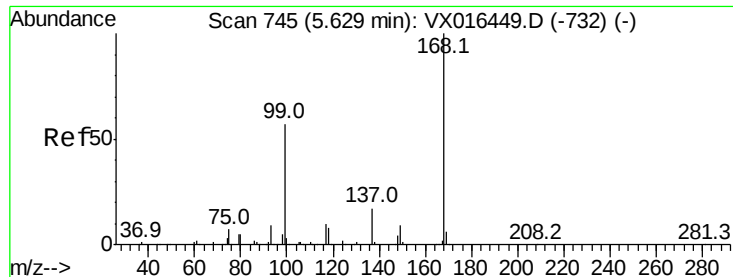
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	270613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	445840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220054	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	160043	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
35) Dibromofluoromethane	5.47	113	126844	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
50) Toluene-d8	8.70	98	549891	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.12	95	227315	55.06	ug/l	0.00
Spiked Amount			Recovery	=	110.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1923	0.598	ug/l	97
13) Acrolein	2.28	56	94	0.256	ug/l #	13
16) Acetone	2.42	43	6301	4.279	ug/l	96
17) Carbon Disulfide	2.56	76	2800	0.362	ug/l #	78
25) 2-Butanone	4.66	43	726	0.291	ug/l #	49
31) Cyclohexane	5.63	56	5380	1.152	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	19856	4.704	ug/l #	51
38) Carbon Tetrachloride	5.63	117	25752	5.805	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	112267	23.211	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	112267	57.094	ug/l #	14

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

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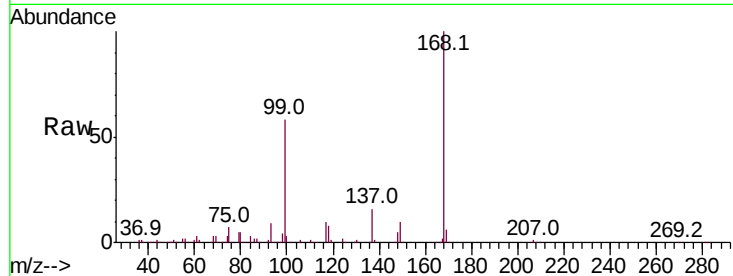


#1

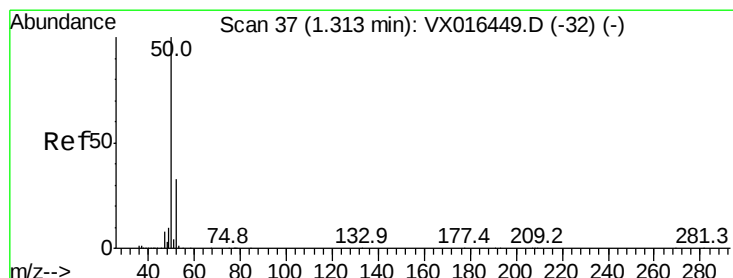
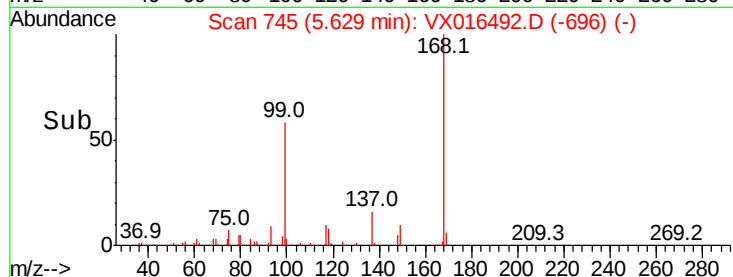
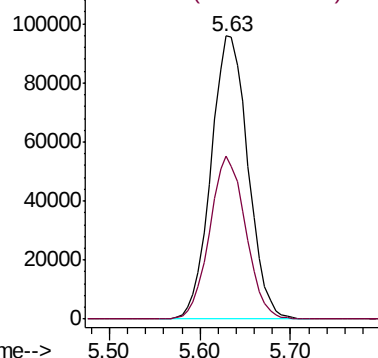
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX016492.D
 Acq: 28 May 2020 17:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW002-200526

Tot Ion:168 Resp: 270613
 Ion Ratio Lower Upper
 168 100
 99 57.7 45.2 67.8



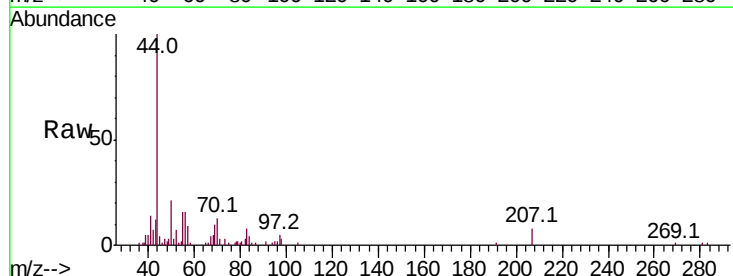
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



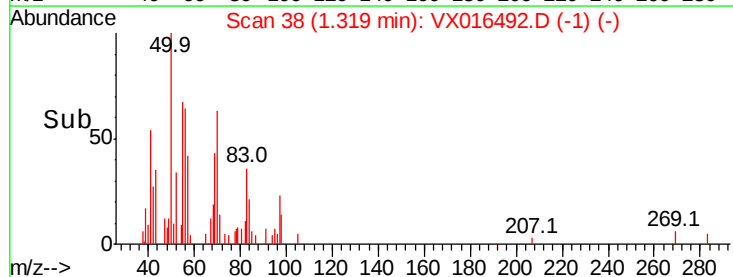
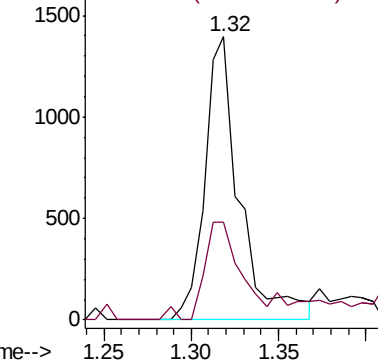
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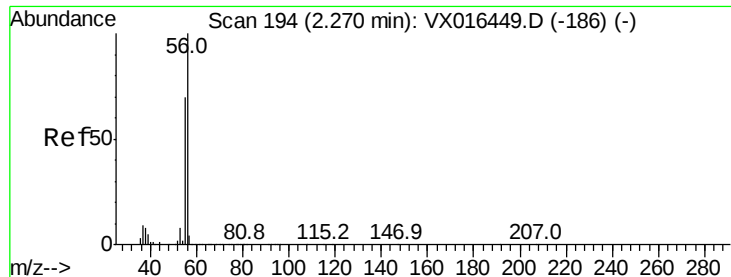
Chloromethane
 Concen: 0.598 ug/l
 RT: 1.32 min Scan# 38
 Delta R.T. 0.01 min
 Lab File: VX016492.D
 Acq: 28 May 2020 17:48

Tgt Ion: 50 Resp: 1923
 Ion Ratio Lower Upper
 50 100
 52 34.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0
 Ion 51.90 (51.60 to 52.60): VX0

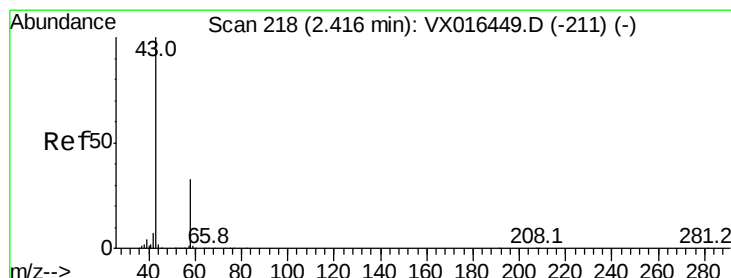
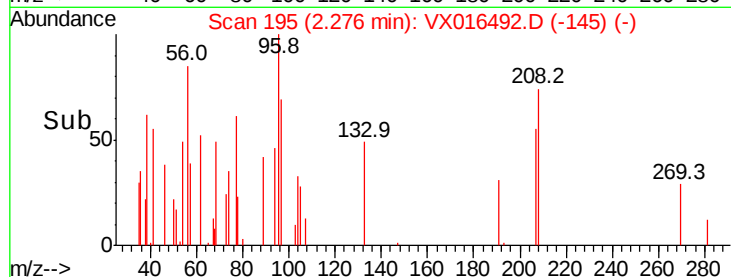
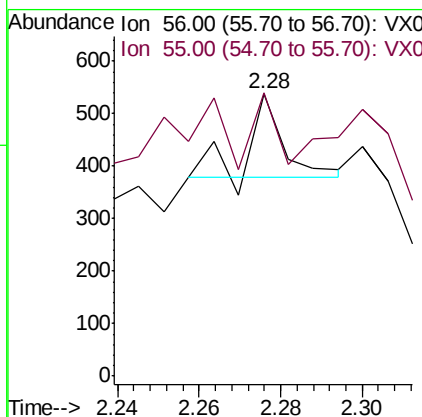
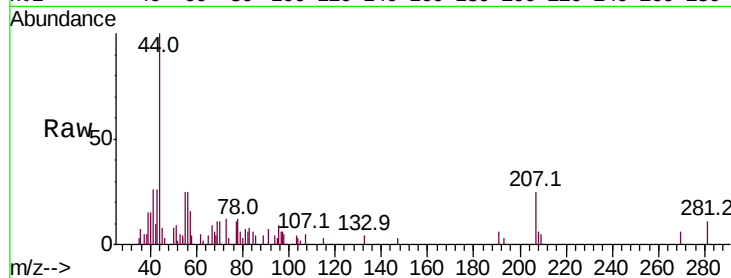




#13
Acrolein
Concen: 0.256 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016492.D
Acq: 28 May 2020 17:48

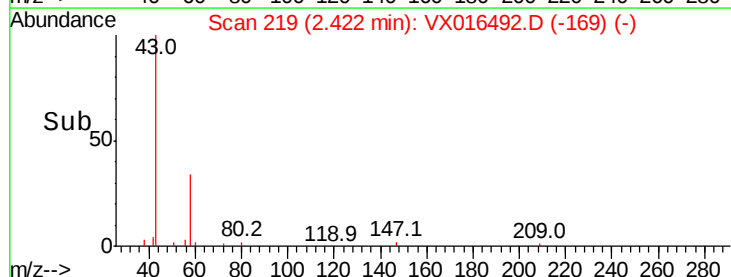
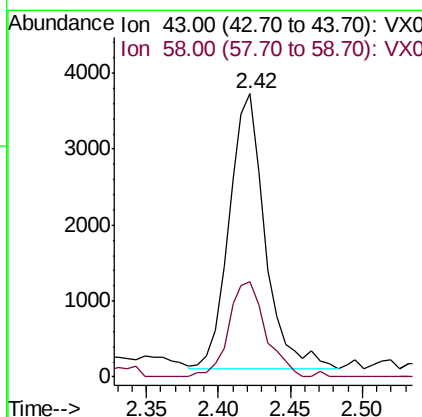
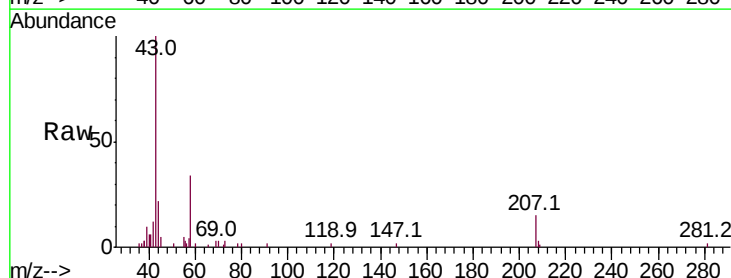
Instrument :
MSVOA_X
ClientSampleId :
SS036MW002-200526

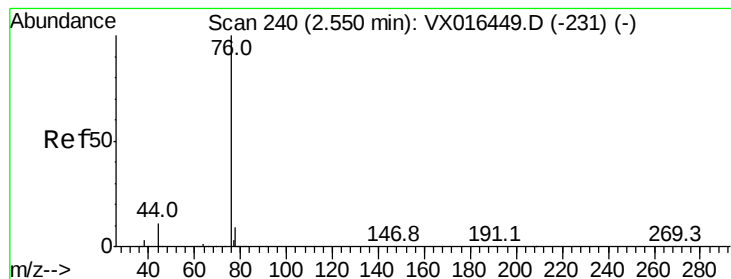
Tot Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 0.0 58.3 87.5#



#16
Acetone
Concen: 4.279 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX016492.D
Acq: 28 May 2020 17:48

Tgt Ion: 43 Resp: 6301
Ion Ratio Lower Upper
43 100
58 34.8 26.1 39.1





#17

Carbon Disulfide

Concen: 0.362 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016492.D

Acq: 28 May 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

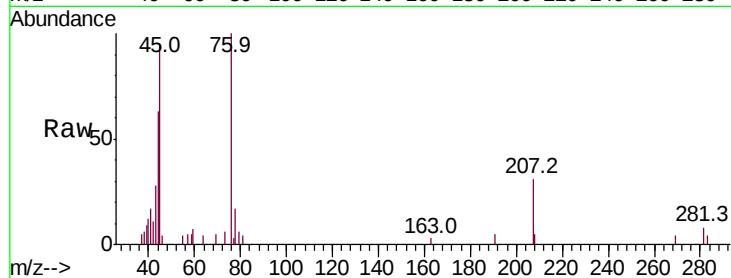
SS036MW002-200526

Tot Ion: 76 Resp: 2800

Ion Ratio Lower Upper

76 100

78 17.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

1500

1000

500

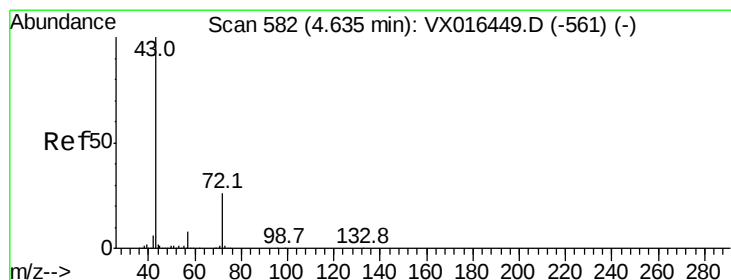
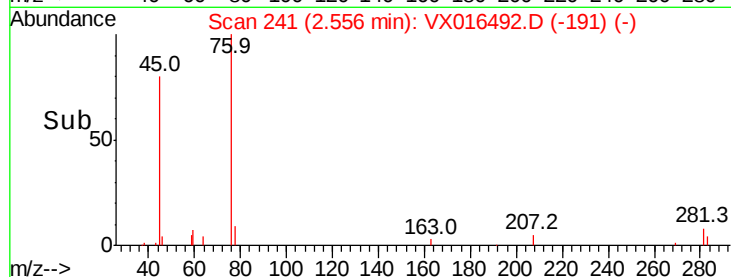
0

2.50

2.55

2.60

Time-->



#25

2-Butanone

Concen: 0.291 ug/l

RT: 4.66 min Scan# 586

Delta R.T. 0.02 min

Lab File: VX016492.D

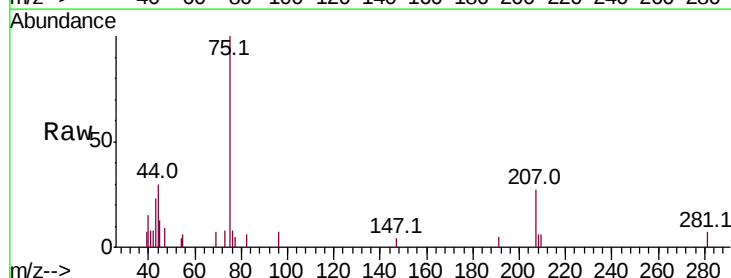
Acq: 28 May 2020 17:48

Tgt Ion: 43 Resp: 726

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

300

200

100

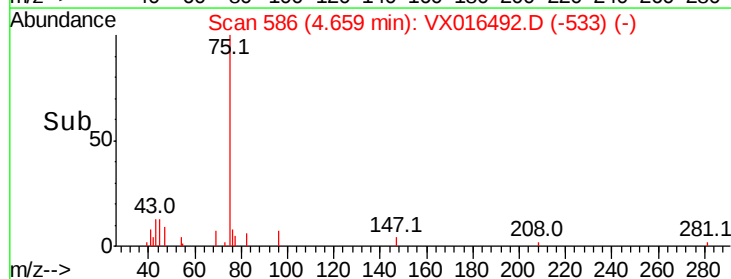
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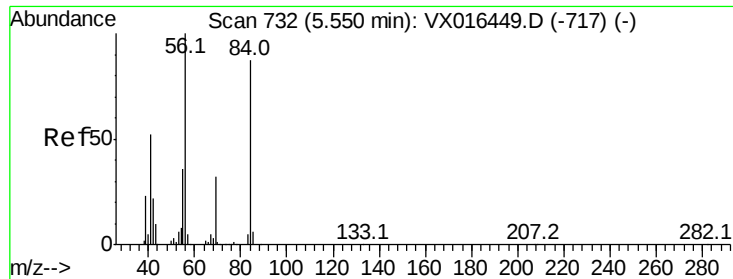
4.60

4.65

4.70

Time-->

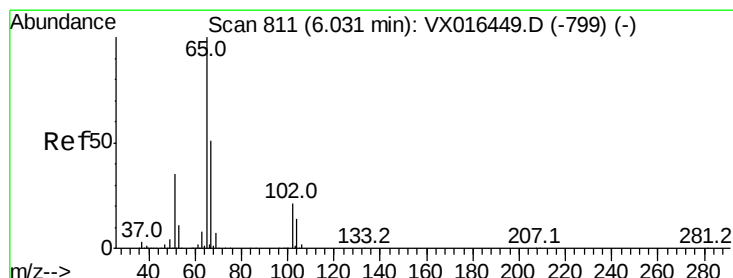
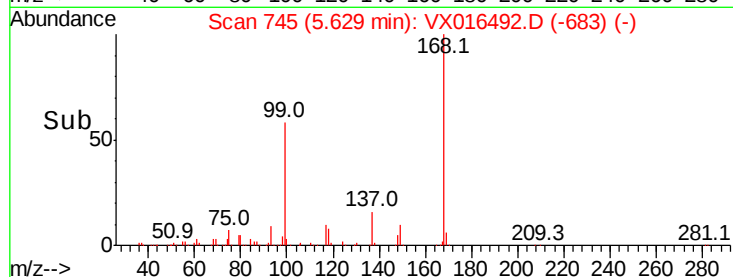
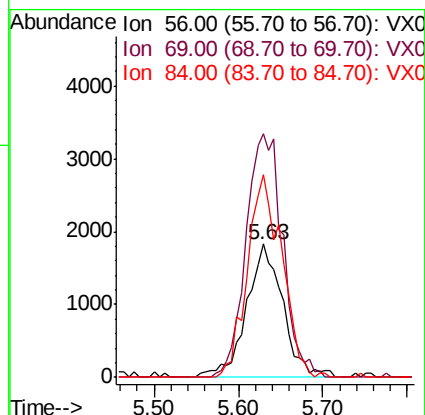
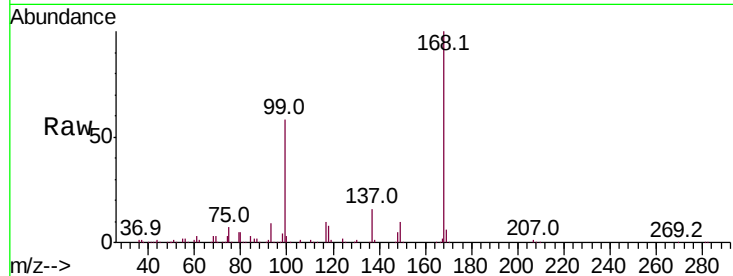




#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016492.D
Acq: 28 May 2020 17:48

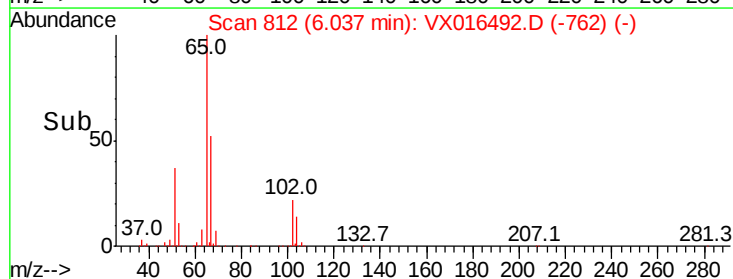
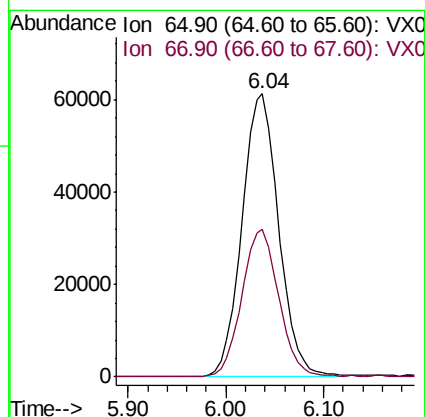
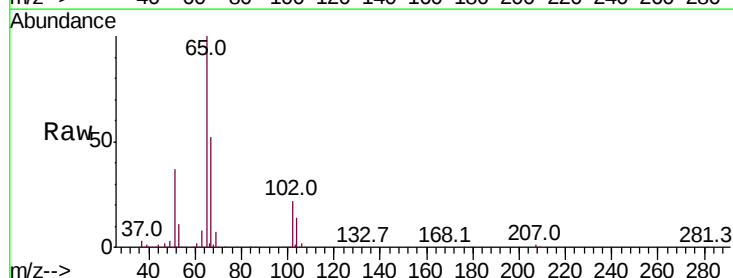
Instrument :
MSVOA_X
ClientSampleId :
SS036MW002-200526

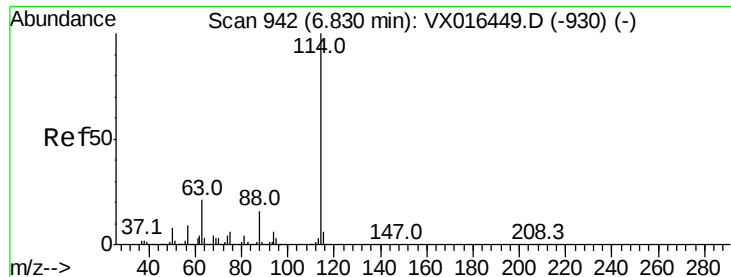
Tot Ion: 56 Resp: 5380
Ion Ratio Lower Upper
56 100
69 182.5 25.7 38.5#
84 152.2 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 47.622 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016492.D
Acq: 28 May 2020 17:48

Tgt Ion: 65 Resp: 160043
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: VX016492.D

Acq: 28 May 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

SS036MW002-200526

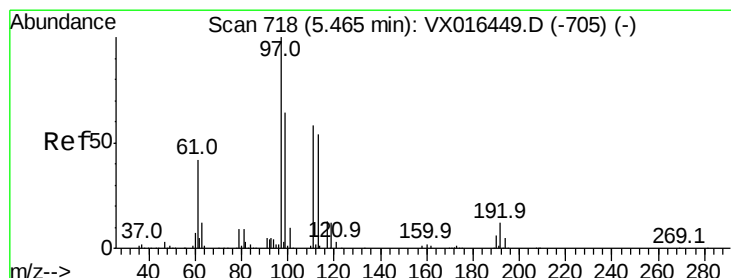
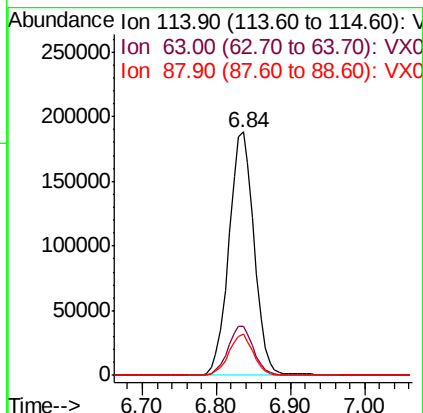
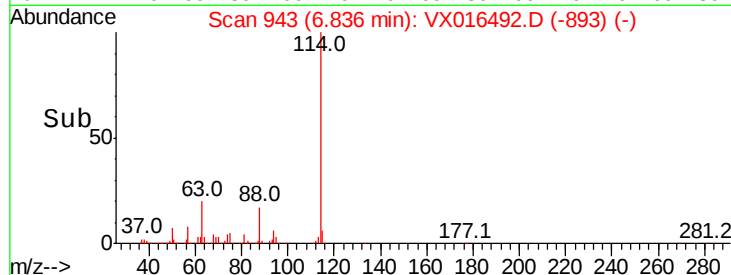
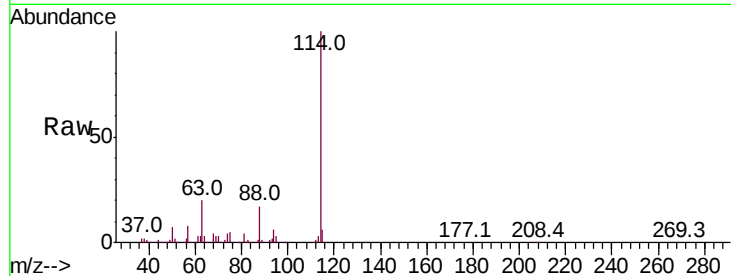
Tot Ion:114 Resp: 445840

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 16.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.205 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016492.D

Acq: 28 May 2020 17:48

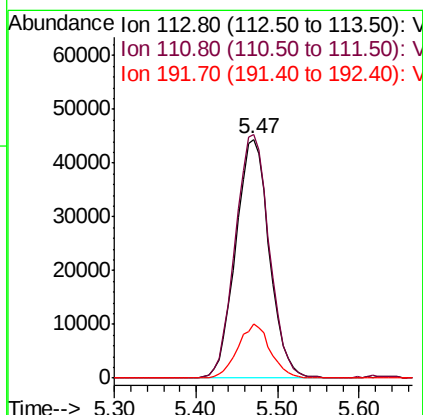
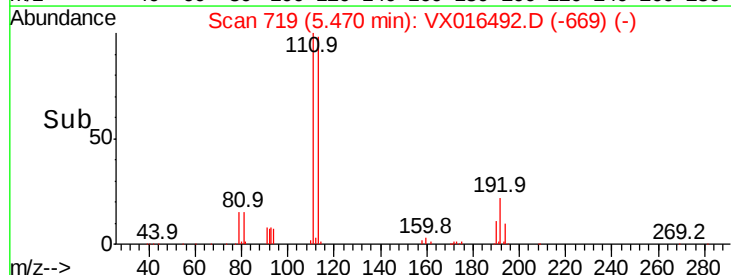
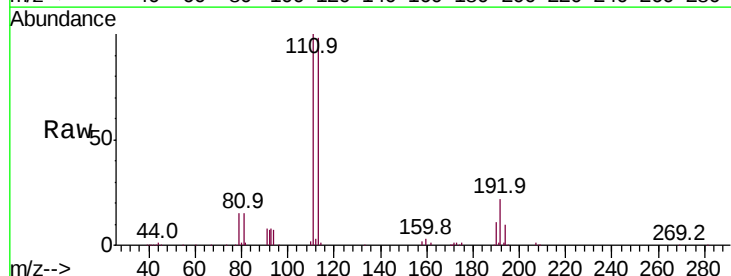
Tgt Ion:113 Resp: 126844

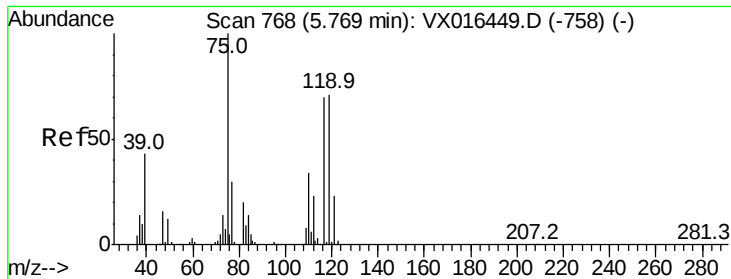
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

192 21.9 17.7 26.5





#36

1,1-Dichloropropene

Concen: 4.704 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX016492.D

Acq: 28 May 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

SS036MW002-200526

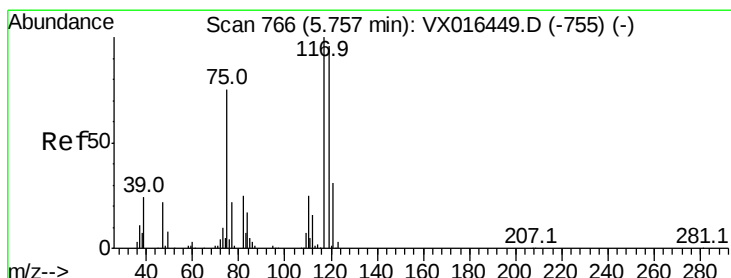
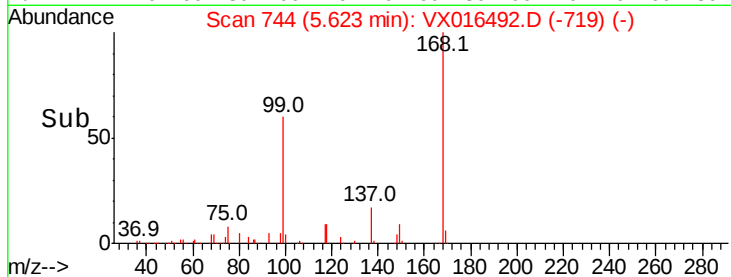
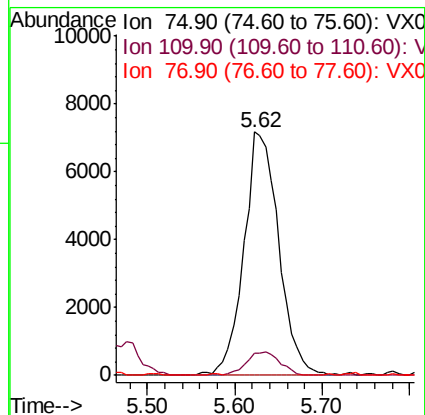
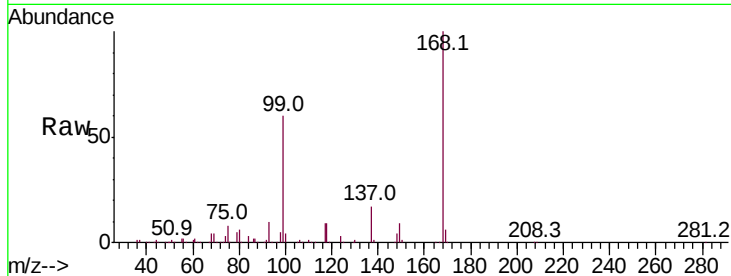
Tot Ion: 75 Resp: 19856

Ion Ratio Lower Upper

75 100

110 9.4 17.4 52.3#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.805 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016492.D

Acq: 28 May 2020 17:48

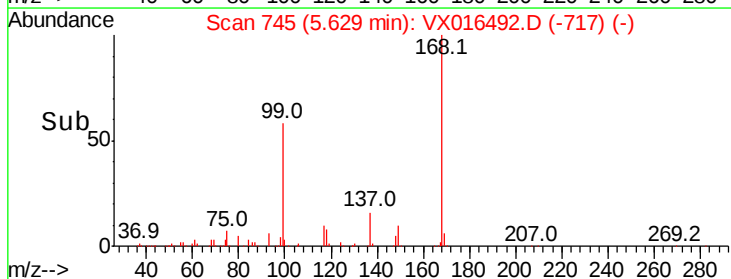
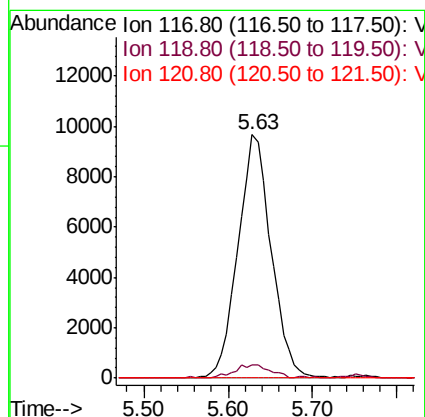
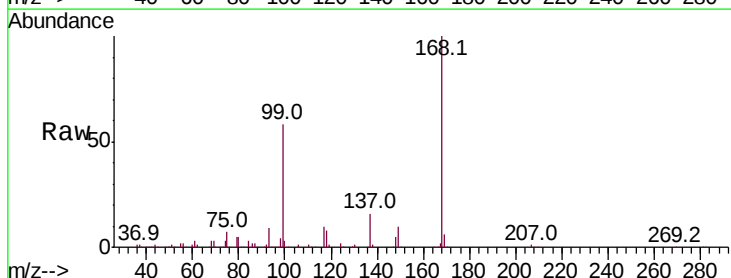
Tgt Ion: 117 Resp: 25752

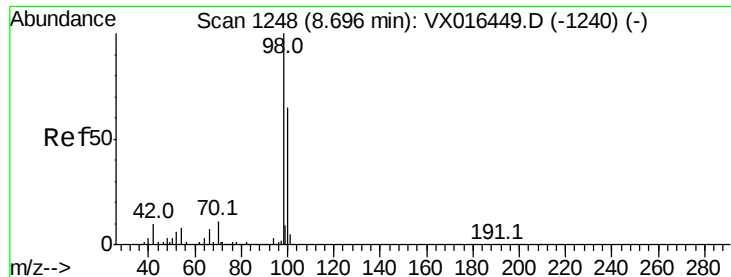
Ion Ratio Lower Upper

117 100

119 5.0 76.3 114.5#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 51.464 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016492.D

Acq: 28 May 2020 17:48

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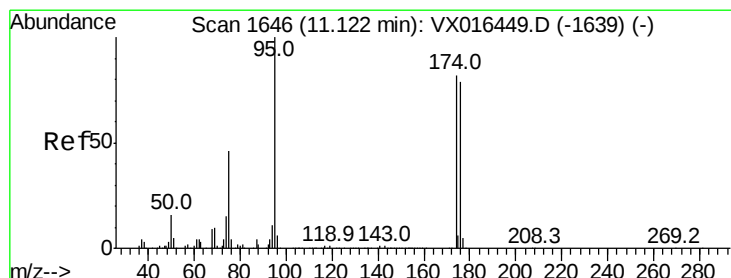
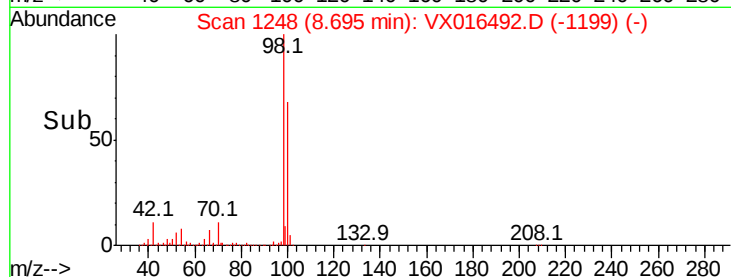
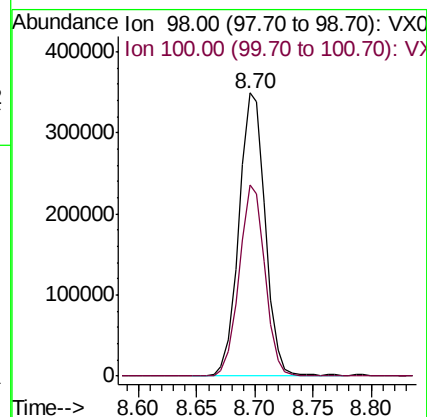
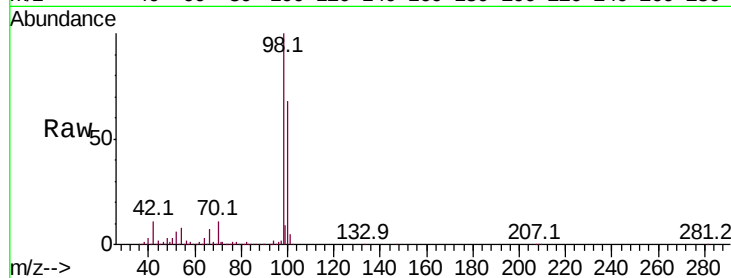
SS036MW002-200526

Tot Ion: 98 Resp: 549891

Ion Ratio Lower Upper

98 100

100 66.4 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 55.057 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016492.D

Acq: 28 May 2020 17:48

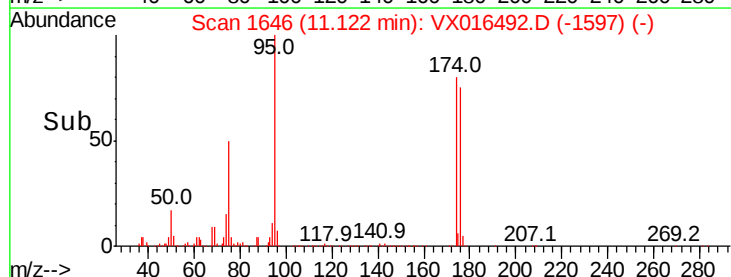
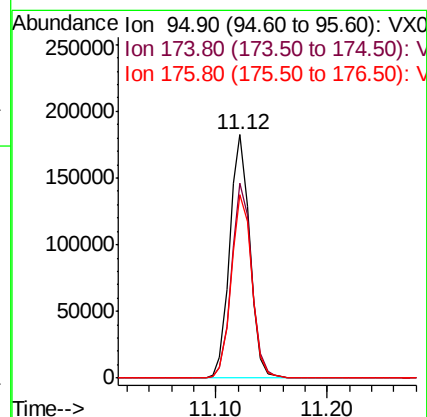
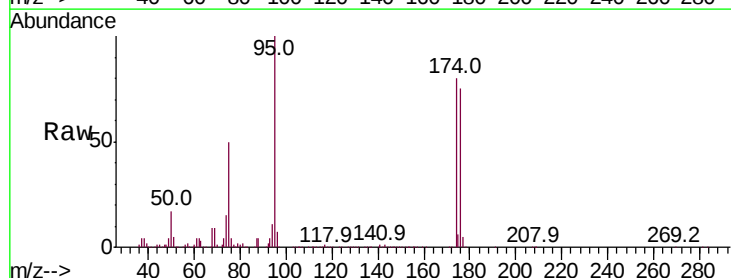
Tgt Ion: 95 Resp: 227315

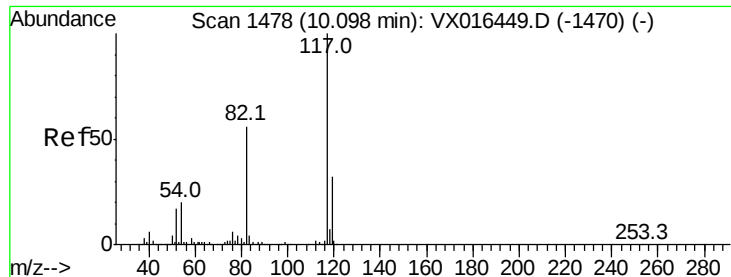
Ion Ratio Lower Upper

95 100

174 80.5 0.0 163.0

176 77.3 0.0 156.8

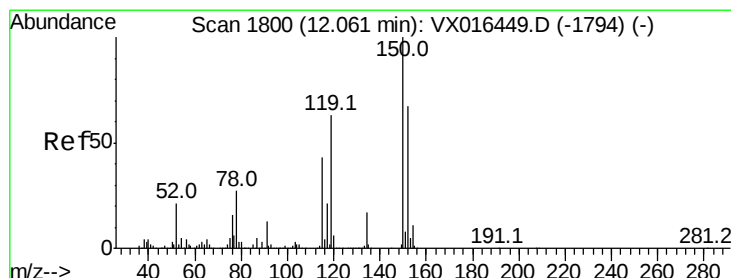
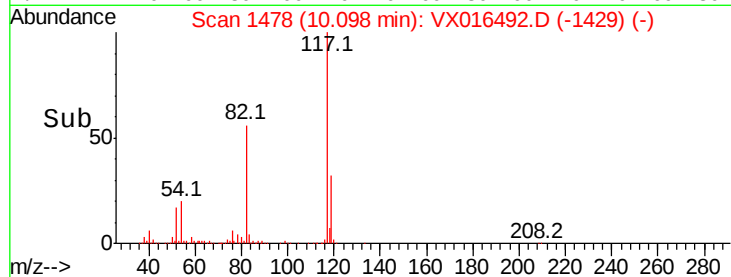
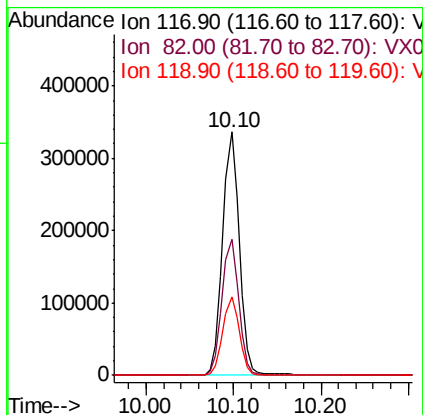
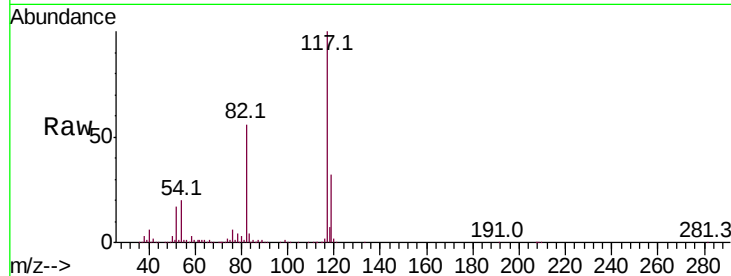




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016492.D
Acq: 28 May 2020 17:48

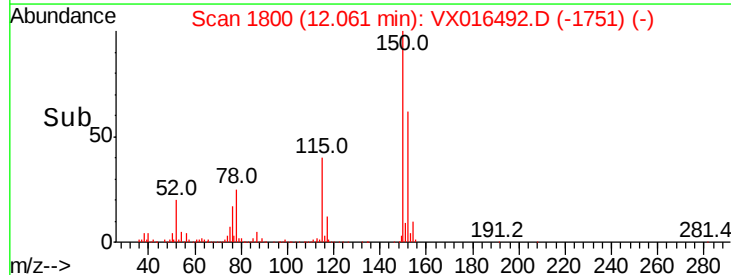
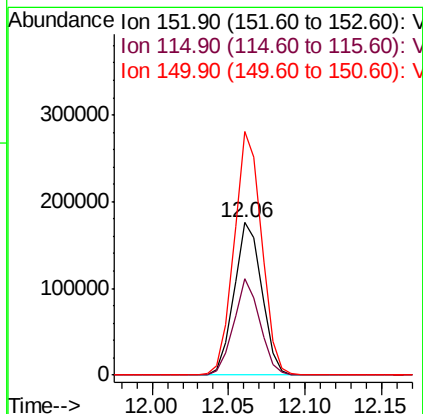
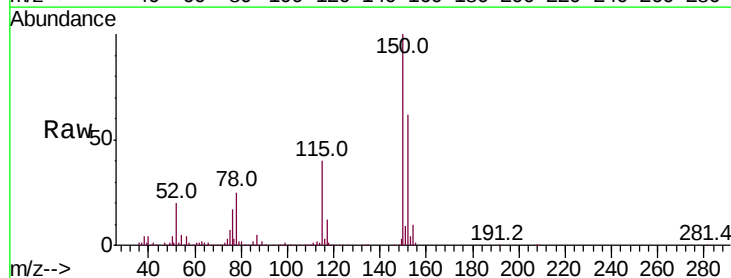
Instrument :
MSVOA_X
ClientSampleId :
SS036MW002-200526

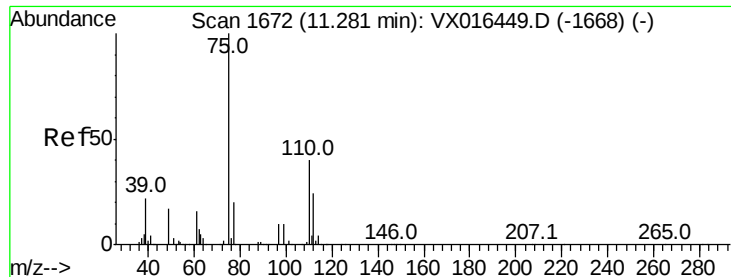
Tot Ion:117 Resp: 445460
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.6
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016492.D
Acq: 28 May 2020 17:48

Tgt Ion:152 Resp: 220054
Ion Ratio Lower Upper
152 100
115 59.9 39.9 119.6
150 158.9 0.0 341.0





#76

1,2,3-Trichloropropane

Concen: 23.211 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016492.D

Acq: 28 May 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

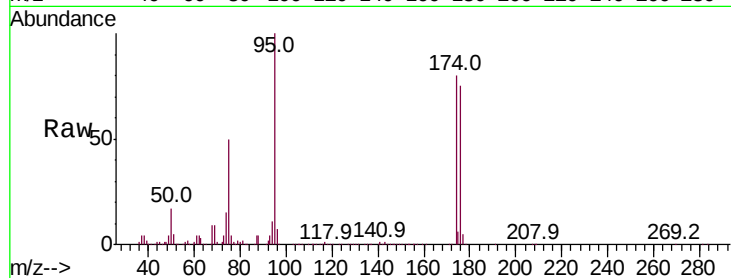
SS036MW002-200526

Tot Ion: 75 Resp: 112267

Ion Ratio Lower Upper

75 100

77 1.3 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

100000

80000

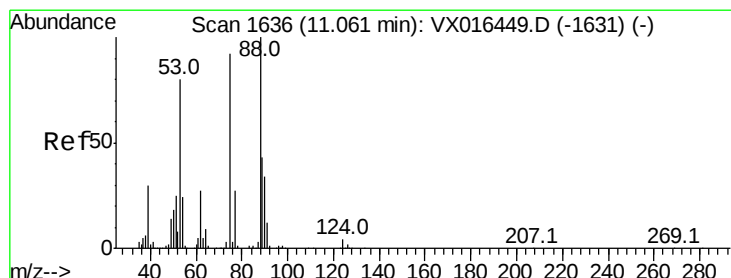
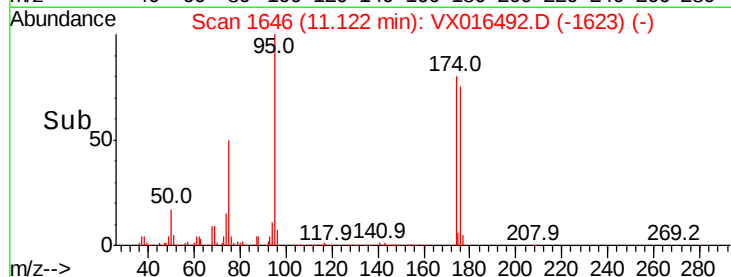
60000

40000

20000

0

Time--> 11.05 11.10 11.15 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 57.094 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016492.D

Acq: 28 May 2020 17:48

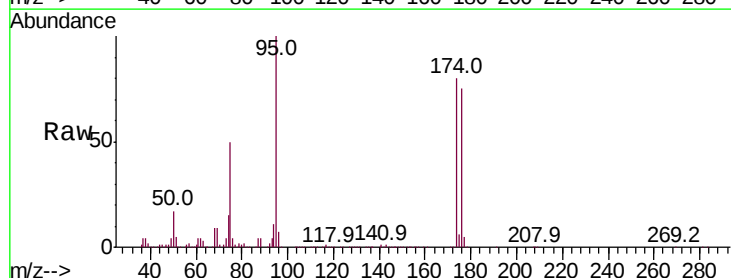
Tgt Ion: 75 Resp: 112267

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

120000

100000

80000

60000

40000

20000

0

Time--> 11.05 11.10 11.15 11.20

