

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
 Data File : VX016263.D
 Acq On : 15 May 2020 04:28
 Operator : JC/SP
 Sample : L2641-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUS-WASH

Quant Time: May 15 06:44:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	255234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	425683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222403	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	154825	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
35) Dibromofluoromethane	5.47	113	125402	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
50) Toluene-d8	8.70	98	533242	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.12	95	216676	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	3.01	59	1864	2.19	ug/l	99
13) Acrolein	2.27	56	988	1.86	ug/l	84
14) Allyl chloride	2.84	41	12252	2.52	ug/l #	28
16) Acetone	2.42	43	73182	48.83	ug/l	94
17) Carbon Disulfide	2.55	76	1478	Below Cal	#	78
18) Methyl Acetate	2.75	43	3451	0.94	ug/l	91
20) Methylene Chloride	2.84	84	328840	106.44	ug/l	97
25) 2-Butanone	4.64	43	25626	10.61	ug/l	96
29) Tetrahydrofuran	5.09	42	1645	1.03	ug/l #	50
36) 1,1-Dichloropropene	5.64	75	19211	4.58	ug/l #	49
38) Carbon Tetrachloride	5.64	117	24659	5.79	ug/l #	14
40) Benzene	6.11	78	2946	0.24	ug/l	99
43) Isopropyl Acetate	6.42	43	49003	6.32	ug/l	99
48) Methyl methacrylate	7.85	41	33602	9.15	ug/l #	41
49) 1,4-Dioxane	7.73	88	19	0.22	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	63485	13.39	ug/l #	34
52) Toluene	8.77	92	44148	5.78	ug/l	99
54) cis-1,3-Dichloropropene	8.60	75	29551	5.53	ug/l #	57
56) Ethyl methacrylate	9.07	69	11283	2.30	ug/l	89
57) 1,3-Dichloropropane	9.52	76	2774	0.53	ug/l #	49
59) 2-Hexanone	9.52	43	31738	8.52	ug/l #	51
68) m/p-Xylenes	10.34	106	1999	0.33	ug/l	83
69) o-Xylene	10.68	106	1480	0.26	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	103	2.08	ug/l #	50
76) 1,2,3-Trichloropropane	11.12	75	107021	21.21	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	107021	50.53	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.79	105	4668	0.34	ug/l	97
94) Hexachlorobutadiene	13.76	225	110	0.57	ug/l	87

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

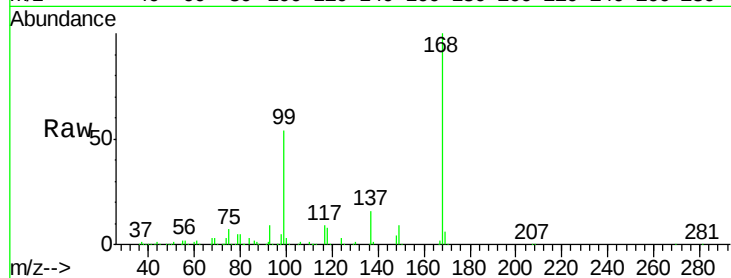
BUS-WASH

Tgt Ion:168 Resp: 255234

Ion Ratio Lower Upper

168 100

99 54.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

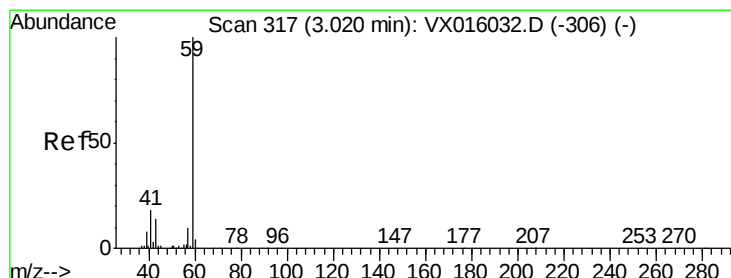
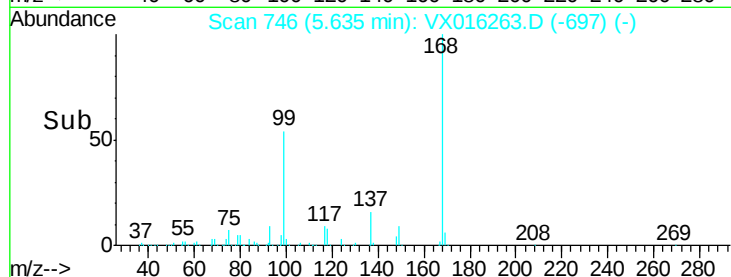
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.19 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX016263.D

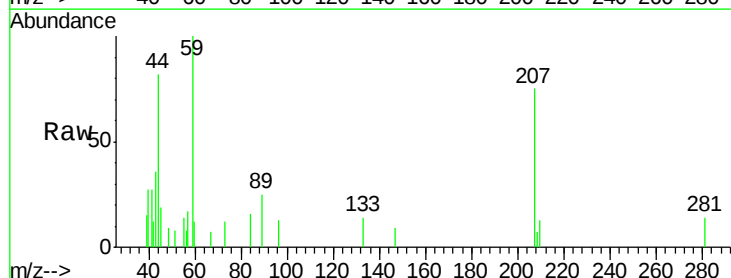
Acq: 15 May 2020 04:28

Tgt Ion: 59 Resp: 1864

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

800

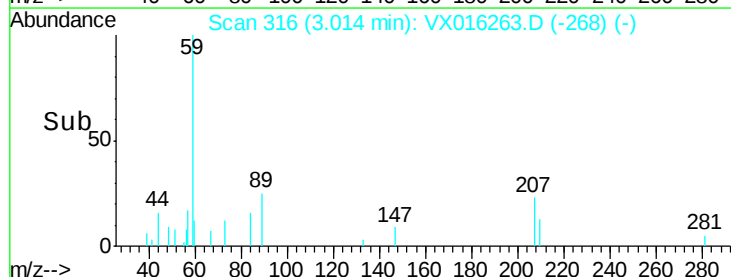
600

400

200

0

Time-->





#13

Acrolein

Concen: 1.86 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

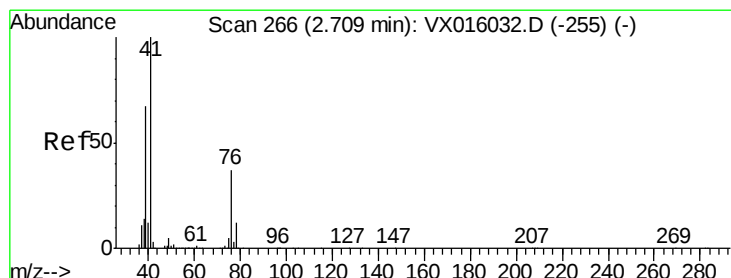
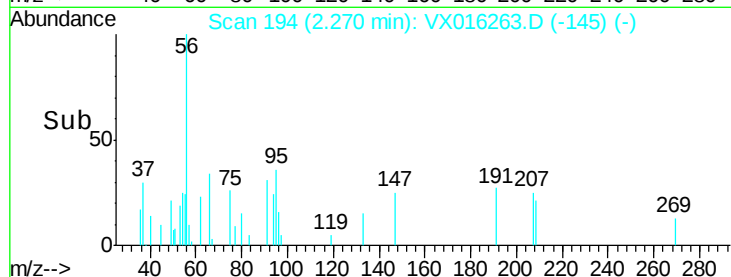
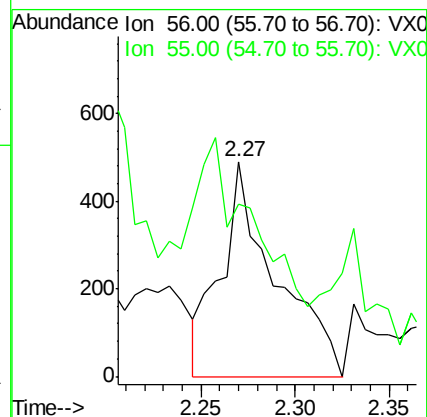
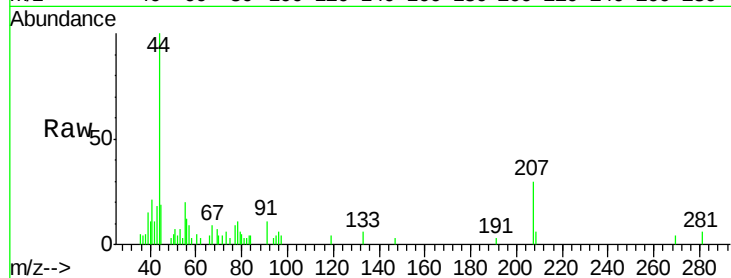
BUS-WASH

Tgt Ion: 56 Resp: 988

Ion Ratio Lower Upper

56 100

55 83.4 56.5 84.7



#14

Allyl chloride

Concen: 2.52 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.13 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

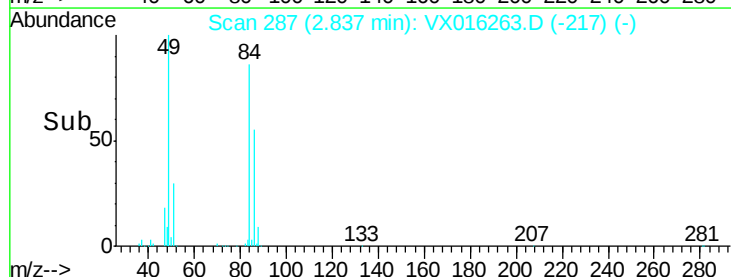
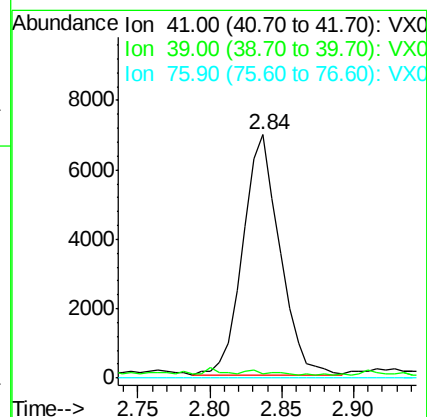
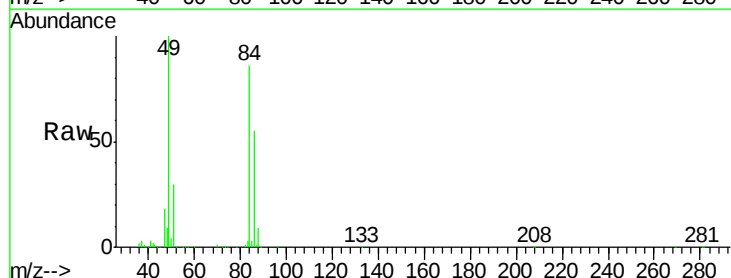
Tgt Ion: 41 Resp: 12252

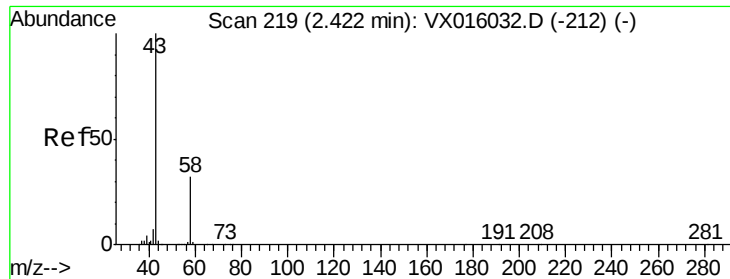
Ion Ratio Lower Upper

41 100

39 1.2 50.5 75.7#

76 0.0 26.6 40.0#





#16

Acetone

Concen: 48.83 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

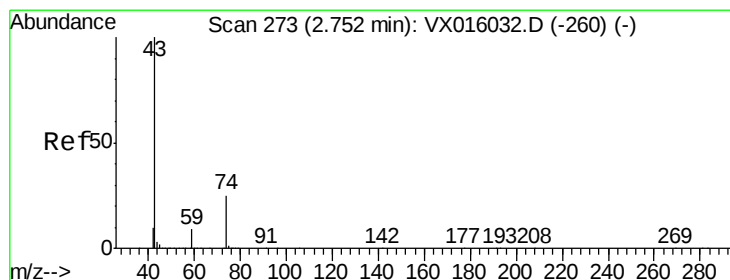
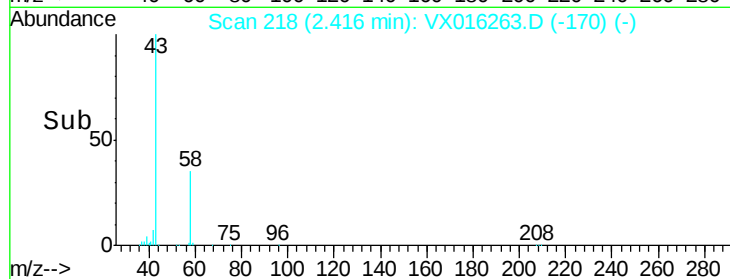
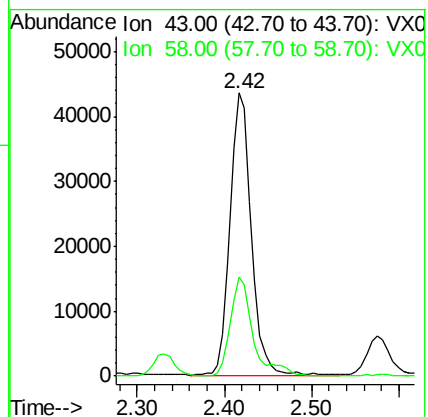
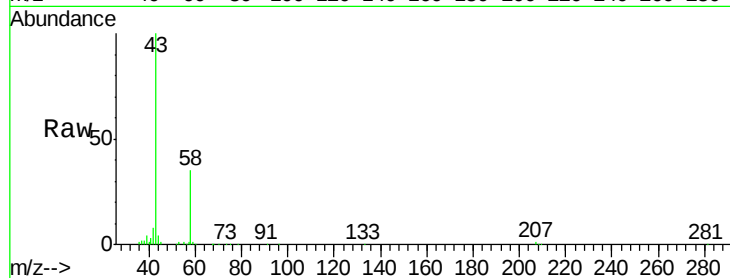
BUS-WASH

Tgt Ion: 43 Resp: 73182

Ion Ratio Lower Upper

43 100

58 34.9 25.4 38.0



#18

Methyl Acetate

Concen: 0.94 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016263.D

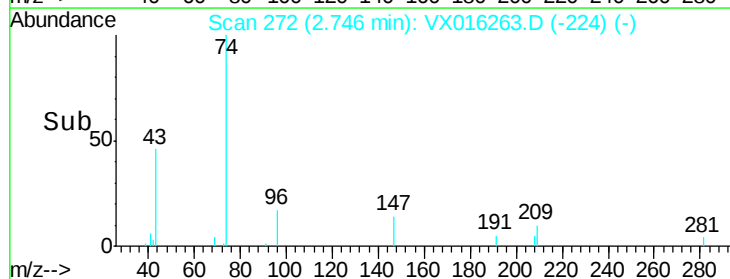
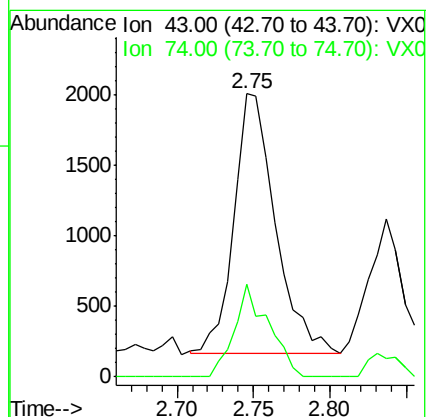
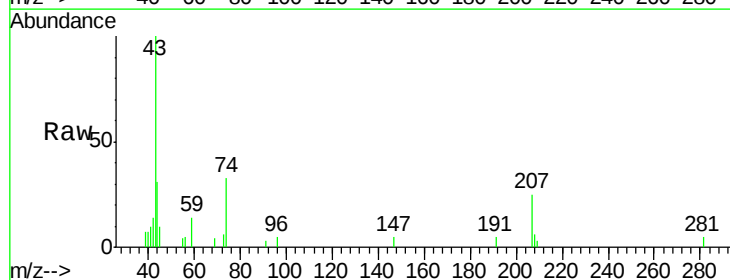
Acq: 15 May 2020 04:28

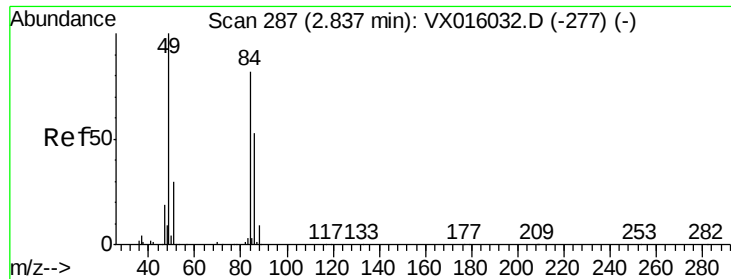
Tgt Ion: 43 Resp: 3451

Ion Ratio Lower Upper

43 100

74 29.7 20.2 30.2

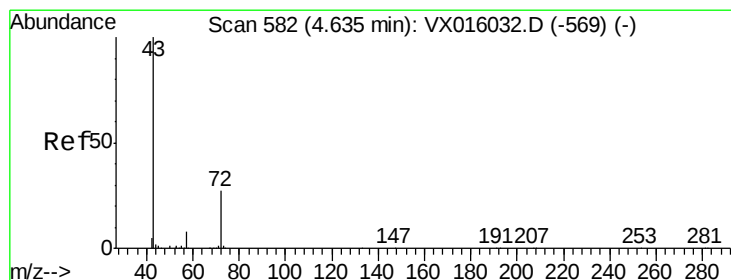
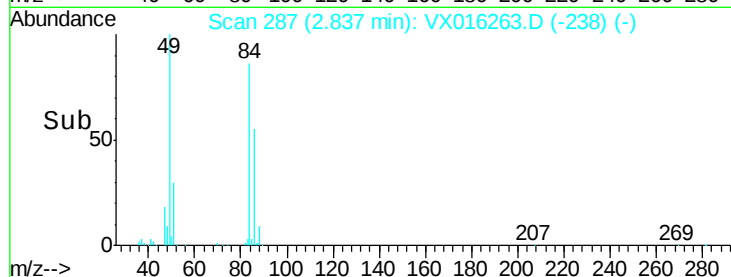
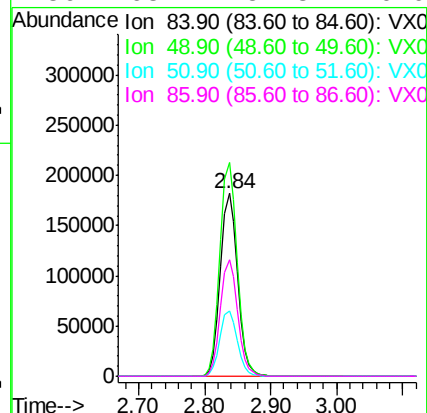
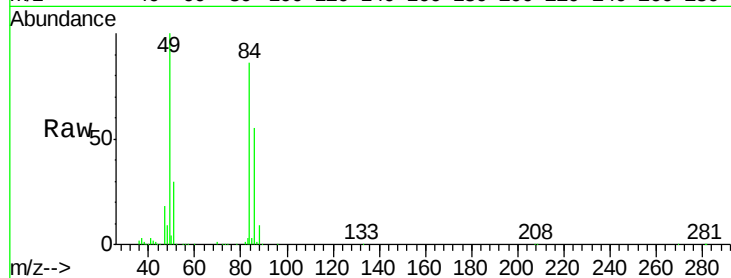




#20
Methylene Chloride
Concen: 106.44 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016263.D
Acq: 15 May 2020 04:28

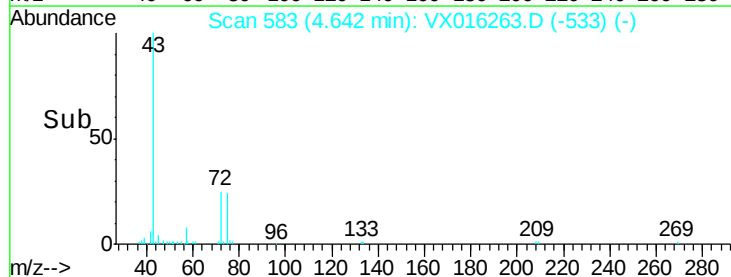
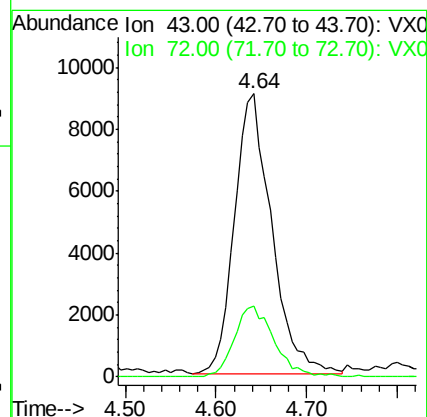
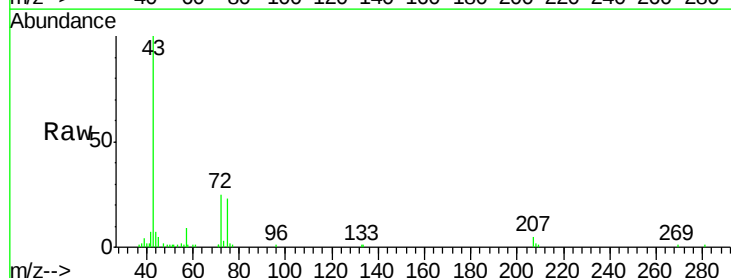
Instrument :
MSVOA_X
ClientSampleId :
BUS-WASH

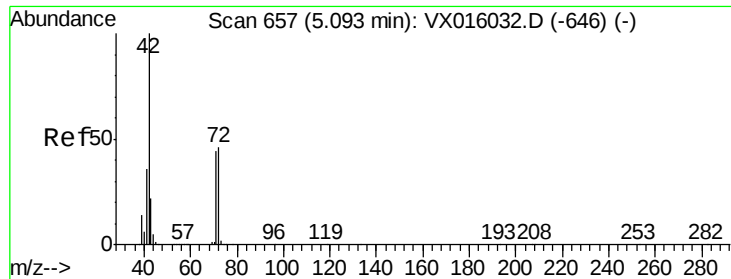
Tgt Ion:	84	Resp:	328840
Ion	Ratio	Lower	Upper
84	100		
49	116.7	97.3	145.9
51	35.5	29.3	43.9
86	63.7	51.3	76.9



#25
2-Butanone
Concen: 10.61 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016263.D
Acq: 15 May 2020 04:28

Tgt Ion:	43	Resp:	25626
Ion	Ratio	Lower	Upper
43	100		
72	25.3	21.8	32.8





#29

Tetrahydrofuran

Concen: 1.03 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

BUS-WASH

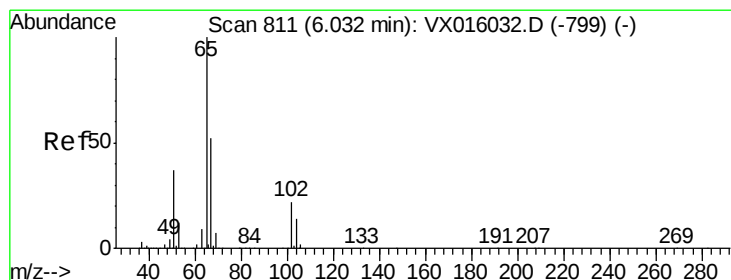
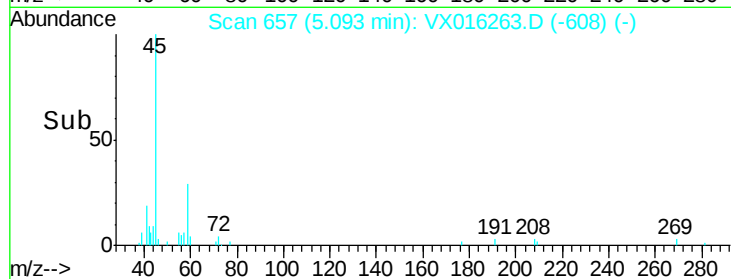
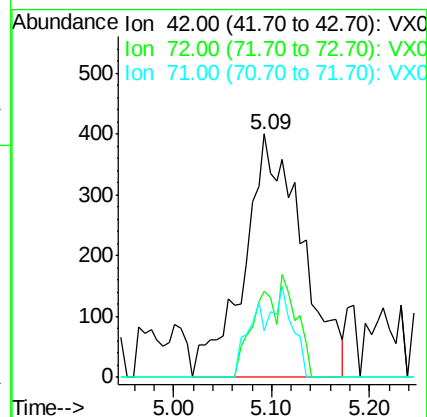
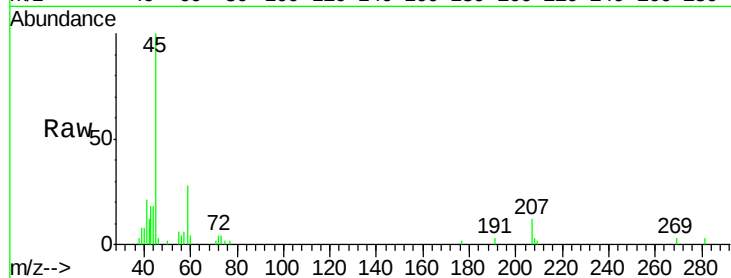
Tgt Ion: 42 Resp: 1645

Ion Ratio Lower Upper

42 100

72 15.3 37.1 55.7#

71 9.4 34.5 51.7#



#33

1,2-Dichloroethane-d4

Concen: 46.10 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016263.D

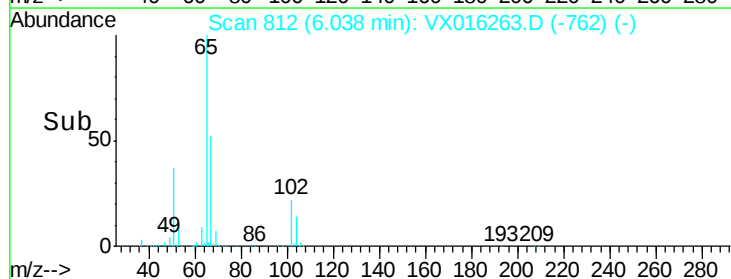
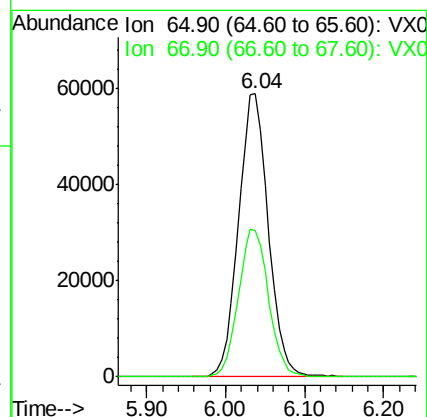
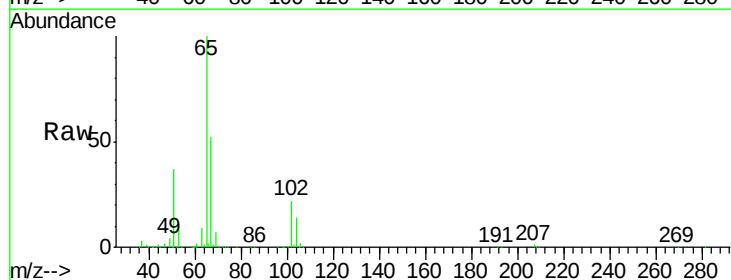
Acq: 15 May 2020 04:28

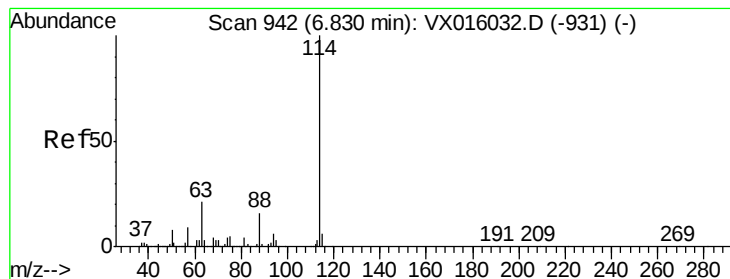
Tgt Ion: 65 Resp: 154825

Ion Ratio Lower Upper

65 100

67 52.9 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: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

BUS-WASH

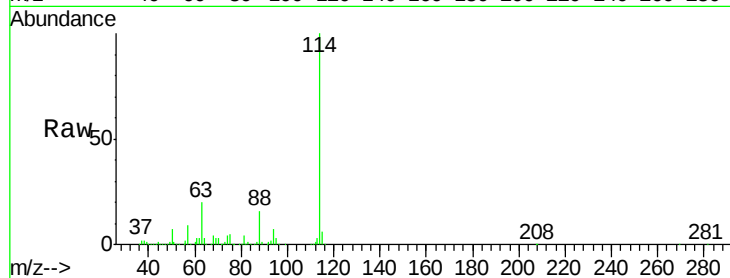
Tgt Ion:114 Resp: 425683

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

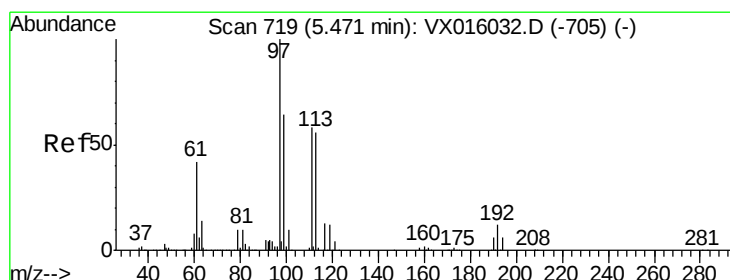
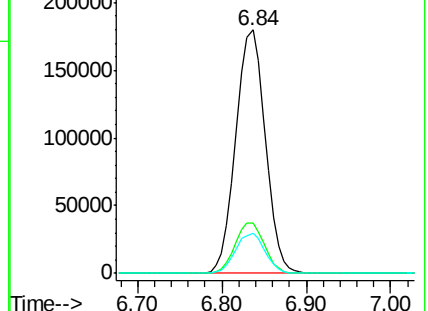
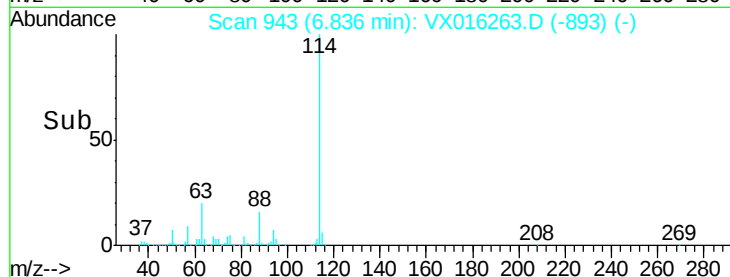
88 16.3 0.0 31.4



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: 46.50 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

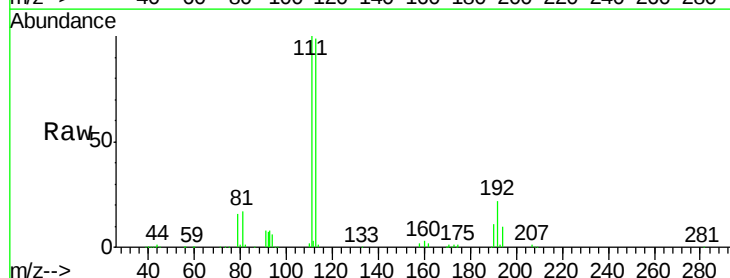
Tgt Ion:113 Resp: 125402

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

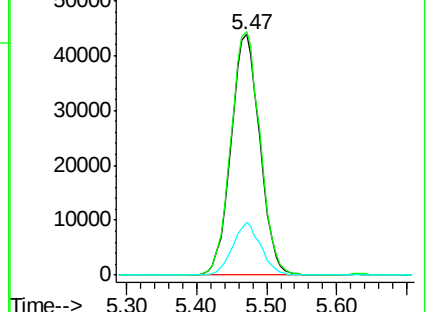
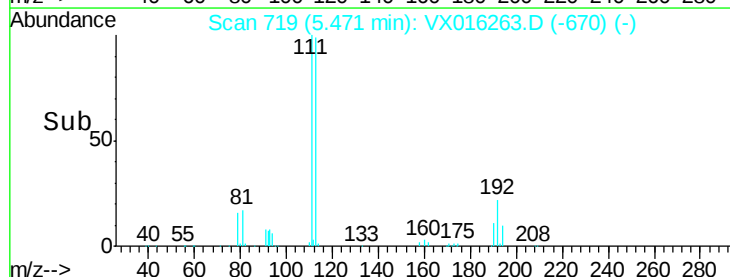
192 21.3 17.0 25.4

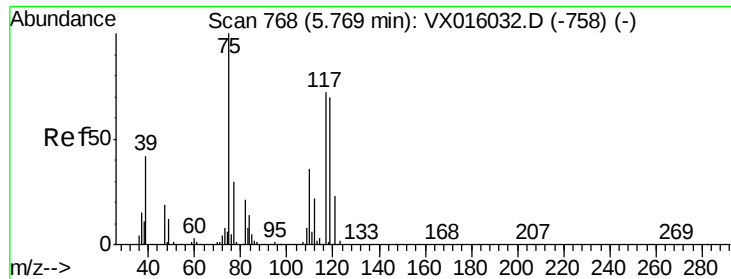


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.58 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

BUS-WASH

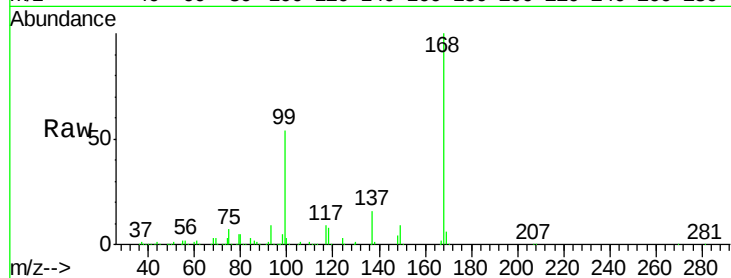
Tgt Ion: 75 Resp: 19211

Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.1#

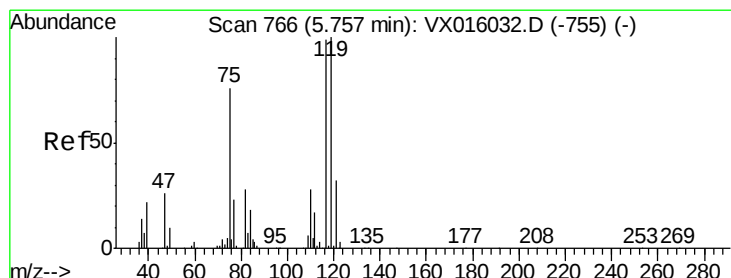
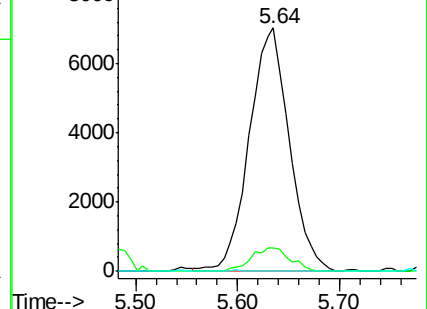
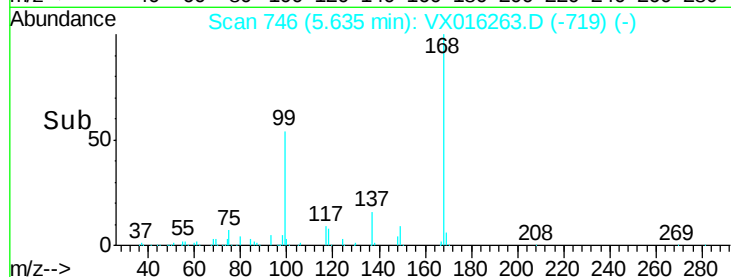
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VX016263.D (-719) (-)

Ion 109.90 (109.60 to 110.60): VX016263.D (-719) (-)

Ion 76.90 (76.60 to 77.60): VX016263.D (-719) (-)



#38

Carbon Tetrachloride

Concen: 5.79 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

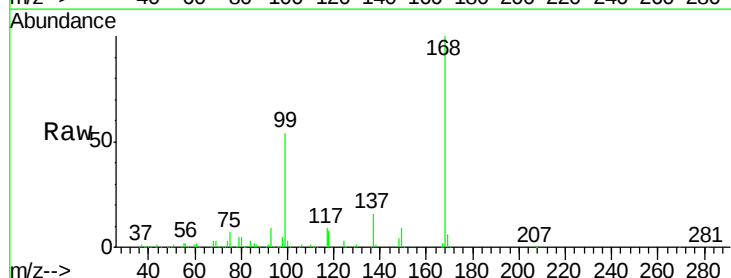
Tgt Ion: 117 Resp: 24659

Ion Ratio Lower Upper

117 100

119 5.4 80.3 120.5#

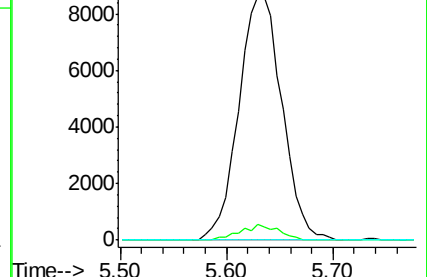
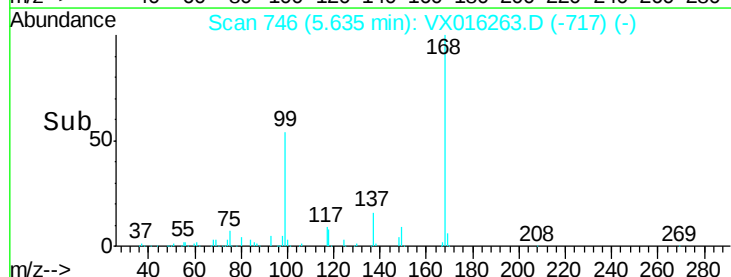
121 0.0 25.7 38.5#

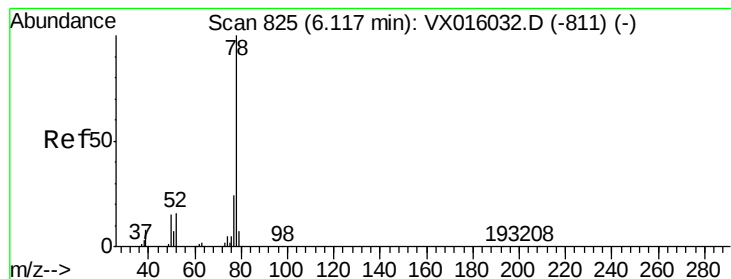


Abundance Ion 116.80 (116.50 to 117.50): VX016263.D (-717) (-)

Ion 118.80 (118.50 to 119.50): VX016263.D (-717) (-)

Ion 120.80 (120.50 to 121.50): VX016263.D (-717) (-)





#40

Benzene

Concen: 0.24 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

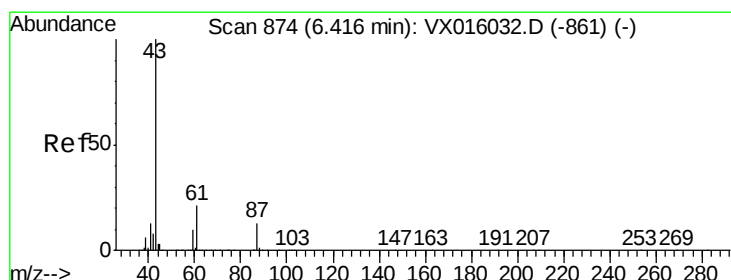
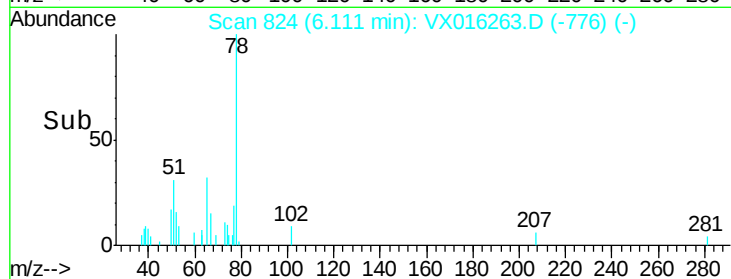
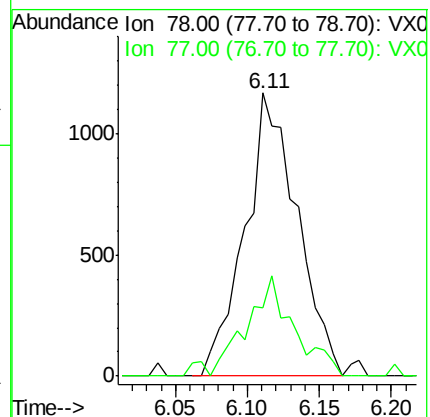
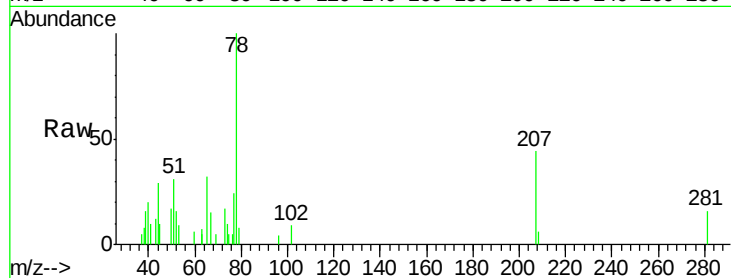
BUS-WASH

Tgt Ion: 78 Resp: 2946

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



#43

Isopropyl Acetate

Concen: 6.32 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

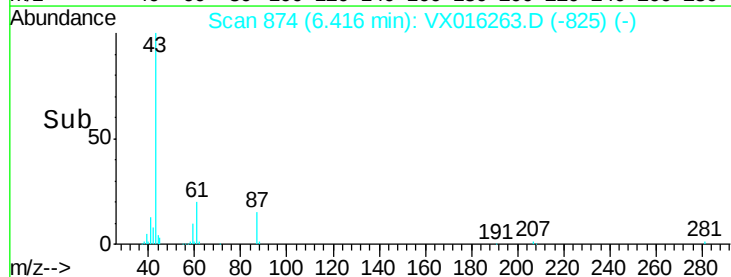
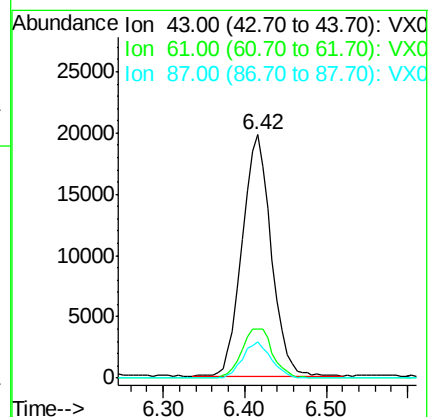
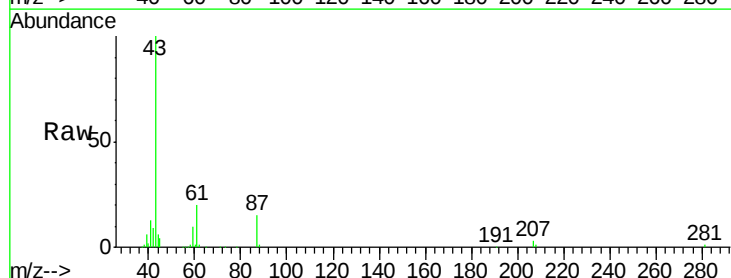
Tgt Ion: 43 Resp: 49003

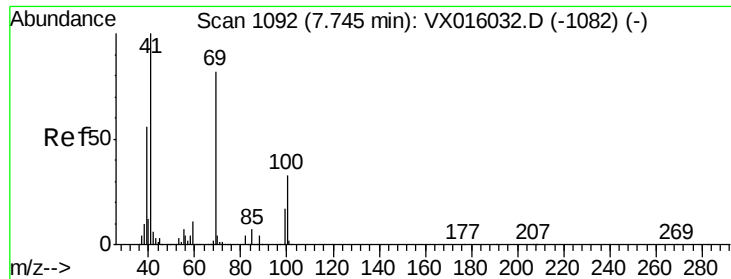
Ion Ratio Lower Upper

43 100

61 21.5 17.0 25.4

87 14.3 11.0 16.6

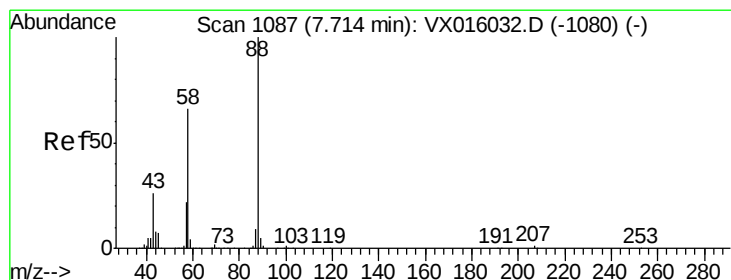
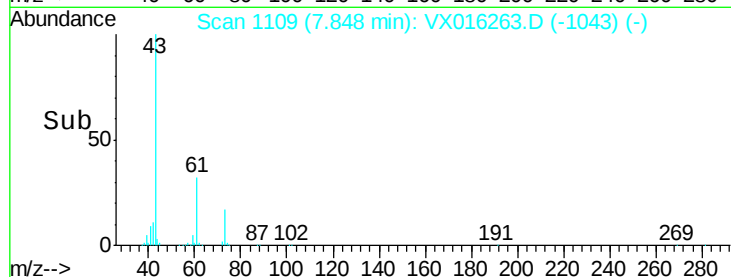
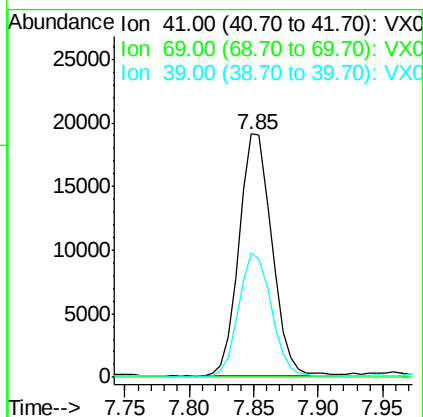
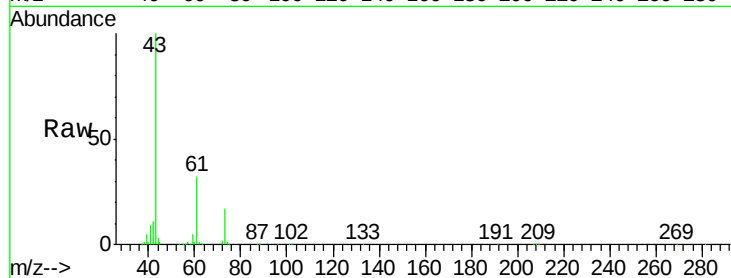




#48
Methyl methacrylate
Concen: 9.15 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.10 min
Lab File: VX016263.D
Acq: 15 May 2020 04:28

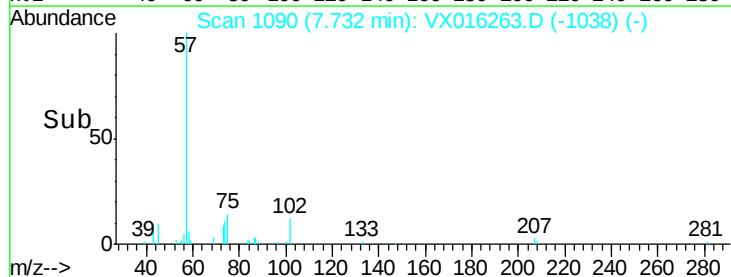
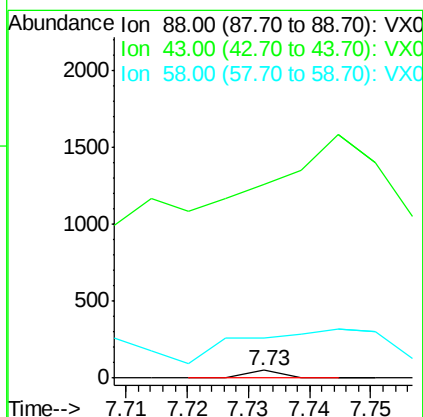
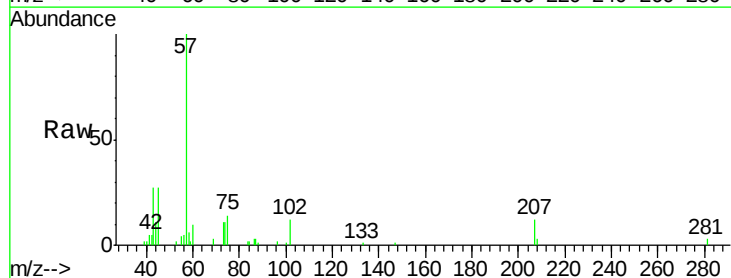
Instrument :
MSVOA_X
ClientSampled :
BUS-WASH

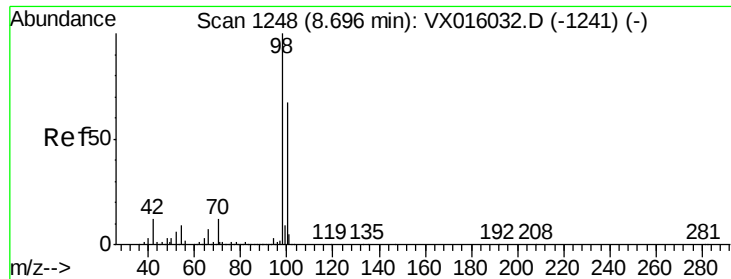
Tgt Ion: 41 Resp: 33602
Ion Ratio Lower Upper
41 100
69 0.1 67.8 101.6#
39 50.4 44.6 67.0



#49
1,4-Dioxane
Concen: 0.22 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX016263.D
Acq: 15 May 2020 04:28

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 3557.9 55.9 83.9#





#50

Toluene-d8

Concen: 51.32 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

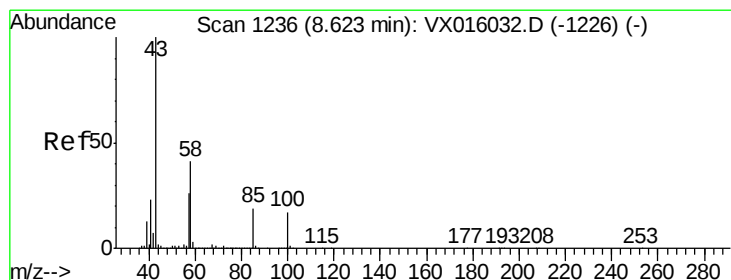
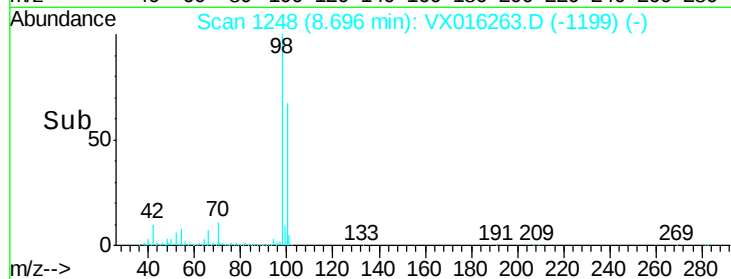
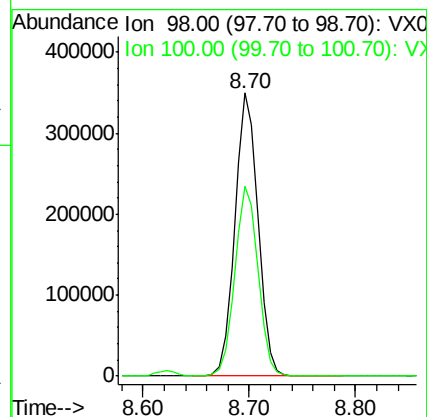
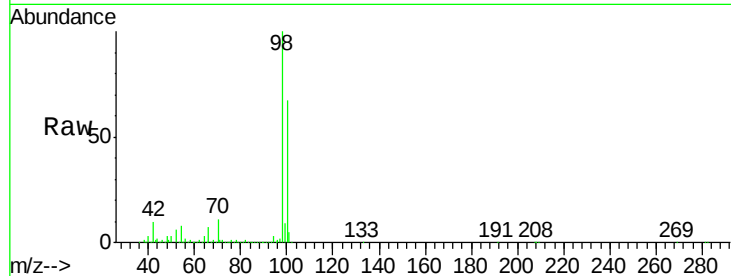
BUS-WASH

Tgt Ion: 98 Resp: 533242

Ion Ratio Lower Upper

98 100

100 67.2 53.7 80.5



#51

4-Methyl-2-Pentanone

Concen: 13.39 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX016263.D

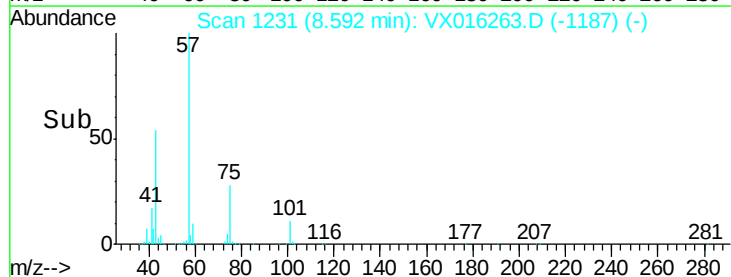
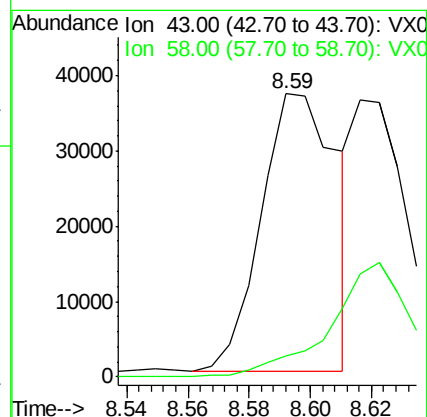
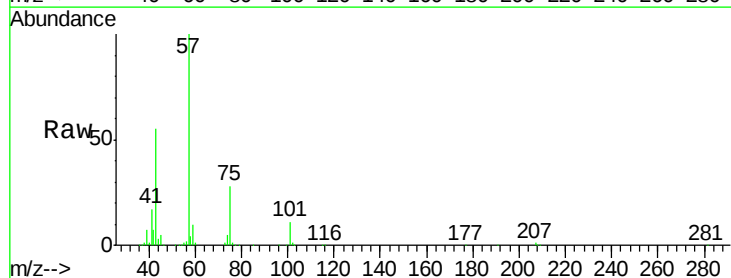
Acq: 15 May 2020 04:28

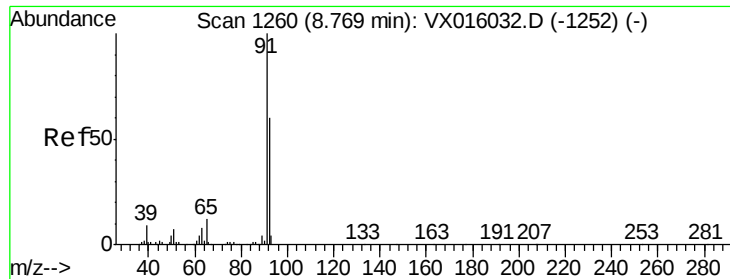
Tgt Ion: 43 Resp: 63485

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.4#





#52

Toluene

Concen: 5.78 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampled :

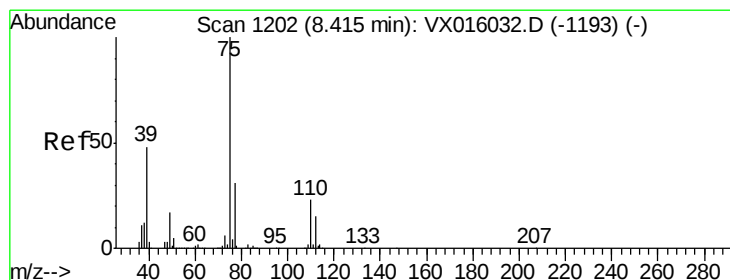
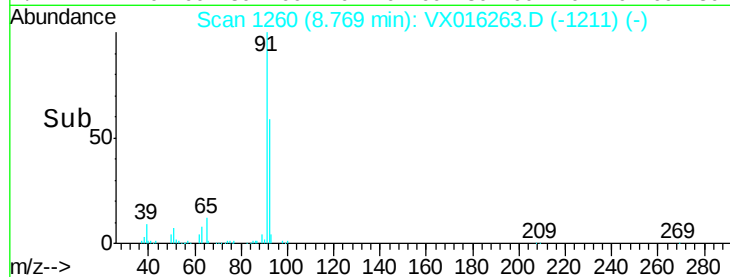
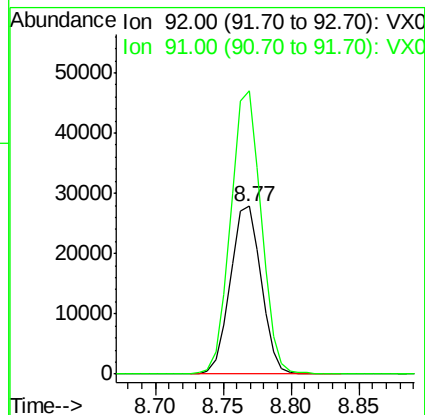
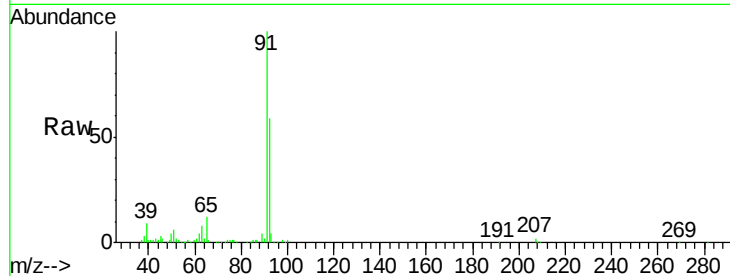
BUS-WASH

Tgt Ion: 92 Resp: 44148

Ion Ratio Lower Upper

92 100

91 167.0 134.5 201.7



#54

cis-1,3-Dichloropropene

Concen: 5.53 ug/l

RT: 8.60 min Scan# 1232

Delta R.T. 0.18 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

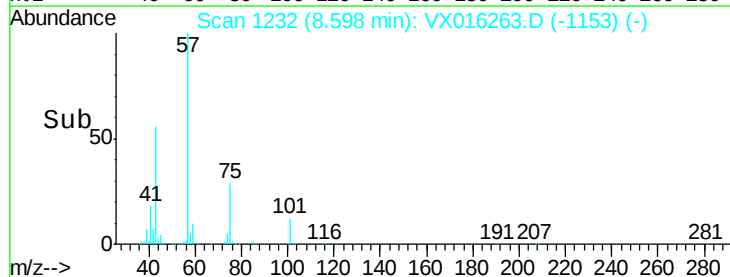
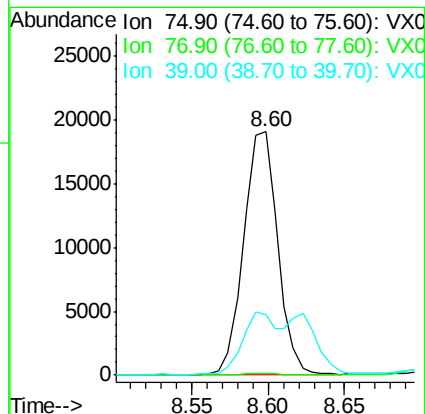
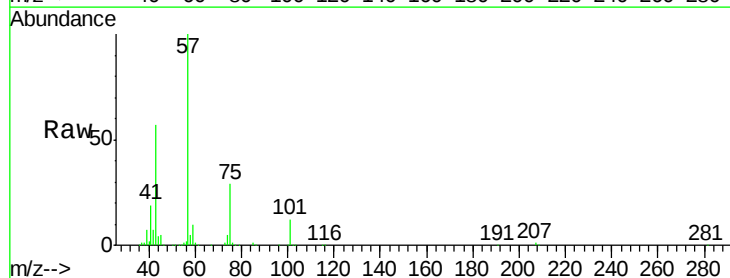
Tgt Ion: 75 Resp: 29551

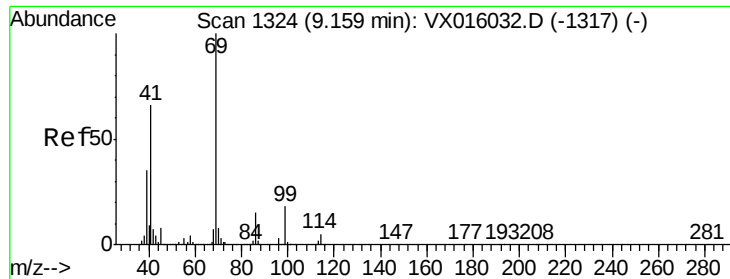
Ion Ratio Lower Upper

75 100

77 0.5 24.7 37.1#

39 25.0 38.7 58.1#





#56

Ethyl methacrylate

Concen: 2.30 ug/l

RT: 9.07 min Scan# 1310

Delta R.T. -0.09 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

BUS-WASH

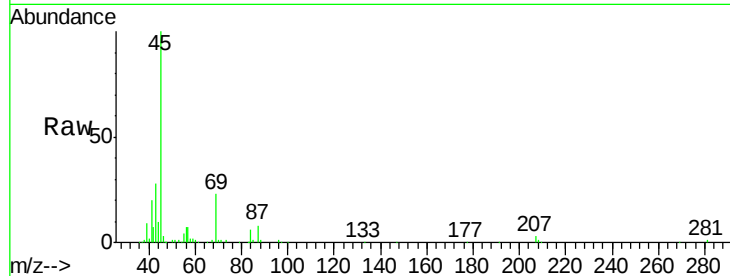
Tgt Ion: 69 Resp: 11283

Ion Ratio Lower Upper

69 100

41 77.5 52.2 78.4

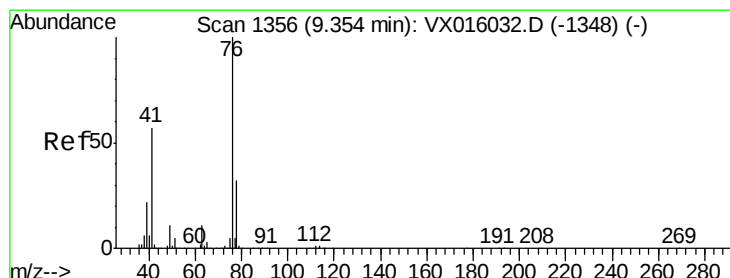
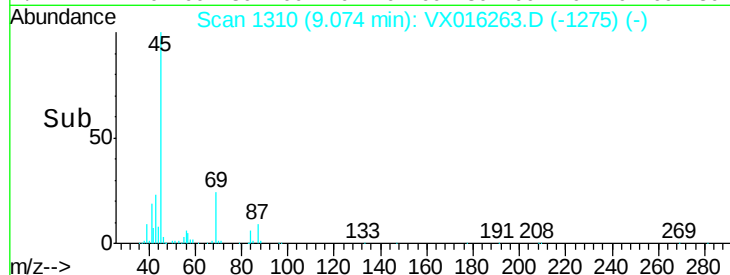
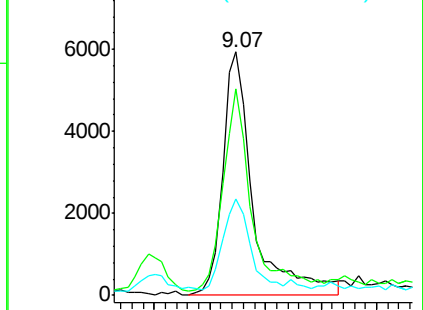
39 32.8 28.2 42.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 0.53 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.17 min

Lab File: VX016263.D

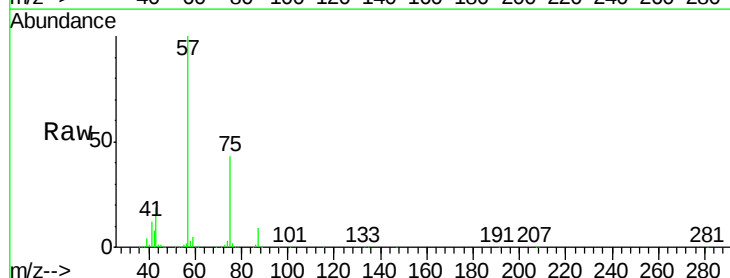
Acq: 15 May 2020 04:28

Tgt Ion: 76 Resp: 2774

Ion Ratio Lower Upper

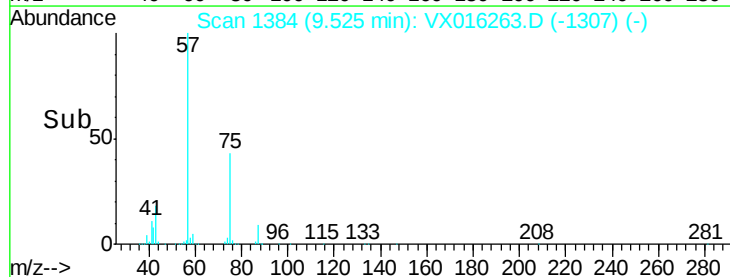
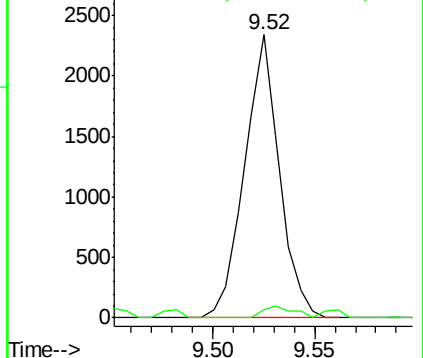
76 100

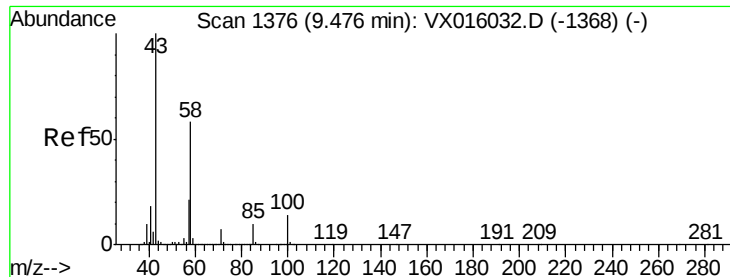
78 3.7 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#59

2-Hexanone

Concen: 8.52 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.05 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

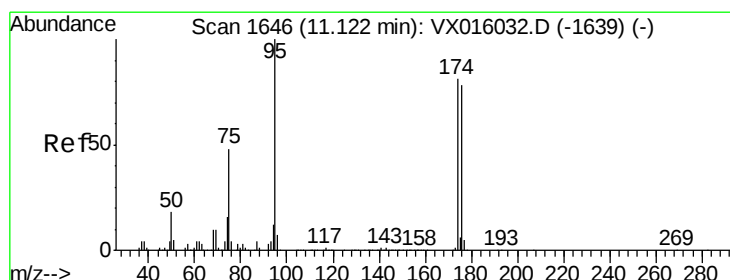
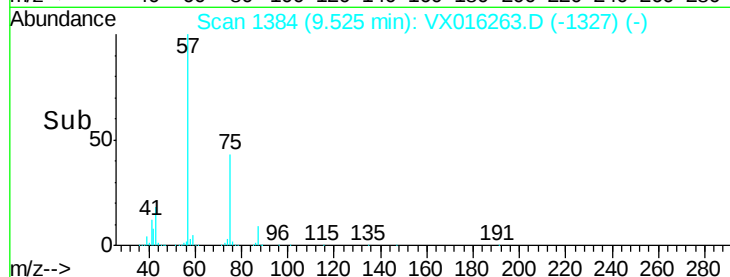
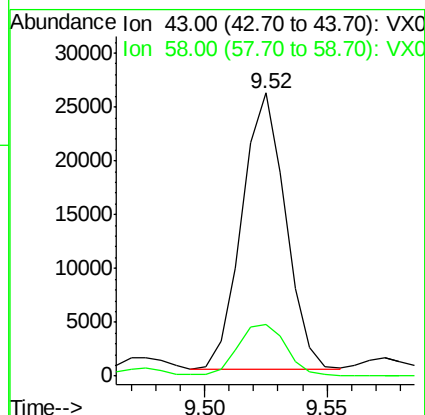
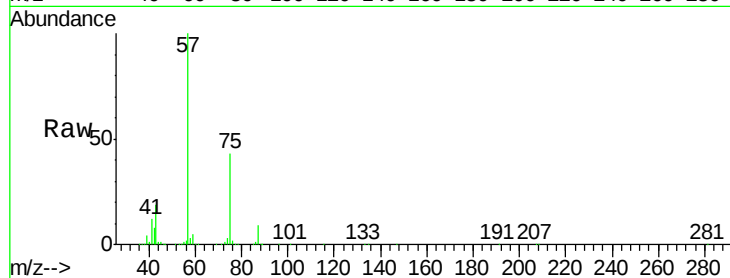
BUS-WASH

Tgt Ion: 43 Resp: 31738

Ion Ratio Lower Upper

43 100

58 21.5 28.6 85.9#



#62

4-Bromofluorobenzene

Concen: 54.82 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

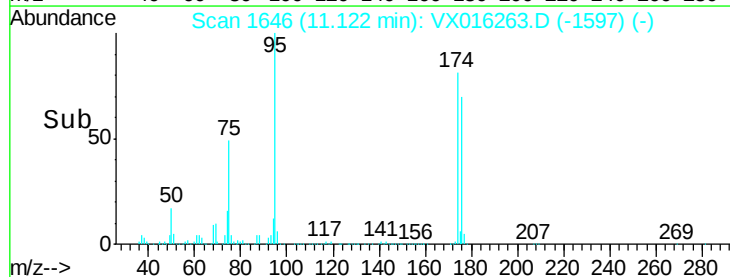
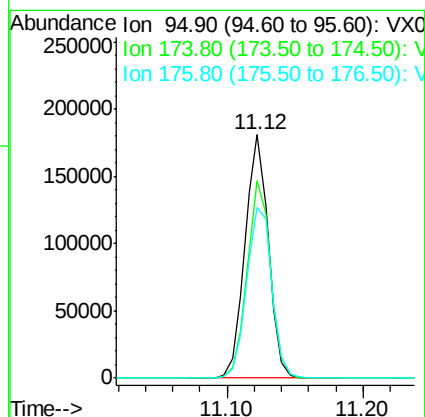
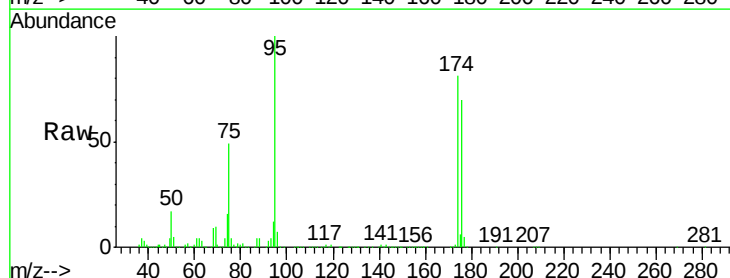
Tgt Ion: 95 Resp: 216676

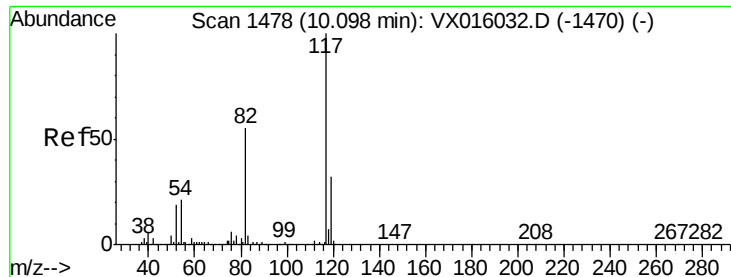
Ion Ratio Lower Upper

95 100

174 81.7 0.0 159.4

176 75.7 0.0 157.6

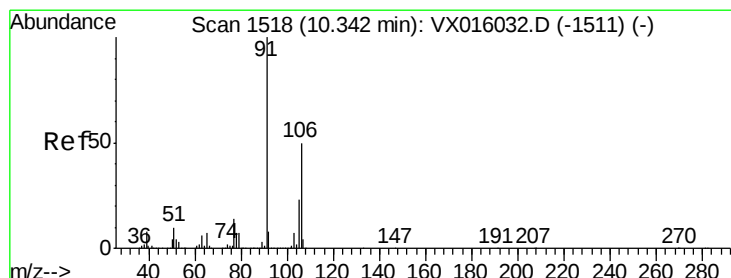
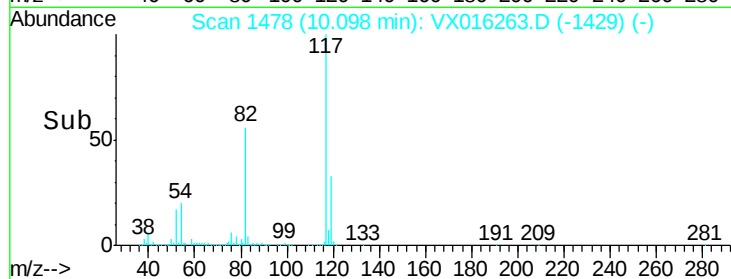
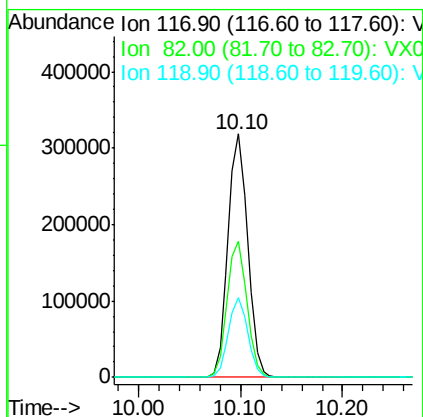
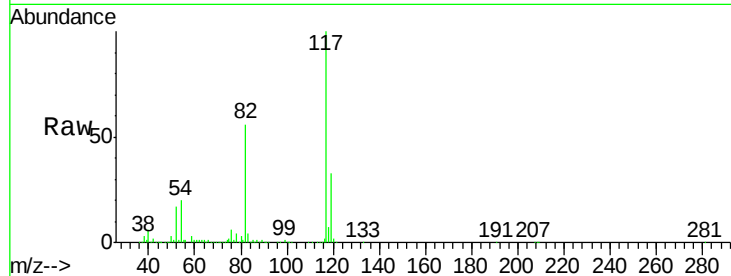




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016263.D
Acq: 15 May 2020 04:28

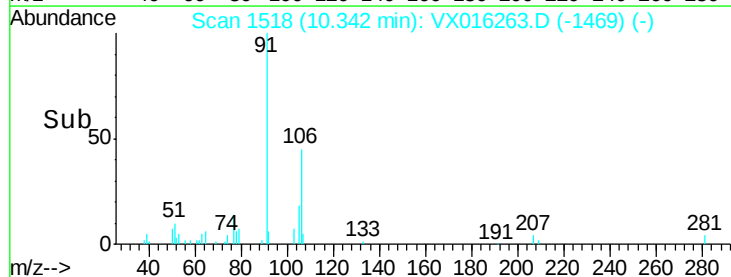
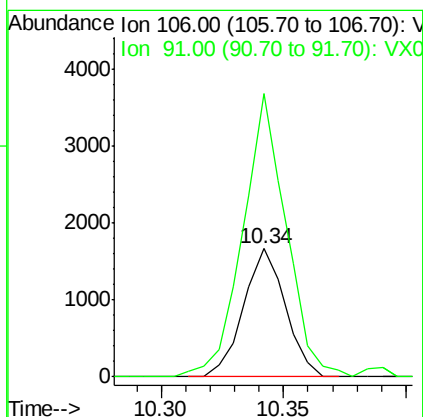
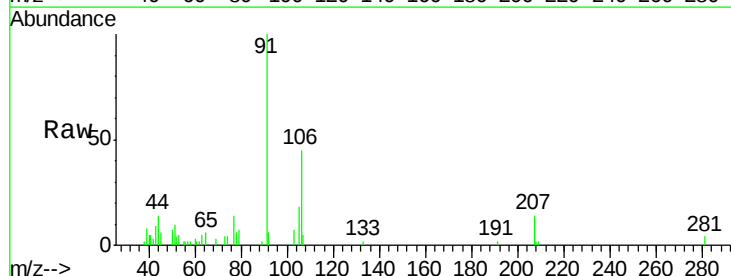
Instrument :
MSVOA_X
ClientSampleId :
BUS-WASH

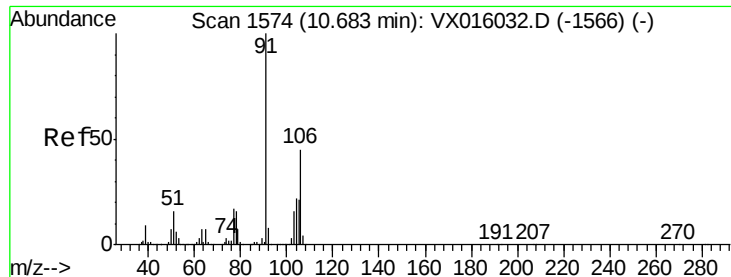
Tgt Ion:117 Resp: 426425
Ion Ratio Lower Upper
117 100
82 56.1 44.4 66.6
119 32.5 25.5 38.3



#68
m/p-Xylenes
Concen: 0.33 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016263.D
Acq: 15 May 2020 04:28

Tgt Ion:106 Resp: 1999
Ion Ratio Lower Upper
106 100
91 227.9 161.7 242.5

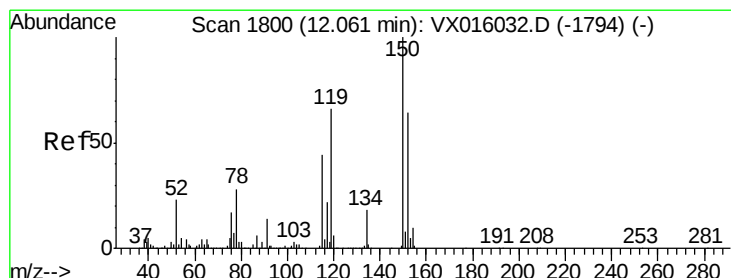
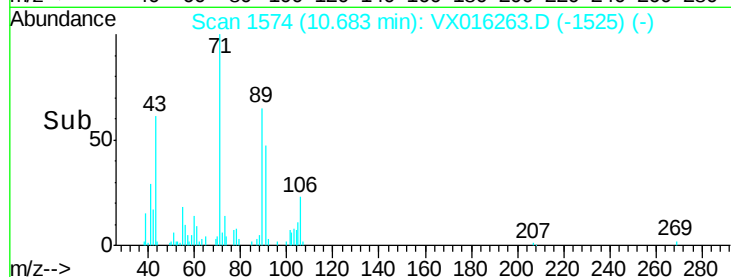
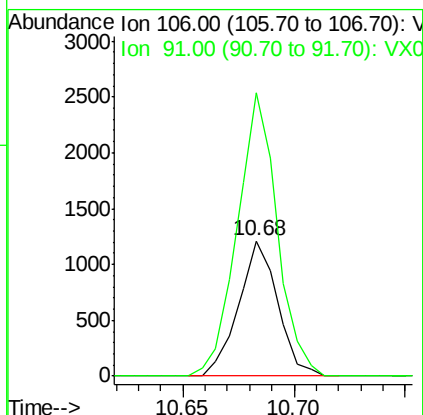
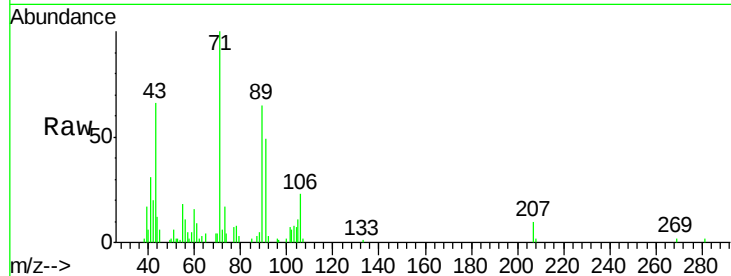




#69
o-Xylene
Concen: 0.26 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016263.D
Acq: 15 May 2020 04:28

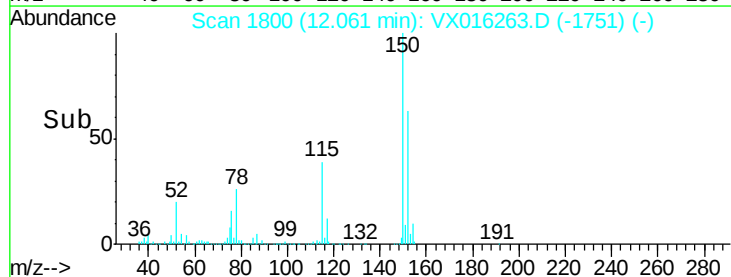
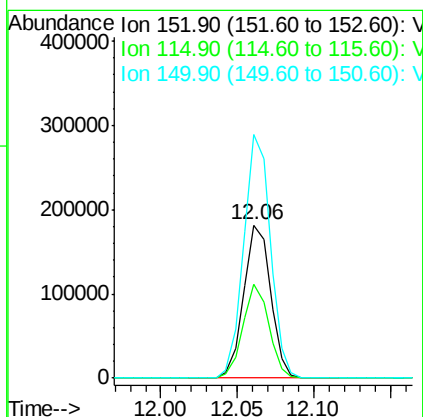
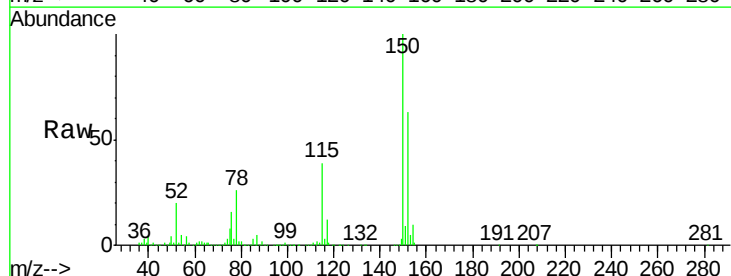
Instrument :
MSVOA_X
ClientSampleId :
BUS-WASH

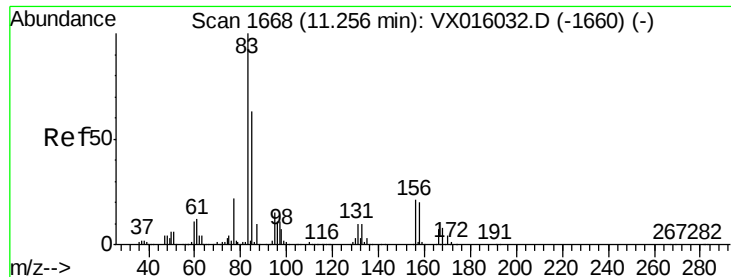
Tgt Ion:106 Resp: 1480
Ion Ratio Lower Upper
106 100
91 213.8 107.5 322.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016263.D
Acq: 15 May 2020 04:28

Tgt Ion:152 Resp: 222403
Ion Ratio Lower Upper
152 100
115 59.3 41.3 124.1
150 157.9 0.0 352.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.08 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

BUS-WASH

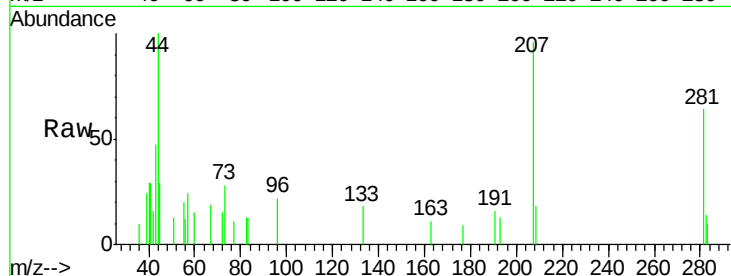
Tgt Ion: 83 Resp: 103

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

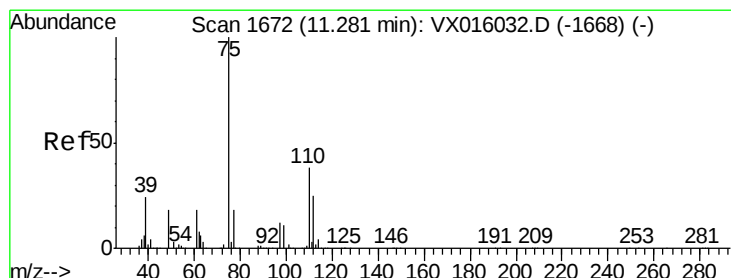
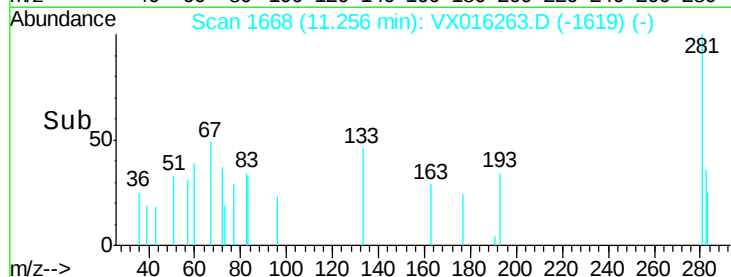
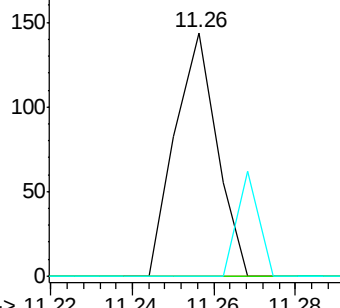
85 22.3 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.21 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016263.D

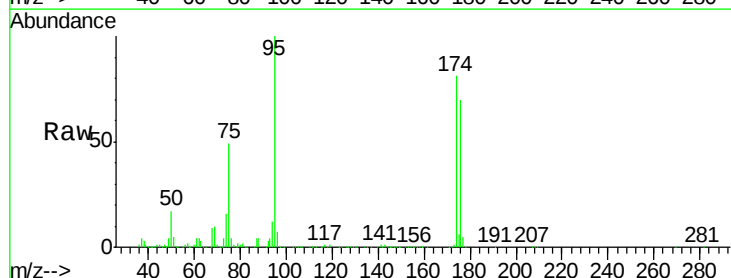
Acq: 15 May 2020 04:28

Tgt Ion: 75 Resp: 107021

Ion Ratio Lower Upper

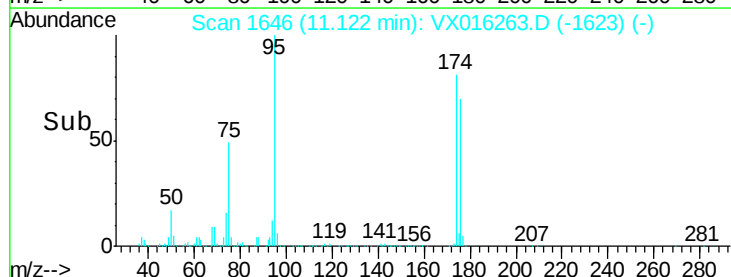
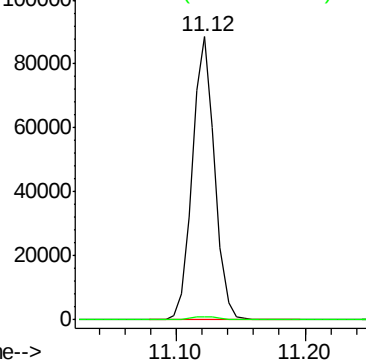
75 100

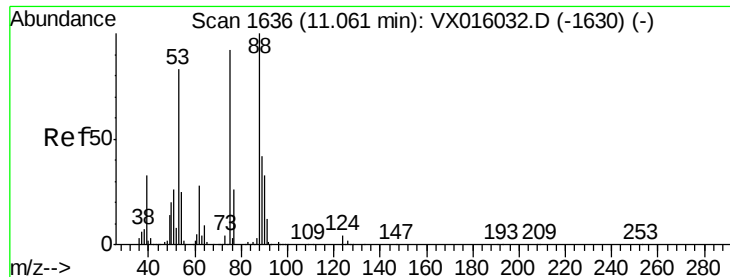
77 1.3 21.2 63.6#



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: 50.53 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

BUS-WASH

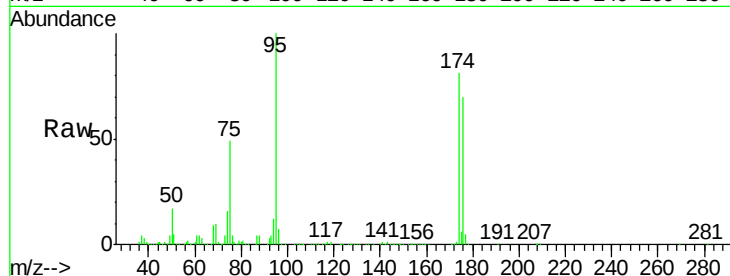
Tgt Ion: 75 Resp: 107021

Ion Ratio Lower Upper

75 100

53 0.1 73.1 109.7#

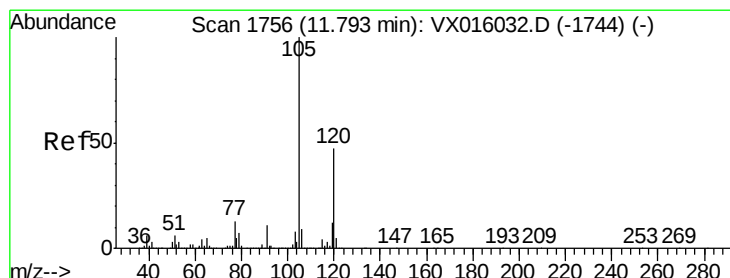
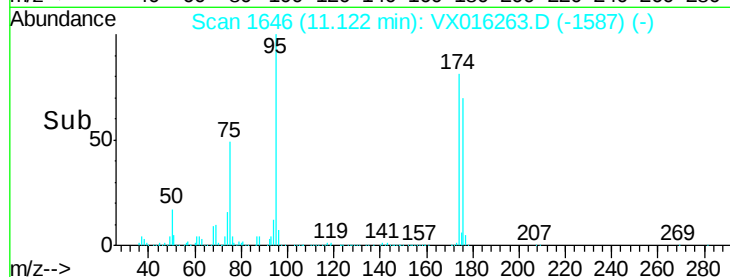
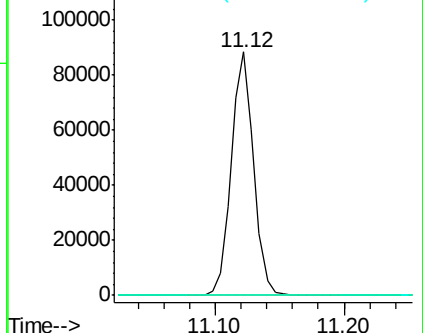
89 0.0 36.7 55.1#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.34 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016263.D

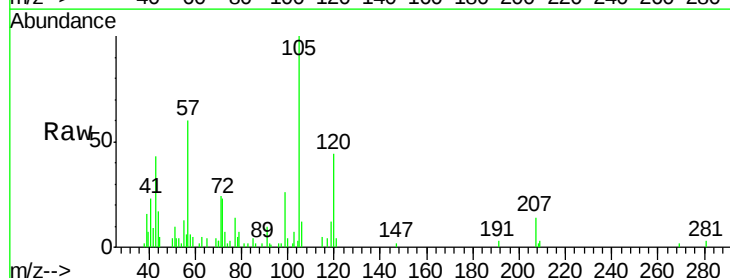
Acq: 15 May 2020 04:28

Tgt Ion: 105 Resp: 4668

Ion Ratio Lower Upper

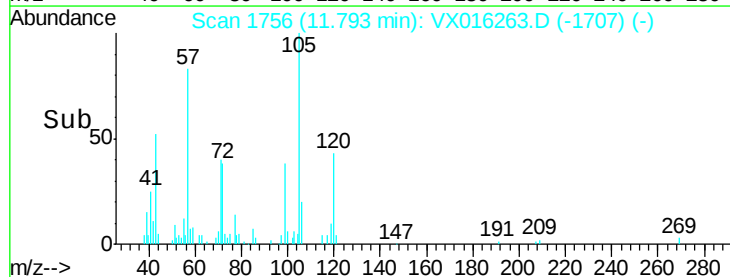
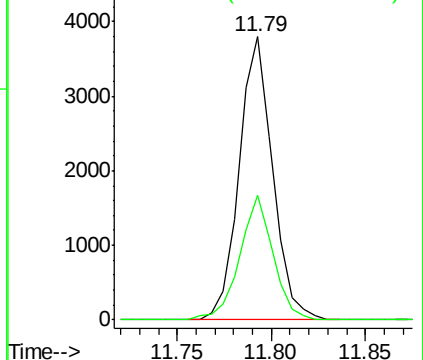
105 100

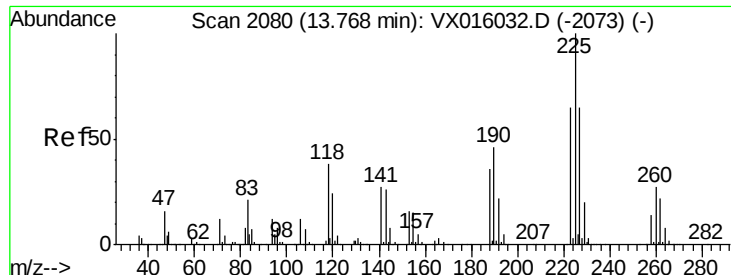
120 43.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#94

Hexachlorobutadiene

Concen: 0.57 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

BUS-WASH

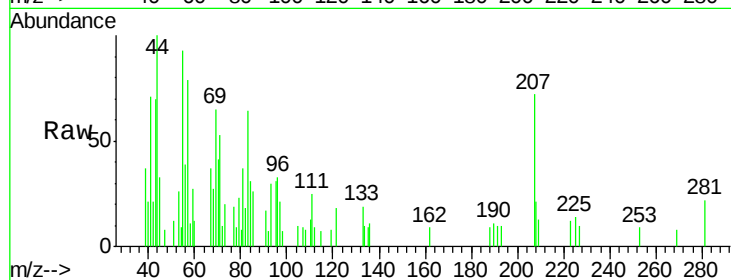
Tgt Ion: 225 Resp: 110

Ion Ratio Lower Upper

225 100

223 82.7 32.3 96.9

227 60.9 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

