

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010445.D
 Acq On : 25 Jun 2019 19:49
 Operator : JC/SP
 Sample : K3519-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-JMW0882

Quant Time: Jun 26 01:22:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	362019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172087	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	121948	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
35) Dibromofluoromethane	5.50	113	121414	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
50) Toluene-d8	8.71	98	469819	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	160331	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	1389	0.782	ug/l	79
5) Bromomethane	1.65	94	356	0.323	ug/l #	19
6) Chloroethane	1.74	64	614	0.460	ug/l	98
8) Diethyl Ether	2.19	74	20732	16.102	ug/l	97
11) Tert butyl alcohol	3.02	59	5269	8.408	ug/l #	95
13) Acrolein	2.26	56	87	0.209	ug/l #	1
16) Acetone	2.44	43	842	0.702	ug/l #	80
24) 1,1-Dichloroethane	3.70	63	1143	0.301	ug/l #	80
29) Tetrahydrofuran	5.15	42	805	0.738	ug/l	94
31) Cyclohexane	5.59	56	6583	1.903	ug/l	95
36) 1,1-Dichloropropene	5.67	75	15788	4.995	ug/l #	48
38) Carbon Tetrachloride	5.66	117	22502	6.575	ug/l #	16
39) Methylcyclohexane	7.46	83	8059	1.940	ug/l #	85
40) Benzene	6.15	78	19801	2.011	ug/l	99
49) 1,4-Dioxane	7.76	88	45	0.625	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	1630	0.610	ug/l #	25
65) Chlorobenzene	10.14	112	112939	15.367	ug/l	99
68) m/p-Xylenes	10.36	106	17004	3.537	ug/l	98
69) o-Xylene	10.69	106	1465	0.310	ug/l	93
73) Isopropylbenzene	11.02	105	15354	1.316	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	75369	24.034	ug/l #	33
78) n-propylbenzene	11.36	91	7545	0.588	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	7285	0.758	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	75369	56.070	ug/l #	16
83) tert-Butylbenzene	11.77	119	2341	0.243	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	72812	7.536	ug/l	100
85) sec-Butylbenzene	11.94	105	10067	0.888	ug/l #	72
86) p-Isopropyltoluene	12.23	119	4113	0.392	ug/l	90
87) 1,3-Dichlorobenzene	12.10	146	4896	0.861	ug/l #	56
88) 1,4-Dichlorobenzene	12.10	146	4896	0.846	ug/l #	54
89) n-Butylbenzene	12.38	91	3699	0.415	ug/l #	58
90) Hexachloroethane	12.58	117	1301	0.718	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	5818	1.030	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	187	0.225	ug/l #	1

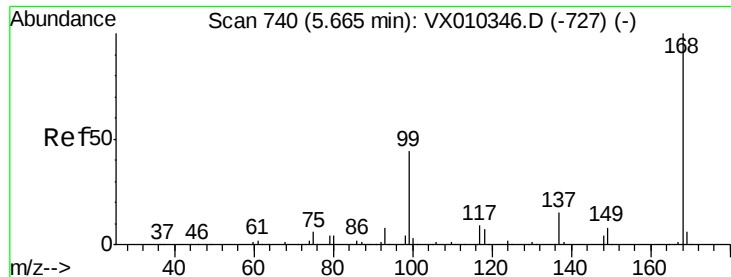
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
Data File : VX010445.D
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Quant Time: Jun 26 01:22:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	155269	12.893	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

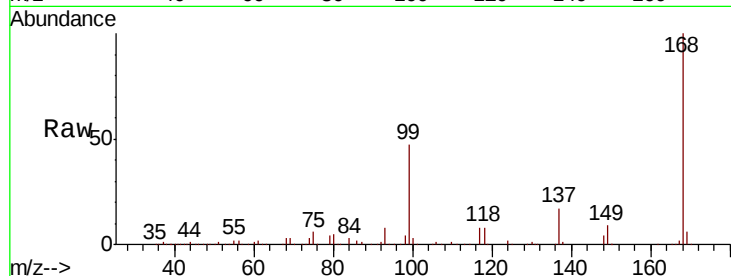
SP-19-JMW0882

Tot Ion:168 Resp: 255419

Ion Ratio Lower Upper

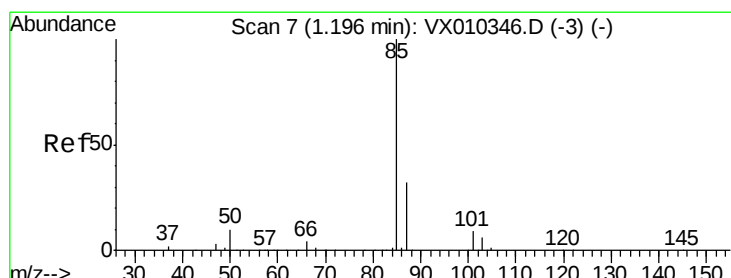
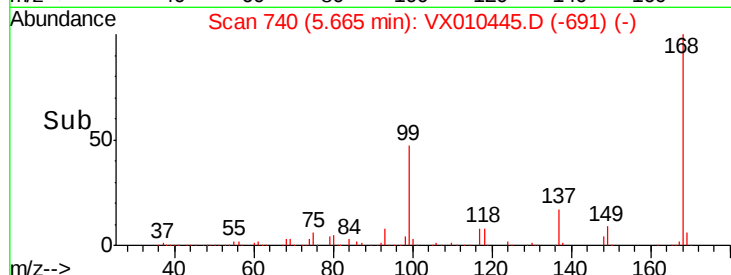
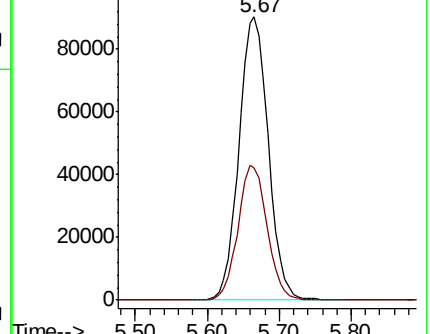
168 100

99 46.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.782 ug/l

RT: 1.21 min Scan# 9

Delta R.T. 0.01 min

Lab File: VX010445.D

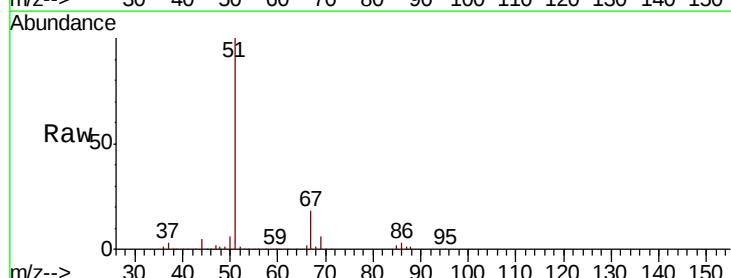
Acq: 25 Jun 2019 19:49

Tgt Ion: 85 Resp: 1389

Ion Ratio Lower Upper

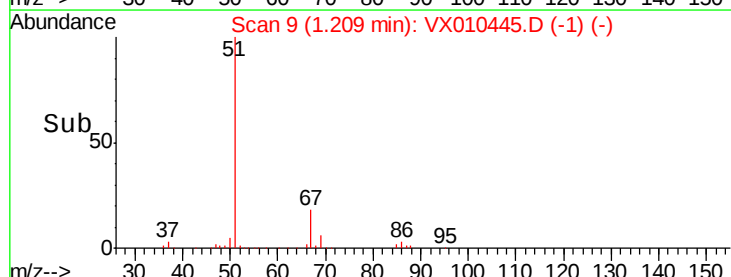
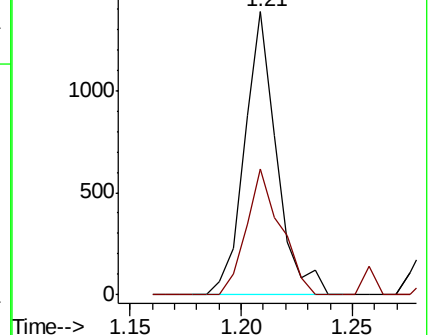
85 100

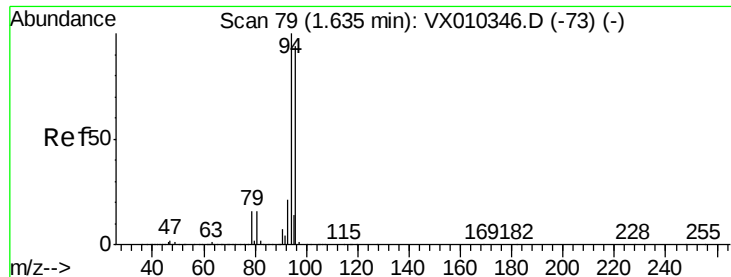
87 44.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.323 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

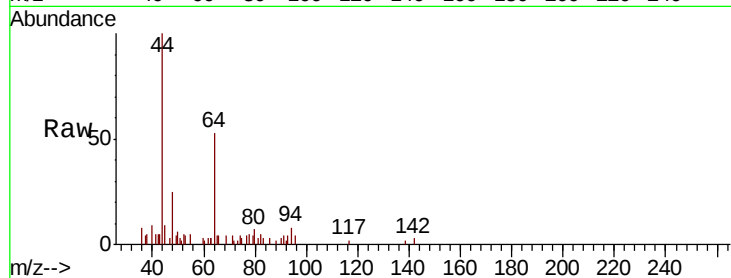
SP-19-JMW0882

Tot Ion: 94 Resp: 356

Ion Ratio Lower Upper

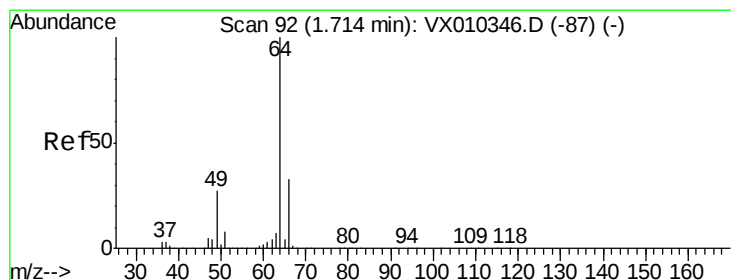
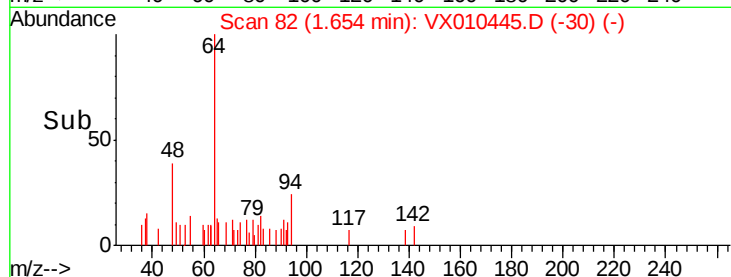
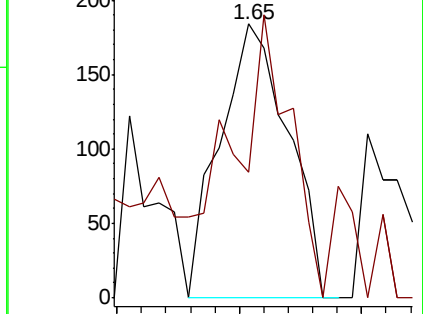
94 100

96 16.3 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.460 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX010445.D

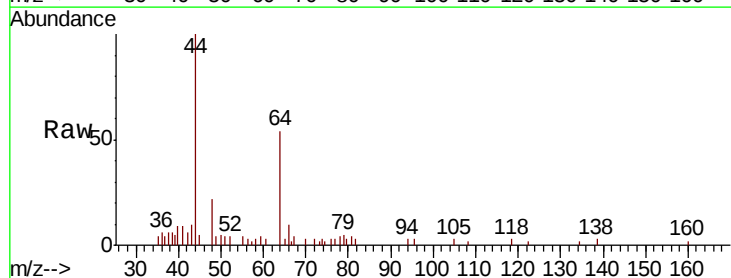
Acq: 25 Jun 2019 19:49

Tgt Ion: 64 Resp: 614

Ion Ratio Lower Upper

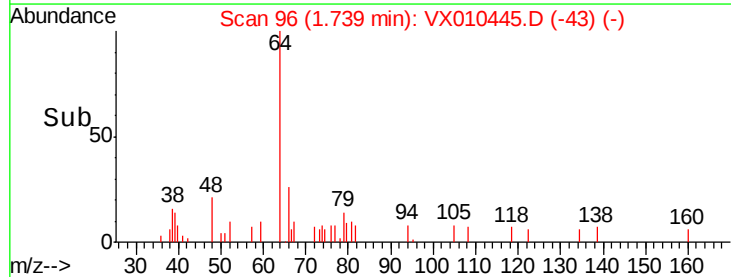
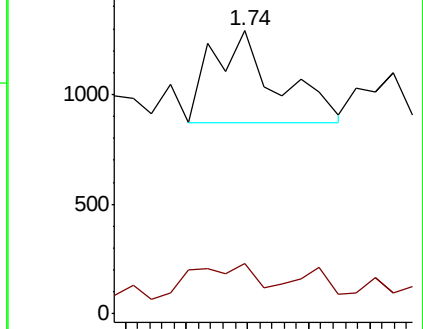
64 100

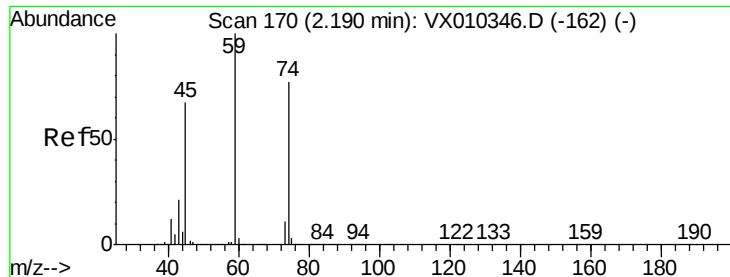
66 32.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 16.102 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

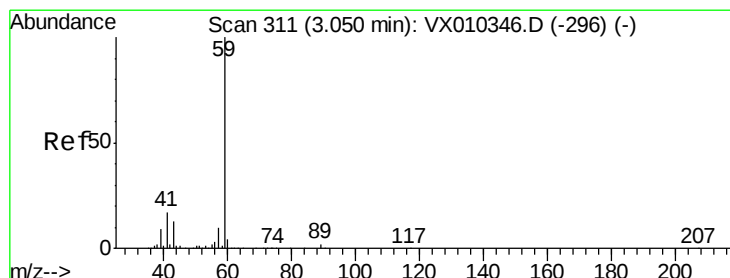
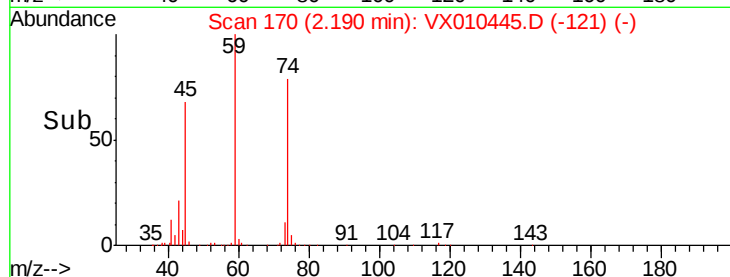
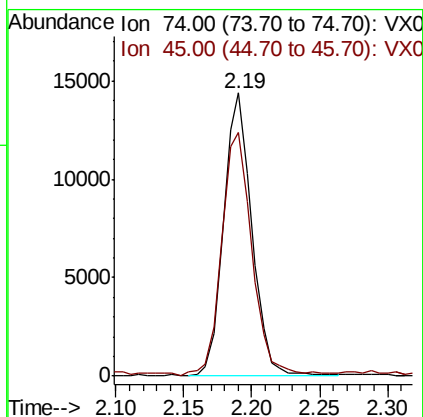
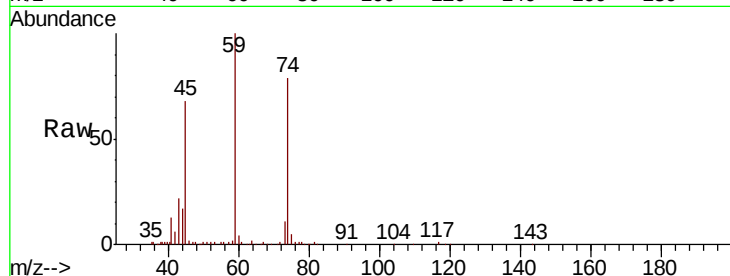
SP-19-JMW0882

Tot Ion: 74 Resp: 20732

Ion Ratio Lower Upper

74 100

45 92.3 44.8 134.4



#11

Tert butyl alcohol

Concen: 8.408 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010445.D

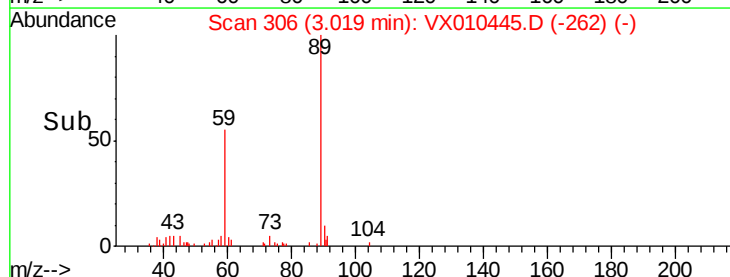
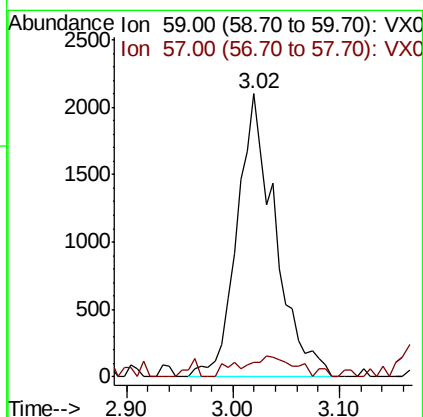
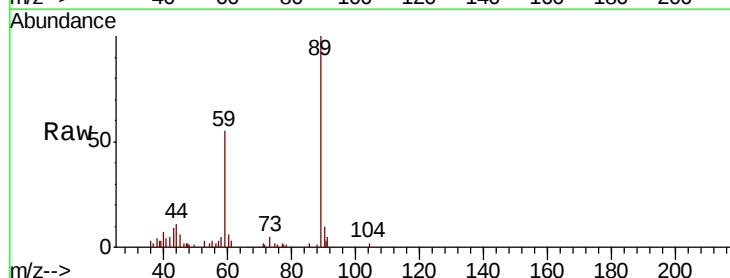
Acq: 25 Jun 2019 19:49

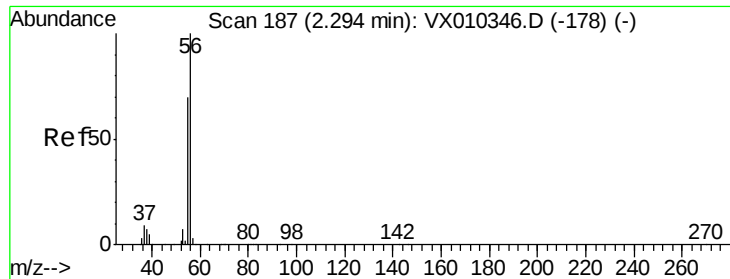
Tgt Ion: 59 Resp: 5269

Ion Ratio Lower Upper

59 100

57 7.6 7.7 11.5#





#13

Acrolein

Concen: 0.209 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

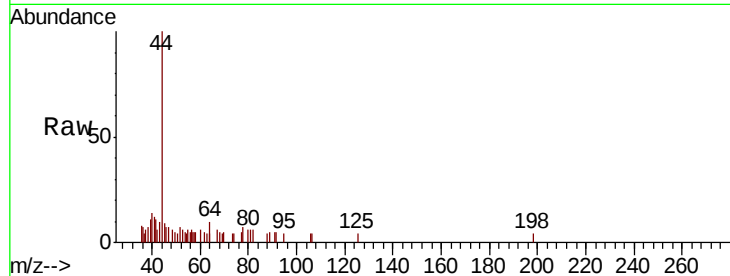
SP-19-JMW0882

Tot Ion: 56 Resp: 87

Ion Ratio Lower Upper

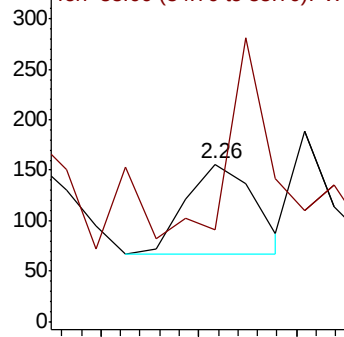
56 100

55 444.8 56.9 85.3#

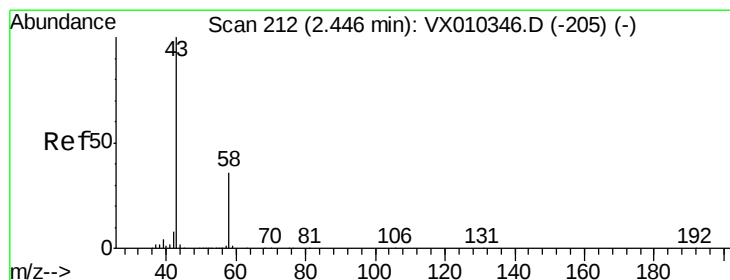
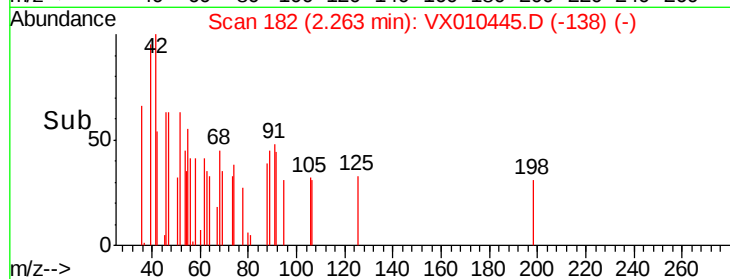


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 0.702 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010445.D

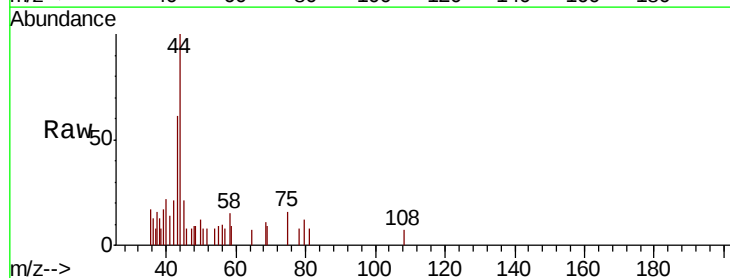
Acq: 25 Jun 2019 19:49

Tgt Ion: 43 Resp: 842

Ion Ratio Lower Upper

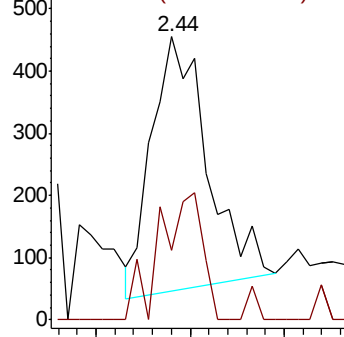
43 100

58 47.9 28.9 43.3#

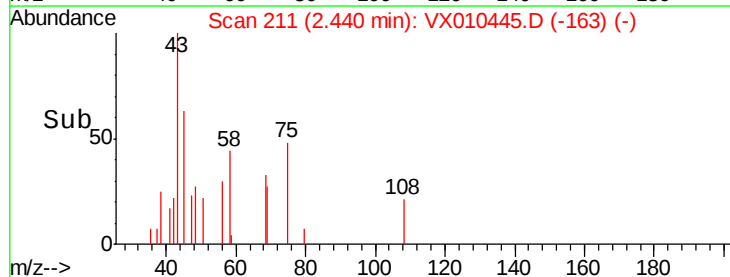


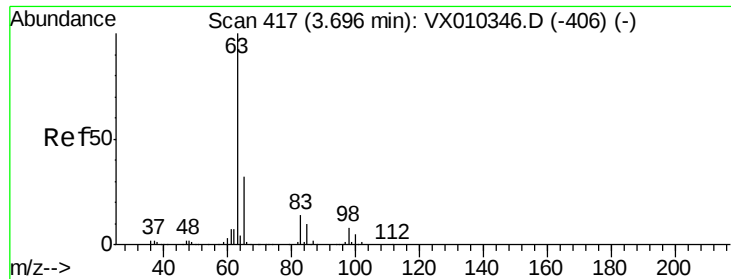
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#24

1,1-Dichloroethane

Concen: 0.301 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SP-19-JMW0882

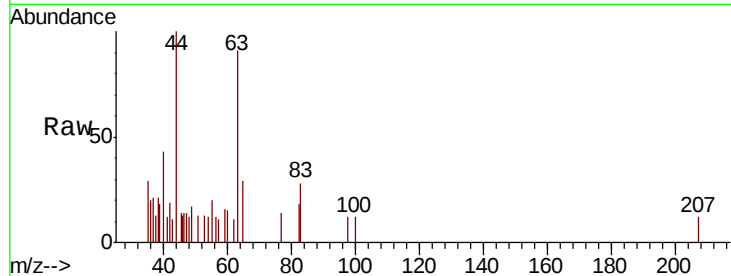
Tot Ion: 63 Resp: 1143

Ion Ratio Lower Upper

63 100

98 13.6 3.9 11.7#

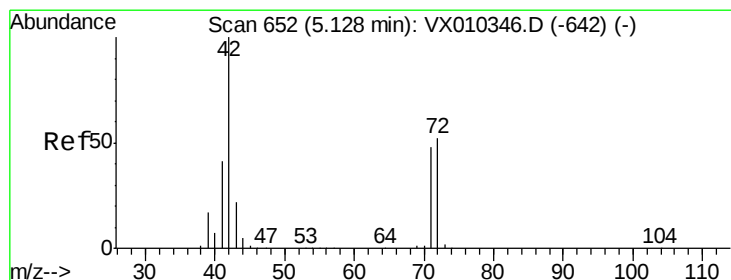
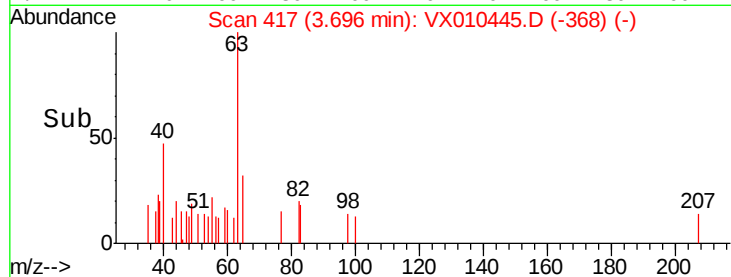
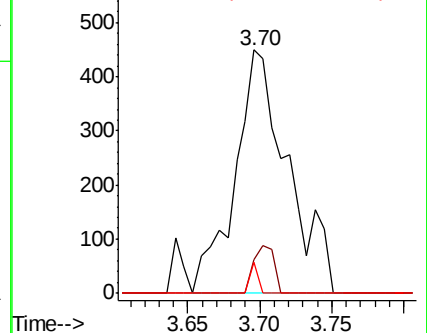
100 12.9 2.4 7.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#29

Tetrahydrofuran

Concen: 0.738 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.02 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

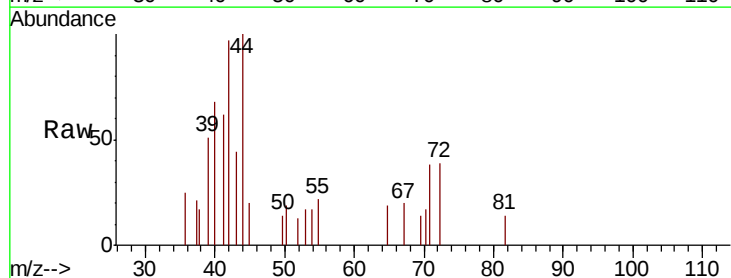
Tgt Ion: 42 Resp: 805

Ion Ratio Lower Upper

42 100

72 54.4 40.6 60.8

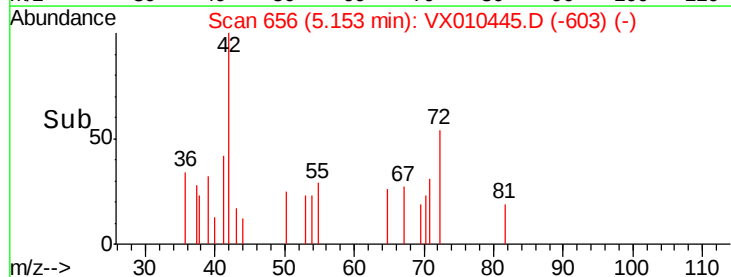
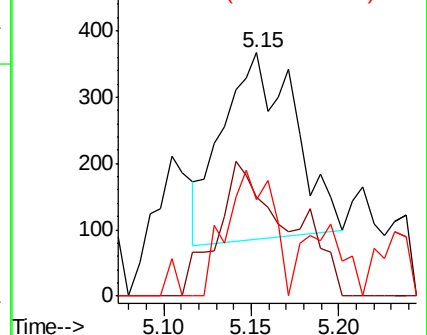
71 43.4 37.8 56.8

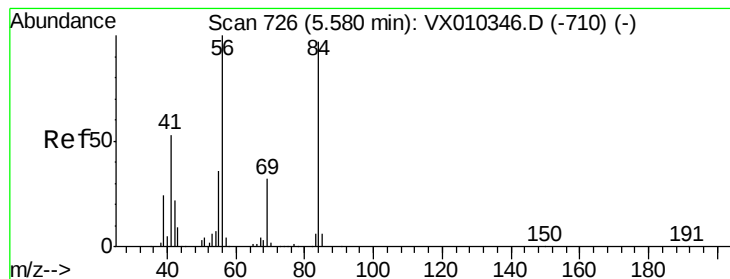


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 1.903 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

Instrument :

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ClientSampleId :

SP-19-JMW0882

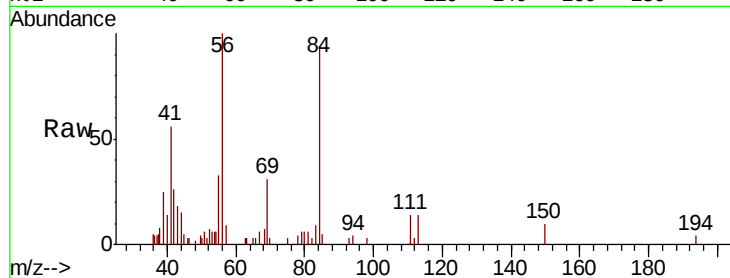
Tot Ion: 56 Resp: 6583

Ion Ratio Lower Upper

56 100

69 27.9 25.9 38.9

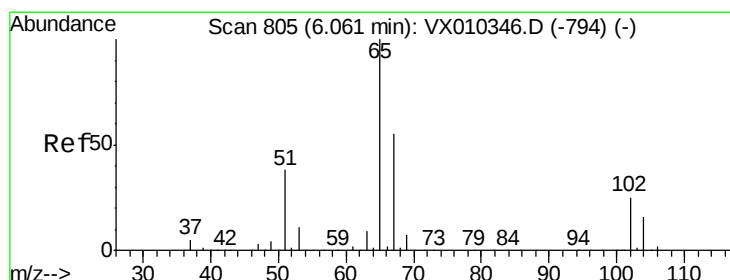
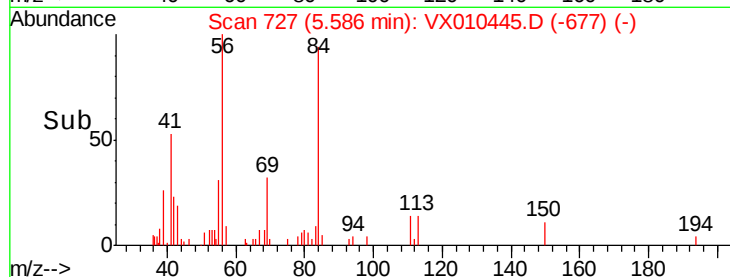
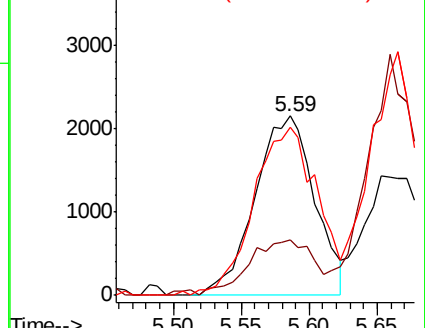
84 93.9 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.922 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010445.D

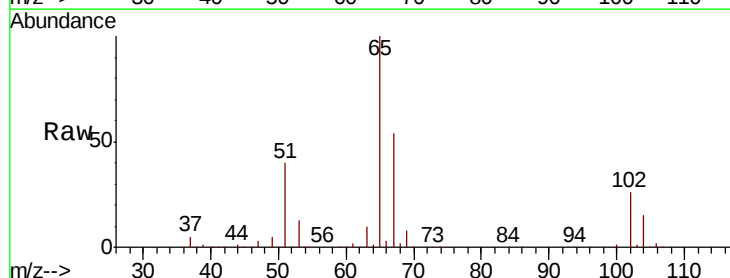
Acq: 25 Jun 2019 19:49

Tgt Ion: 65 Resp: 121948

Ion Ratio Lower Upper

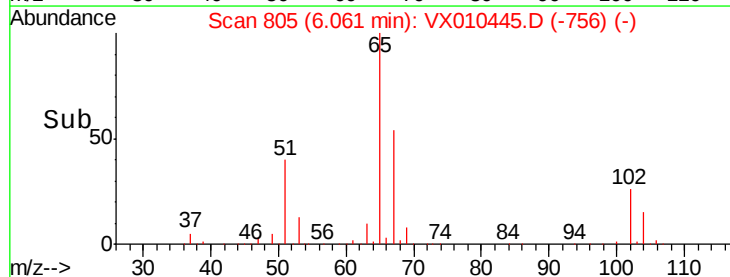
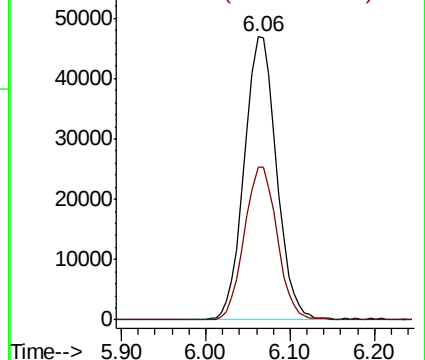
65 100

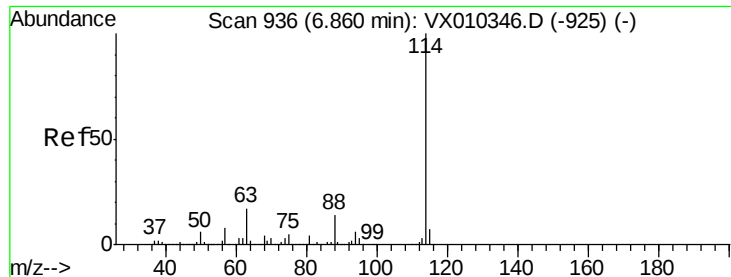
67 55.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

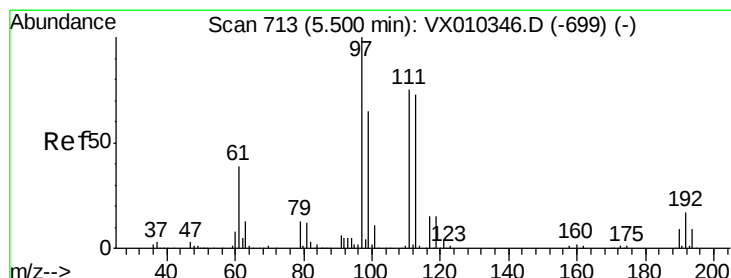
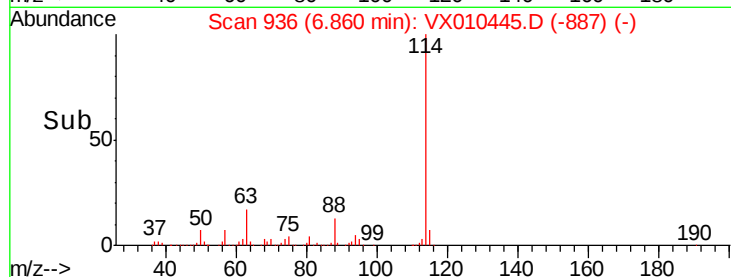
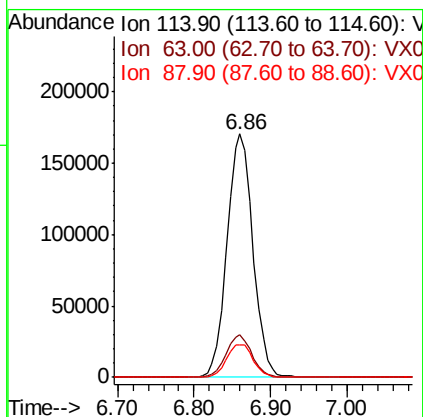
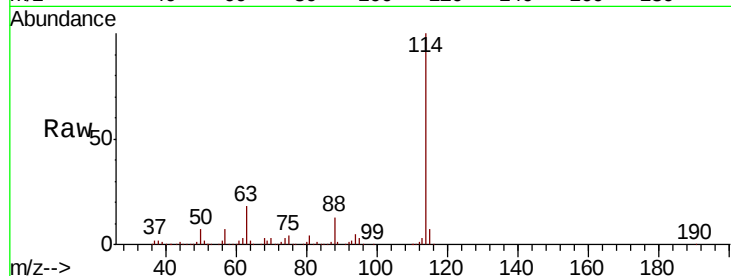




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

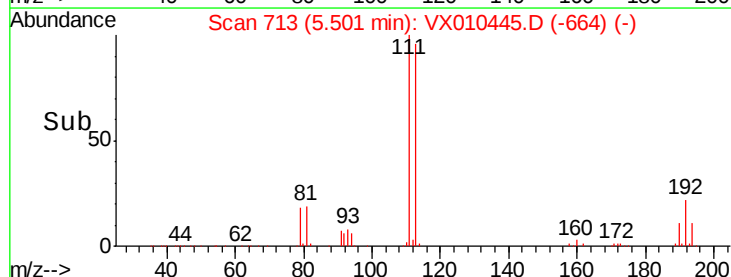
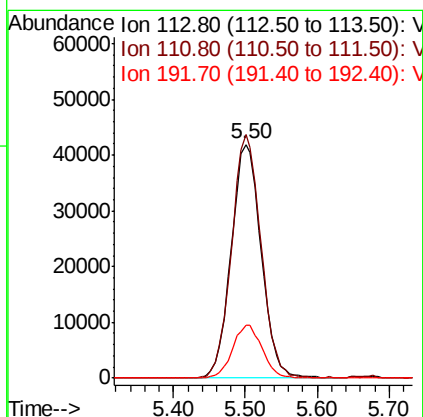
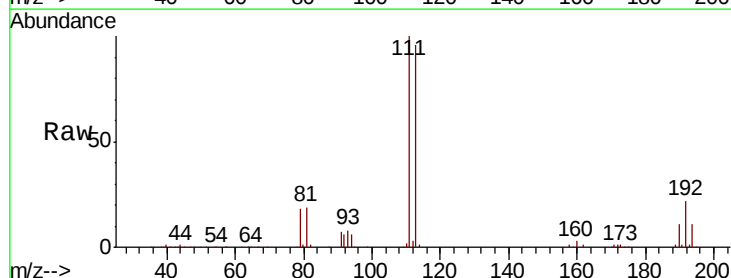
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-JMW0882

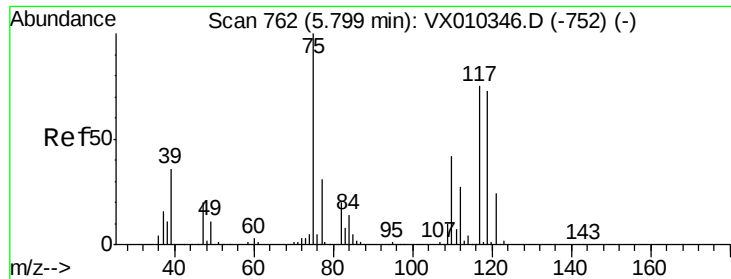
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	33.8
88	13.5	0.0	27.6



#35
 Dibromofluoromethane
 Concen: 49.895 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.2	121.8
192	22.3	18.6	27.8

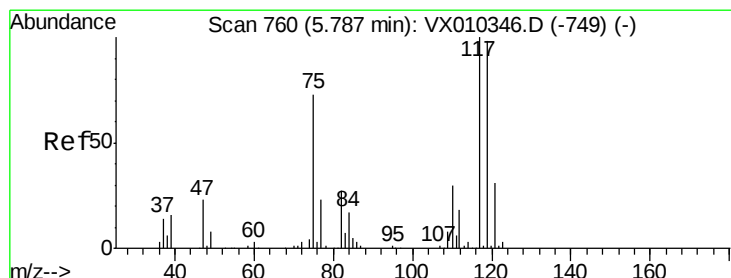
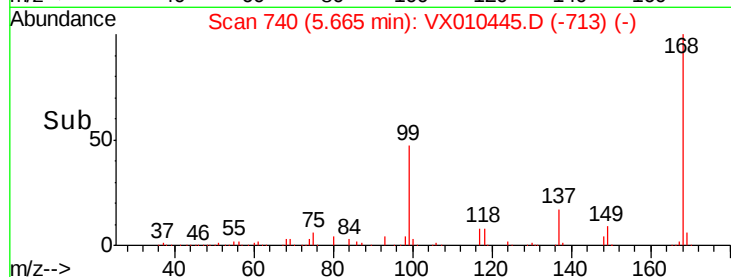
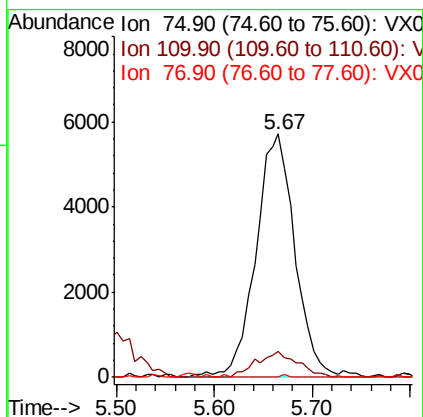
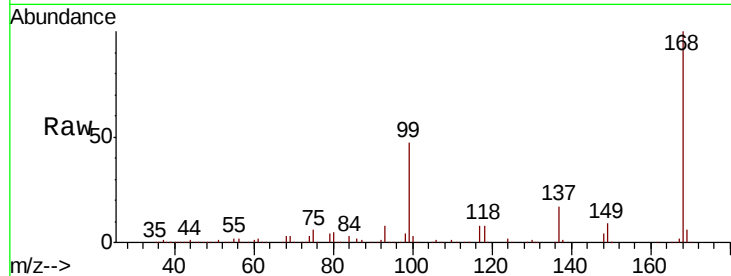




#36
 1,1-Dichloropropene
 Concen: 4.995 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

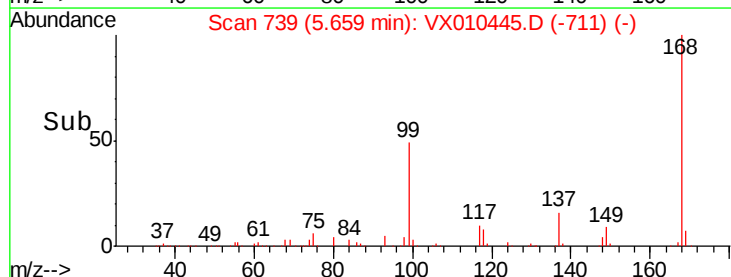
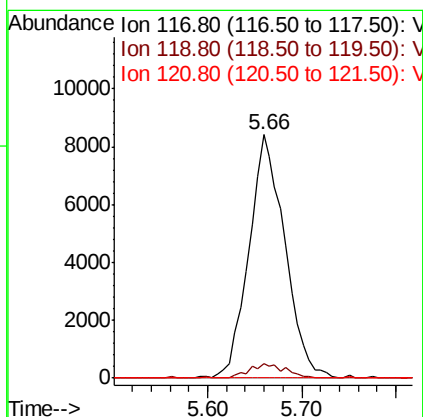
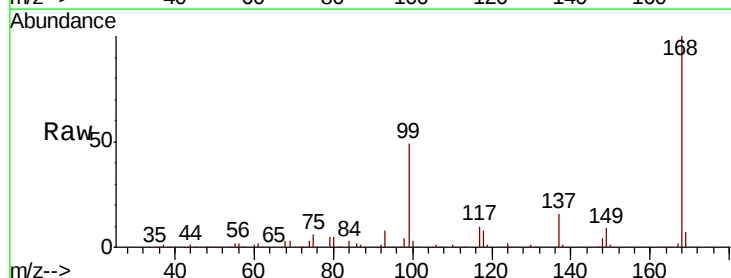
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-JMW0882

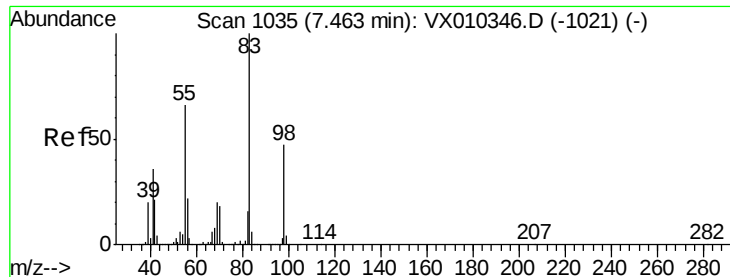
Tot Ion: 75 Resp: 15788
 Ion Ratio Lower Upper
 75 100
 110 11.2 20.8 62.2#
 77 0.2 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.575 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

Tgt Ion:117 Resp: 22502
 Ion Ratio Lower Upper
 117 100
 119 6.0 78.2 117.4#
 121 0.0 24.7 37.1#





#39

Methvlcvclohexane

Concen: 1.940 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SP-19-JMW0882

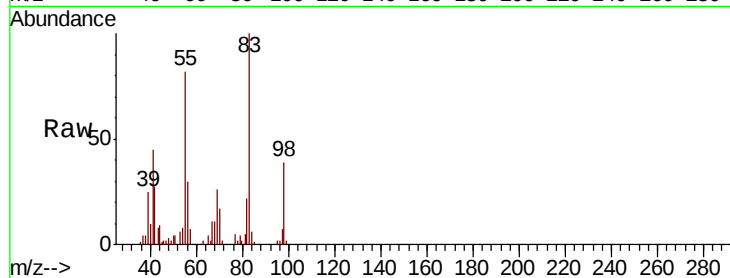
Tot Ion: 83 Resp: 8059

Ion Ratio Lower Upper

83 100

55 79.9 53.0 79.6#

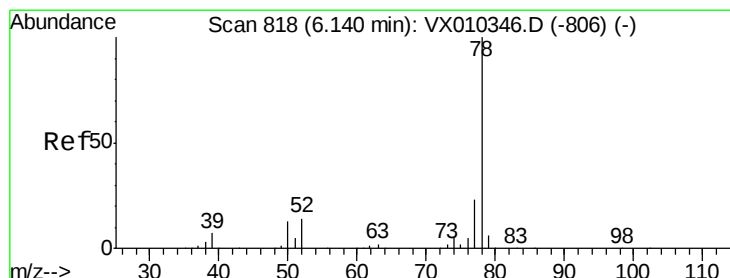
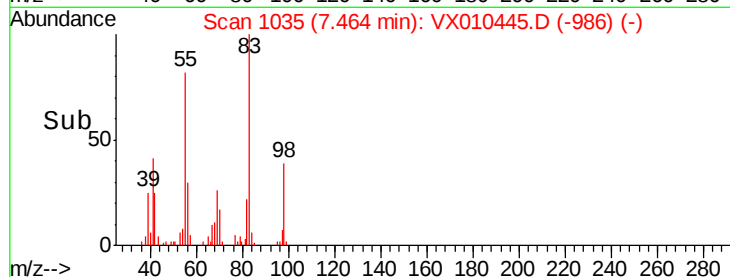
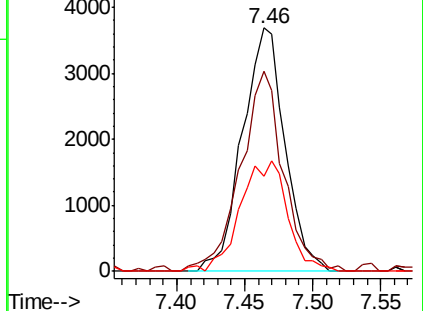
98 39.0 37.8 56.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 2.011 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010445.D

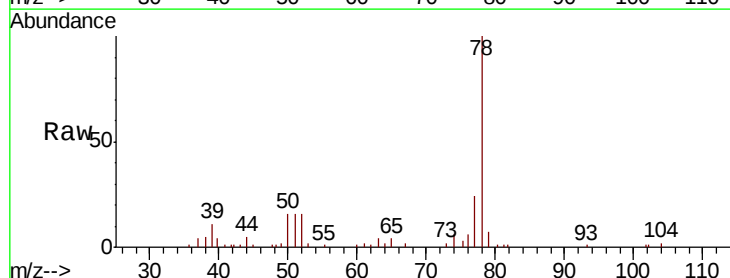
Acq: 25 Jun 2019 19:49

Tgt Ion: 78 Resp: 19801

Ion Ratio Lower Upper

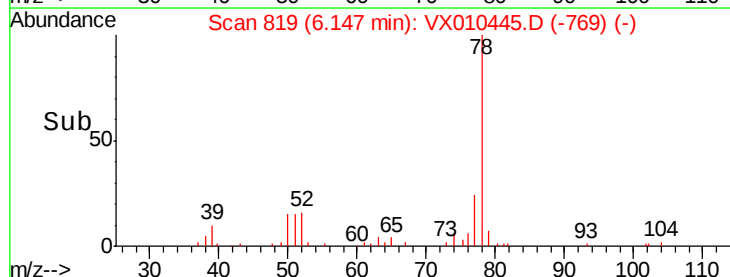
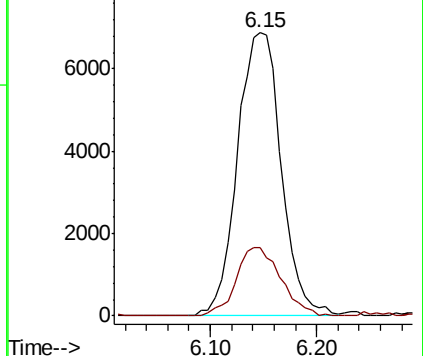
78 100

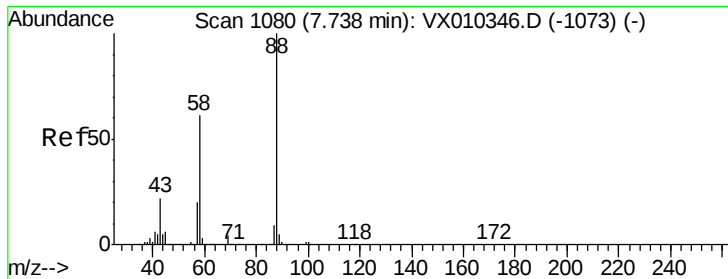
77 23.9 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

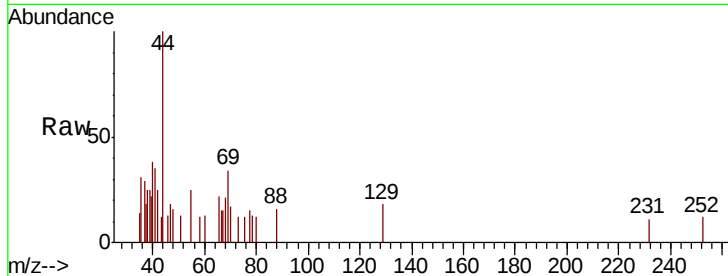




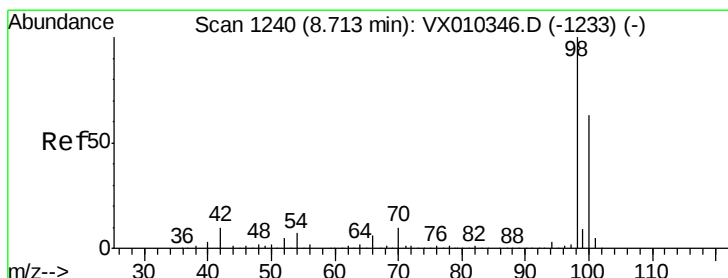
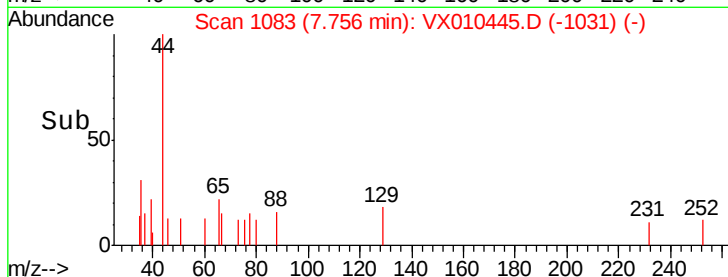
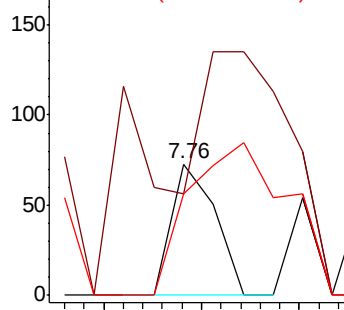
#49
1,4-Dioxane
Concen: 0.625 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX010445.D
Acq: 25 Jun 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SP-19-JMW0882

Tot Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 564.4 20.2 30.2#
58 262.2 49.5 74.3#

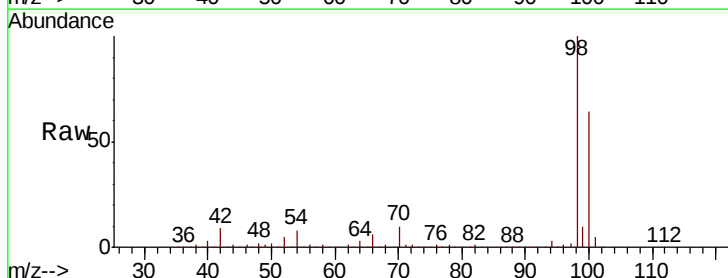


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

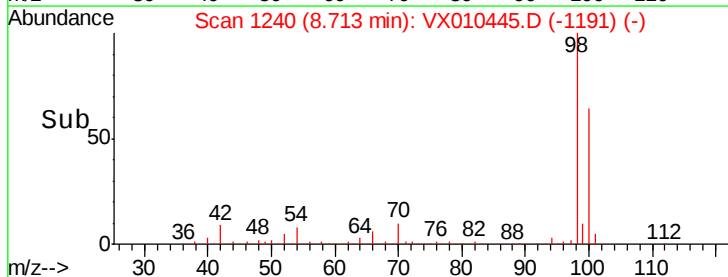
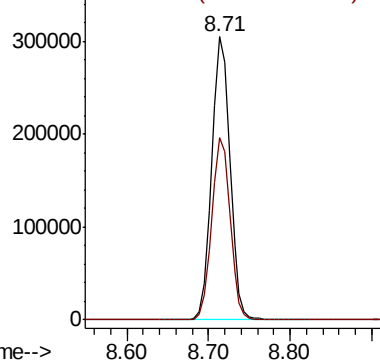


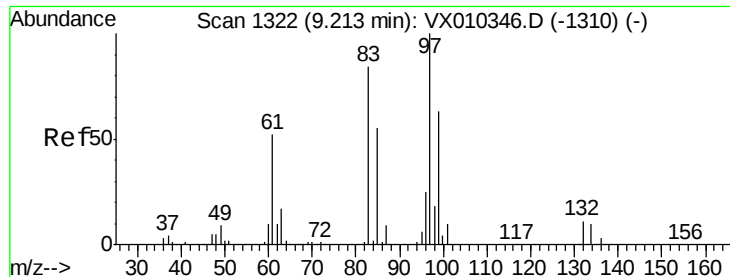
#50
Toluene-d8
Concen: 50.466 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010445.D
Acq: 25 Jun 2019 19:49

Tgt Ion: 98 Resp: 469819
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



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

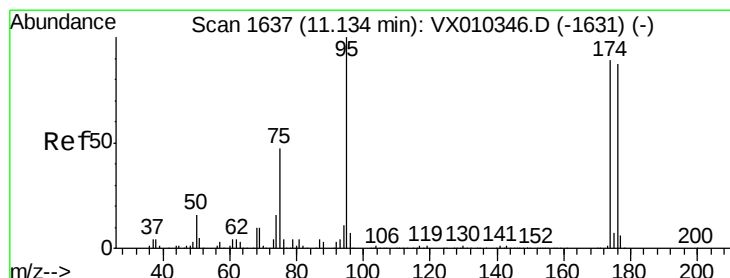
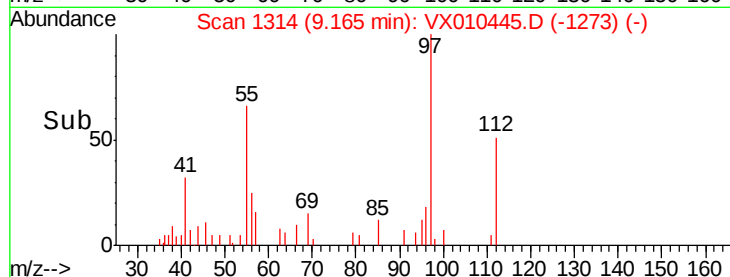
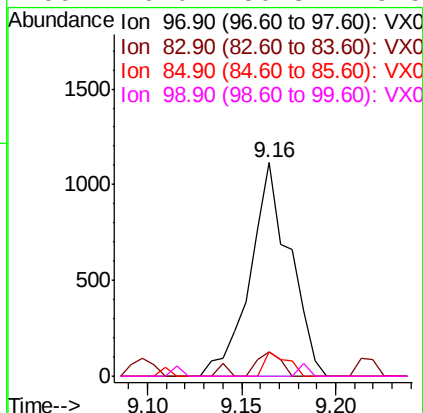
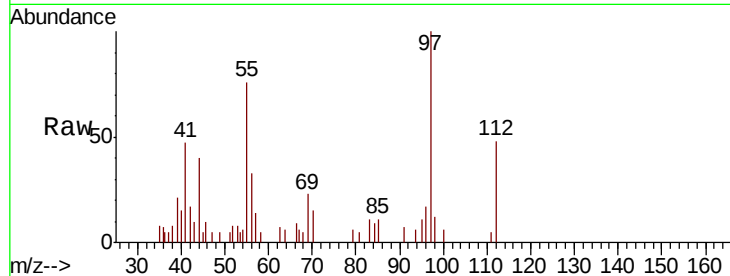




#55
 1,1,2-Trichloroethane
 Concen: 0.610 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

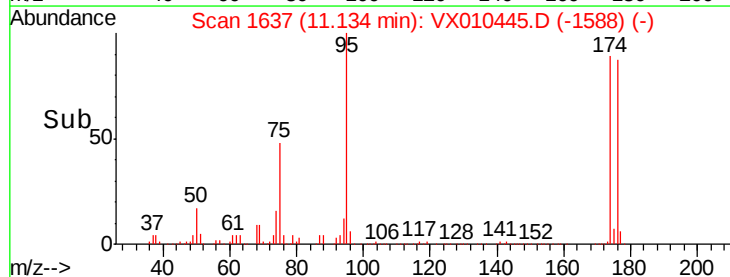
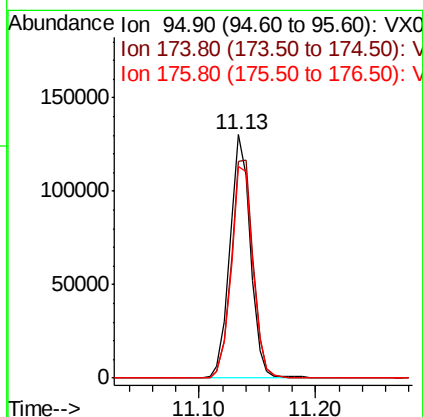
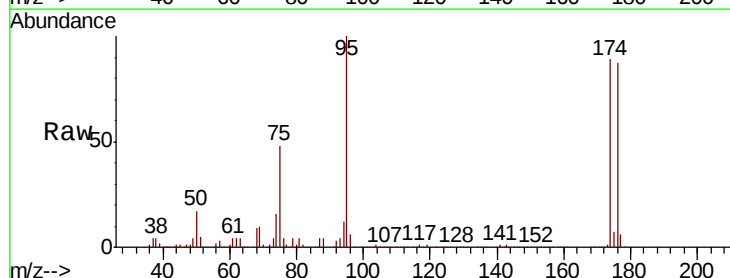
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-JMW0882

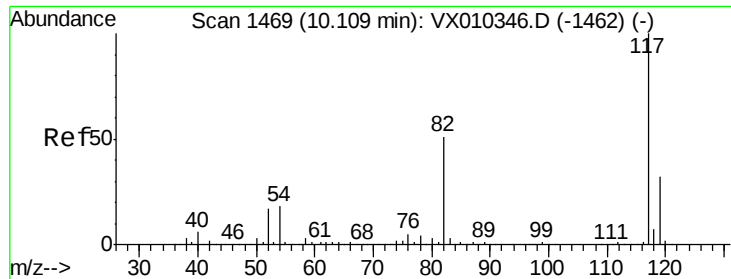
Tot Ion: 97 Resp: 1630
 Ion Ratio Lower Upper
 97 100
 83 11.4 67.4 101.0#
 85 11.4 43.8 65.8#
 99 0.0 50.3 75.5#



#62
 4-Bromofluorobenzene
 Concen: 47.703 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

Tgt Ion: 95 Resp: 160331
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 187.6
 176 91.3 0.0 184.0

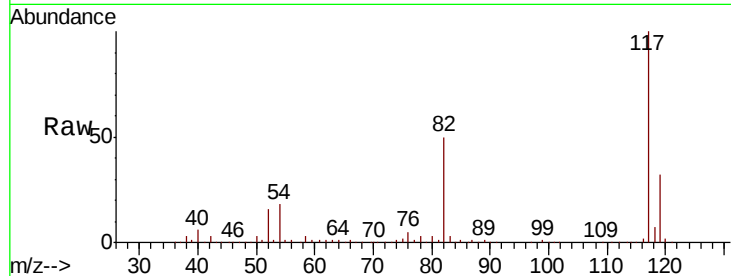




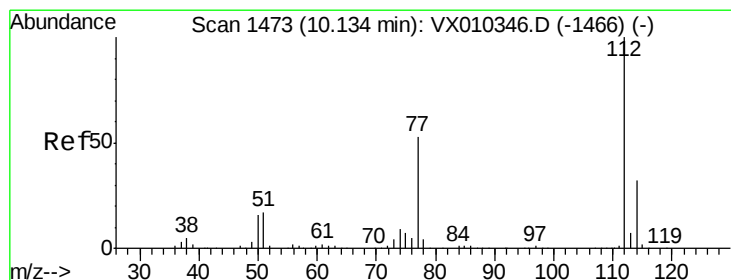
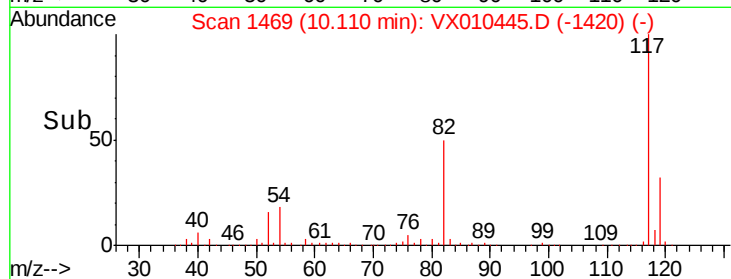
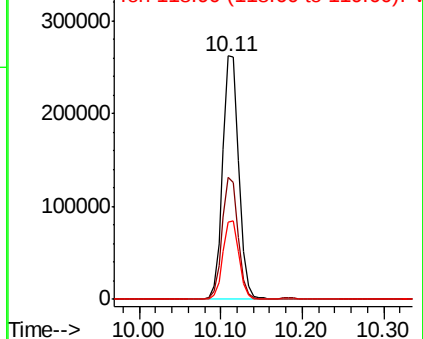
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010445.D
Acq: 25 Jun 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SP-19-JMW0882

Tot Ion:117 Resp: 362019
Ion Ratio Lower Upper
117 100
82 49.9 41.2 61.8
119 31.7 25.5 38.3

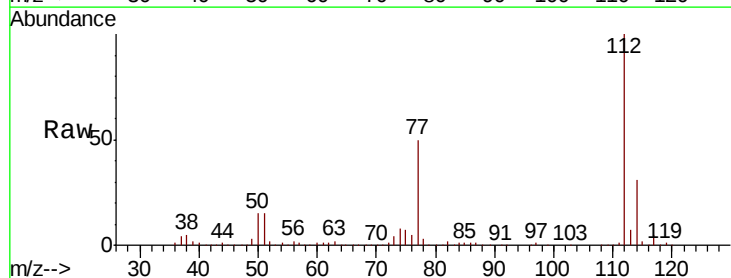


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

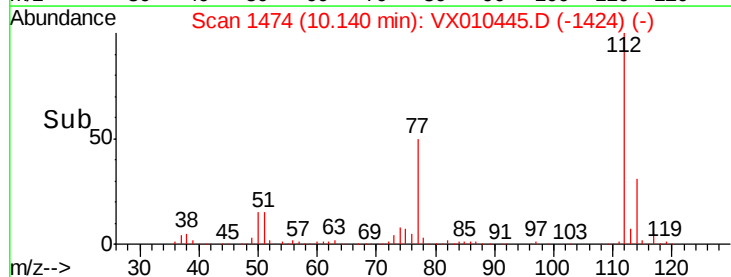
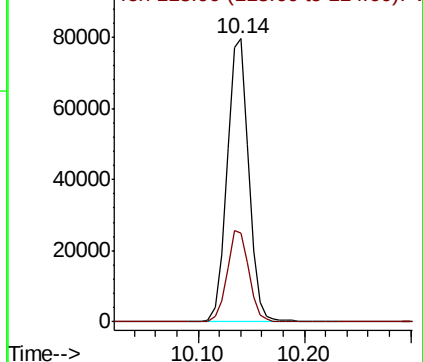


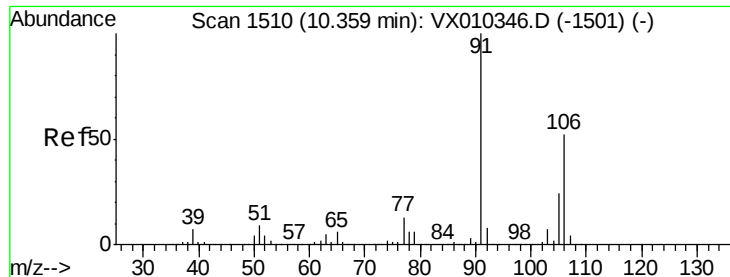
#65
Chlorobenzene
Concen: 15.367 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010445.D
Acq: 25 Jun 2019 19:49

Tgt Ion:112 Resp: 112939
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

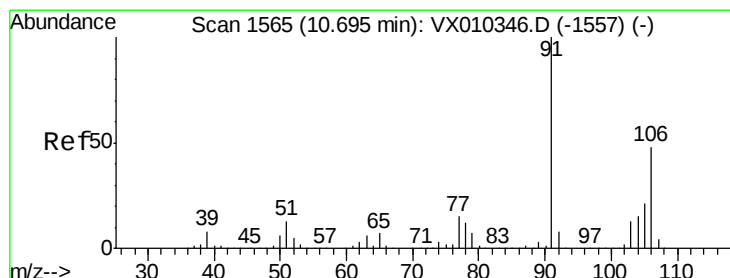
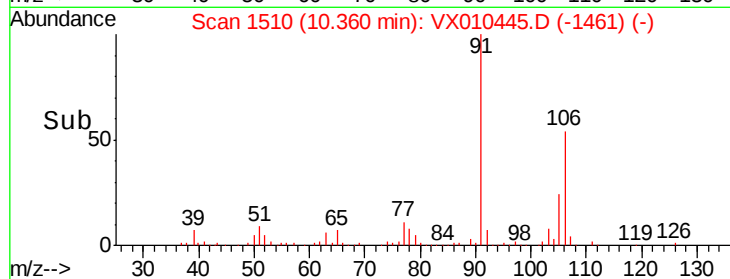
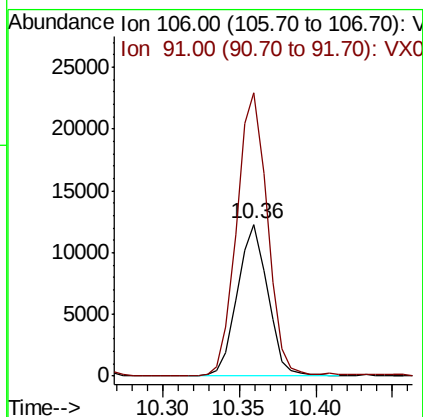
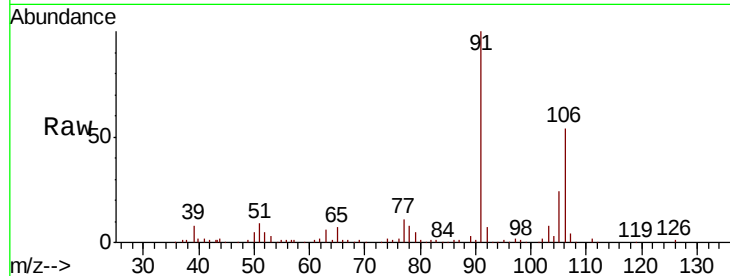




#68
m/p-Xylenes
Concen: 3.537 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010445.D
Acq: 25 Jun 2019 19:49

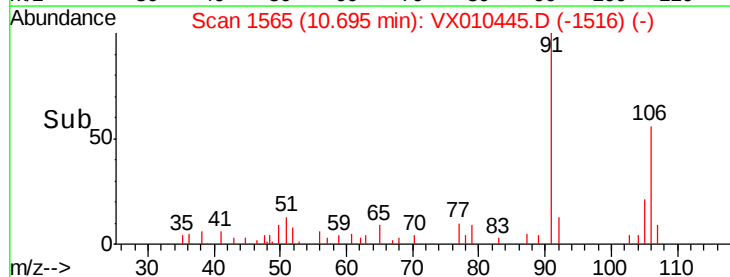
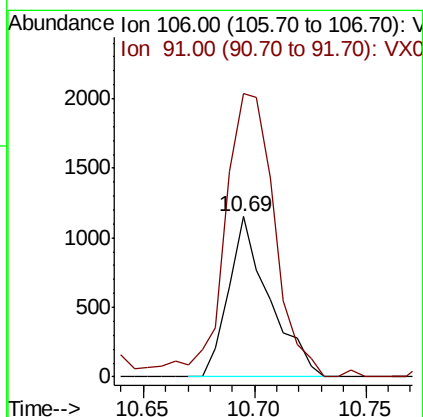
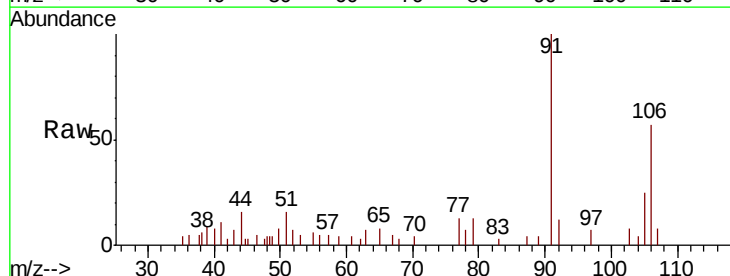
Instrument :
MSVOA_X
ClientSampleId :
SP-19-JMW0882

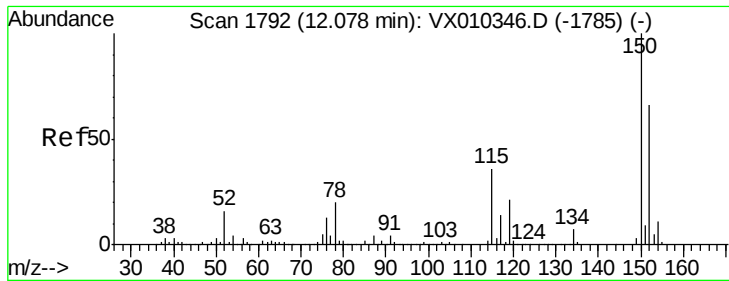
Tot Ion:106 Resp: 17004
Ion Ratio Lower Upper
106 100
91 191.0 155.3 232.9



#69
o-Xylene
Concen: 0.310 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010445.D
Acq: 25 Jun 2019 19:49

Tgt Ion:106 Resp: 1465
Ion Ratio Lower Upper
106 100
91 216.9 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SP-19-JMW0882

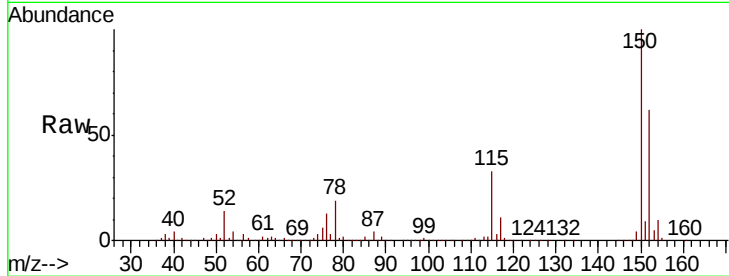
Tot Ion:152 Resp: 172087

Ion Ratio Lower Upper

152 100

115 54.7 38.6 115.7

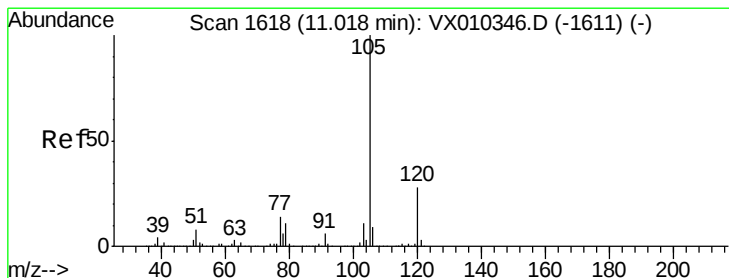
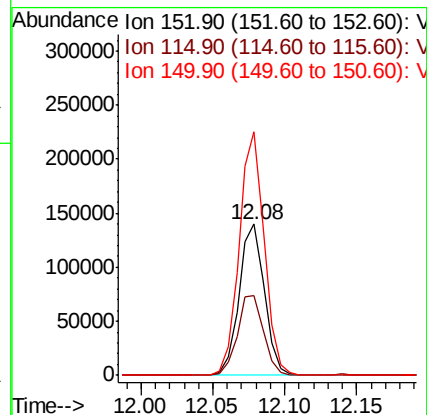
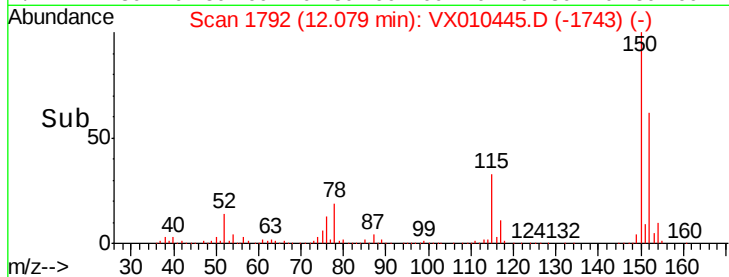
150 158.8 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.316 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010445.D

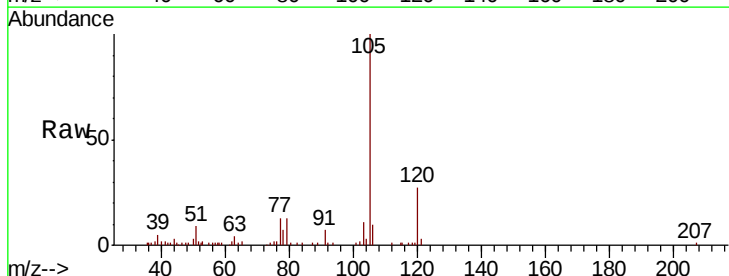
Acq: 25 Jun 2019 19:49

Tgt Ion:105 Resp: 15354

Ion Ratio Lower Upper

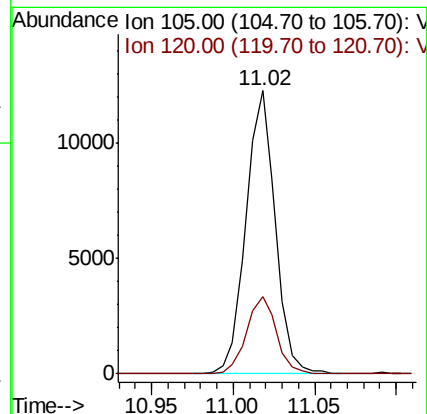
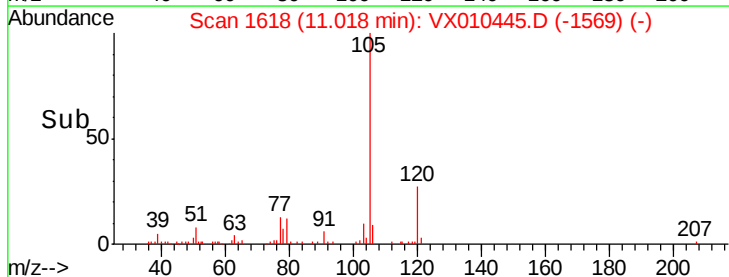
105 100

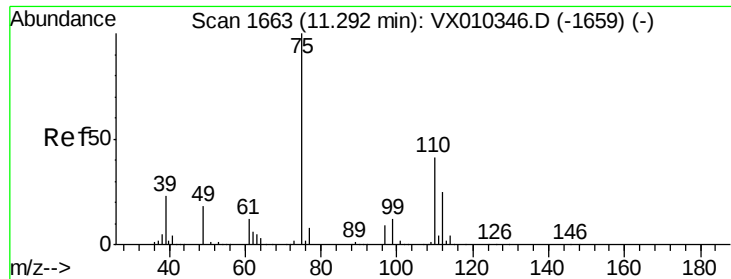
120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 24.034 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

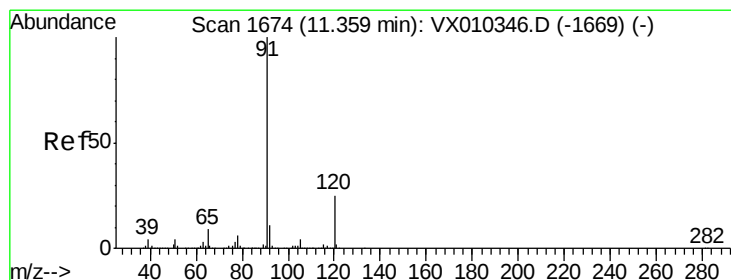
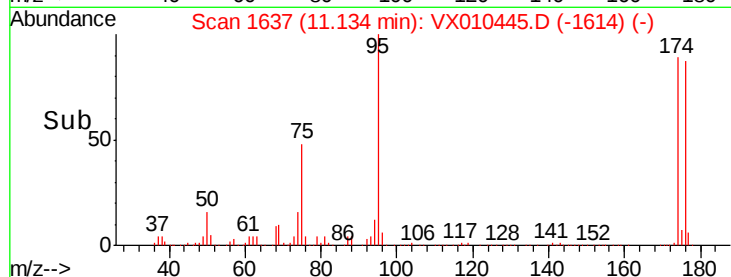
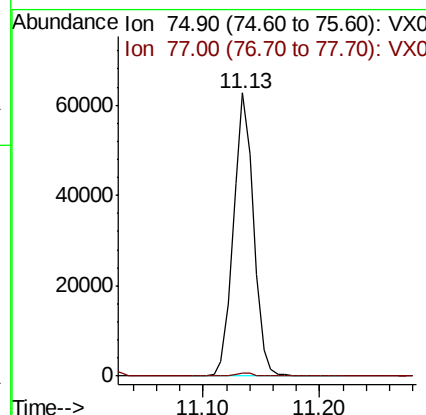
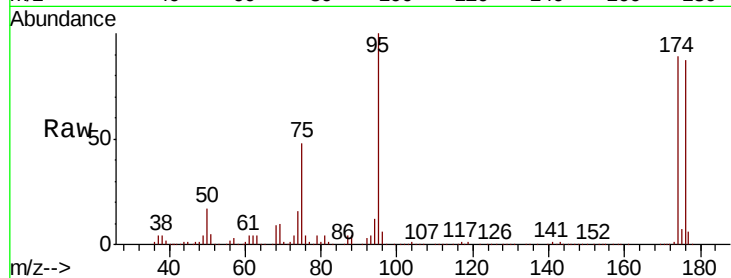
SP-19-JMW0882

Tot Ion: 75 Resp: 75369

Ion Ratio Lower Upper

75 100

77 1.2 22.6 67.8#



#78

n-propylbenzene

Concen: 0.588 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010445.D

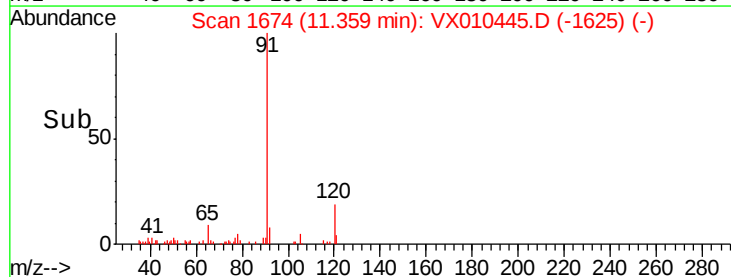
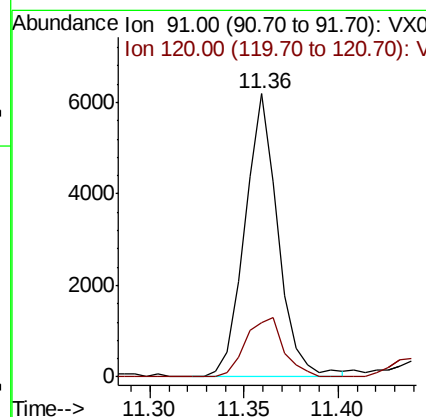
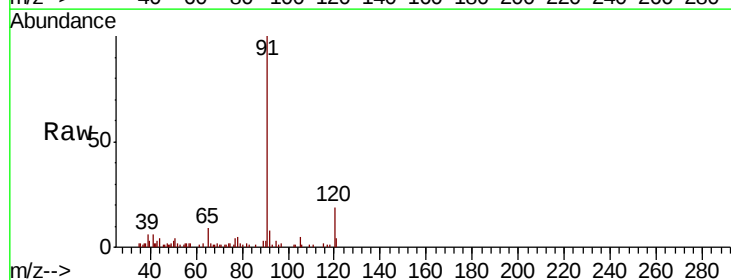
Acq: 25 Jun 2019 19:49

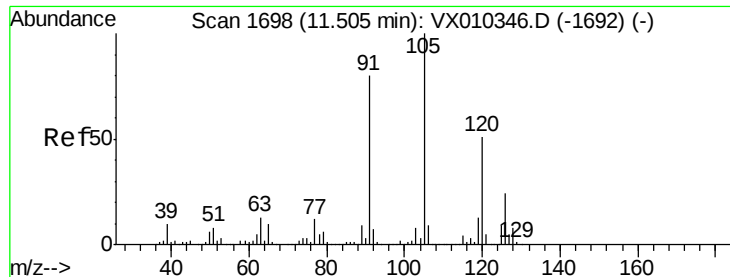
Tgt Ion: 91 Resp: 7545

Ion Ratio Lower Upper

91 100

120 23.8 12.4 37.4

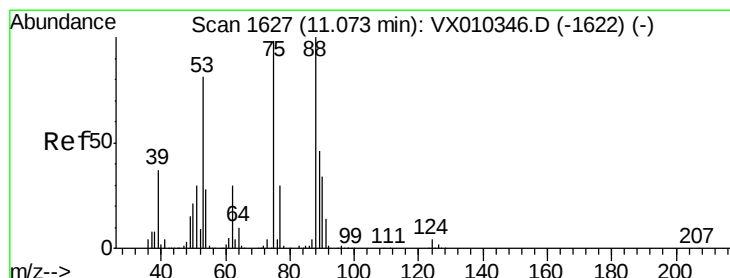
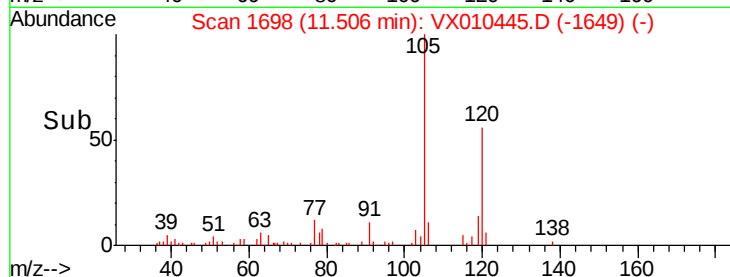
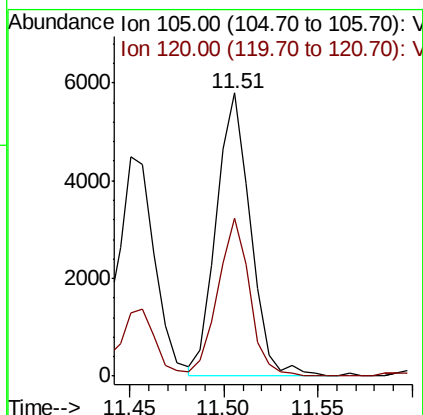
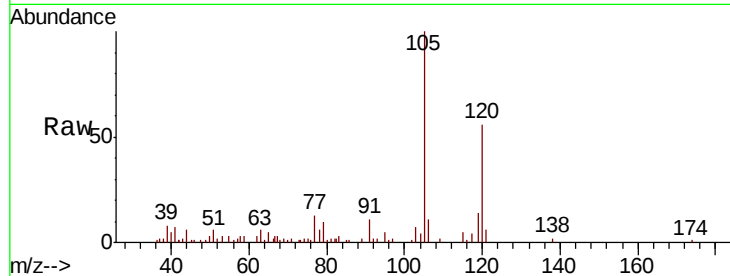




#80
 1,3,5-Trimethylbenzene
 Concen: 0.758 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

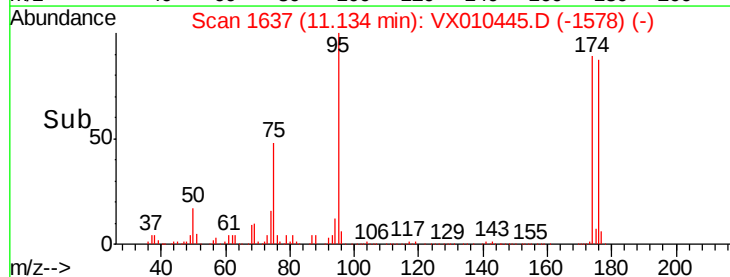
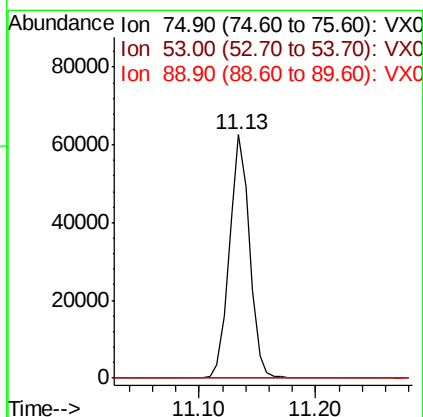
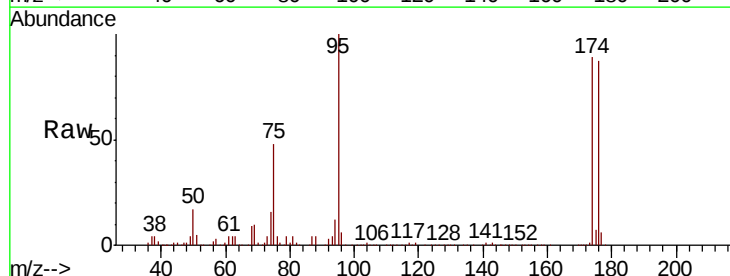
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-JMW0882

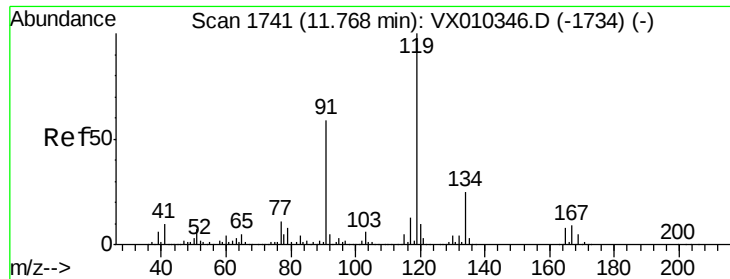
Tot Ion:105 Resp: 7285
 Ion Ratio Lower Upper
 105 100
 120 52.1 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.070 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

Tgt Ion: 75 Resp: 75369
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.0 37.8 56.6#

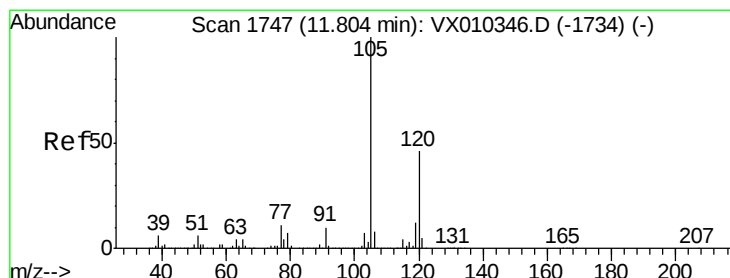
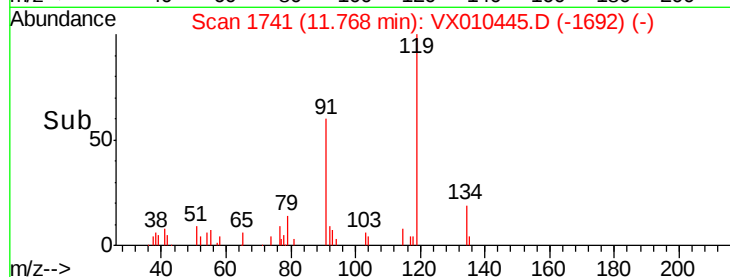
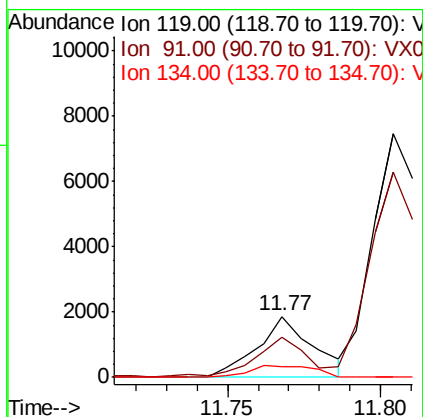
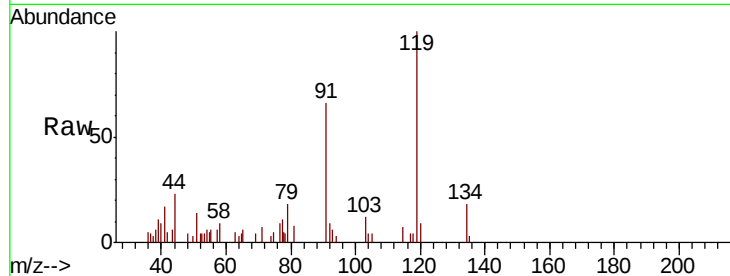




#83
tert-Butylbenzene
Concen: 0.243 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010445.D
Acq: 25 Jun 2019 19:49

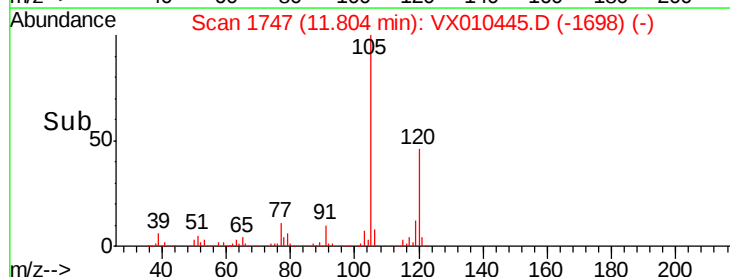
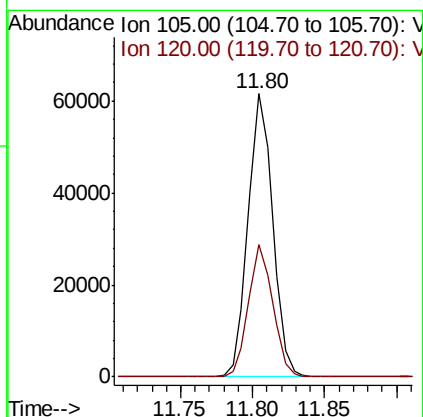
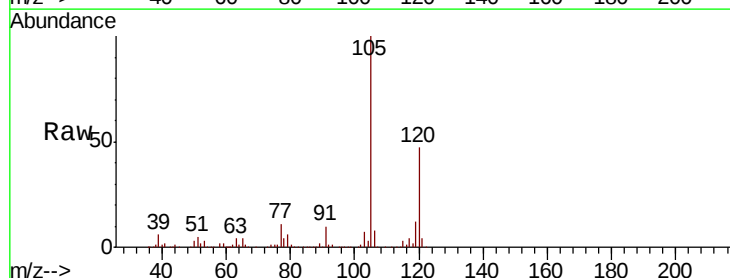
Instrument :
MSVOA_X
ClientSampleId :
SP-19-JMW0882

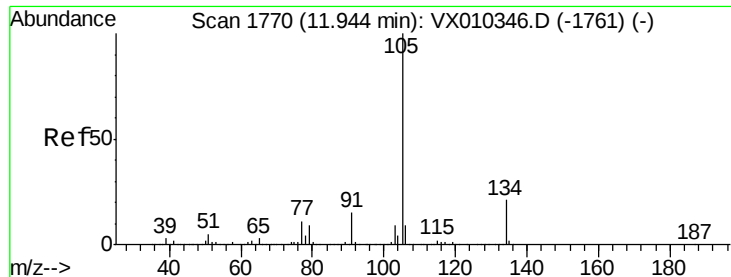
Tot Ion:119 Resp: 2341
Ion Ratio Lower Upper
119 100
91 61.6 27.6 82.7
134 22.3 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 7.536 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010445.D
Acq: 25 Jun 2019 19:49

Tgt Ion:105 Resp: 72812
Ion Ratio Lower Upper
105 100
120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 0.888 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

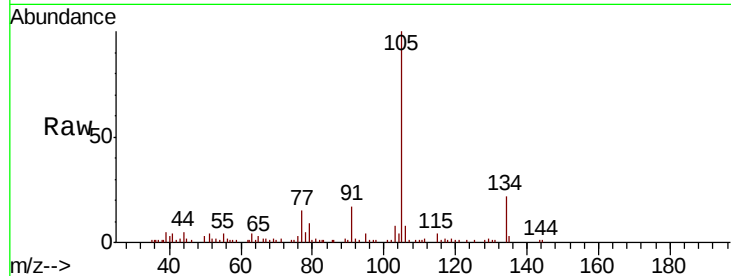
SP-19-JMW0882

Tot Ion:105 Resp: 10067

Ion Ratio Lower Upper

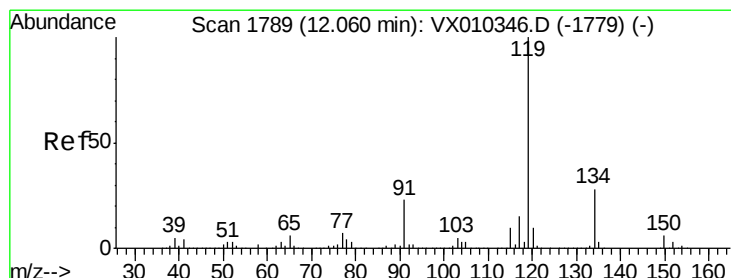
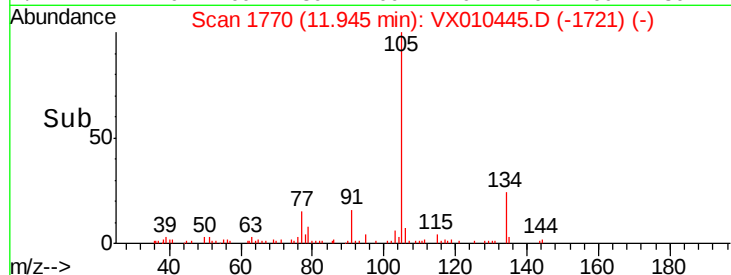
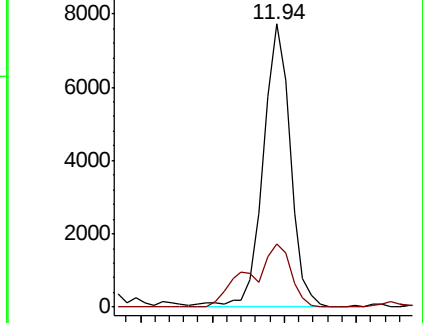
105 100

134 34.3 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.392 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

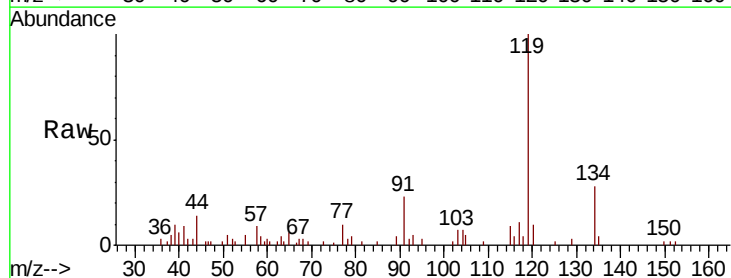
Tgt Ion:119 Resp: 4113

Ion Ratio Lower Upper

119 100

134 30.3 13.7 41.1

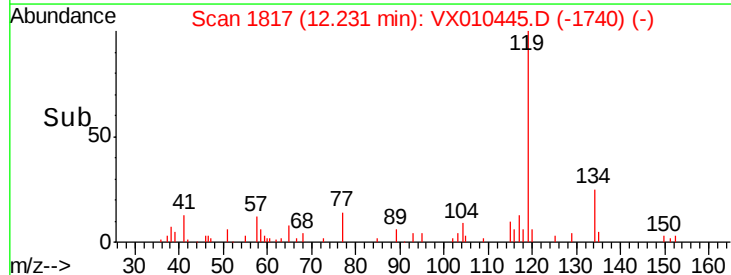
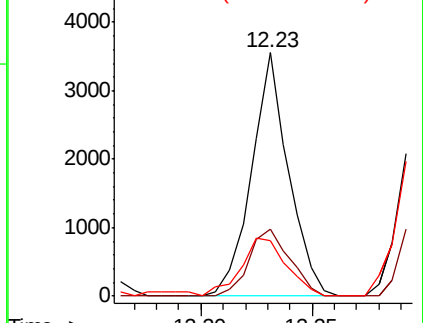
91 29.5 11.3 33.8

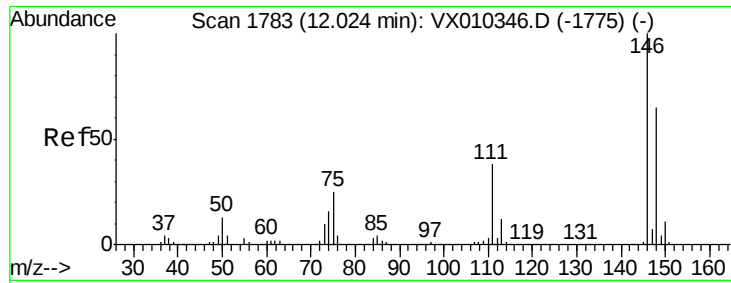


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

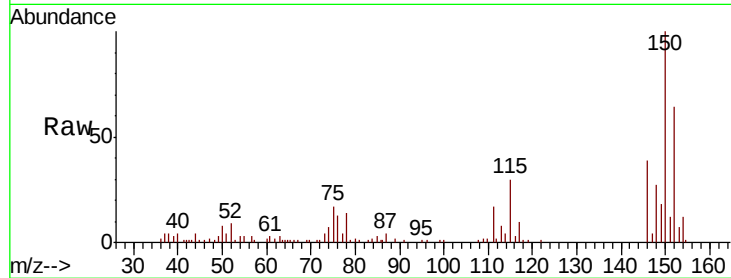




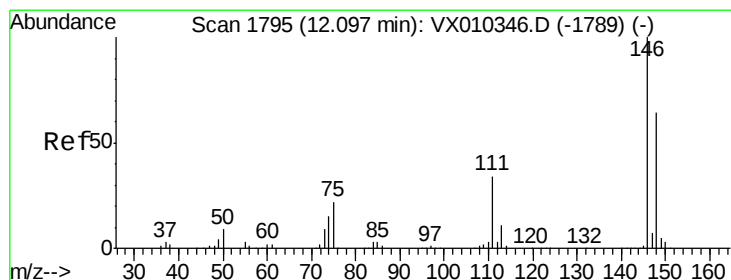
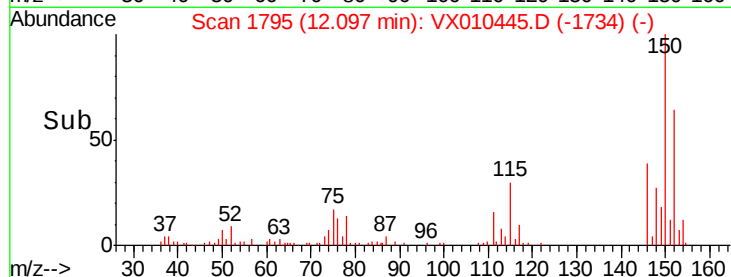
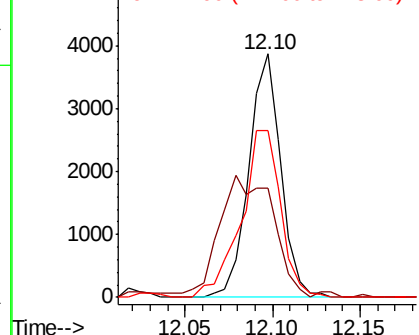
#87
 1,3-Dichlorobenzene
 Concen: 0.861 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.07 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-JMW0882

Tot Ion:146 Resp: 4896
 Ion Ratio Lower Upper
 146 100
 111 84.1 19.1 57.1#
 148 84.9 32.5 97.4

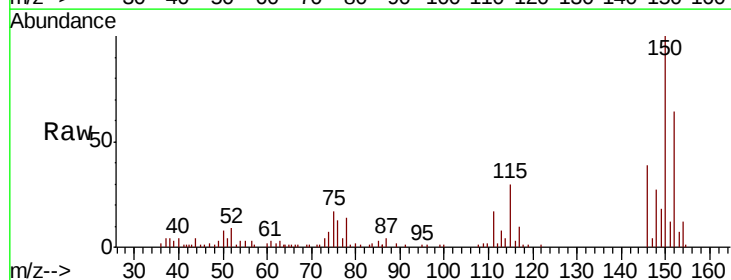


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

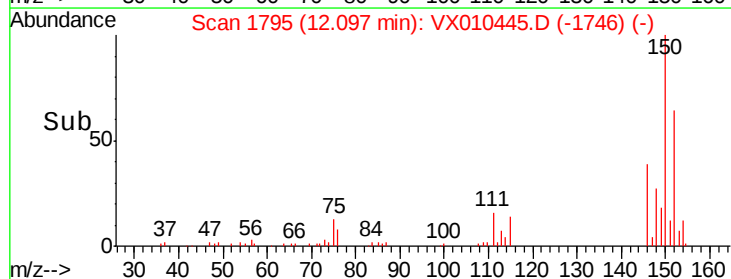
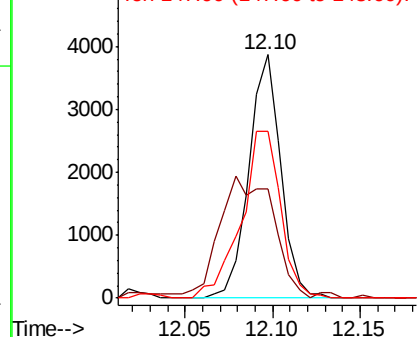


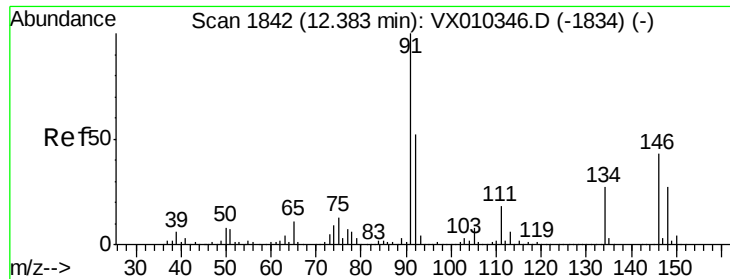
#88
 1,4-Dichlorobenzene
 Concen: 0.846 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

Tgt Ion:146 Resp: 4896
 Ion Ratio Lower Upper
 146 100
 111 84.1 18.1 54.3#
 148 84.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.415 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010445.D

Acq: 25 Jun 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

SP-19-JMW0882

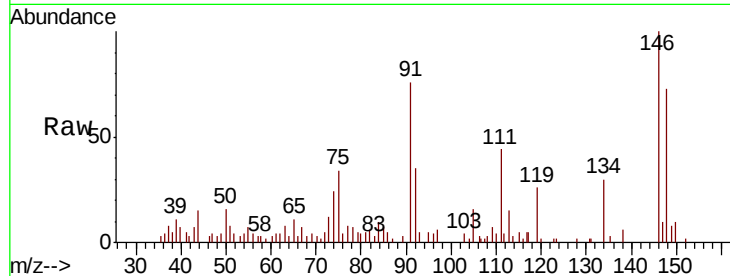
Tot Ion: 91 Resp: 3699

Ion Ratio Lower Upper

91 100

92 41.4 26.2 78.5

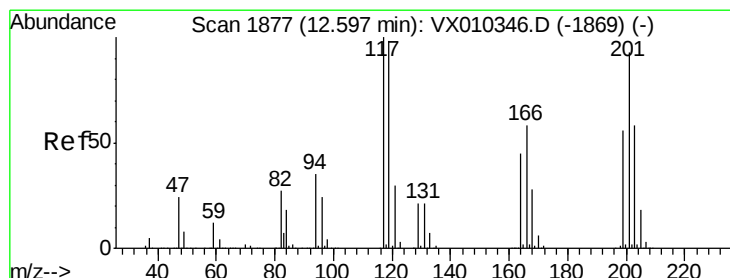
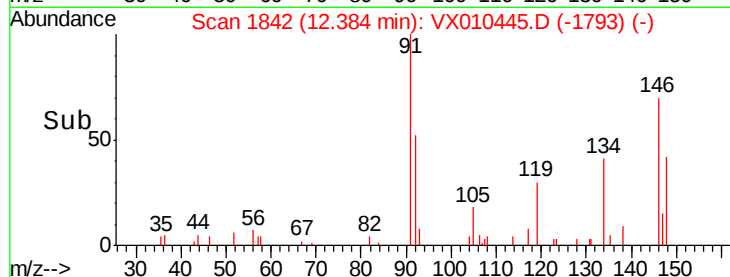
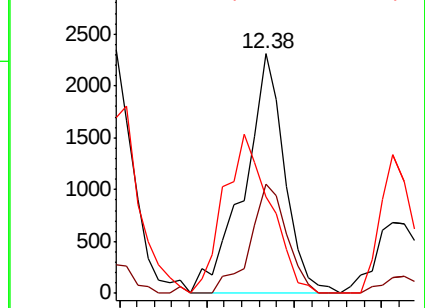
134 76.4 14.1 42.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.718 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010445.D

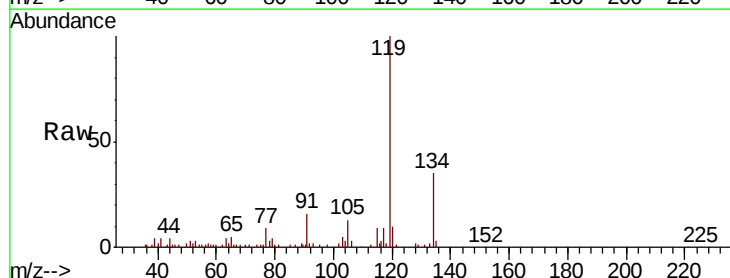
Acq: 25 Jun 2019 19:49

Tgt Ion: 117 Resp: 1301

Ion Ratio Lower Upper

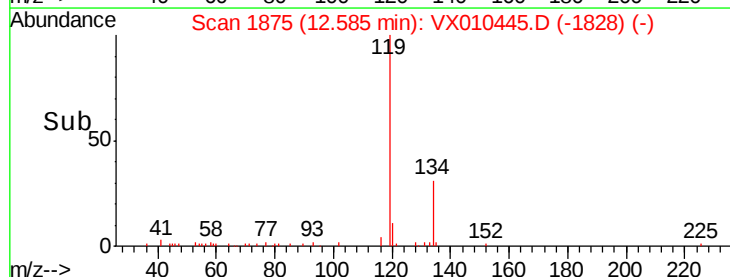
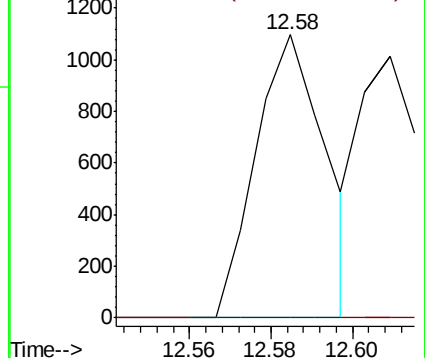
117 100

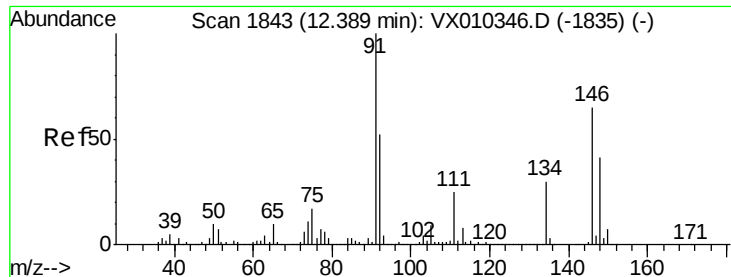
201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

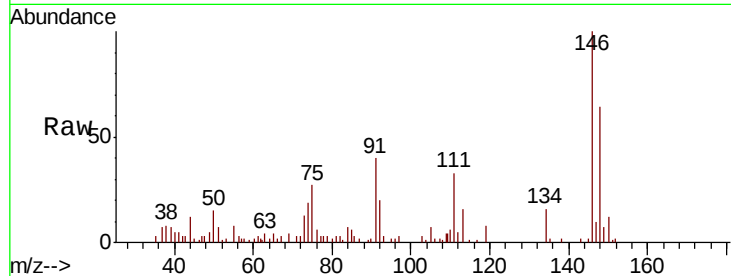




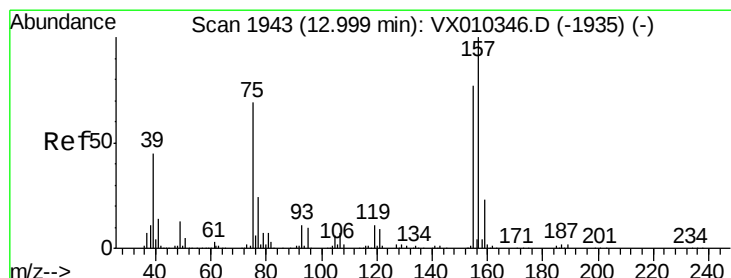
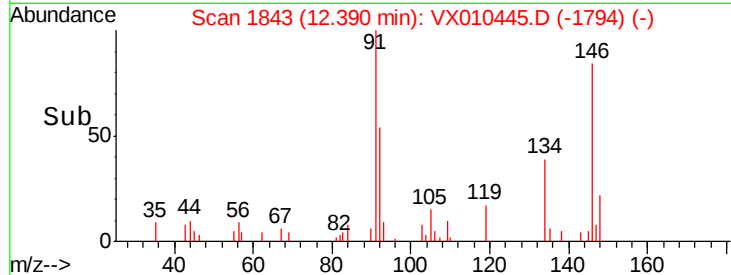
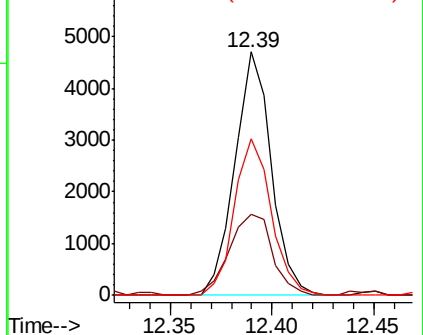
#91
 1,2-Dichlorobenzene
 Concen: 1.030 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-JMW0882

Tot Ion:146 Resp: 5818
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.2 57.6
 148 65.2 32.0 96.0

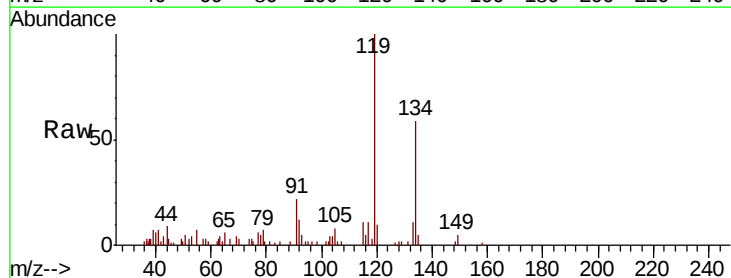


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

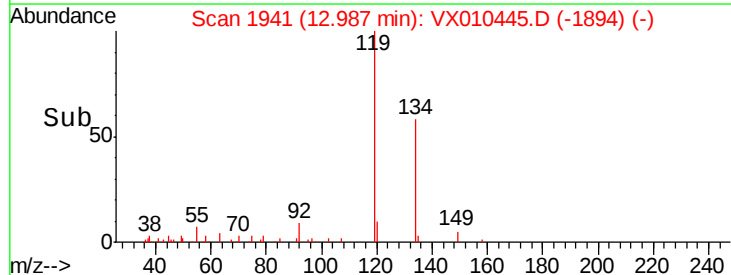
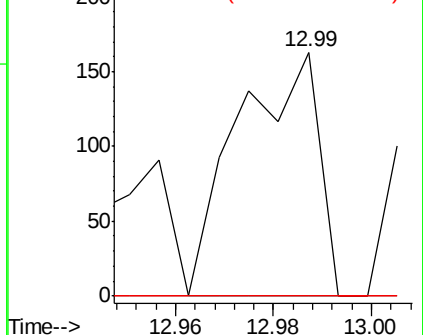


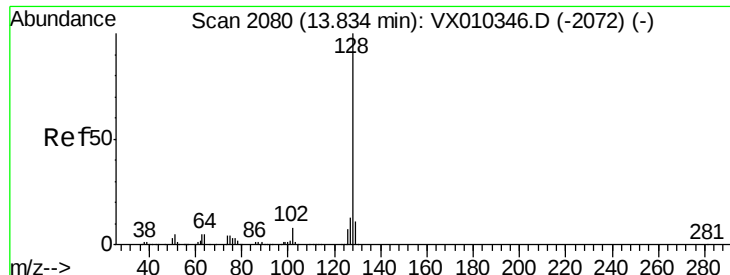
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.225 ug/l
 RT: 12.99 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: VX010445.D
 Acq: 25 Jun 2019 19:49

Tgt Ion: 75 Resp: 187
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.4 163.1#
 157 0.0 69.5 208.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 12.893 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010445.D
Acq: 25 Jun 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
SP-19-JMW0882

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.4	8.9	13.3

