

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010115.D
 Acq On : 07 Jun 2019 17:50
 Operator : JC/SP
 Sample : K3153-05ME
 Misc : 5.32g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-060519-CME

Quant Time: Jun 08 02:21:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	301079	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	457240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214489	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	142739	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
35) Dibromofluoromethane	5.50	113	142838	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	8.71	98	535257	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.14	95	207489	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	988	0.359	ug/l	98
5) Bromomethane	1.64	94	548	0.562	ug/l	97
6) Chloroethane	1.70	64	291	0.223	ug/l #	68
11) Tert butyl alcohol	3.01	59	1473	2.046	ug/l #	90
13) Acrolein	2.30	56	135	1.028	ug/l #	1
17) Carbon Disulfide	2.53	76	2162	0.277	ug/l #	95
18) Methyl Acetate	2.79	43	16169	5.319	ug/l #	82
20) Methylene Chloride	2.84	84	2209	0.728	ug/l #	73
36) 1,1-Dichloropropene	5.65	75	18713	5.016	ug/l #	52
38) Carbon Tetrachloride	5.65	117	26336	6.237	ug/l #	15
39) Methylcyclohexane	7.46	83	1513	0.298	ug/l #	58
49) 1,4-Dioxane	7.59	88	19	0.220	ug/l #	1
52) Toluene	8.78	92	2855	0.377	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	3589	1.156	ug/l #	20
59) 2-Hexanone	9.44	43	6170	1.996	ug/l #	33
67) Ethyl Benzene	10.25	91	22169	1.523	ug/l	97
68) m/p-Xylenes	10.35	106	40817	7.247	ug/l	89
69) o-Xylene	10.70	106	40068	7.157	ug/l	89
70) Styrene	10.69	104	2493	0.263	ug/l #	1
73) Isopropylbenzene	11.02	105	25242	1.686	ug/l	93
74) N-amyl acetate	10.91	43	46857	7.917	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	46618	9.096	ug/l #	25
76) 1,2,3-Trichloropropane	11.43	75	4995	1.164	ug/l #	1
78) n-propylbenzene	11.36	91	136934	8.215	ug/l	96
79) 2-Chlorotoluene	11.43	91	77173	7.709	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.51	105	364001	28.864	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	92471	47.622	ug/l #	17
82) 4-Chlorotoluene	11.51	91	40399	3.552	ug/l #	51
83) tert-Butylbenzene	11.81	119	132254	10.361	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.80	105	1079280	84.727	ug/l	95
85) sec-Butylbenzene	11.94	105	137133	9.222	ug/l #	74
86) p-Isopropyltoluene	12.07	119	116795	8.591	ug/l	97
89) n-Butylbenzene	12.38	91	408037	34.869	ug/l #	45
90) Hexachloroethane	12.58	117	43933	16.223	ug/l #	6

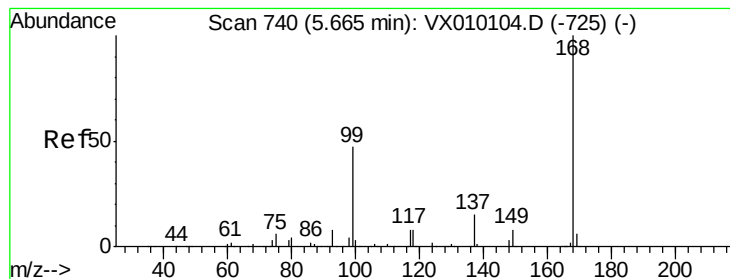
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060719\
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3378	2.801	ug/l #	39
93) 1,2,4-Trichlorobenzene	13.65	180	1150	0.223	ug/l #	1
95) Naphthalene	13.83	128	99642	6.133	ug/l #	78
96) 1,2,3-Trichlorobenzene	14.04	180	9295	1.821	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

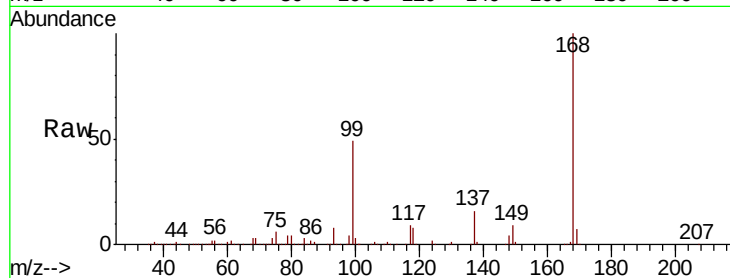
HR-05-060519-CME

Tot Ion:168 Resp: 301079

Ion Ratio Lower Upper

168 100

99 48.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

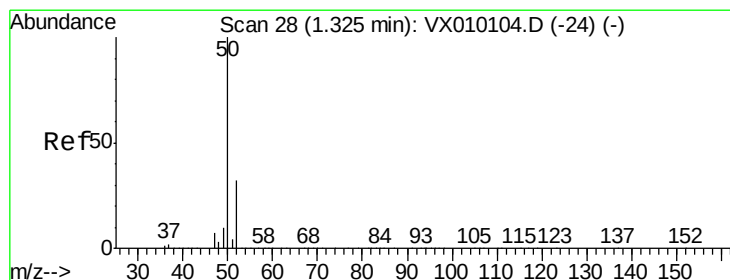
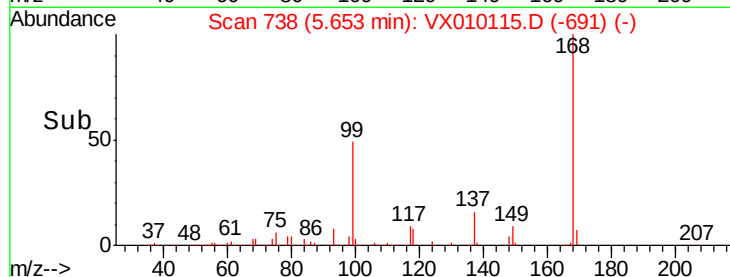
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.359 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010115.D

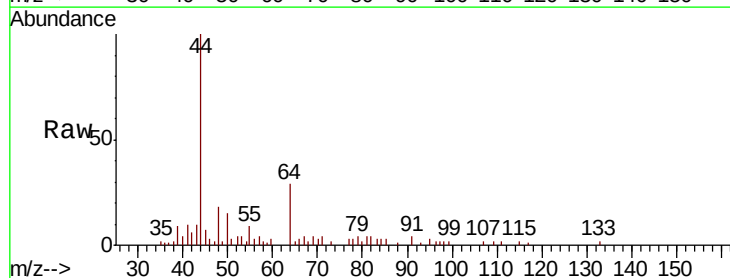
Acq: 07 Jun 2019 17:50

Tgt Ion: 50 Resp: 988

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

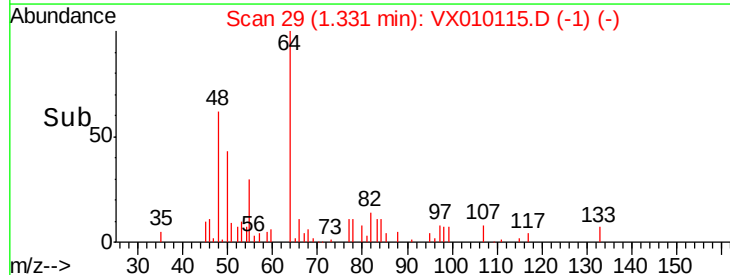
600

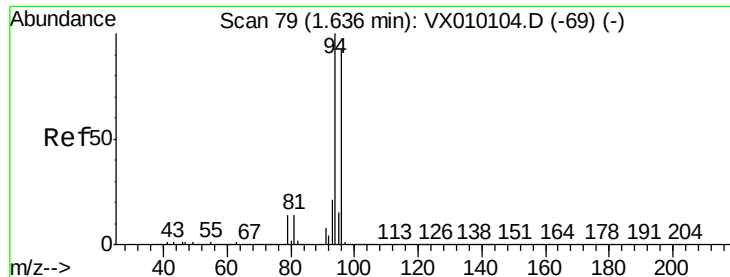
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.562 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

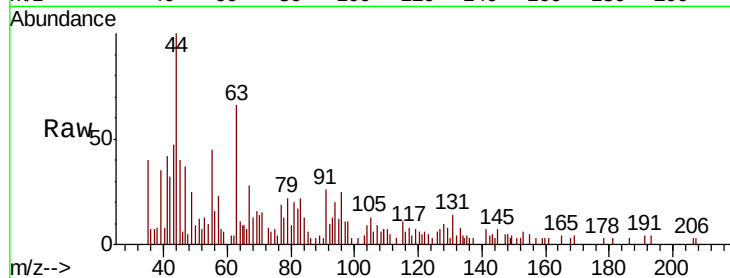
HR-05-060519-CME

Tot Ion: 94 Resp: 548

Ion Ratio Lower Upper

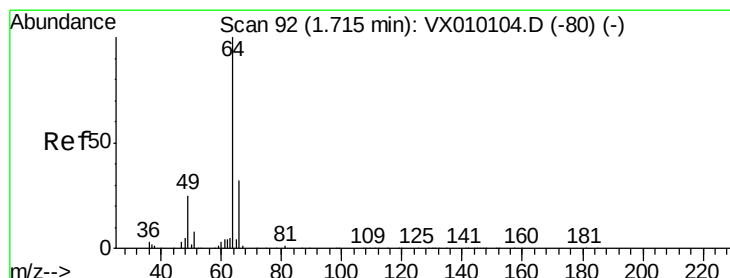
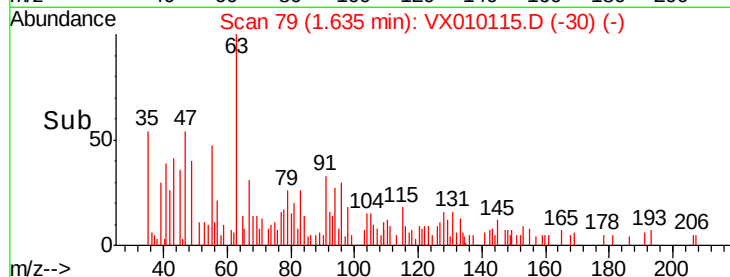
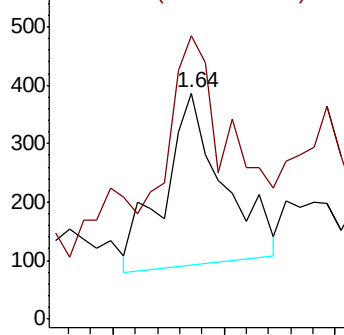
94 100

96 98.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.223 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX010115.D

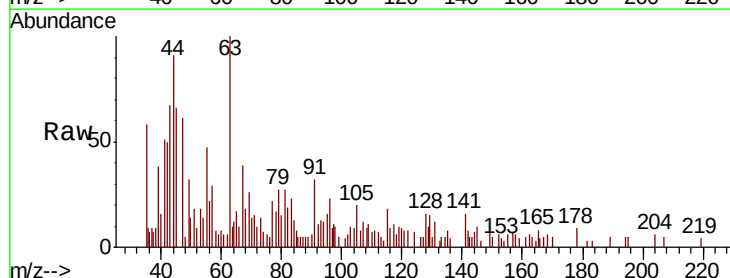
Acq: 07 Jun 2019 17:50

Tgt Ion: 64 Resp: 291

Ion Ratio Lower Upper

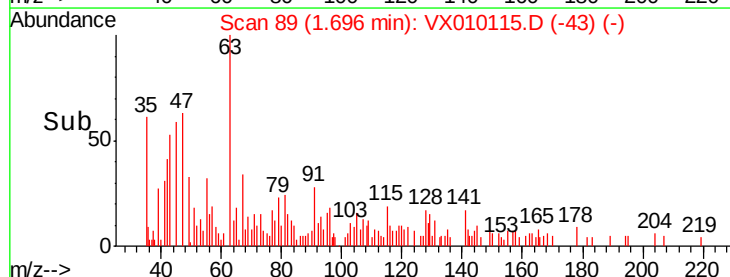
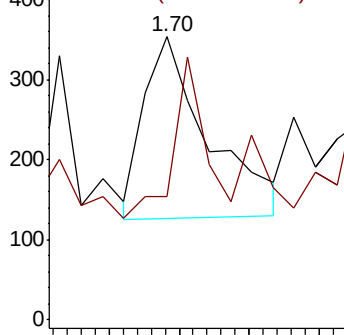
64 100

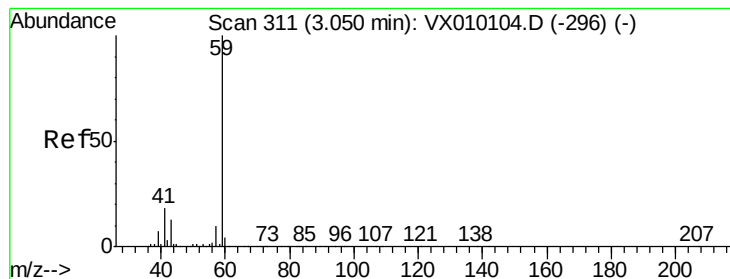
66 13.6 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



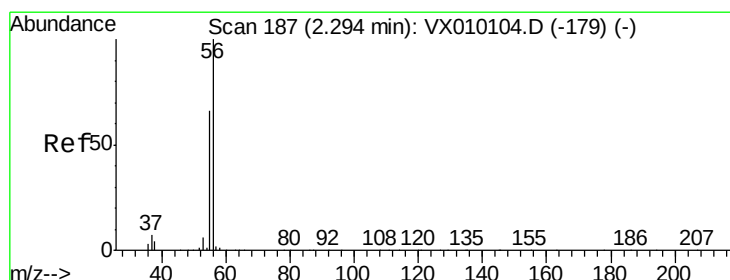
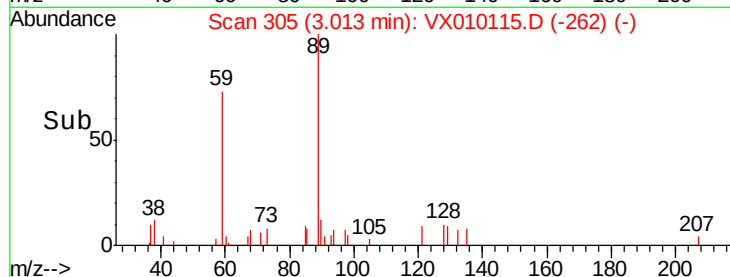
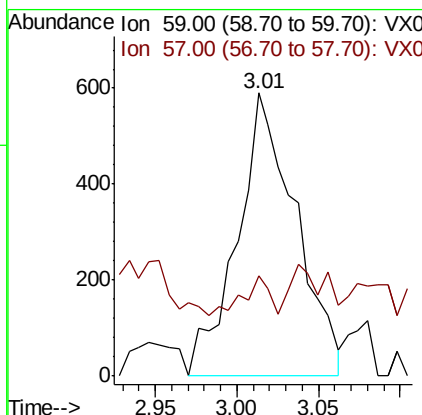
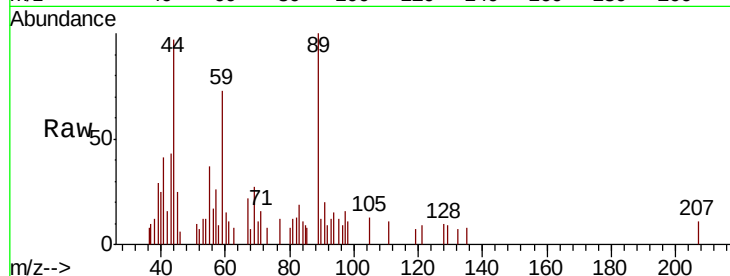


#11

Tert butyl alcohol
 Concen: 2.046 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.04 min
 Lab File: VX010115.D
 Acq: 07 Jun 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-060519-CME

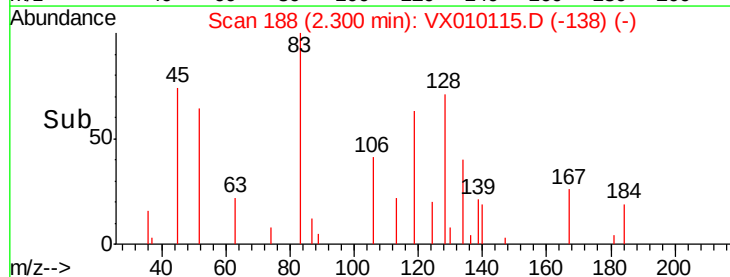
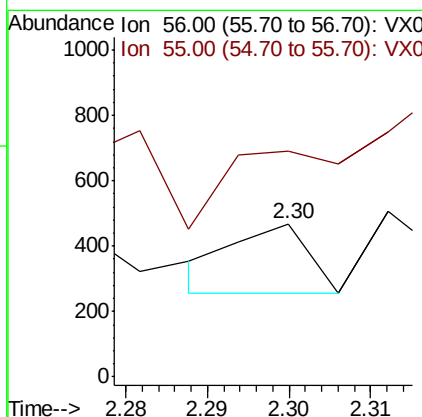
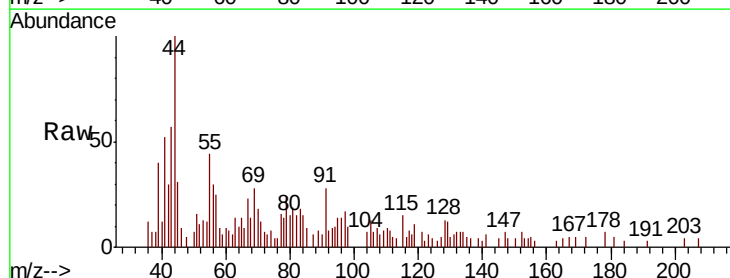
Tot Ion: 59 Resp: 1473
 Ion Ratio Lower Upper
 59 100
 57 6.3 8.2 12.2#

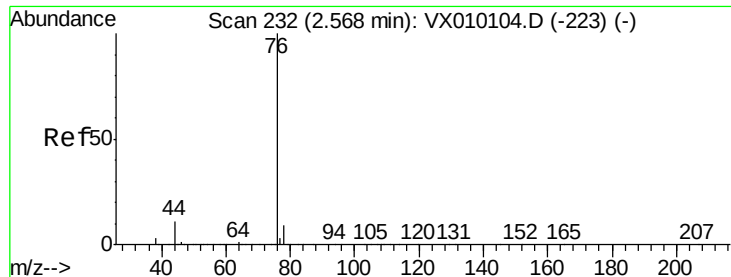


#13

Acrolein
 Concen: 1.028 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX010115.D
 Acq: 07 Jun 2019 17:50

Tgt Ion: 56 Resp: 135
 Ion Ratio Lower Upper
 56 100
 55 523.0 57.0 85.4#





#17

Carbon Disulfide

Concen: 0.277 ug/l

RT: 2.53 min Scan# 225

Delta R.T. -0.04 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

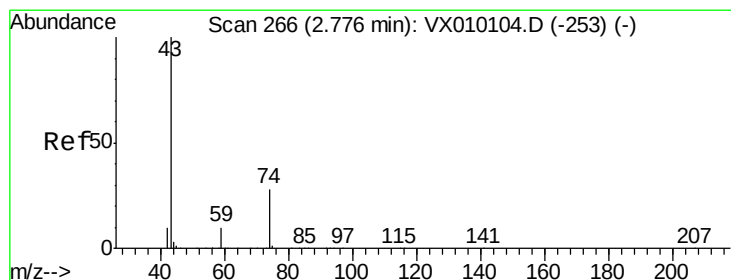
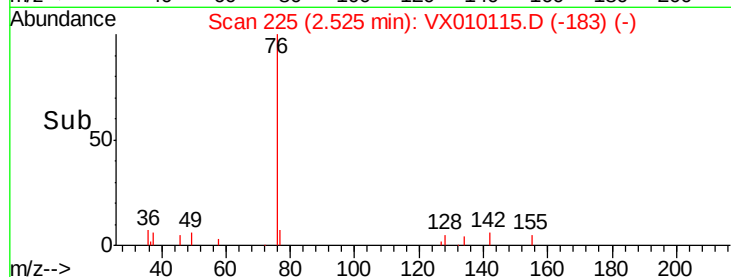
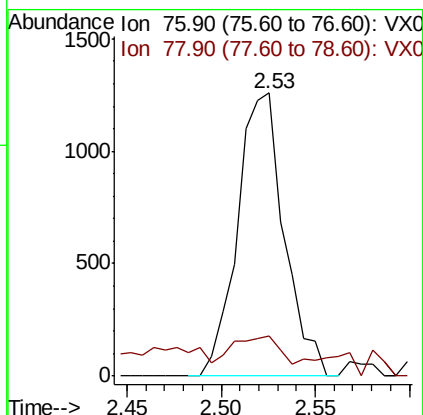
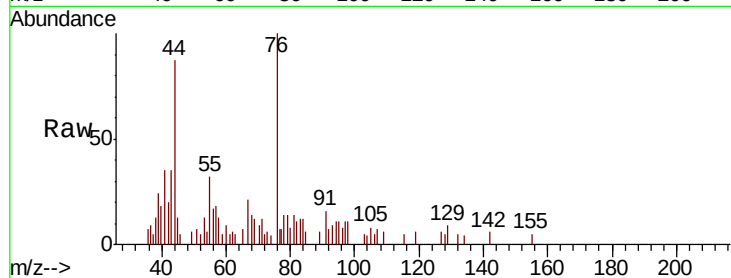
HR-05-060519-CME

Tot Ion: 76 Resp: 2162

Ion Ratio Lower Upper

76 100

78 6.9 7.0 10.6#



#18

Methyl Acetate

Concen: 5.319 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.02 min

Lab File: VX010115.D

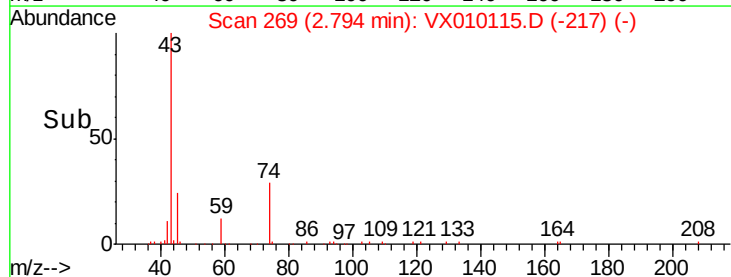
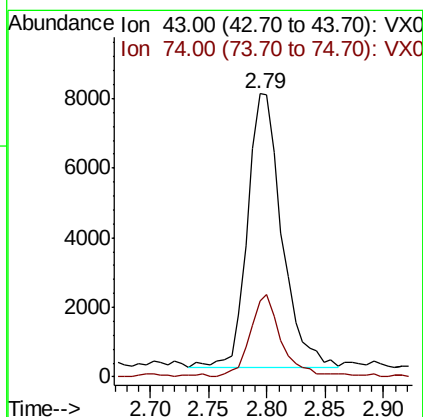
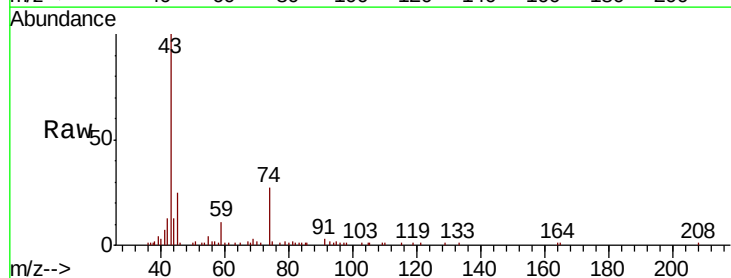
Acq: 07 Jun 2019 17:50

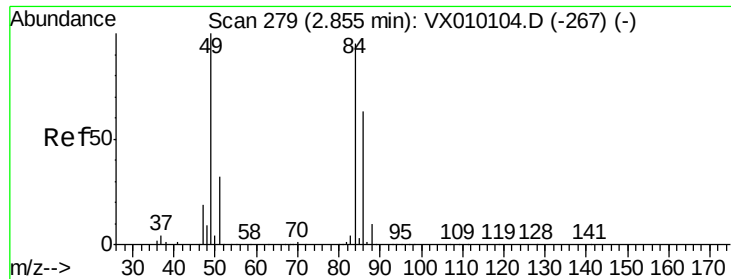
Tgt Ion: 43 Resp: 16169

Ion Ratio Lower Upper

43 100

74 28.0 15.8 23.6#

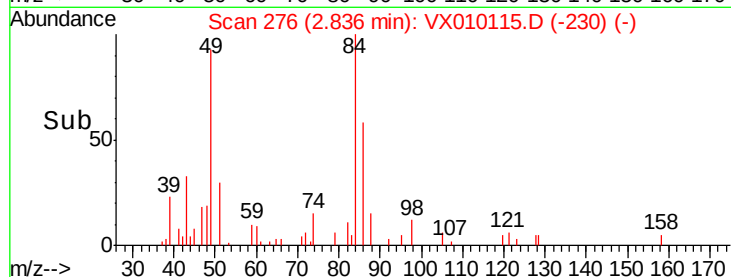
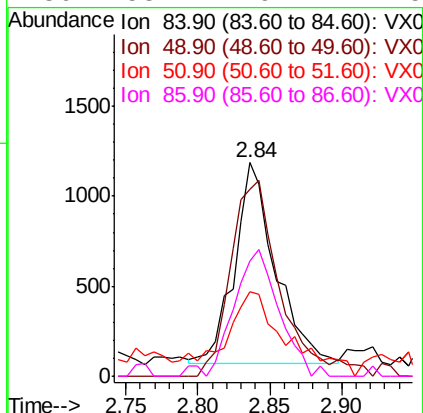
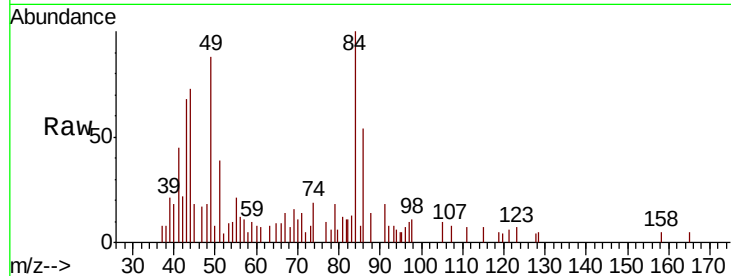




#20
Methvlene Chloride
Concen: 0.728 ug/l
RT: 2.84 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

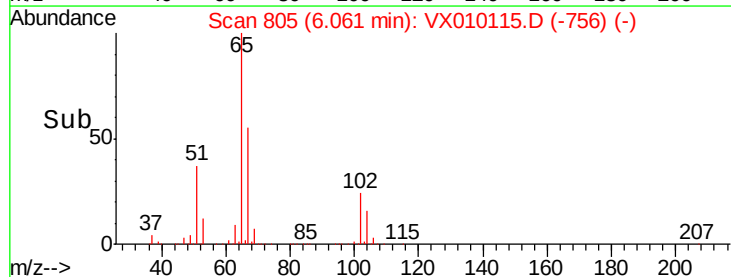
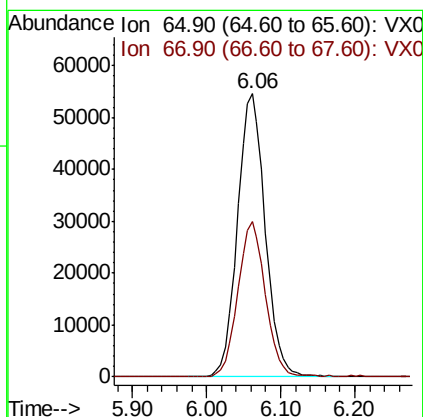
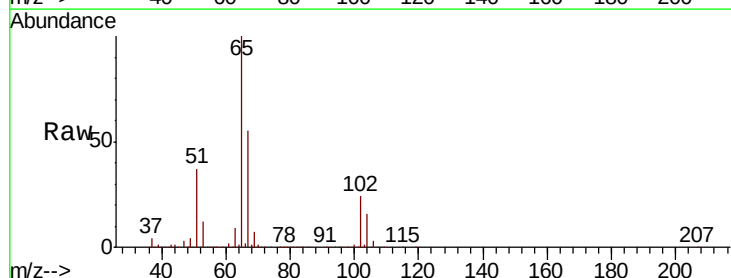
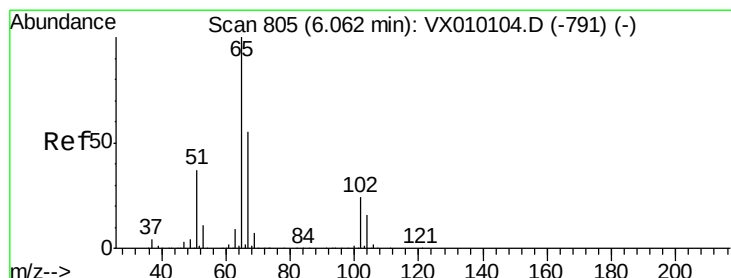
Instrument :
MSVOA_X
ClientSampleId :
HR-05-060519-CME

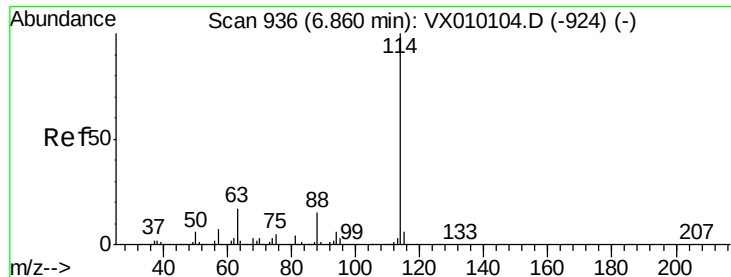
Tot Ion: 84 Resp: 2209
Ion Ratio Lower Upper
84 100
49 94.4 115.8 173.6#
51 34.2 34.4 51.6#
86 58.1 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 48.569 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

Tgt Ion: 65 Resp: 142739
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

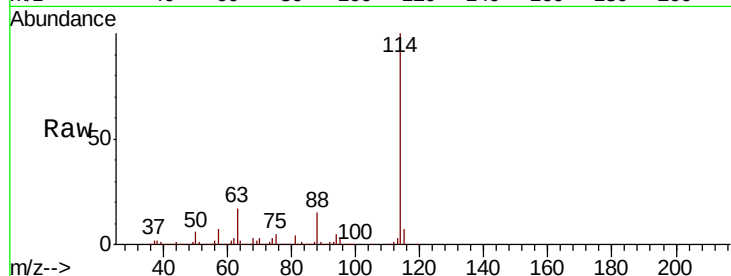
Tot Ion:114 Resp: 457240

Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

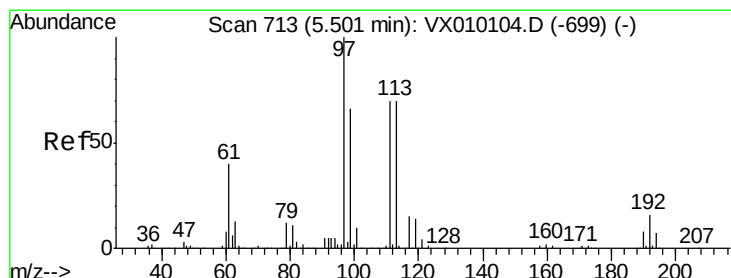
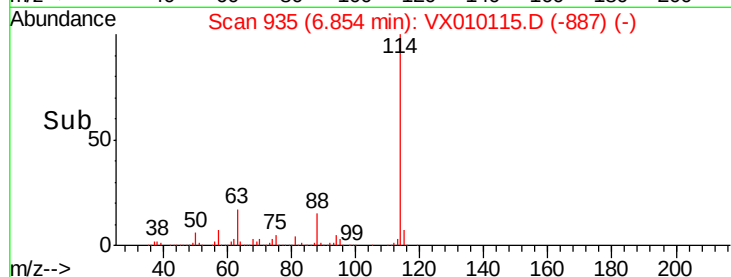
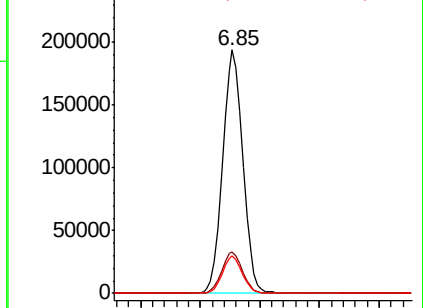
88 15.2 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.645 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

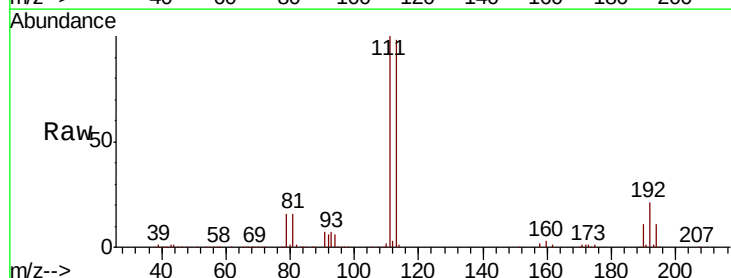
Tgt Ion:113 Resp: 142838

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

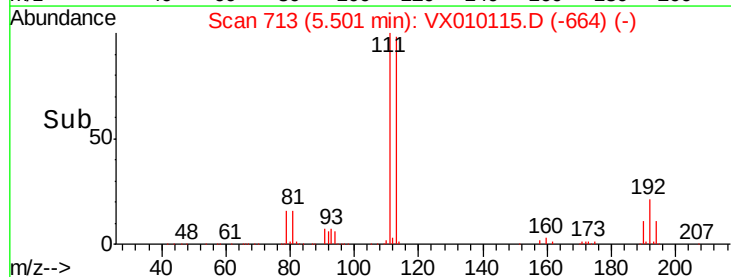
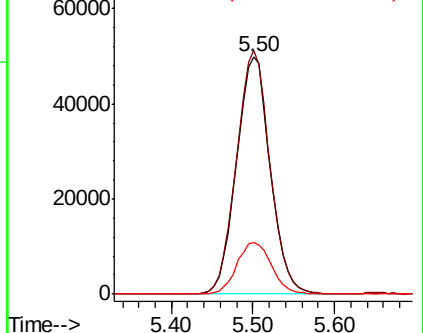
192 22.4 17.1 25.7

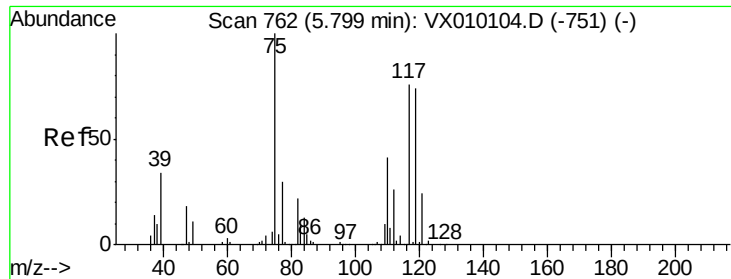


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.016 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

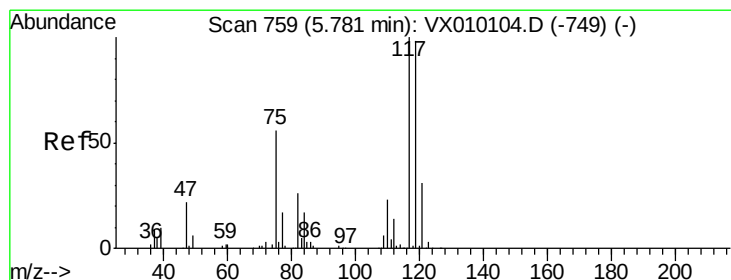
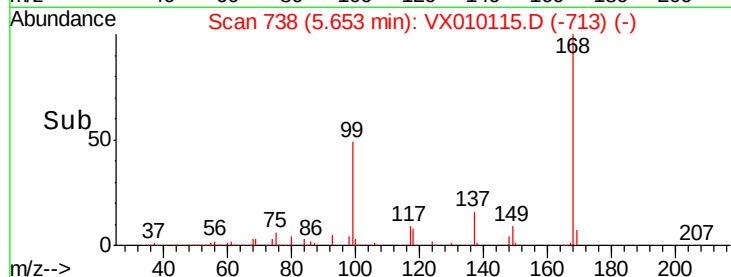
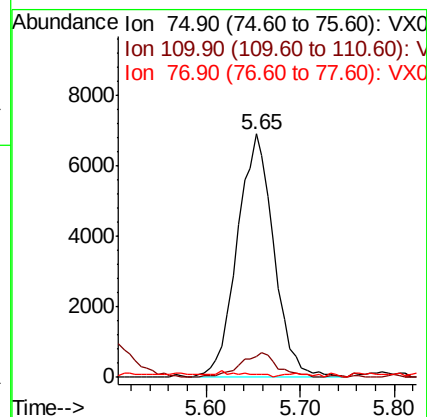
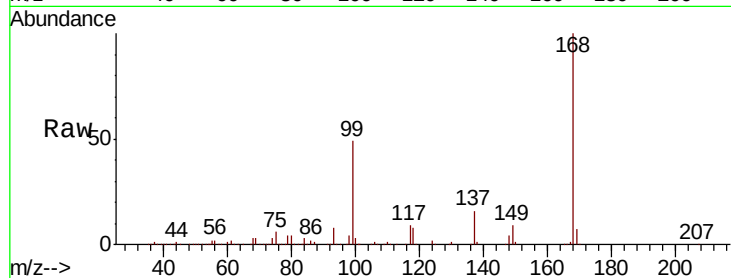
Tot Ion: 75 Resp: 18713

Ion Ratio Lower Upper

75 100

110 10.4 16.7 50.1#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.237 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

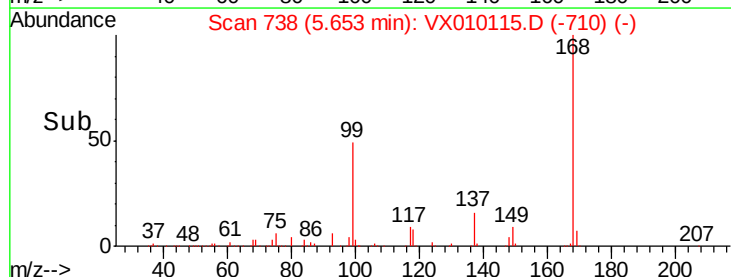
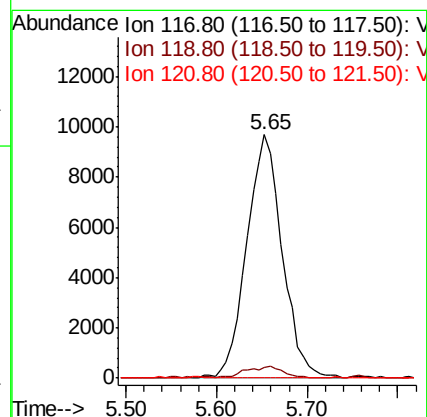
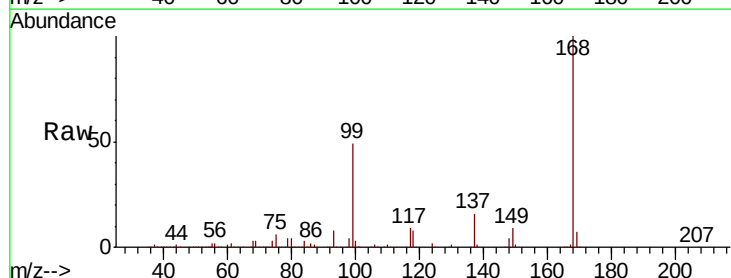
Tgt Ion: 117 Resp: 26336

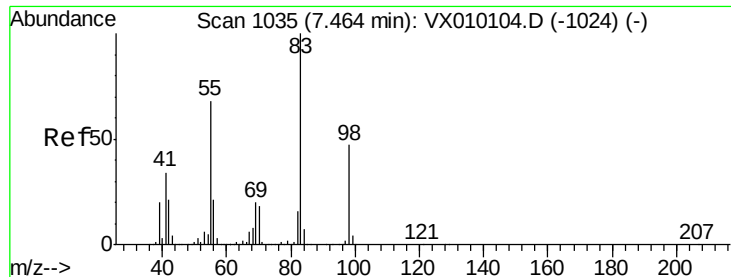
Ion Ratio Lower Upper

117 100

119 4.2 77.3 115.9#

121 0.0 25.4 38.0#





#39

Methylcyclohexane

Concen: 0.298 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

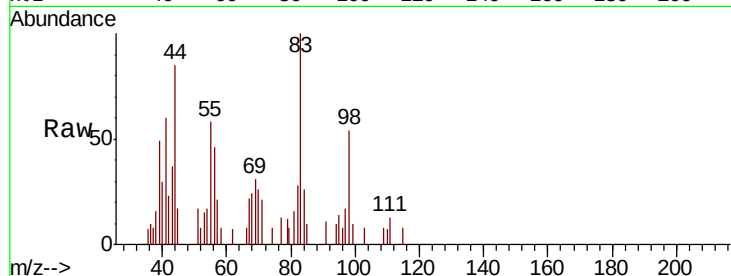
Tot Ion: 83 Resp: 1513

Ion Ratio Lower Upper

83 100

55 31.1 69.9 104.9#

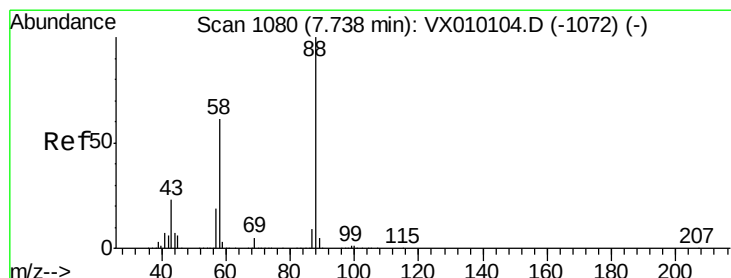
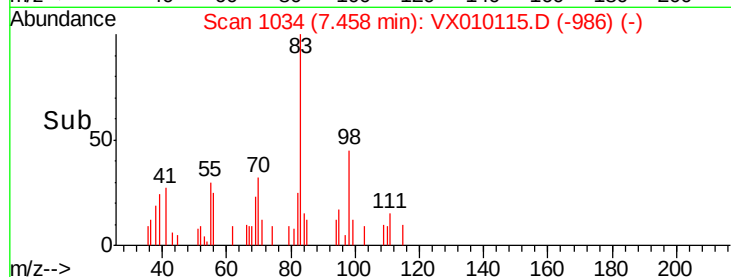
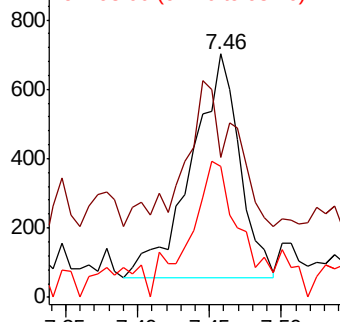
98 47.3 35.1 52.7



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



#49

1,4-Dioxane

Concen: 0.220 ug/l

RT: 7.59 min Scan# 1055

Delta R.T. -0.15 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

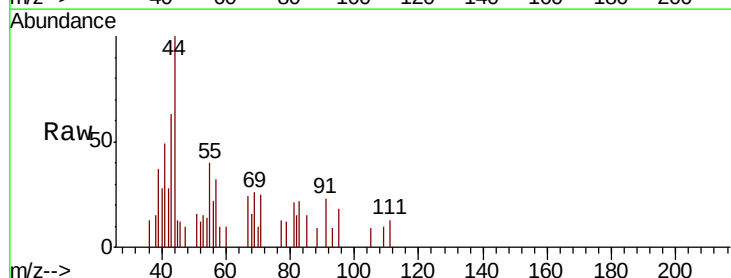
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 936.8 30.2 45.4#

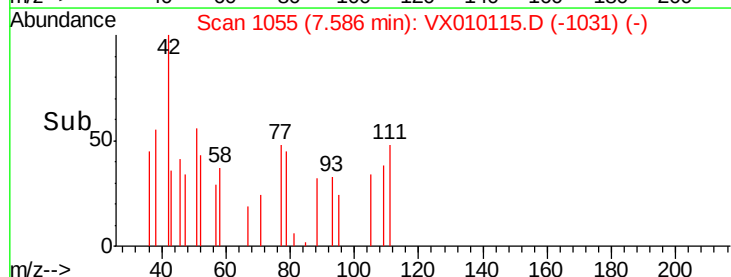
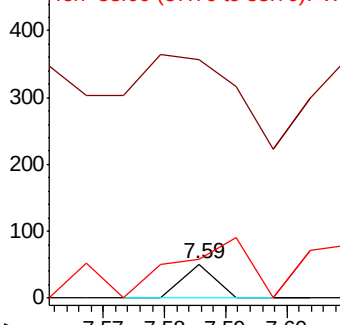
58 384.2 64.0 96.0#

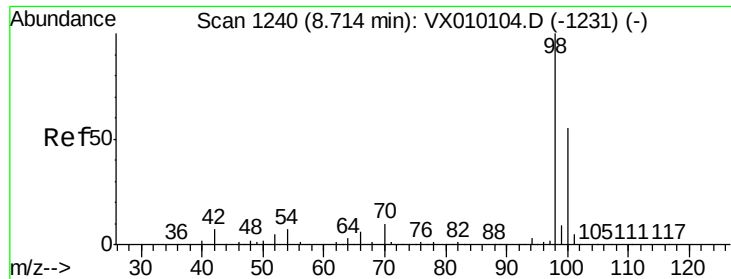


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

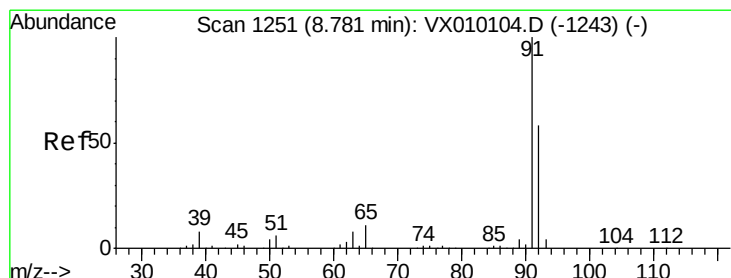
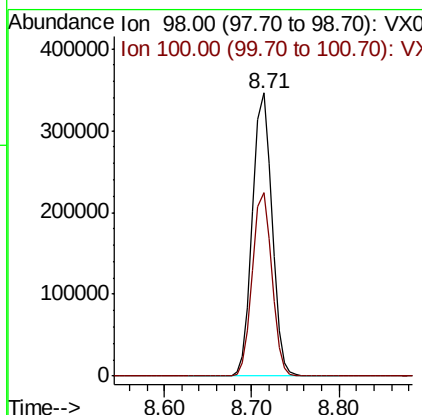
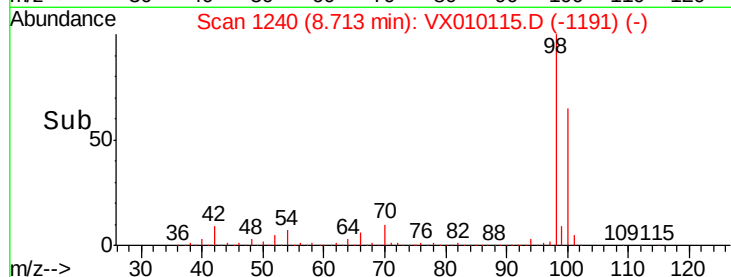
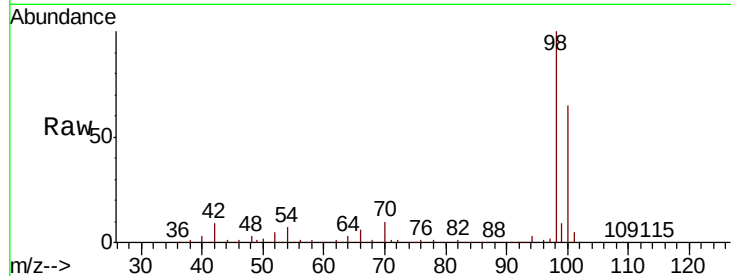




#50
Toluene-d8
Concen: 50.638 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

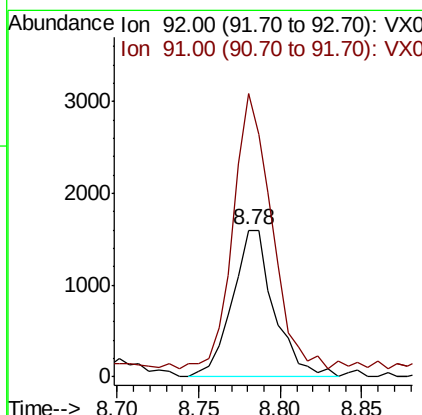
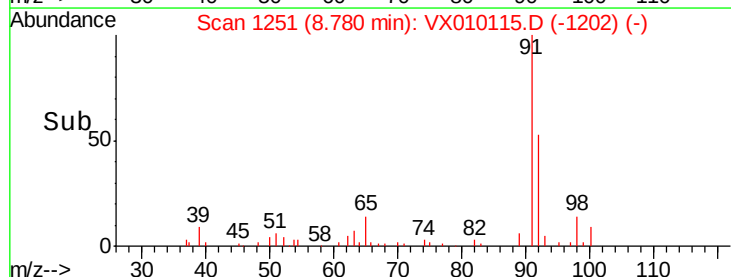
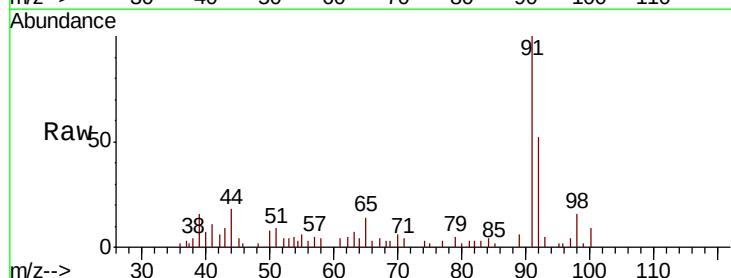
Instrument :
MSVOA_X
ClientSampleId :
HR-05-060519-CME

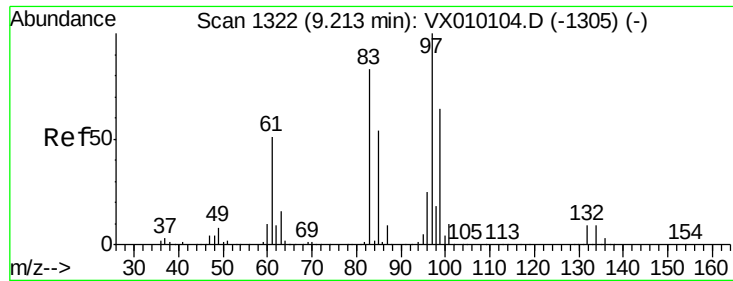
Tot Ion: 98 Resp: 535257
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#52
Toluene
Concen: 0.377 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

Tgt Ion: 92 Resp: 2855
Ion Ratio Lower Upper
92 100
91 172.2 139.9 209.9

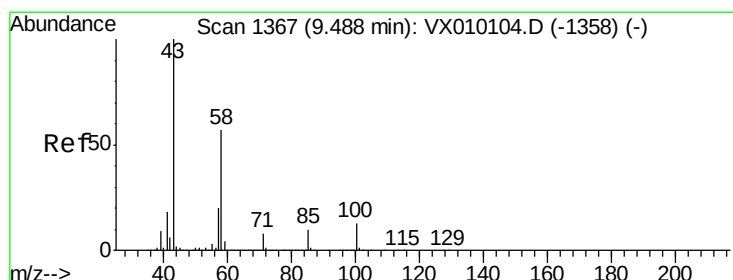
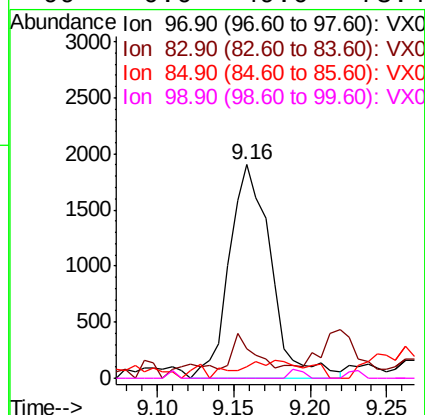
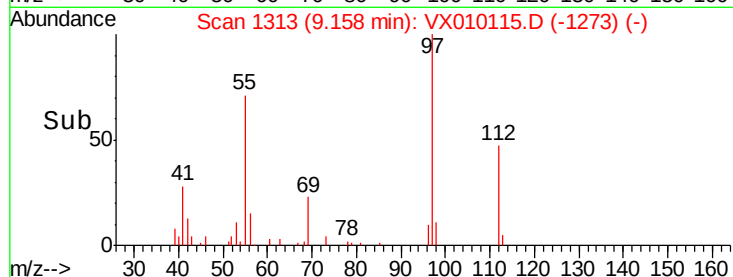
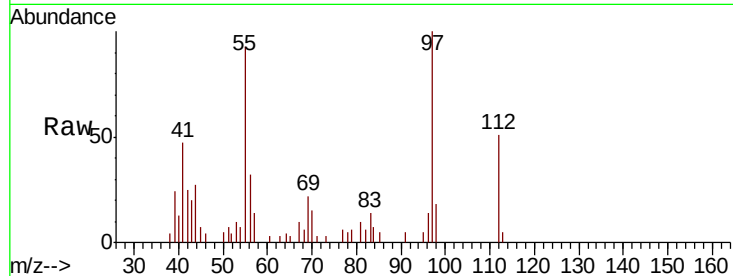




#55
 1,1,2-Trichloroethane
 Concen: 1.156 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.06 min
 Lab File: VX010115.D
 Acq: 07 Jun 2019 17:50

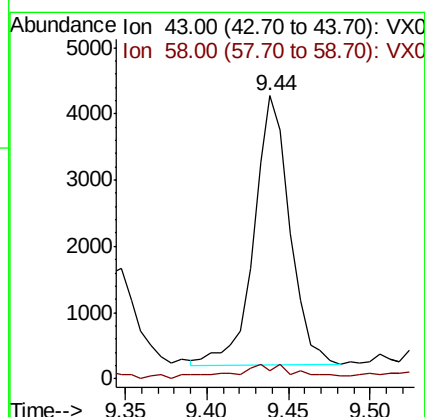
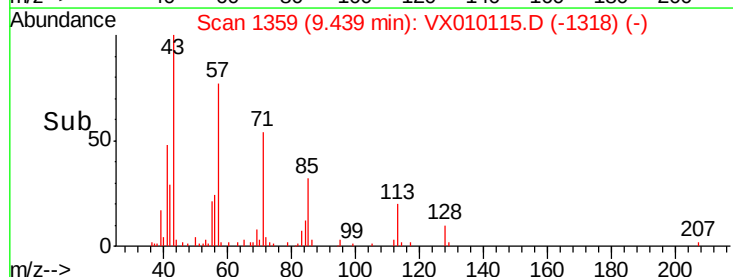
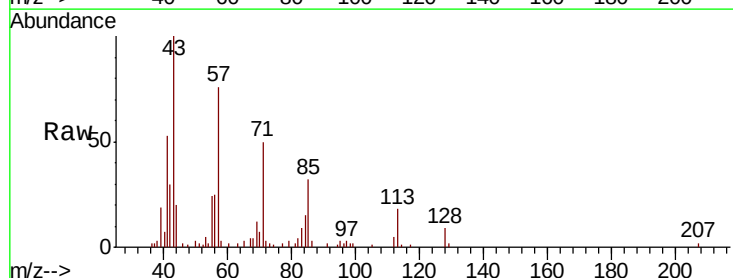
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-060519-CME

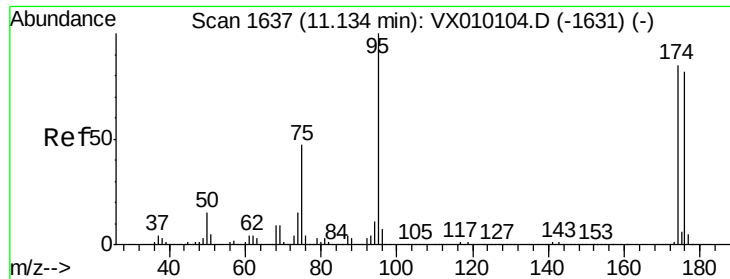
Tot Ion: 97 Resp: 3589
 Ion Ratio Lower Upper
 97 100
 83 7.0 69.8 104.8#
 85 5.3 45.3 67.9#
 99 0.0 49.0 73.4#



#59
 2-Hexanone
 Concen: 1.996 ug/l
 RT: 9.44 min Scan# 1359
 Delta R.T. -0.05 min
 Lab File: VX010115.D
 Acq: 07 Jun 2019 17:50

Tgt Ion: 43 Resp: 6170
 Ion Ratio Lower Upper
 43 100
 58 4.1 25.1 75.3#





#62

4-Bromofluorobenzene

Concen: 52.561 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

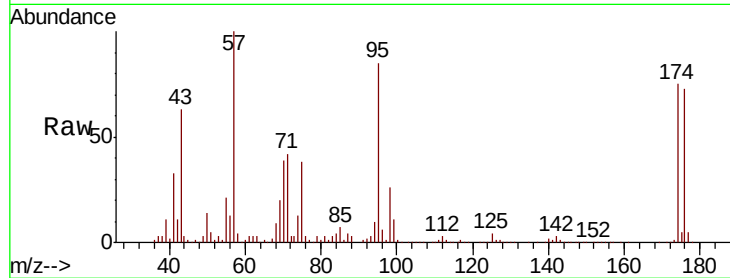
Tot Ion: 95 Resp: 207489

Ion Ratio Lower Upper

95 100

174 85.7 0.0 160.4

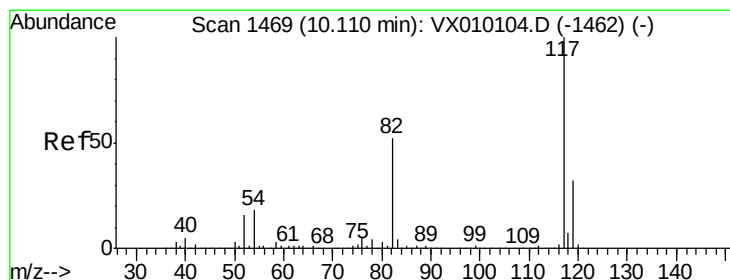
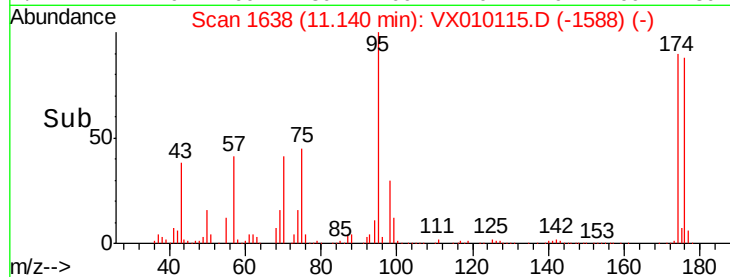
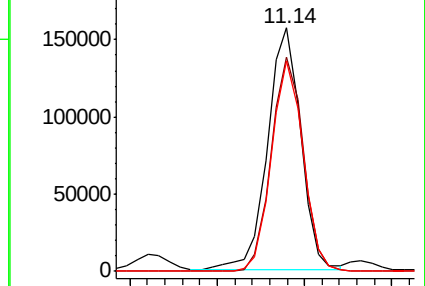
176 83.0 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

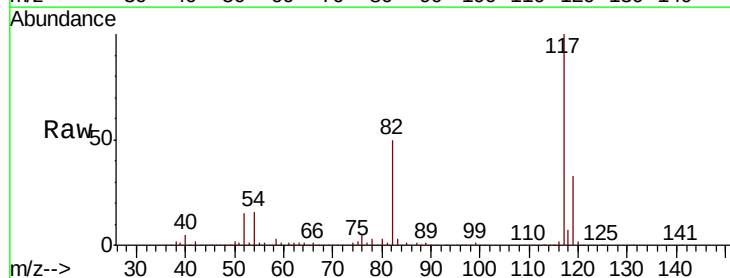
Tgt Ion: 117 Resp: 414234

Ion Ratio Lower Upper

117 100

82 49.8 49.2 73.8

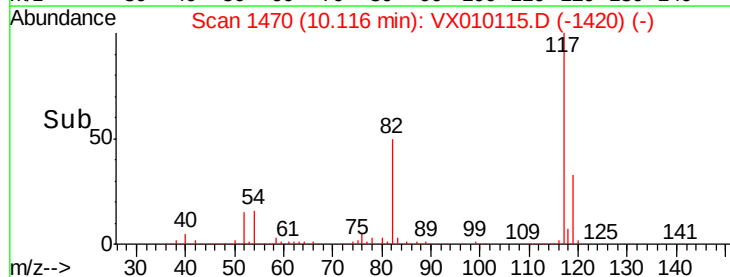
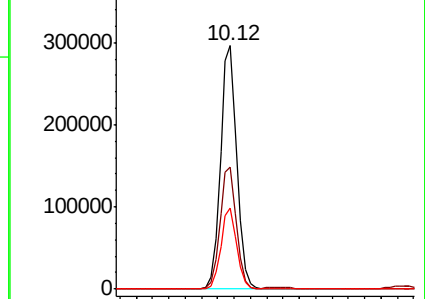
119 33.3 25.2 37.8

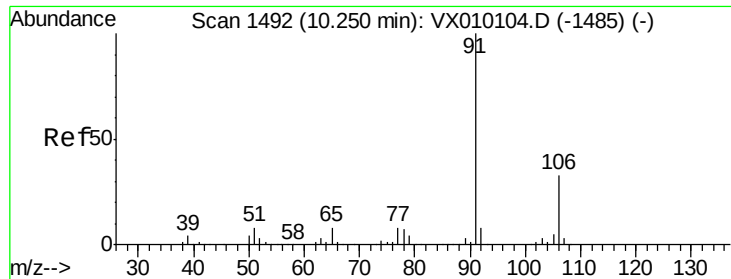


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)





#67

Ethyl Benzene

Concen: 1.523 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

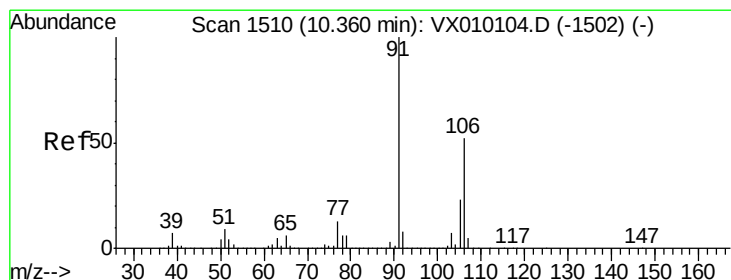
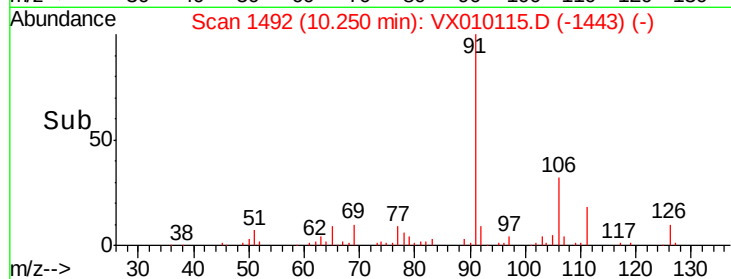
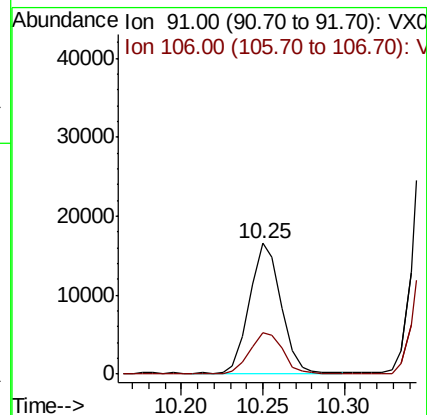
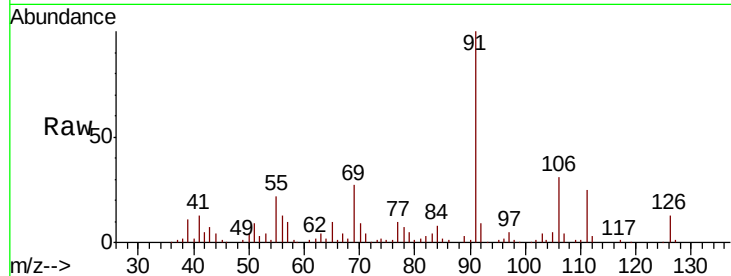
HR-05-060519-CME

Tot Ion: 91 Resp: 22169

Ion Ratio Lower Upper

91 100

106 31.8 23.9 35.9



#68

m/p-Xylenes

Concen: 7.247 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010115.D

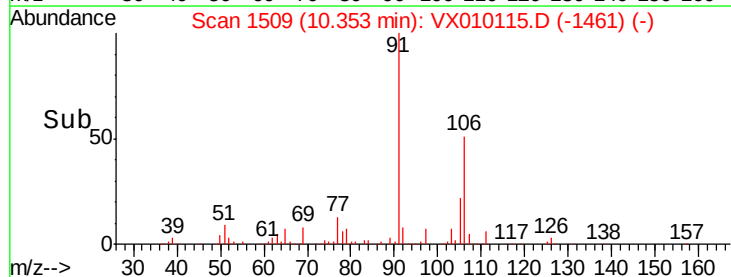
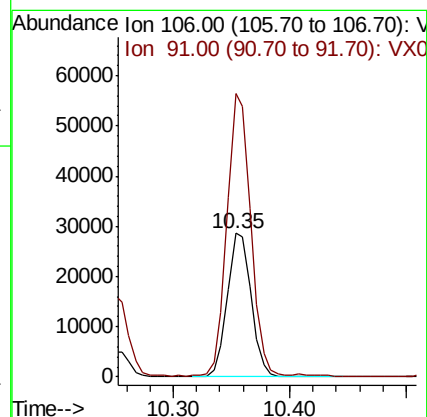
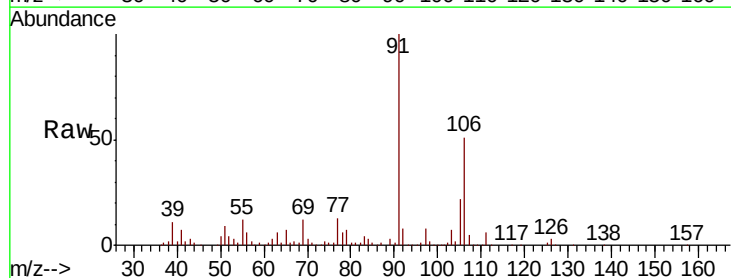
Acq: 07 Jun 2019 17:50

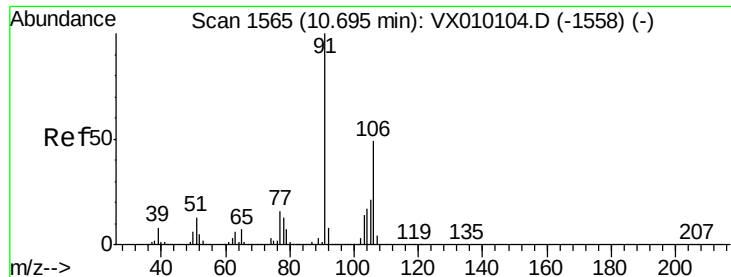
Tgt Ion: 106 Resp: 40817

Ion Ratio Lower Upper

106 100

91 192.7 167.3 250.9

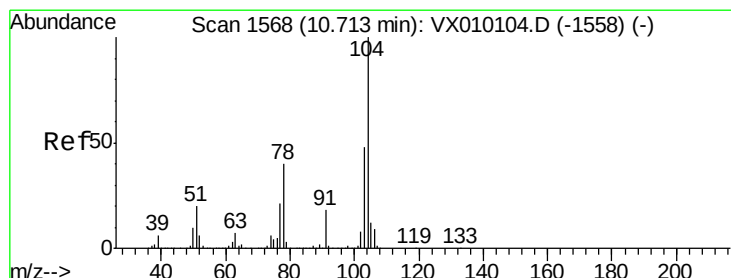
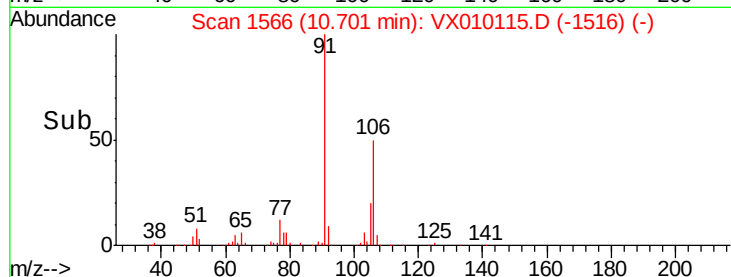
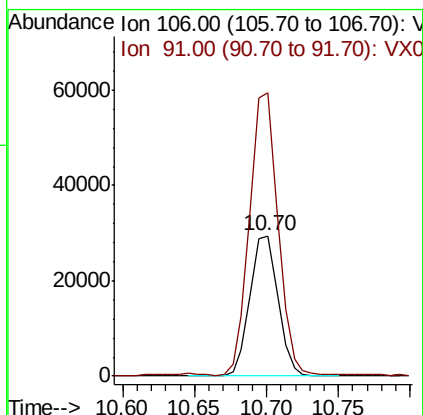
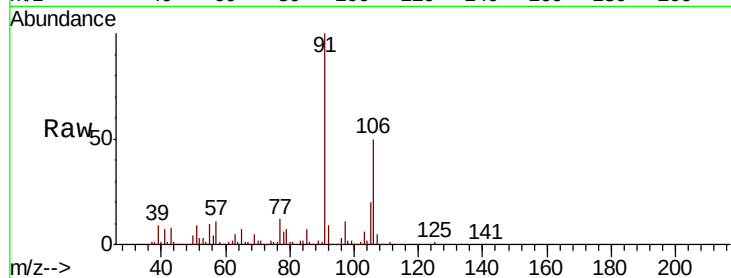




#69
o-Xylene
Concen: 7.157 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

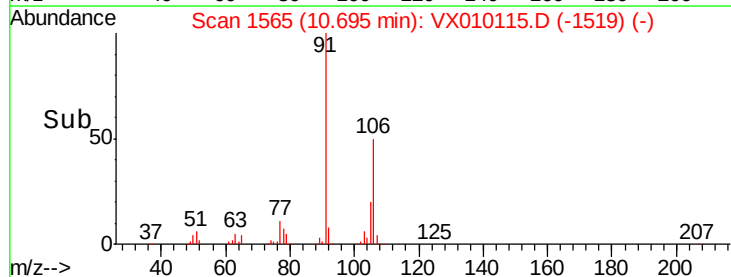
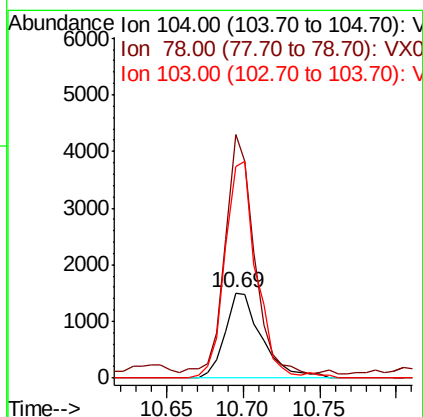
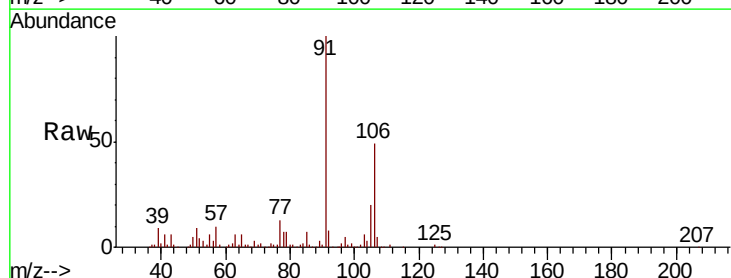
Instrument :
MSVOA_X
ClientSampleId :
HR-05-060519-CME

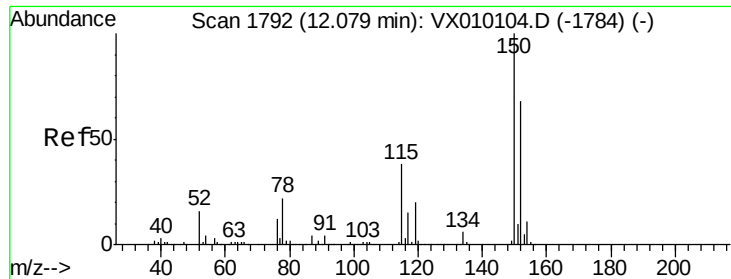
Tot Ion:106 Resp: 40068
Ion Ratio Lower Upper
106 100
91 202.3 110.4 331.2



#70
Styrene
Concen: 0.263 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

Tgt Ion:104 Resp: 2493
Ion Ratio Lower Upper
104 100
78 220.9 42.1 63.1#
103 217.7 44.1 66.1#



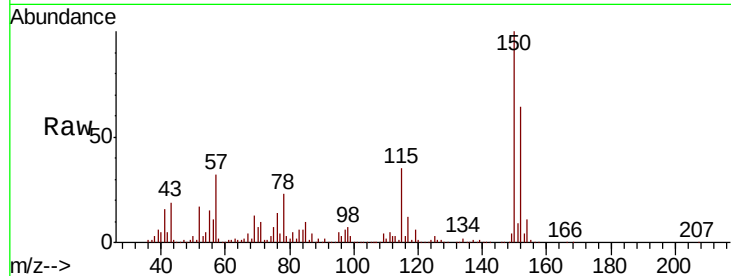


#72

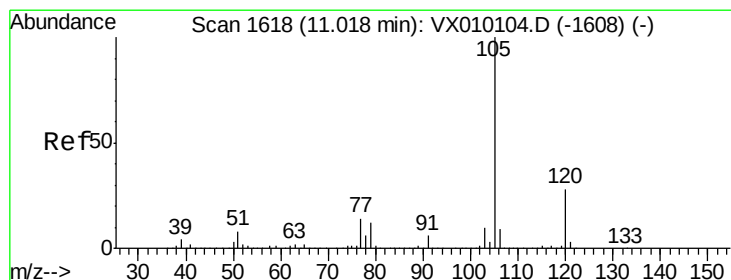
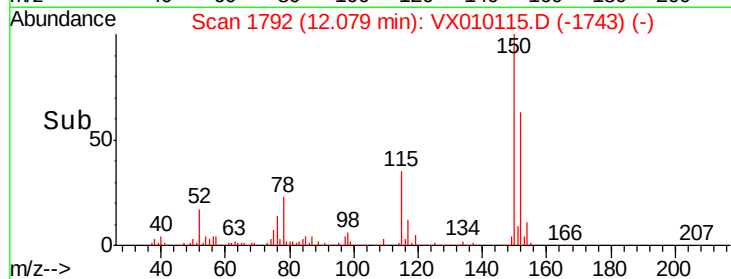
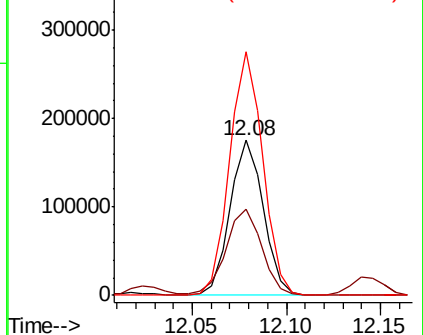
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
HR-05-060519-CME

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	41.4	124.2
150	156.6	0.0	345.2



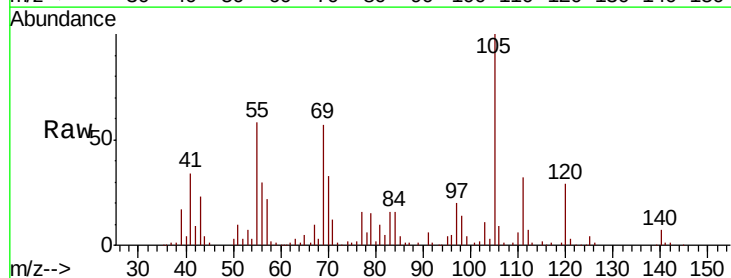
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



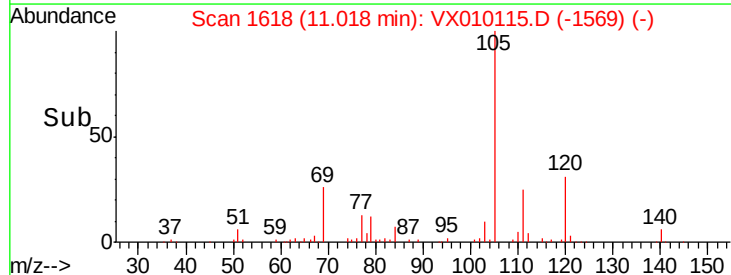
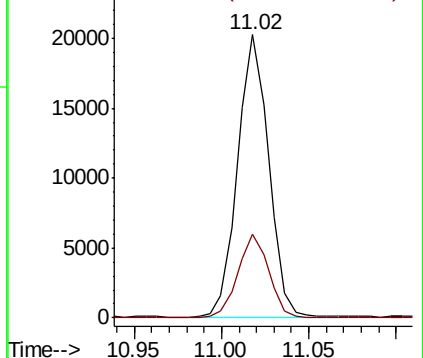
#73

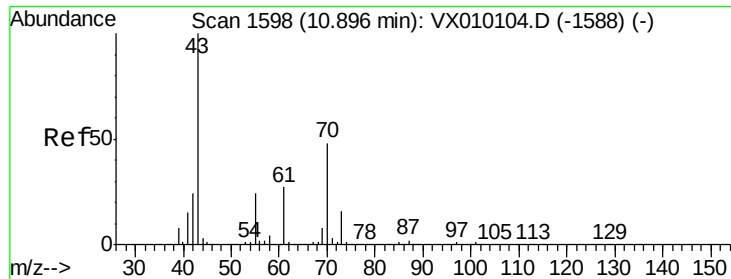
Isopropylbenzene
Concen: 1.686 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.1	12.8	38.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 7.917 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

Tot Ion: 43 Resp: 46857

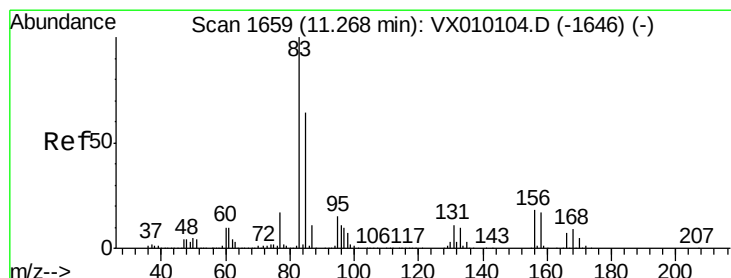
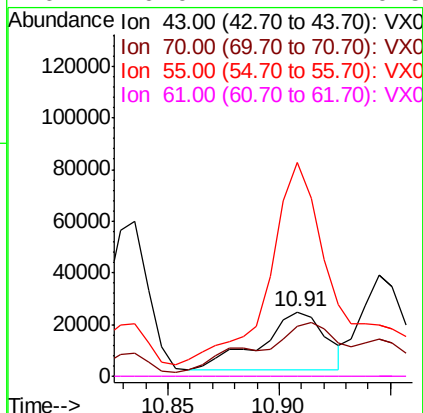
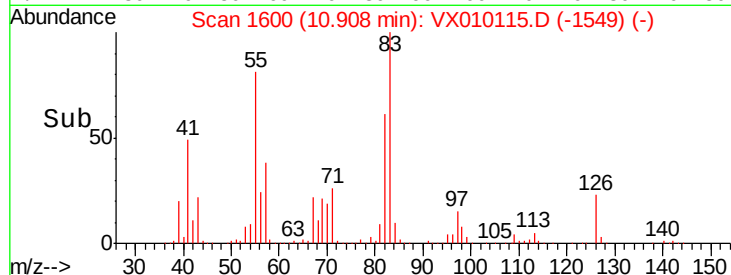
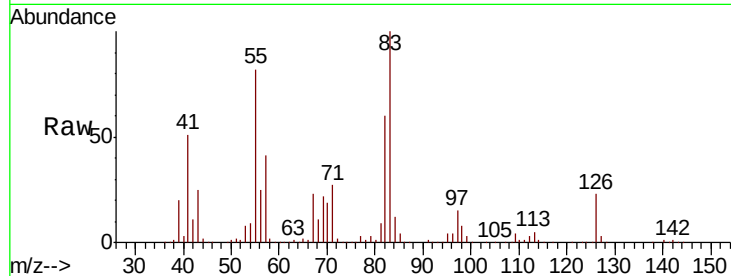
Ion Ratio Lower Upper

43 100

70 103.7 28.6 43.0#

55 339.6 17.8 26.8#

61 0.0 17.7 26.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 9.096 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

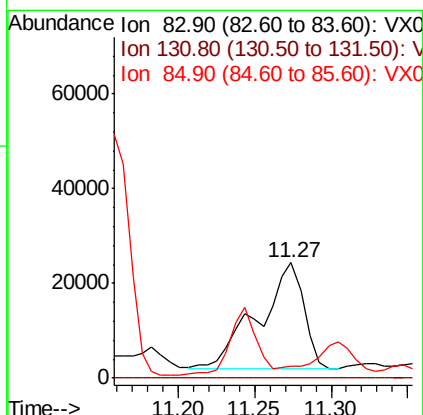
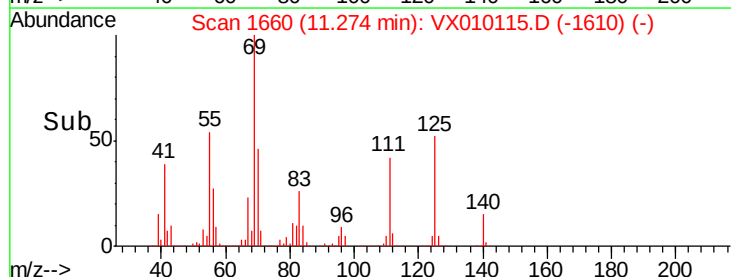
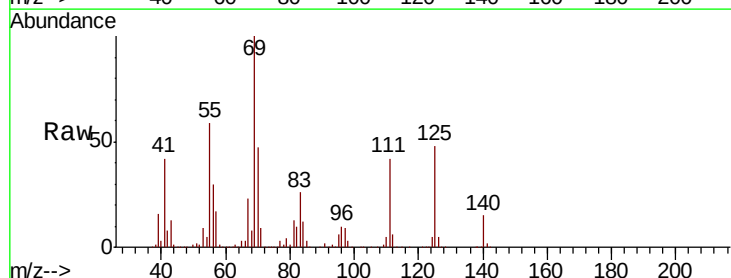
Tgt Ion: 83 Resp: 46618

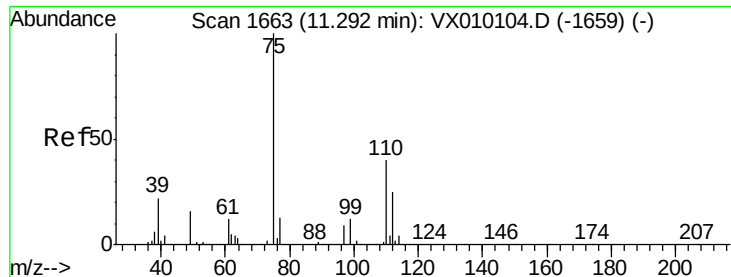
Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 0.0 31.9 95.9#





#76

1,2,3-Trichloropropane

Concen: 1.164 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

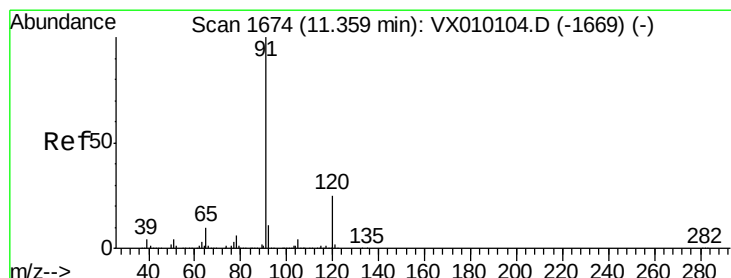
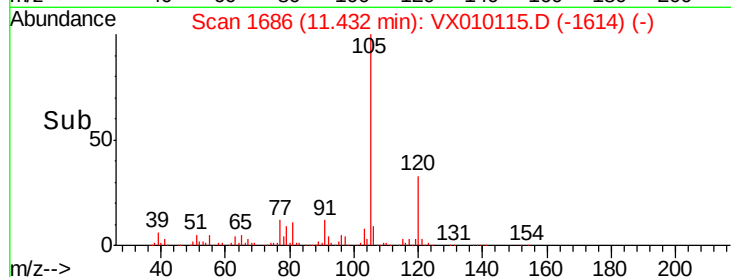
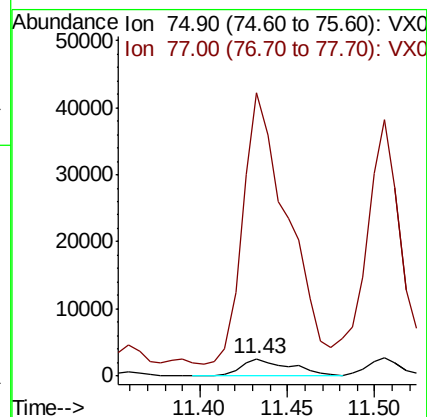
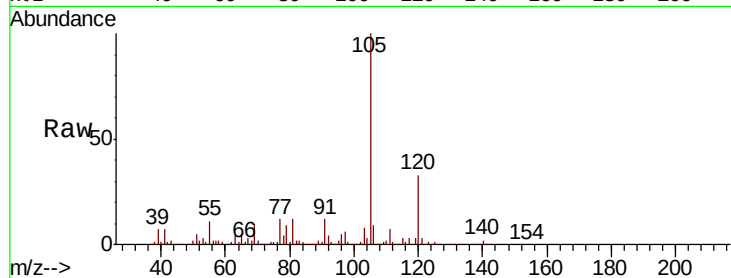
HR-05-060519-CME

Tot Ion: 75 Resp: 4995

Ion Ratio Lower Upper

75 100

77 1514.0 22.1 66.1#



#78

n-propylbenzene

Concen: 8.215 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010115.D

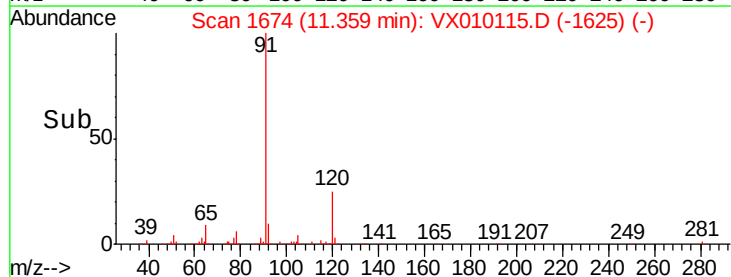
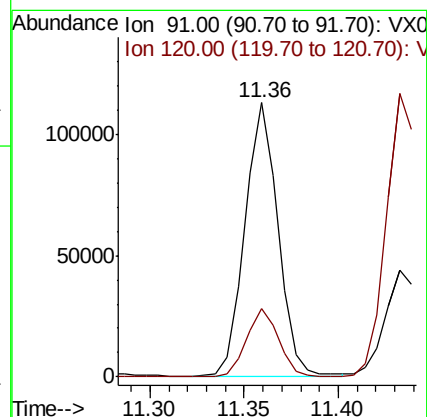
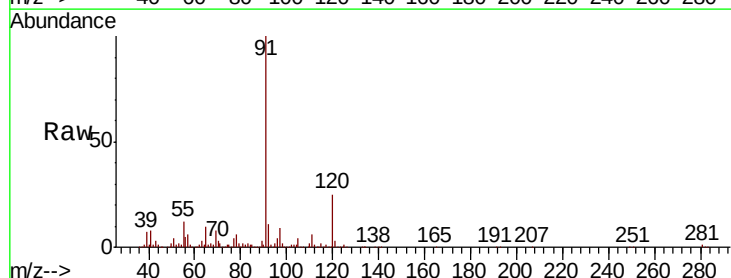
Acq: 07 Jun 2019 17:50

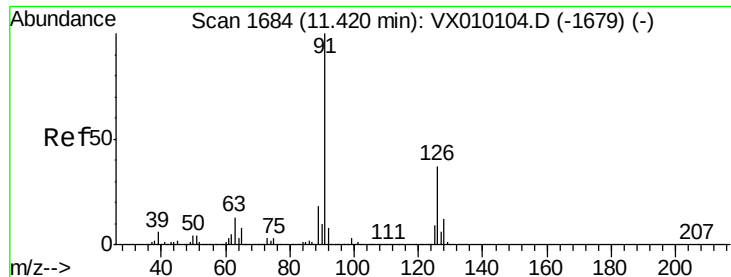
Tgt Ion: 91 Resp: 136934

Ion Ratio Lower Upper

91 100

120 24.3 11.1 33.3





#79

2-Chlorotoluene

Concen: 7.709 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

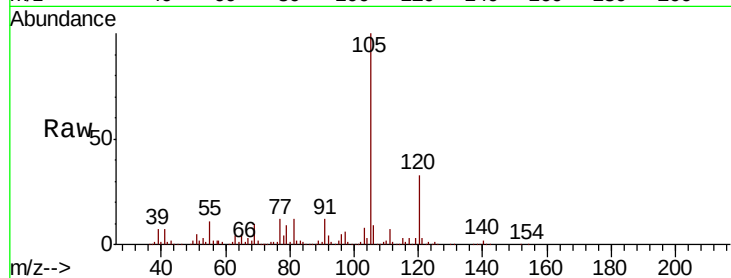
HR-05-060519-CME

Tot Ion: 91 Resp: 77173

Ion Ratio Lower Upper

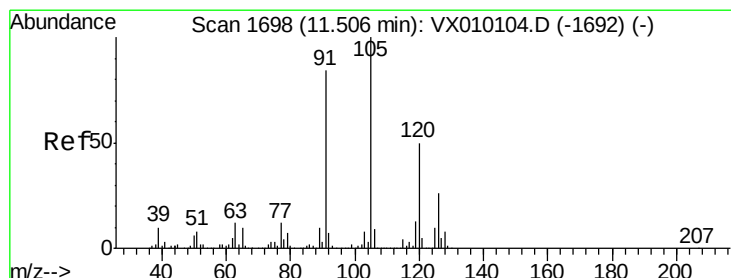
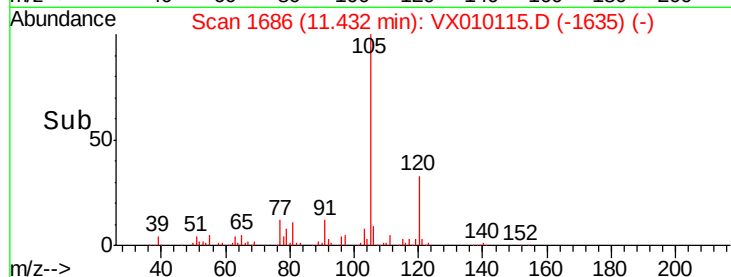
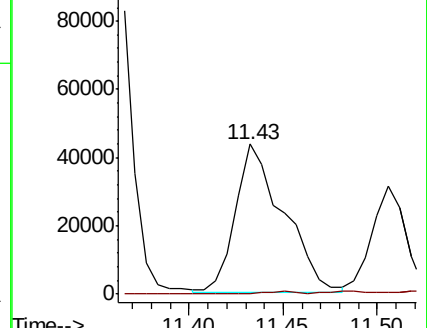
91 100

126 1.2 16.1 48.3#



Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010104.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 28.864 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010115.D

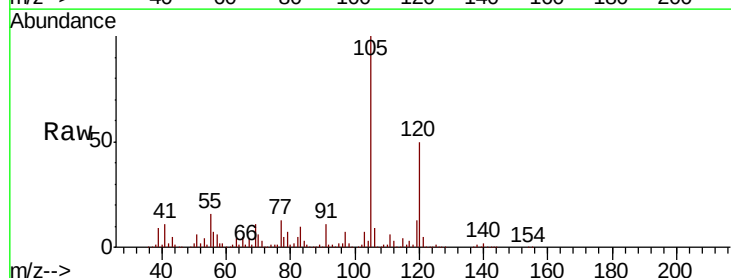
Acq: 07 Jun 2019 17:50

Tgt Ion: 105 Resp: 364001

Ion Ratio Lower Upper

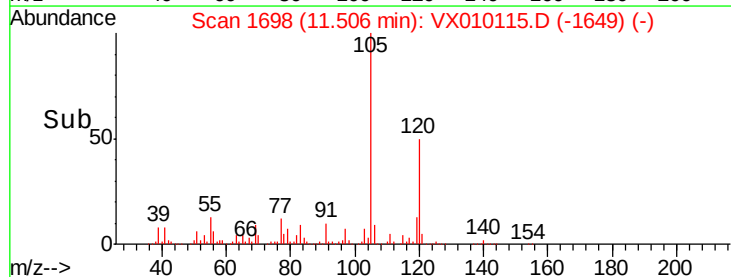
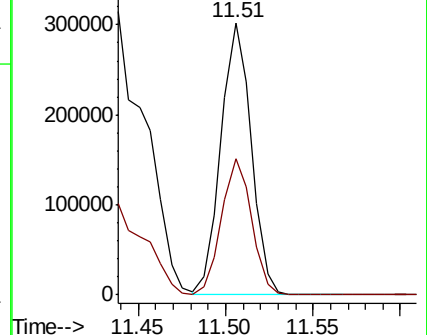
105 100

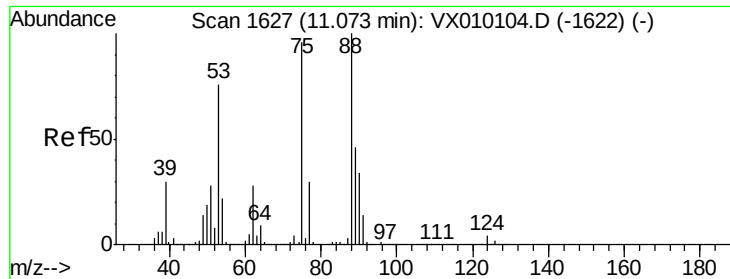
120 49.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010104.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.622 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

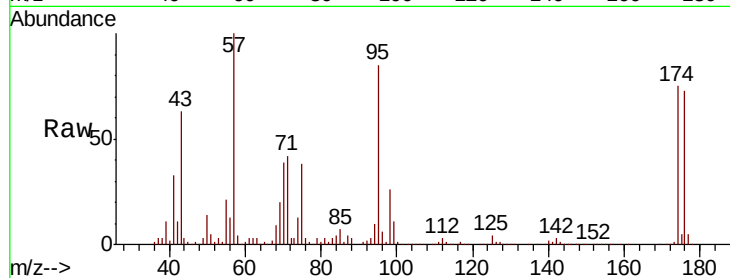
Tot Ion: 75 Resp: 92471

Ion Ratio Lower Upper

75 100

53 9.5 79.8 119.6#

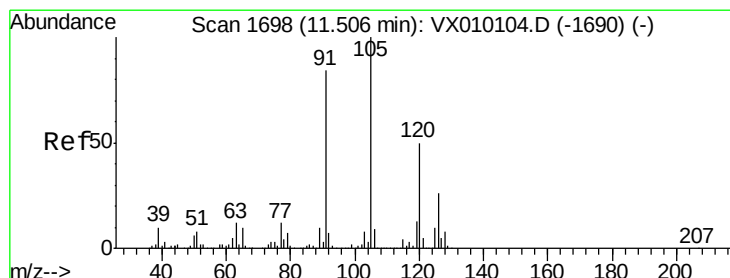
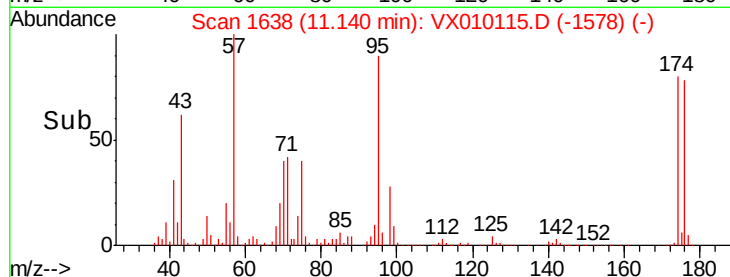
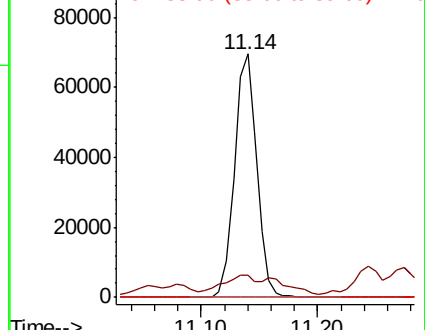
89 0.0 34.2 51.4#



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



#82

4-Chlorotoluene

Concen: 3.552 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010115.D

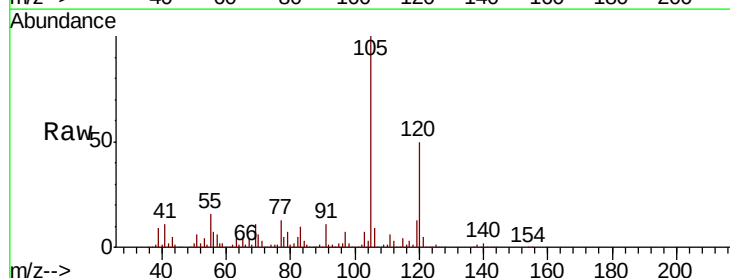
Acq: 07 Jun 2019 17:50

Tgt Ion: 91 Resp: 40399

Ion Ratio Lower Upper

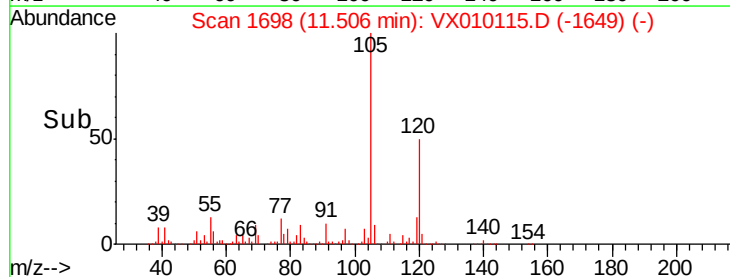
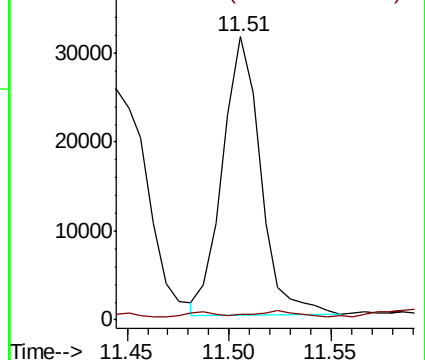
91 100

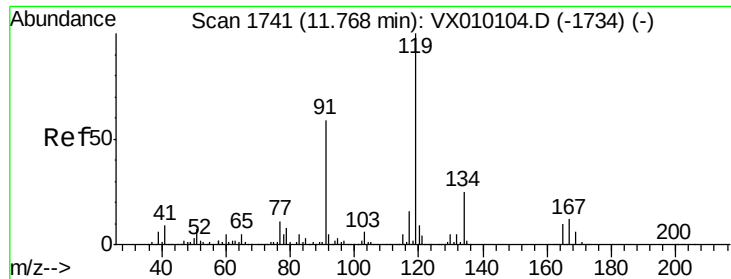
126 2.7 14.2 42.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 10.361 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

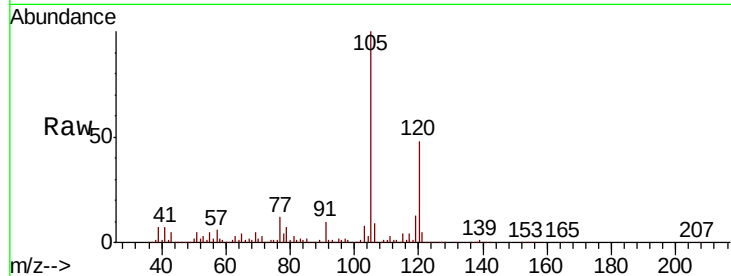
Tot Ion:119 Resp: 132254

Ion Ratio Lower Upper

119 100

91 85.4 30.0 90.0

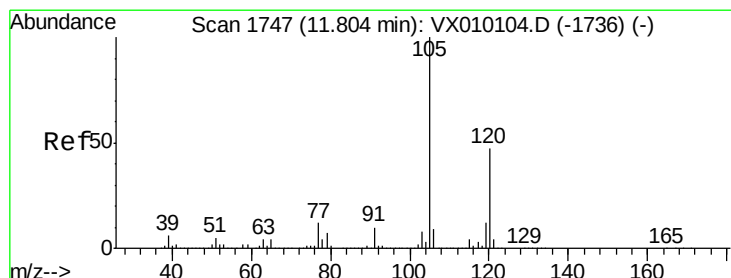
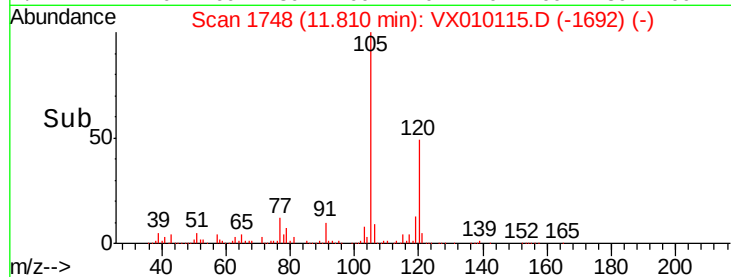
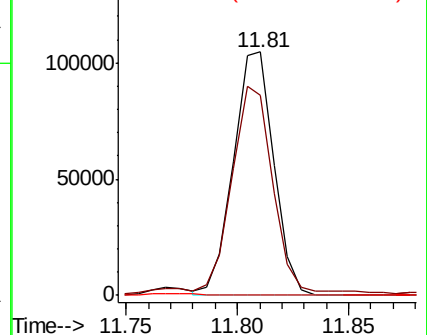
134 0.0 11.2 33.5#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 84.727 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010115.D

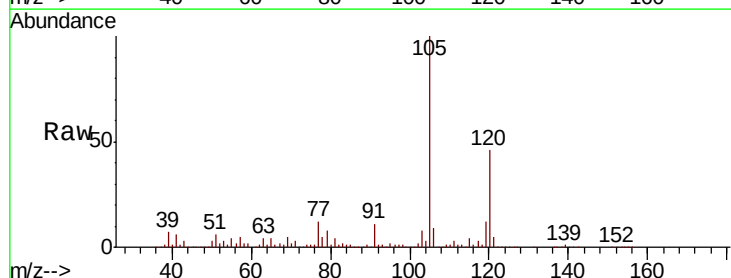
Acq: 07 Jun 2019 17:50

Tgt Ion:105 Resp: 1079280

Ion Ratio Lower Upper

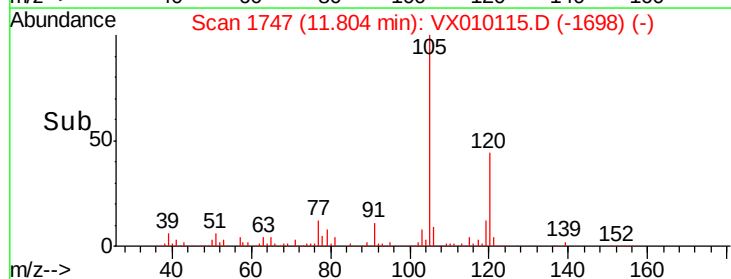
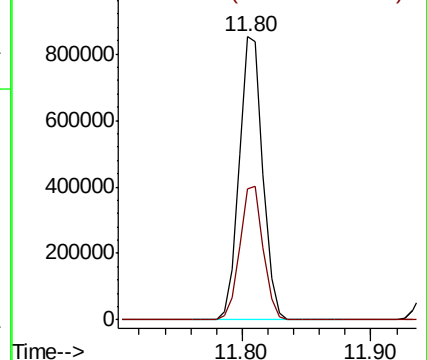
105 100

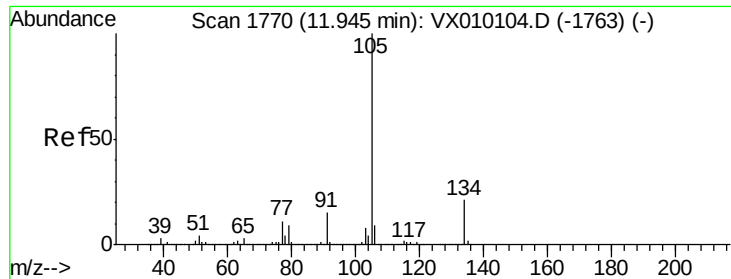
120 47.1 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

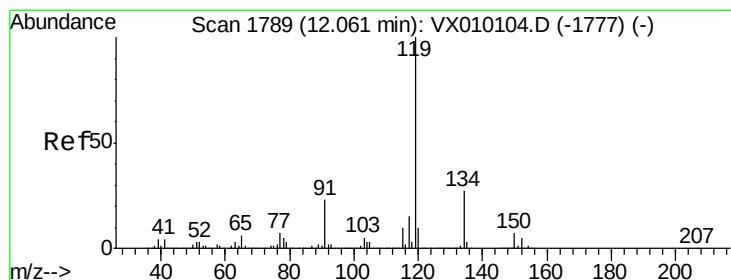
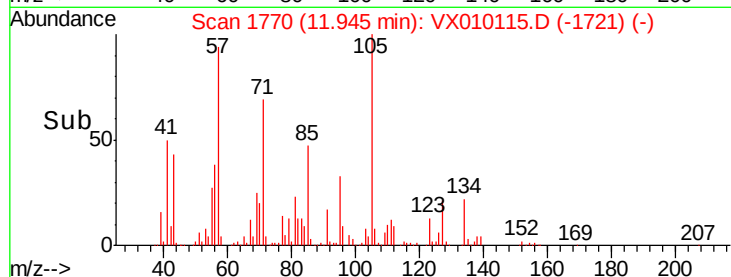
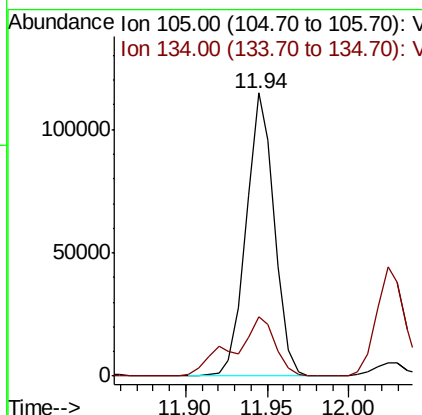
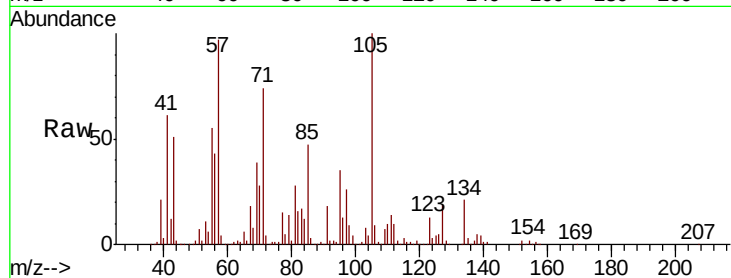




#85
 sec-Butylbenzene
 Concen: 9.222 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010115.D
 Acq: 07 Jun 2019 17:50

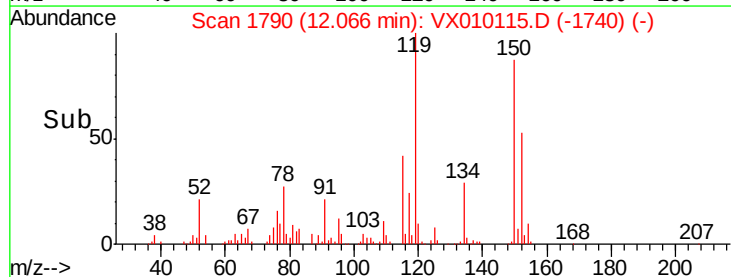
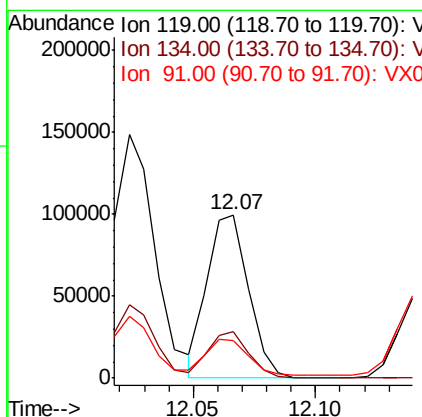
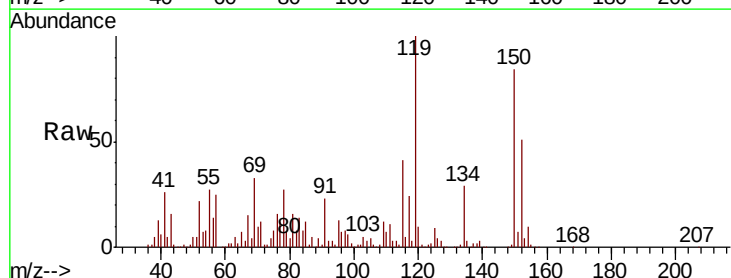
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-060519-CME

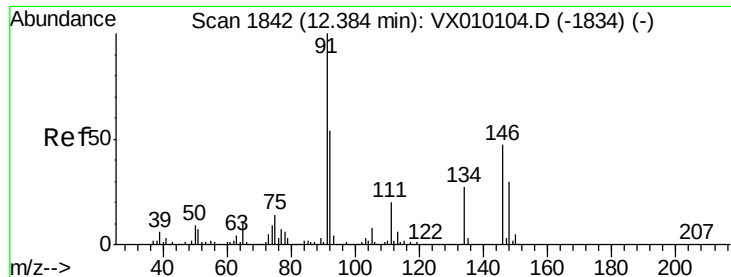
Tot Ion:105 Resp: 137133
 Ion Ratio Lower Upper
 105 100
 134 31.3 9.7 28.9#



#86
 p-Isopropyltoluene
 Concen: 8.591 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX010115.D
 Acq: 07 Jun 2019 17:50

Tgt Ion:119 Resp: 116795
 Ion Ratio Lower Upper
 119 100
 134 28.1 12.9 38.6
 91 23.8 11.9 35.9





#89

n-Butylbenzene

Concen: 34.869 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

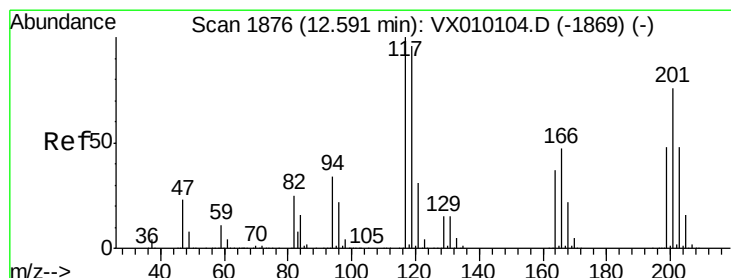
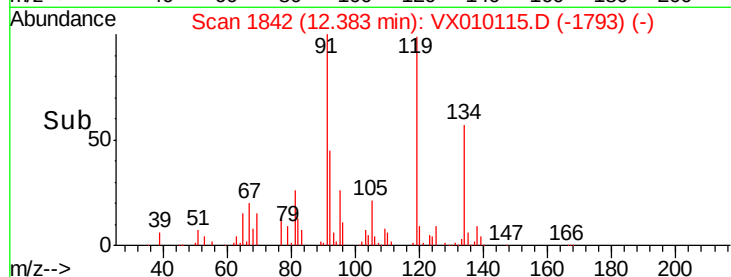
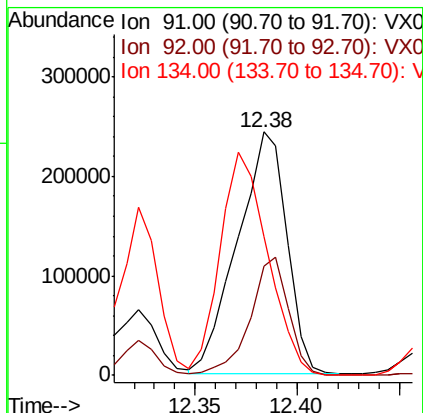
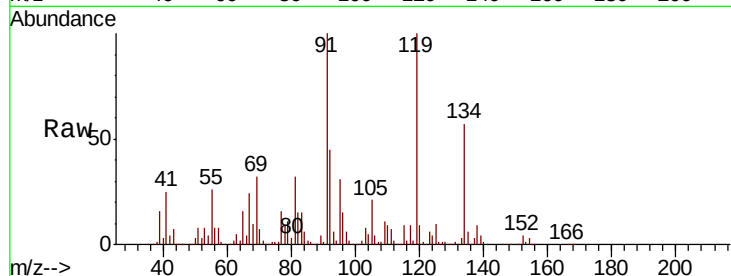
Tot Ion: 91 Resp: 408037

Ion Ratio Lower Upper

91 100

92 38.2 26.3 78.8

134 88.5 12.3 36.8#



#90

Hexachloroethane

Concen: 16.223 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010115.D

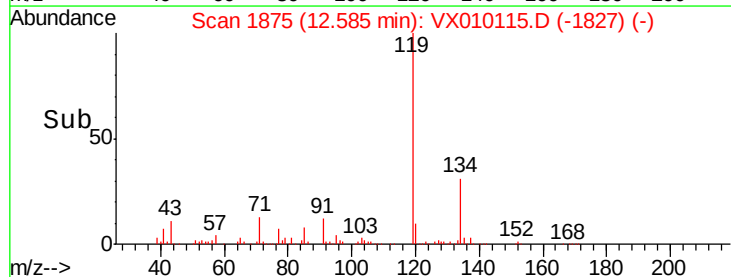
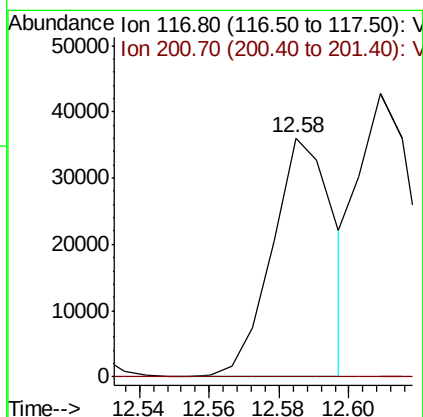
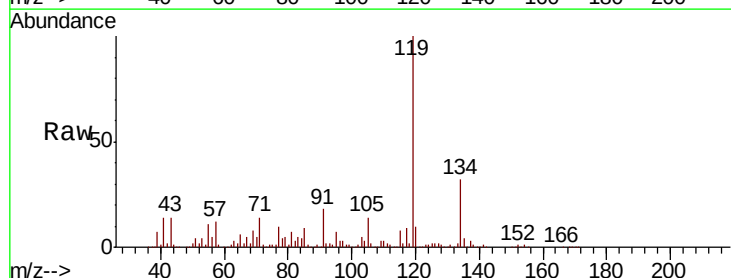
Acq: 07 Jun 2019 17:50

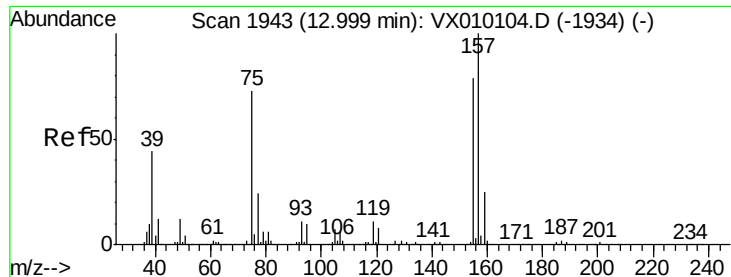
Tgt Ion: 117 Resp: 43933

Ion Ratio Lower Upper

117 100

201 0.0 43.6 130.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.801 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

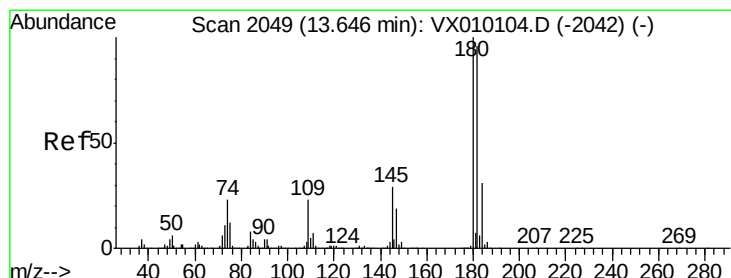
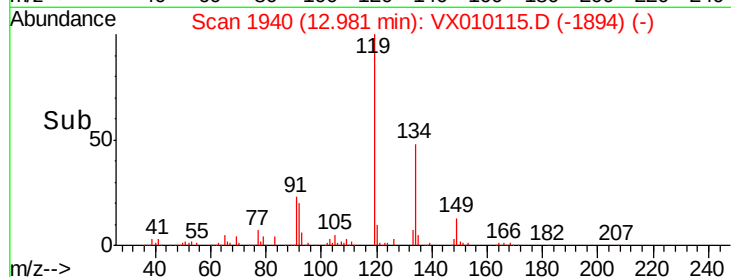
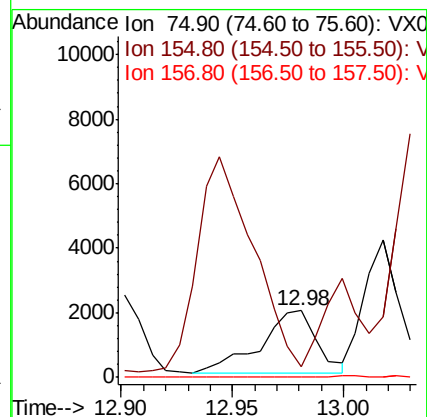
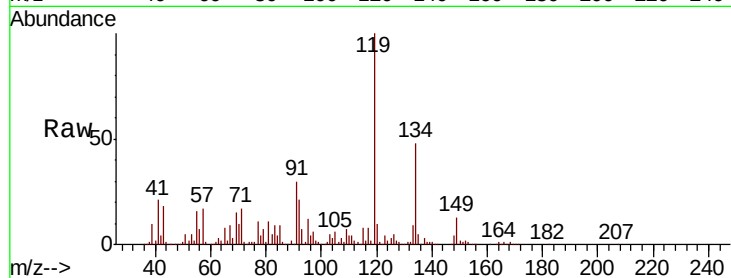
Tot Ion: 75 Resp: 3378

Ion Ratio Lower Upper

75 100

155 88.5 39.3 117.8

157 1.5 50.6 151.8#



#93

1,2,4-Trichlorobenzene

Concen: 0.223 ug/l

RT: 13.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

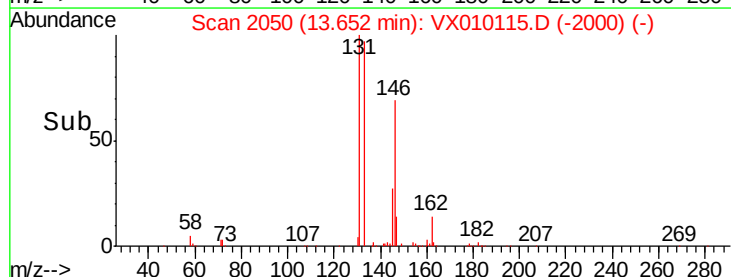
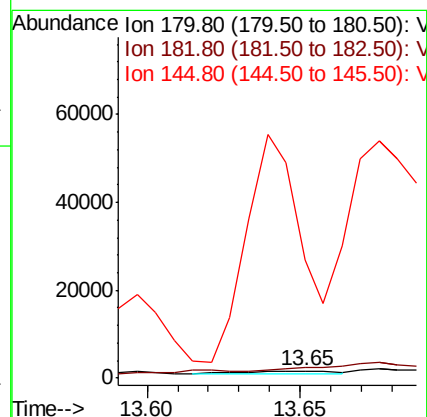
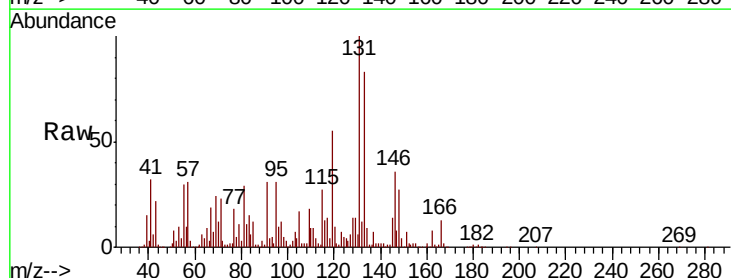
Tgt Ion:180 Resp: 1150

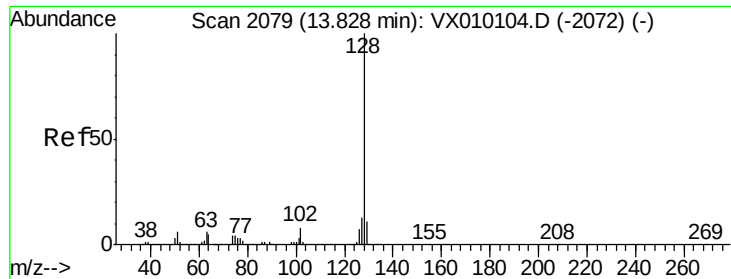
Ion Ratio Lower Upper

180 100

182 0.0 47.4 142.2#

145 5801.0 14.5 43.5#

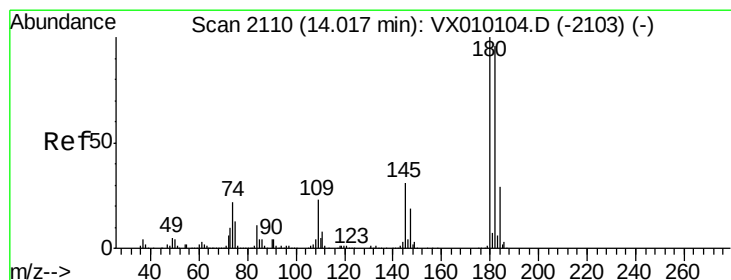
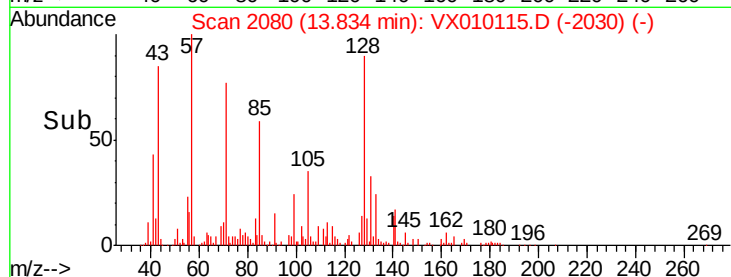
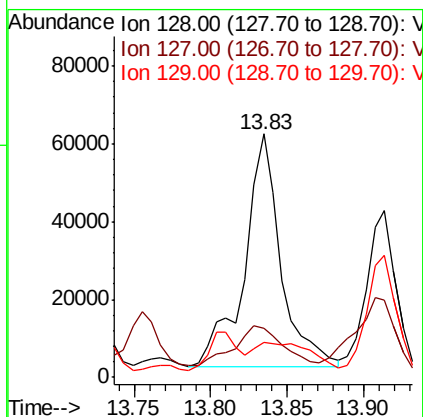
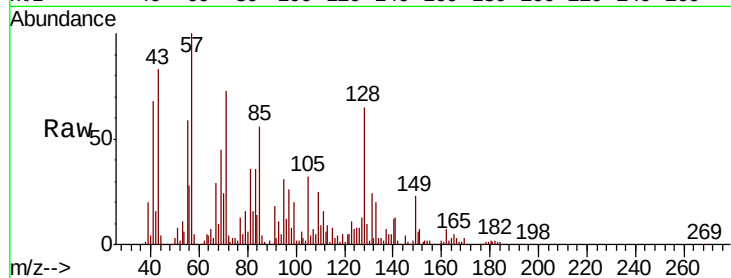




#95
Naphthalene
Concen: 6.133 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
HR-05-060519-CME

Tot Ion:128 Resp: 99642
Ion Ratio Lower Upper
128 100
127 22.5 10.6 16.0#
129 18.6 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 1.821 ug/l
RT: 14.04 min Scan# 2113
Delta R.T. 0.02 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

Tgt Ion:180 Resp: 9295
Ion Ratio Lower Upper
180 100
182 26.0 47.3 142.0#
145 1176.2 15.6 46.7#

