

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031219\
 Data File : VW009142.D
 Acq On : 13 Mar 2019 08:03
 Operator : SY/VA
 Sample : K1687-05RE
 Misc : 6.78G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-031119-C

Quant Time: Mar 13 08:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	474634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	409377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198750	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	178183	60.30	ug/l	0.00
Spiked Amount			Recovery	=	120.60%	
35) Dibromofluoromethane	7.88	113	138902	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
50) Toluene-d8	10.32	98	553867	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
62) 4-Bromofluorobenzene	12.62	95	199050	43.08	ug/l	0.00
Spiked Amount			Recovery	=	86.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.15	142	22	3.194	ug/l #	40
11) Tert butyl alcohol	5.13	59	15688	69.286	ug/l #	72
16) Acetone	4.13	43	29481	44.215	ug/l	96
18) Methyl Acetate	4.67	43	5426	3.539	ug/l	93
20) Methylene Chloride	4.92	84	28410	4.074	ug/l	92
25) 2-Butanone	7.14	43	8681	9.421	ug/l #	69
26) 2,2-Dichloropropane	7.15	77	6868	1.408	ug/l #	54
29) Tetrahydrofuran	7.54	42	2246	3.868	ug/l #	81
31) Cyclohexane	7.95	56	7411	1.345	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	24556	4.948	ug/l #	53
38) Carbon Tetrachloride	7.95	117	29875	5.829	ug/l #	17
49) 1,4-Dioxane	9.28	88	36	1.387	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	3032	1.376	ug/l	89
68) m/p-Xylenes	11.83	106	24085	3.791	ug/l	99
69) o-Xylene	12.16	106	46215	7.817	ug/l	99
73) Isopropylbenzene	12.46	105	23306	1.637	ug/l	93
74) N-amyl acetate	12.26	43	61443	18.236	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.69	83	3265	1.454	ug/l #	28
76) 1,2,3-Trichloropropane	12.62	75	107112	68.212	ug/l #	1
78) n-propylbenzene	12.80	91	97379	5.555	ug/l	99
79) 2-Chlorotoluene	12.90	91	36682	3.724	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	588086	47.935	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	107112	152.571	ug/l #	6
82) 4-Chlorotoluene	12.94	91	72074	6.864	ug/l #	48
83) tert-Butylbenzene	13.21	119	14347	1.387	ug/l	83
84) 1,2,4-Trimethylbenzene	13.26	105	705955	56.884	ug/l	99
85) sec-Butylbenzene	13.38	105	100777	6.574	ug/l	80
86) p-Isopropyltoluene	13.50	119	271082	19.767	ug/l	99
89) n-Butylbenzene	13.83	91	180671	13.858	ug/l #	67
90) Hexachloroethane	14.10	117	95222	40.259	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.50	75	3091	7.730	ug/l #	38
95) Naphthalene	15.37	128	367801	55.176	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.59	180	5645	1.576	ug/l #	12

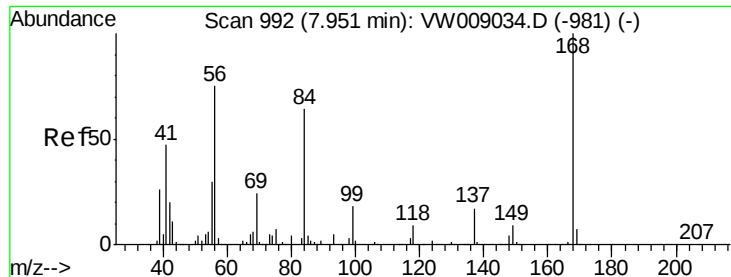
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031219\
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Acq On : 13 Mar 2019 08:03
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Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

Instrument :

MSVOA_W

ClientSampleId :

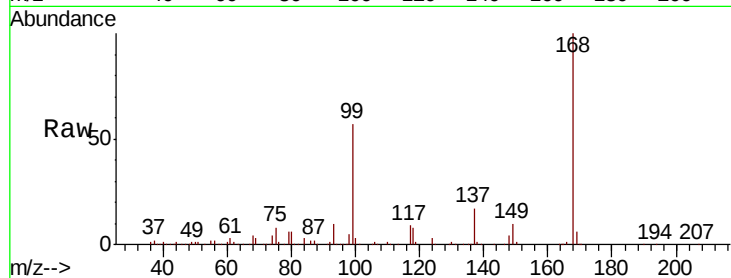
HR-06-031119-C

Tgt Ion:168 Resp: 293683

Ion Ratio Lower Upper

168 100

99 56.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

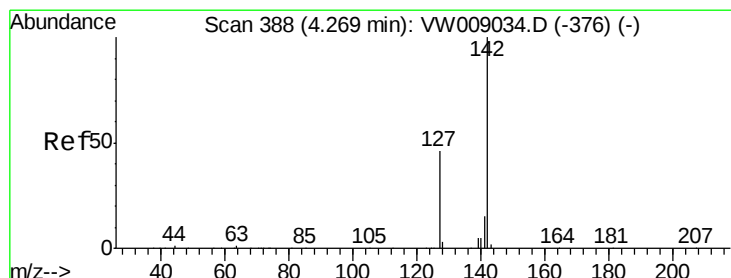
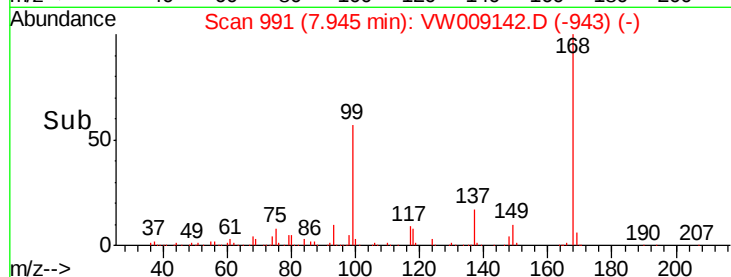
100000

50000

0

7.90 8.00

Time-->



#10

Methyl Iodide

Concen: 3.194 ug/l

RT: 4.15 min Scan# 369

Delta R.T. -0.12 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

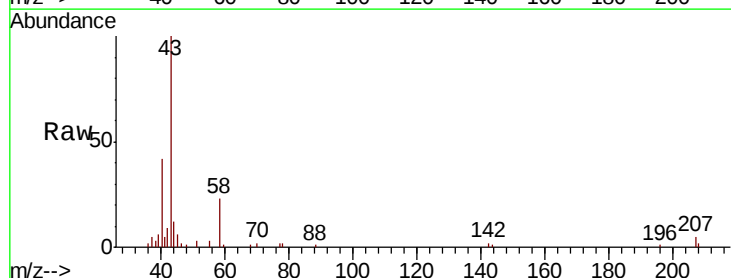
Tgt Ion:142 Resp: 22

Ion Ratio Lower Upper

142 100

127 0.0 35.8 53.6#

141 0.0 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.15

80

60

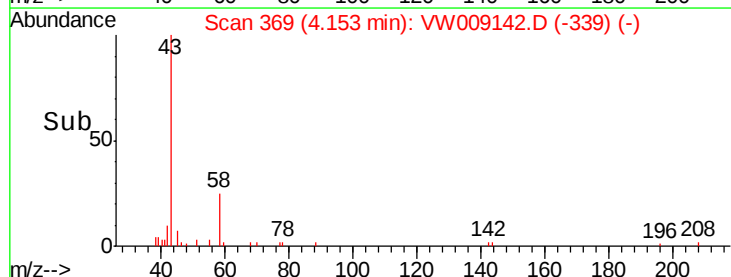
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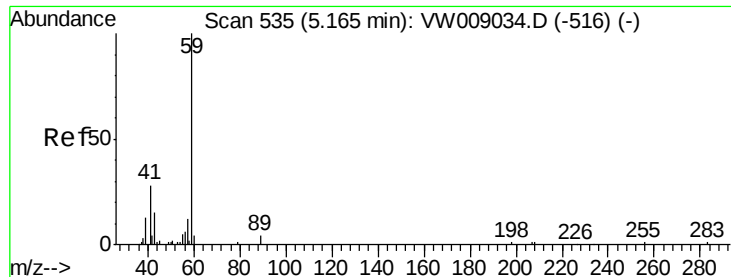
20

0

4.13 4.14 4.15 4.16 4.17

Time-->

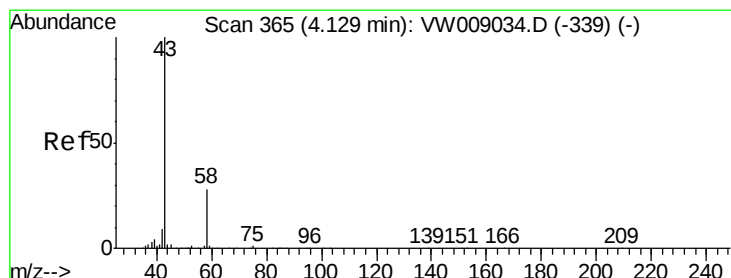
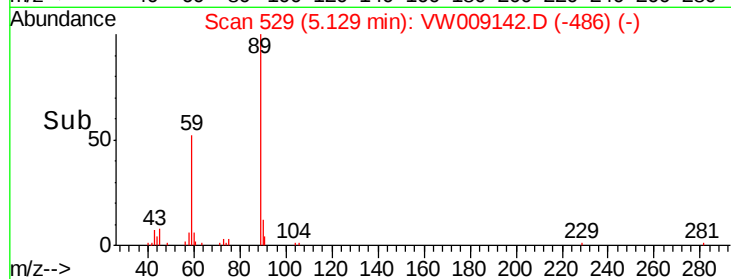
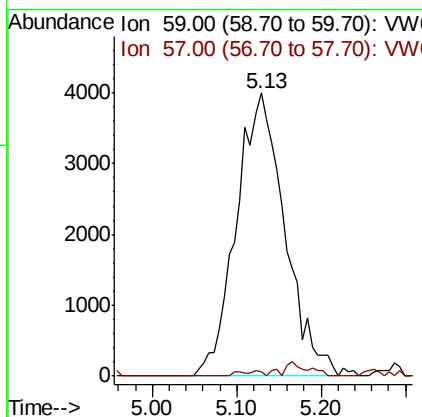
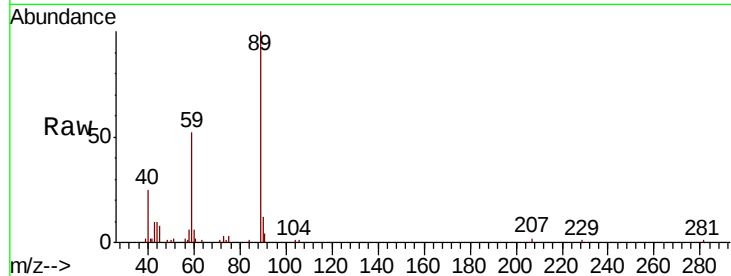




#11
Tert butyl alcohol
Concen: 69.286 ug/l
RT: 5.13 min Scan# 529
Delta R.T. -0.04 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

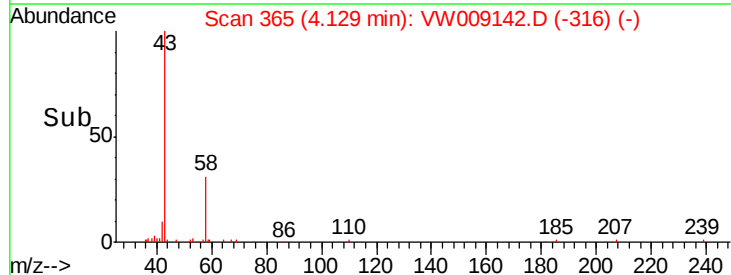
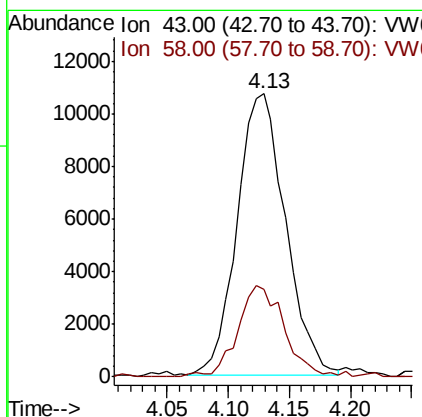
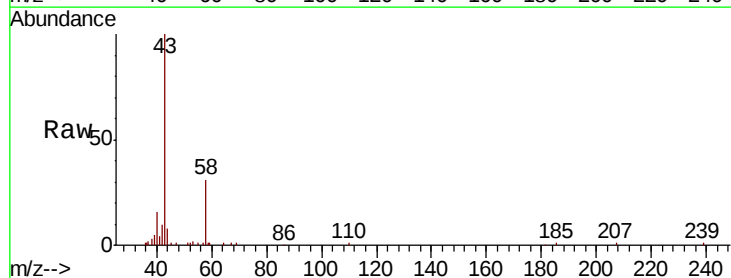
Instrument :
MSVOA_W
ClientSampleId :
HR-06-031119-C

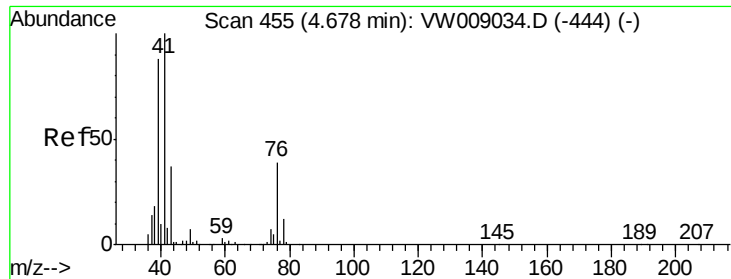
Tgt Ion: 59 Resp: 15688
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 44.215 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

Tgt Ion: 43 Resp: 29481
Ion Ratio Lower Upper
43 100
58 30.4 22.5 33.7

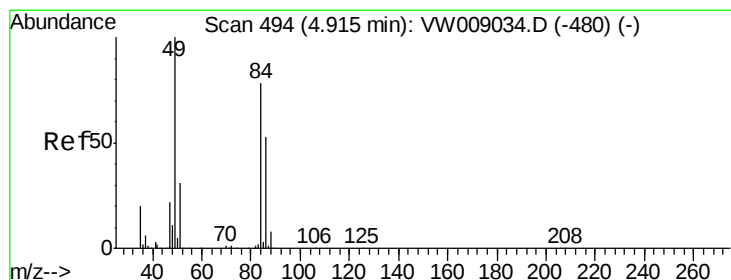
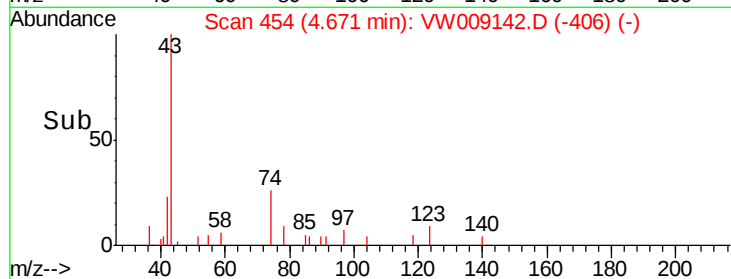
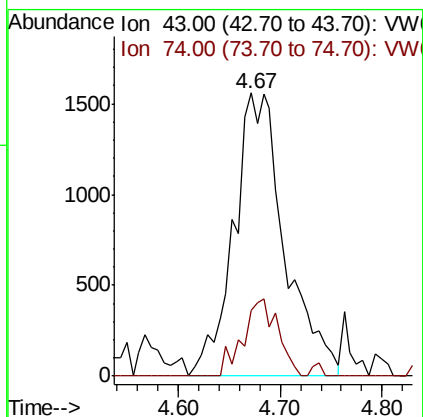
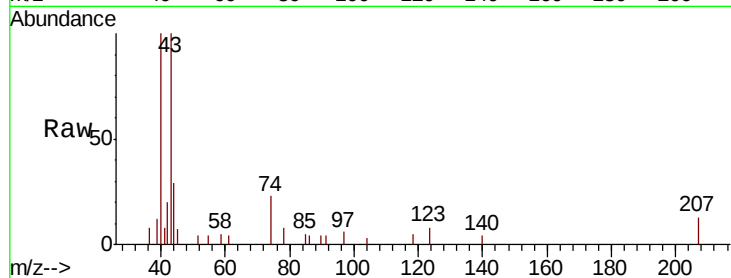




#18
Methyl Acetate
Concen: 3.539 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

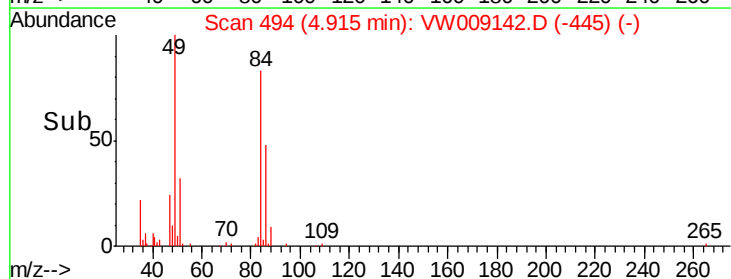
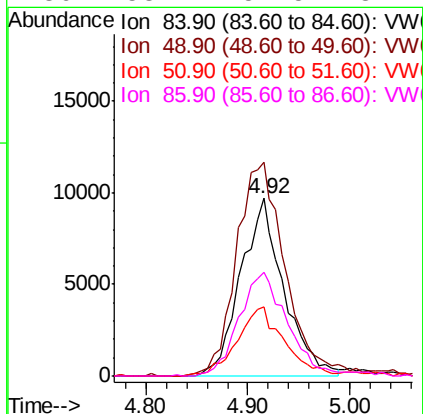
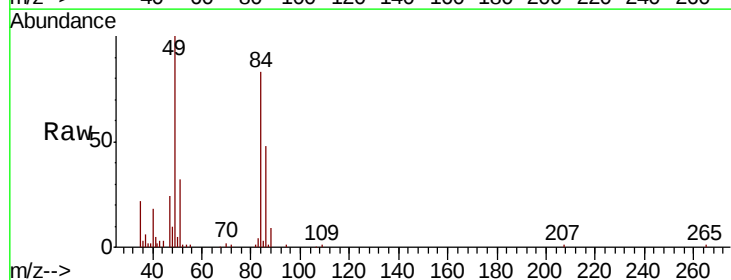
Instrument :
MSVOA_W
ClientSampleId :
HR-06-031119-C

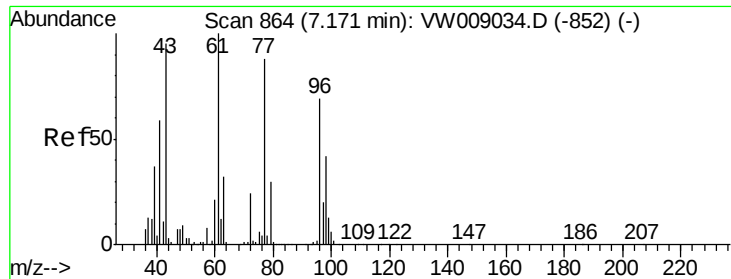
Tgt Ion: 43 Resp: 5426
Ion Ratio Lower Upper
43 100
74 18.6 17.6 26.4



#20
Methylene Chloride
Concen: 4.074 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

Tgt Ion: 84 Resp: 28410
Ion Ratio Lower Upper
84 100
49 119.4 102.4 153.6
51 37.7 31.6 47.4
86 58.1 54.5 81.7





#25

2-Butanone

Concen: 9.421 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

Instrument :

MSVOA_W

ClientSampled :

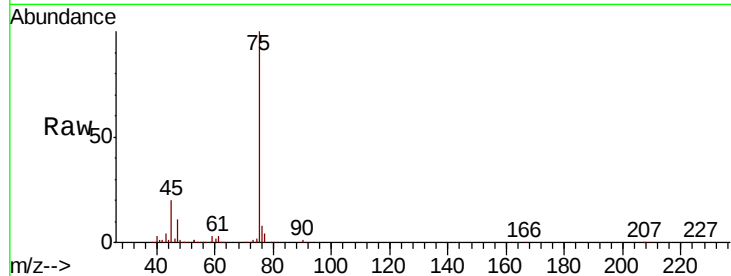
HR-06-031119-C

Tgt Ion: 43 Resp: 8681

Ion Ratio Lower Upper

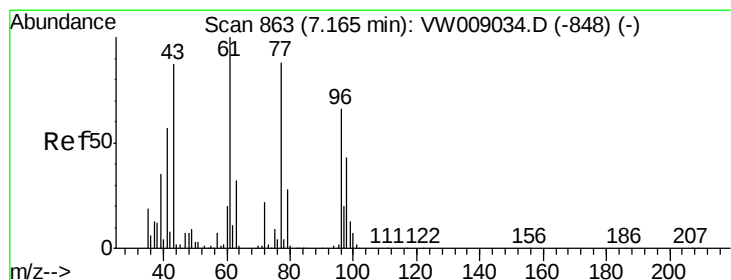
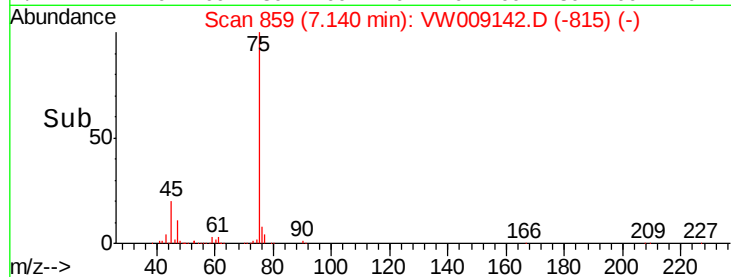
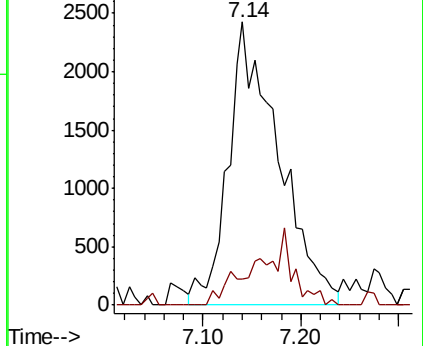
43 100

72 9.7 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.408 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW009142.D

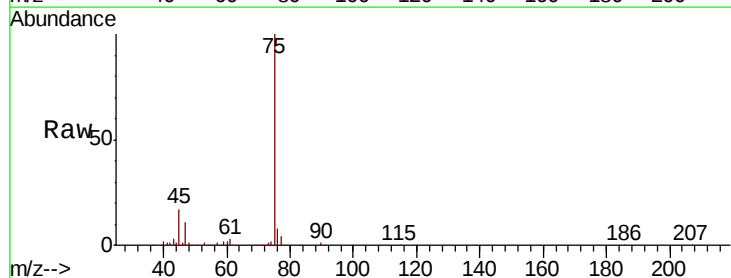
Acq: 13 Mar 2019 08:03

Tgt Ion: 77 Resp: 6868

Ion Ratio Lower Upper

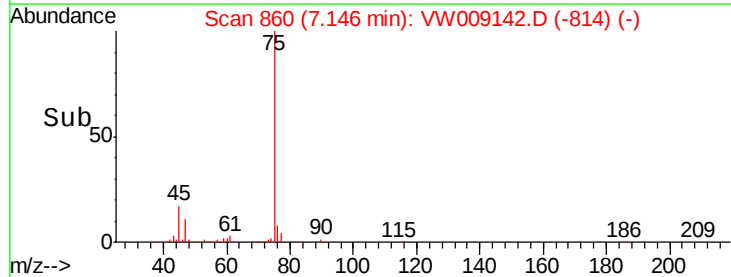
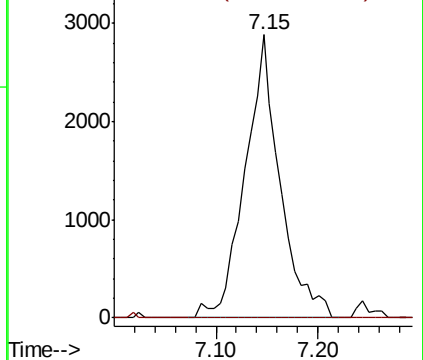
77 100

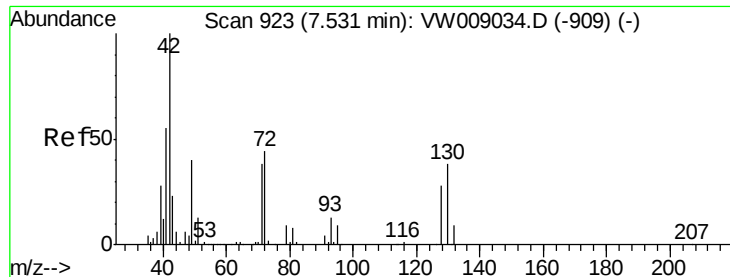
97 0.0 10.9 32.9#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

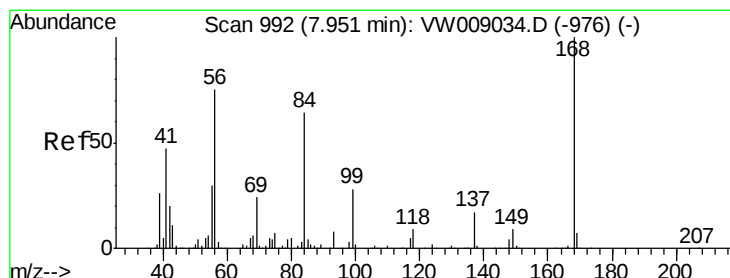
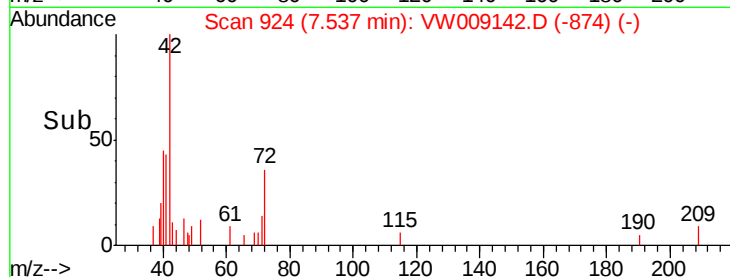
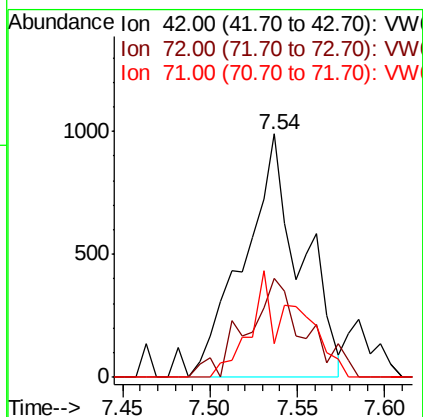
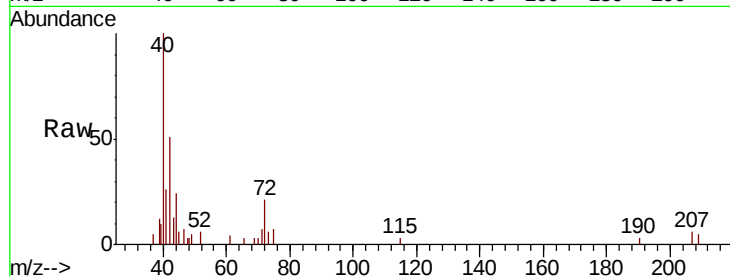




#29
Tetrahydrofuran
Concen: 3.868 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

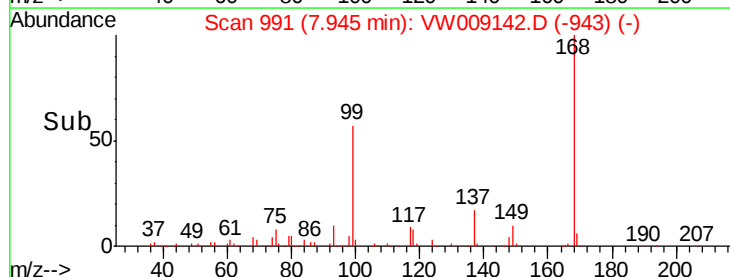
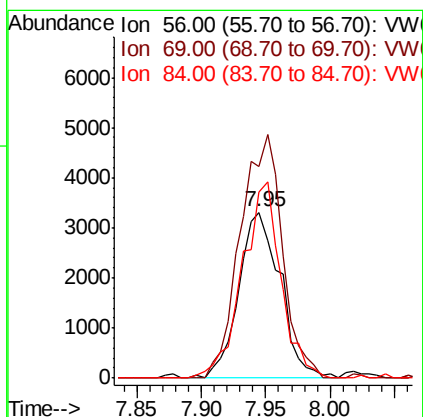
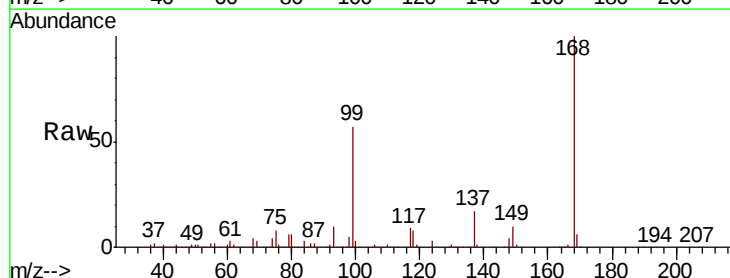
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HR-06-031119-C

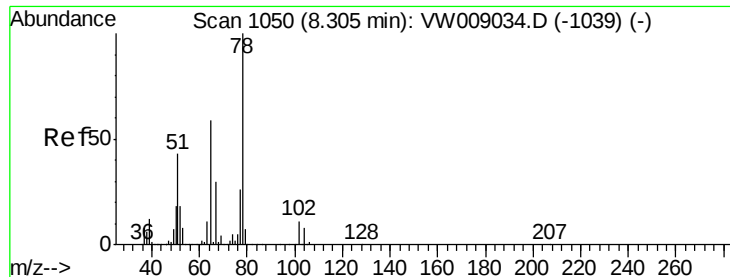
Tgt Ion: 42 Resp: 2246
Ion Ratio Lower Upper
42 100
72 41.5 32.2 48.4
71 16.7 30.7 46.1#



#31
Cyclohexane
Concen: 1.345 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

Tgt Ion: 56 Resp: 7411
Ion Ratio Lower Upper
56 100
69 127.5 25.5 38.3#
84 112.3 68.6 103.0#





#33

1,2-Dichloroethane-d4

Concen: 60.304 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

Instrument :

MSVOA_W

ClientSampleId :

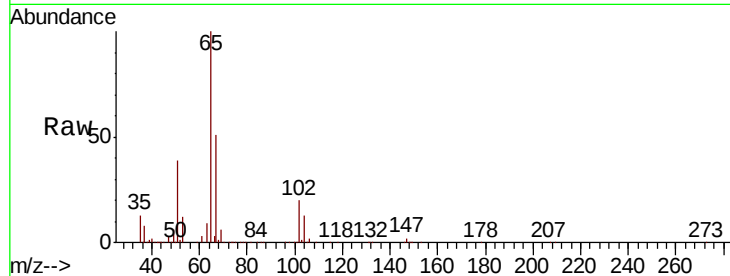
HR-06-031119-C

Tgt Ion: 65 Resp: 178183

Ion Ratio Lower Upper

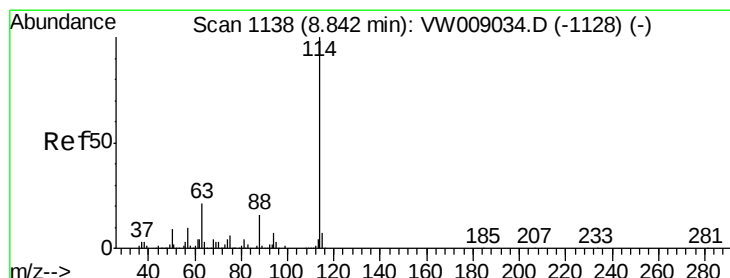
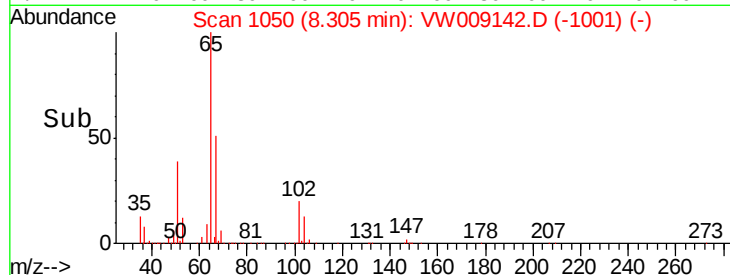
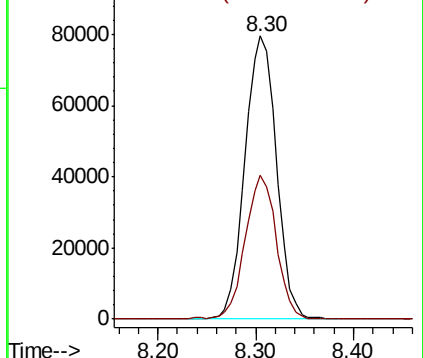
65 100

67 50.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

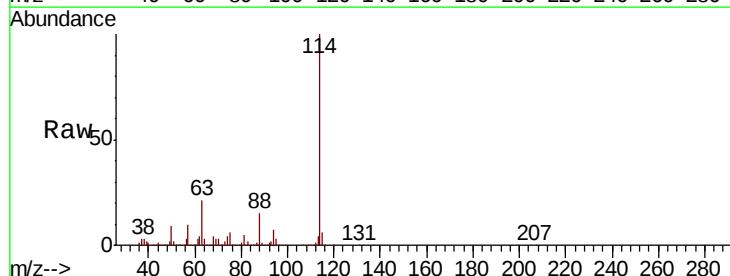
Tgt Ion: 114 Resp: 474634

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.2

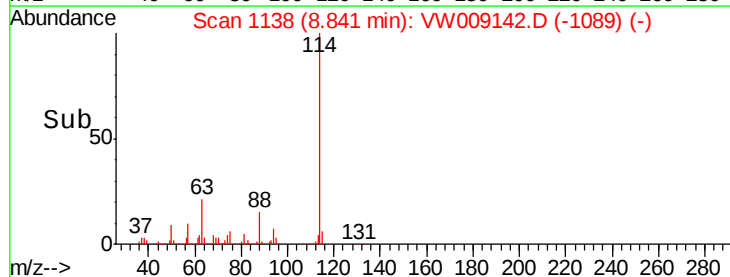
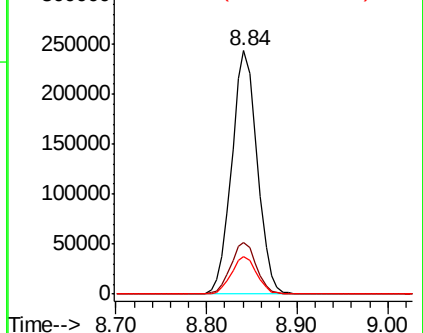
88 15.3 0.0 31.2

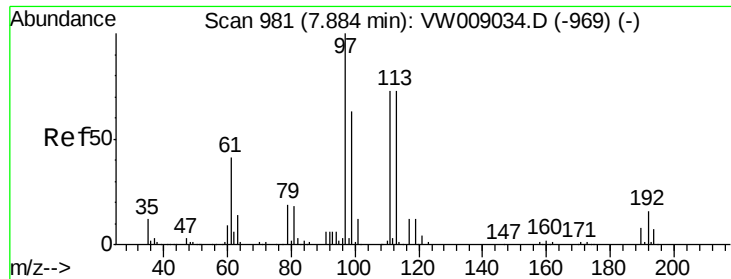


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

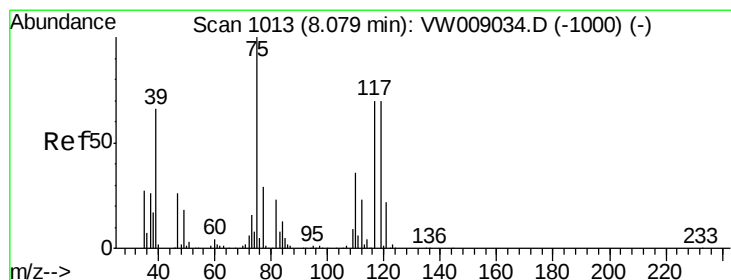
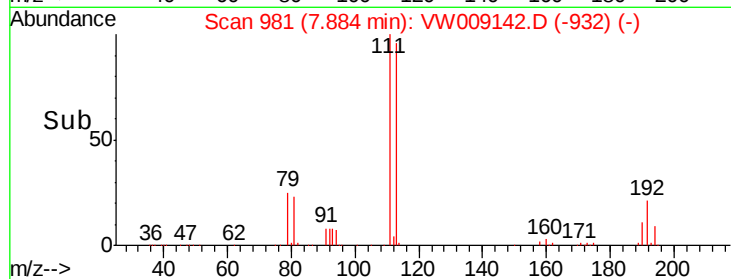
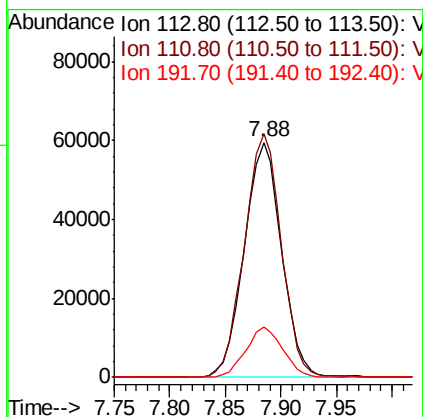
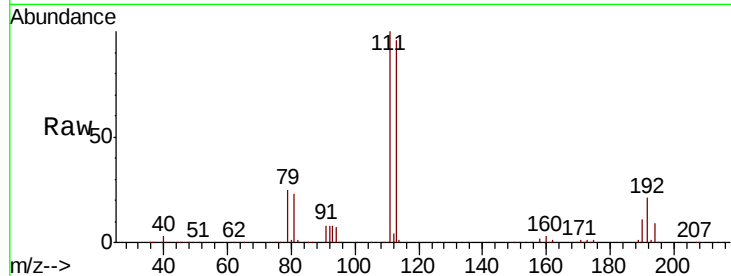




#35
 Dibromofluoromethane
 Concen: 48.606 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW009142.D
 Acq: 13 Mar 2019 08:03

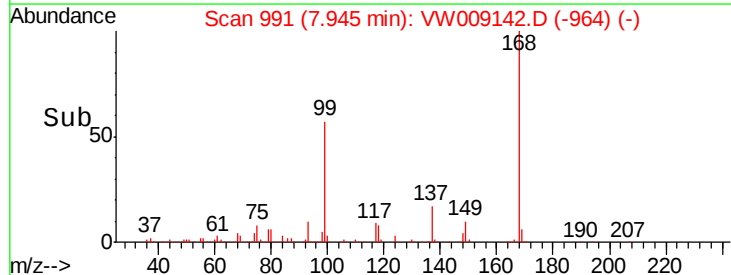
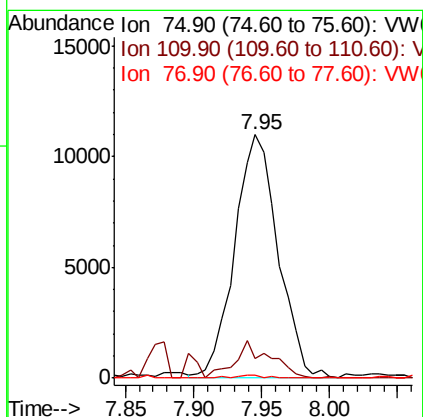
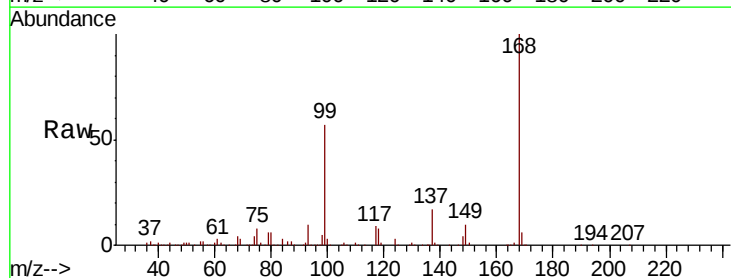
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-031119-C

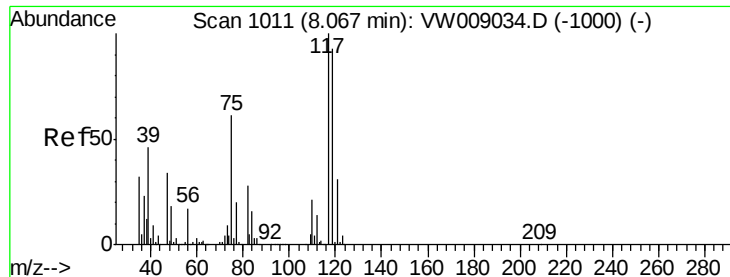
Tgt Ion:113 Resp: 138902
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.4
 192 21.3 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.948 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009142.D
 Acq: 13 Mar 2019 08:03

Tgt Ion: 75 Resp: 24556
 Ion Ratio Lower Upper
 75 100
 110 12.3 17.6 52.9#
 77 0.7 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.829 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

Instrument :

MSVOA_W

ClientSampleId :

HR-06-031119-C

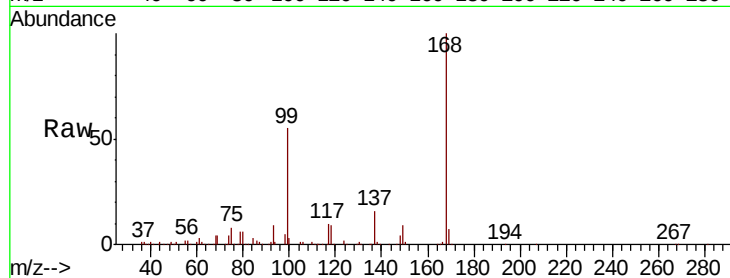
Tgt Ion:117 Resp: 29875

Ion Ratio Lower Upper

117 100

119 4.6 74.6 112.0#

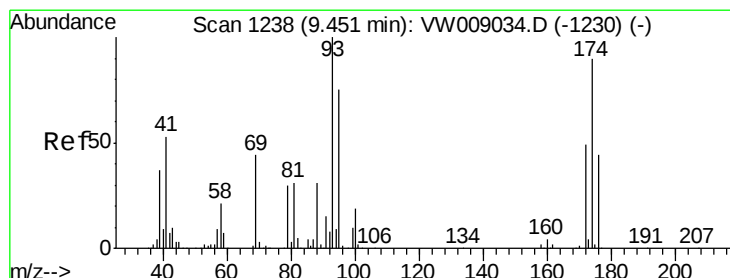
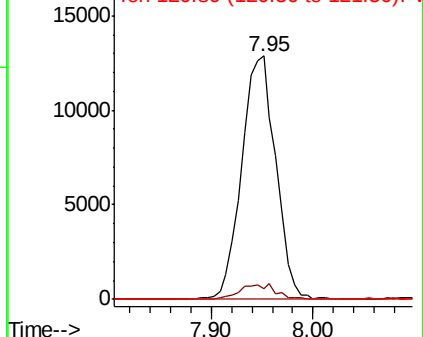
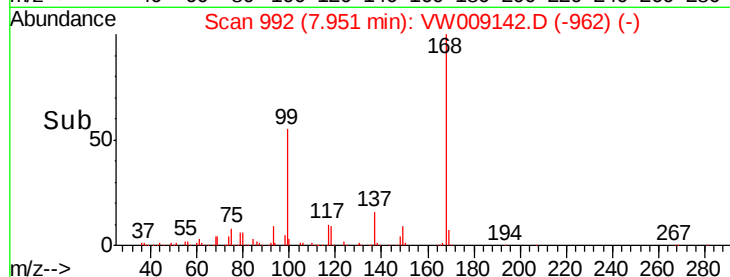
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 1.387 ug/l

RT: 9.28 min Scan# 1210

Delta R.T. -0.17 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

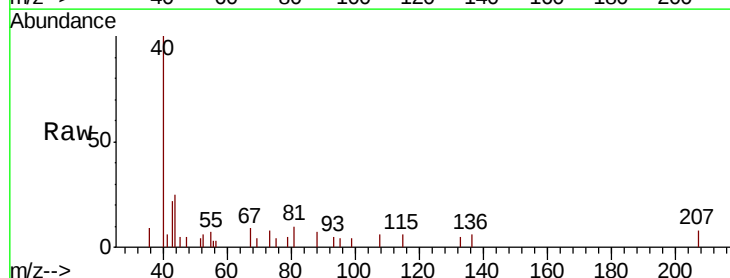
Tgt Ion: 88 Resp: 36

Ion Ratio Lower Upper

88 100

43 1691.7 29.0 43.4#

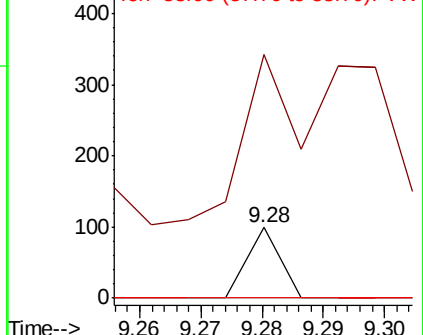
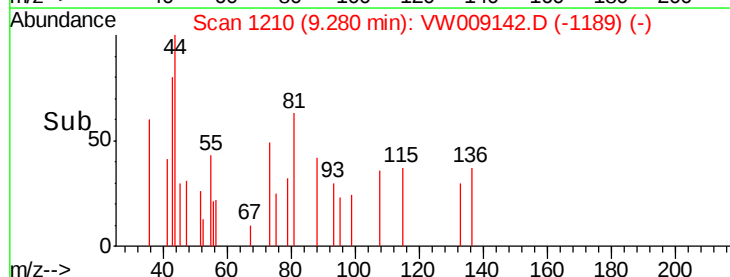
58 0.0 59.2 88.8#

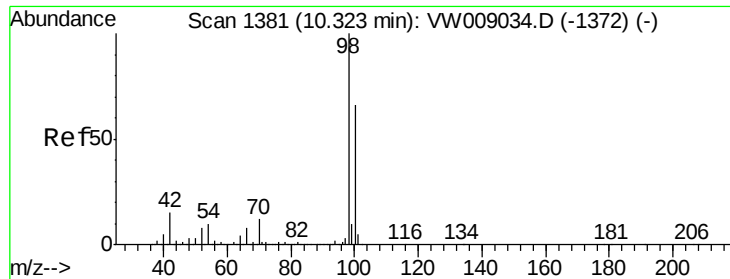


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 47.189 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

Instrument :

MSVOA_W

ClientSampleId :

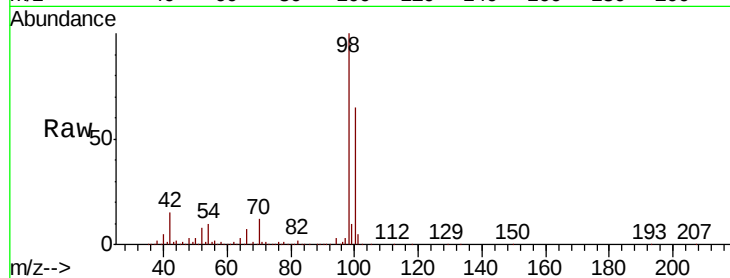
HR-06-031119-C

Tgt Ion: 98 Resp: 553867

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

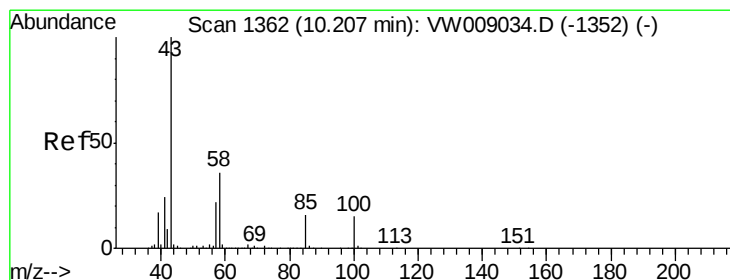
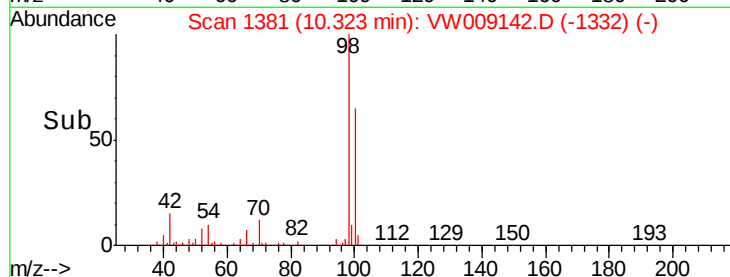
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#51

4-Methyl-2-Pentanone

Concen: 1.376 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW009142.D

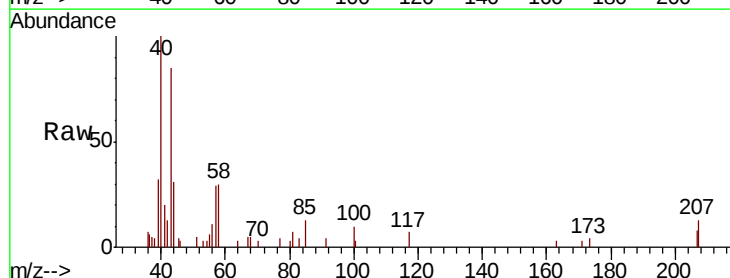
Acq: 13 Mar 2019 08:03

Tgt Ion: 43 Resp: 3032

Ion Ratio Lower Upper

43 100

58 42.5 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

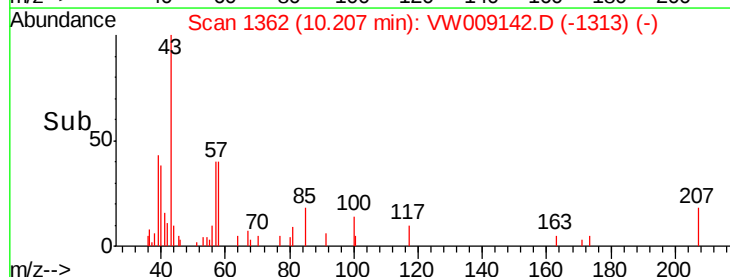
1500

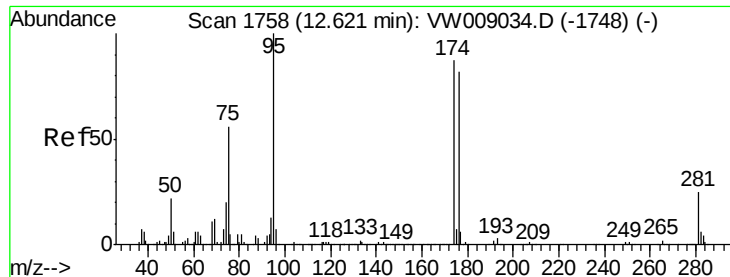
1000

500

0

Time--> 10.15 10.20 10.25

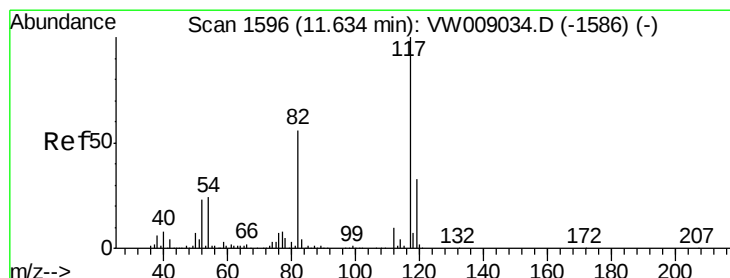
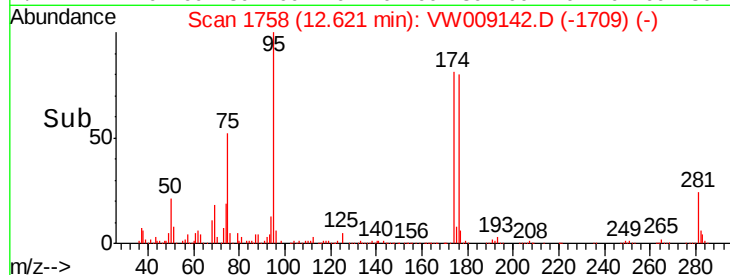
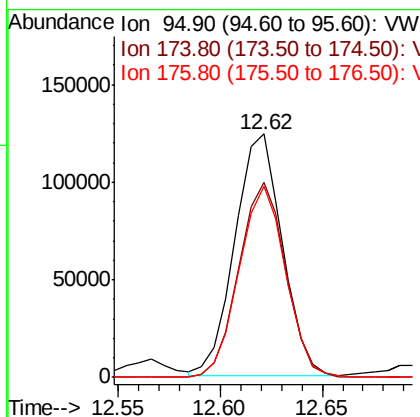
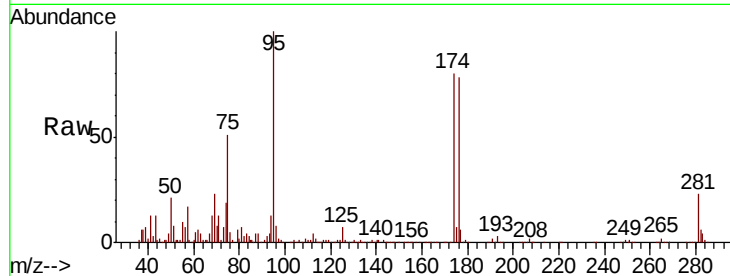




#62
4-Bromofluorobenzene
Concen: 43.080 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

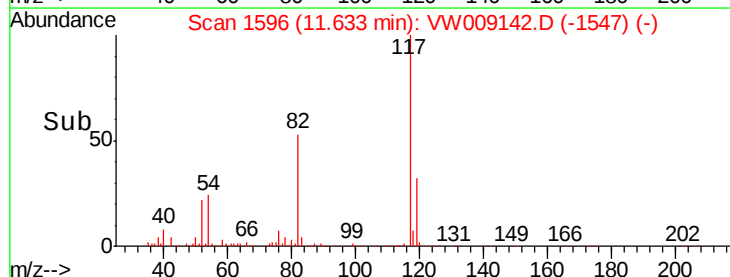
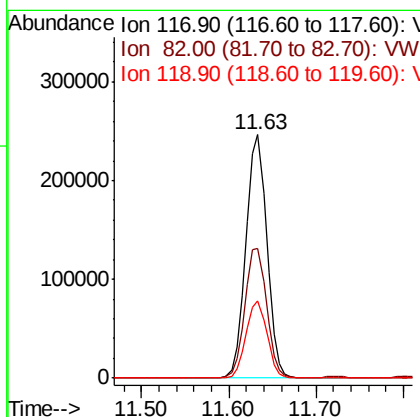
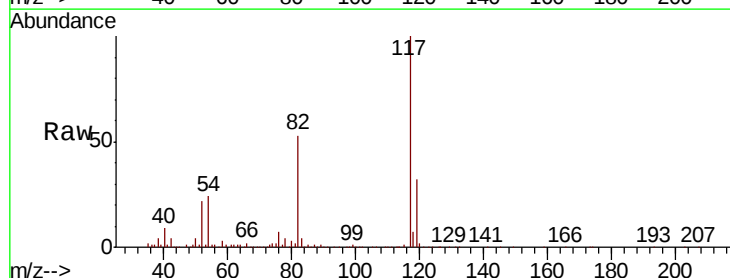
Instrument :
MSVOA_W
ClientSampleId :
HR-06-031119-C

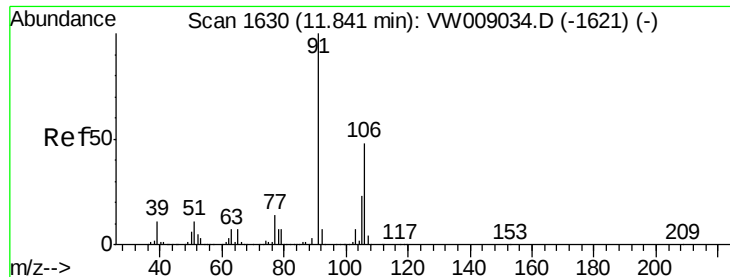
Tgt Ion: 95 Resp: 199050
Ion Ratio Lower Upper
95 100
174 80.0 0.0 167.0
176 78.1 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

Tgt Ion: 117 Resp: 409377
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.6
119 31.8 26.6 39.8

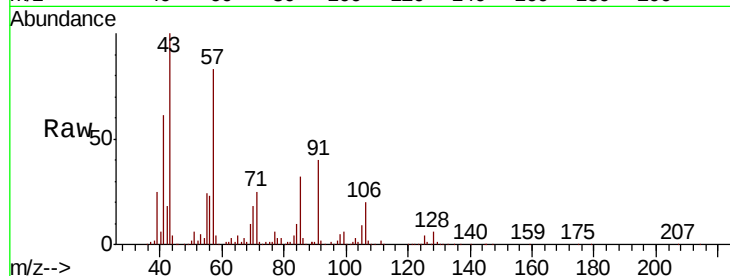




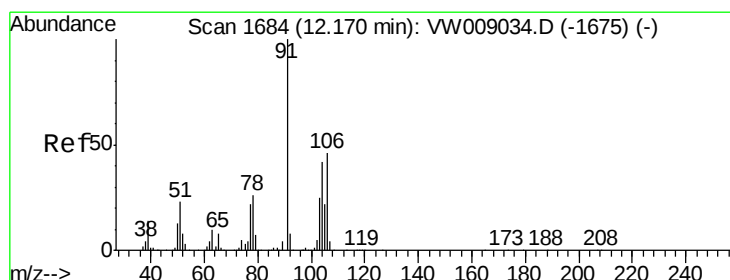
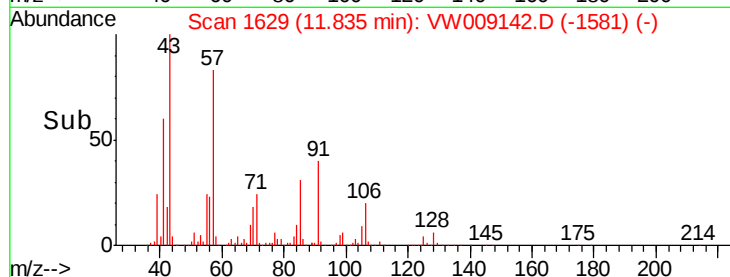
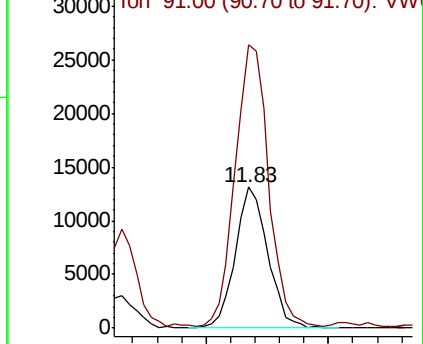
#68
m/p-Xylenes
Concen: 3.791 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

Instrument :
MSVOA_W
ClientSampleId :
HR-06-031119-C

Tgt Ion:106 Resp: 24085
Ion Ratio Lower Upper
106 100
91 204.9 163.2 244.8

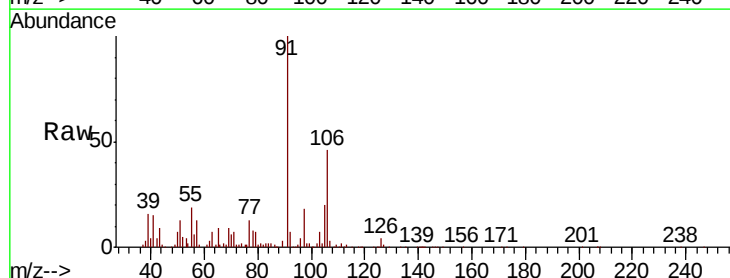


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

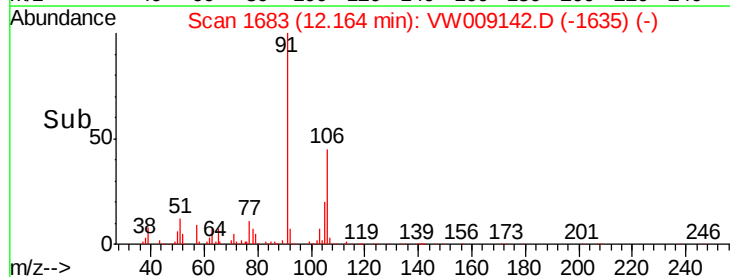
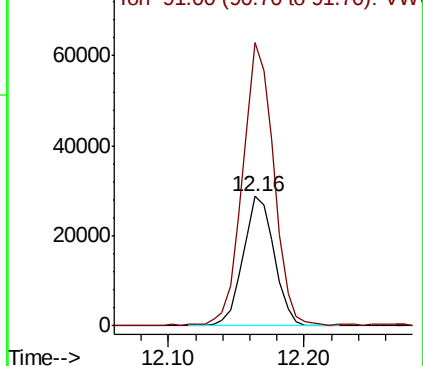


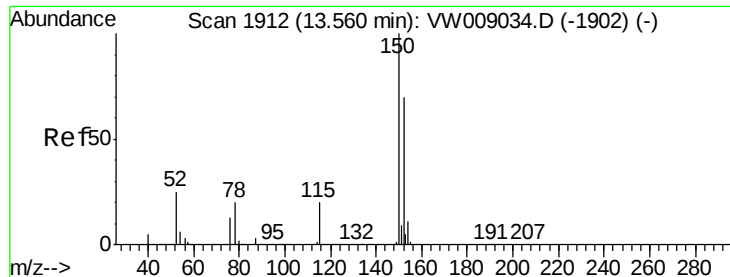
#69
o-Xylene
Concen: 7.817 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

Tgt Ion:106 Resp: 46215
Ion Ratio Lower Upper
106 100
91 219.4 108.6 325.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW



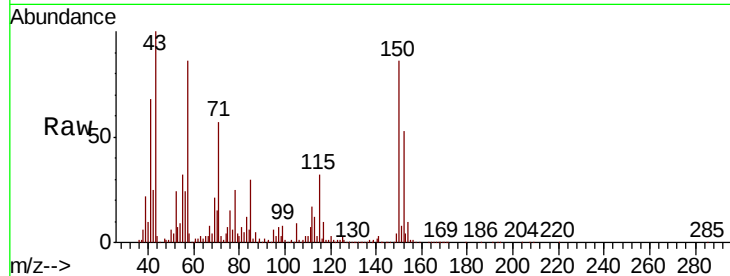


#72

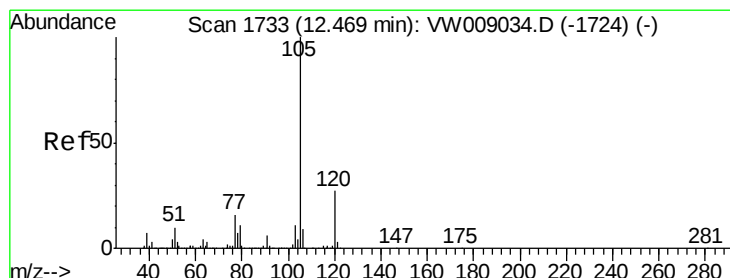
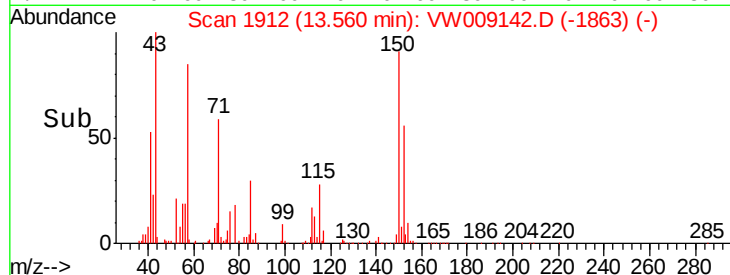
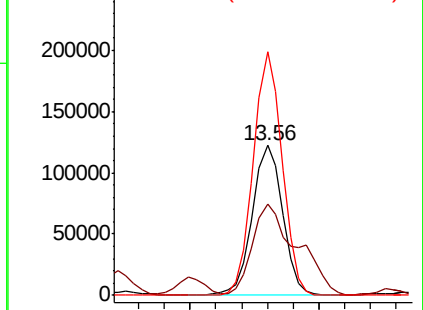
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

Instrument :
MSVOA_W
ClientSampleId :
HR-06-031119-C

Tgt Ion:152 Resp: 198750
Ion Ratio Lower Upper
152 100
115 88.5 28.9 86.7#
150 153.9 0.0 349.2



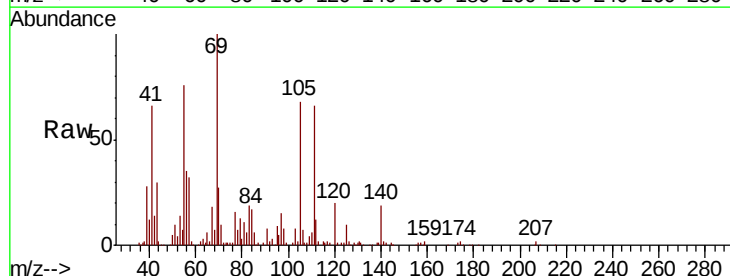
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



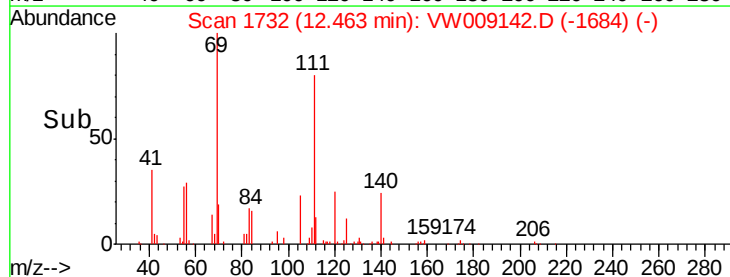
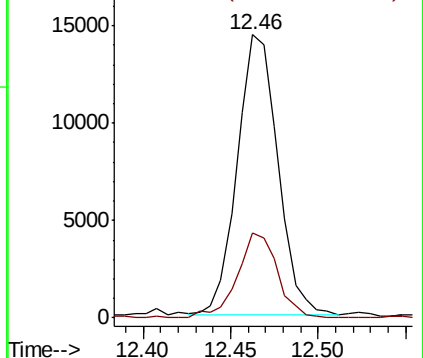
#73

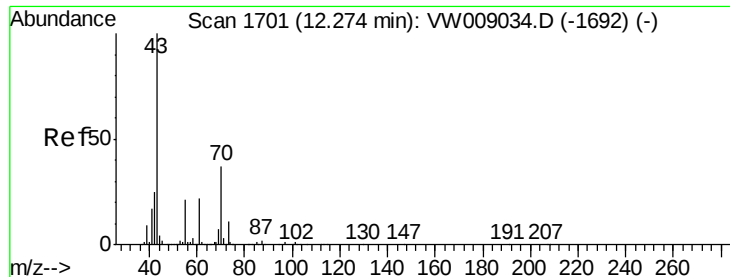
Isopropylbenzene
Concen: 1.637 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW009142.D
Acq: 13 Mar 2019 08:03

Tgt Ion:105 Resp: 23306
Ion Ratio Lower Upper
105 100
120 29.8 13.2 39.6



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





#74

N-ethyl acetate

Concen: 18.236 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

Instrument :

MSVOA_W

ClientSampleId :

HR-06-031119-C

Tgt Ion: 43 Resp: 61443

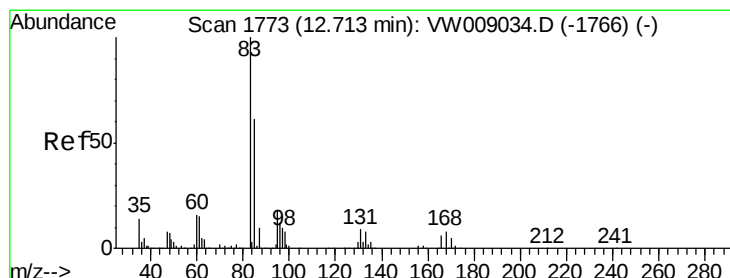
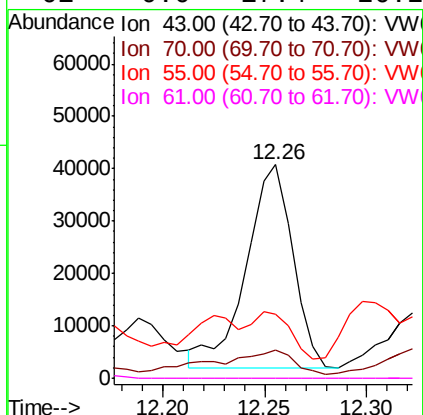
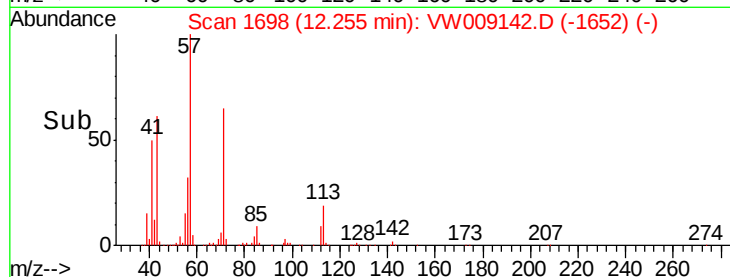
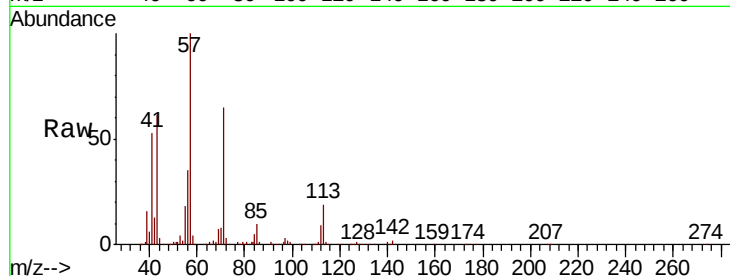
Ion Ratio Lower Upper

43 100

70 19.3 30.8 46.2#

55 15.1 17.8 26.8#

61 0.0 17.4 26.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.454 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

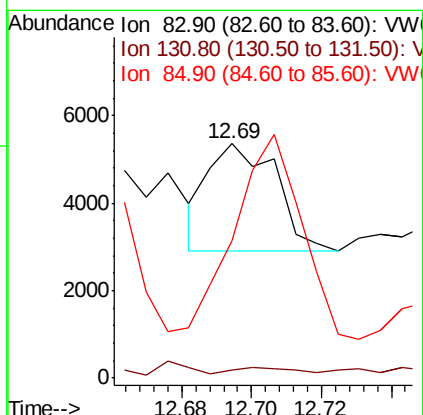
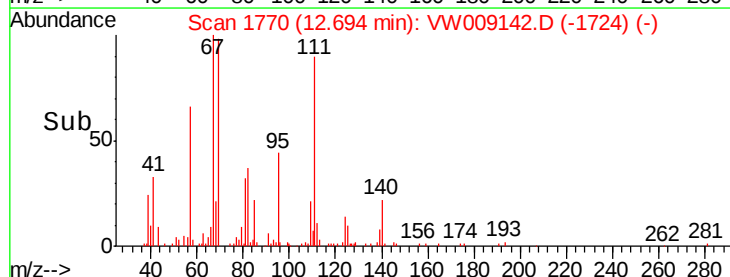
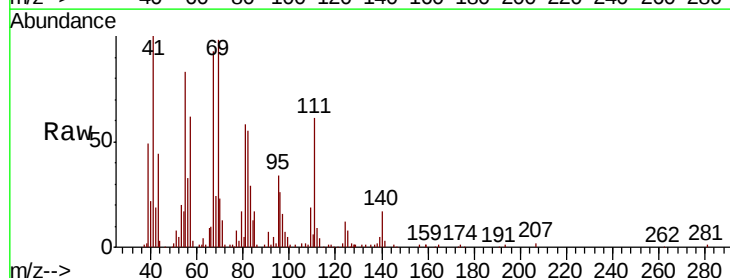
Tgt Ion: 83 Resp: 3265

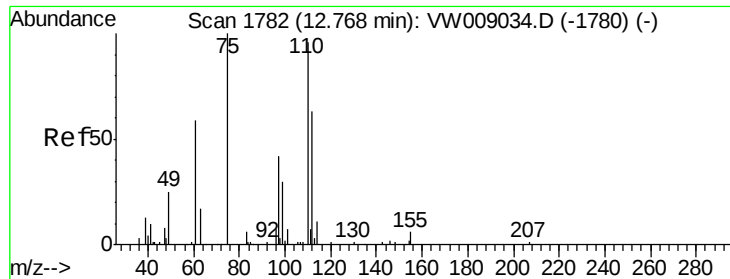
Ion Ratio Lower Upper

83 100

131 5.0 5.5 16.7#

85 0.0 31.7 95.1#





#76

1,2,3-Trichloropropane

Concen: 68.212 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

Instrument :

MSVOA_W

ClientSampleId :

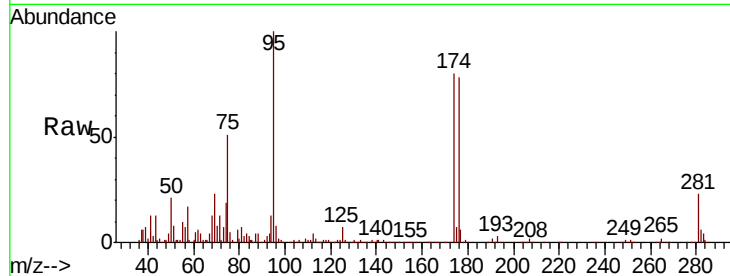
HR-06-031119-C

Tgt Ion: 75 Resp: 107112

Ion Ratio Lower Upper

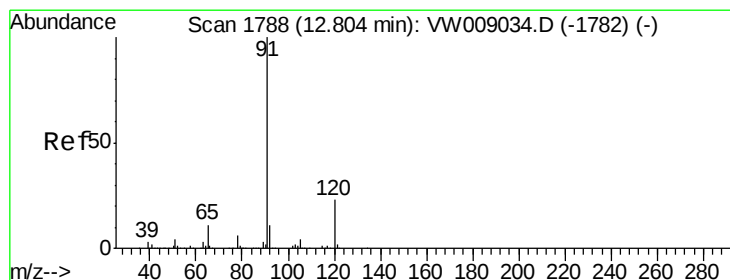
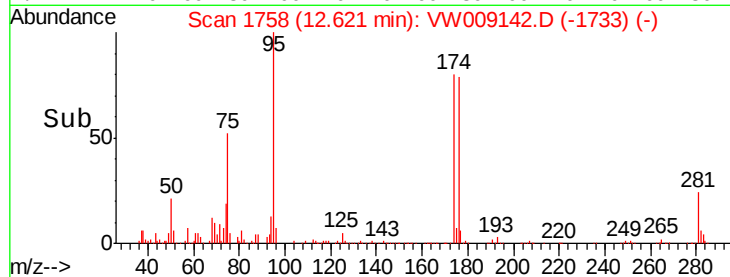
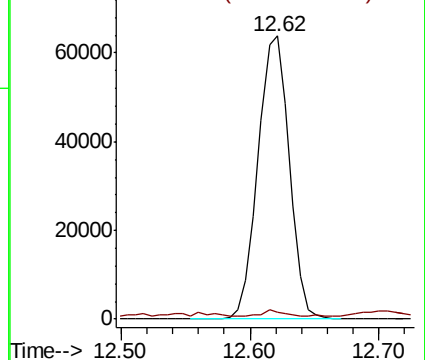
75 100

77 0.0 186.7 560.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 5.555 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW009142.D

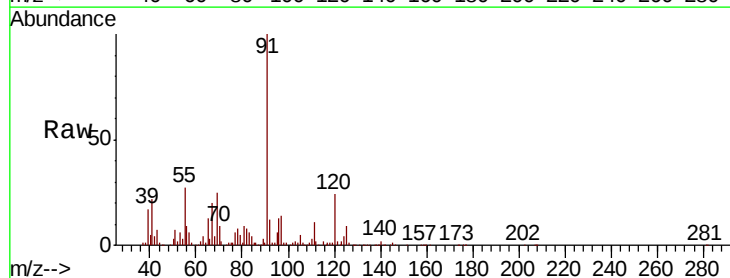
Acq: 13 Mar 2019 08:03

Tgt Ion: 91 Resp: 97379

Ion Ratio Lower Upper

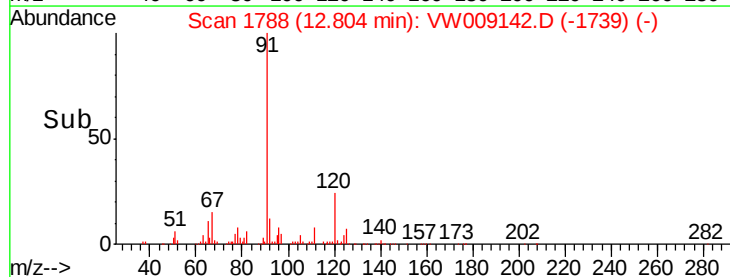
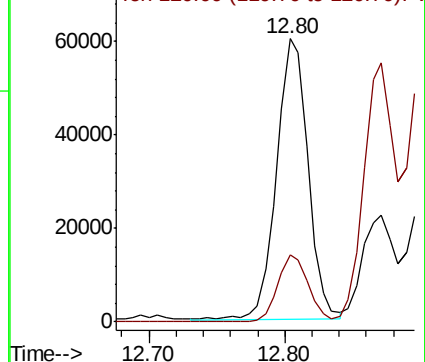
91 100

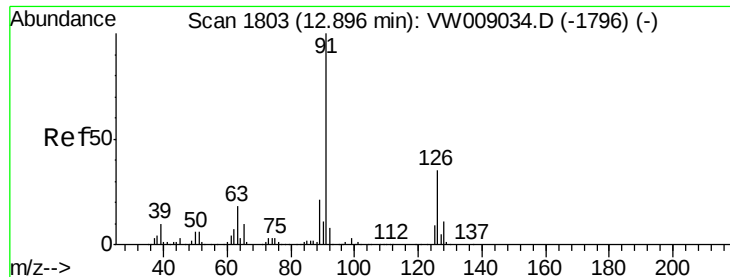
120 23.2 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

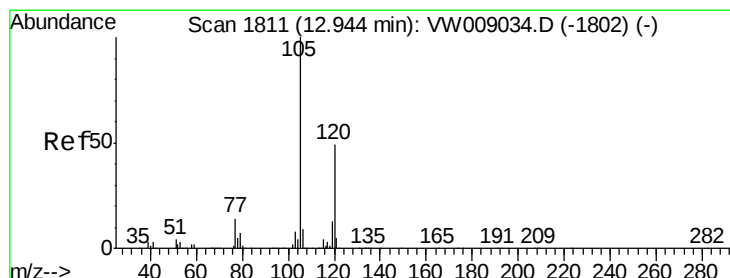
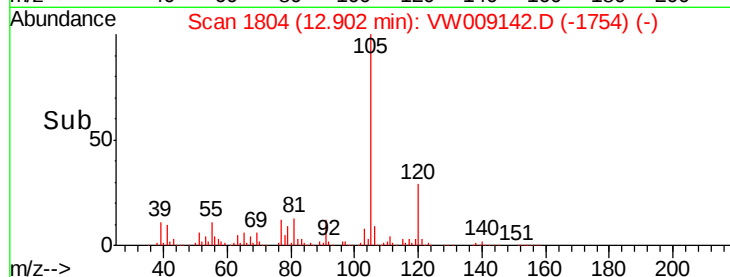
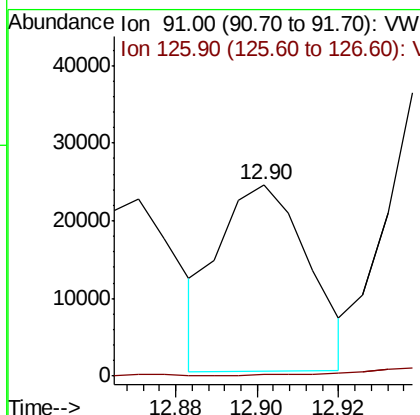
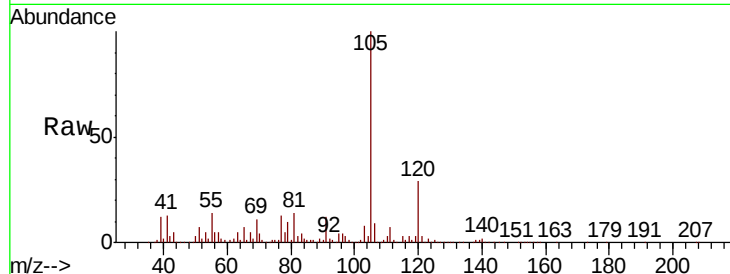




#79
 2-Chlorotoluene
 Concen: 3.724 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW009142.D
 Acq: 13 Mar 2019 08:03

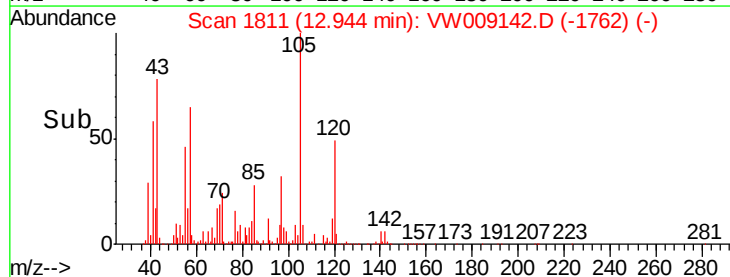
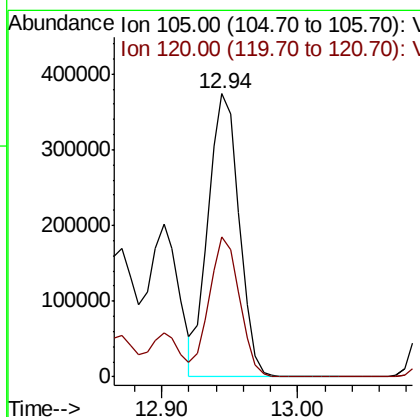
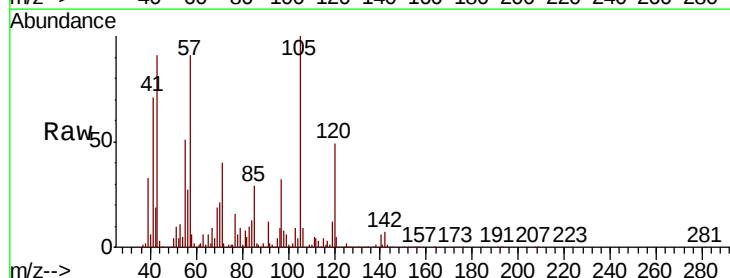
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-031119-C

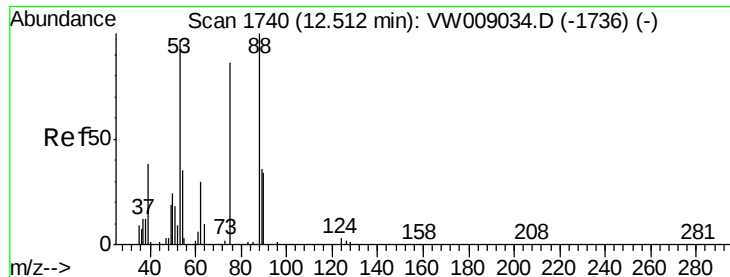
Tgt Ion: 91 Resp: 36682
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.8 50.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 47.935 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW009142.D
 Acq: 13 Mar 2019 08:03

Tgt Ion: 105 Resp: 588086
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 152.571 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

Instrument :

MSVOA_W

ClientSampleId :

HR-06-031119-C

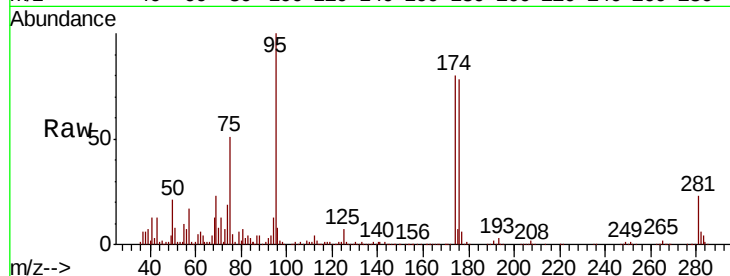
Tgt Ion: 75 Resp: 107112

Ion Ratio Lower Upper

75 100

53 0.7 90.5 135.7#

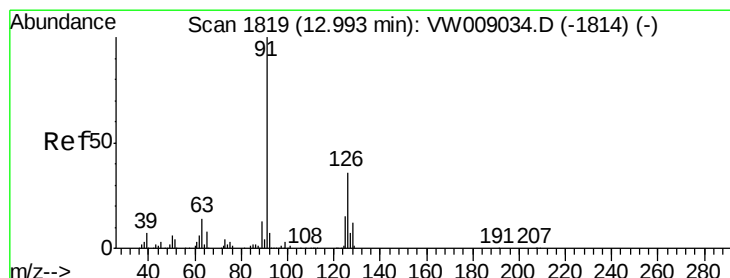
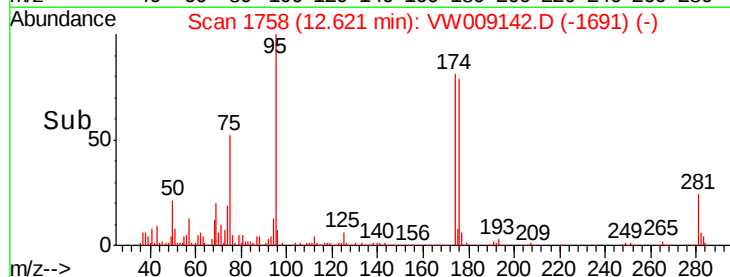
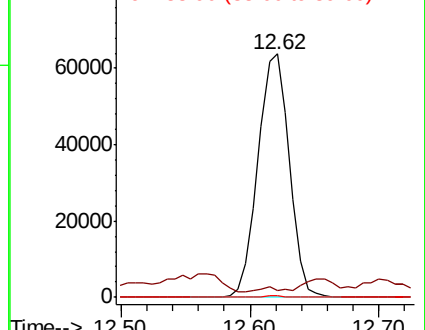
89 0.5 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 6.864 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW009142.D

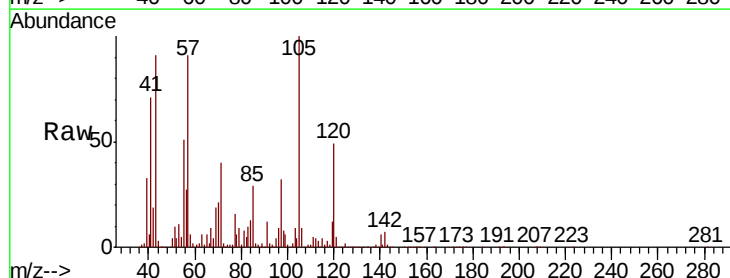
Acq: 13 Mar 2019 08:03

Tgt Ion: 91 Resp: 72074

Ion Ratio Lower Upper

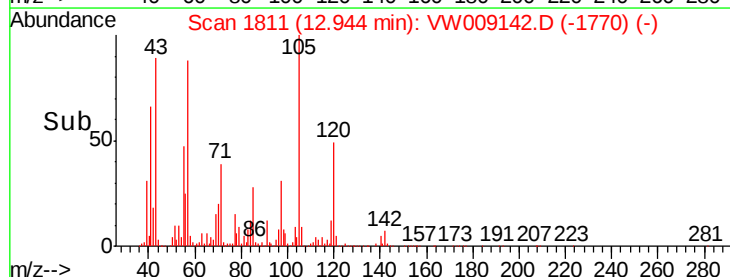
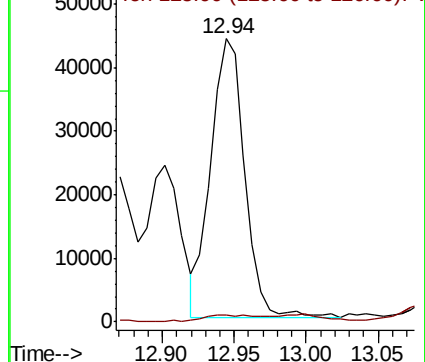
91 100

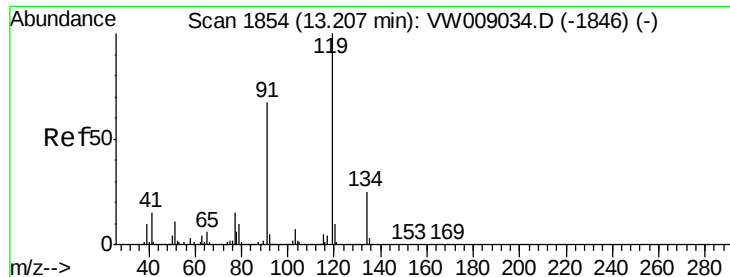
126 3.7 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.387 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

Instrument :

MSVOA_W

ClientSampleId :

HR-06-031119-C

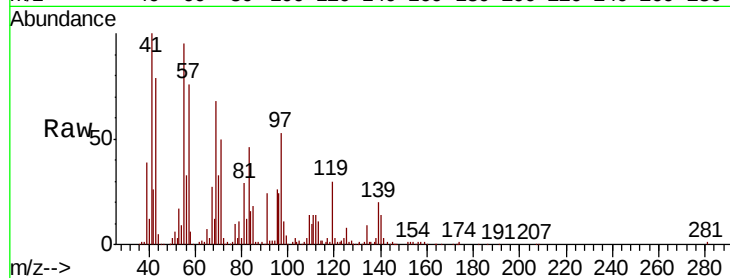
Tgt Ion:119 Resp: 14347

Ion Ratio Lower Upper

119 100

91 87.7 34.2 102.5

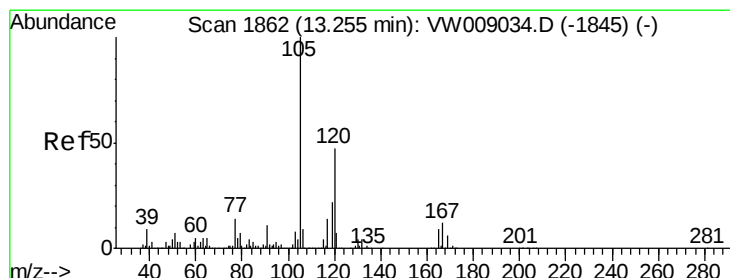
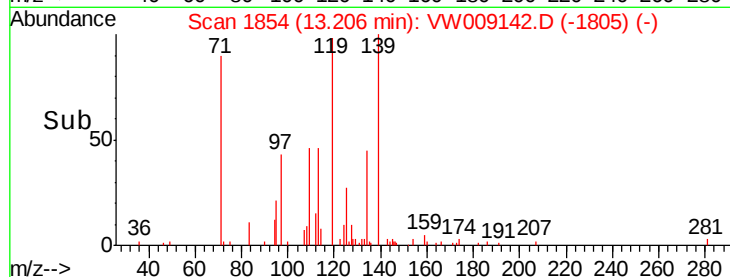
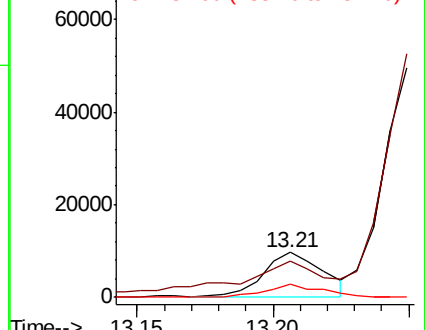
134 28.0 13.9 41.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.884 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW009142.D

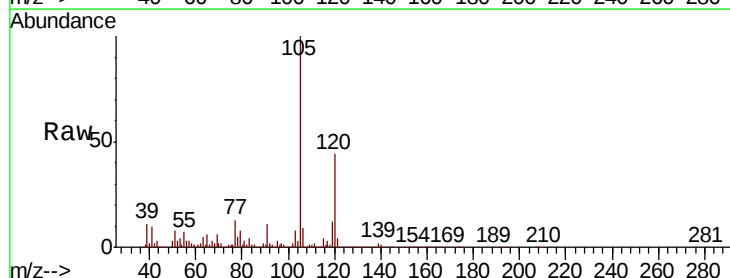
Acq: 13 Mar 2019 08:03

Tgt Ion:105 Resp: 705955

Ion Ratio Lower Upper

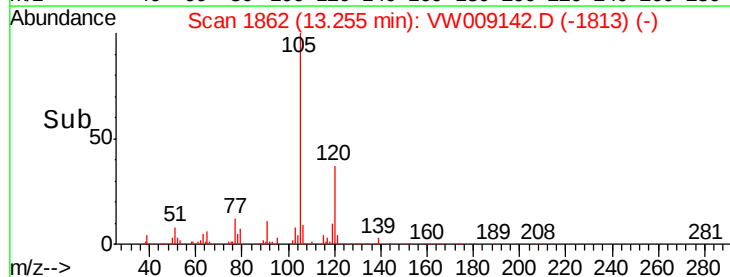
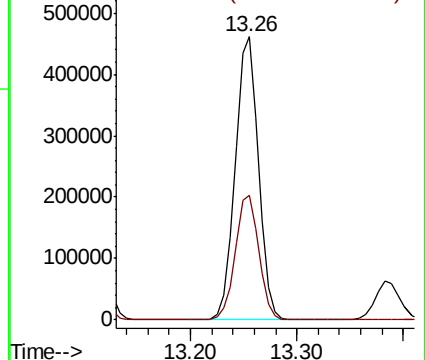
105 100

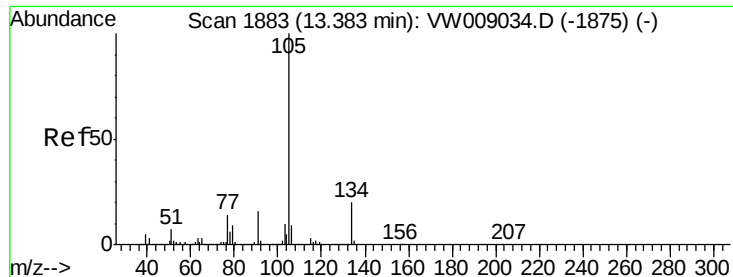
120 44.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

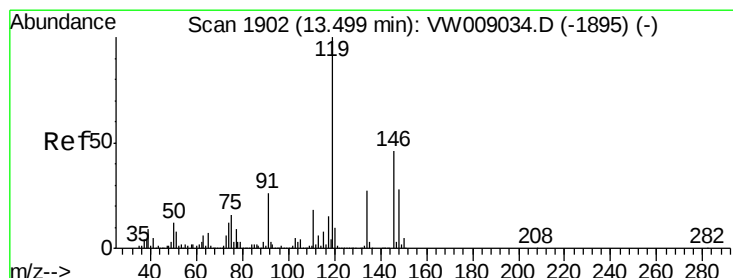
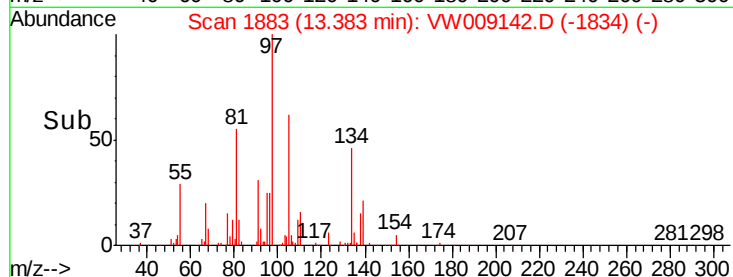
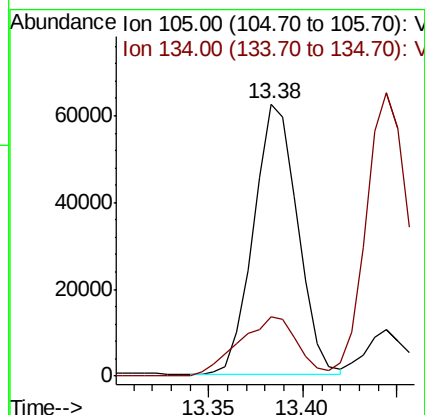
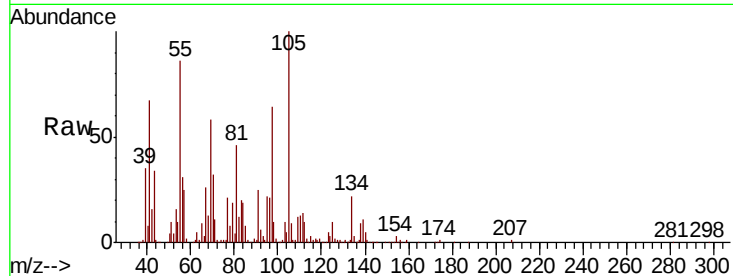




#85
 sec-Butylbenzene
 Concen: 6.574 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW009142.D
 Acq: 13 Mar 2019 08:03

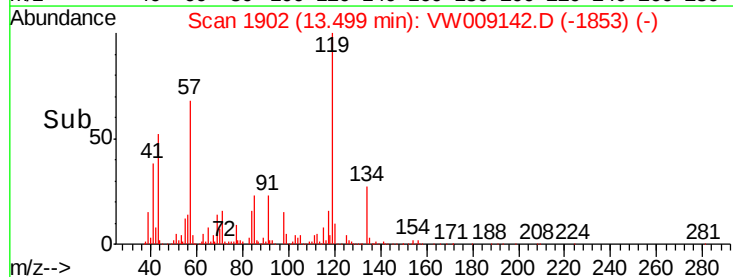
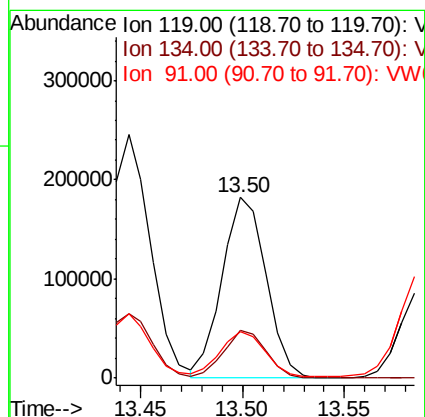
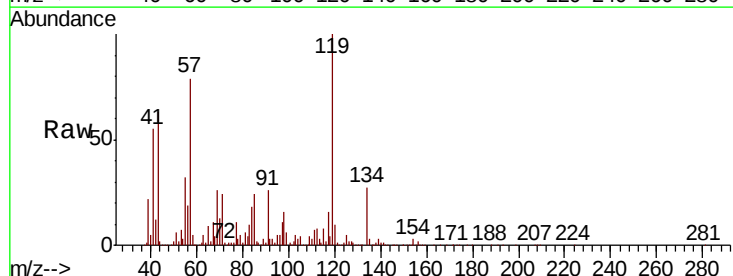
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-031119-C

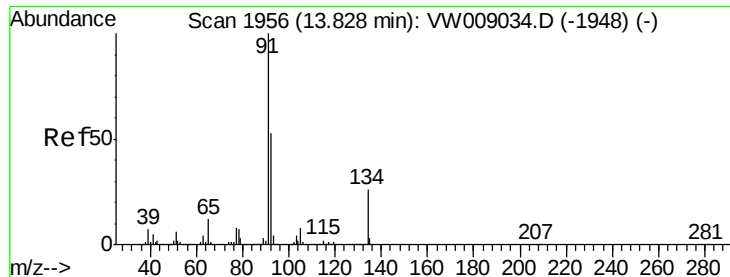
Tgt Ion:105 Resp: 100777
 Ion Ratio Lower Upper
 105 100
 134 29.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 19.767 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW009142.D
 Acq: 13 Mar 2019 08:03

Tgt Ion:119 Resp: 271082
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.9
 91 24.3 12.3 36.9





#89

n-Butylbenzene

Concen: 13.858 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

Instrument :

MSVOA_W

ClientSampleId :

HR-06-031119-C

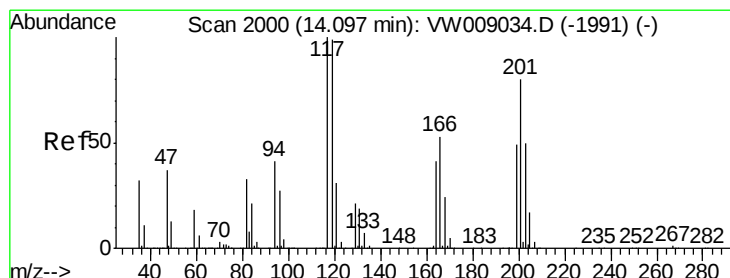
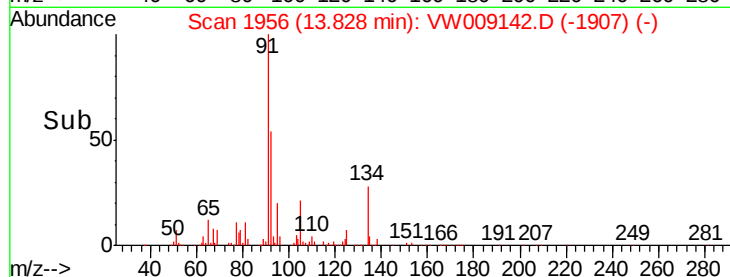
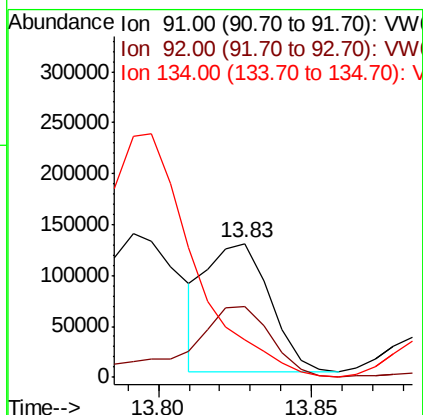
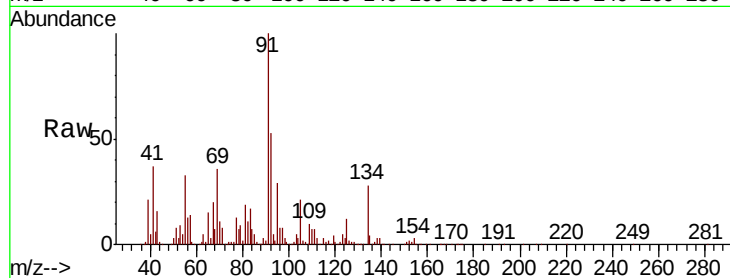
Tgt Ion: 91 Resp: 180671

Ion Ratio Lower Upper

91 100

92 70.8 26.8 80.3

134 0.0 12.9 38.7#



#90

Hexachloroethane

Concen: 40.259 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW009142.D

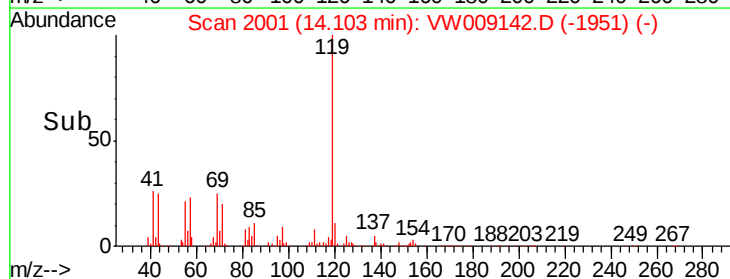
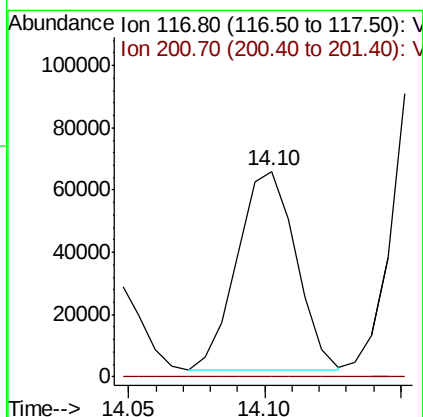
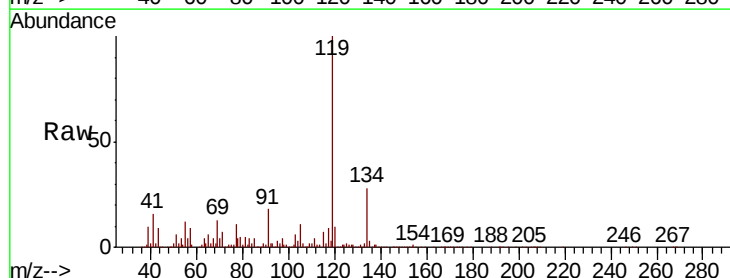
Acq: 13 Mar 2019 08:03

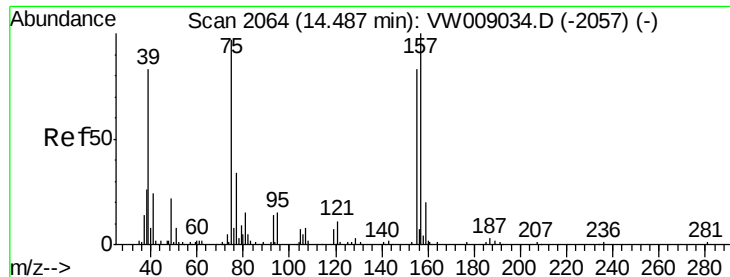
Tgt Ion: 117 Resp: 95222

Ion Ratio Lower Upper

117 100

201 0.1 39.1 117.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 7.730 ug/l

RT: 14.50 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

Instrument :

MSVOA_W

ClientSampleId :

HR-06-031119-C

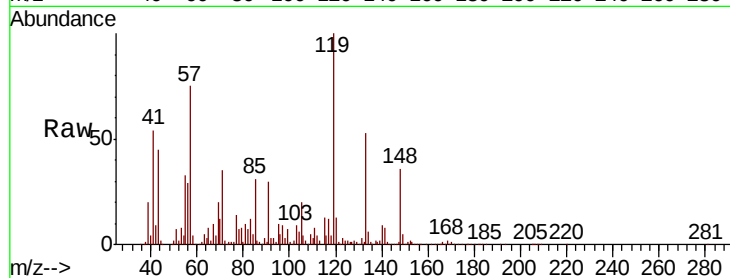
Tgt Ion: 75 Resp: 3091

Ion Ratio Lower Upper

75 100

155 90.5 40.8 122.4

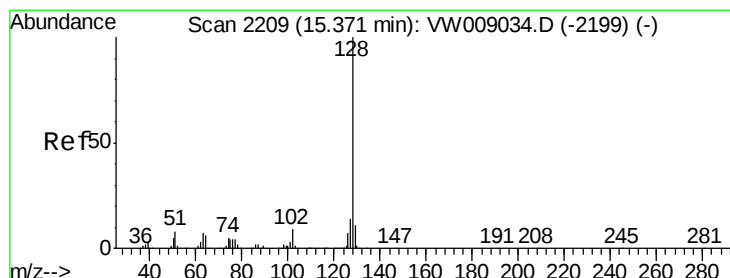
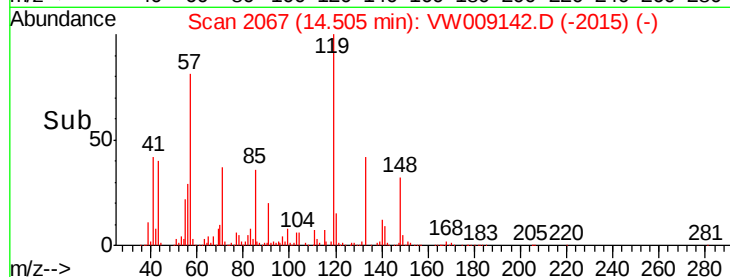
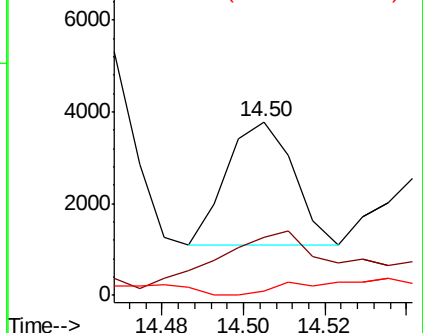
157 0.0 52.4 157.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 55.176 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW009142.D

Acq: 13 Mar 2019 08:03

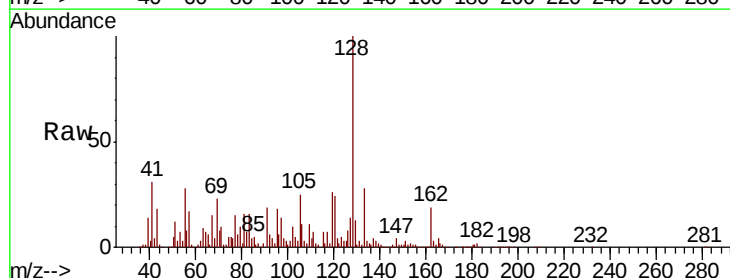
Tgt Ion: 128 Resp: 367801

Ion Ratio Lower Upper

128 100

127 11.5 11.0 16.6

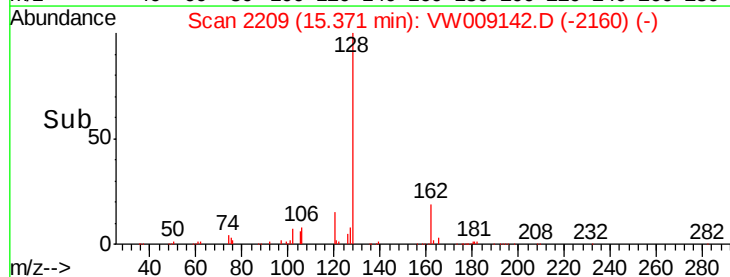
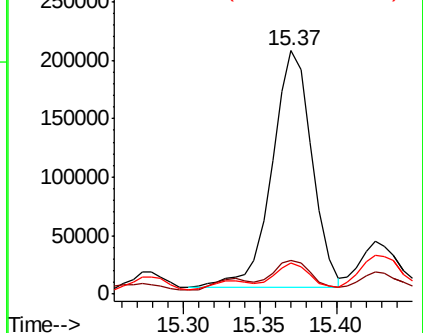
129 8.7 8.8 13.2#

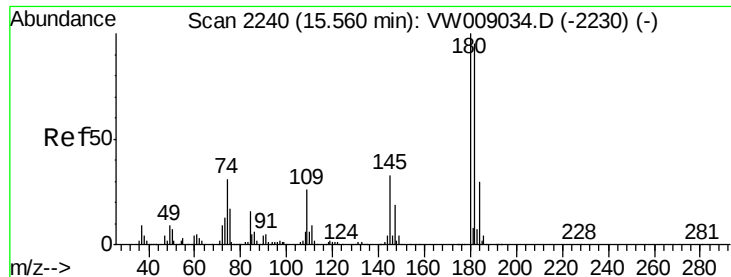


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.576 ug/l
 RT: 15.59 min Scan# 2245
 Delta R.T. 0.03 min
 Lab File: VW009142.D
 Acq: 13 Mar 2019 08:03

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-031119-C

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.3#
145	0.0	15.8	47.3#

