

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013235.D
 Acq On : 23 Sep 2019 16:56
 Operator : SY/VA
 Sample : K4665-01
 Misc : 5.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-091919

Quant Time: Sep 24 06:40:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	307626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	466892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141902	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	138230	55.06	ug/l	0.00
Spiked Amount			Recovery	=	110.12%	
35) Dibromofluoromethane	7.88	113	131035	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
50) Toluene-d8	10.32	98	525860	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.62	95	159051	43.33	ug/l	0.00
Spiked Amount			Recovery	=	86.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	10976	52.754	ug/l #	73
16) Acetone	4.12	43	76981	135.964	ug/l	99
18) Methyl Acetate	4.67	43	1646	1.034	ug/l #	76
20) Methylene Chloride	4.92	84	11378	1.088	ug/l #	79
25) 2-Butanone	7.18	43	2161	2.543	ug/l	93
26) 2,2-Dichloropropane	7.13	77	1058	Below Cal	#	52
29) Tetrahydrofuran	7.53	42	4524	8.679	ug/l	94
31) Cyclohexane	7.95	56	11204	2.059	ug/l #	41
36) 1,1-Dichloropropene	7.94	75	19818	4.382	ug/l #	48
38) Carbon Tetrachloride	7.94	117	26670	6.579	ug/l #	19
39) Methylcyclohexane	9.34	83	12538	2.157	ug/l #	92
41) Methacrylonitrile	7.52	41	2676	2.333	ug/l #	33
52) Toluene	10.39	92	9569	1.184	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	6217	2.782	ug/l #	26
59) 2-Hexanone	10.94	43	2774	2.183	ug/l #	28
67) Ethyl Benzene	11.73	91	33473	2.383	ug/l	99
68) m/p-Xylenes	11.83	106	55627	10.394	ug/l	98
69) o-Xylene	12.16	106	129308	25.987	ug/l	97
73) Isopropylbenzene	12.46	105	31913	3.044	ug/l	99
74) N-amyl acetate	12.25	43	13602	5.848	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.70	83	3617	2.063	ug/l #	79
76) 1,2,3-Trichloropropane	12.86	75	3508	2.799	ug/l #	100
78) n-propylbenzene	12.80	91	149955	12.221	ug/l	99
79) 2-Chlorotoluene	12.90	91	37561	5.464	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	465119	52.785	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74172	132.810	ug/l #	13
82) 4-Chlorotoluene	12.94	91	45531	6.281	ug/l #	44
83) tert-Butylbenzene	13.25	119	96486	12.476	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.25	105	764306	87.167	ug/l	99
85) sec-Butylbenzene	13.38	105	93114	8.733	ug/l	80
86) p-Isopropyltoluene	13.50	119	97063	9.814	ug/l	99
89) n-Butylbenzene	13.82	91	139871	15.489	ug/l #	73
90) Hexachloroethane	14.10	117	46183	27.798	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.50	75	1044	3.893	ug/l #	8

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Response via : Initial Calibration

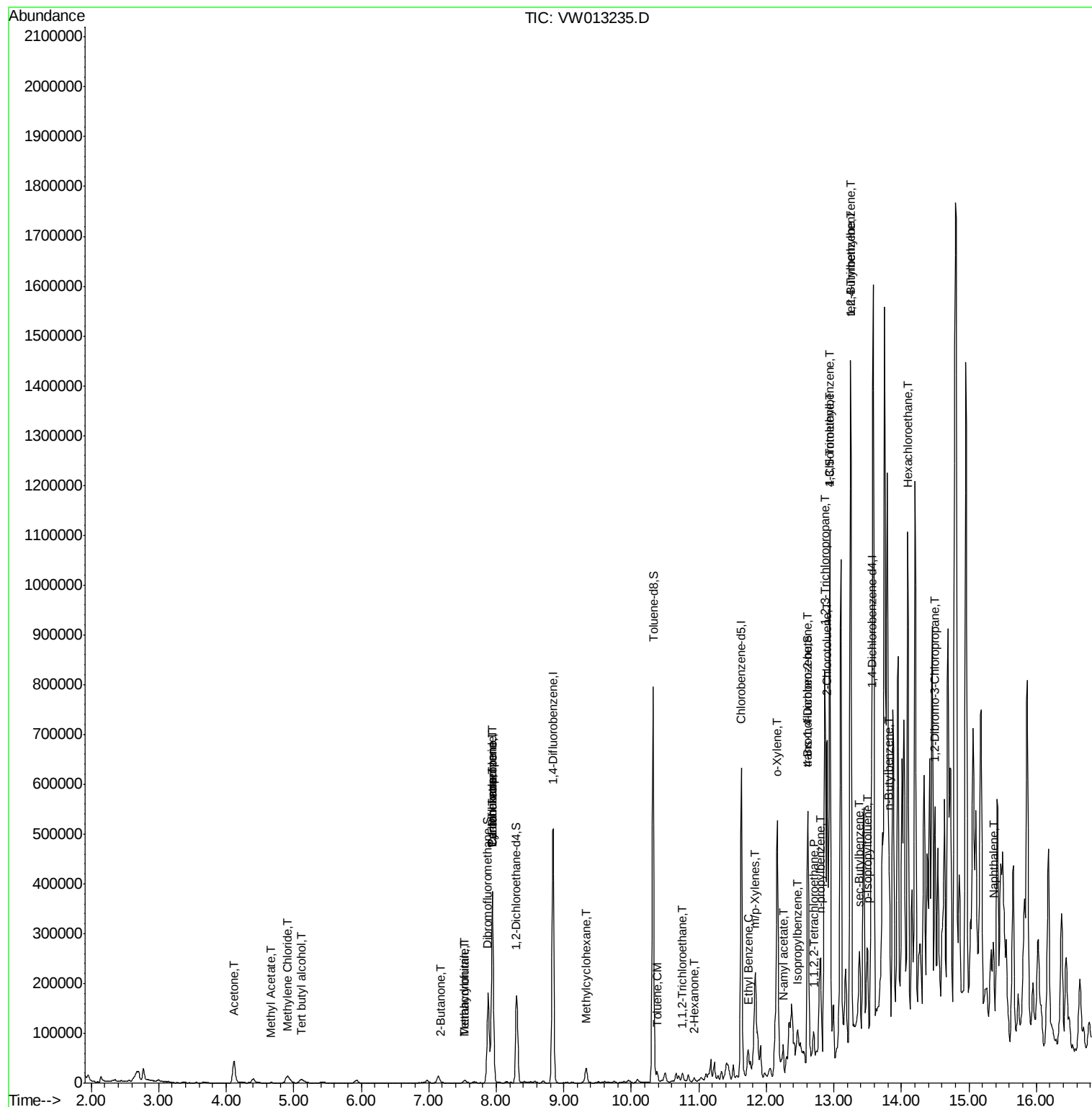
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.36	128	78434	16.181	ug/l #	94

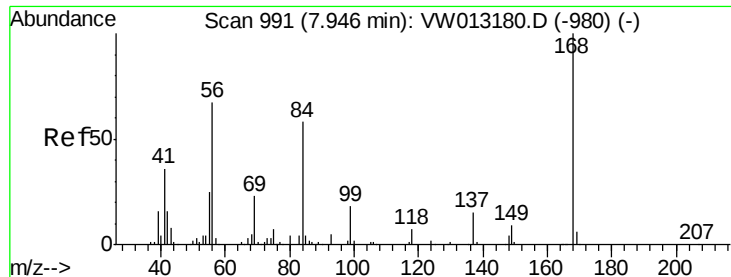
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

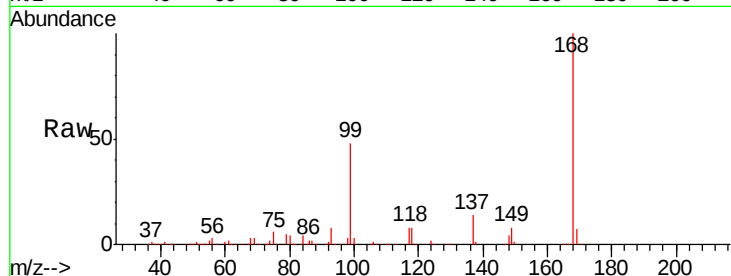
EO-01-091919

Tgt Ion: 168 Resp: 307626

Ion Ratio Lower Upper

168 100

99 48.1 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

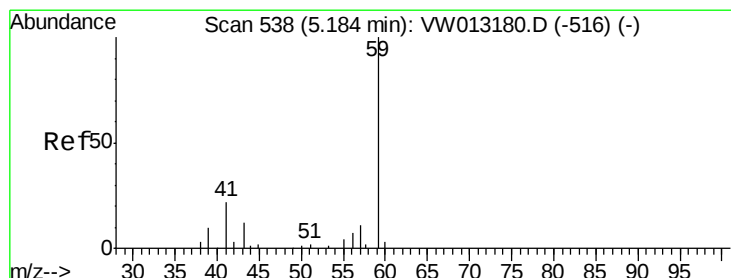
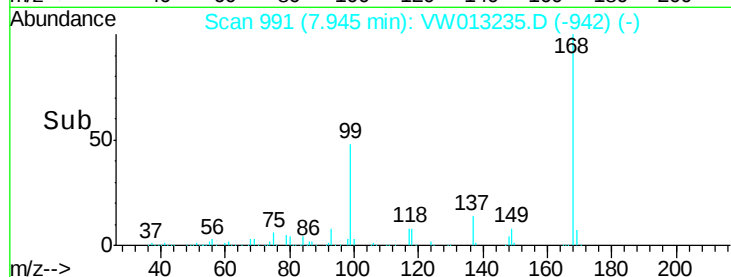
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 52.754 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.07 min

Lab File: VW013235.D

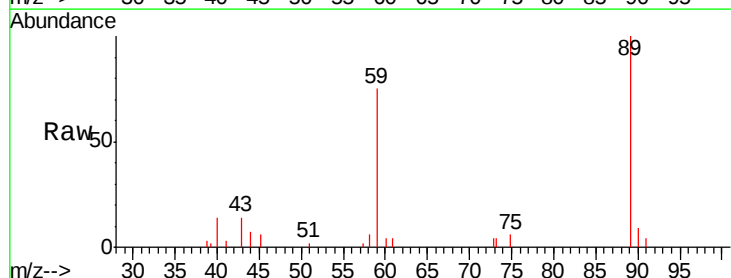
Acq: 23 Sep 2019 16:56

Tgt Ion: 59 Resp: 10976

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

2500

2000

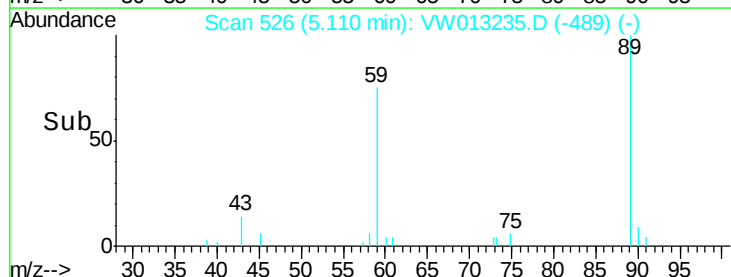
1500

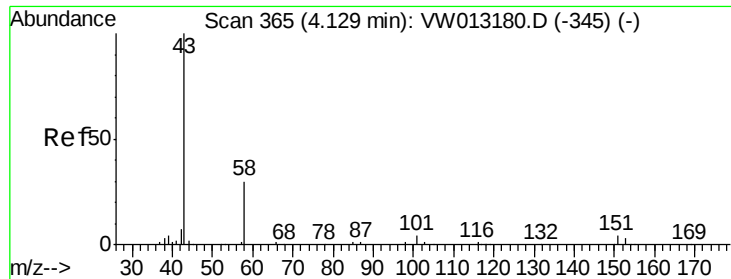
1000

500

0

Time--> 5.00 5.10 5.20 5.30





#16

Acetone

Concen: 135.964 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

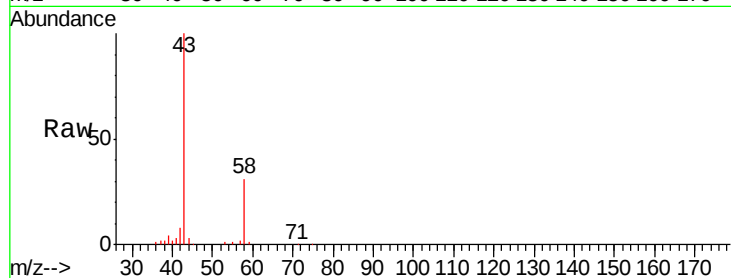
EO-01-091919

Tgt Ion: 43 Resp: 76981

Ion Ratio Lower Upper

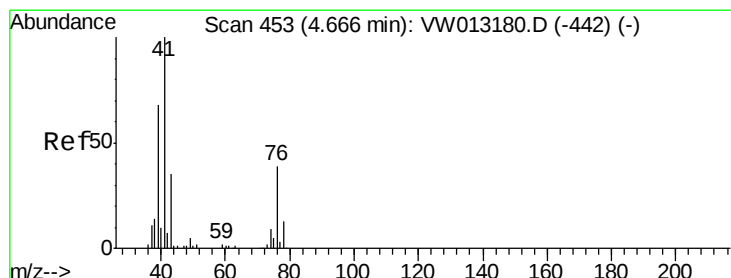
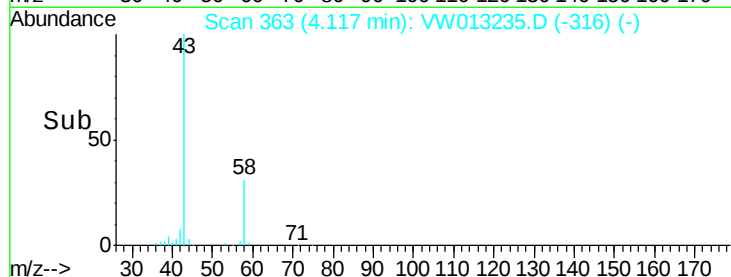
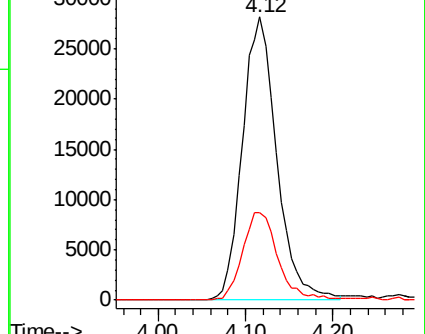
43 100

58 30.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.034 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013235.D

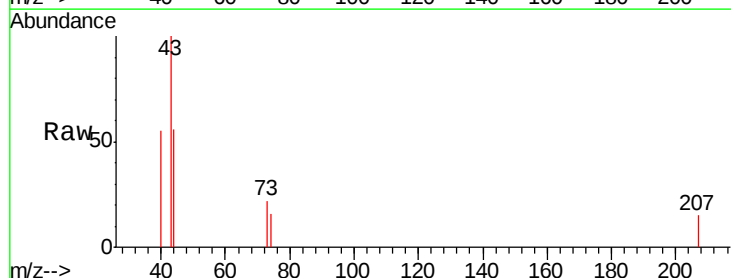
Acq: 23 Sep 2019 16:56

Tgt Ion: 43 Resp: 1646

Ion Ratio Lower Upper

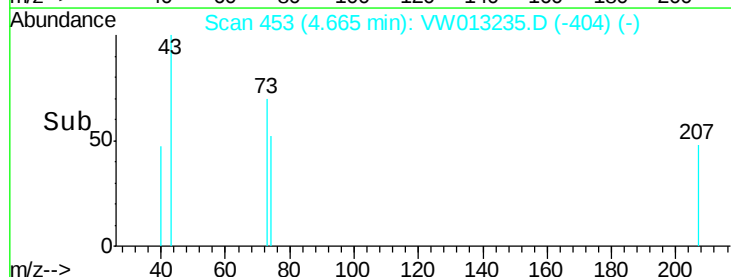
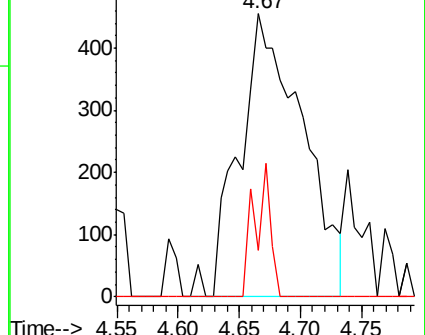
43 100

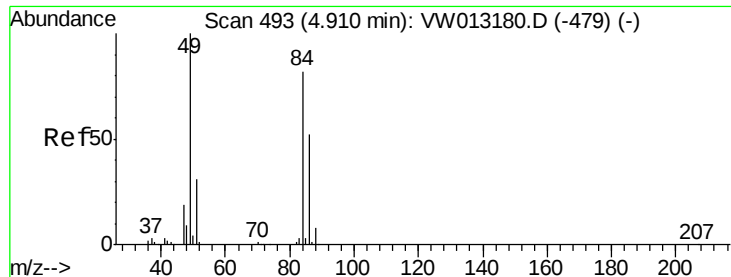
74 12.1 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methylene Chloride

Concen: 1.088 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

EO-01-091919

Tgt Ion: 84 Resp: 11378

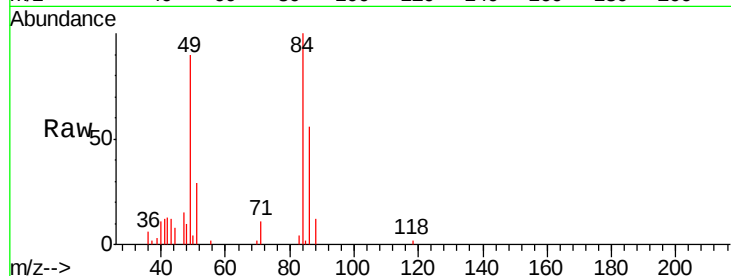
Ion Ratio Lower Upper

84 100

49 89.8 97.6 146.4#

51 28.8 30.2 45.2#

86 56.2 50.6 76.0

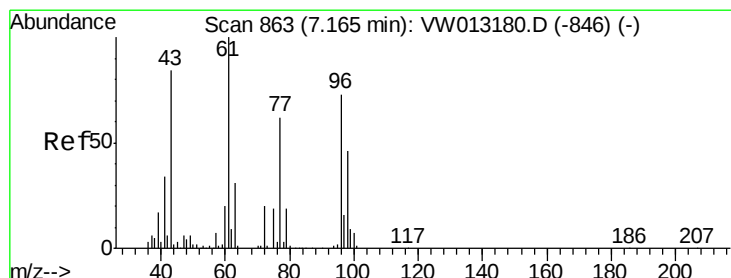
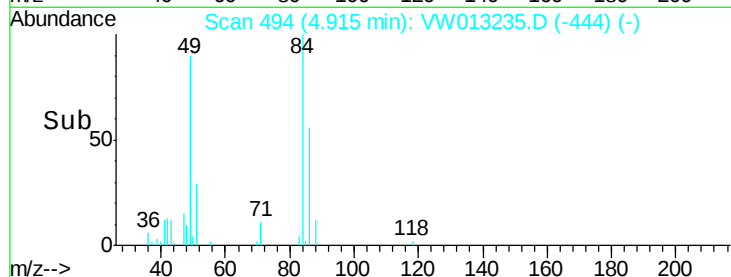
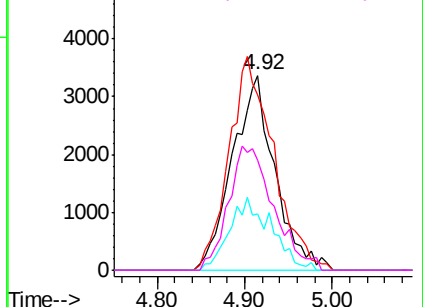


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 2.543 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013235.D

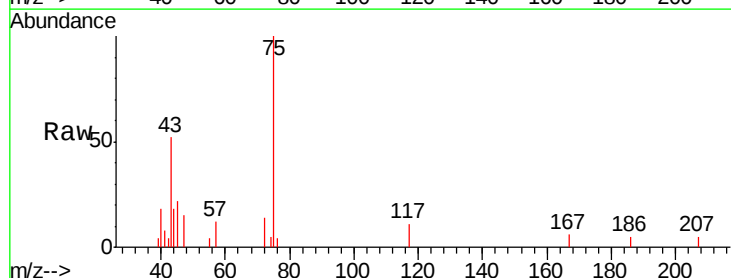
Acq: 23 Sep 2019 16:56

Tgt Ion: 43 Resp: 2161

Ion Ratio Lower Upper

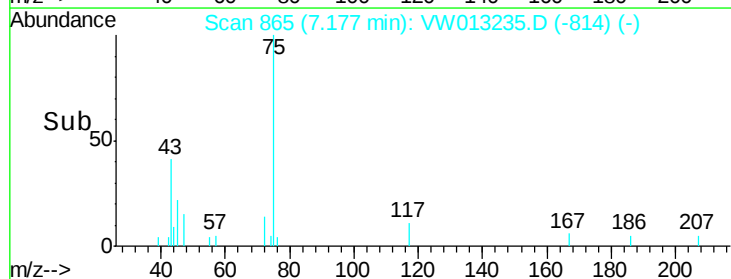
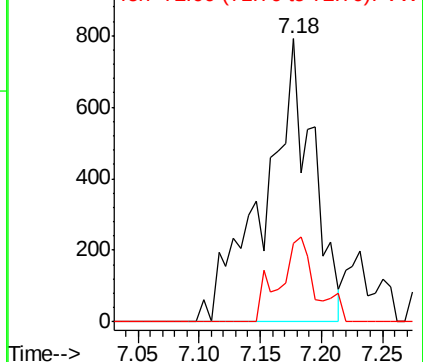
43 100

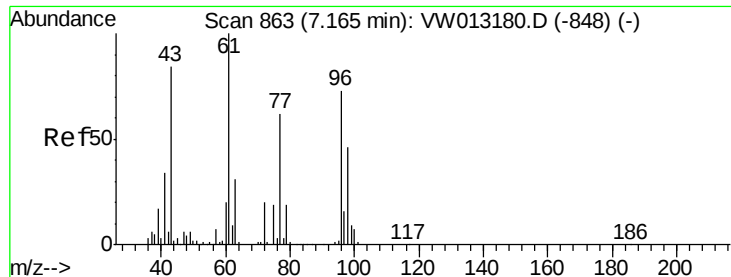
72 27.6 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

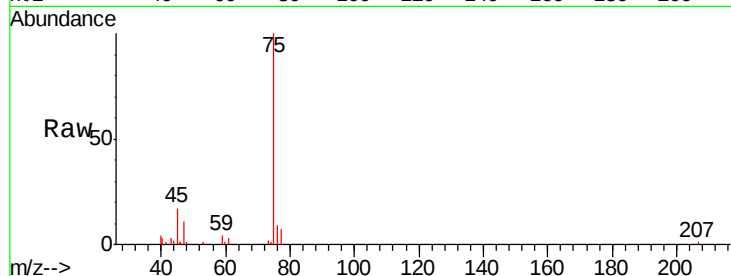
EO-01-091919

Tgt Ion: 77 Resp: 1058

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.13

600

500

400

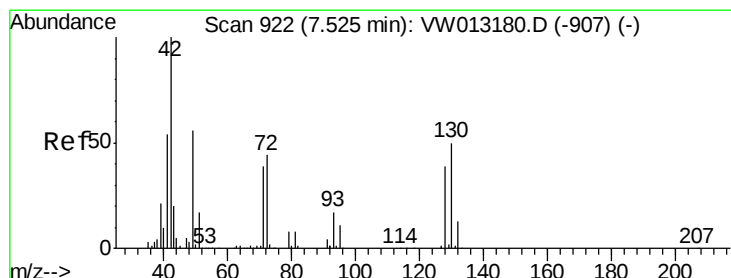
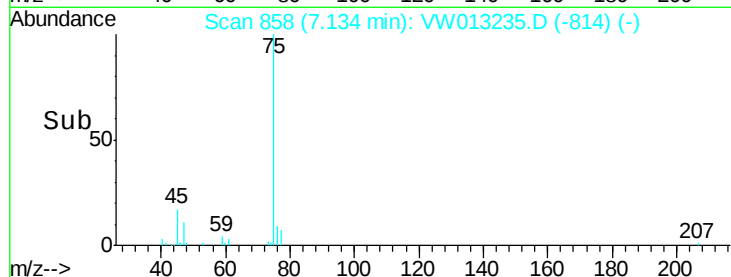
300

200

100

0

Time-->



#29

Tetrahydrofuran

Concen: 8.679 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

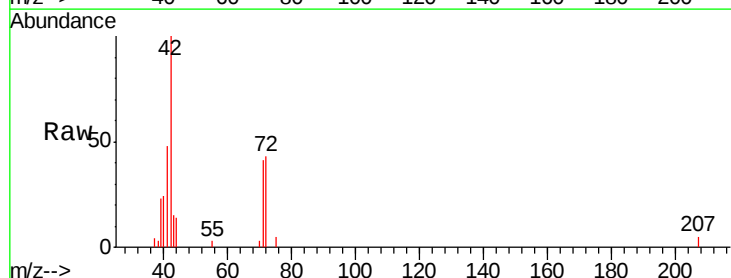
Tgt Ion: 42 Resp: 4524

Ion Ratio Lower Upper

42 100

72 47.6 33.9 50.9

71 37.5 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

2000

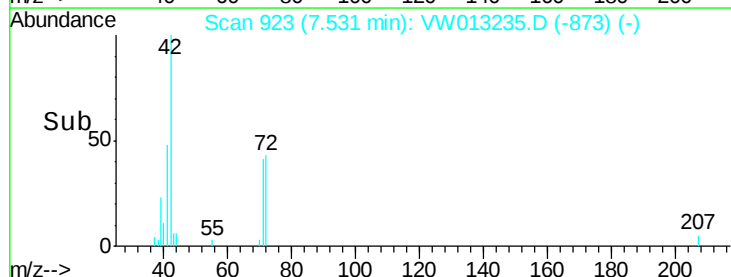
1500

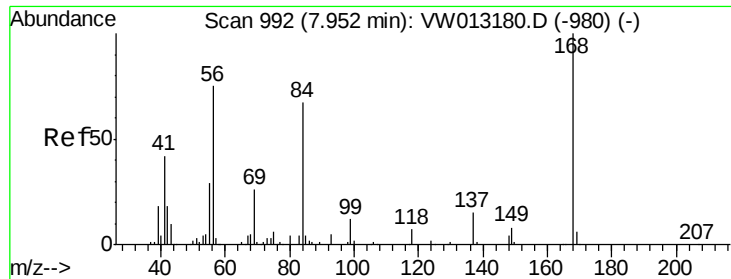
1000

500

0

Time-->

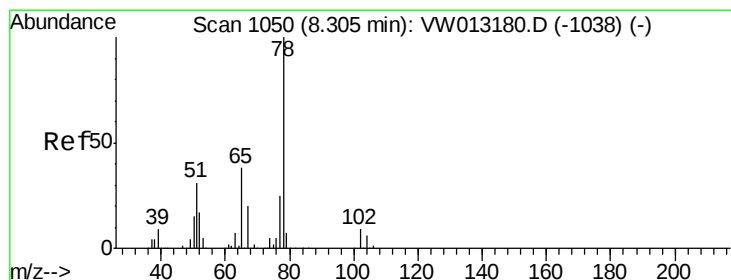
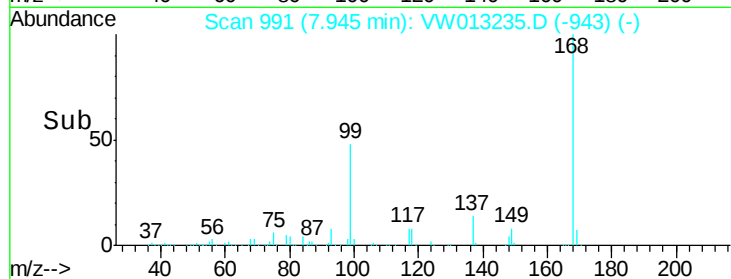
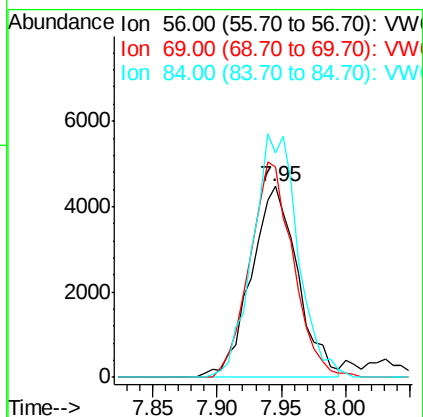
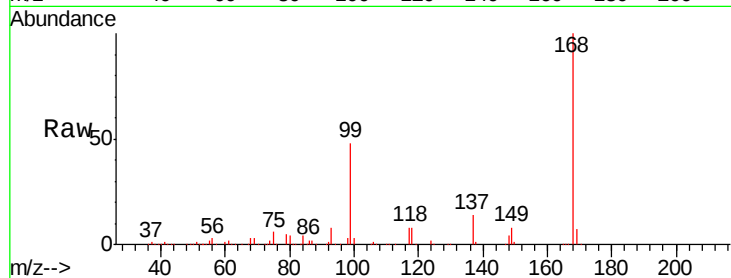




#31
Cyclohexane
Concen: 2.059 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

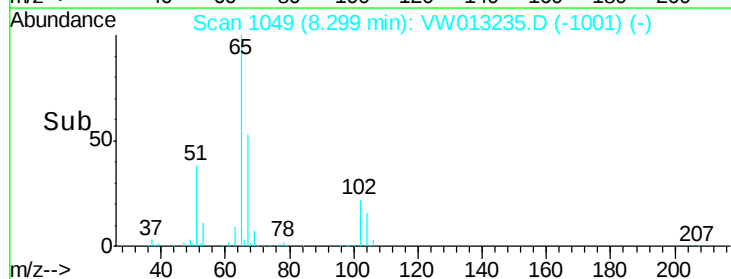
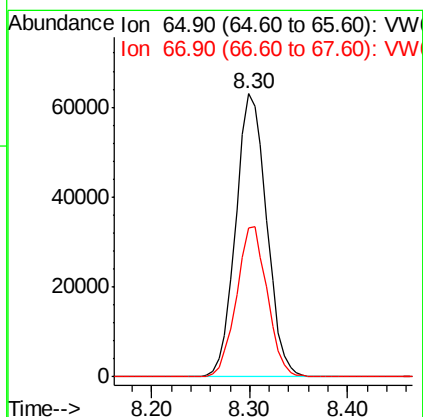
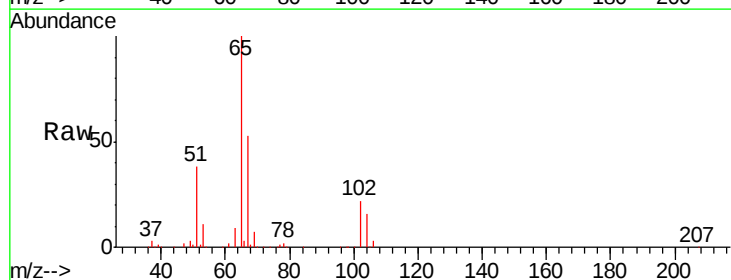
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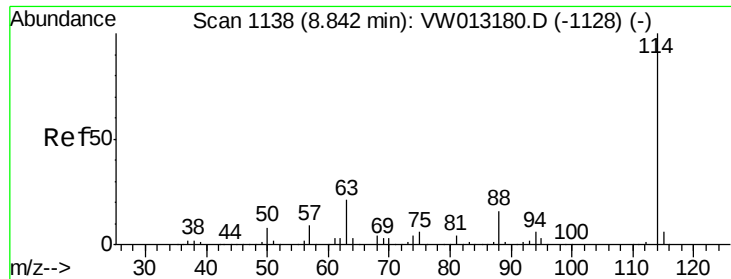
Tgt Ion: 56 Resp: 11204
Ion Ratio Lower Upper
56 100
69 110.4 27.2 40.8#
84 117.4 70.8 106.2#



#33
1,2-Dichloroethane-d4
Concen: 55.057 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Tgt Ion: 65 Resp: 138230
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.2

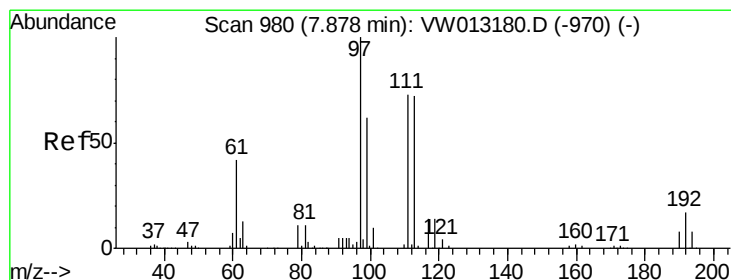
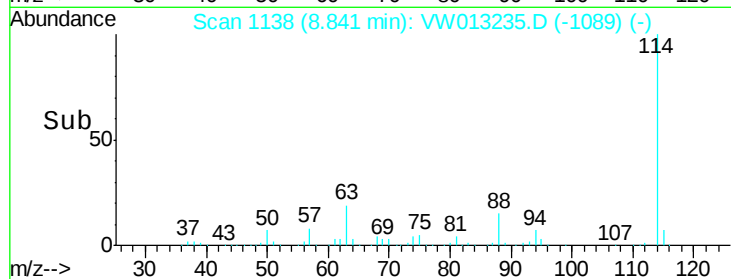
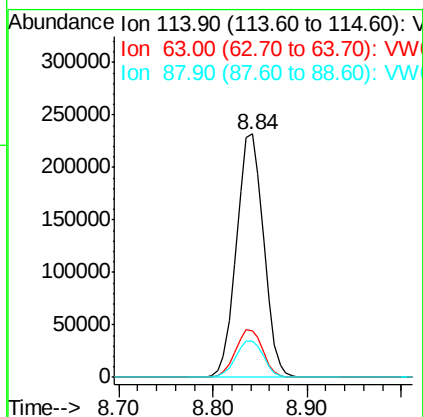
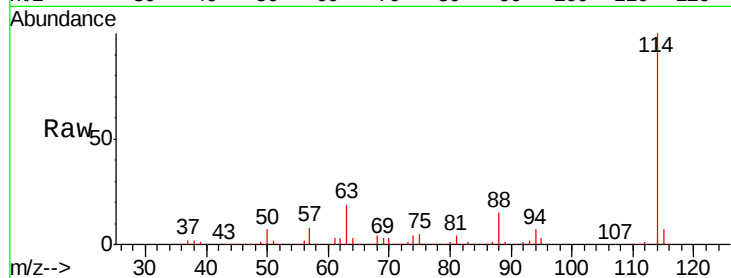




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

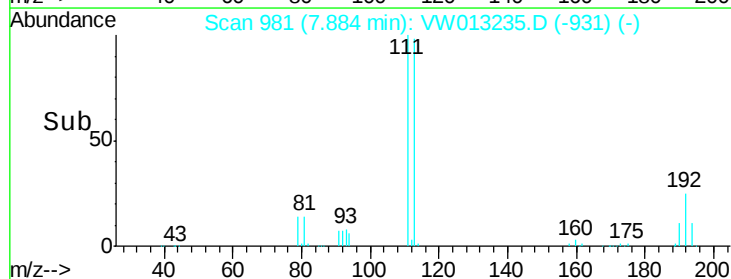
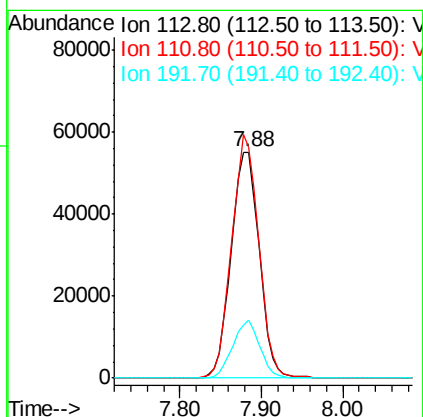
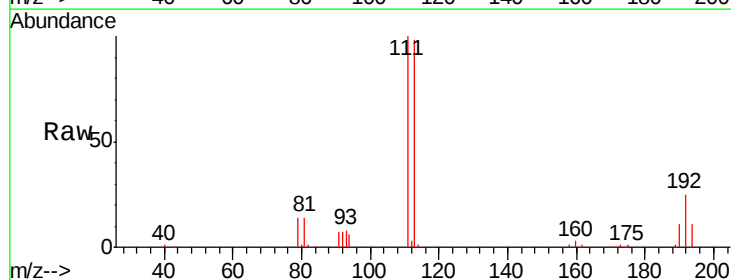
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-091919

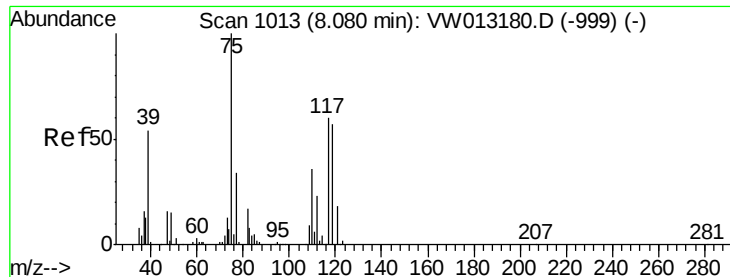
Tgt Ion:114 Resp: 466892
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 14.9 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 51.028 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

Tgt Ion:113 Resp: 131035
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.9 122.9
 192 24.4 19.1 28.7





#36

1,1-Dichloropropene

Concen: 4.382 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

EO-01-091919

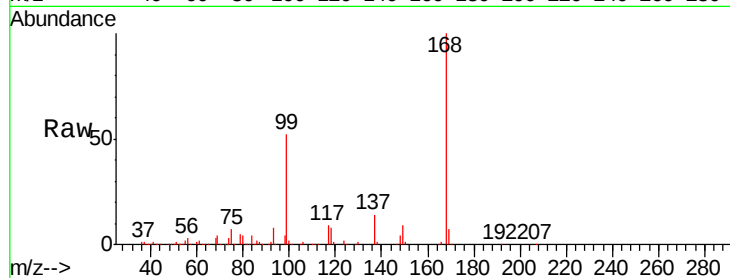
Tgt Ion: 75 Resp: 19818

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.3#

77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

12000

10000

8000

6000

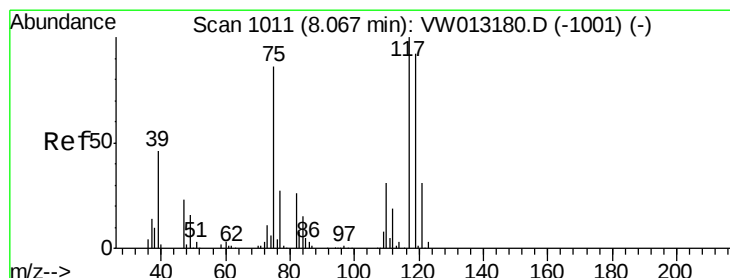
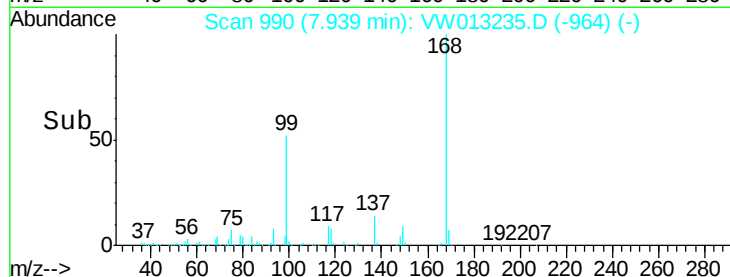
4000

2000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#38

Carbon Tetrachloride

Concen: 6.579 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

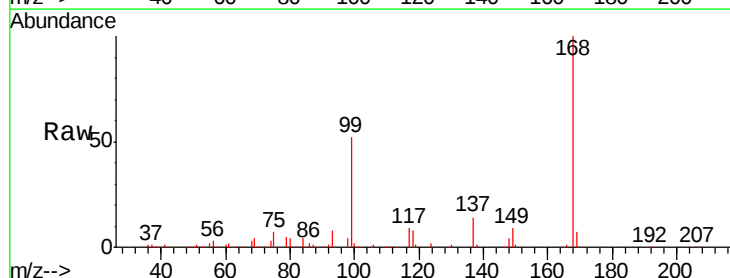
Tgt Ion: 117 Resp: 26670

Ion Ratio Lower Upper

117 100

119 6.6 73.5 110.3#

121 0.0 25.0 37.6#



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

15000

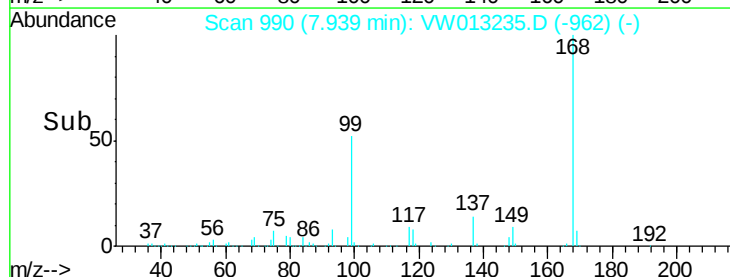
10000

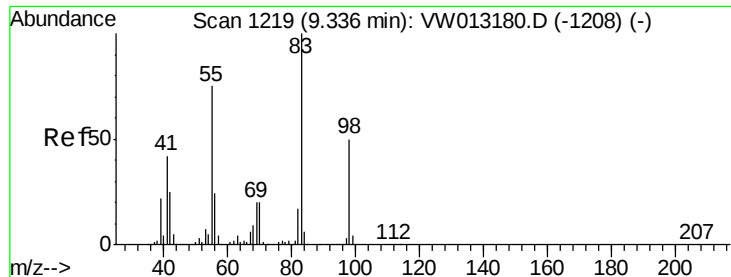
5000

0

7.85 7.90 7.95 8.00 8.05

Time-->

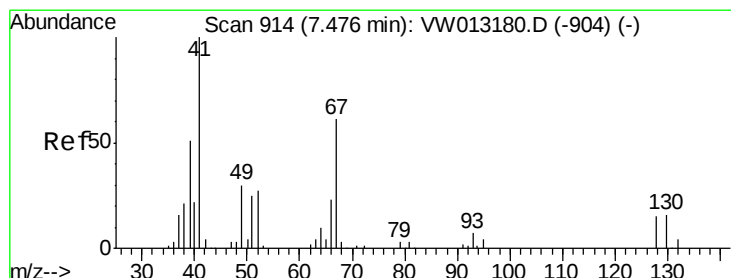
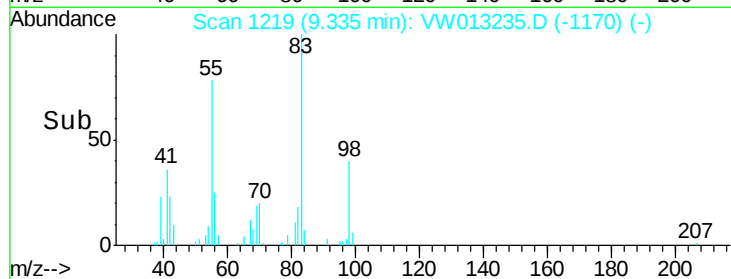
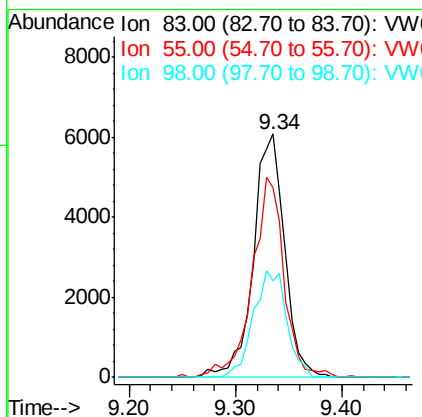
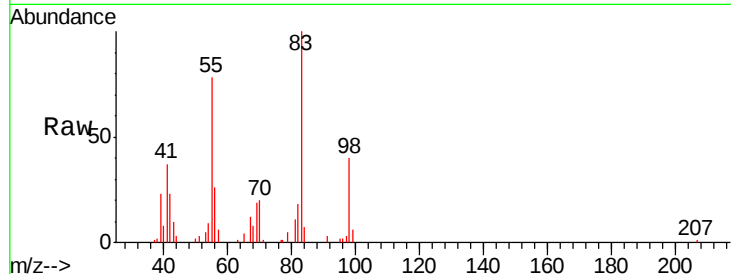




#39
Methylcyclohexane
Concen: 2.157 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

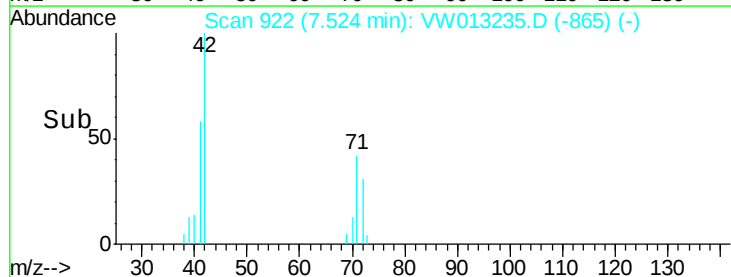
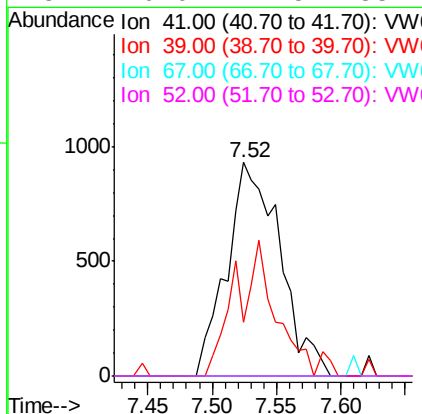
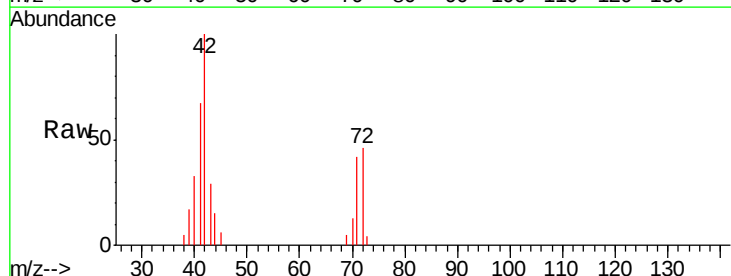
Instrument :
MSVOA_W
ClientSampleId :
EO-01-091919

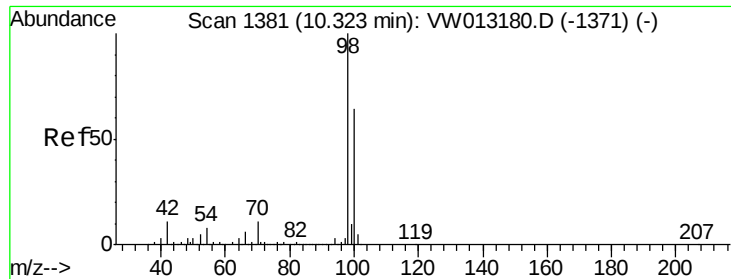
Tgt Ion: 83 Resp: 12538
Ion Ratio Lower Upper
83 100
55 78.0 60.4 90.6
98 39.6 40.0 60.0#



#41
Methacrylonitrile
Concen: 2.333 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.05 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Tgt Ion: 41 Resp: 2676
Ion Ratio Lower Upper
41 100
39 17.7 45.9 68.9#
67 0.0 54.5 81.7#
52 0.0 22.5 33.7#





#50

Toluene-d8

Concen: 48.931 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

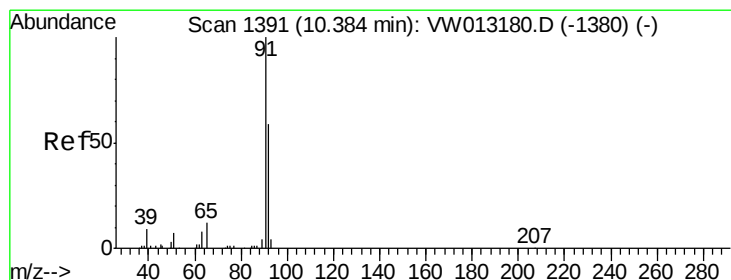
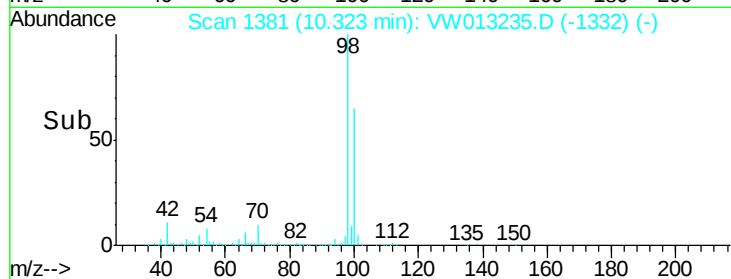
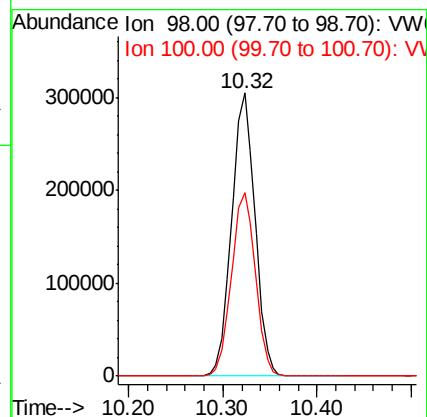
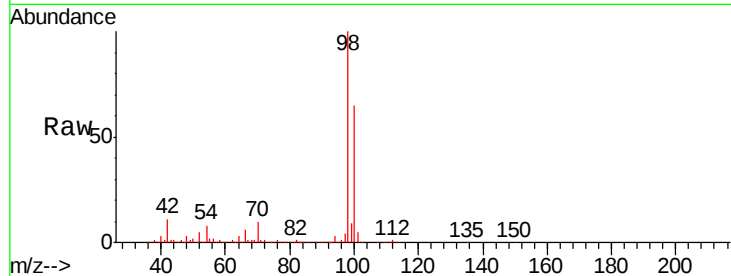
EO-01-091919

Tgt Ion: 98 Resp: 525860

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#52

Toluene

Concen: 1.184 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013235.D

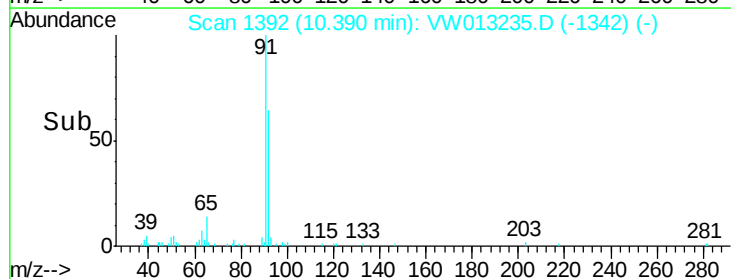
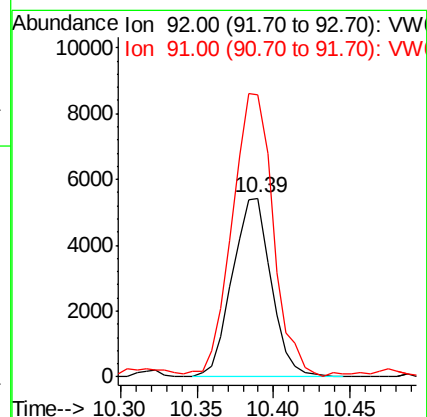
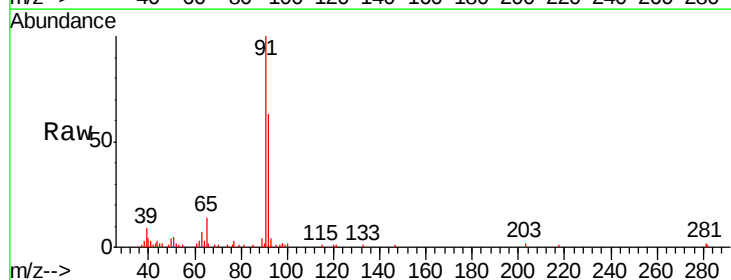
Acq: 23 Sep 2019 16:56

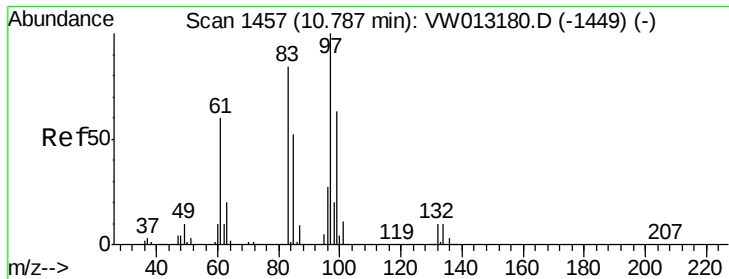
Tgt Ion: 92 Resp: 9569

Ion Ratio Lower Upper

92 100

91 168.4 135.7 203.5





#55

1,1,2-Trichloroethane

Concen: 2.782 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

EO-01-091919

Tgt Ion: 97 Resp: 6217

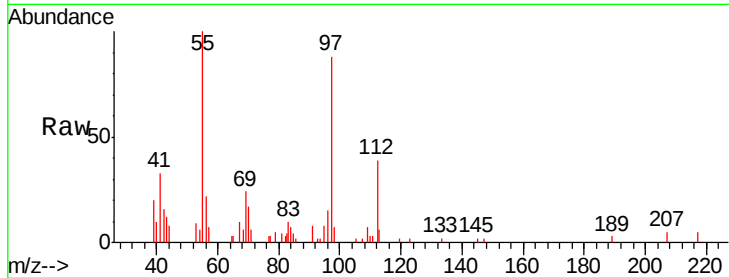
Ion Ratio Lower Upper

97 100

83 16.1 67.6 101.4#

85 6.8 41.9 62.9#

99 0.0 50.1 75.1#

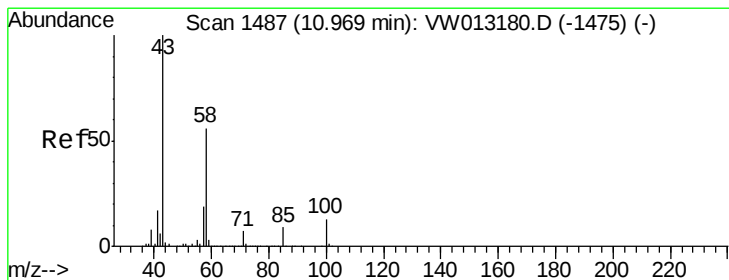
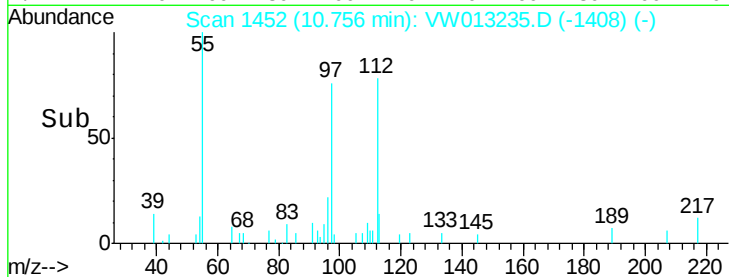
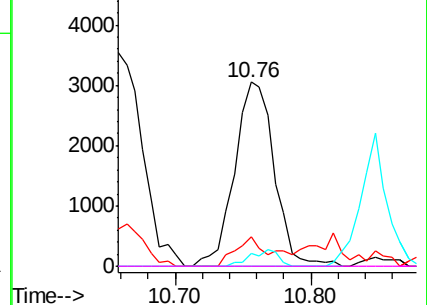


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#59

2-Hexanone

Concen: 2.183 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW013235.D

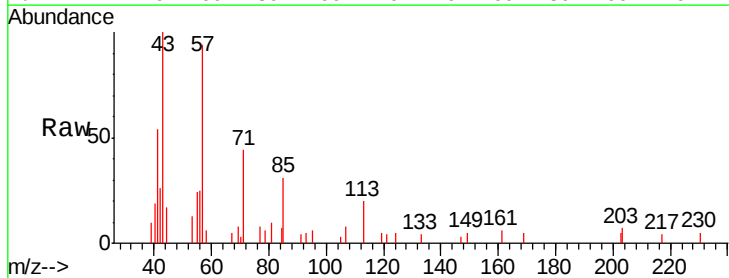
Acq: 23 Sep 2019 16:56

Tgt Ion: 43 Resp: 2774

Ion Ratio Lower Upper

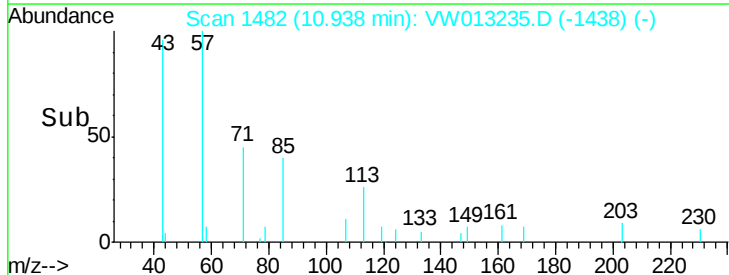
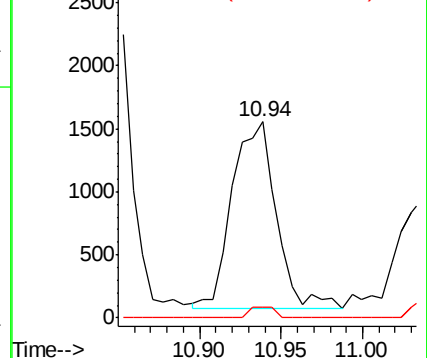
43 100

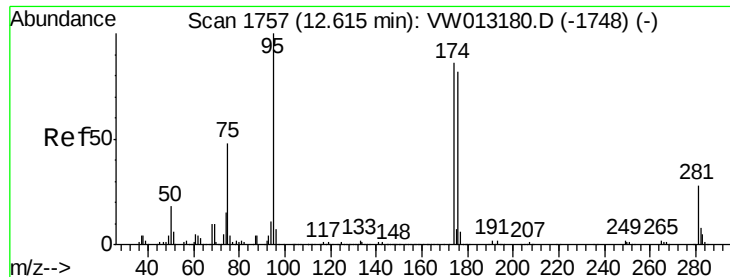
58 3.4 28.1 84.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 43.325 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

EO-01-091919

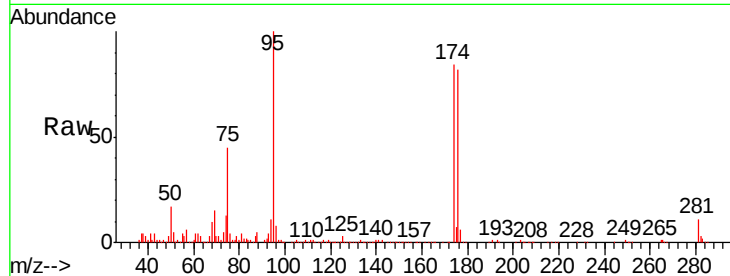
Tgt Ion: 95 Resp: 159051

Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.4

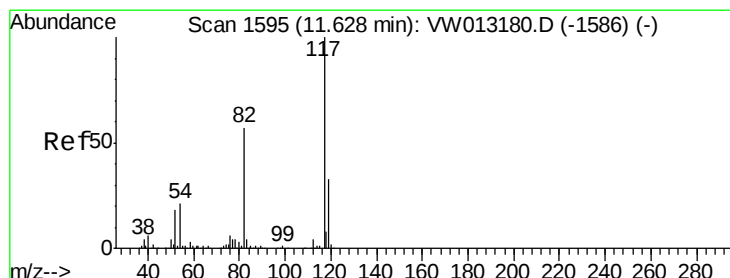
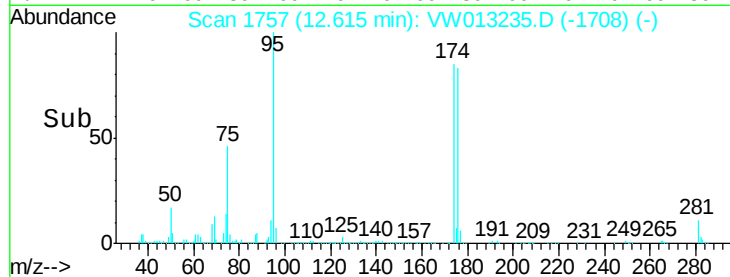
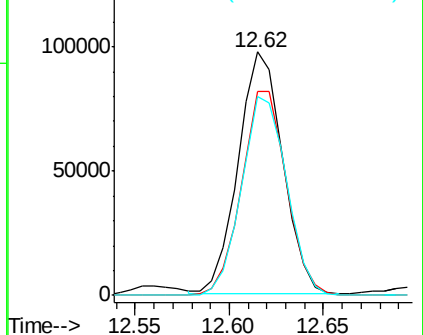
176 84.1 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

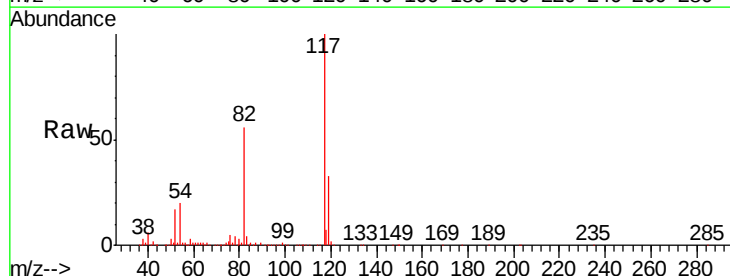
Tgt Ion: 117 Resp: 371200

Ion Ratio Lower Upper

117 100

82 55.4 45.9 68.9

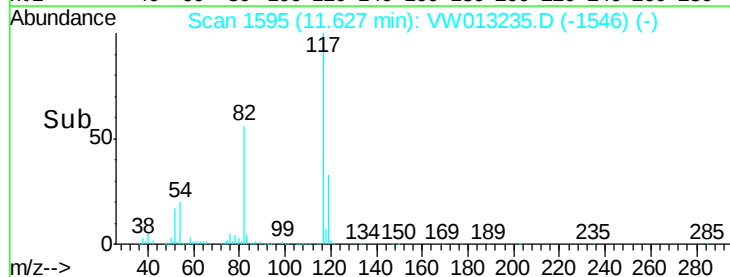
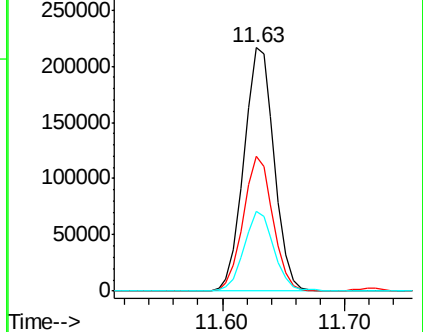
119 32.4 26.2 39.2

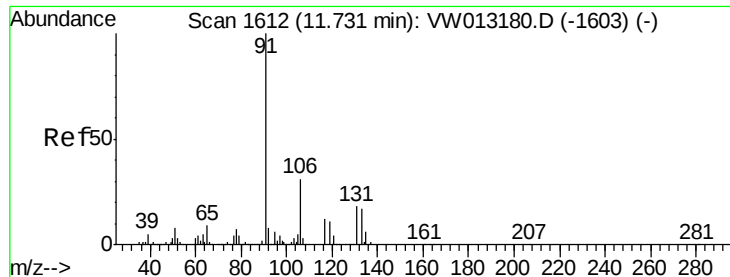


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

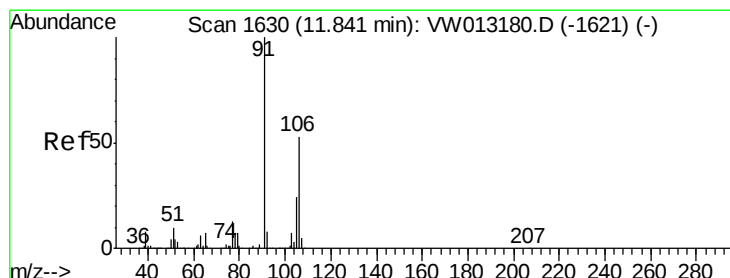
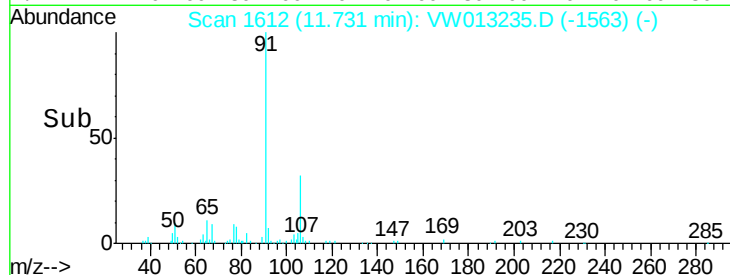
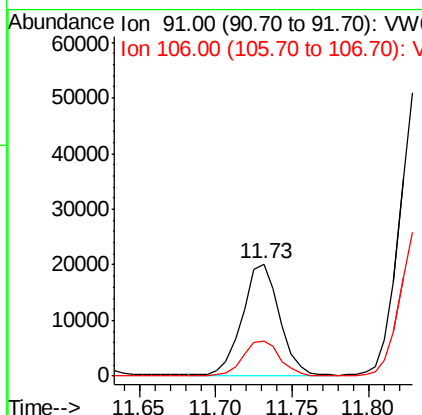
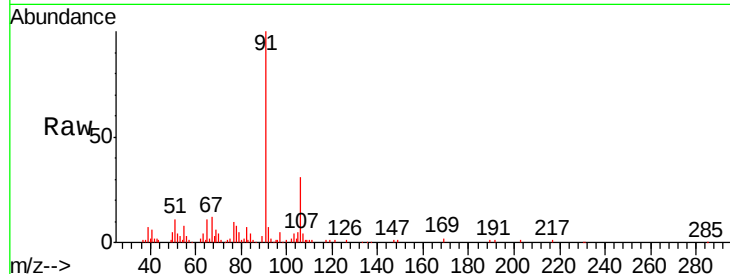




#67
Ethyl Benzene
Concen: 2.383 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

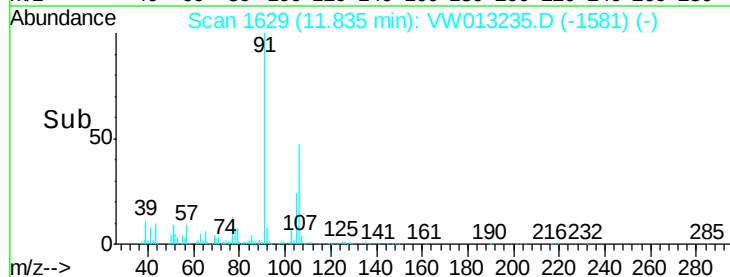
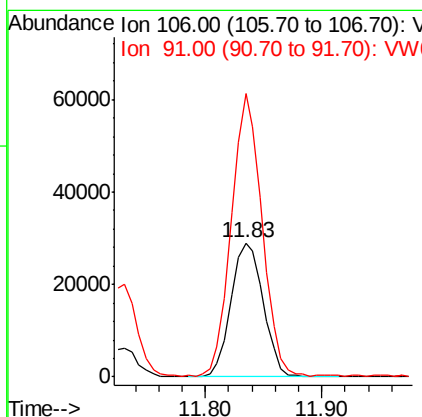
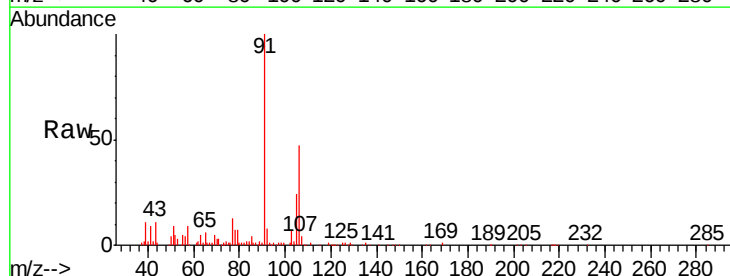
Instrument :
MSVOA_W
ClientSampleId :
EO-01-091919

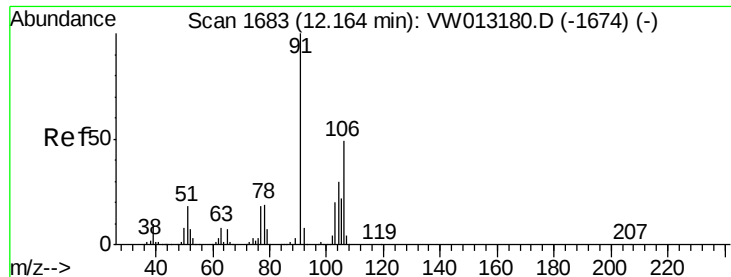
Tgt Ion: 91 Resp: 33473
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 10.394 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Tgt Ion: 106 Resp: 55627
Ion Ratio Lower Upper
106 100
91 200.0 157.9 236.9

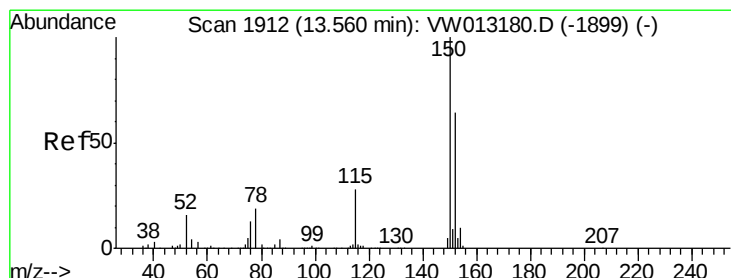
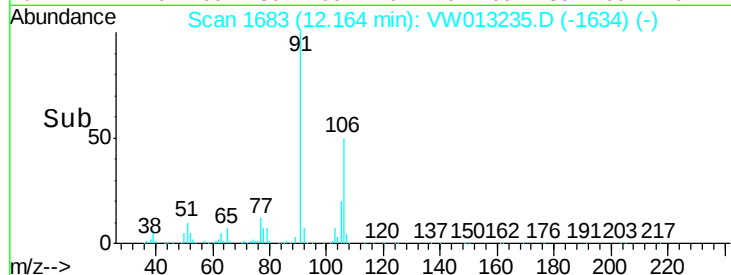
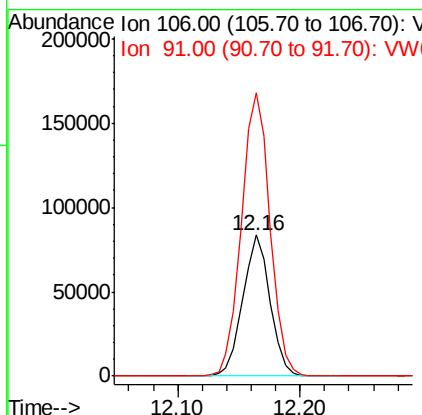
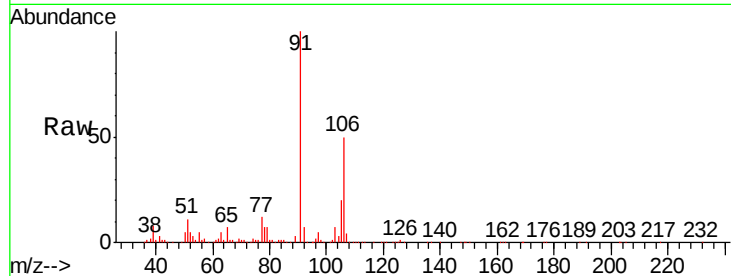




#69
o-Xylene
Concen: 25.987 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

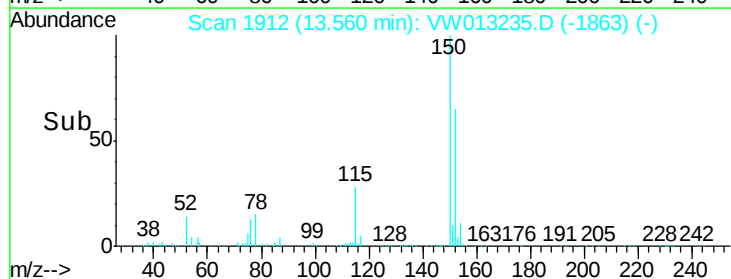
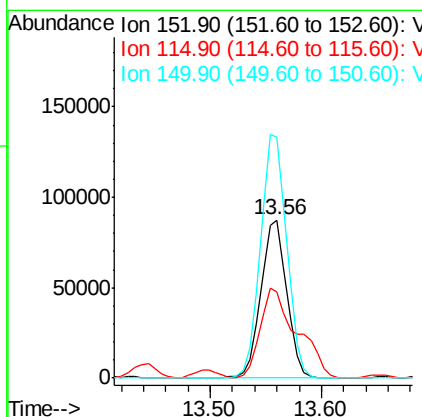
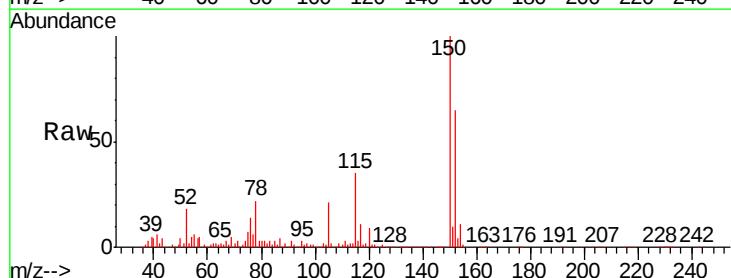
Instrument :
MSVOA_W
ClientSampleId :
EO-01-091919

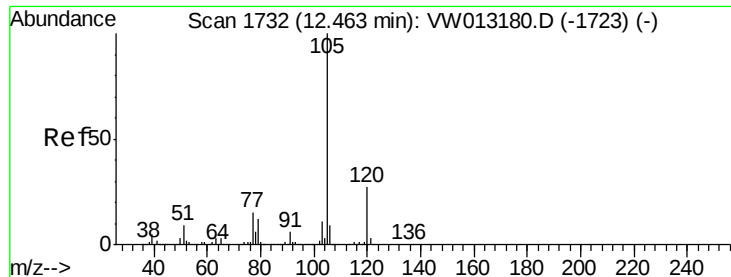
Tgt Ion:106 Resp: 129308
Ion Ratio Lower Upper
106 100
91 209.0 106.5 319.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Tgt Ion:152 Resp: 141902
Ion Ratio Lower Upper
152 100
115 79.9 27.3 81.9
150 156.8 0.0 349.0





#73

Isopropylbenzene

Concen: 3.044 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

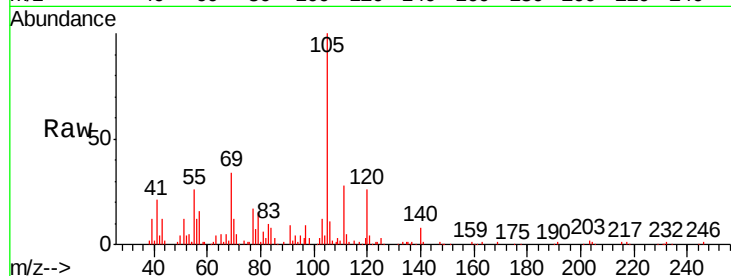
EO-01-091919

Tgt Ion:105 Resp: 31913

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

20000

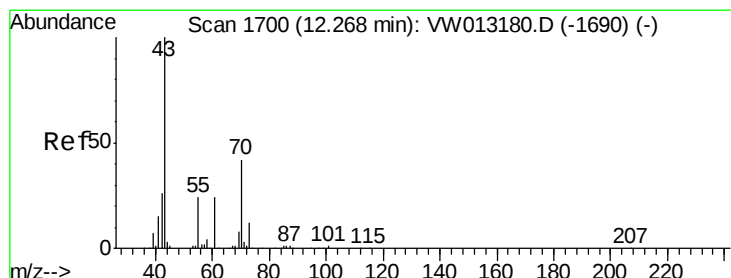
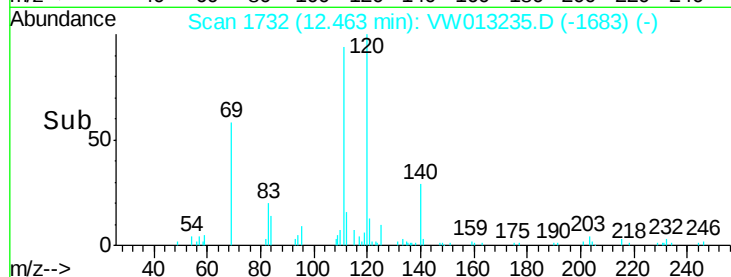
15000

10000

5000

0

Time-->



#74

N-ethyl acetate

Concen: 5.848 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Tgt Ion: 43 Resp: 13602

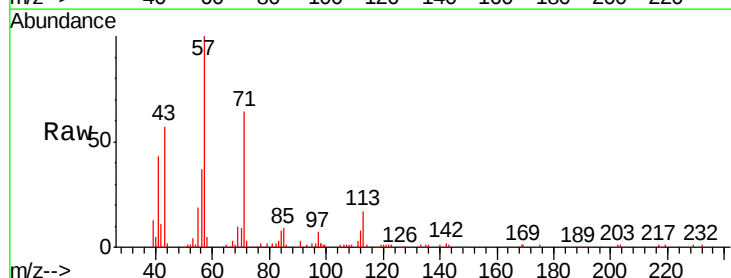
Ion Ratio Lower Upper

43 100

70 23.1 35.1 52.7#

55 0.0 19.9 29.9#

61 0.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

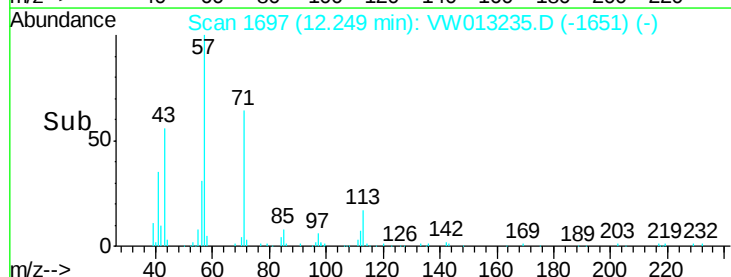
Ion 61.00 (60.70 to 61.70): VV

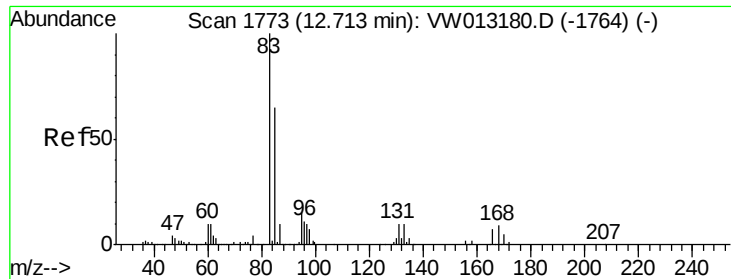
10000

5000

0

Time-->

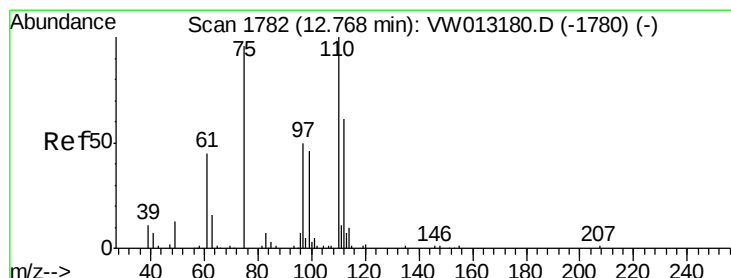
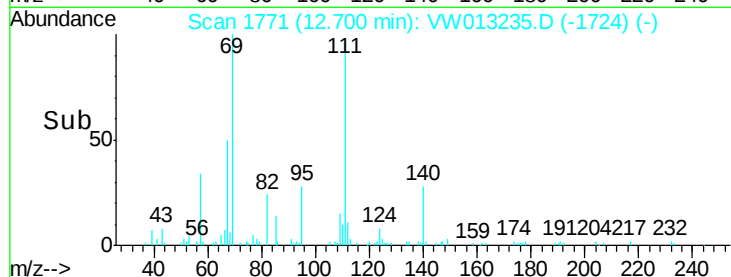
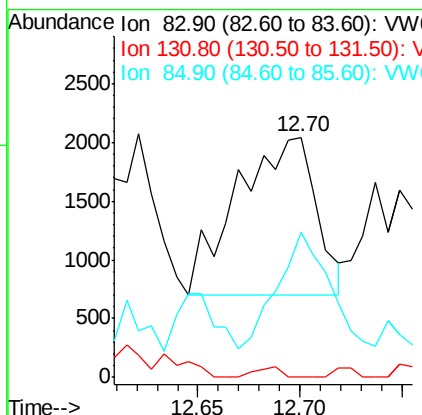
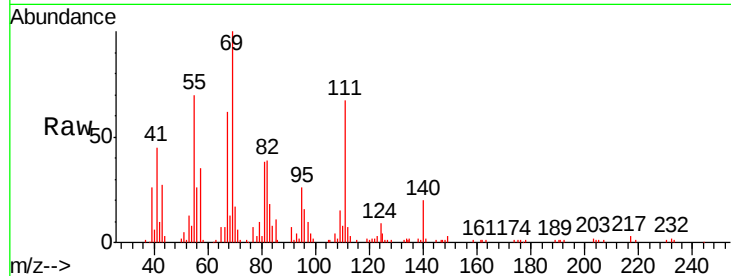




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.063 ug/l
 RT: 12.70 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

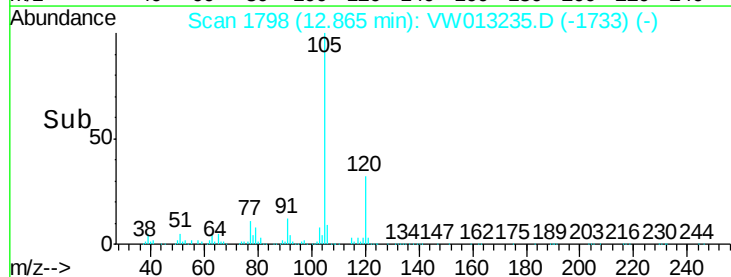
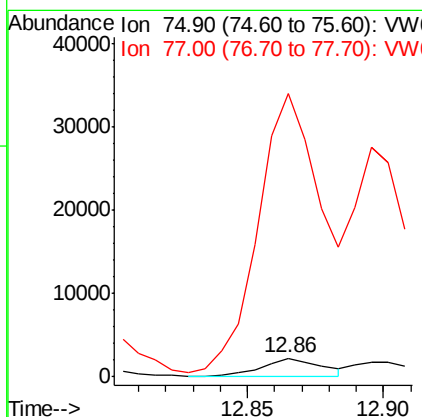
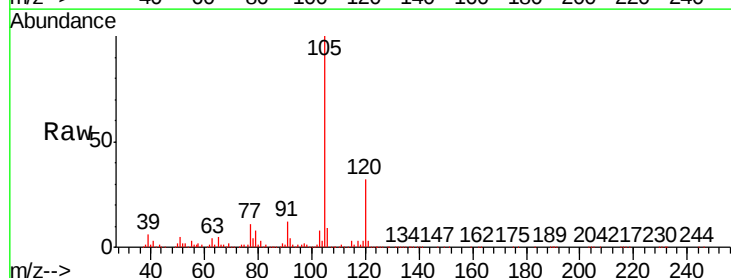
Instrument :
 MSVOA_W
 ClientSampled :
 EO-01-091919

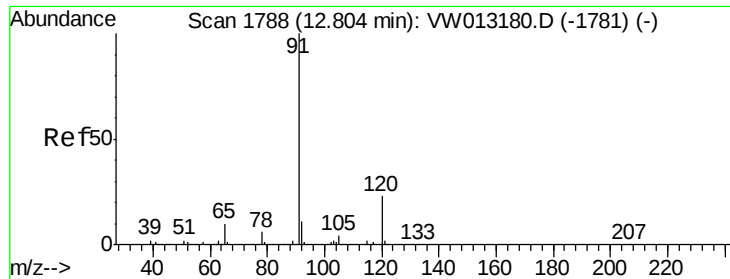
Tgt Ion: 83 Resp: 3617
 Ion Ratio Lower Upper
 83 100
 131 2.1 5.4 16.2#
 85 48.2 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 2.799 ug/l
 RT: 12.86 min Scan# 1798
 Delta R.T. 0.10 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

Tgt Ion: 75 Resp: 3508
 Ion Ratio Lower Upper
 75 100
 77 1554.5 0.0 0.0#





#78

n-propylbenzene

Concen: 12.221 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

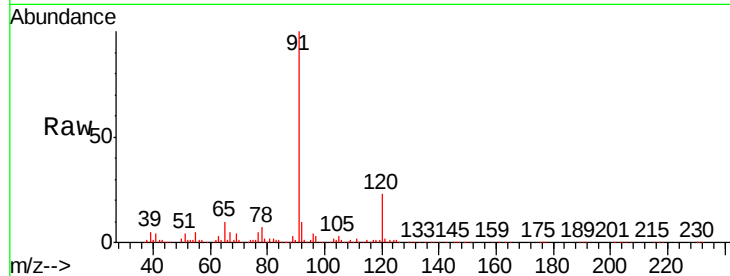
EO-01-091919

Tgt Ion: 91 Resp: 149955

Ion Ratio Lower Upper

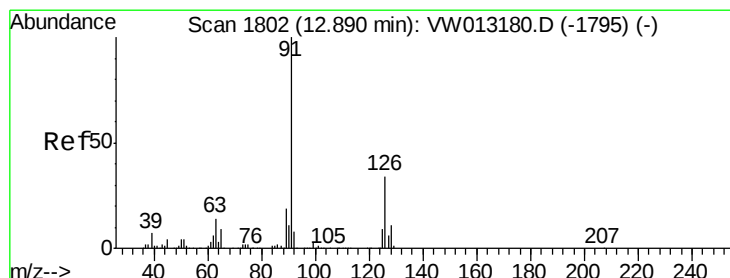
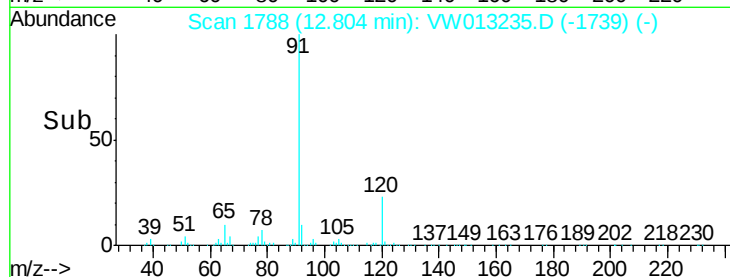
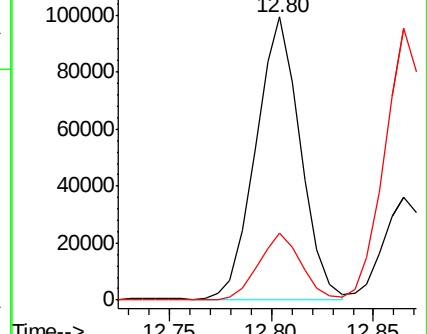
91 100

120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 5.464 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VW013235.D

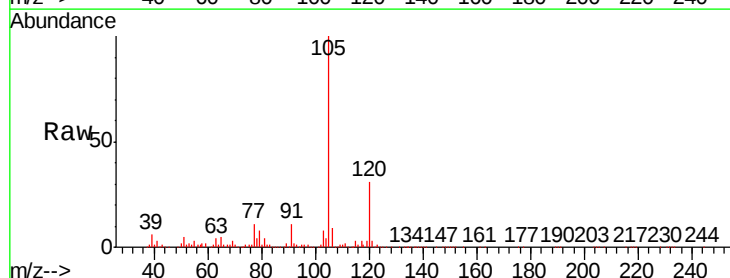
Acq: 23 Sep 2019 16:56

Tgt Ion: 91 Resp: 37561

Ion Ratio Lower Upper

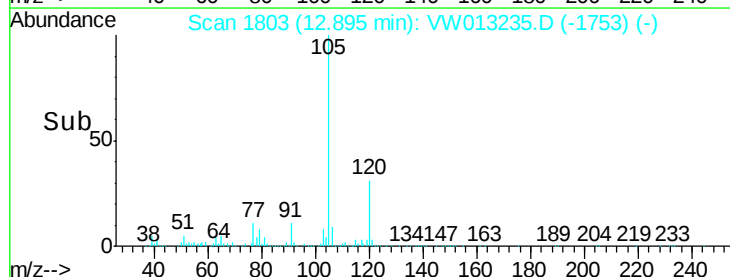
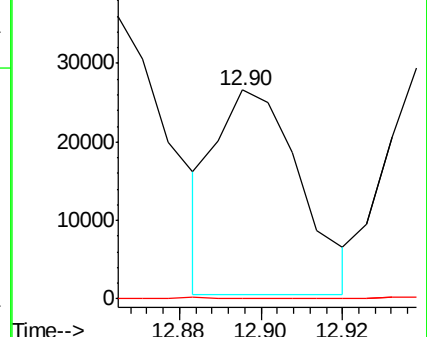
91 100

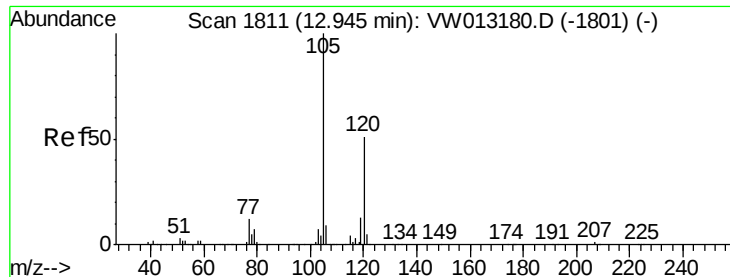
126 0.3 17.2 51.5#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

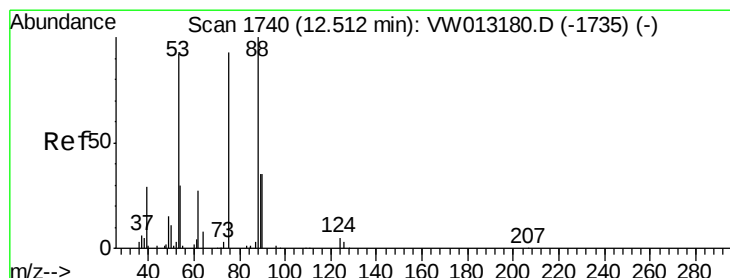
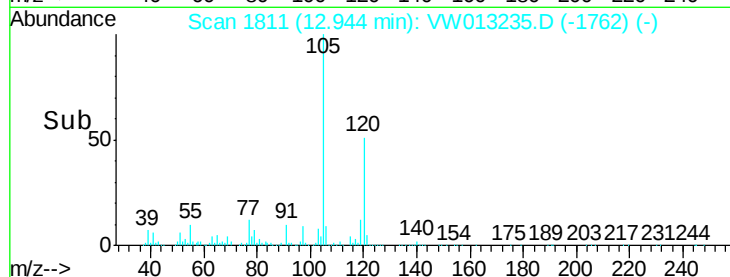
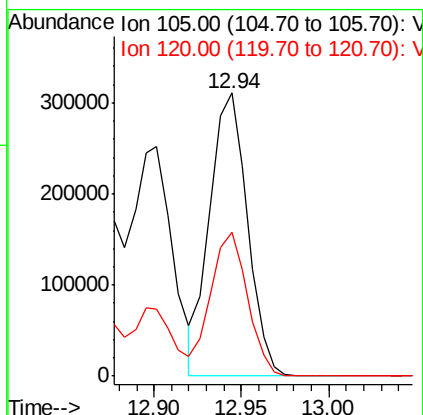
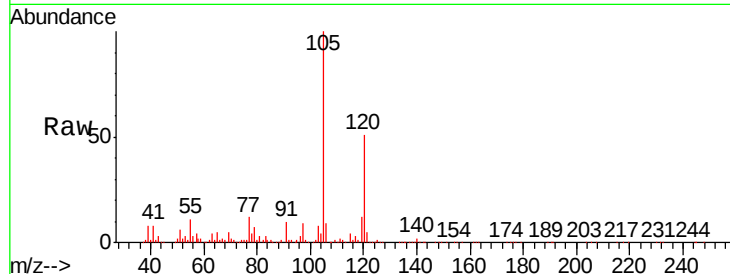




#80
 1,3,5-Trimethylbenzene
 Concen: 52.785 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

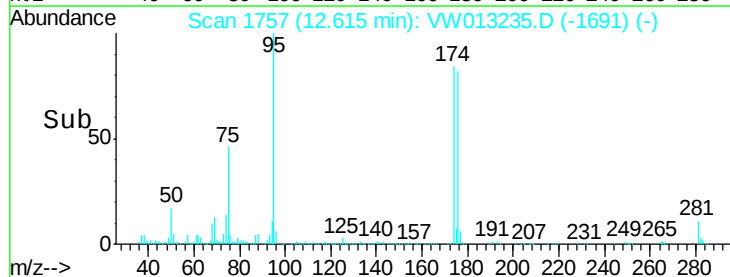
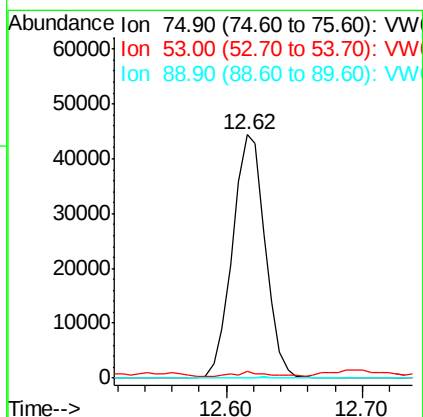
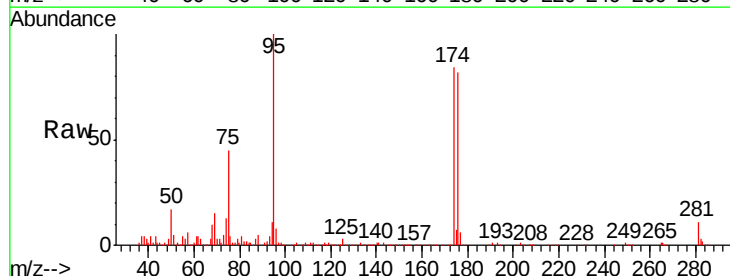
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-091919

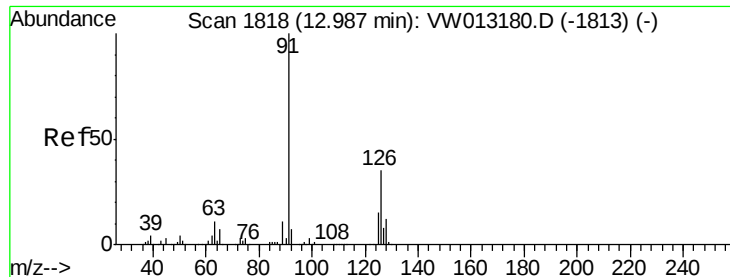
Tgt Ion:105 Resp: 465119
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.810 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

Tgt Ion: 75 Resp: 74172
 Ion Ratio Lower Upper
 75 100
 53 2.3 76.6 114.8#
 89 0.1 33.5 50.3#





#82

4-Chlorotoluene

Concen: 6.281 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.04 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

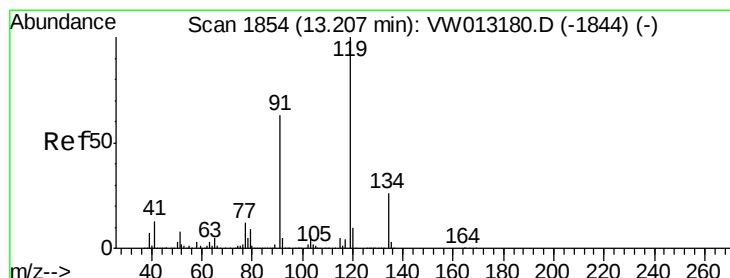
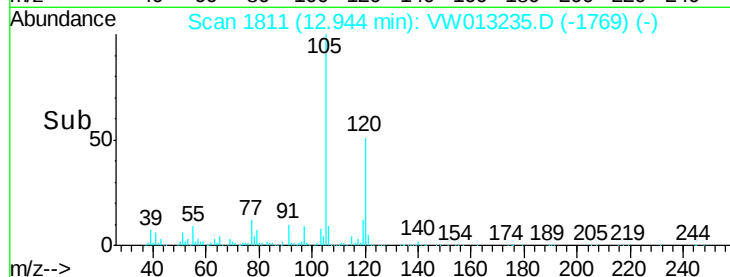
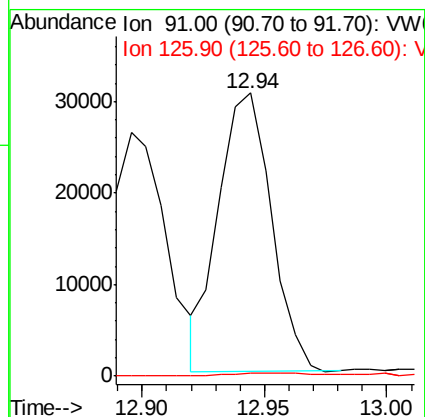
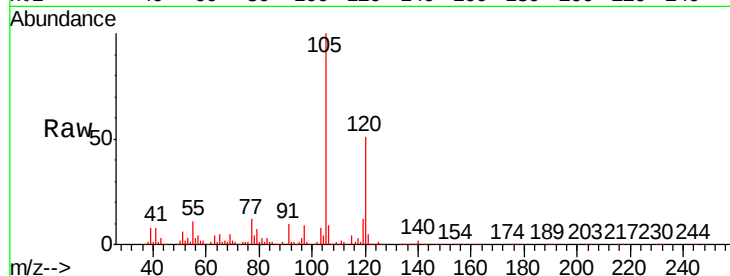
EO-01-091919

Tgt Ion: 91 Resp: 45531

Ion Ratio Lower Upper

91 100

126 2.0 17.3 51.7#



#83

tert-Butylbenzene

Concen: 12.476 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.04 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

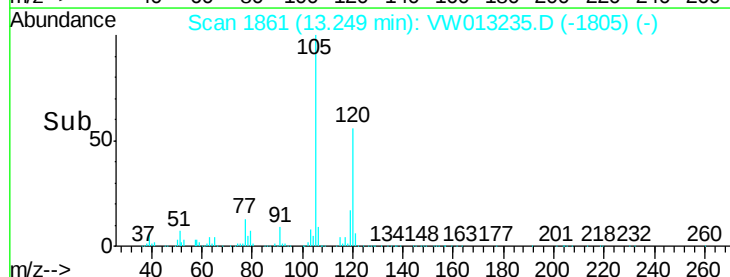
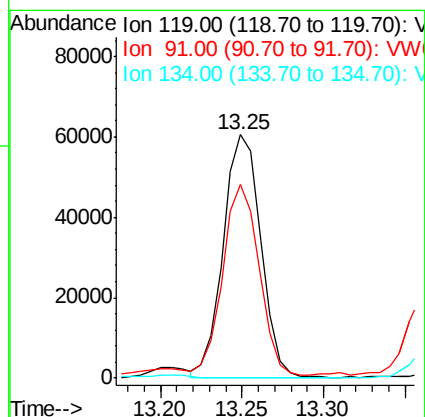
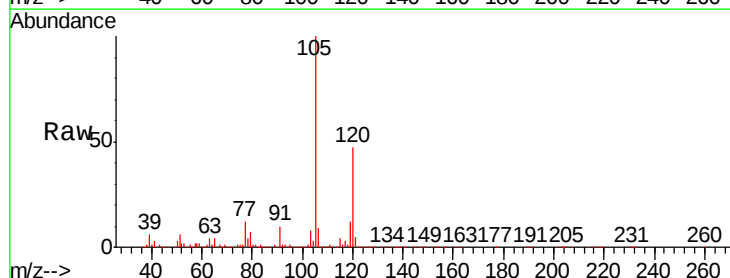
Tgt Ion: 119 Resp: 96486

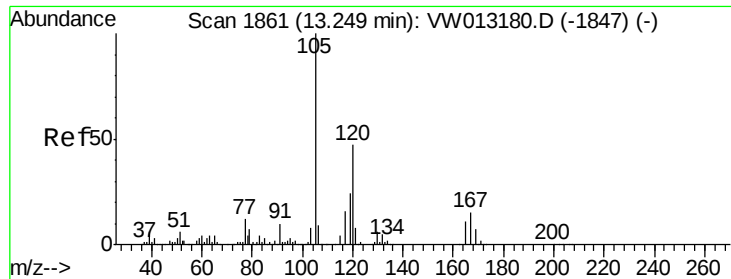
Ion Ratio Lower Upper

119 100

91 76.3 30.7 92.1

134 0.0 12.6 37.6#

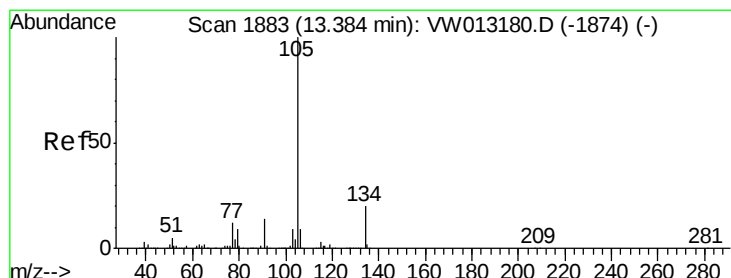
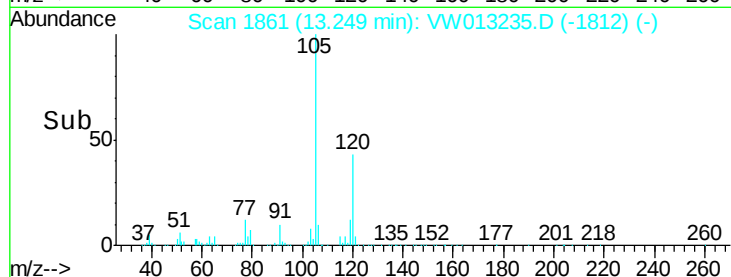
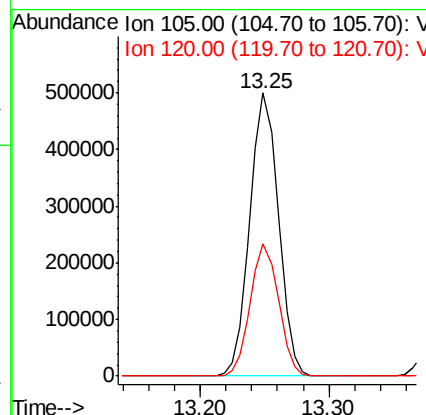
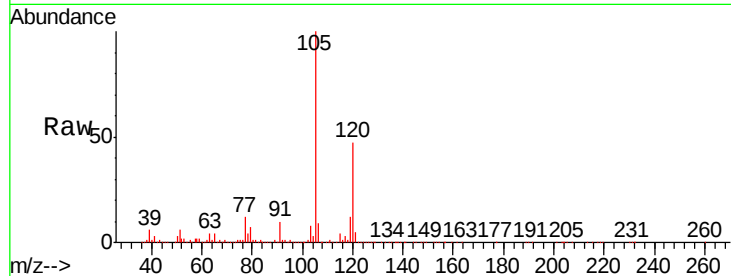




#84
 1,2,4-Trimethylbenzene
 Concen: 87.167 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

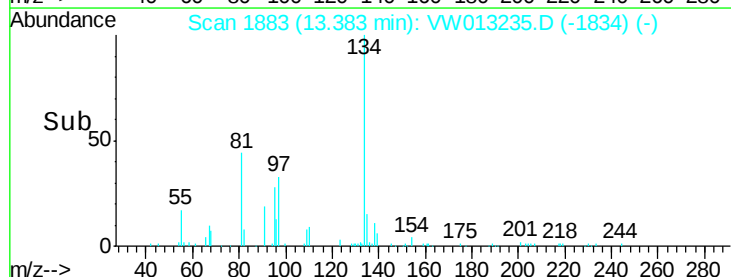
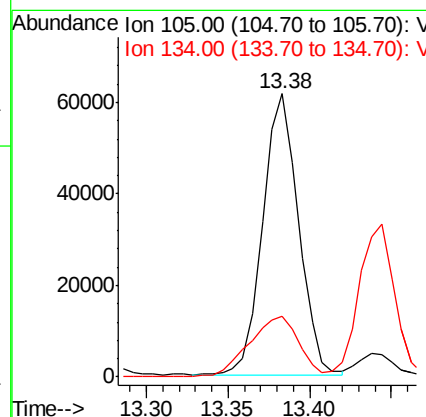
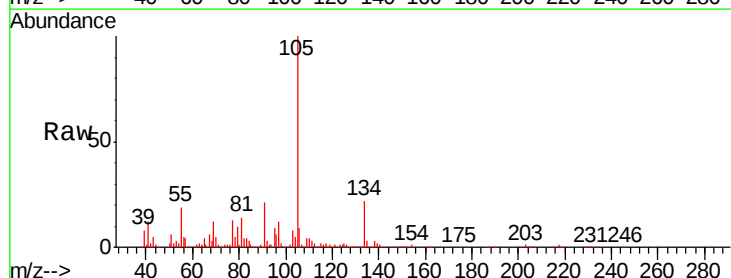
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-091919

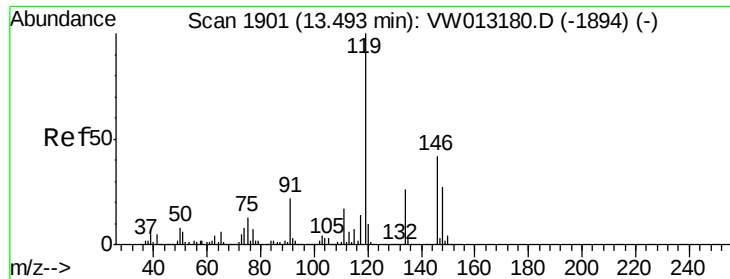
Tgt Ion:105 Resp: 764306
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 8.733 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013235.D
 Acq: 23 Sep 2019 16:56

Tgt Ion:105 Resp: 93114
 Ion Ratio Lower Upper
 105 100
 134 29.6 10.3 30.8

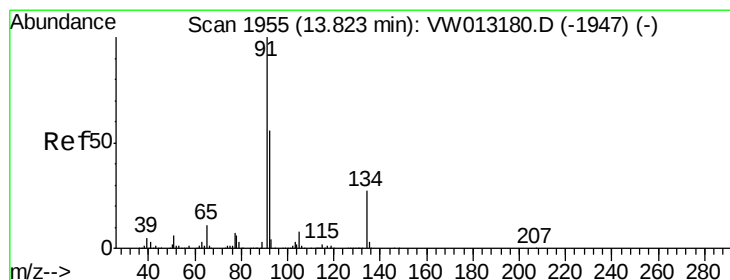
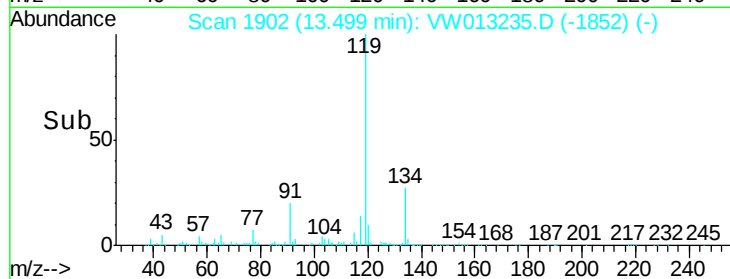
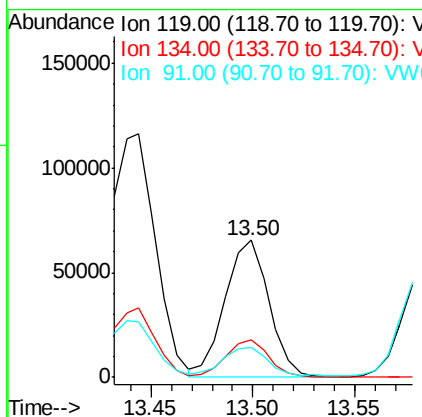
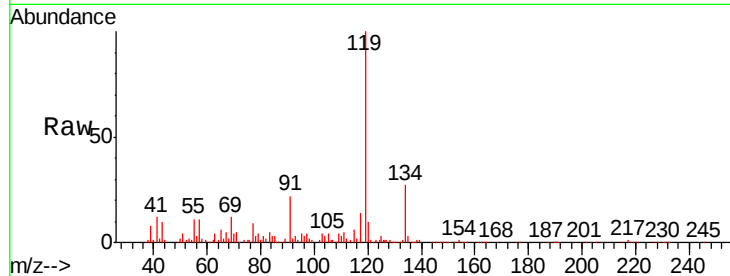




#86
p-Isopropyltoluene
Concen: 9.814 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.01 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

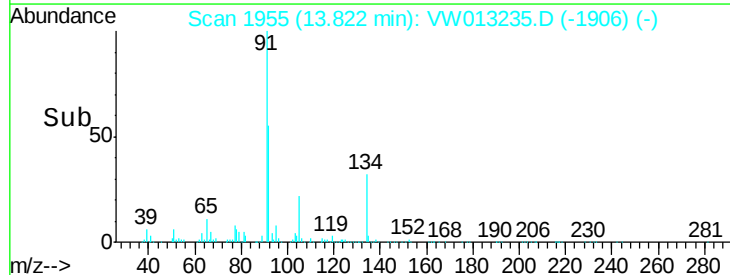
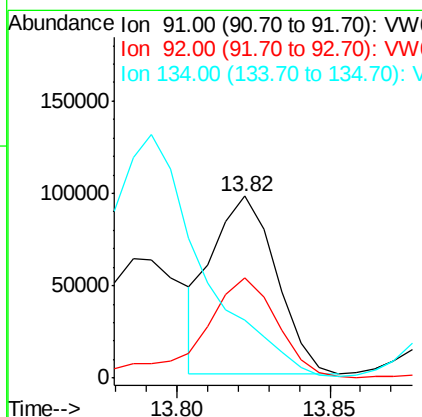
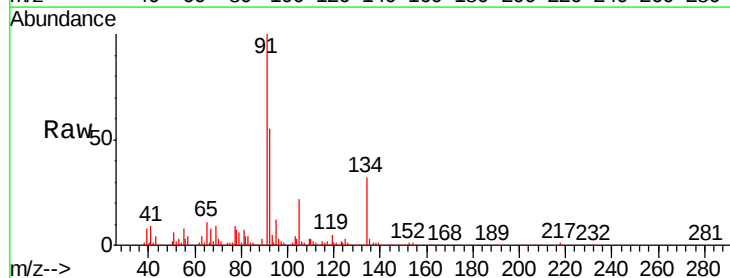
Instrument :
MSVOA_W
ClientSampled :
EO-01-091919

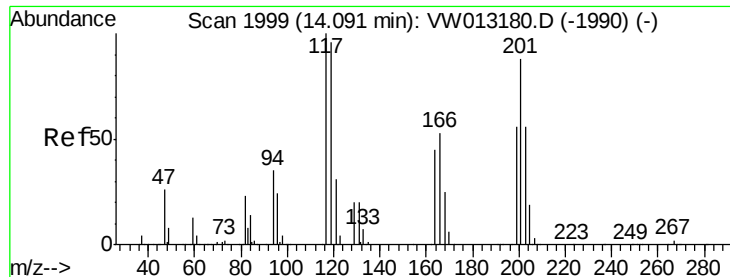
Tgt Ion: 119 Resp: 97063
Ion Ratio Lower Upper
119 100
134 26.5 13.3 39.8
91 20.8 10.8 32.4



#89
n-Butylbenzene
Concen: 15.489 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013235.D
Acq: 23 Sep 2019 16:56

Tgt Ion: 91 Resp: 139871
Ion Ratio Lower Upper
91 100
92 66.0 27.6 82.8
134 0.0 13.7 41.1#





#90

Hexachloroethane

Concen: 27.798 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

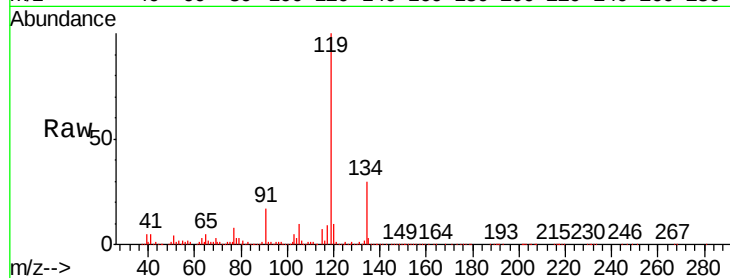
EO-01-091919

Tgt Ion: 117 Resp: 46183

Ion Ratio Lower Upper

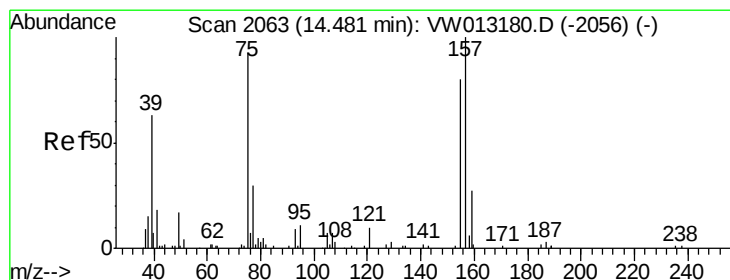
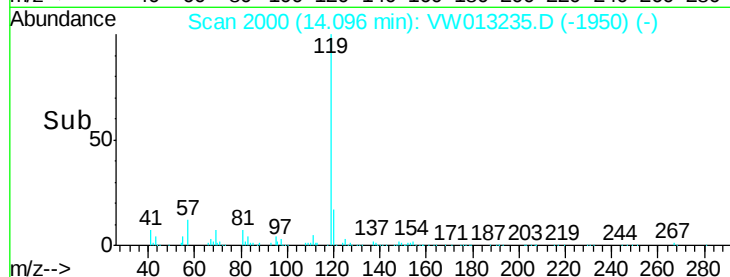
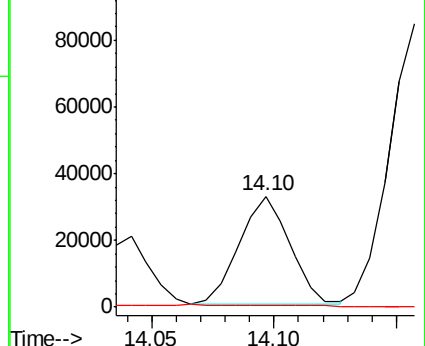
117 100

201 0.0 44.5 133.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.893 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.02 min

Lab File: VW013235.D

Acq: 23 Sep 2019 16:56

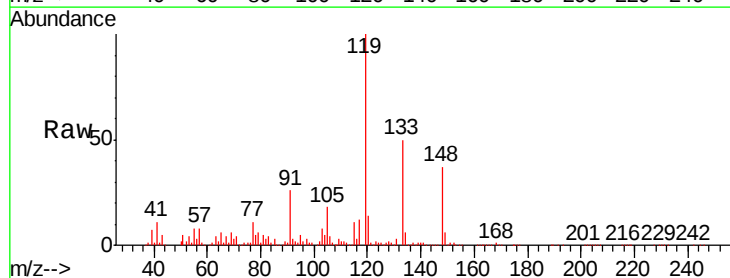
Tgt Ion: 75 Resp: 1044

Ion Ratio Lower Upper

75 100

155 25.4 46.1 138.3#

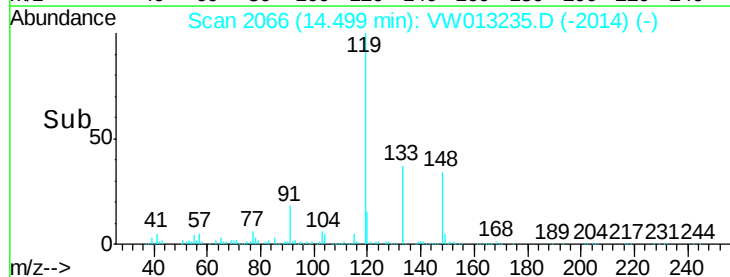
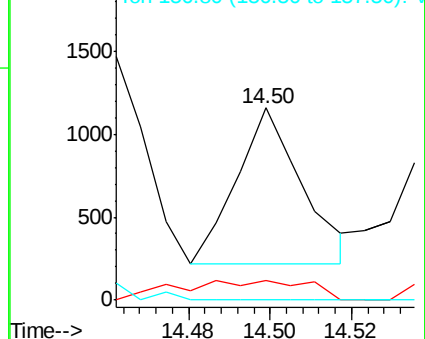
157 0.0 60.4 181.2#

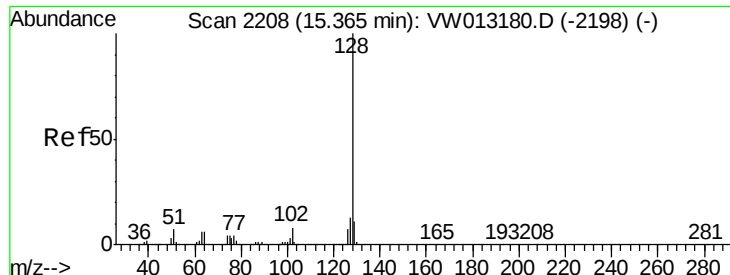


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 16.181 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013235.D

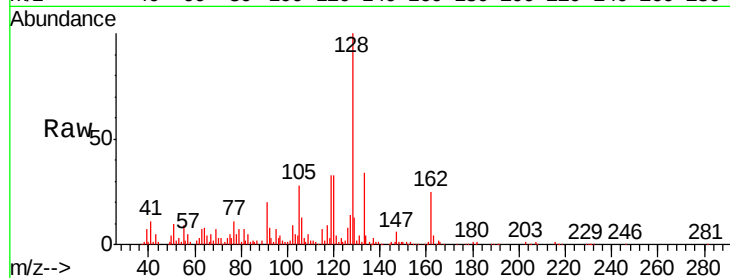
Acq: 23 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

EO-01-091919



Tgt Ion:	128	Resp:	78434
Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.6	15.8
129	7.8	8.7	13.1#

