

Data File : VW008298.D
Acq On : 15 Jan 2019 22:43
Operator : SY/VA
Sample : K1012-11
Misc : 5.32G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

Quant Time: Jan 16 00:58:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	145245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47042	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	50570	59.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.74%	
35) Dibromofluoromethane	7.88	113	47191	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
50) Toluene-d8	10.32	98	177682	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.62	95	57586	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	

Target Compounds			Qvalue			
11) Tert butyl alcohol	5.26	59	95	Below Cal	#	100
13) Acrolein	3.91	56	142	1.014	ug/l #	51
16) Acetone	4.12	43	7689	31.759	ug/l	95
20) Methylene Chloride	4.92	84	17230	17.413	ug/l	87
25) 2-Butanone	7.18	43	1254	5.292	ug/l #	75
29) Tetrahydrofuran	7.52	42	886	5.597	ug/l #	83
31) Cyclohexane	7.94	56	2314	1.291	ug/l #	25
32) 1,1,1-Trichloroethane	7.87	97	10471	7.551	ug/l	99
36) 1,1-Dichloropropene	7.94	75	6258	4.183	ug/l #	52
38) Carbon Tetrachloride	7.95	117	8398	6.133	ug/l #	18
49) 1,4-Dioxane	9.45	88	21	2.643	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	828	1.427	ug/l	95
52) Toluene	10.39	92	21360	8.242	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	824	1.188	ug/l #	24
67) Ethyl Benzene	11.73	91	54680	11.370	ug/l	98
68) m/p-Xylenes	11.83	106	134589	73.320	ug/l	98
69) o-Xylene	12.17	106	90197	53.061	ug/l	98
70) Styrene	12.16	104	5608	2.106	ug/l #	1
73) Isopropylbenzene	12.47	105	60646	16.421	ug/l	100
74) N-amyl acetate	12.26	43	12894	15.765	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.70	83	812	1.374	ug/l #	25
76) 1,2,3-Trichloropropane	12.81	75	1525	3.556	ug/l #	1
78) n-propylbenzene	12.80	91	237117	52.399	ug/l	99
79) 2-Chlorotoluene	12.87	91	63011	24.958	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	307201	101.221	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.46	75	999	5.425	ug/l #	65
82) 4-Chlorotoluene	12.94	91	33285	12.518	ug/l #	45
83) tert-Butylbenzene	13.21	119	8232	3.066	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	1317443	420.884	ug/l	98
85) sec-Butylbenzene	13.39	105	137081	34.853	ug/l	82
86) p-Isopropyltoluene	13.50	119	128769	37.913	ug/l	98
89) n-Butylbenzene	13.83	91	222014	66.742	ug/l #	74
90) Hexachloroethane	14.10	117	25069	43.699	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.51	75	355	3.732	ug/l #	44

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011519\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.37	128	316832	183.705	ug/l	99
96) 1,2,3-Trichlorobenzene	15.58	180	815	1.035	ug/l #	1

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

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Acq On : 15 Jan 2019 22:43

Operator : SY/VA

Sample : K1012-11

Misc : 5.32G/5ML/MSVOA W/SOIL

```
ALS Vial      : 22      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

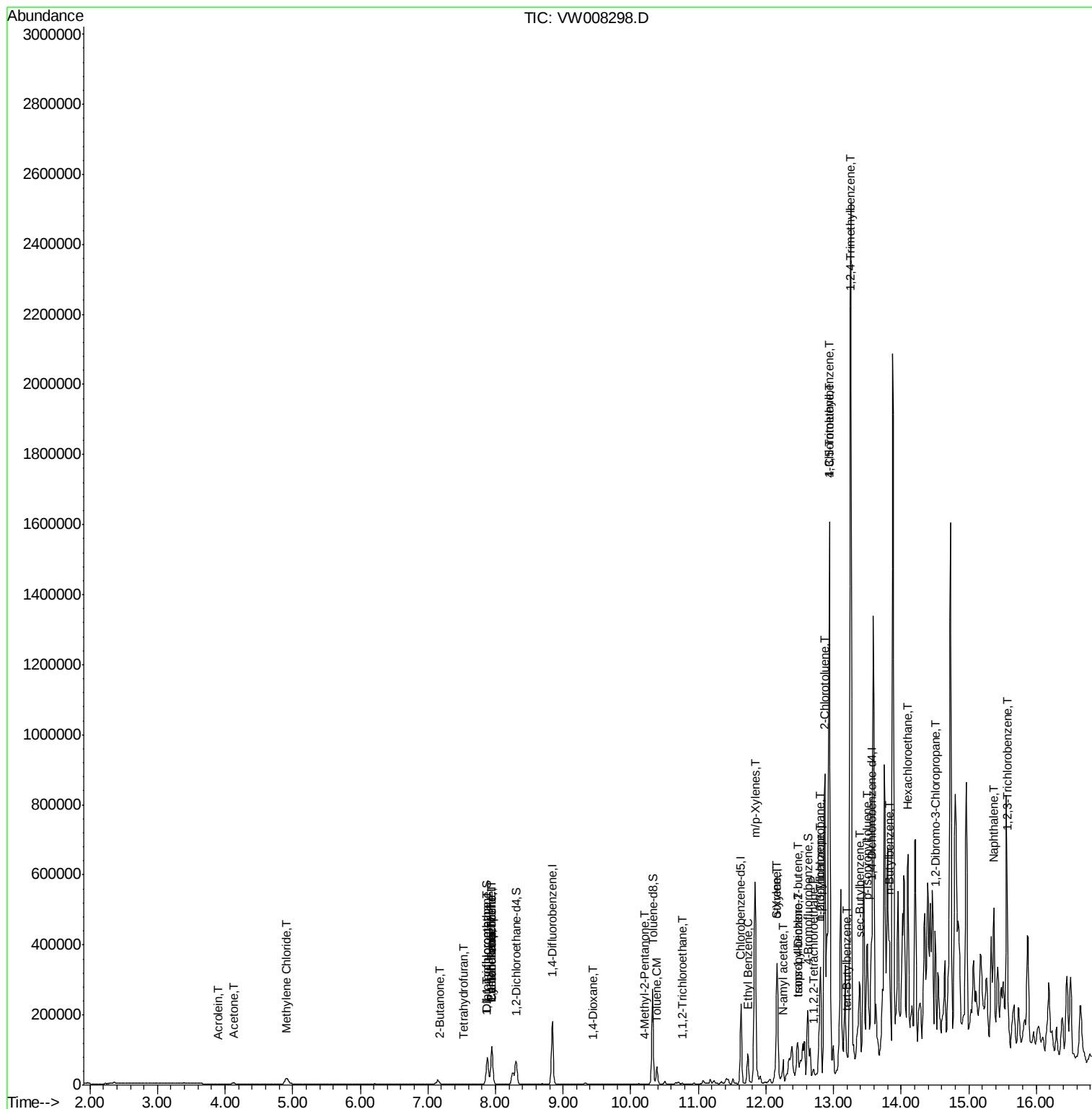
Quant Time: Jan 16 00:58:15 2019

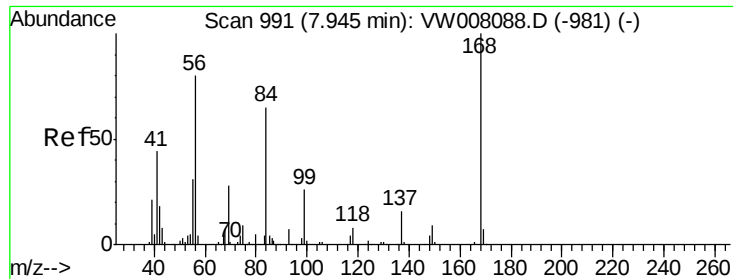
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W010819S.M

Quant Title : SW846 8260

QLast Update : Wed Jan 09 04:40:48 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

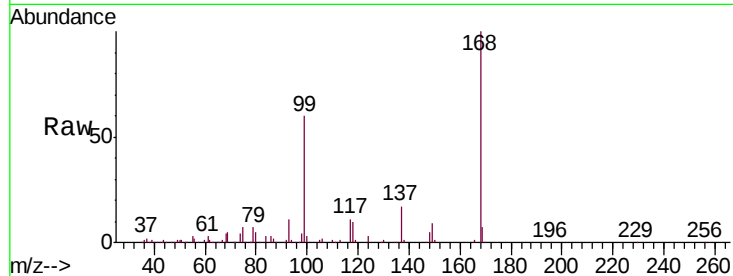
EO-01-011518-C

Tgt Ion:168 Resp: 75783

Ion Ratio Lower Upper

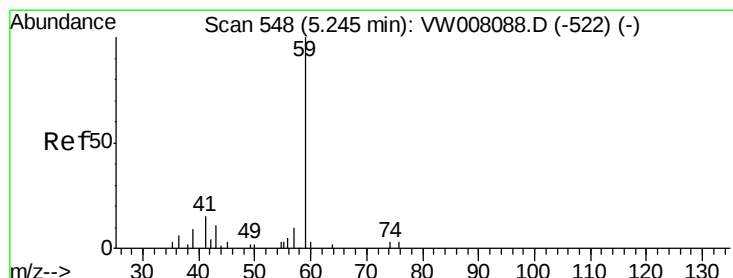
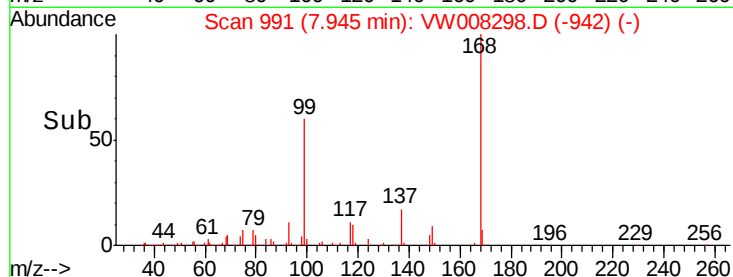
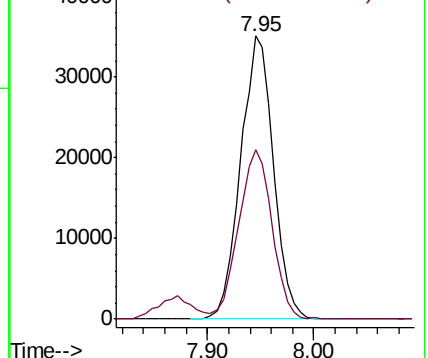
168 100

99 59.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 551

Delta R.T. 0.02 min

Lab File: VW008298.D

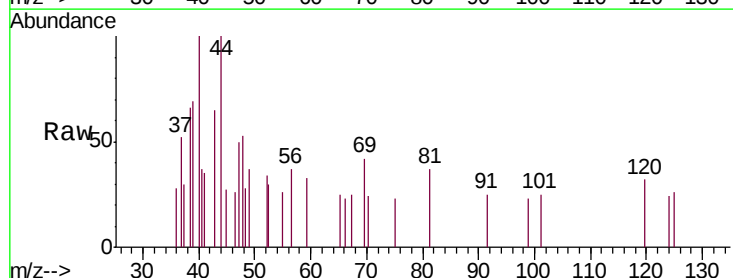
Acq: 15 Jan 2019 22:43

Tgt Ion: 59 Resp: 95

Ion Ratio Lower Upper

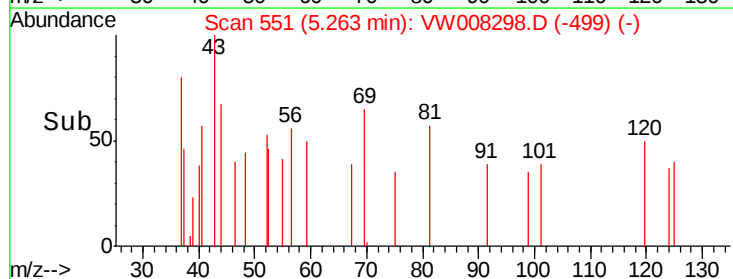
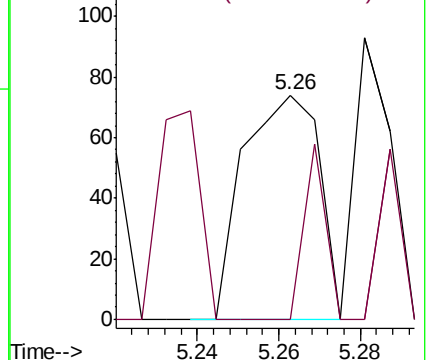
59 100

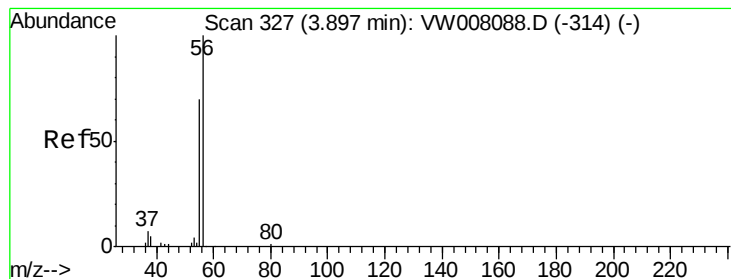
57 22.1 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.014 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

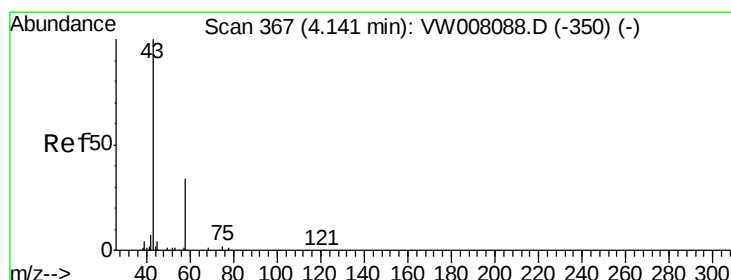
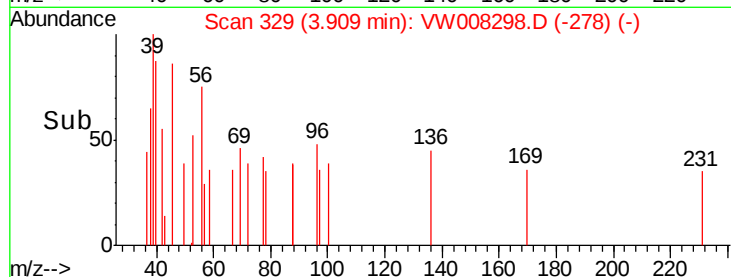
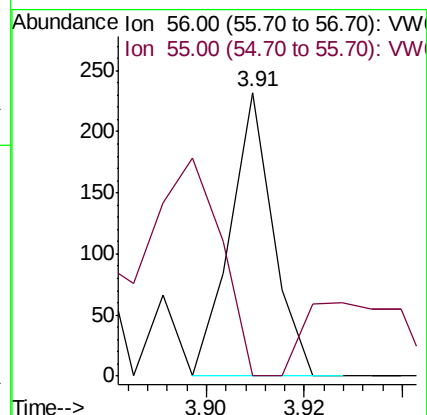
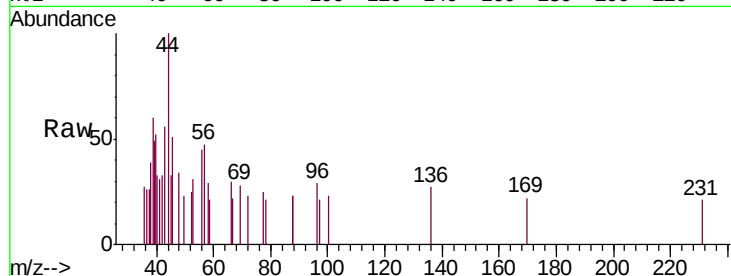
EO-01-011518-C

Tgt Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

55 111.3 56.6 84.8#



#16

Acetone

Concen: 31.759 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008298.D

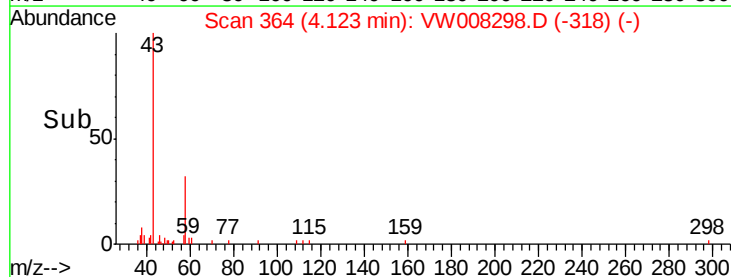
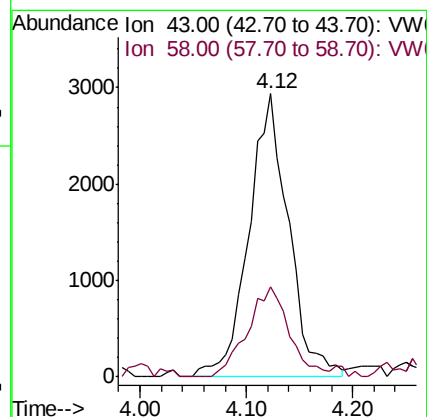
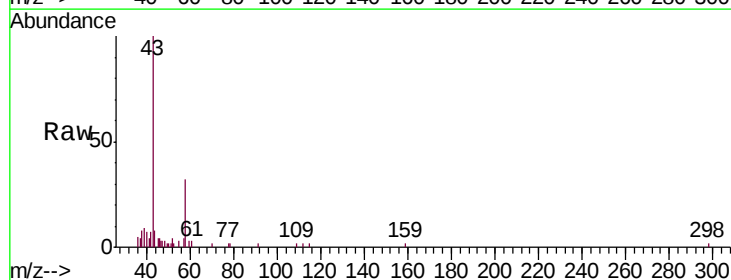
Acq: 15 Jan 2019 22:43

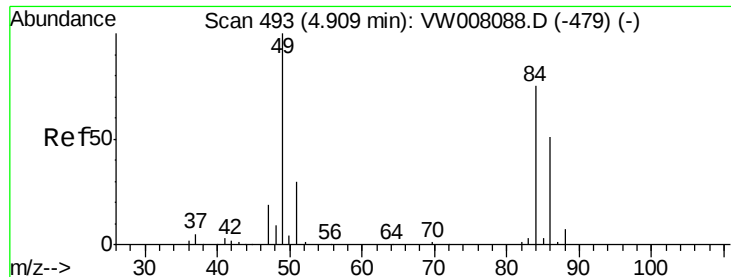
Tgt Ion: 43 Resp: 7689

Ion Ratio Lower Upper

43 100

58 31.7 27.5 41.3

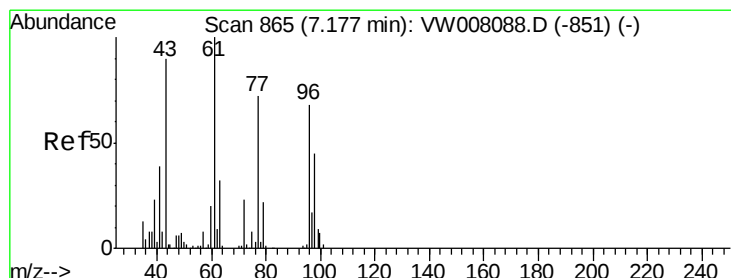
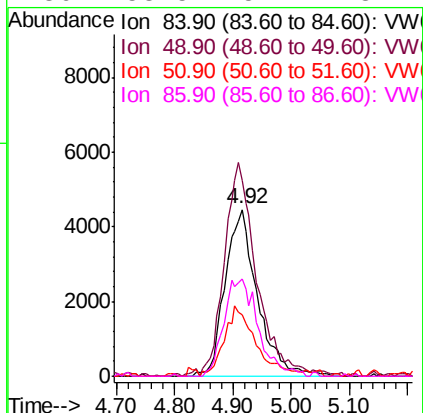
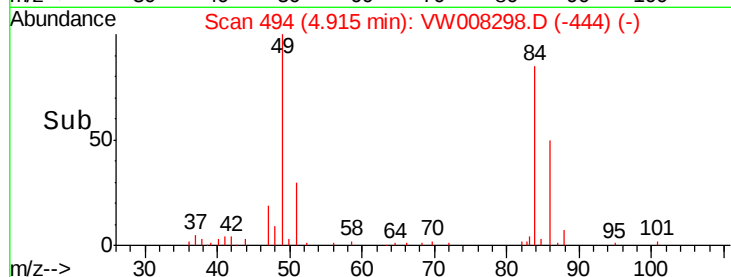
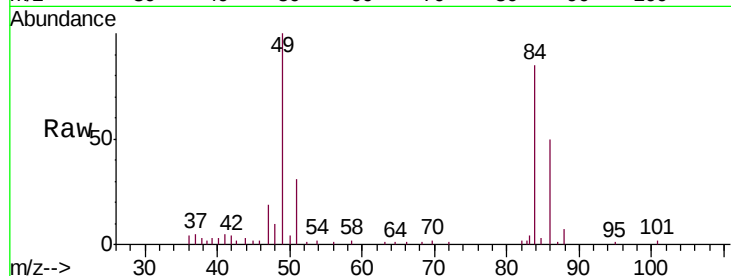




#20
Methylene Chloride
Concen: 17.413 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

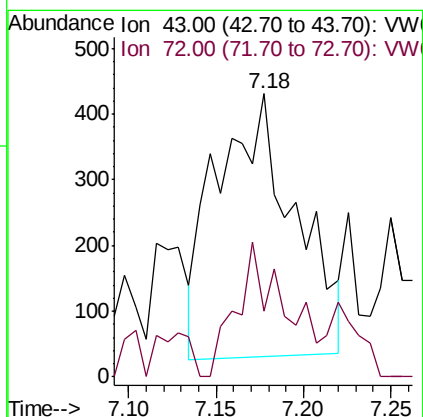
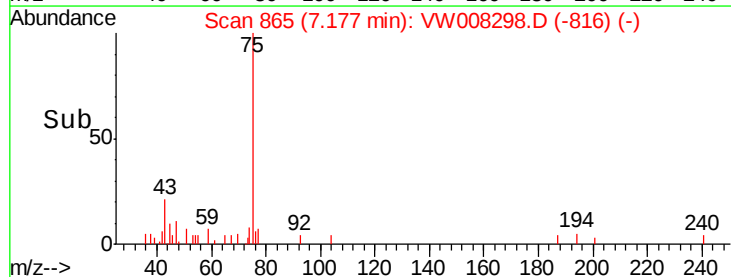
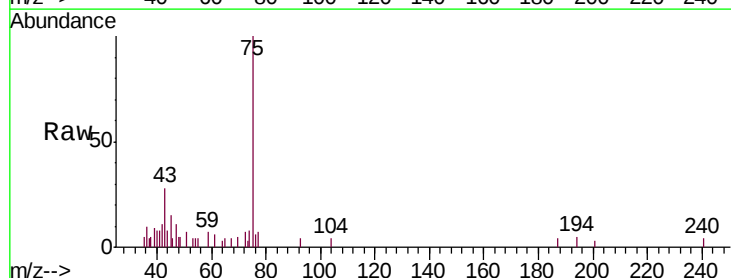
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

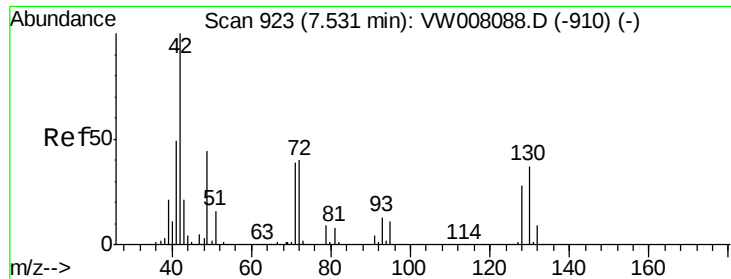
Tgt Ion: 84 Resp: 17230
Ion Ratio Lower Upper
84 100
49 115.7 107.1 160.7
51 35.0 32.4 48.6
86 58.5 54.2 81.4



#25
2-Butanone
Concen: 5.292 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
72 13.0 20.5 30.7#





#29

Tetrahydrofuran

Concen: 5.597 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-C

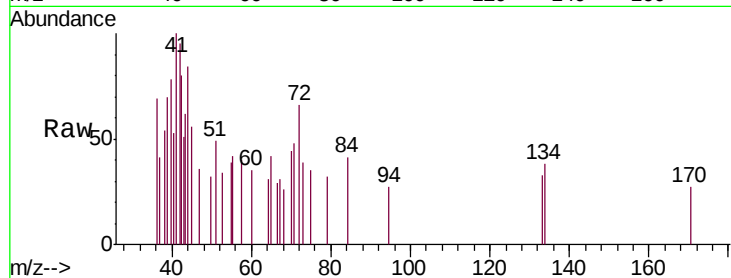
Tgt Ion: 42 Resp: 886

Ion Ratio Lower Upper

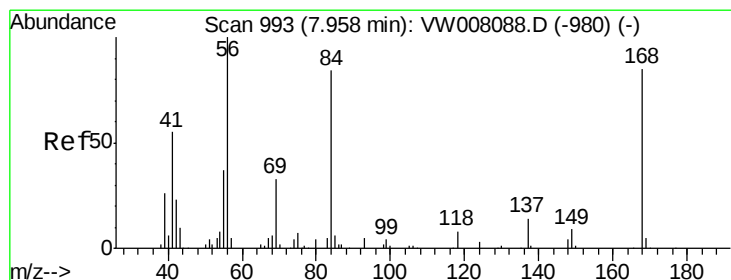
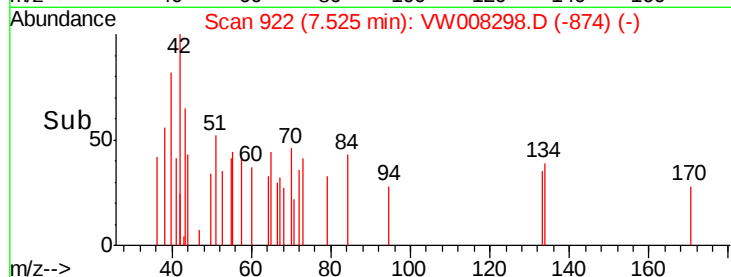
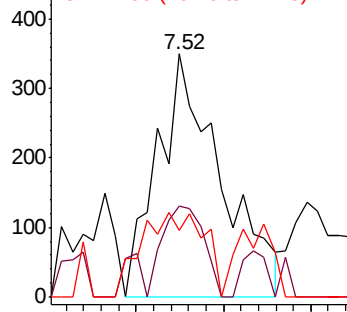
42 100

72 24.4 32.4 48.6#

71 34.3 31.3 46.9



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



#31

Cyclohexane

Concen: 1.291 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

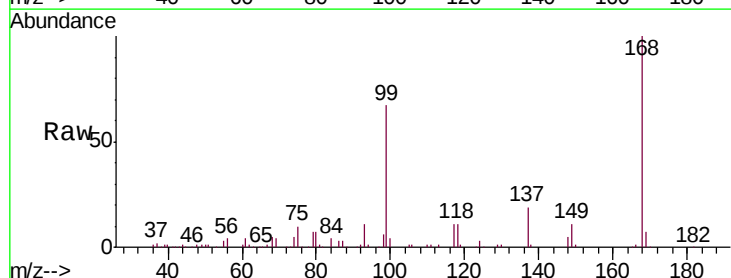
Tgt Ion: 56 Resp: 2314

Ion Ratio Lower Upper

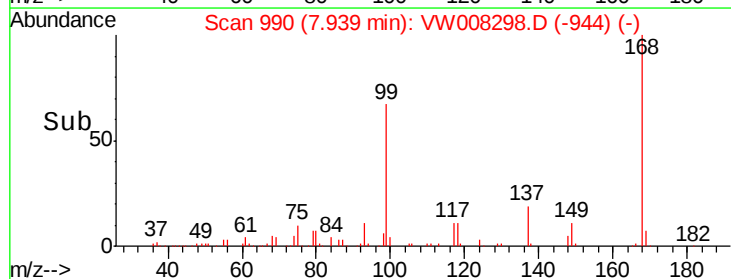
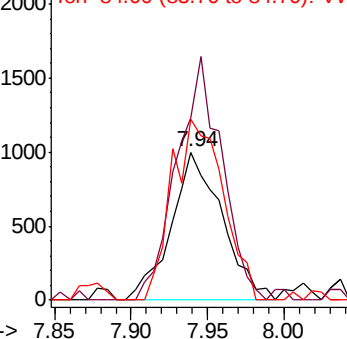
56 100

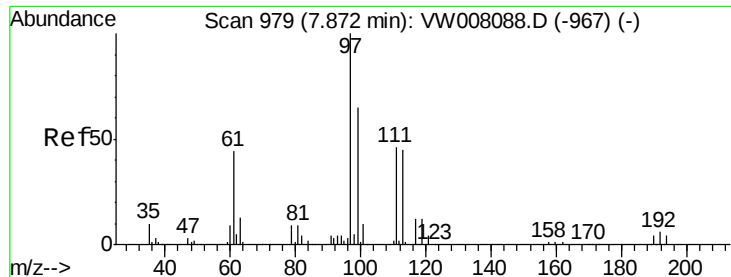
69 122.8 26.2 39.4#

84 122.6 67.4 101.2#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW





#32

1,1,1-Trichloroethane

Concen: 7.551 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW008298.D

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EO-01-011518-C

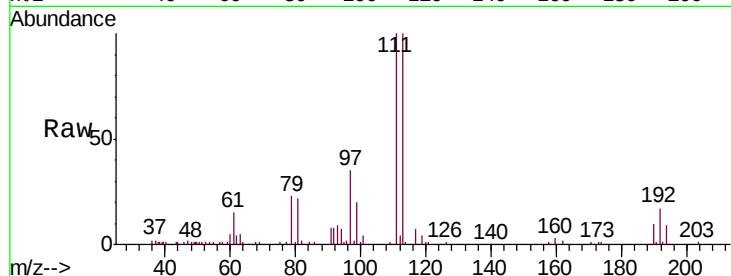
Tgt Ion: 97 Resp: 10471

Ion Ratio Lower Upper

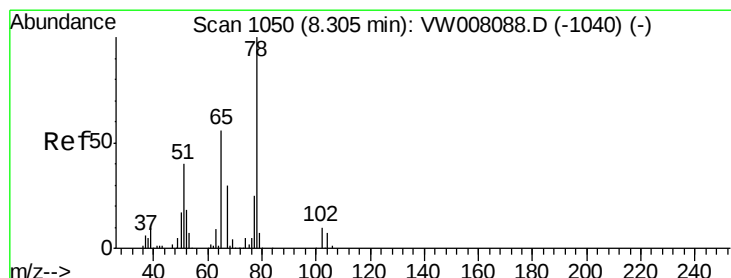
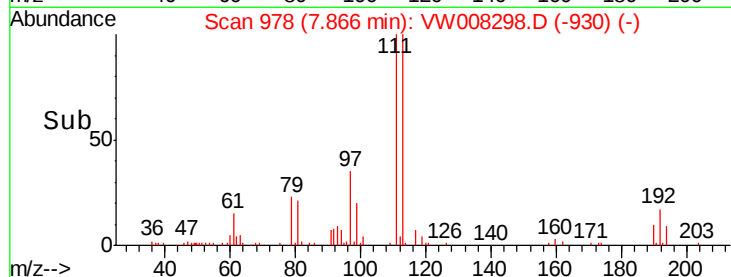
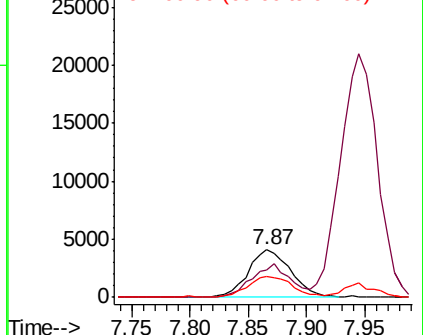
97 100

99 63.9 51.4 77.0

61 45.7 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW



#33

1,2-Dichloroethane-d4

Concen: 59.373 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008298.D

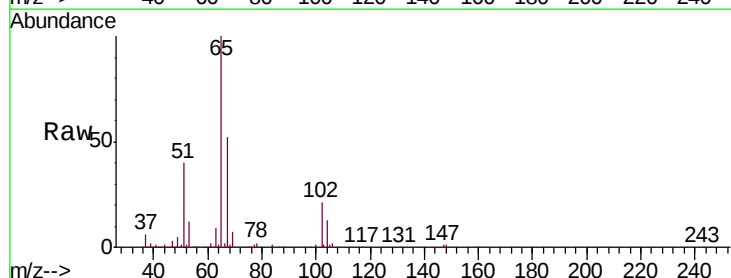
Acq: 15 Jan 2019 22:43

Tgt Ion: 65 Resp: 50570

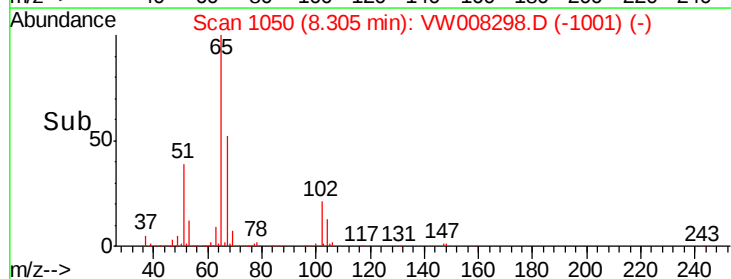
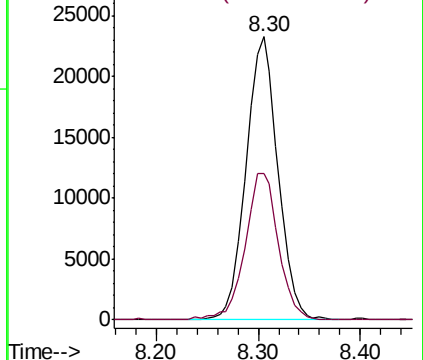
Ion Ratio Lower Upper

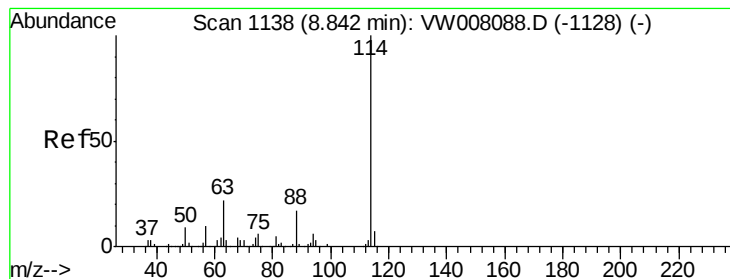
65 100

67 54.3 0.0 106.8



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: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-C

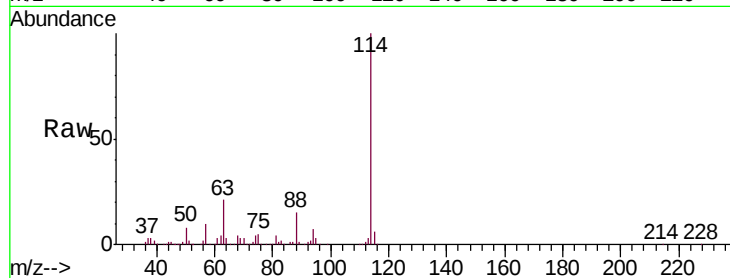
Tgt Ion:114 Resp: 145245

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.4

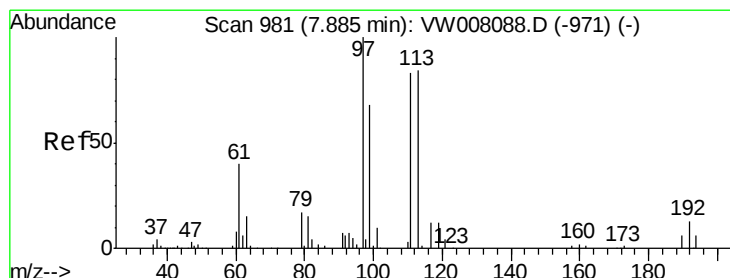
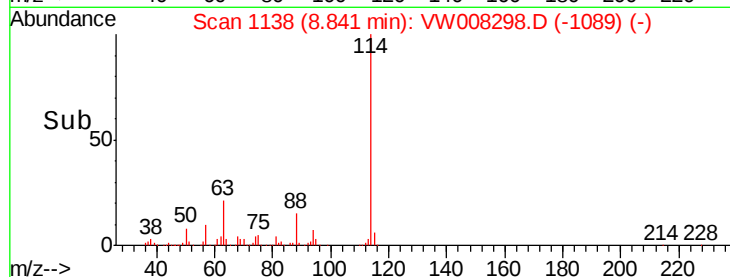
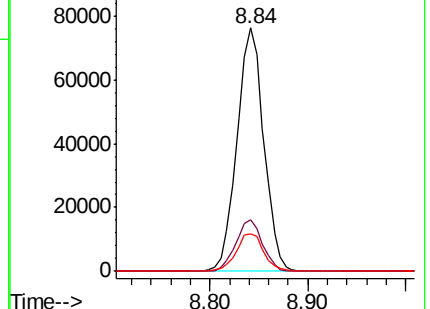
88 15.4 0.0 33.4



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: 55.707 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

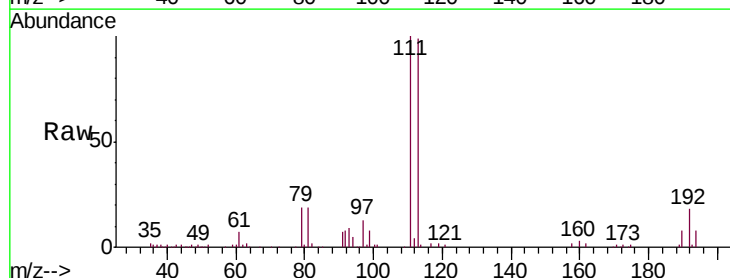
Tgt Ion:113 Resp: 47191

Ion Ratio Lower Upper

113 100

111 104.5 81.8 122.8

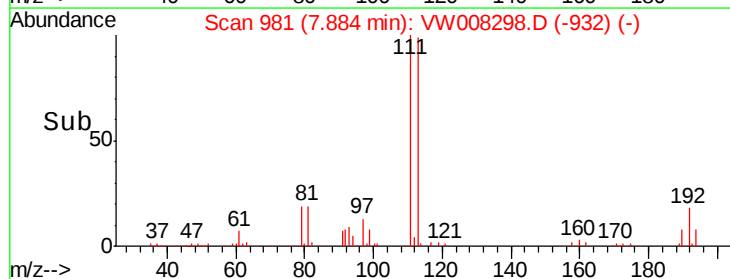
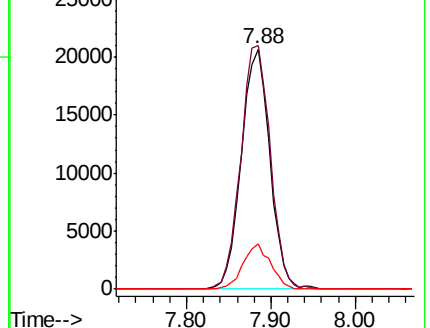
192 18.0 12.8 19.2

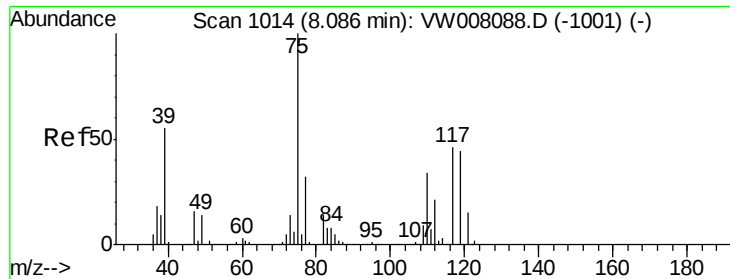


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

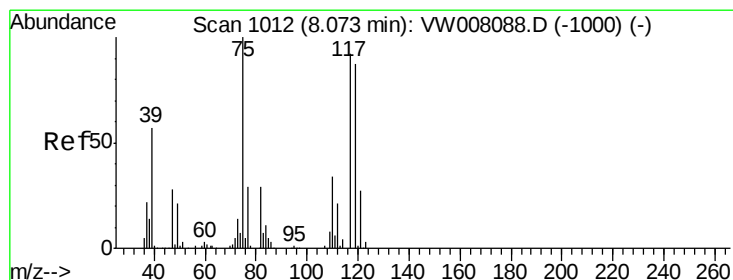
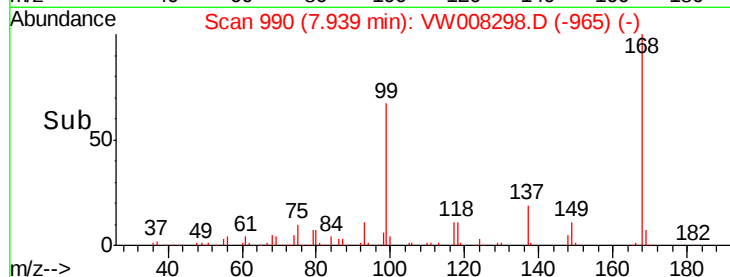
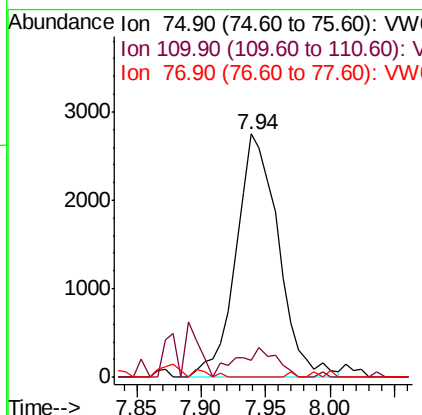
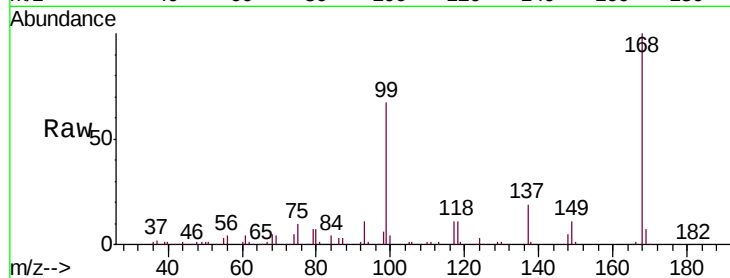




#36
 1,1-Dichloropropene
 Concen: 4.183 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.15 min
 Lab File: VW008298.D
 Acq: 15 Jan 2019 22:43

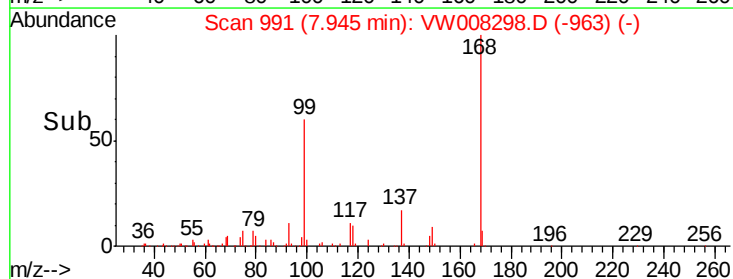
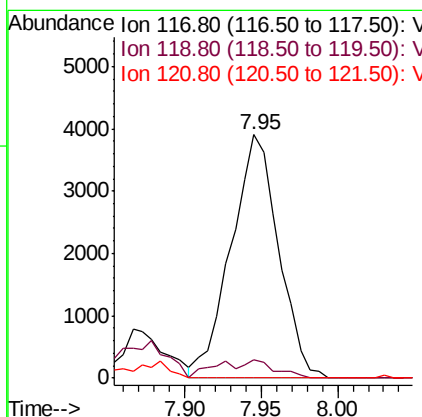
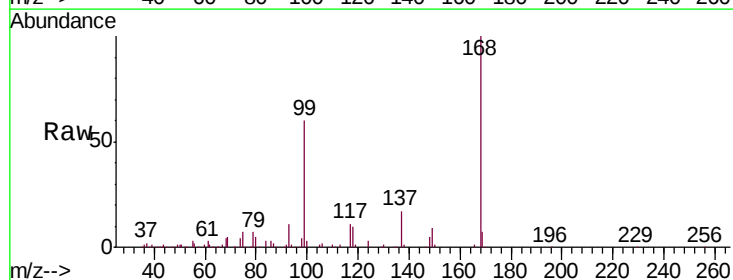
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-011518-C

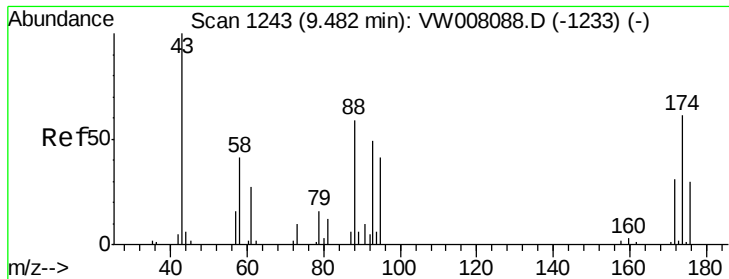
Tgt Ion: 75 Resp: 6258
 Ion Ratio Lower Upper
 75 100
 110 11.5 17.1 51.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.133 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008298.D
 Acq: 15 Jan 2019 22:43

Tgt Ion: 117 Resp: 8398
 Ion Ratio Lower Upper
 117 100
 119 7.5 75.8 113.8#
 121 0.0 23.7 35.5#





#49

1,4-Dioxane

Concen: 2.643 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.03 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-C

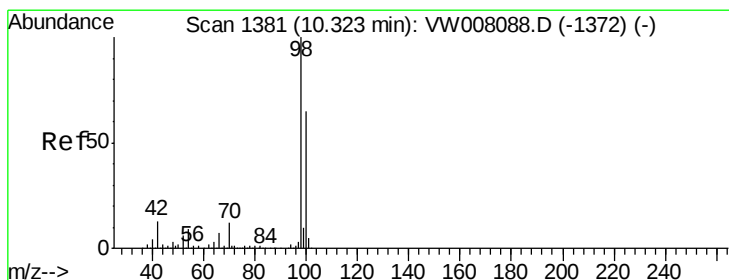
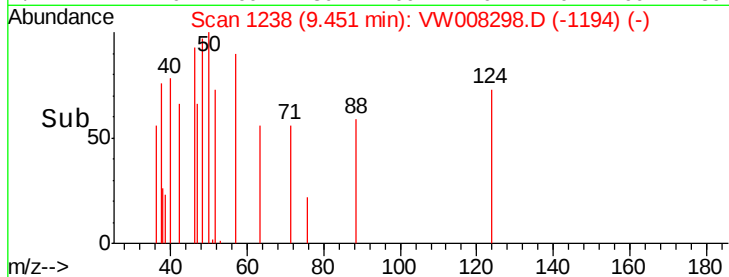
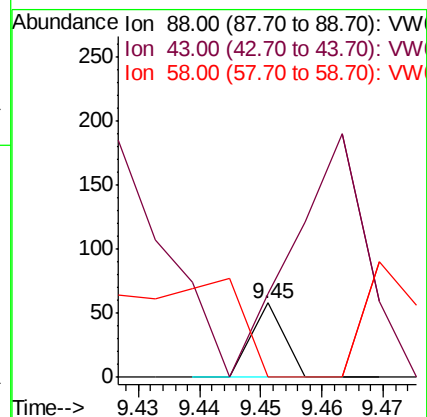
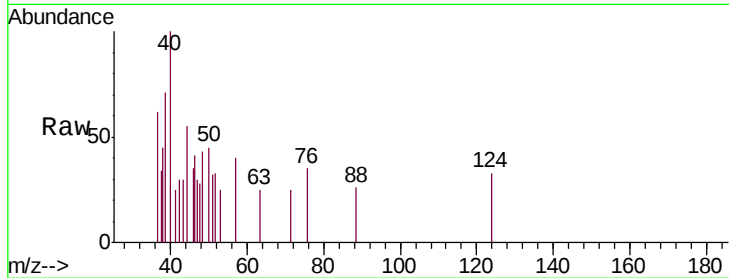
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 757.1 0.0 0.0#

58 371.4 61.7 92.5#



#50

Toluene-d8

Concen: 49.983 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008298.D

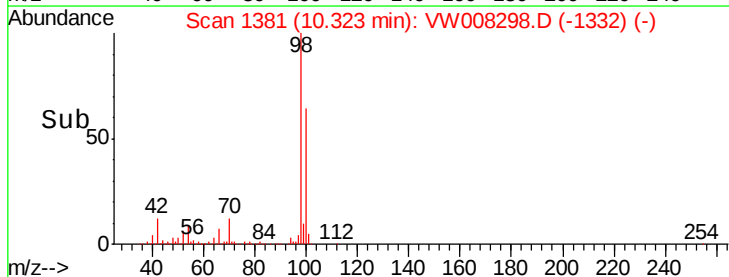
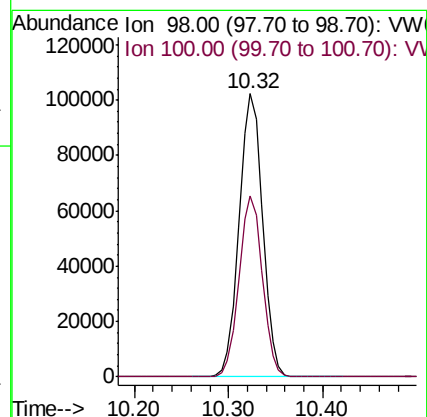
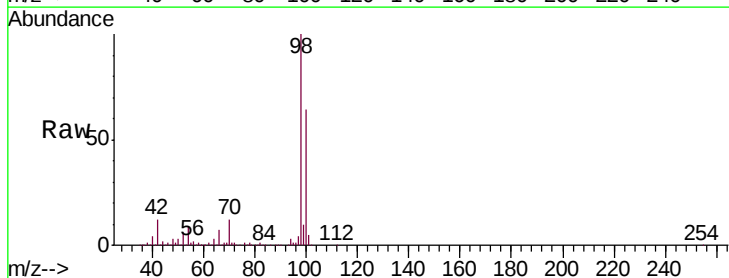
Acq: 15 Jan 2019 22:43

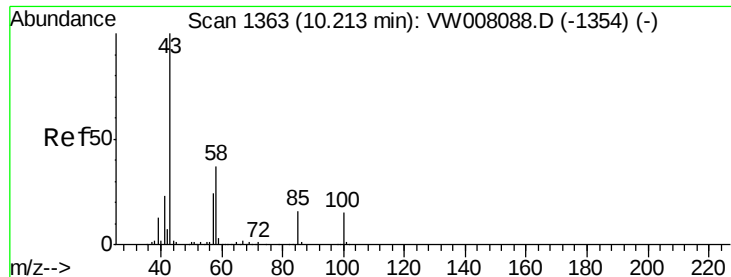
Tgt Ion: 98 Resp: 177682

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5

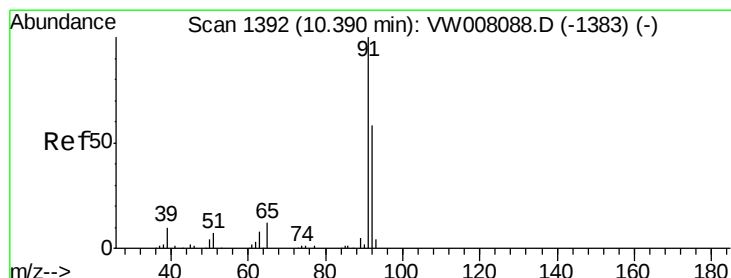
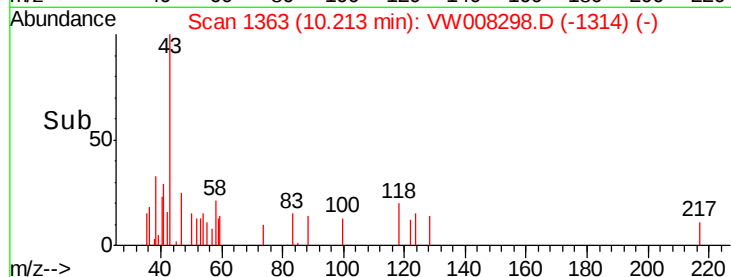
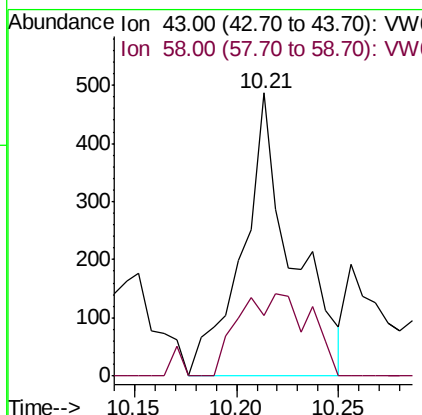
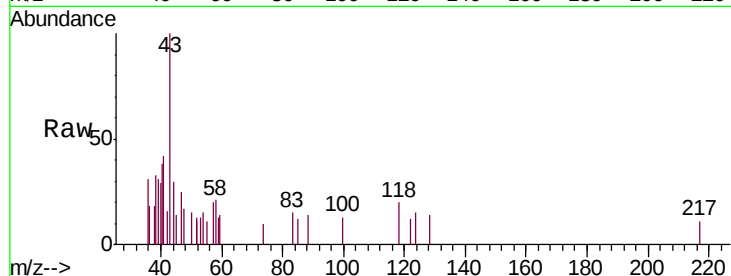




#51
 4-Methyl-2-Pentanone
 Concen: 1.427 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008298.D
 Acq: 15 Jan 2019 22:43

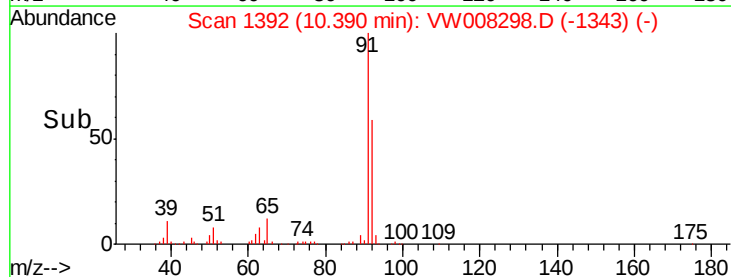
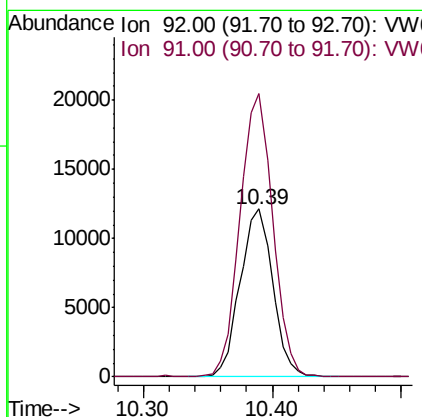
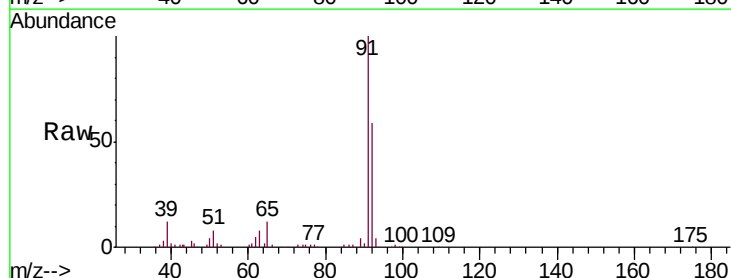
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-011518-C

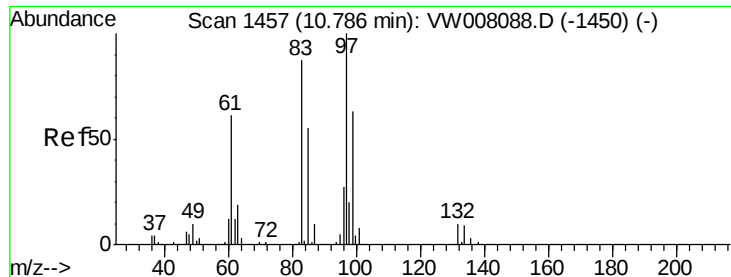
Tgt Ion: 43 Resp: 828
 Ion Ratio Lower Upper
 43 100
 58 41.4 30.6 46.0



#52
 Toluene
 Concen: 8.242 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008298.D
 Acq: 15 Jan 2019 22:43

Tgt Ion: 92 Resp: 21360
 Ion Ratio Lower Upper
 92 100
 91 169.0 137.0 205.4





#55

1,1,2-Trichloroethane

Concen: 1.188 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-C

Tgt Ion: 97 Resp: 824

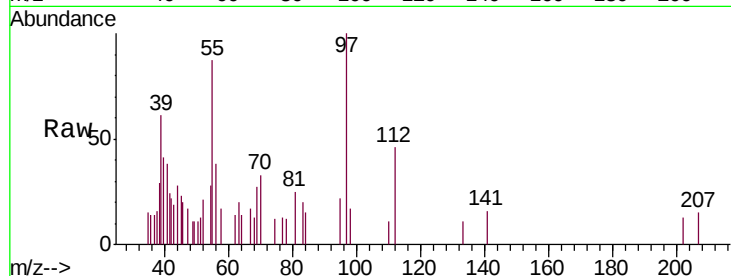
Ion Ratio Lower Upper

97 100

83 19.8 69.3 103.9#

85 0.0 43.8 65.6#

99 0.0 50.0 75.0#



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

600

400

200

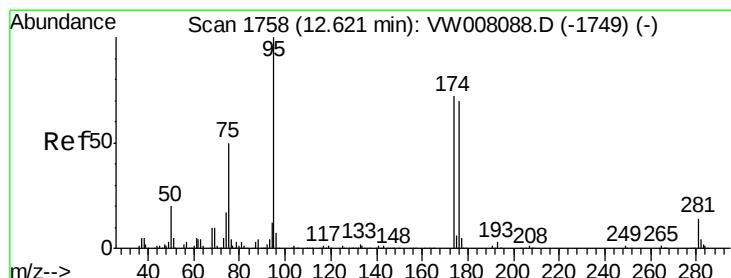
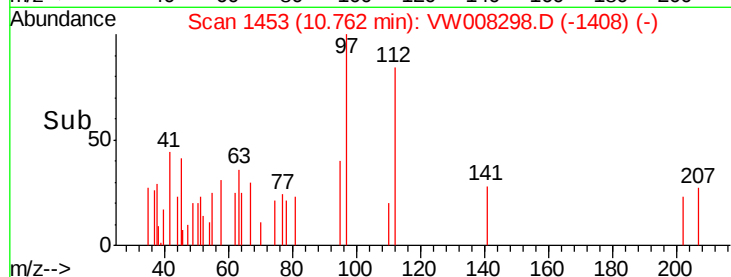
0

10.70

10.75

10.80

Time-->



#62

4-Bromofluorobenzene

Concen: 45.186 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

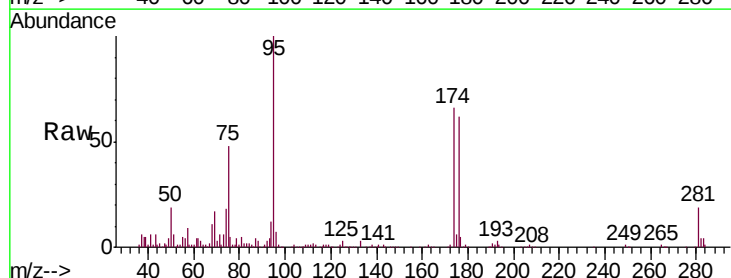
Tgt Ion: 95 Resp: 57586

Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.0

176 70.4 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

40000

30000

20000

10000

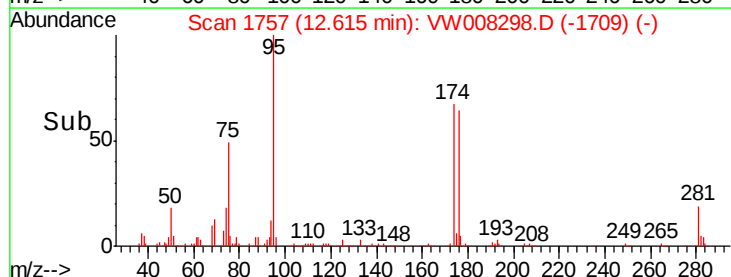
0

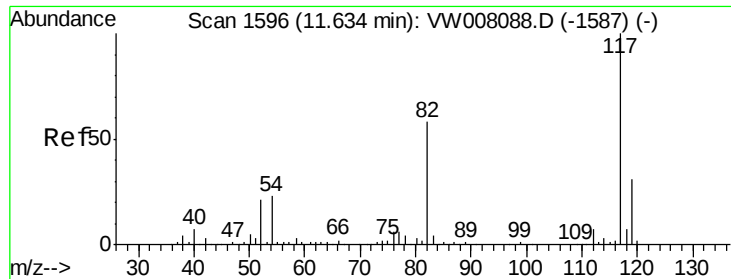
12.55

12.60

12.65

Time-->

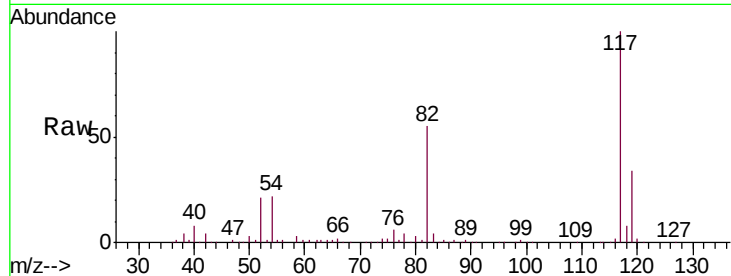




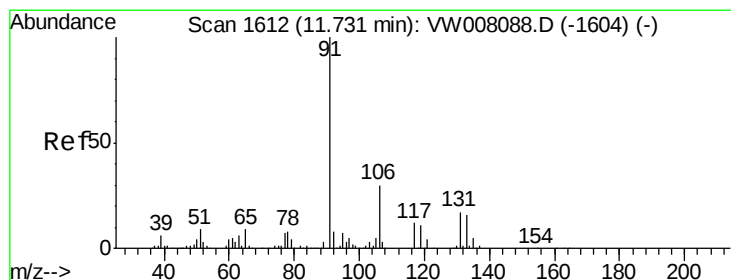
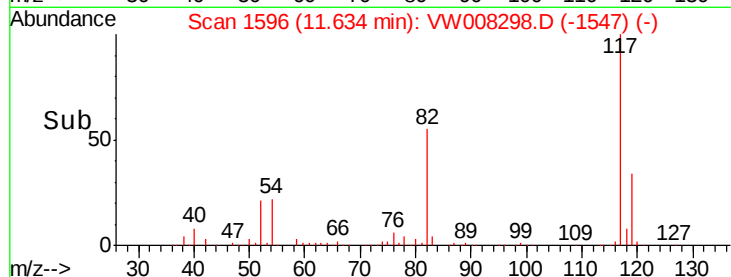
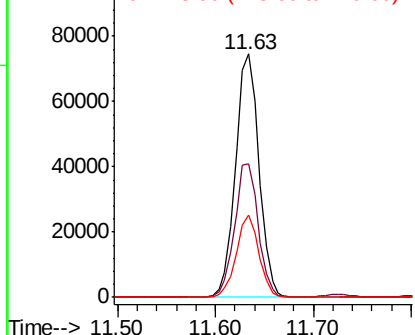
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

Tgt Ion: 117 Resp: 124064
Ion Ratio Lower Upper
117 100
82 54.4 46.4 69.6
119 33.8 24.7 37.1

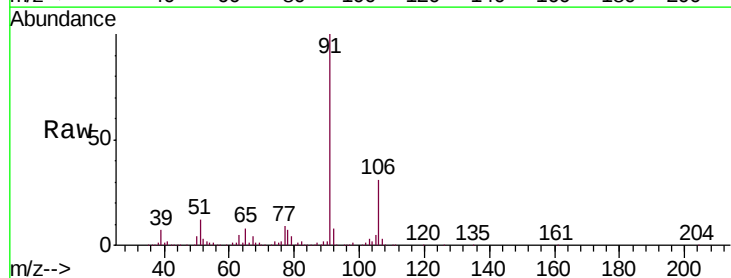


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

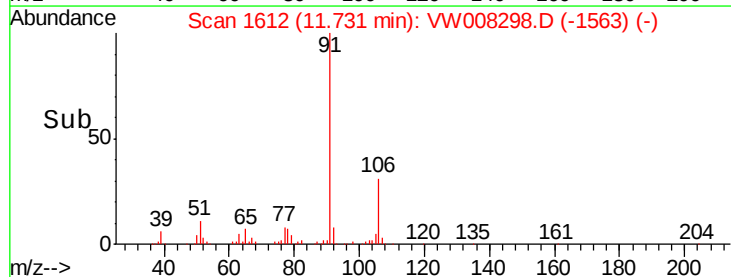
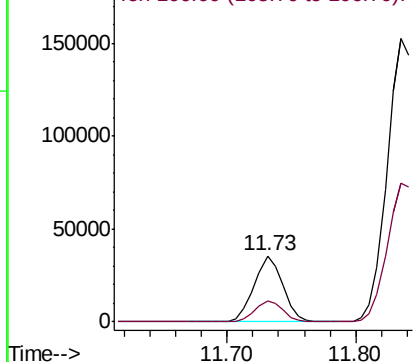


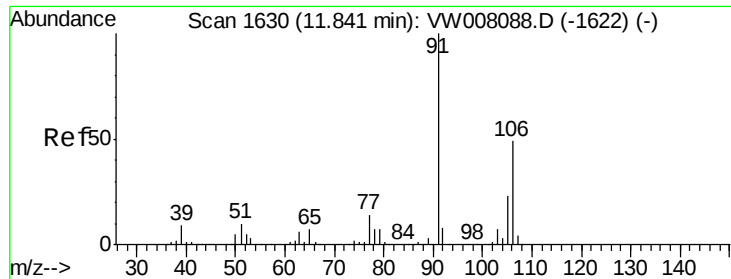
#67
Ethyl Benzene
Concen: 11.370 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

Tgt Ion: 91 Resp: 54680
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4



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

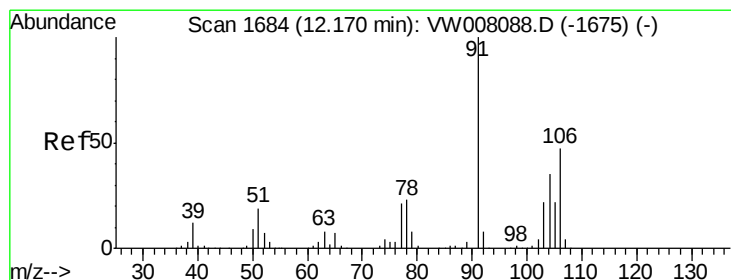
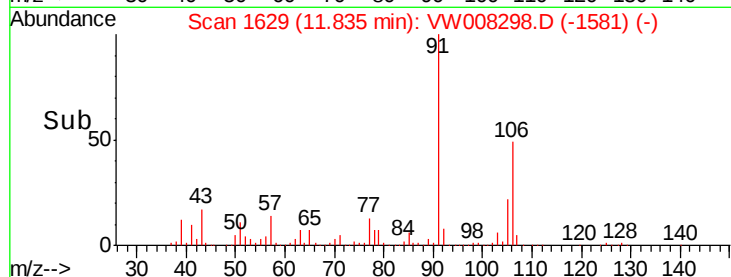
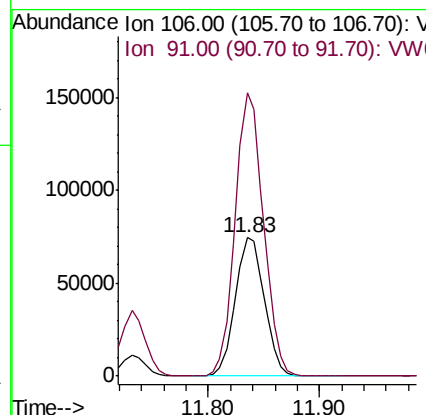
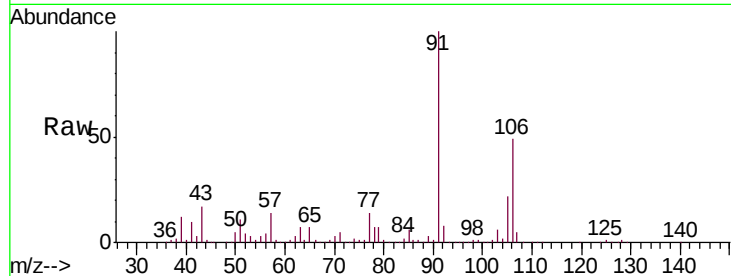




#68
m/p-Xylenes
Concen: 73.320 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

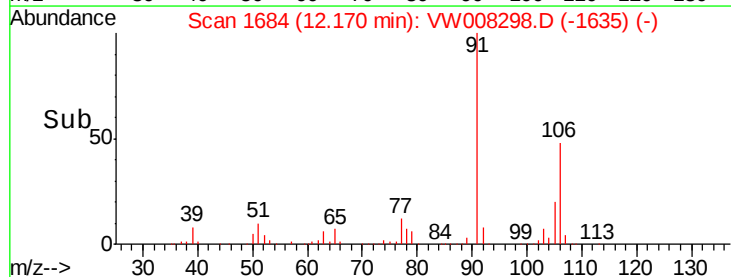
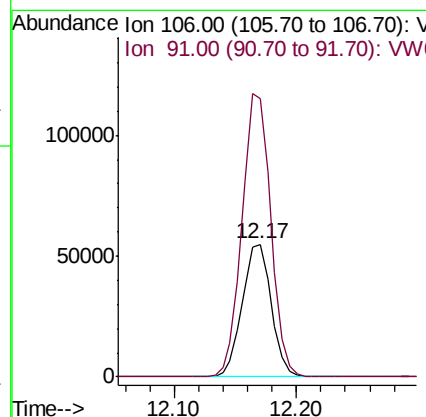
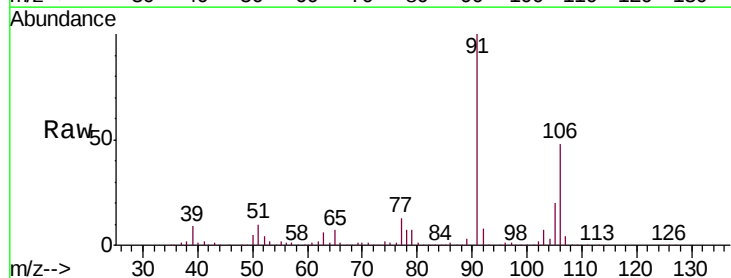
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

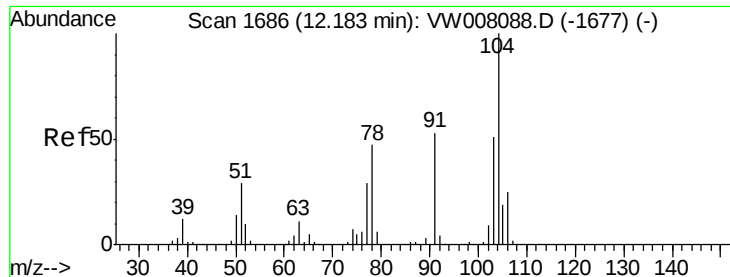
Tgt Ion:106 Resp: 134589
Ion Ratio Lower Upper
106 100
91 199.6 162.4 243.6



#69
o-Xylene
Concen: 53.061 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

Tgt Ion:106 Resp: 90197
Ion Ratio Lower Upper
106 100
91 211.8 107.8 323.6





#70

Styrene

Concen: 2.106 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.02 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-C

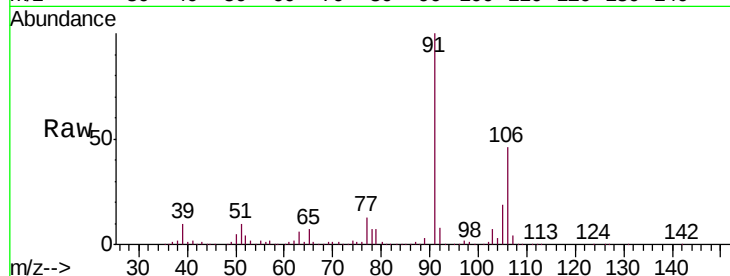
Tgt Ion:104 Resp: 5608

Ion Ratio Lower Upper

104 100

78 247.4 41.8 62.8#

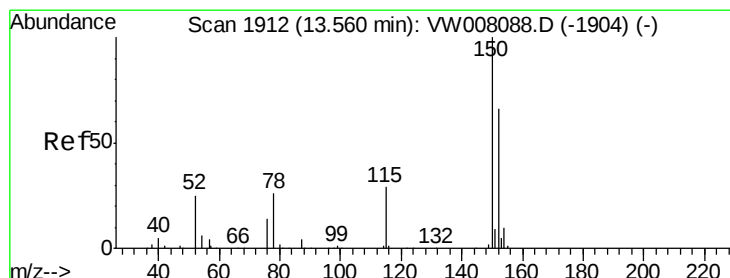
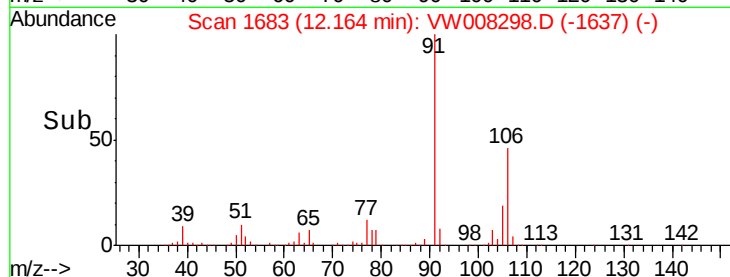
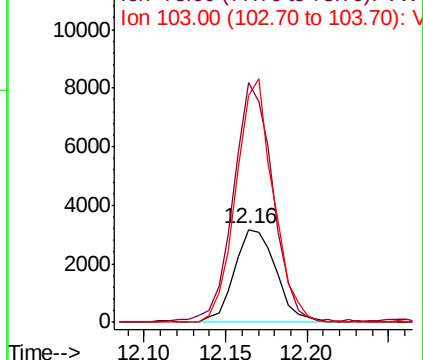
103 235.8 43.8 65.8#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

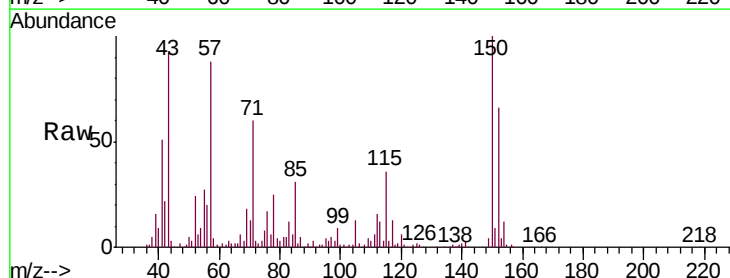
Tgt Ion:152 Resp: 47042

Ion Ratio Lower Upper

152 100

115 63.2 30.8 92.4

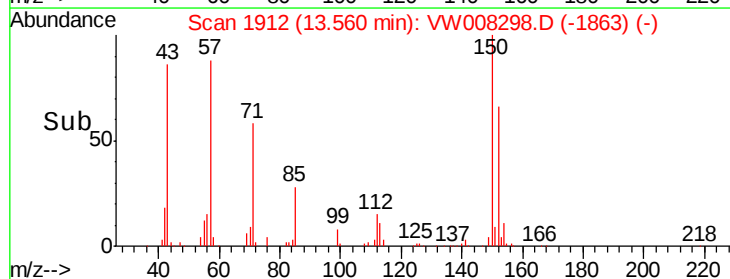
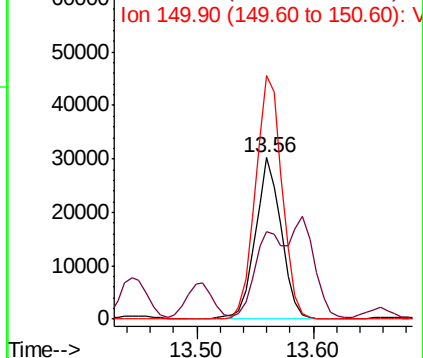
150 153.9 0.0 350.2

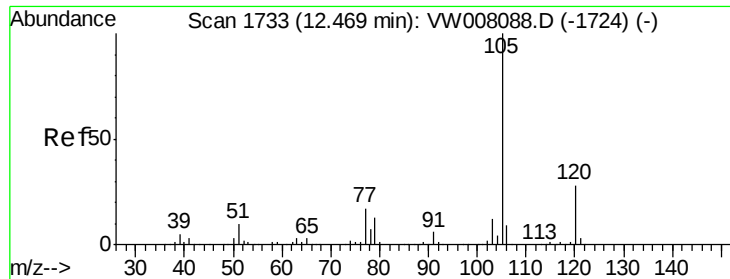


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.421 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

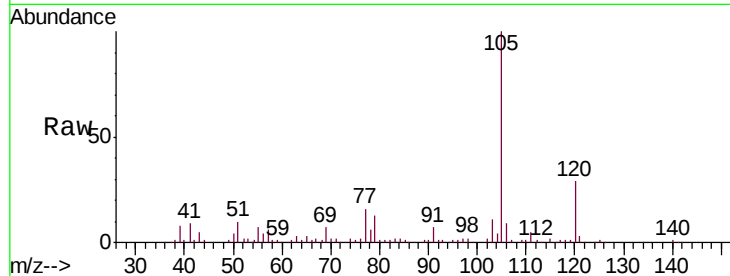
EO-01-011518-C

Tgt Ion: 105 Resp: 60646

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

40000

30000

20000

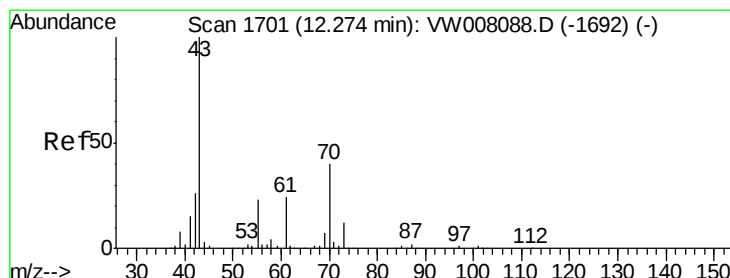
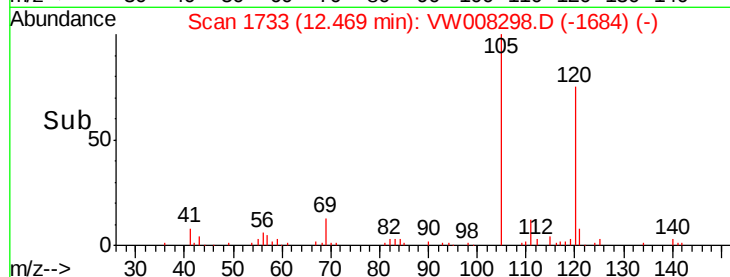
10000

0

Time-->

12.40

12.50



#74

N-ethyl acetate

Concen: 15.765 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Tgt Ion: 43 Resp: 12894

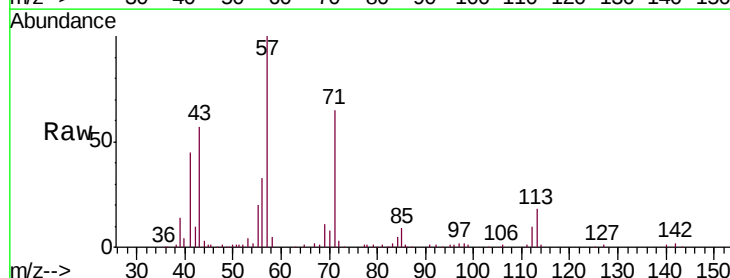
Ion Ratio Lower Upper

43 100

70 23.5 32.4 48.6#

55 21.3 18.7 28.1

61 0.0 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.26

10000

5000

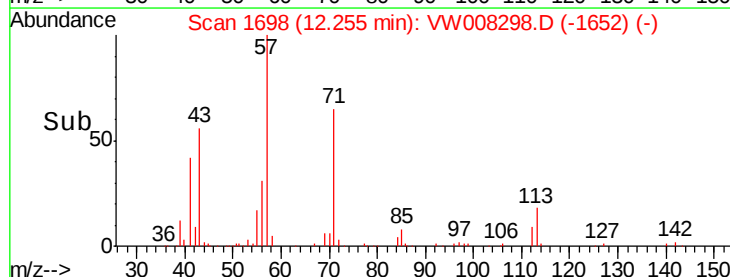
0

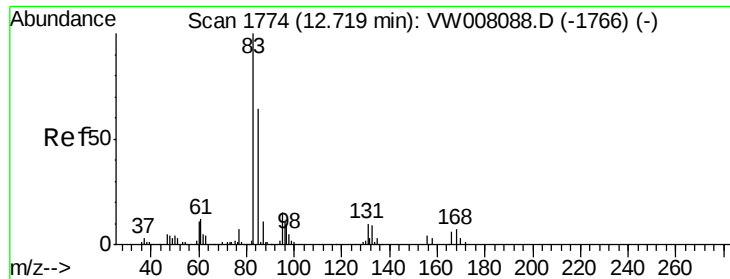
Time-->

12.20

12.25

12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 1.374 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-C

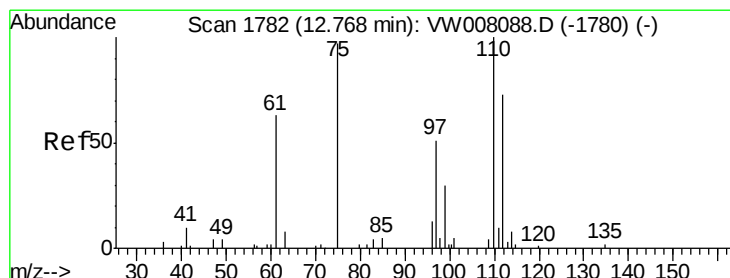
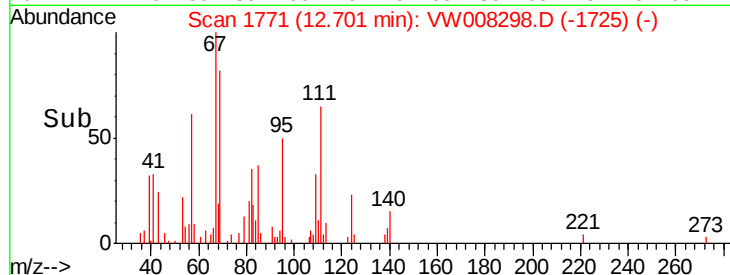
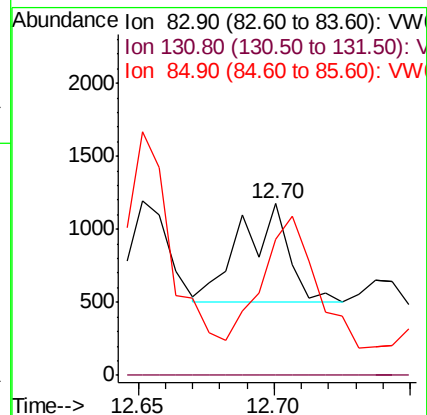
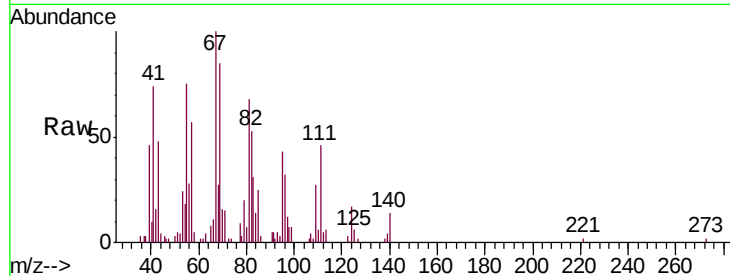
Tgt Ion: 83 Resp: 812

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.4 97.2#



#76

1,2,3-Trichloropropane

Concen: 3.556 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VW008298.D

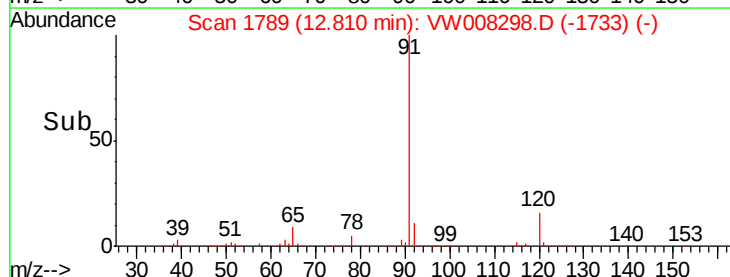
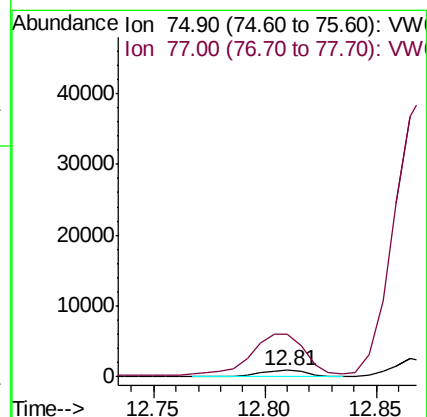
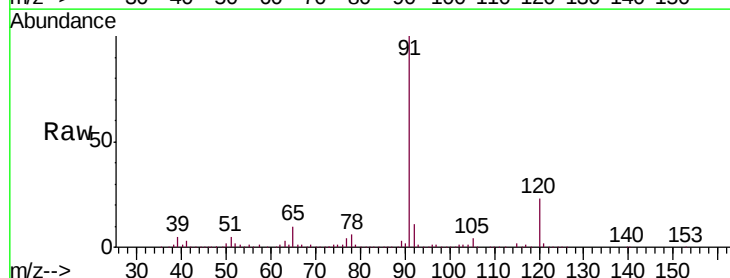
Acq: 15 Jan 2019 22:43

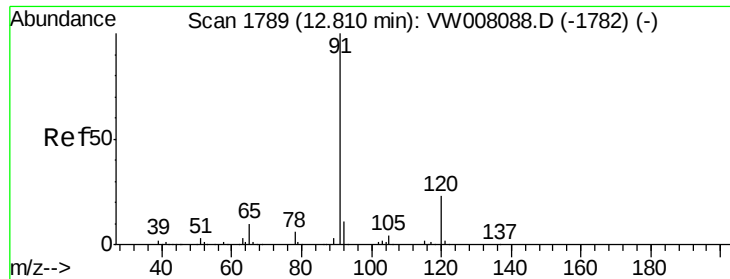
Tgt Ion: 75 Resp: 1525

Ion Ratio Lower Upper

75 100

77 654.6 179.4 538.2#

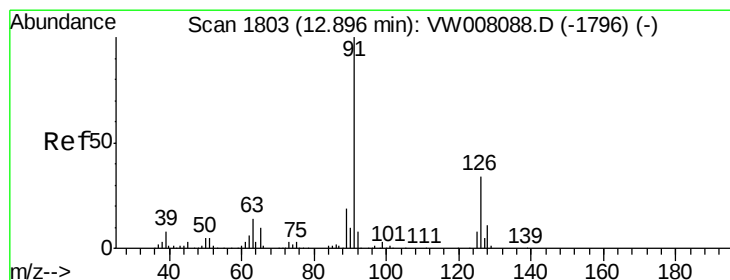
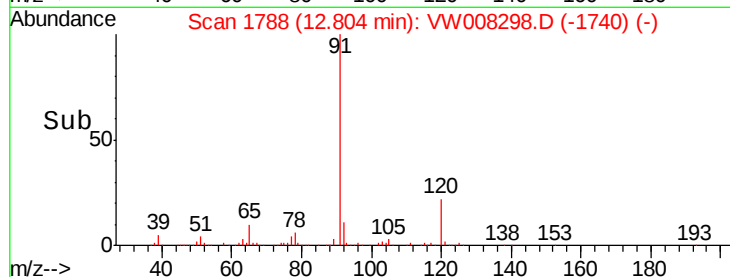
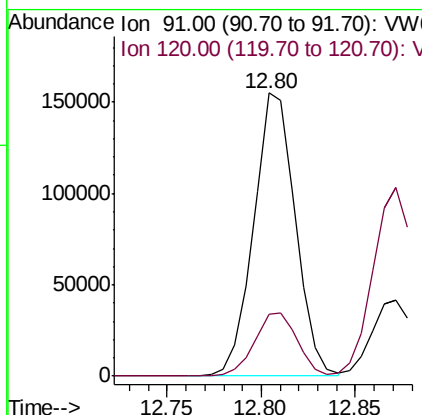
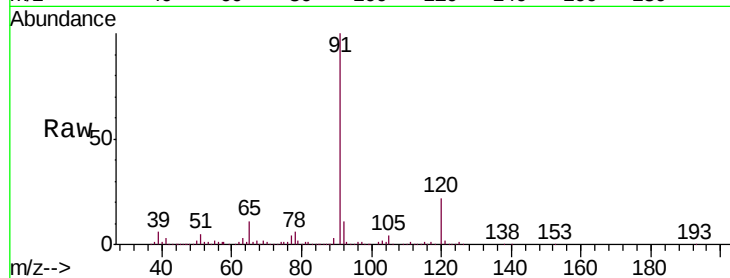




#78
n-propylbenzene
Concen: 52.399 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

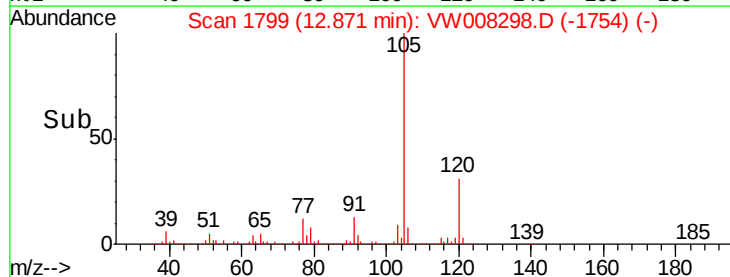
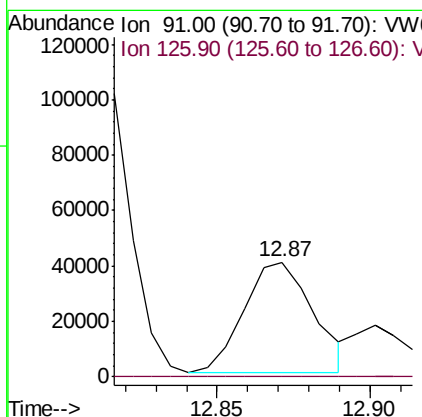
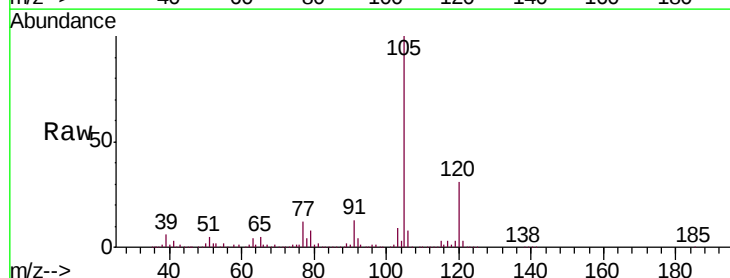
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

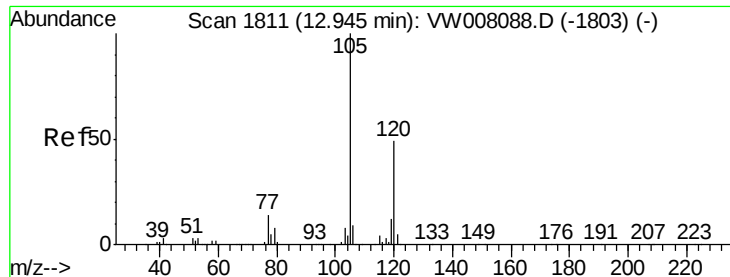
Tgt Ion: 91 Resp: 237117
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.8



#79
2-Chlorotoluene
Concen: 24.958 ug/l
RT: 12.87 min Scan# 1799
Delta R.T. -0.02 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

Tgt Ion: 91 Resp: 63011
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.3#





#80

1,3,5-Trimethylbenzene

Concen: 101.221 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

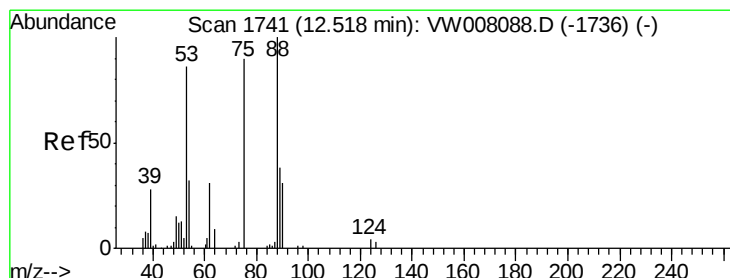
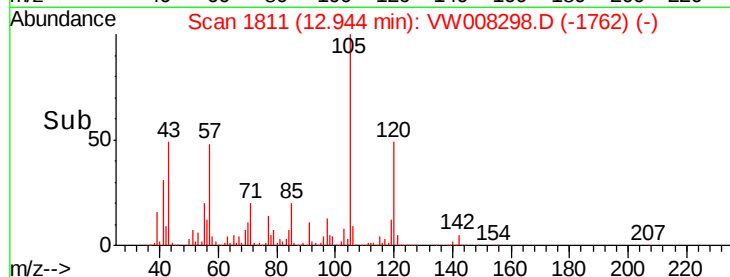
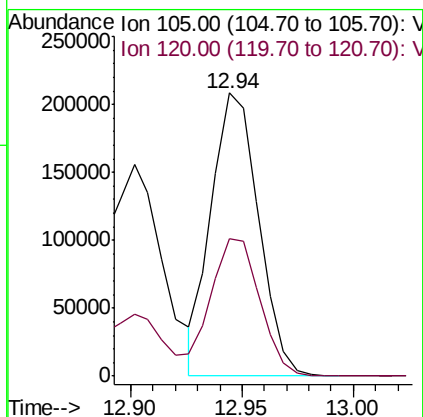
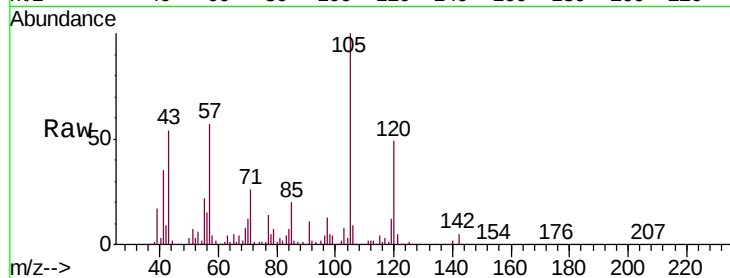
EO-01-011518-C

Tgt Ion:105 Resp: 307201

Ion Ratio Lower Upper

105 100

120 51.8 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 5.425 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.06 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

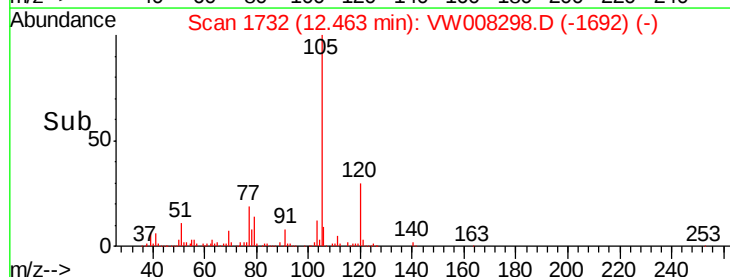
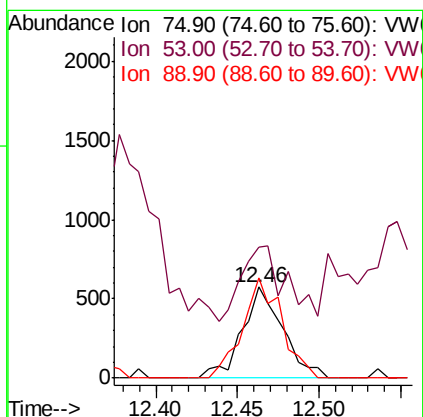
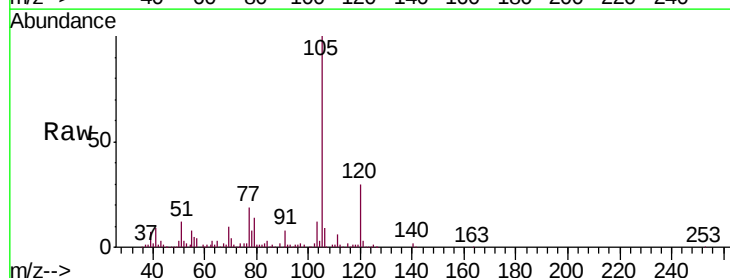
Tgt Ion: 75 Resp: 999

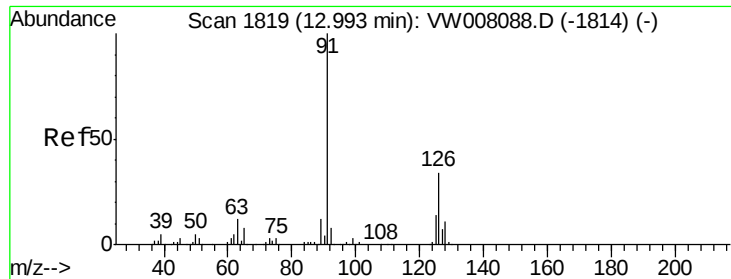
Ion Ratio Lower Upper

75 100

53 90.4 78.8 118.2

89 105.3 35.4 53.2#





#82

4-Chlorotoluene

Concen: 12.518 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

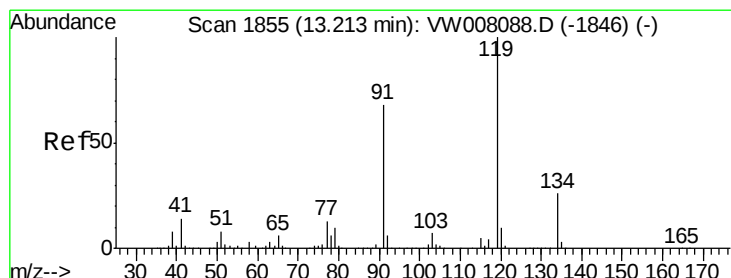
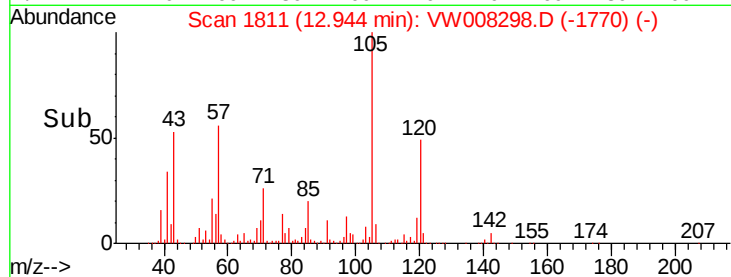
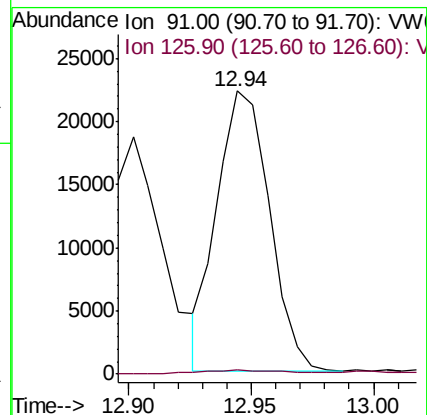
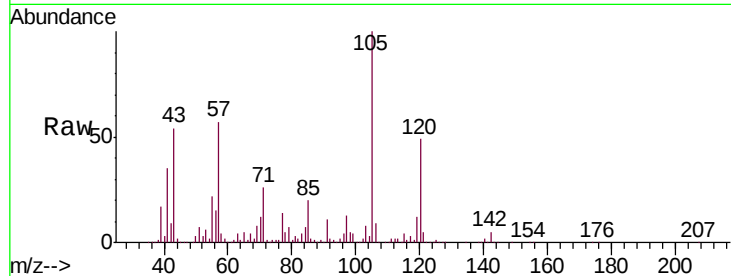
EO-01-011518-C

Tgt Ion: 91 Resp: 33285

Ion Ratio Lower Upper

91 100

126 2.0 16.5 49.5#



#83

tert-Butylbenzene

Concen: 3.066 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

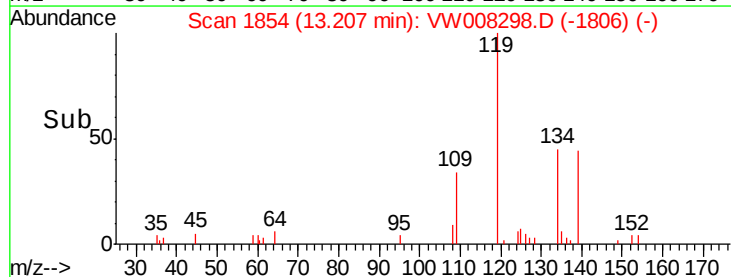
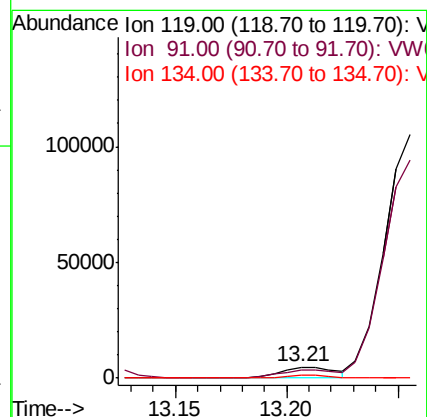
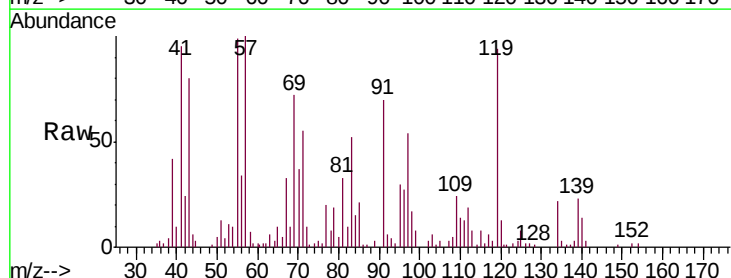
Tgt Ion: 119 Resp: 8232

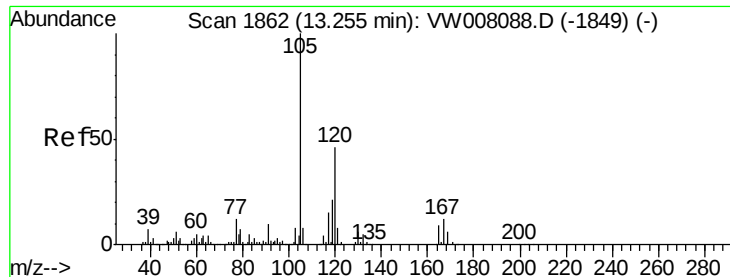
Ion Ratio Lower Upper

119 100

91 74.8 33.9 101.6

134 25.7 13.6 40.8





#84

1,2,4-Trimethylbenzene

Concen: 420.884 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

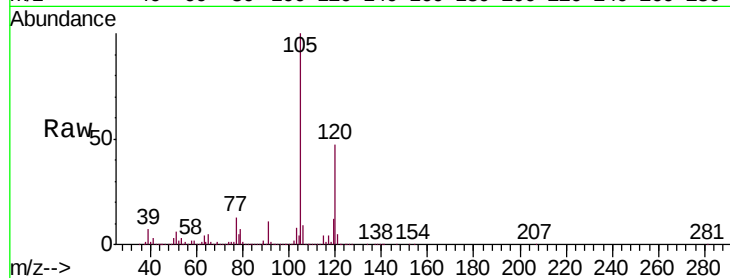
EO-01-011518-C

Tgt Ion:105 Resp: 1317443

Ion Ratio Lower Upper

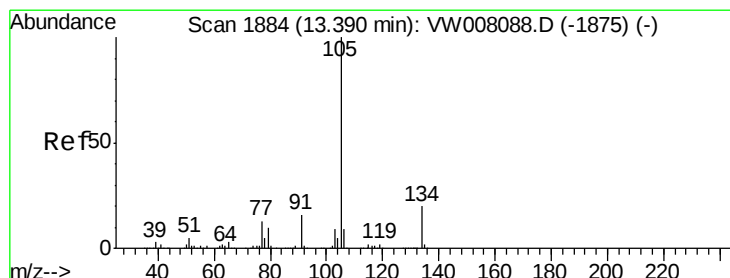
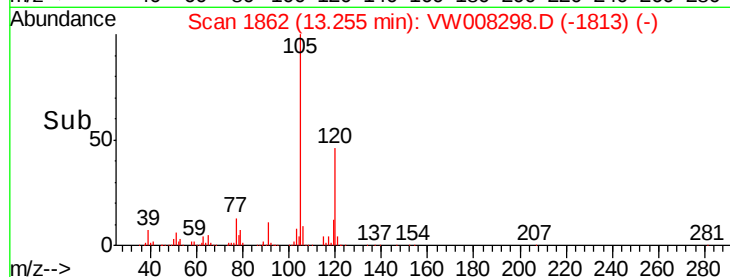
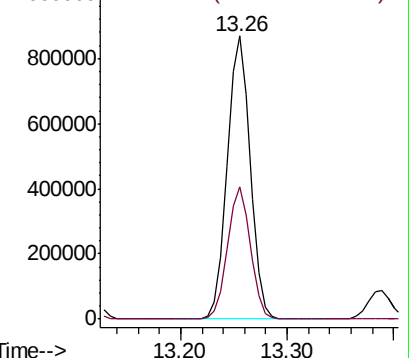
105 100

120 46.5 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

1000000 Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 34.853 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008298.D

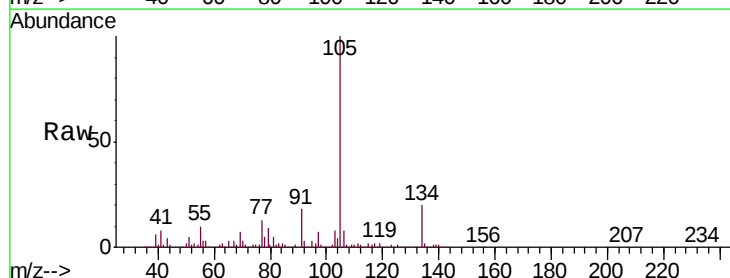
Acq: 15 Jan 2019 22:43

Tgt Ion:105 Resp: 137081

Ion Ratio Lower Upper

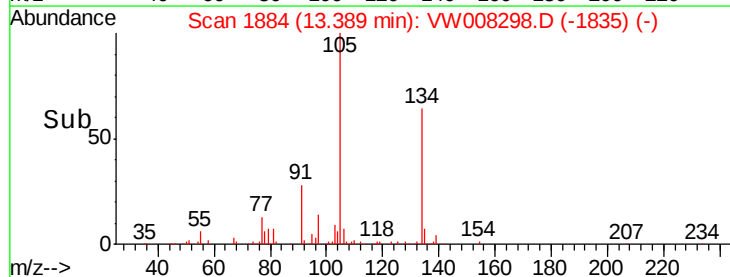
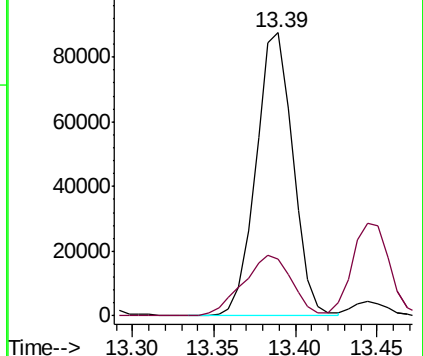
105 100

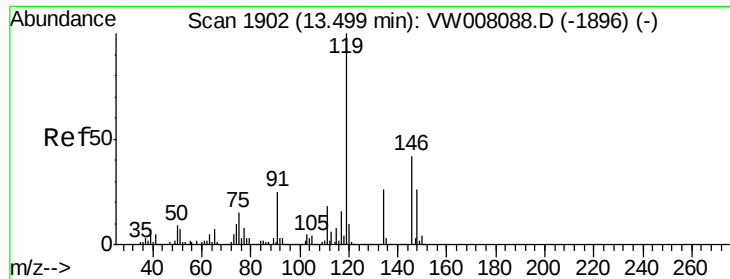
134 28.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

100000 Ion 134.00 (133.70 to 134.70): V

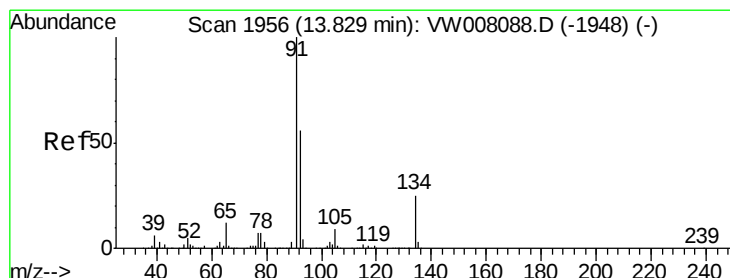
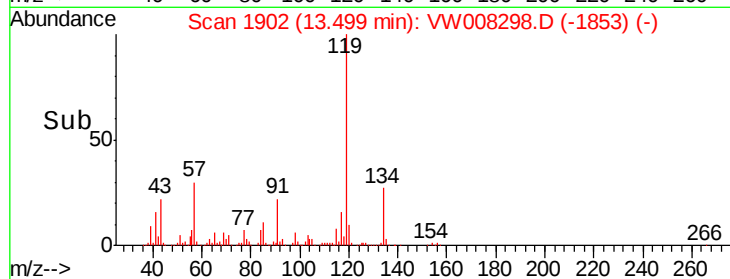
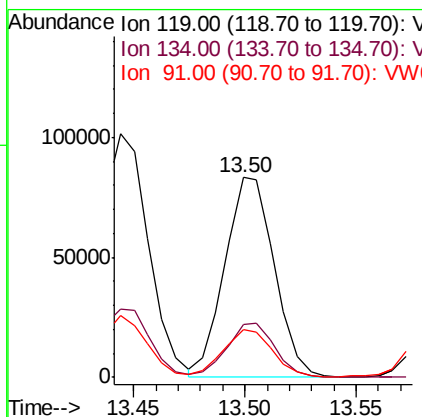
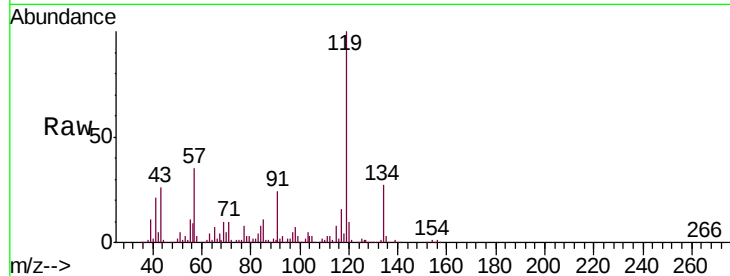




#86
p-Isopropyltoluene
Concen: 37.913 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

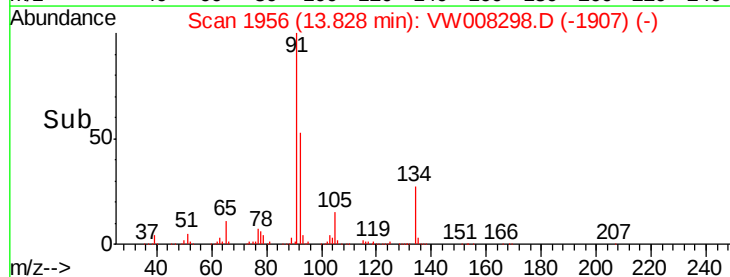
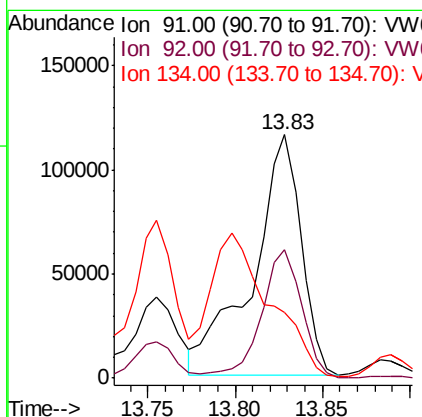
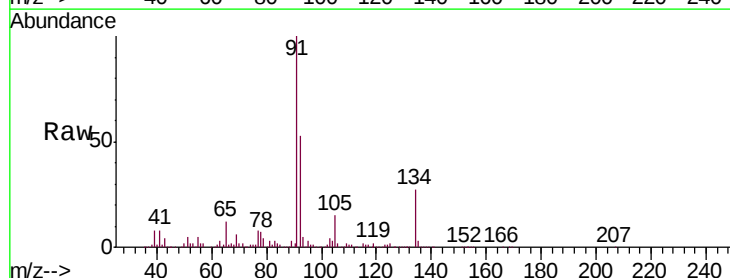
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

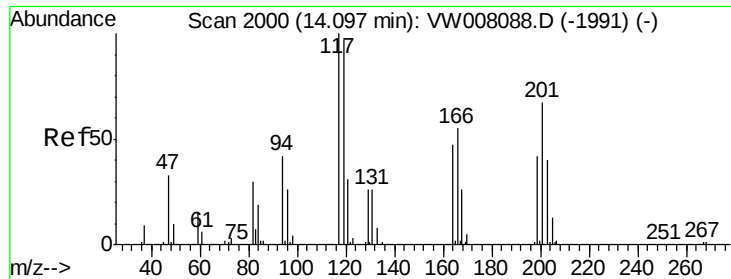
Tgt Ion: 119 Resp: 128769
Ion Ratio Lower Upper
119 100
134 26.5 13.3 39.8
91 22.9 12.3 36.9



#89
n-Butylbenzene
Concen: 66.742 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

Tgt Ion: 91 Resp: 222014
Ion Ratio Lower Upper
91 100
92 44.4 27.4 82.2
134 0.0 12.6 37.8#





#90

Hexachloroethane

Concen: 43.699 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

Instrument :

MSVOA_W

ClientSampleId :

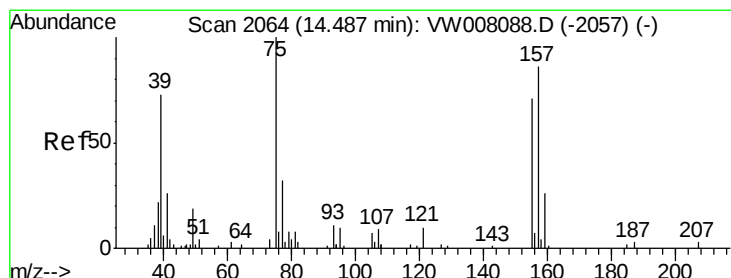
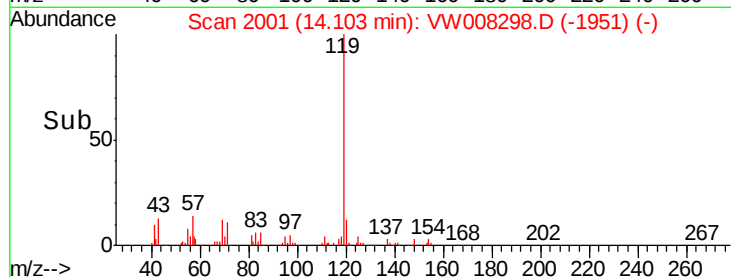
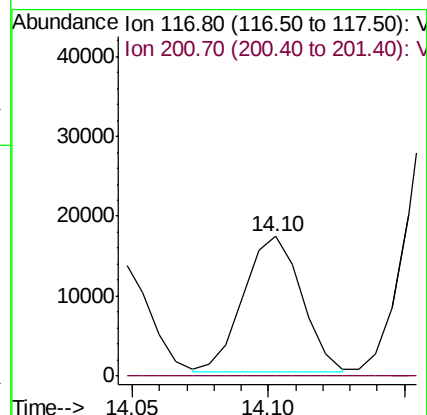
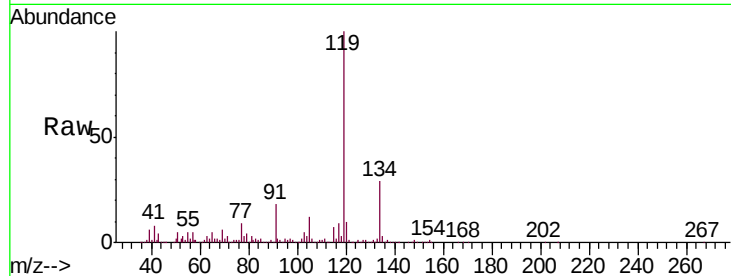
EO-01-011518-C

Tgt Ion:117 Resp: 25069

Ion Ratio Lower Upper

117 100

201 0.0 33.0 98.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.732 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW008298.D

Acq: 15 Jan 2019 22:43

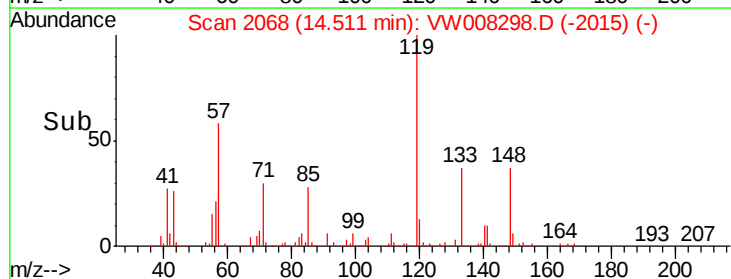
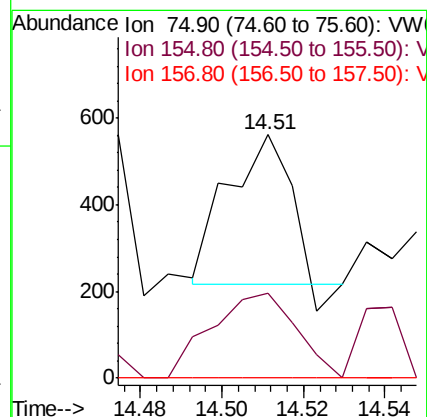
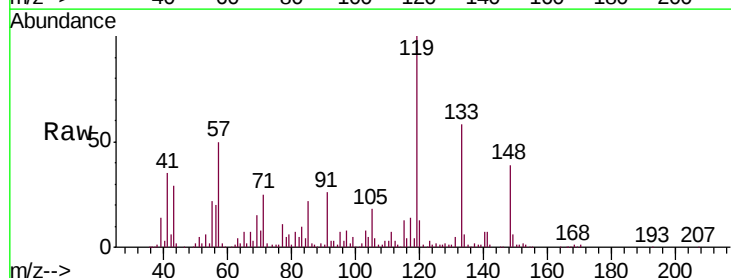
Tgt Ion: 75 Resp: 355

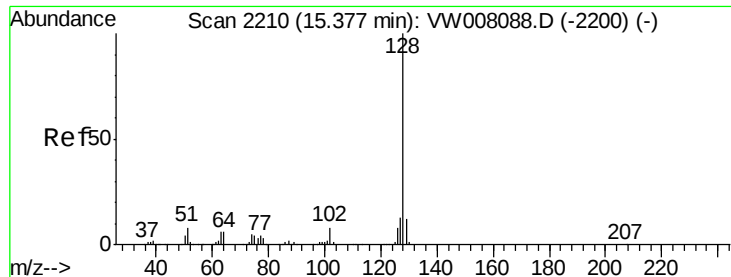
Ion Ratio Lower Upper

75 100

155 80.3 38.6 115.7

157 0.0 47.5 142.6#

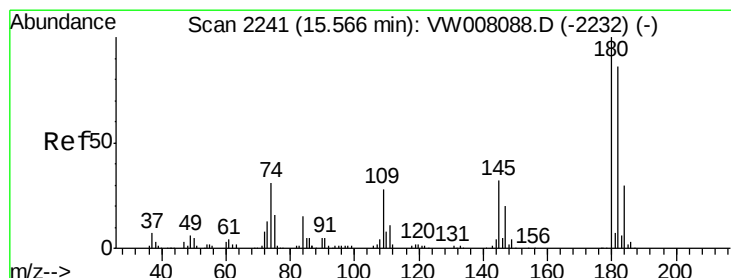
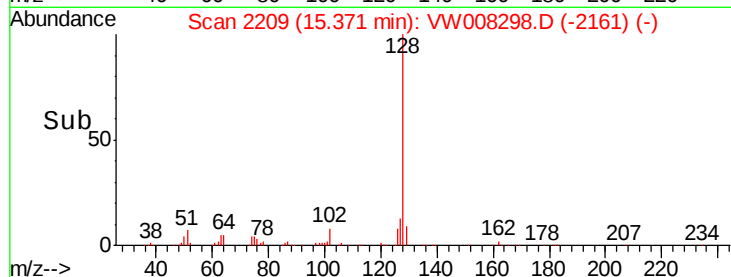
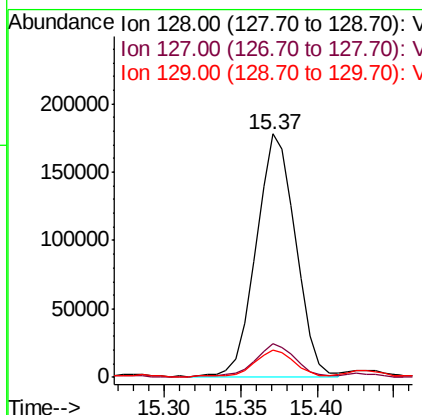
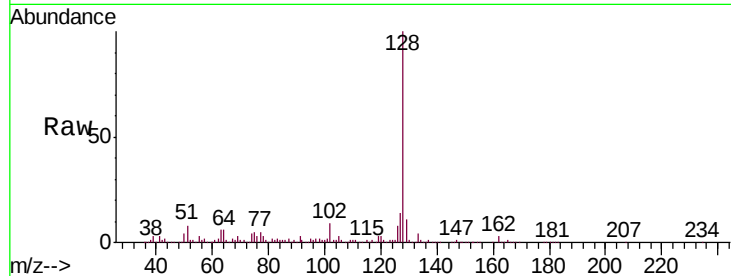




#95
Naphthalene
Concen: 183.705 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-C

Tgt Ion:128 Resp: 316832
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 11.2 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 1.035 ug/l
RT: 15.58 min Scan# 2243
Delta R.T. 0.01 min
Lab File: VW008298.D
Acq: 15 Jan 2019 22:43

Tgt Ion:180 Resp: 815
Ion Ratio Lower Upper
180 100
182 0.0 46.5 139.3#
145 3865.0 17.4 52.2#

