

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008068.D
 Acq On : 07 Jan 2019 14:35
 Operator : SY/AP
 Sample : K1012-03RE
 Misc : 7.02G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-010419-B

Quant Time: Jan 08 03:43:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	58678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	95405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	73743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	33900	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
35) Dibromofluoromethane	7.88	113	28927	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	10.32	98	108706	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.62	95	33619	38.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.70%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	378	1.421	ug/l	96
11) Tert butyl alcohol	5.19	59	296	7.020	ug/l #	71
16) Acetone	4.13	43	7634	75.987	ug/l	97
18) Methyl Acetate	4.89	43	574	2.203	ug/l #	48
20) Methylene Chloride	4.92	84	5042	6.049	ug/l #	86
25) 2-Butanone	7.18	43	1155	9.758	ug/l #	85
31) Cyclohexane	7.96	56	5829	5.876	ug/l #	85
36) 1,1-Dichloropropene	7.95	75	4635	4.925	ug/l #	48
37) Ethyl Acetate	7.18	43	1155	4.086	ug/l #	67
38) Carbon Tetrachloride	7.95	117	6368	5.646	ug/l #	15
39) Methylcyclohexane	9.34	83	11397	9.715	ug/l	94
40) Benzene	8.32	78	9422	3.795	ug/l	93
48) Methyl methacrylate	9.52	41	369	1.296	ug/l #	55
51) 4-Methyl-2-Pentanone	10.32	43	776	2.968	ug/l #	1
52) Toluene	10.39	92	22635	13.810	ug/l	100
55) 1,1,2-Trichloroethane	10.77	97	1216	2.858	ug/l #	21
59) 2-Hexanone	10.93	43	964	5.341	ug/l #	25
67) Ethyl Benzene	11.74	91	15728	5.622	ug/l	93
68) m/p-Xylenes	11.84	106	22890	21.165	ug/l	100
69) o-Xylene	12.17	106	10996	10.927	ug/l	98
73) Isopropylbenzene	12.47	105	2494	1.156	ug/l	93
74) N-amyl acetate	12.26	43	832	2.477	ug/l #	41
76) 1,2,3-Trichloropropane	12.62	75	18459	85.512	ug/l #	1
78) n-propylbenzene	12.81	91	4201	1.679	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	17546	9.447	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.62	75	18459	202.222	ug/l #	6
82) 4-Chlorotoluene	12.94	91	1992	1.296	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.26	105	30595	16.264	ug/l	96
86) p-Isopropyltoluene	13.51	119	2751	1.364	ug/l	95
89) n-Butylbenzene	13.80	91	2840	1.540	ug/l #	1
90) Hexachloroethane	14.10	117	1089	3.113	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.46	75	93	1.669	ug/l #	2
95) Naphthalene	15.37	128	102201	103.907	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration

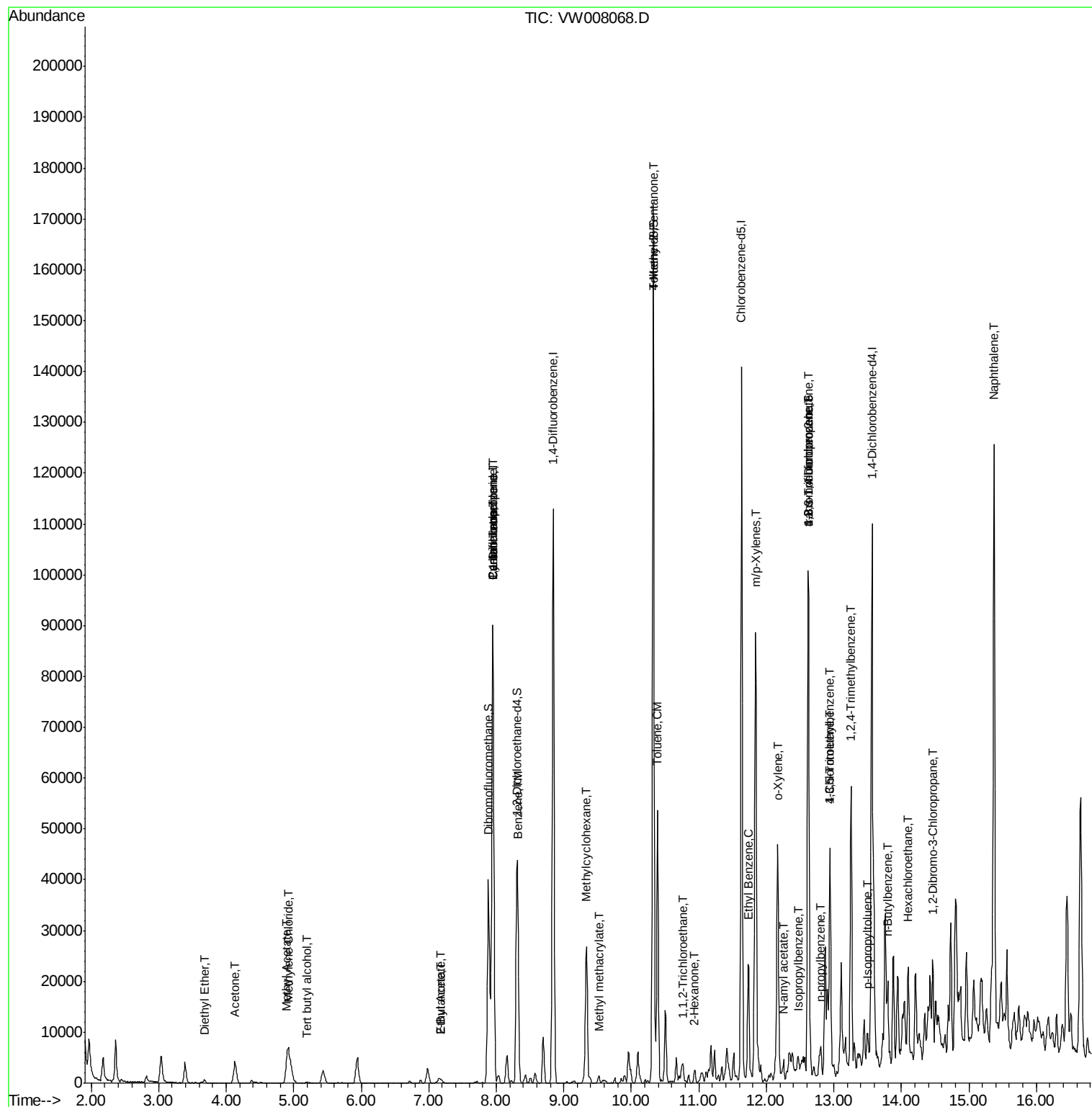
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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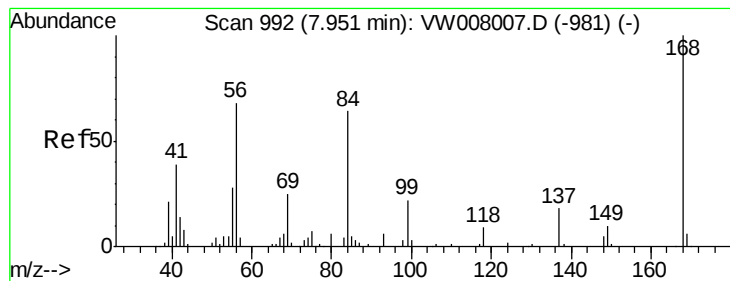
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

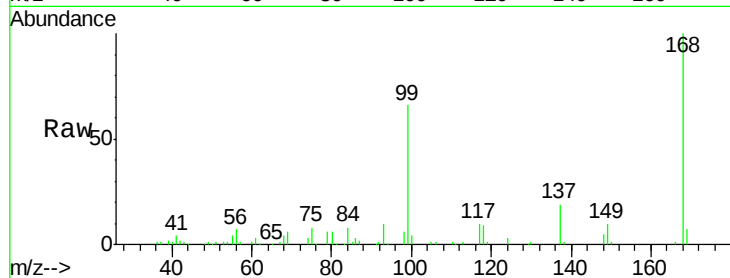
EO-02-010419-B

Tot Ion:168 Resp: 58678

Ion Ratio Lower Upper

168 100

99 65.7 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

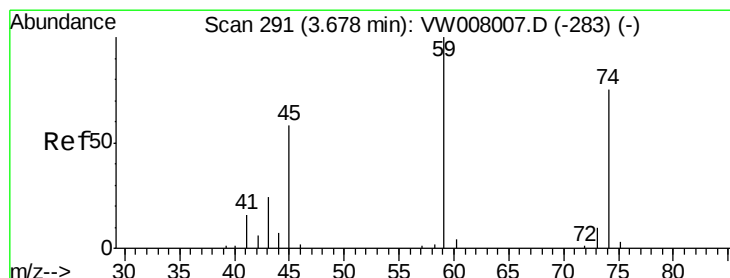
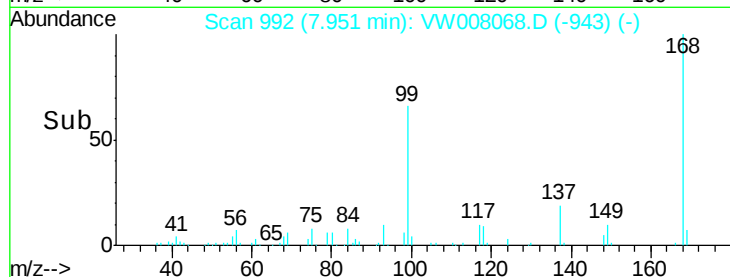
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.421 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW008068.D

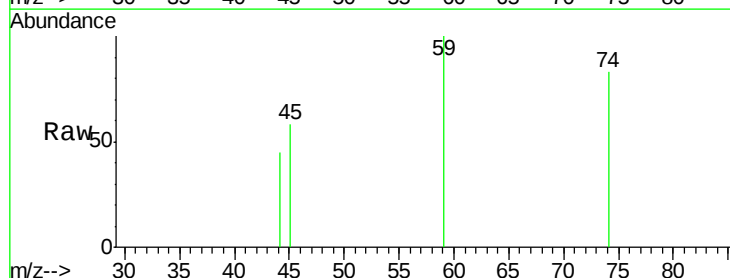
Acq: 07 Jan 2019 14:35

Tgt Ion: 74 Resp: 378

Ion Ratio Lower Upper

74 100

45 86.5 41.4 124.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

200

150

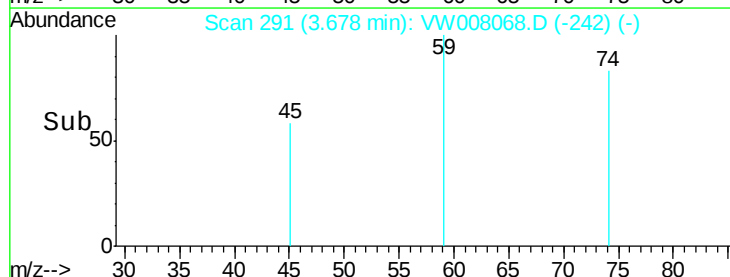
100

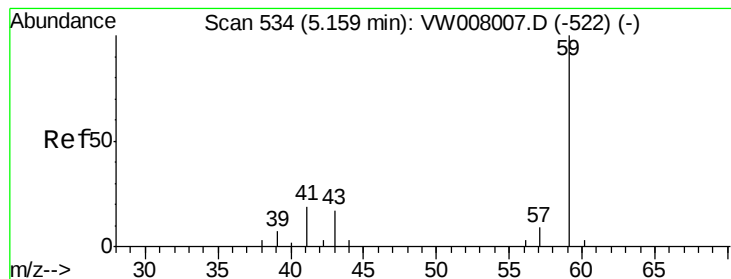
50

0

3.65 3.70

Time-->



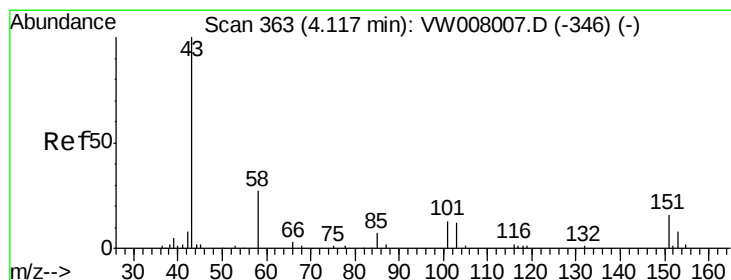
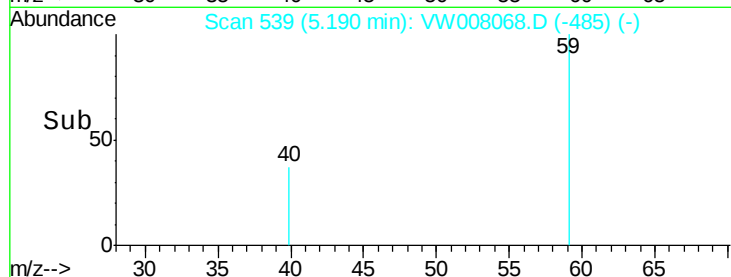
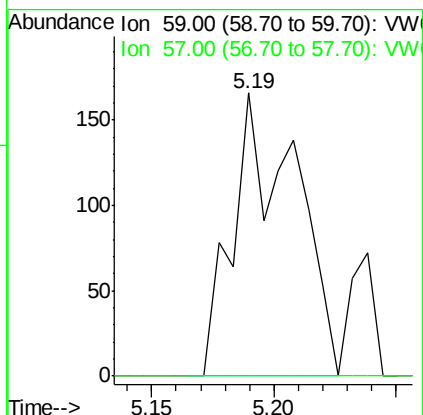
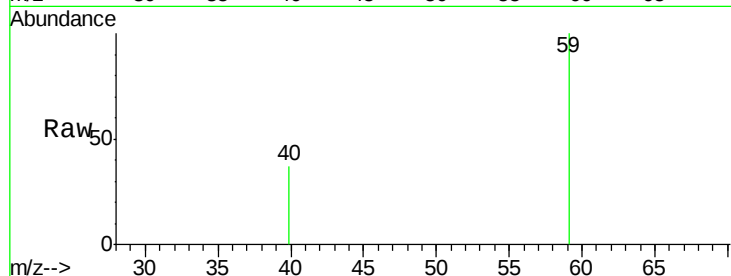


#11

Tert butyl alcohol
 Concen: 7.020 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.03 min
 Lab File: VW008068.D
 Acq: 07 Jan 2019 14:35

Instrument :
 MSVOA_W
 ClientSampled :
 EO-02-010419-B

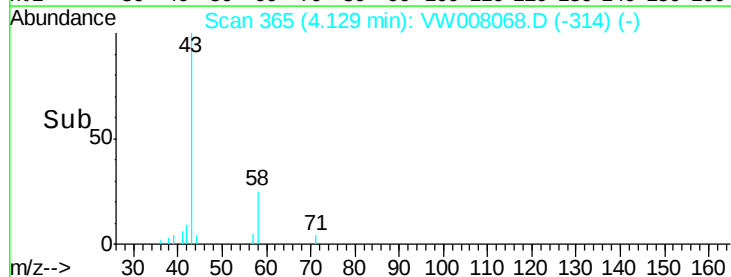
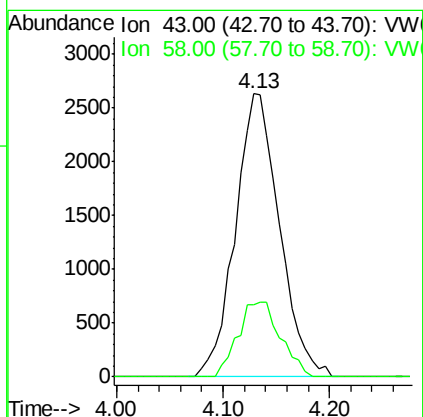
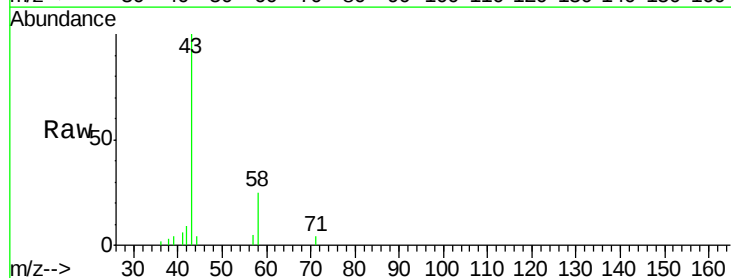
Tot Ion: 59 Resp: 296
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

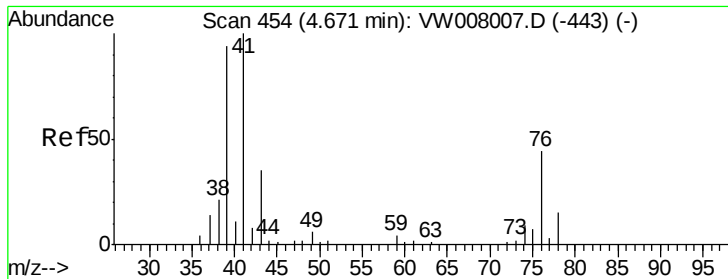


#16

Acetone
 Concen: 75.987 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW008068.D
 Acq: 07 Jan 2019 14:35

Tgt Ion: 43 Resp: 7634
 Ion Ratio Lower Upper
 43 100
 58 25.5 21.7 32.5

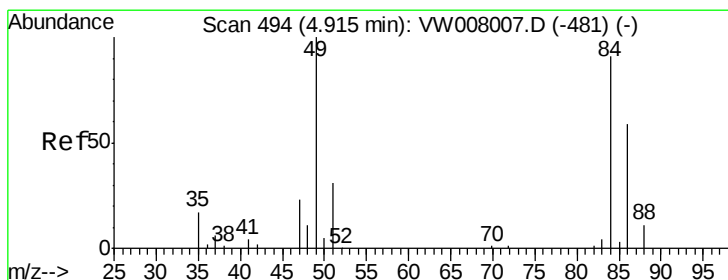
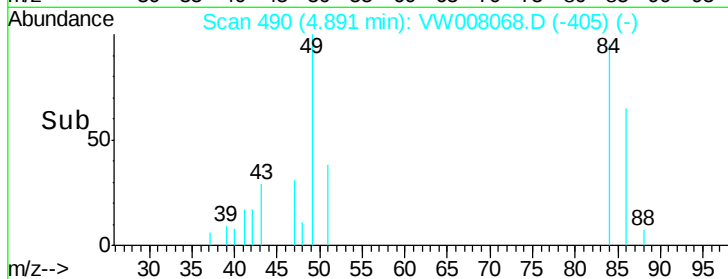
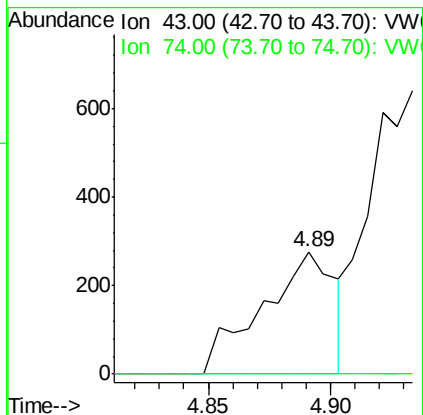
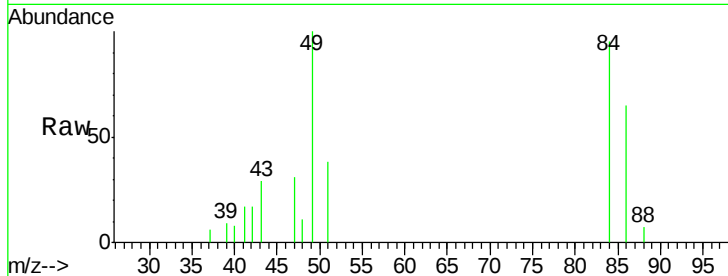




#18
Methyl Acetate
Concen: 2.203 ug/l
RT: 4.89 min Scan# 490
Delta R.T. 0.22 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

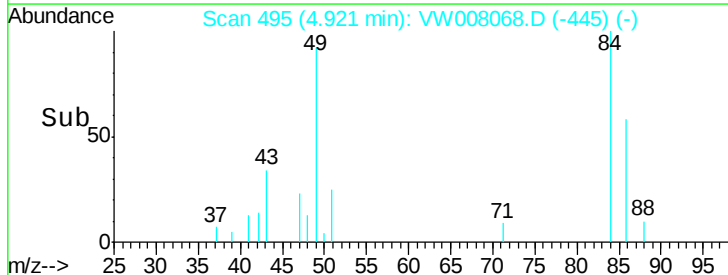
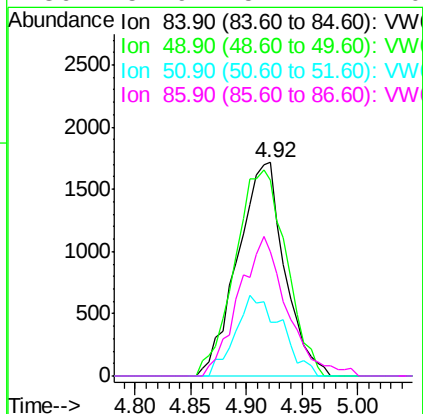
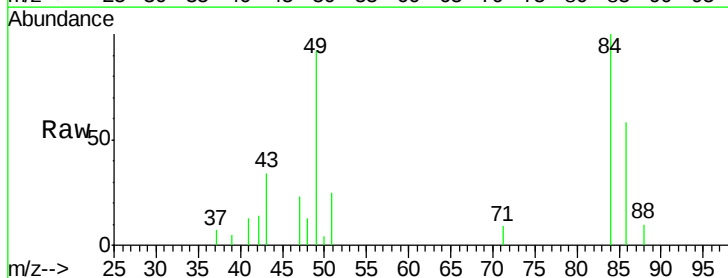
Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-B

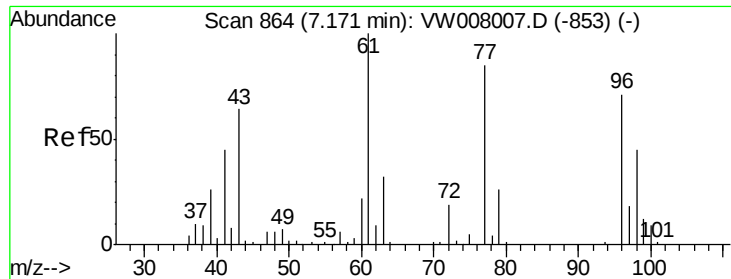
Tot Ion: 43 Resp: 574
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#



#20
Methylene Chloride
Concen: 6.049 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

Tgt Ion: 84 Resp: 5042
Ion Ratio Lower Upper
84 100
49 91.7 87.7 131.5
51 25.2 27.3 40.9#
86 57.9 51.4 77.0





#25

2-Butanone

Concen: 9.758 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

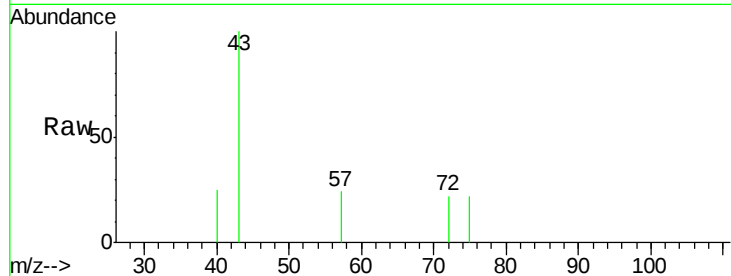
EO-02-010419-B

Tot Ion: 43 Resp: 1155

Ion Ratio Lower Upper

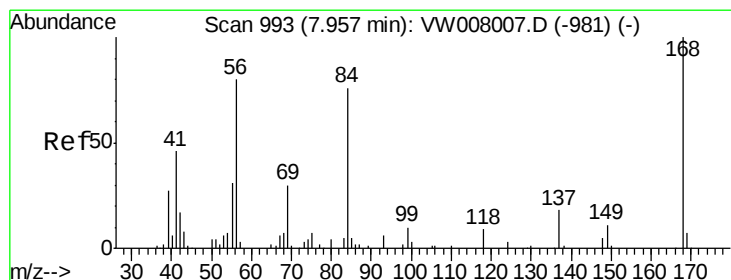
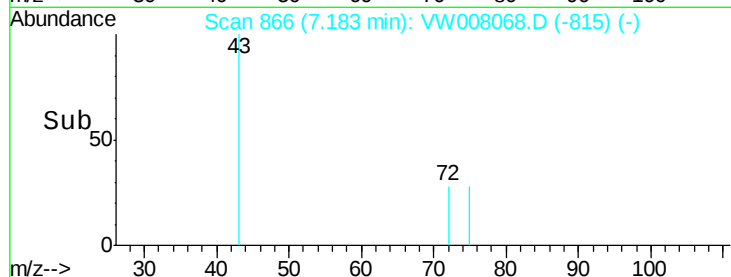
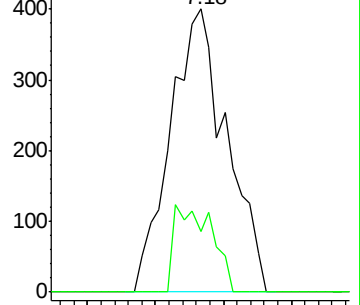
43 100

72 21.5 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 5.876 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

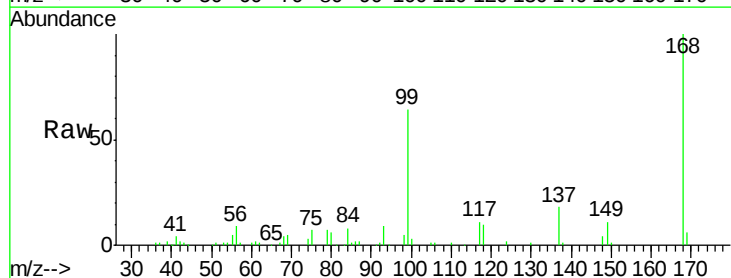
Tgt Ion: 56 Resp: 5829

Ion Ratio Lower Upper

56 100

69 60.7 29.8 44.6#

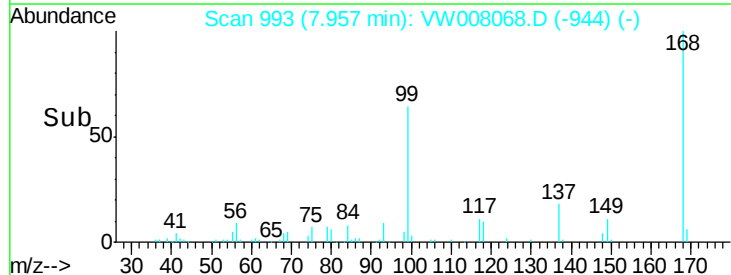
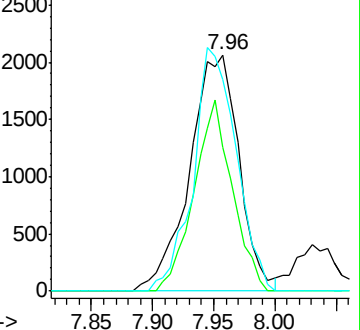
84 89.3 75.2 112.8

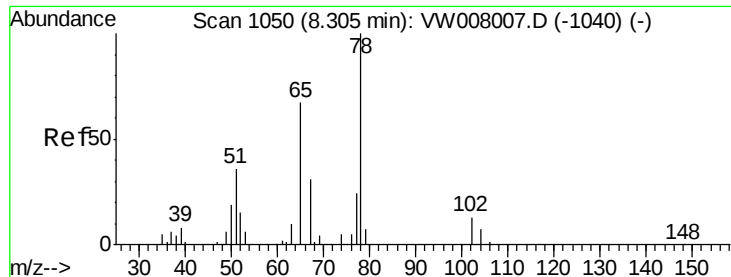


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 52.233 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

Instrument :

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ClientSampleId :

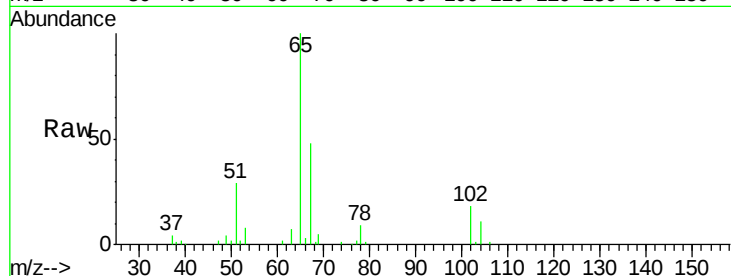
EO-02-010419-B

Tot Ion: 65 Resp: 33900

Ion Ratio Lower Upper

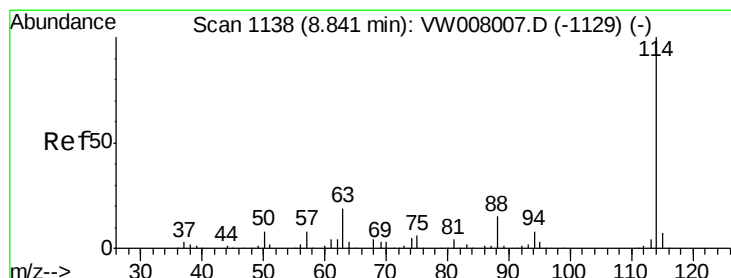
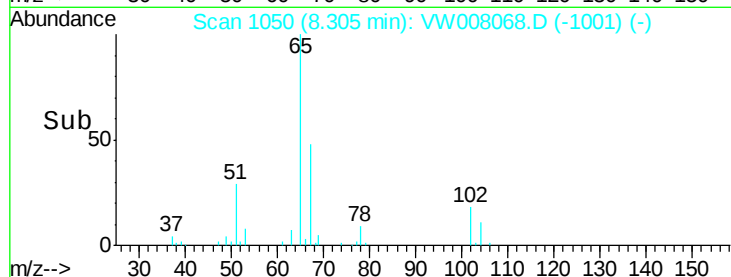
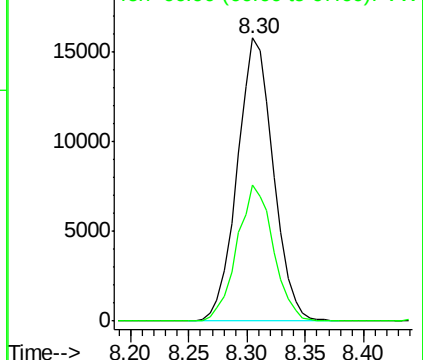
65 100

67 48.6 0.0 94.8



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: VW008068.D

Acq: 07 Jan 2019 14:35

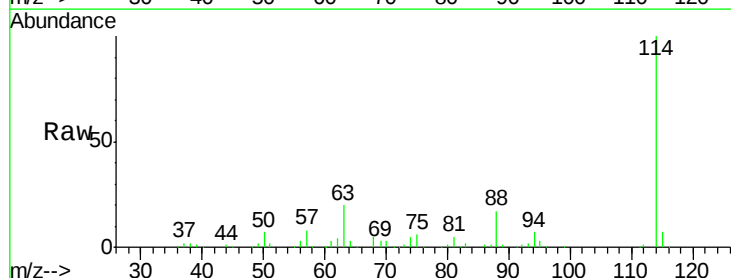
Tgt Ion: 114 Resp: 95405

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.8

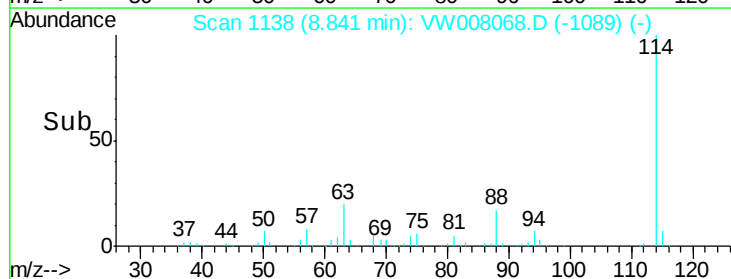
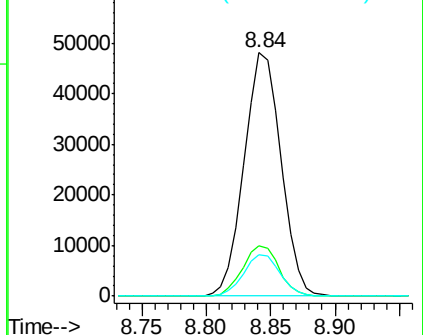
88 17.2 0.0 31.0

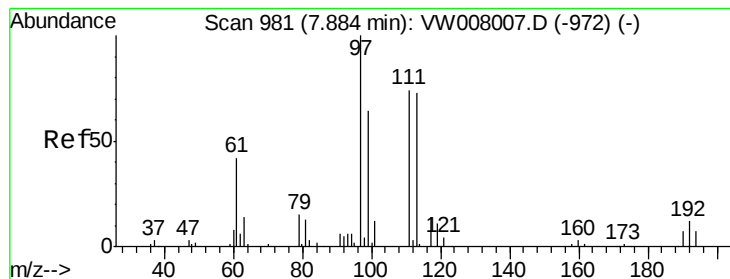


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 48.096 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

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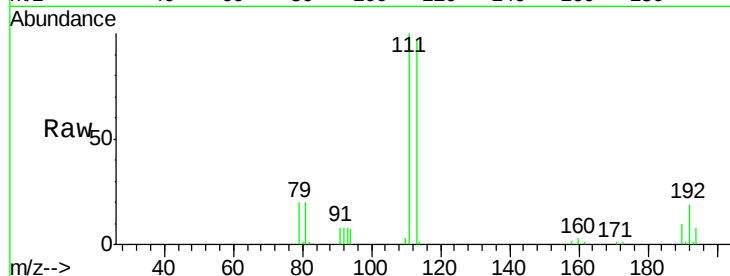
Tot Ion:113 Resp: 28927

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

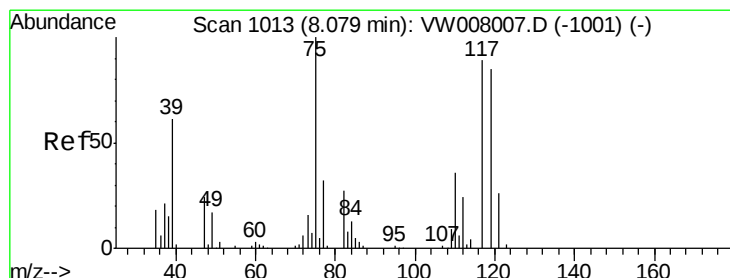
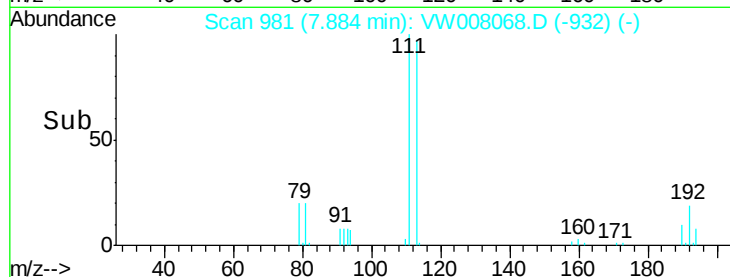
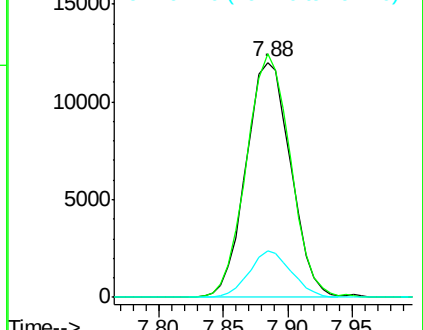
192 18.6 14.8 22.2



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: 4.925 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

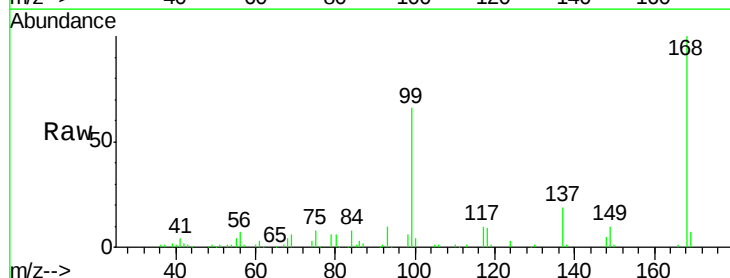
Tgt Ion: 75 Resp: 4635

Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.3#

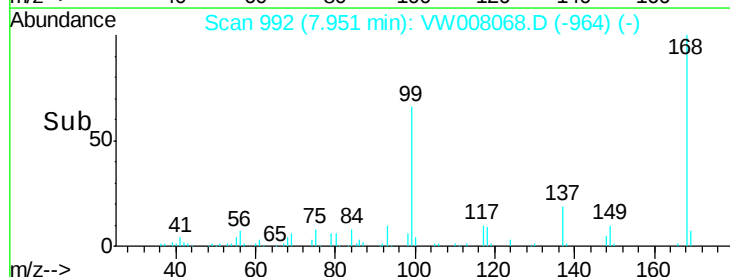
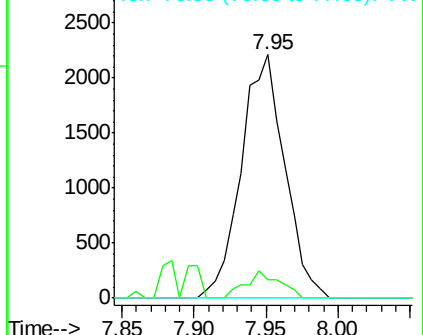
77 0.0 25.3 37.9#

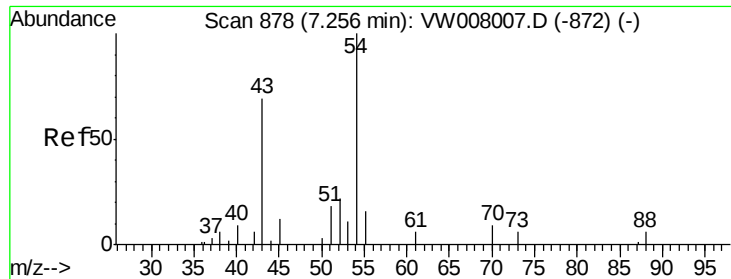


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

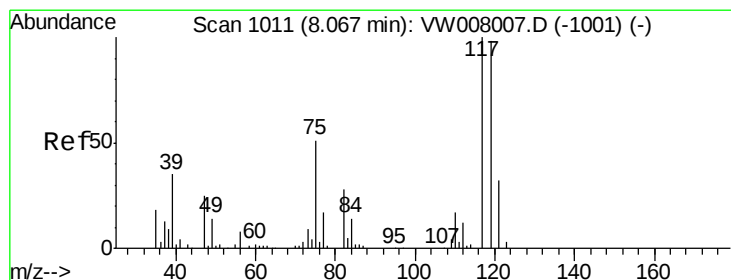
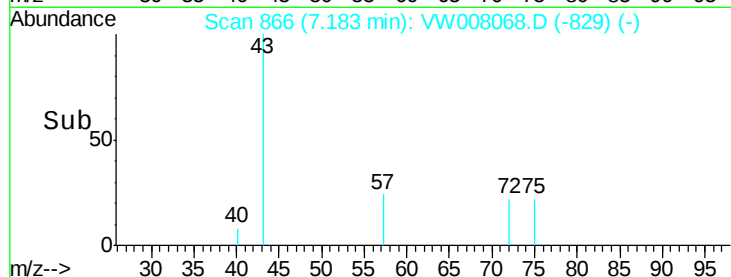
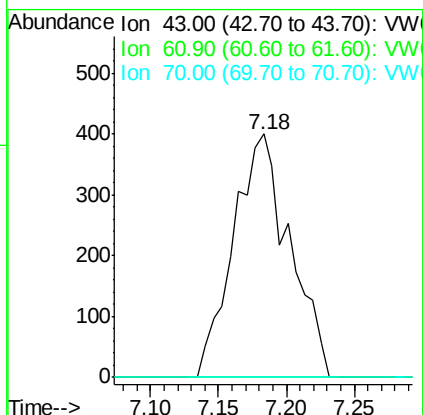
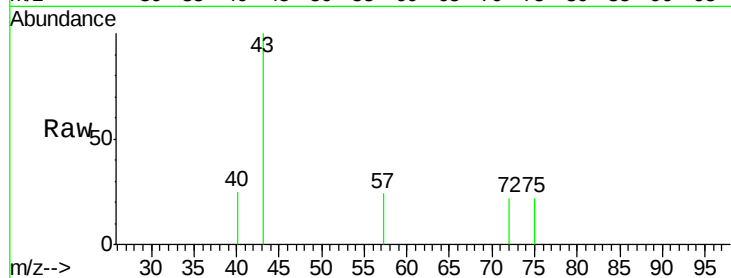




#37
Ethyl Acetate
Concen: 4.086 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.07 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

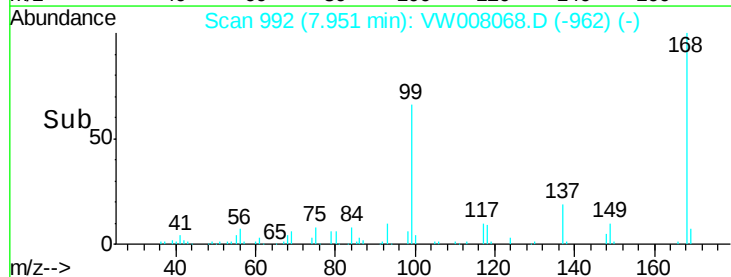
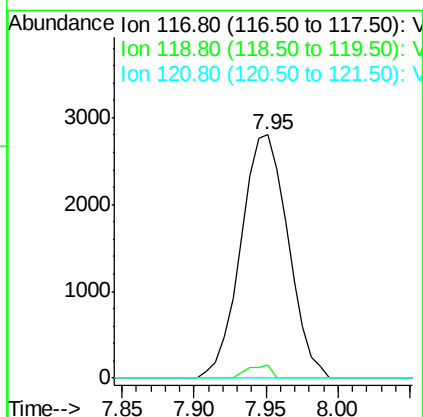
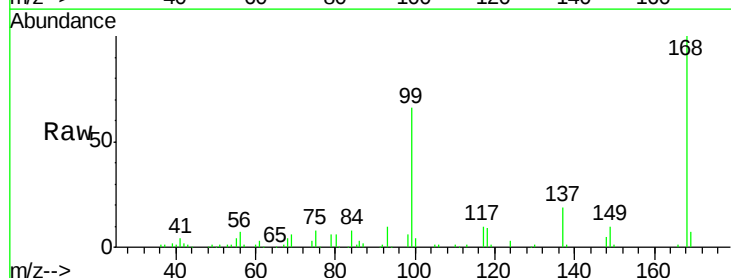
Instrument :
MSVOA_W
ClientSampleID :
EO-02-010419-B

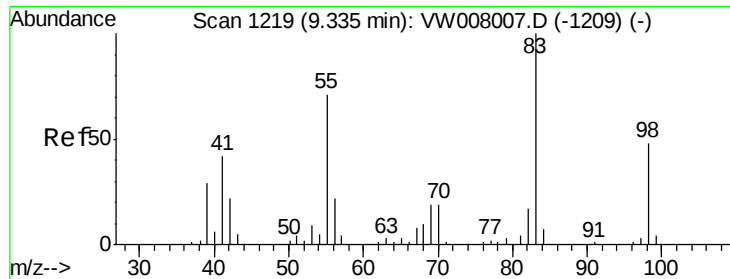
Tot Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 5.646 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

Tgt Ion: 117 Resp: 6368
Ion Ratio Lower Upper
117 100
119 5.2 78.7 118.1#
121 0.0 25.8 38.8#

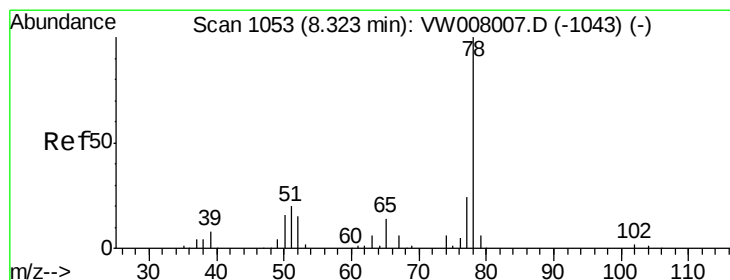
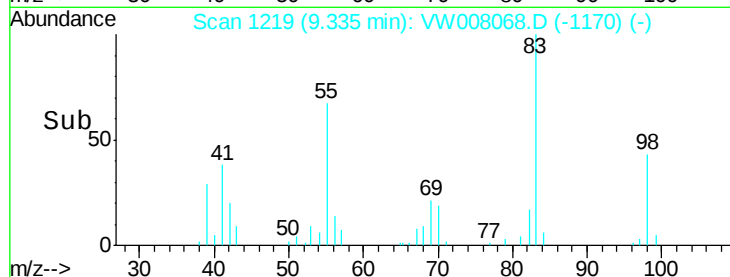
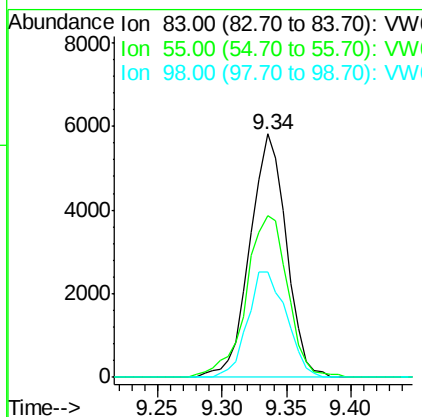
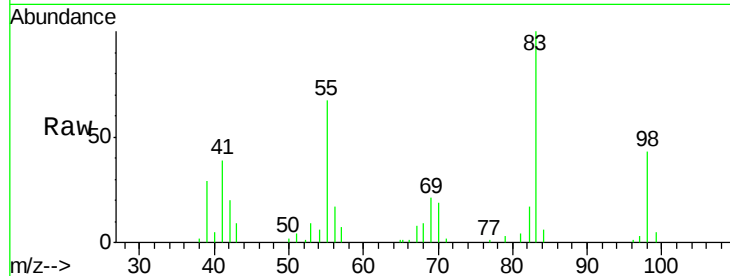




#39
Methvlcvclohexane
Concen: 9.715 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

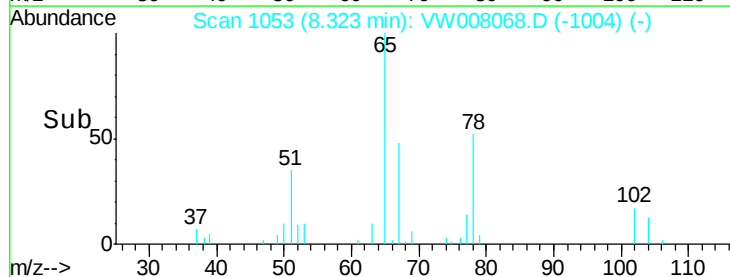
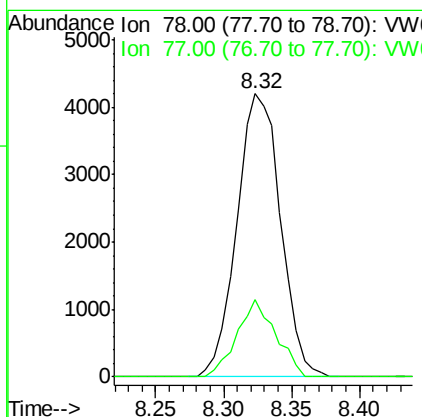
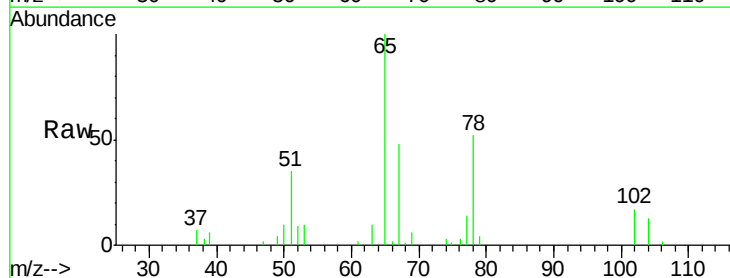
Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-B

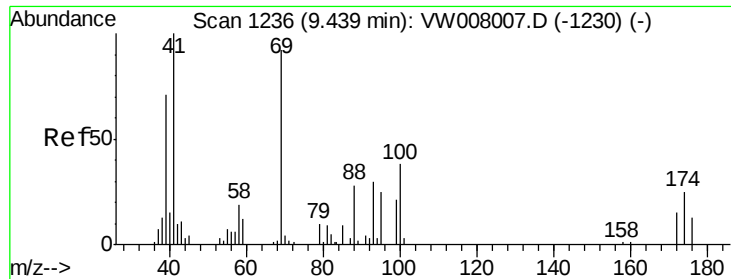
Tot Ion: 83 Resp: 11397
Ion Ratio Lower Upper
83 100
55 66.5 56.8 85.2
98 43.2 38.6 58.0



#40
Benzene
Concen: 3.795 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

Tgt Ion: 78 Resp: 9422
Ion Ratio Lower Upper
78 100
77 27.3 19.0 28.6

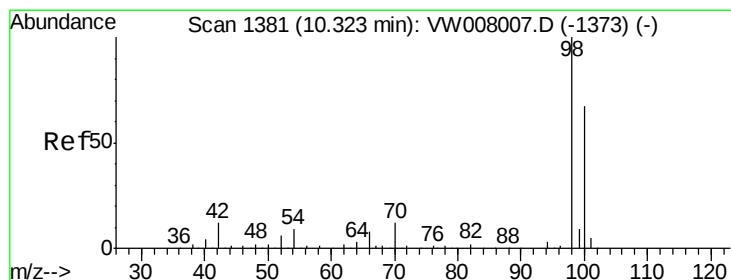
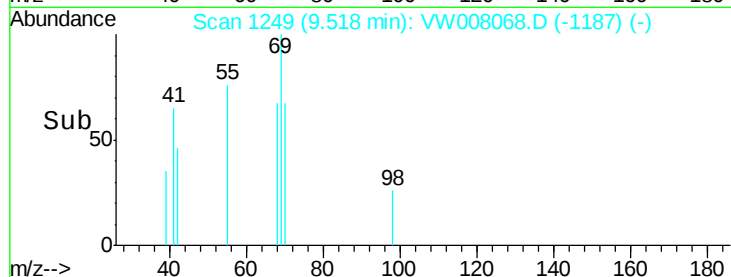
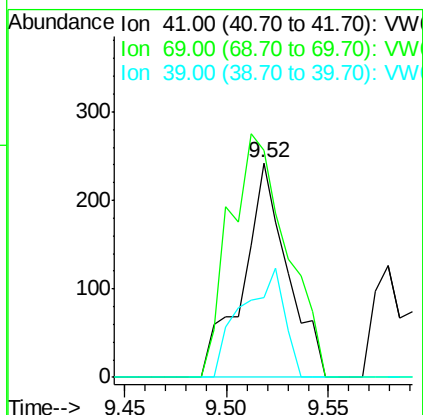
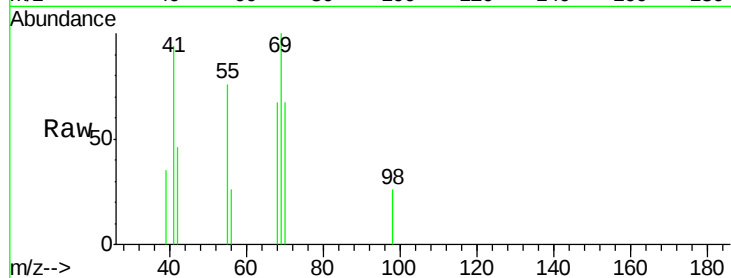




#48
Methvl methacrylate
Concen: 1.296 ug/l
RT: 9.52 min Scan# 1249
Delta R.T. 0.08 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

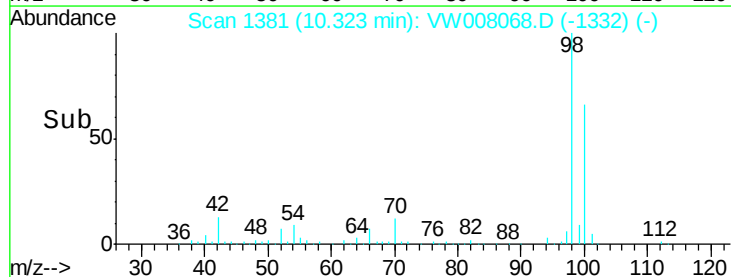
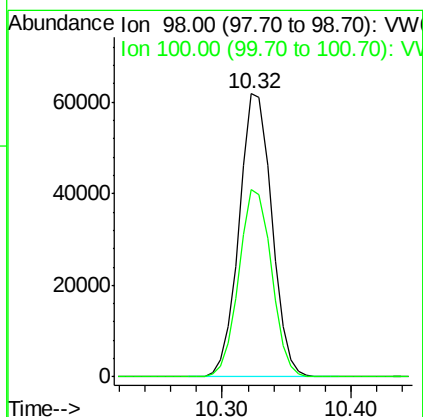
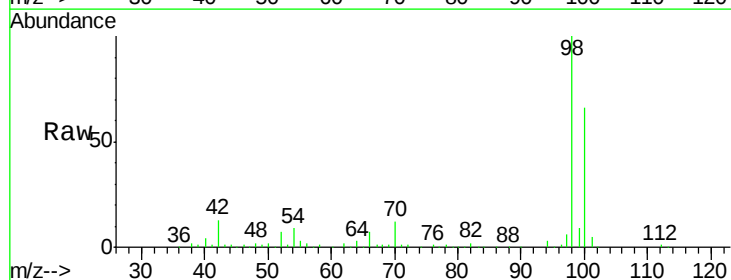
Instrument :
MSVOA_W
ClientSampled :
EO-02-010419-B

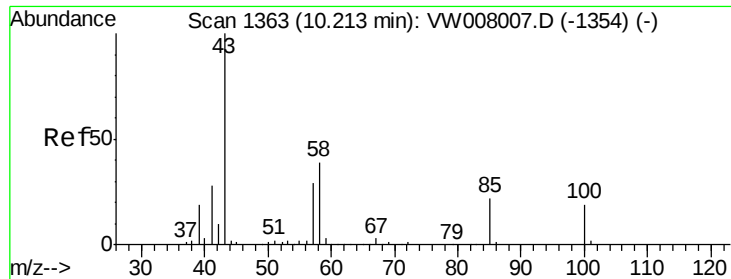
Tot Ion: 41 Resp: 369
Ion Ratio Lower Upper
41 100
69 145.0 72.3 108.5#
39 48.5 58.7 88.1#



#50
Toluene-d8
Concen: 48.182 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

Tgt Ion: 98 Resp: 108706
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 2.968 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

Instrument :

MSVOA_W

ClientSampled :

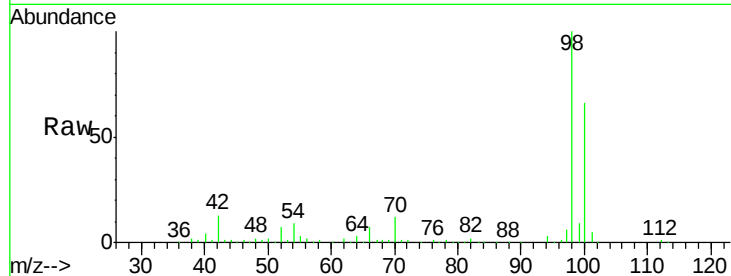
EO-02-010419-B

Tot Ion: 43 Resp: 776

Ion Ratio Lower Upper

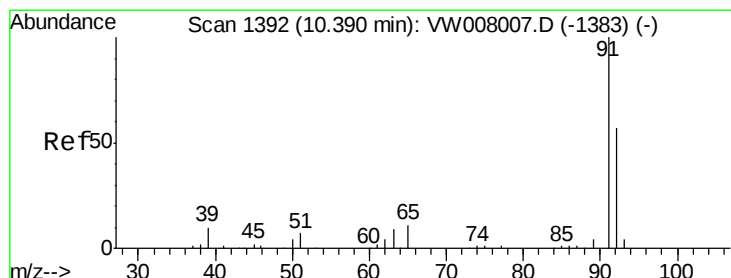
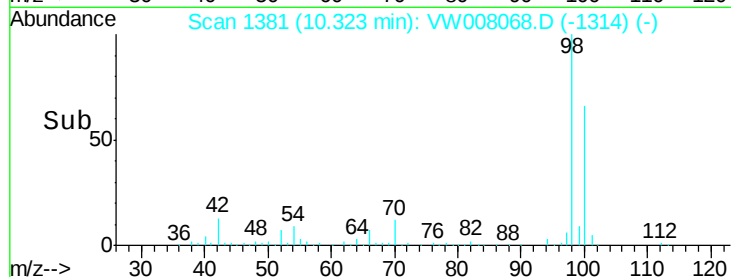
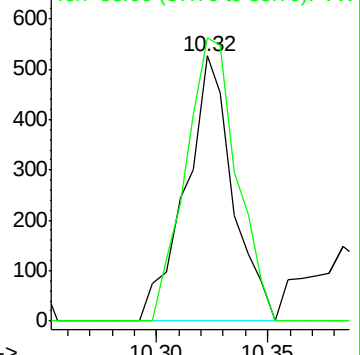
43 100

58 116.2 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 13.810 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008068.D

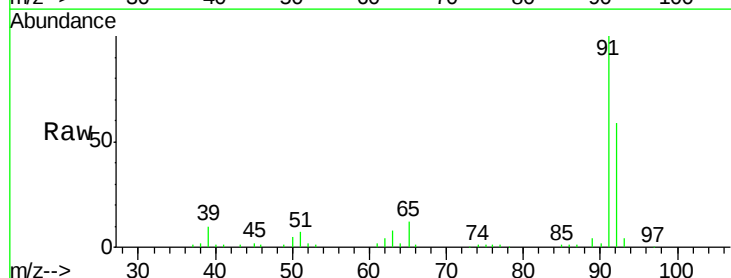
Acq: 07 Jan 2019 14:35

Tgt Ion: 92 Resp: 22635

Ion Ratio Lower Upper

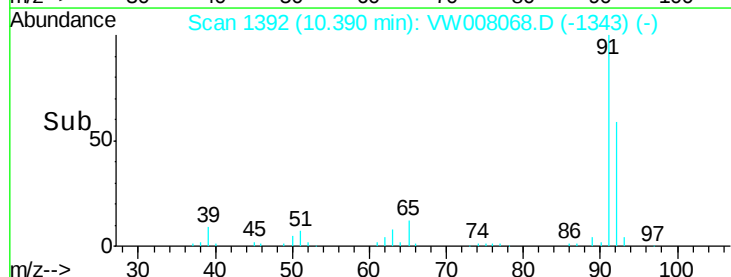
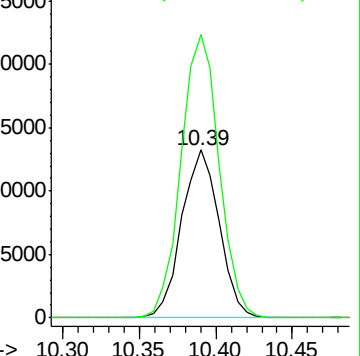
92 100

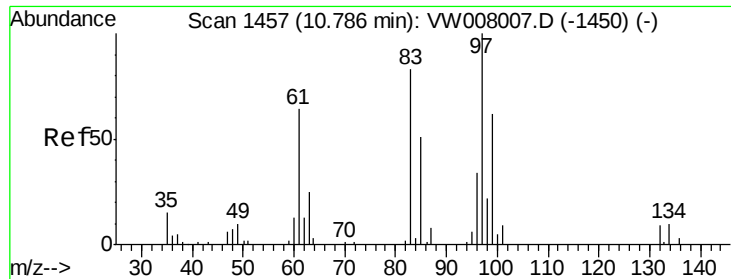
91 171.2 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

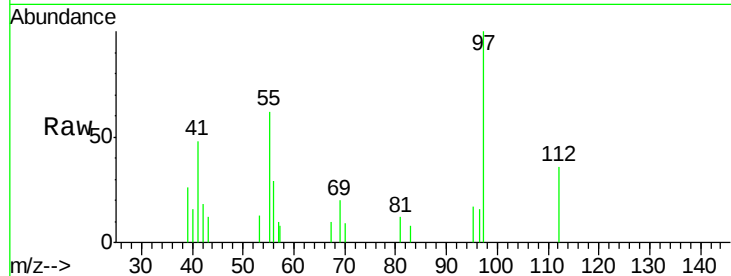




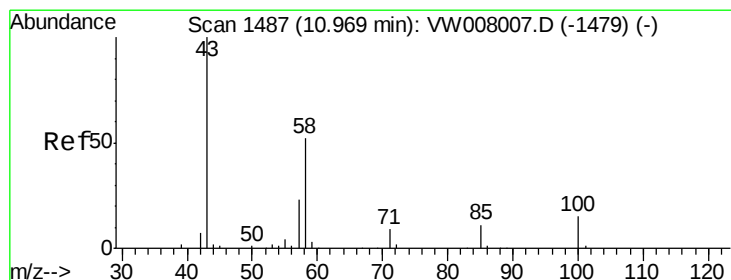
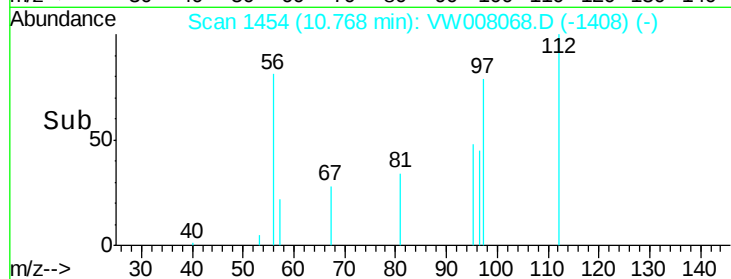
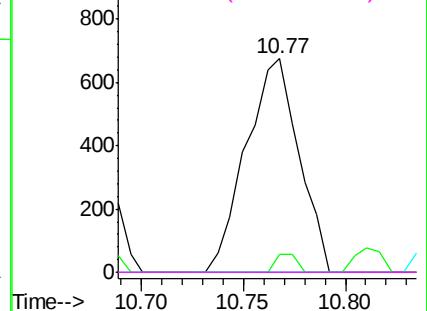
#55
 1,1,2-Trichloroethane
 Concen: 2.858 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW008068.D
 Acq: 07 Jan 2019 14:35

Instrument :
 MSVOA_W
 ClientSampleID :
 EO-02-010419-B

Tot Ion: 97 Resp: 1216
 Ion Ratio Lower Upper
 97 100
 83 8.4 66.2 99.2#
 85 0.0 41.0 61.4#
 99 0.0 49.3 73.9#

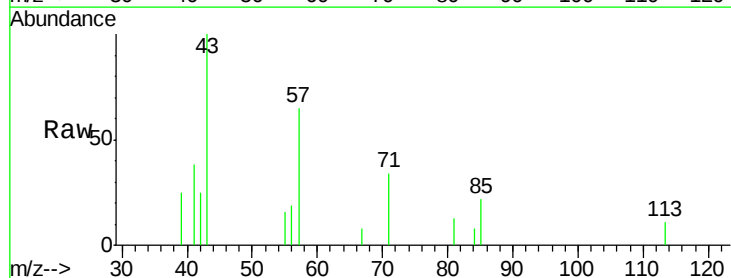


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

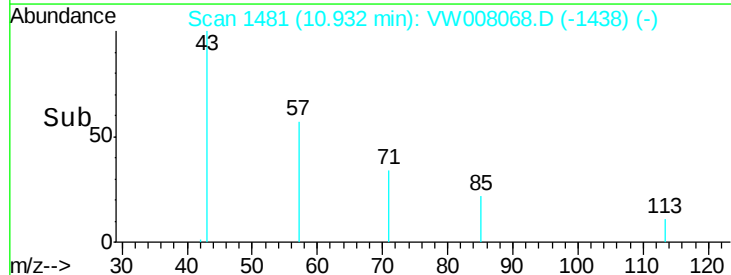
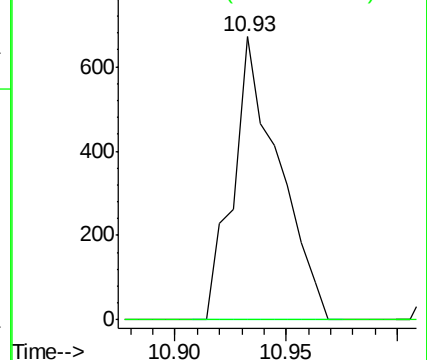


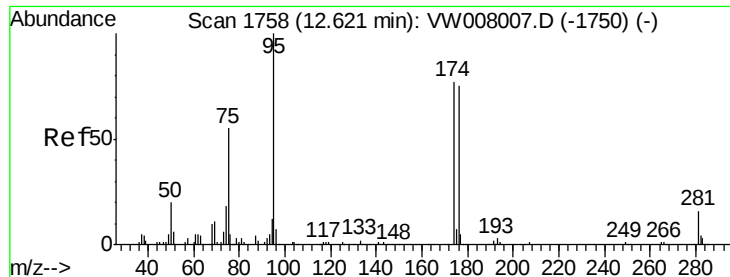
#59
 2-Hexanone
 Concen: 5.341 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.04 min
 Lab File: VW008068.D
 Acq: 07 Jan 2019 14:35

Tgt Ion: 43 Resp: 964
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.1 81.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 38.855 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

EO-02-010419-B

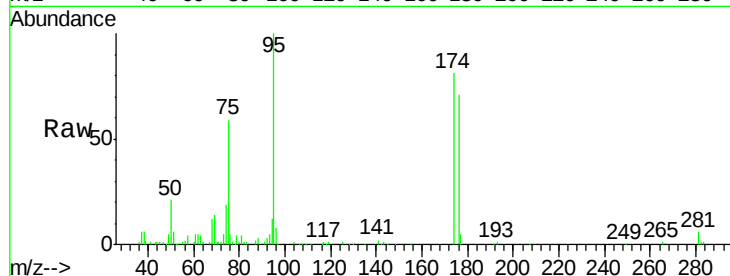
Tot Ion: 95 Resp: 33619

Ion Ratio Lower Upper

95 100

174 75.1 0.0 149.6

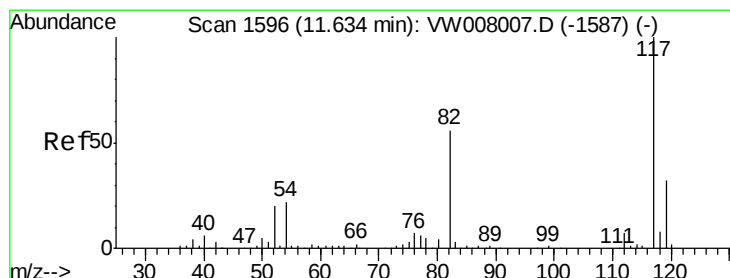
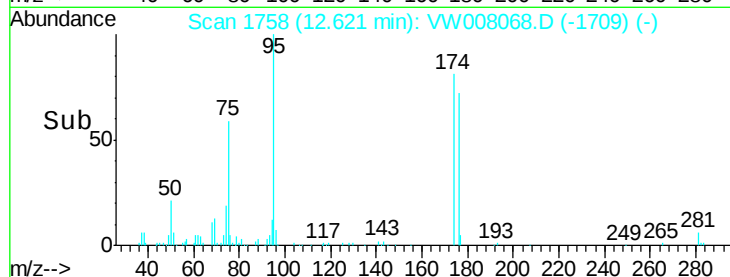
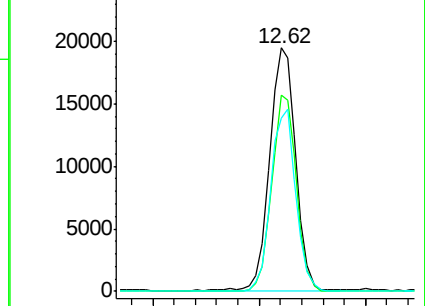
176 71.0 0.0 145.4



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# 1596

Delta R.T. -0.00 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

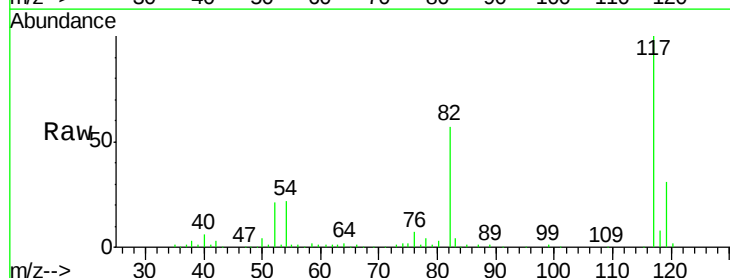
Tgt Ion: 117 Resp: 73743

Ion Ratio Lower Upper

117 100

82 56.8 44.8 67.2

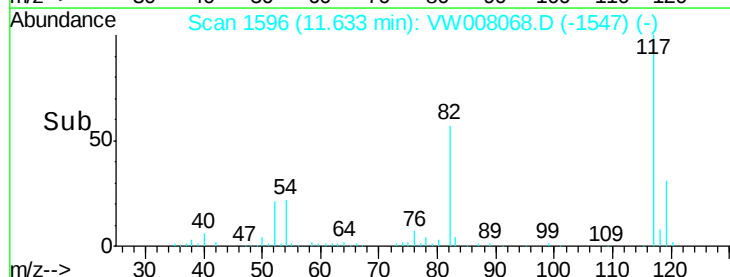
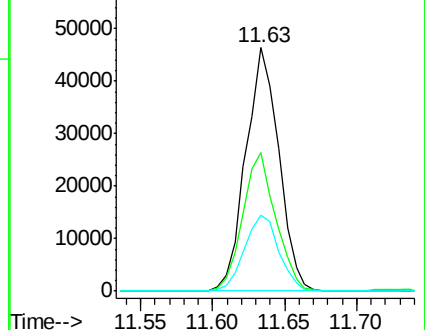
119 31.1 25.6 38.4

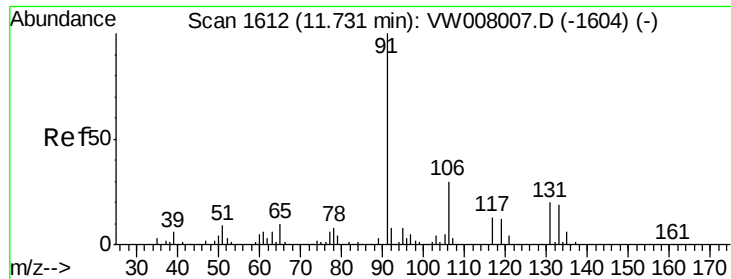


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

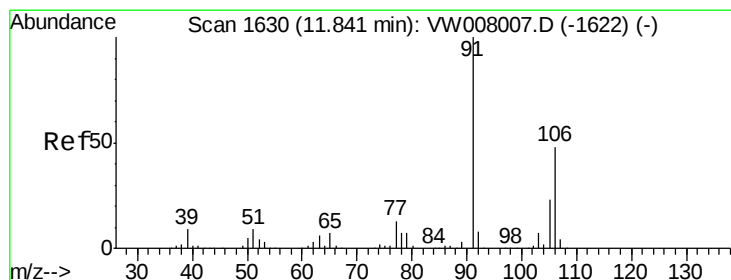
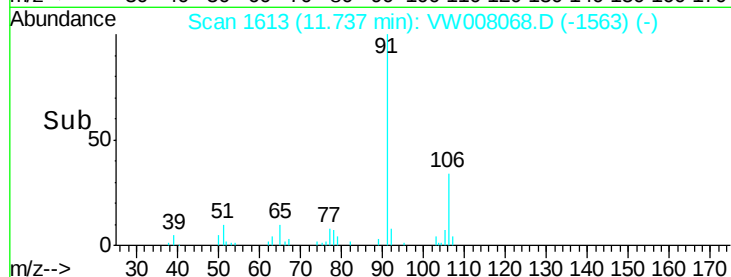
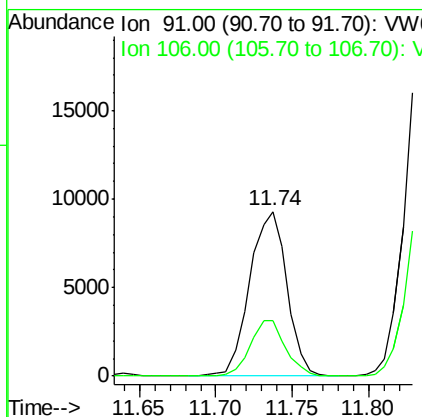
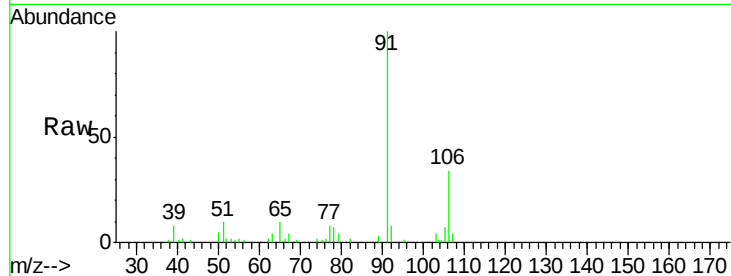




#67
Ethyl Benzene
Concen: 5.622 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

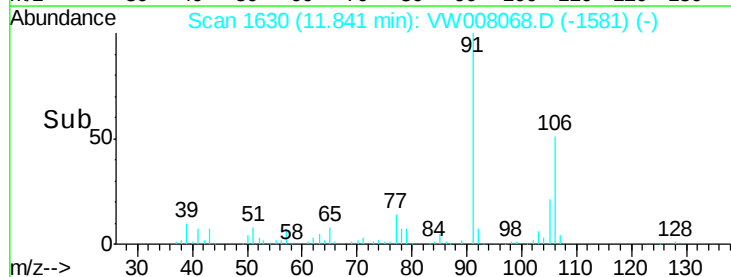
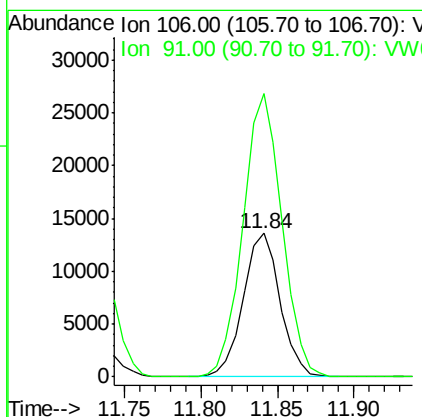
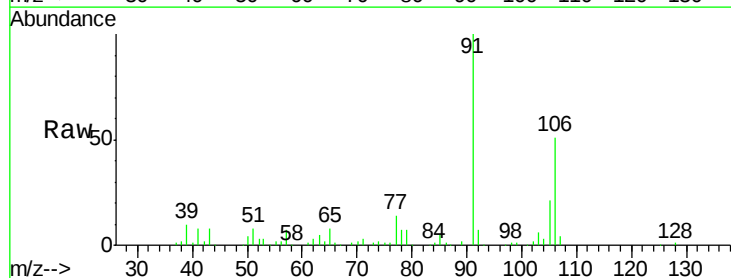
Instrument :
MSVOA_W
ClientSampled :
EO-02-010419-B

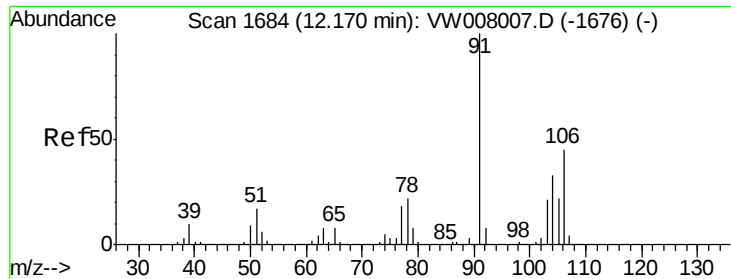
Tot Ion: 91 Resp: 15728
Ion Ratio Lower Upper
91 100
106 34.1 24.3 36.5



#68
m/p-Xylenes
Concen: 21.165 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

Tgt Ion: 106 Resp: 22890
Ion Ratio Lower Upper
106 100
91 207.3 165.8 248.8

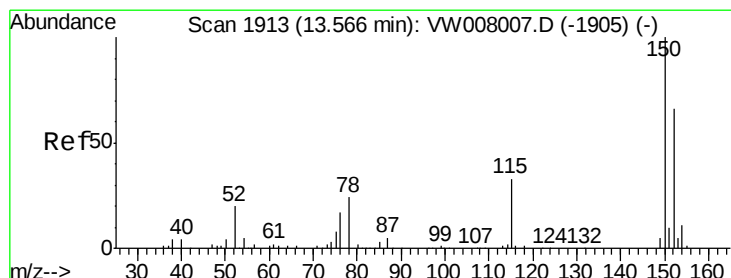
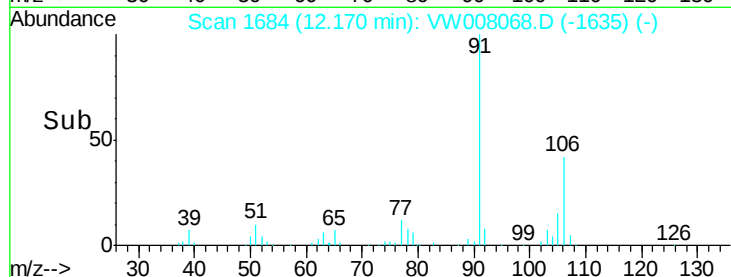
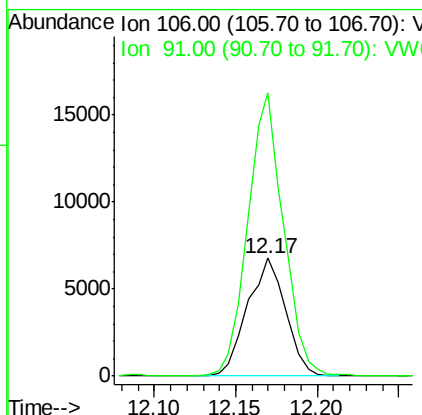
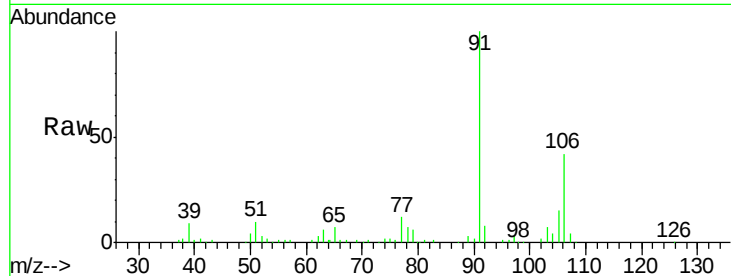




#69
o-Xylene
Concen: 10.927 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

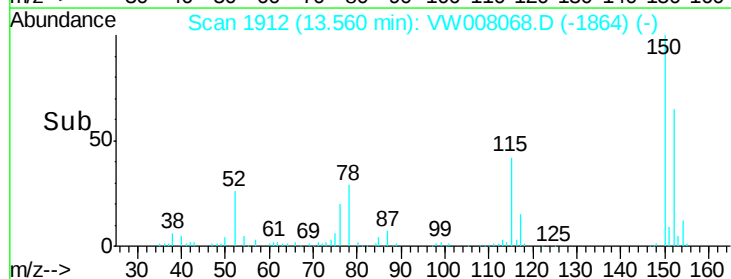
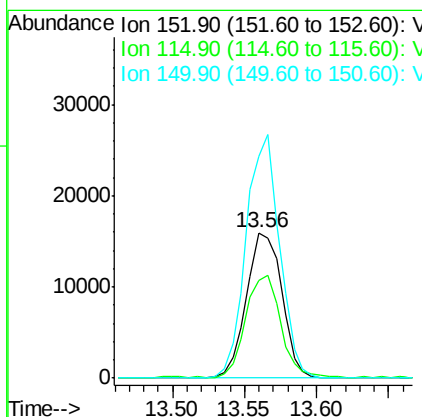
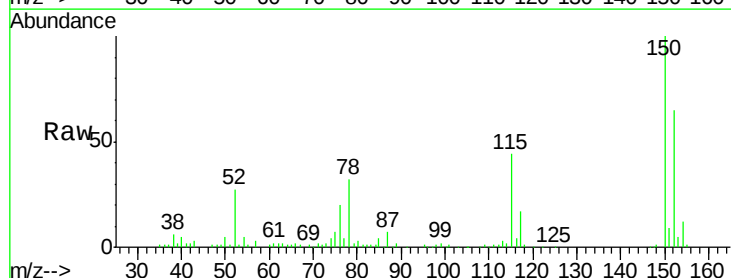
Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-B

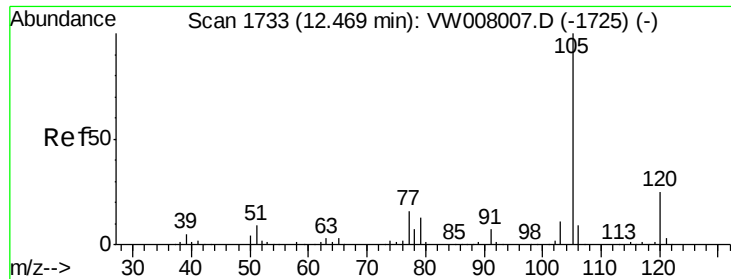
Tot Ion:106 Resp: 10996
Ion Ratio Lower Upper
106 100
91 224.6 110.6 331.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

Tgt Ion:152 Resp: 27134
Ion Ratio Lower Upper
152 100
115 68.4 32.1 96.5
150 157.4 0.0 345.0





#73

Isopropylbenzene

Concen: 1.156 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

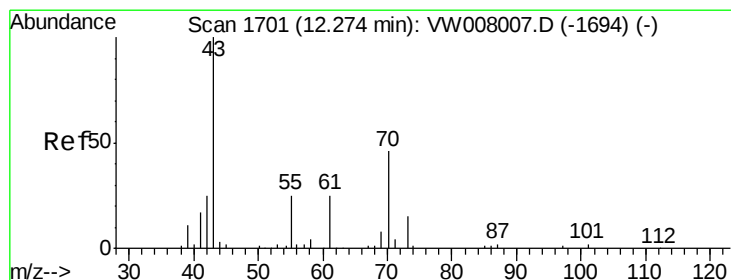
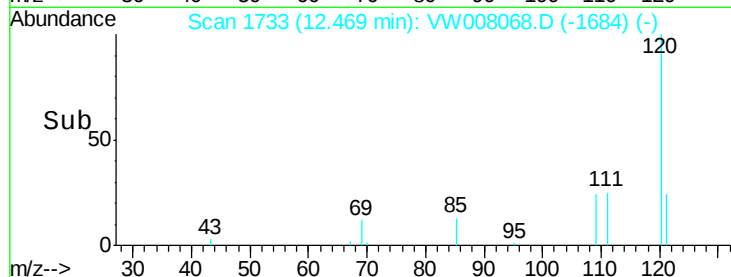
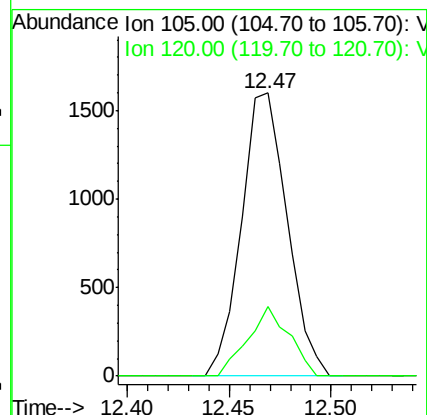
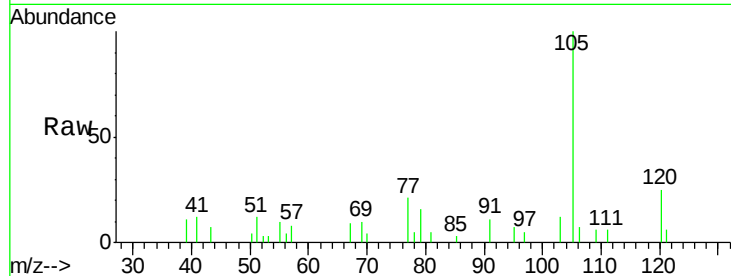
EO-02-010419-B

Tot Ion:105 Resp: 2494

Ion Ratio Lower Upper

105 100

120 22.2 12.8 38.3



#74

N-ethyl acetate

Concen: 2.477 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.01 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

Tgt Ion: 43 Resp: 832

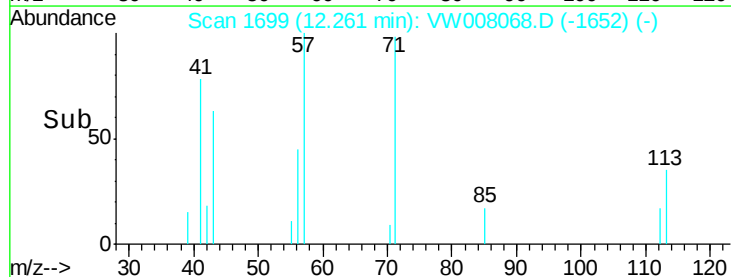
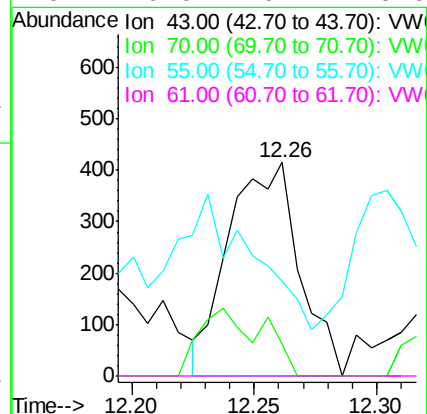
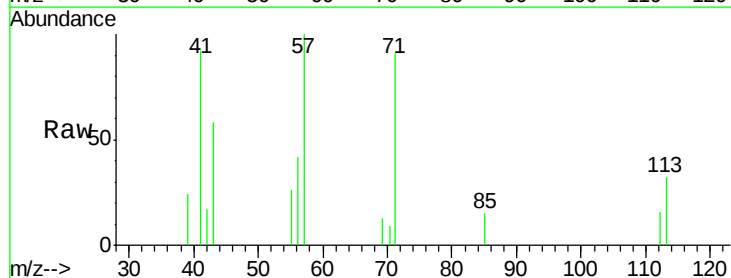
Ion Ratio Lower Upper

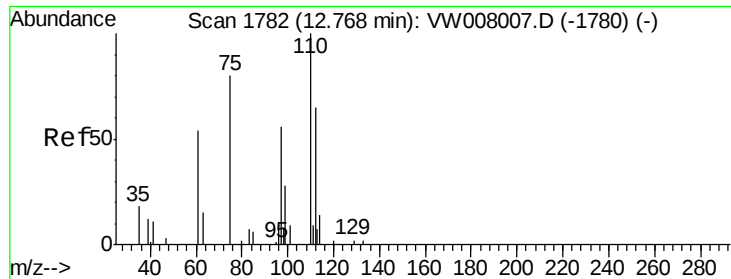
43 100

70 0.0 35.2 52.8#

55 0.0 21.4 32.0#

61 0.0 19.4 29.0#

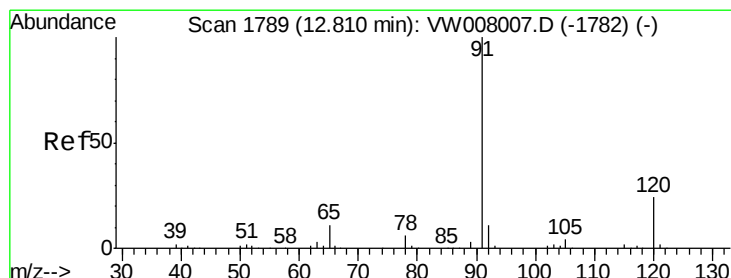
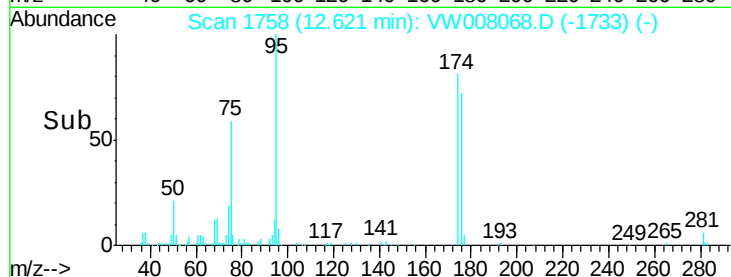
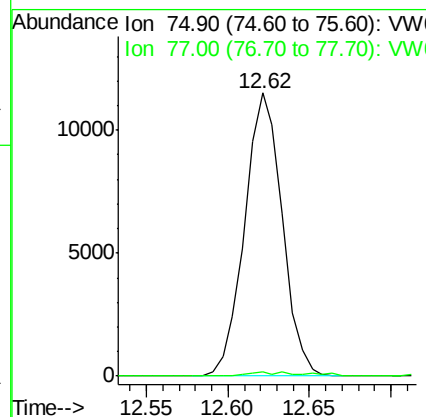
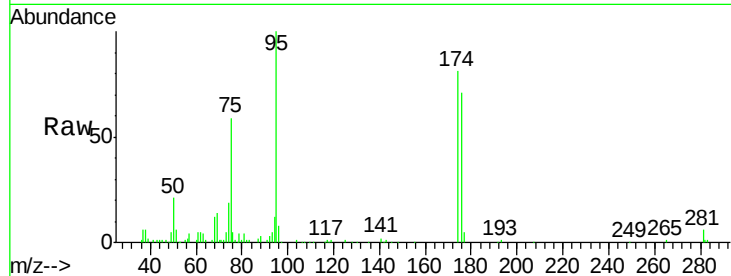




#76
 1,2,3-Trichloropropane
 Concen: 85.512 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008068.D
 Acq: 07 Jan 2019 14:35

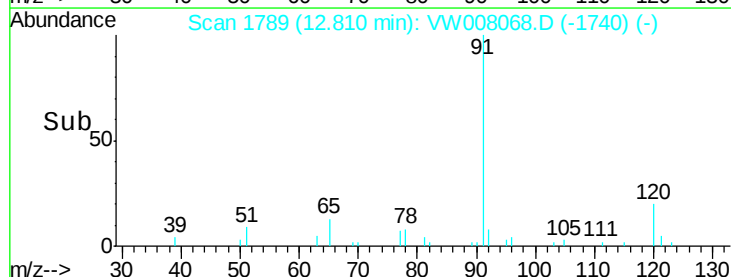
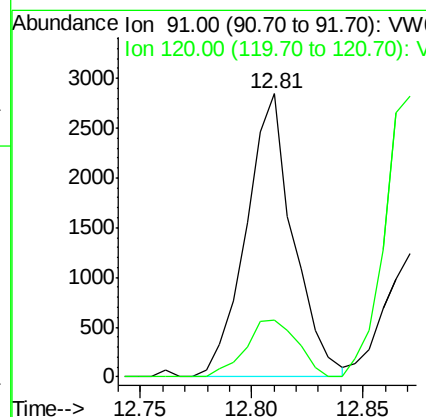
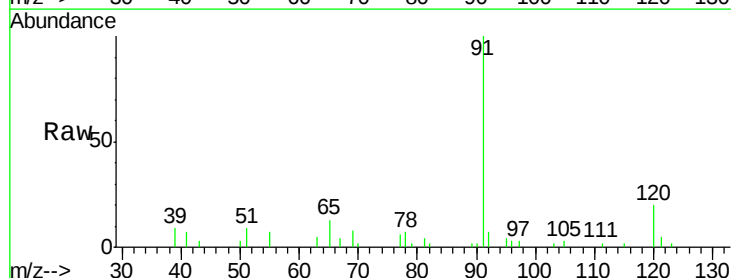
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-010419-B

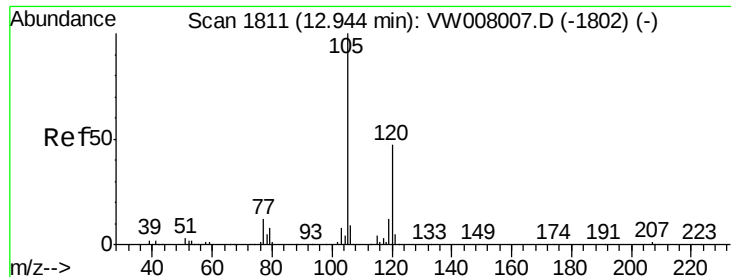
Tot Ion: 75 Resp: 18459
 Ion Ratio Lower Upper
 75 100
 77 1.5 186.2 558.6#



#78
 n-propylbenzene
 Concen: 1.679 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VW008068.D
 Acq: 07 Jan 2019 14:35

Tgt Ion: 91 Resp: 4201
 Ion Ratio Lower Upper
 91 100
 120 22.0 11.5 34.5

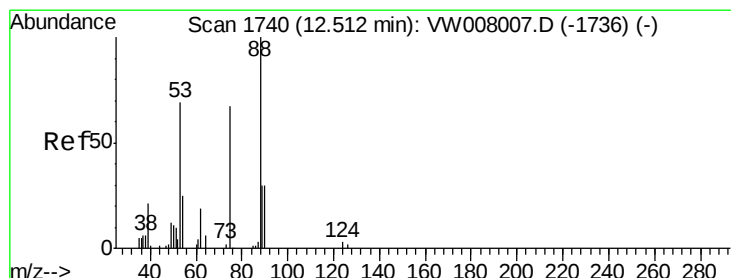
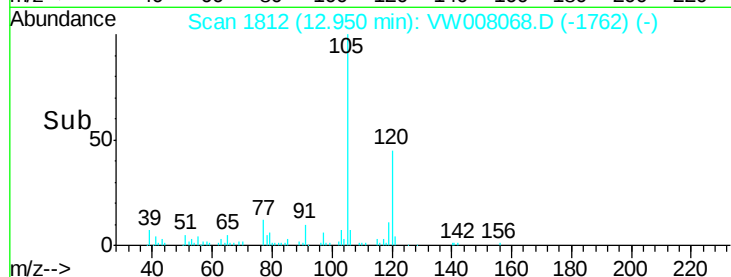
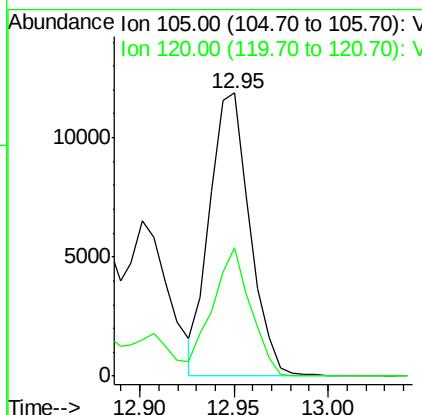
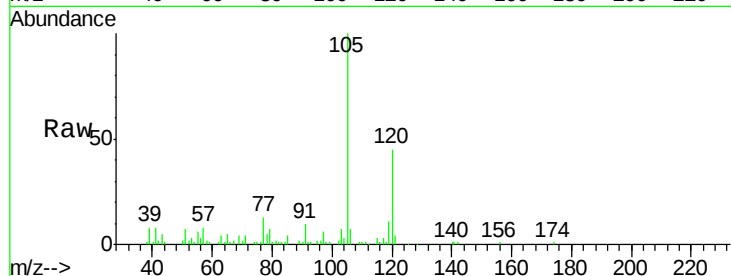




#80
 1,3,5-Trimethylbenzene
 Concen: 9.447 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008068.D
 Acq: 07 Jan 2019 14:35

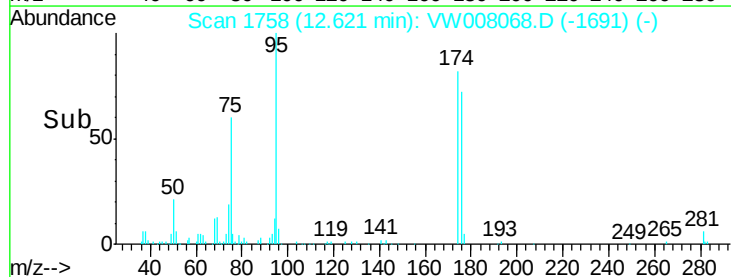
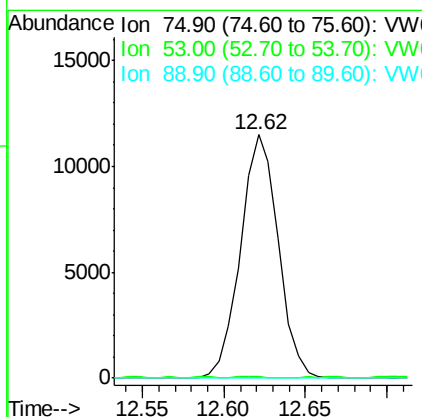
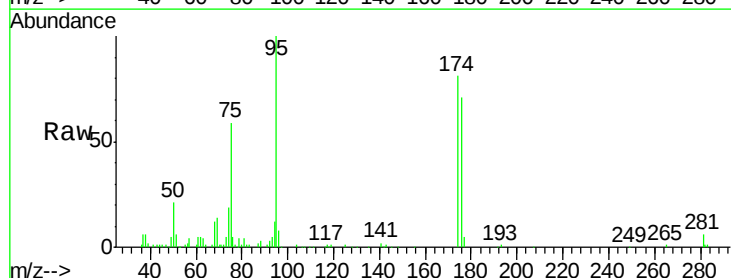
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-010419-B

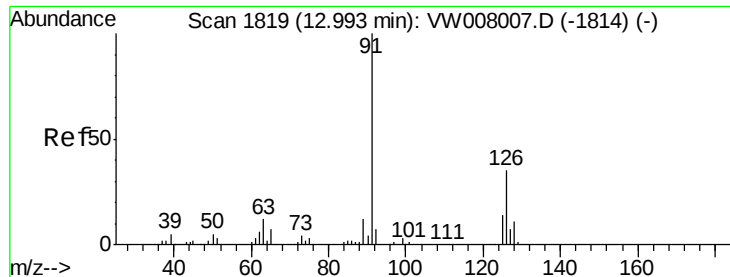
Tot Ion:105 Resp: 17546
 Ion Ratio Lower Upper
 105 100
 120 42.9 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 202.222 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008068.D
 Acq: 07 Jan 2019 14:35

Tgt Ion: 75 Resp: 18459
 Ion Ratio Lower Upper
 75 100
 53 0.4 87.6 131.4#
 89 0.0 42.2 63.2#





#82

4-Chlorotoluene

Concen: 1.296 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

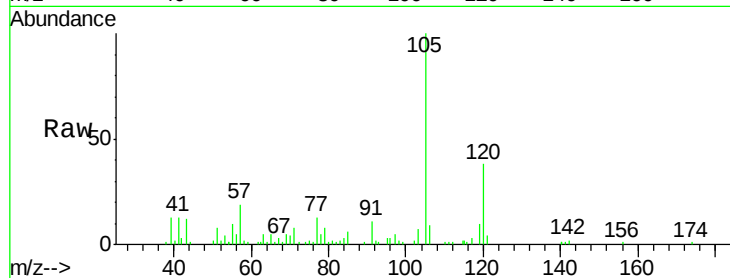
EO-02-010419-B

Tot Ion: 91 Resp: 1992

Ion Ratio Lower Upper

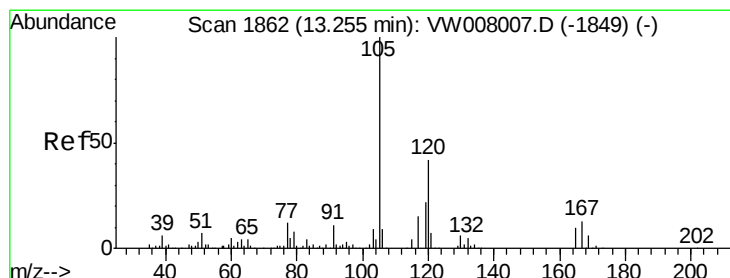
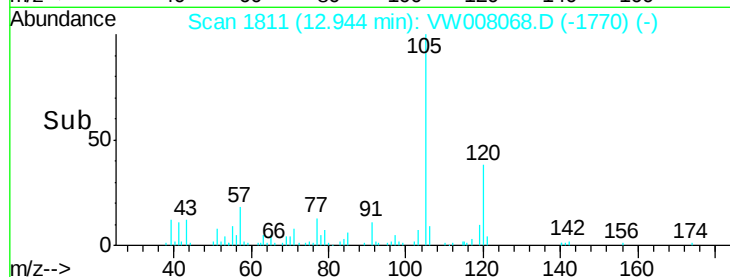
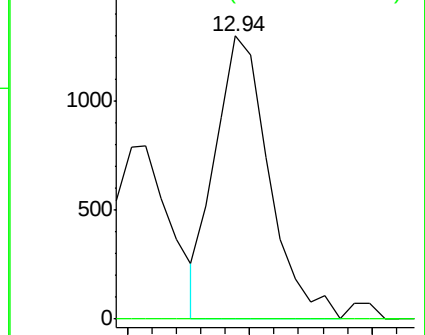
91 100

126 0.0 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#84

1,2,4-Trimethylbenzene

Concen: 16.264 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008068.D

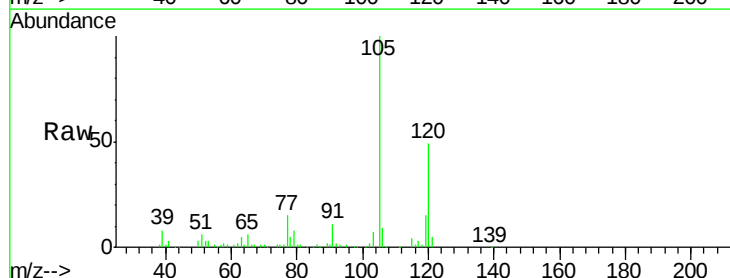
Acq: 07 Jan 2019 14:35

Tgt Ion: 105 Resp: 30595

Ion Ratio Lower Upper

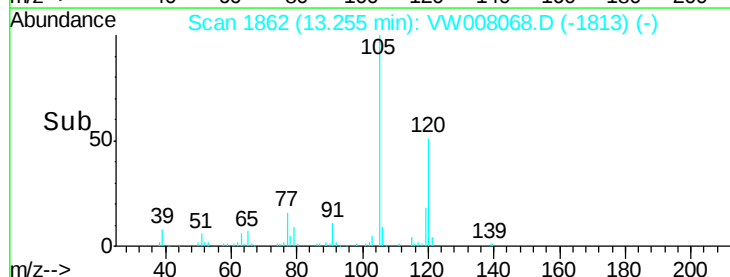
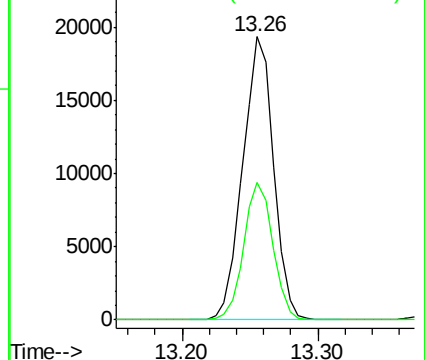
105 100

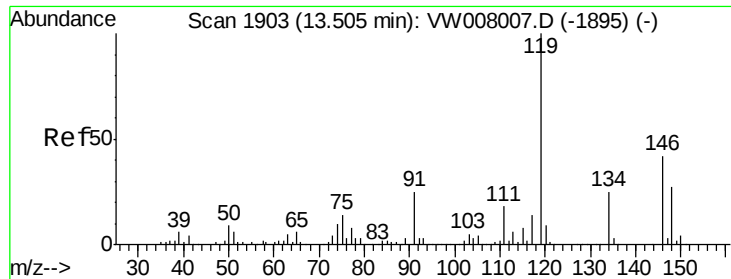
120 45.8 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

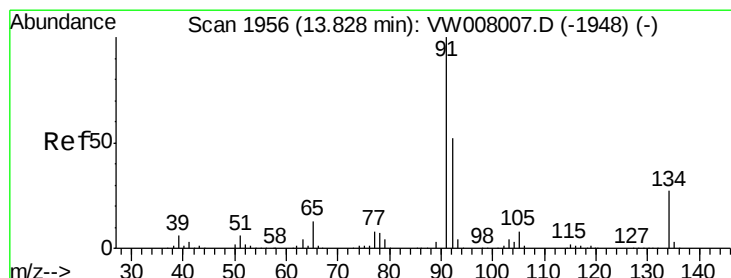
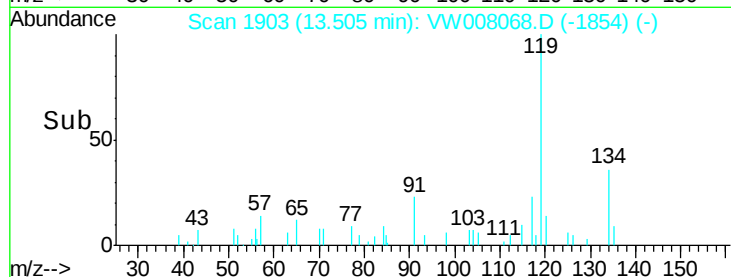
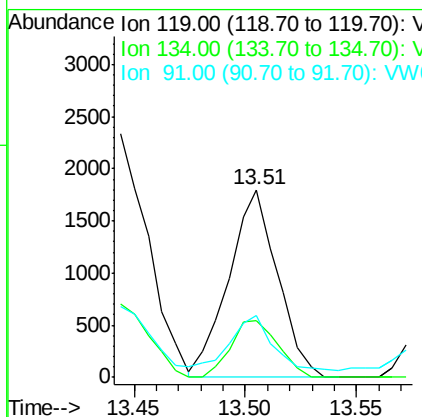
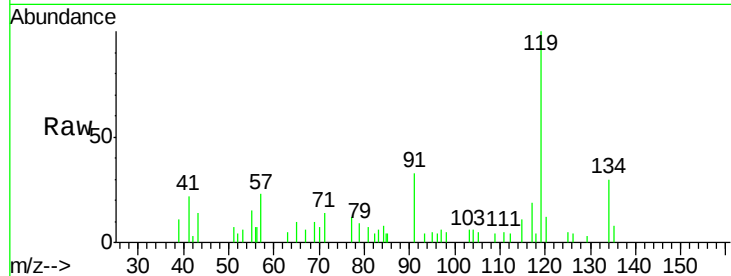




#86
p-Isopropyltoluene
Concen: 1.364 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

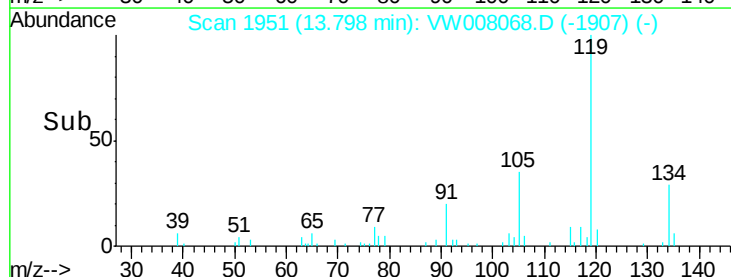
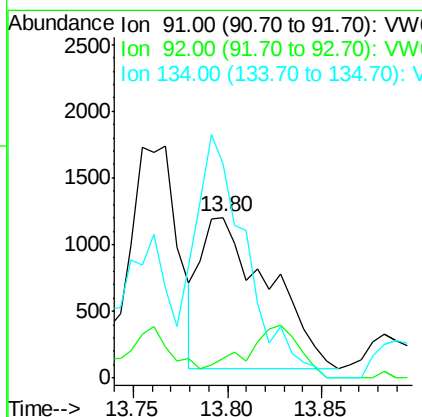
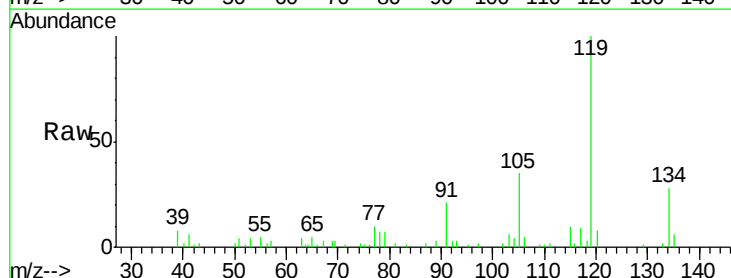
Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-B

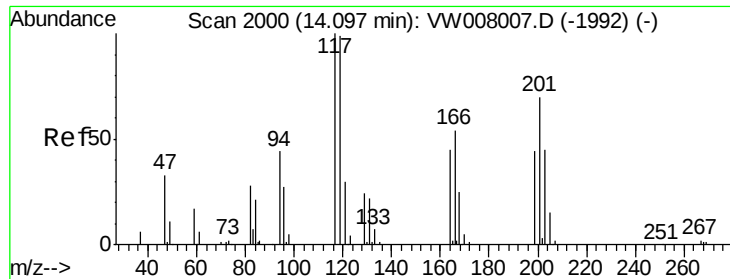
Tot Ion: 119 Resp: 2751
Ion Ratio Lower Upper
119 100
134 29.3 12.5 37.5
91 25.7 13.1 39.3



#89
n-Butylbenzene
Concen: 1.540 ug/l
RT: 13.80 min Scan# 1951
Delta R.T. -0.03 min
Lab File: VW008068.D
Acq: 07 Jan 2019 14:35

Tgt Ion: 91 Resp: 2840
Ion Ratio Lower Upper
91 100
92 0.0 26.4 79.2#
134 121.7 13.4 40.2#





#90

Hexachloroethane

Concen: 3.113 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

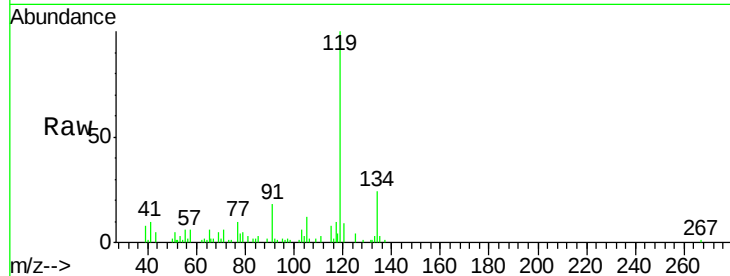
EO-02-010419-B

Tot Ion:117 Resp: 1089

Ion Ratio Lower Upper

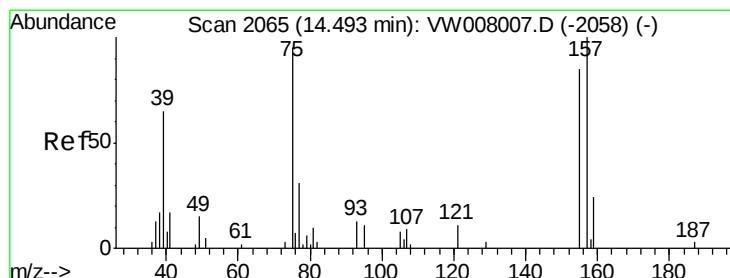
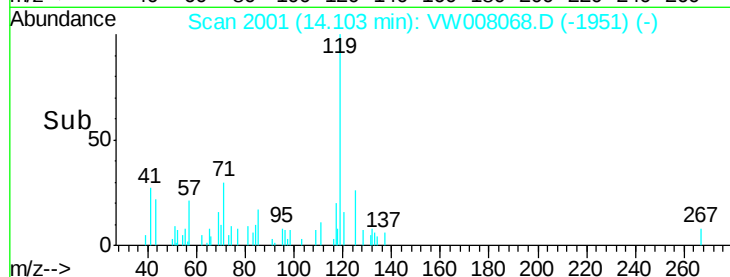
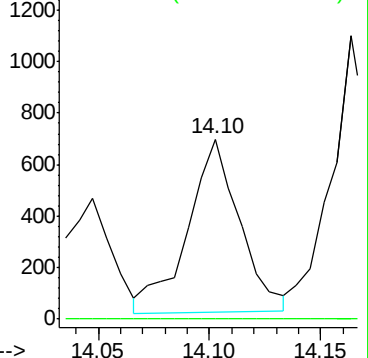
117 100

201 0.0 37.1 111.5#



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: 1.669 ug/l

RT: 14.46 min Scan# 2059

Delta R.T. -0.04 min

Lab File: VW008068.D

Acq: 07 Jan 2019 14:35

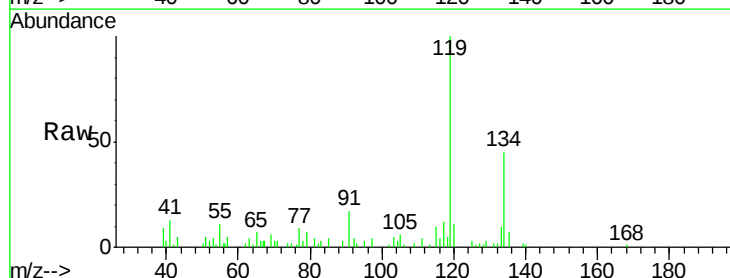
Tgt Ion: 75 Resp: 93

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

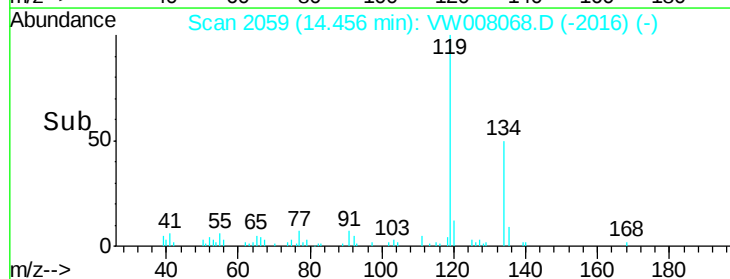
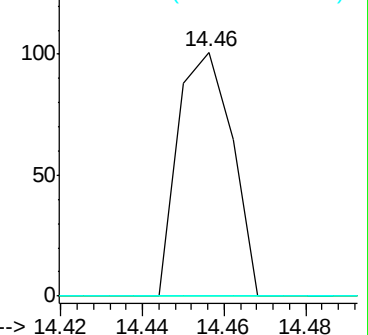
157 0.0 52.3 156.8#

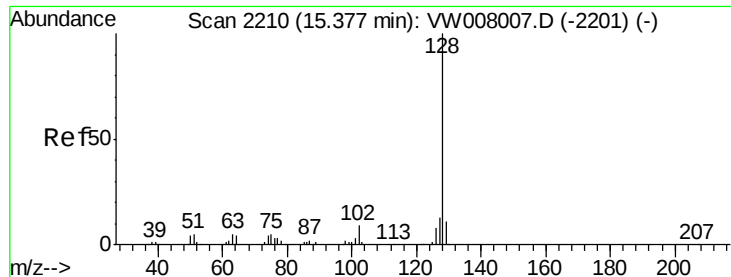


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

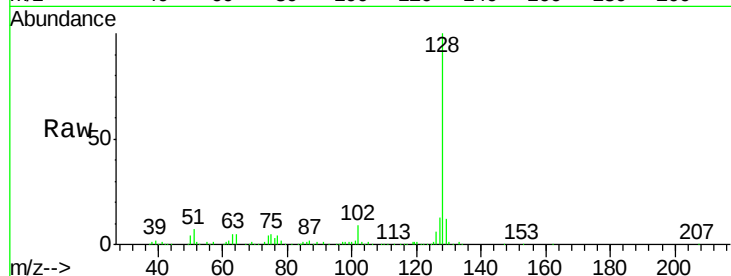




#95
 Naphthalene
 Concen: 103.907 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW008068.D
 Acq: 07 Jan 2019 14:35

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-010419-B

Tot Ion:	128	Resp:	102201
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.8	16.2
129	11.1	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

