

Data File : VW008297.D
Acq On : 15 Jan 2019 22:16
Operator : SY/VA
Sample : K1012-09
Misc : 6.74G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 16 00:57:35 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	9693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	15344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	12888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	4390	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	6322	58.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.06%	
35) Dibromofluoromethane	7.88	113	5412	60.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.94%	
50) Toluene-d8	10.32	98	17737	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
62) 4-Bromofluorobenzene	12.62	95	4908	36.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.92%	

Target Compounds

						Qvalue
3) Chloromethane	2.21	50	110	1.072	ug/l #	50
4) Vinyl Chloride	2.40	62	147	1.097	ug/l #	41
8) Diethyl Ether	3.75	74	99	1.608	ug/l	49
11) Tert butyl alcohol	5.23	59	44	Below Cal	#	100
13) Acrolein	3.90	56	141	18.052	ug/l #	74
15) Acrylonitrile	5.38	53	189	8.064	ug/l #	30
16) Acetone	4.12	43	2497	116.195	ug/l	96
20) Methylene Chloride	4.92	84	2803	23.594	ug/l #	80
25) 2-Butanone	7.17	43	542	17.881	ug/l #	69
26) 2,2-Dichloropropane	7.24	77	161	1.110	ug/l	84
29) Tetrahydrofuran	7.52	42	203	10.026	ug/l #	64
31) Cyclohexane	7.93	56	685	2.988	ug/l #	54
37) Ethyl Acetate	7.25	43	211	3.332	ug/l #	69
39) Methylcyclohexane	9.33	83	278	1.387	ug/l	95
40) Benzene	8.32	78	492	1.148	ug/l #	74
41) Methacrylonitrile	7.50	41	363	9.075	ug/l #	32
48) Methyl methacrylate	9.44	41	179	2.996	ug/l #	25
49) 1,4-Dioxane	9.52	88	34	40.498	ug/l #	2
51) 4-Methyl-2-Pentanone	10.22	43	183	2.986	ug/l	91
52) Toluene	10.39	92	5125	18.719	ug/l	95
55) 1,1,2-Trichloroethane	10.77	97	237	3.234	ug/l #	31
56) Ethyl methacrylate	10.66	69	147	1.620	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.94	63	91	1.941	ug/l #	48
59) 2-Hexanone	10.93	43	82	1.979	ug/l	65
67) Ethyl Benzene	11.73	91	1529	3.061	ug/l #	80
68) m/p-Xylenes	11.84	106	2021	10.598	ug/l	91
69) o-Xylene	12.16	106	1004	5.686	ug/l	89
74) N-amyl acetate	12.24	43	223	2.922	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.71	83	102	1.849	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	2653	66.293	ug/l #	1
77) Bromobenzene	12.87	156	120	1.648	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.95	105	695	2.454	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.62	75	2653	154.375	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.26	105	1274	4.361	ug/l	95

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

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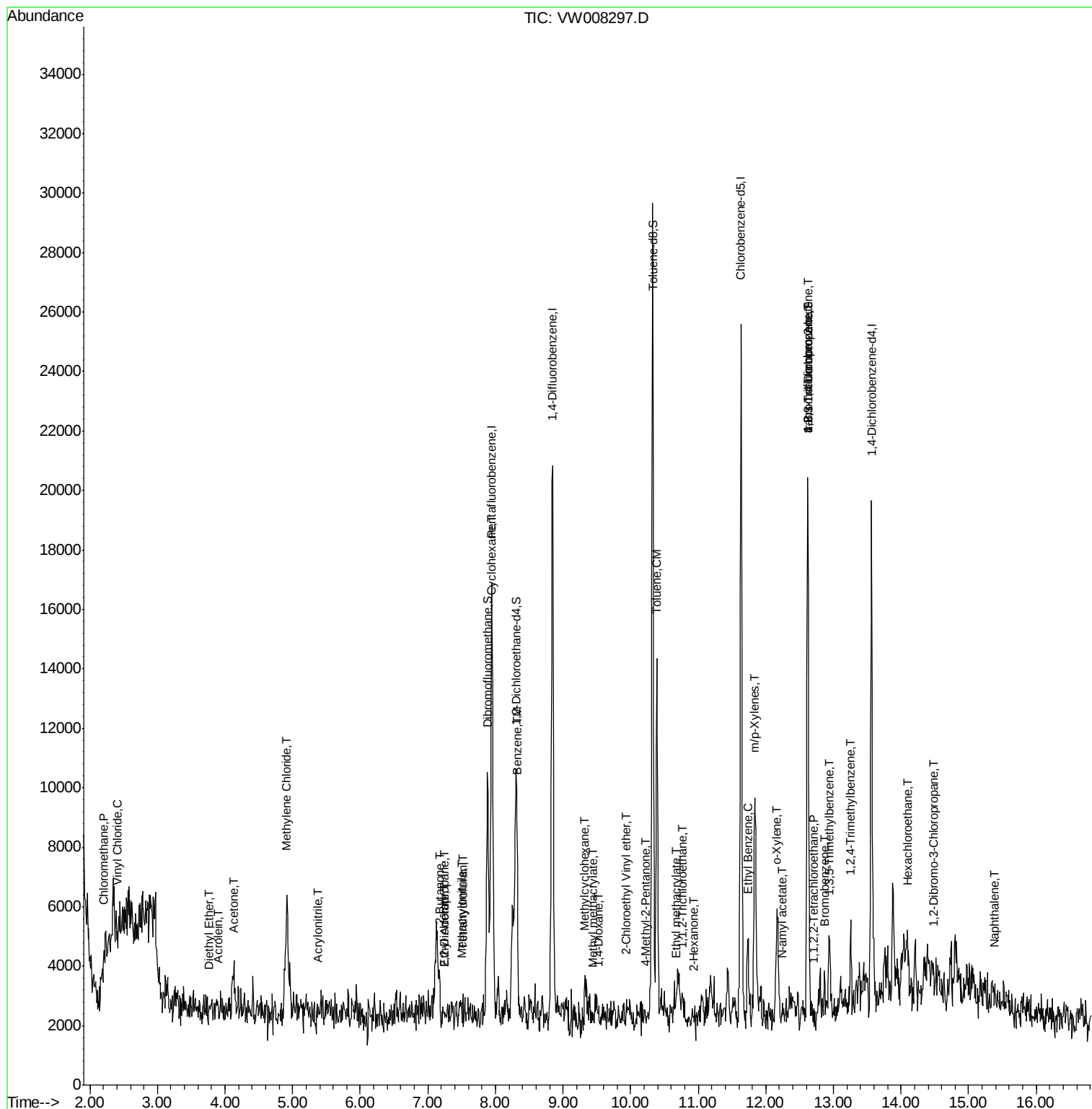
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.10	117	106	1.980	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21	2.365	ug/l #	32
95) Naphthalene	15.38	128	751	4.666	ug/l #	81

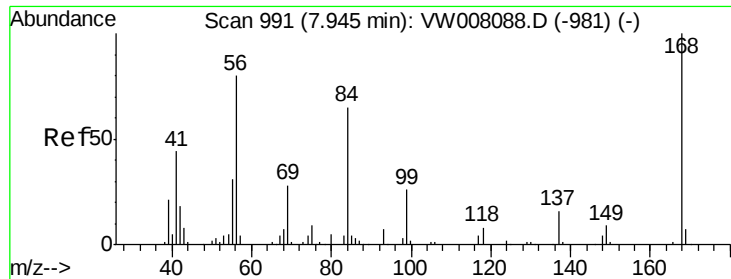
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

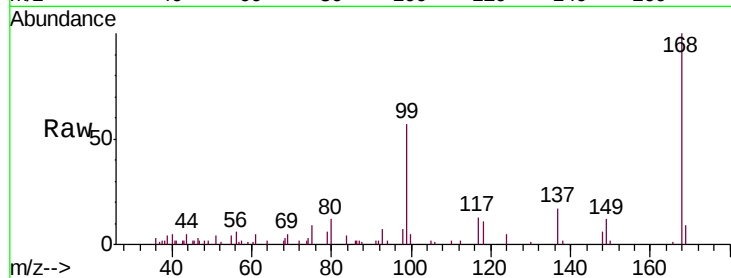
EO-01-011518-B

Tgt Ion:168 Resp: 9693

Ion Ratio Lower Upper

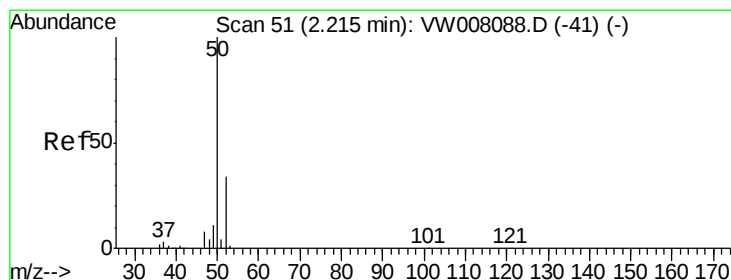
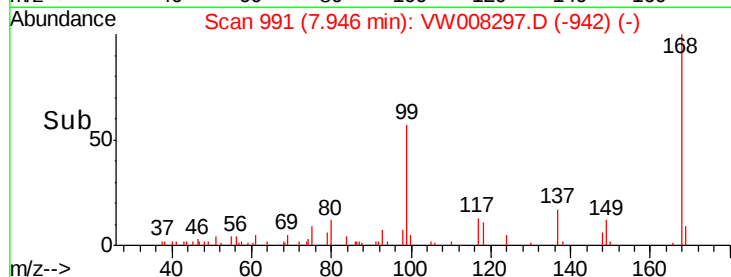
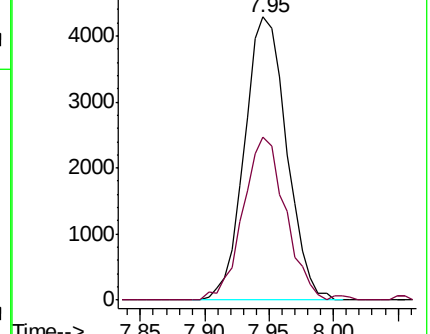
168 100

99 57.5 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 1.072 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008297.D

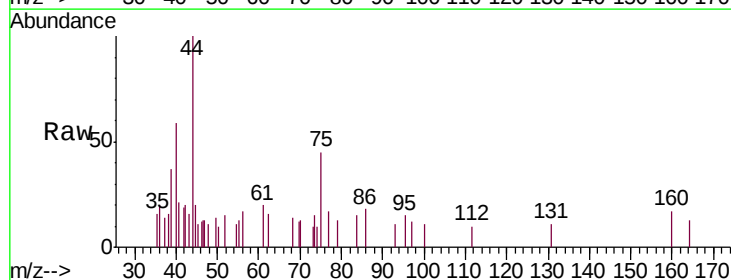
Acq: 15 Jan 2019 22:16

Tgt Ion: 50 Resp: 110

Ion Ratio Lower Upper

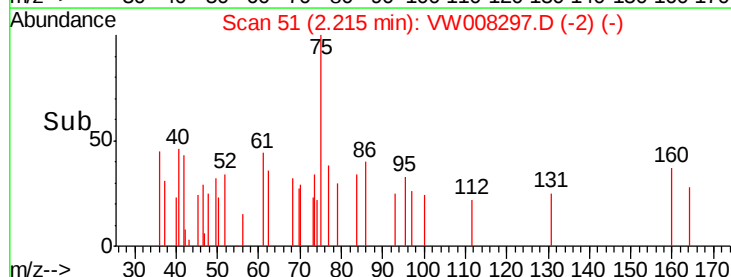
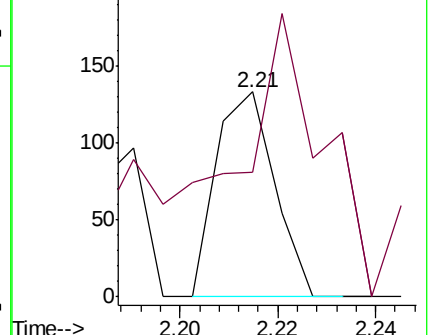
50 100

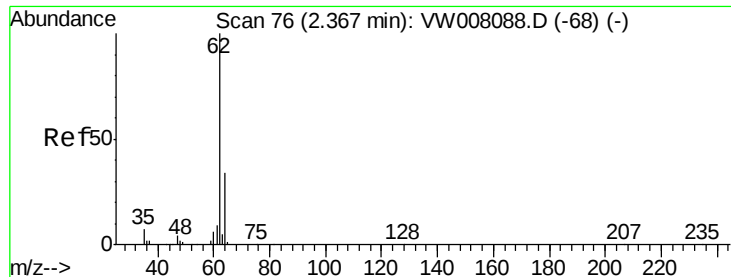
52 5.3 26.8 40.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#4

Vinyl Chloride

Concen: 1.097 ug/l

RT: 2.40 min Scan# 82

Delta R.T. 0.04 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

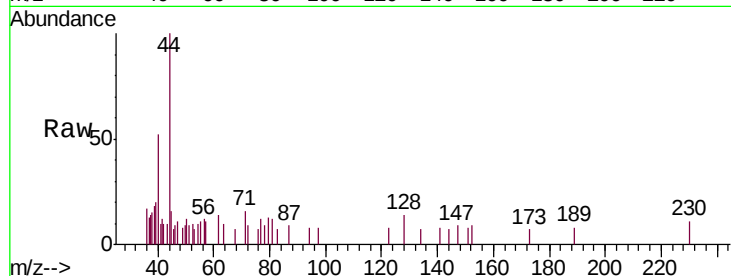
EO-01-011518-B

Tgt Ion: 62 Resp: 147

Ion Ratio Lower Upper

62 100

64 0.0 27.0 40.6#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

150

100

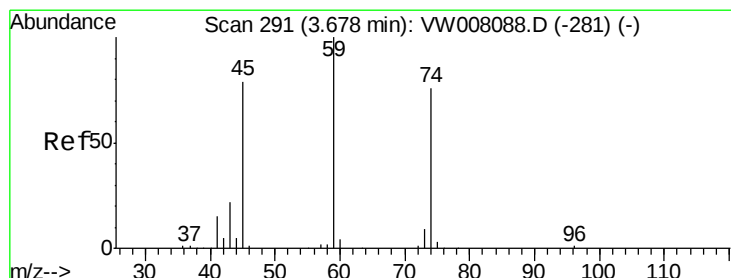
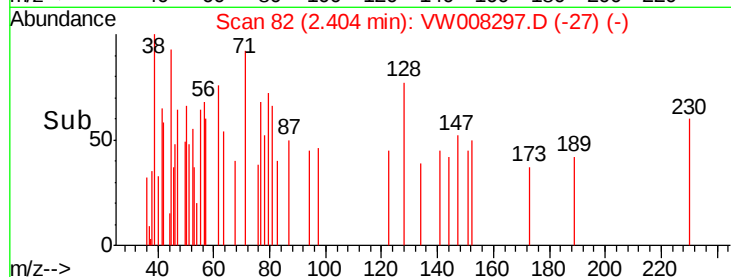
50

0

2.36 2.38 2.40 2.42

2.40

Time-->



#8

Diethyl Ether

Concen: 1.608 ug/l

RT: 3.75 min Scan# 303

Delta R.T. 0.07 min

Lab File: VW008297.D

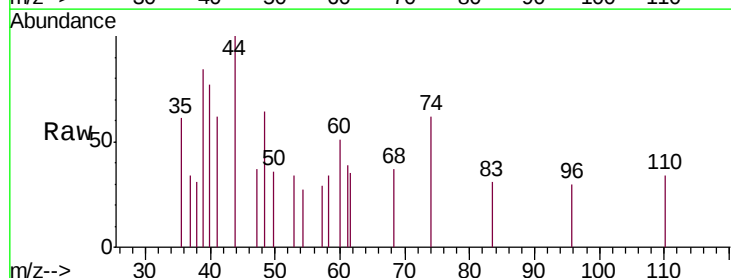
Acq: 15 Jan 2019 22:16

Tgt Ion: 74 Resp: 99

Ion Ratio Lower Upper

74 100

45 52.5 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

150

100

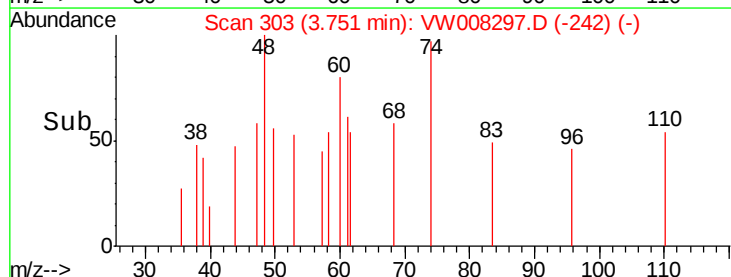
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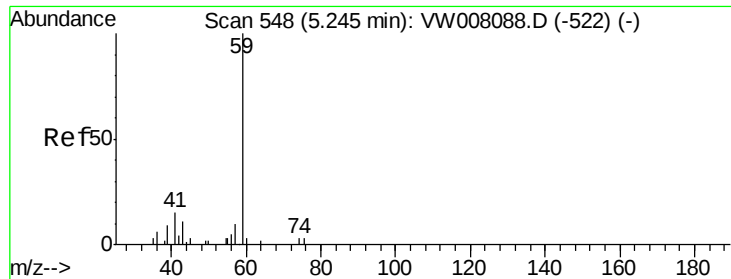
0

3.72 3.74 3.76

3.75

Time-->

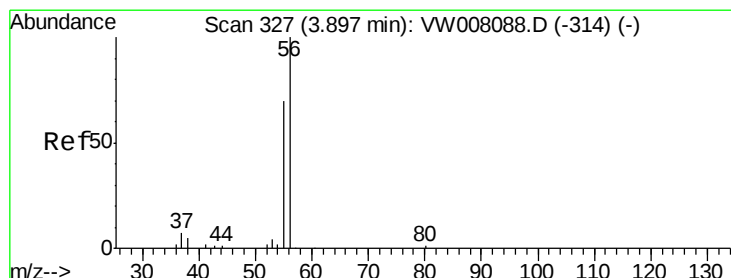
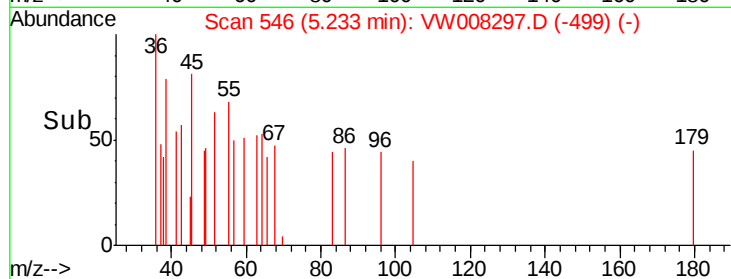
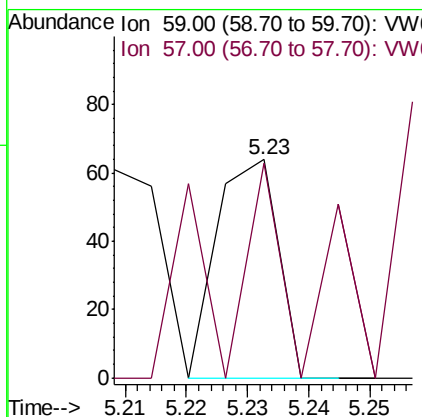
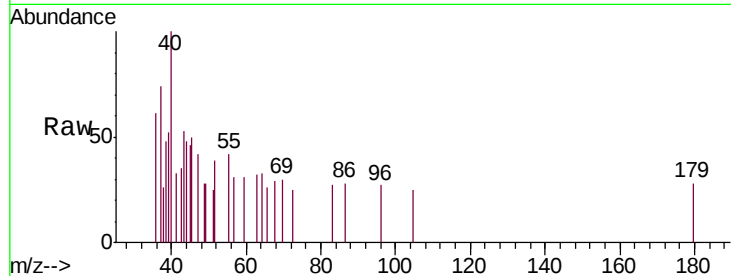




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 546
Delta R.T. -0.01 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

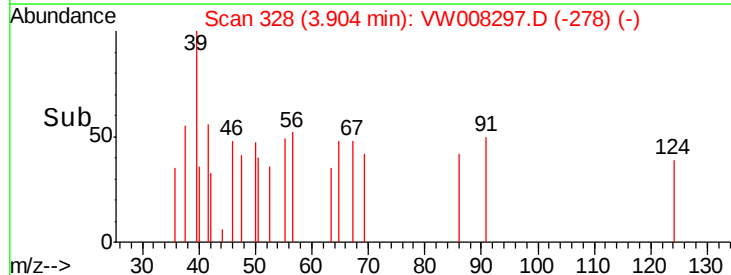
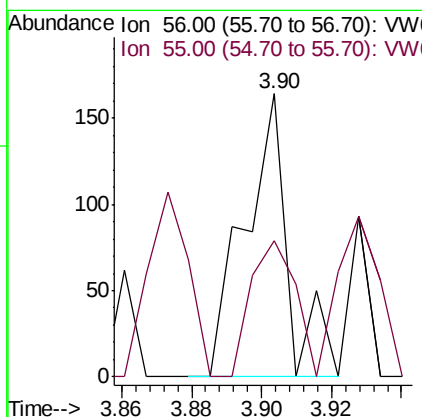
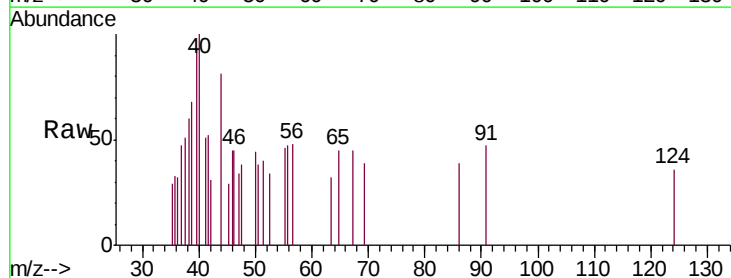
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-B

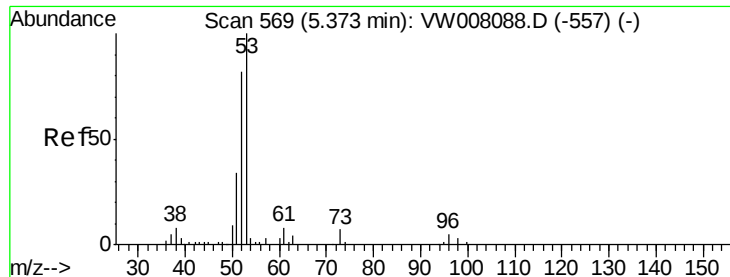
Tgt Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
57 52.3 0.0 0.0#



#13
Acrolein
Concen: 18.052 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.01 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

Tgt Ion: 56 Resp: 141
Ion Ratio Lower Upper
56 100
55 49.6 56.6 84.8#





#15

Acrylonitrile

Concen: 8.064 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-B

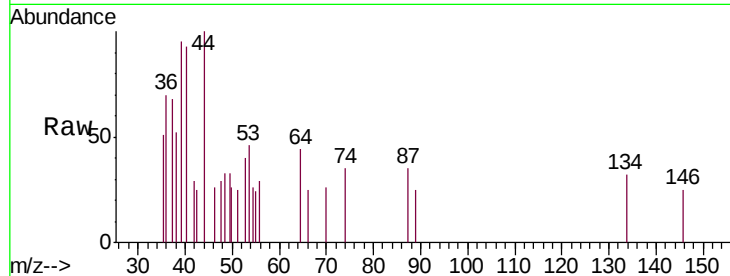
Tgt Ion: 53 Resp: 189

Ion Ratio Lower Upper

53 100

52 17.5 66.8 100.2#

51 0.0 29.7 44.5#



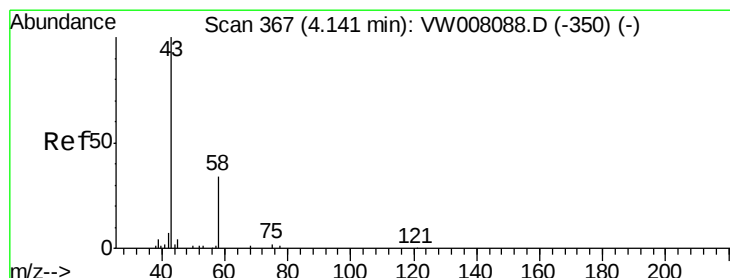
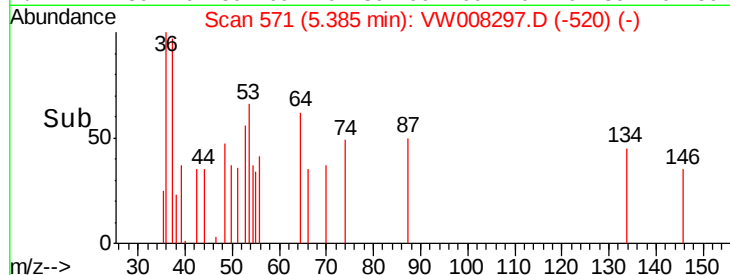
Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW

5.38

Time-->



#16

Acetone

Concen: 116.195 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008297.D

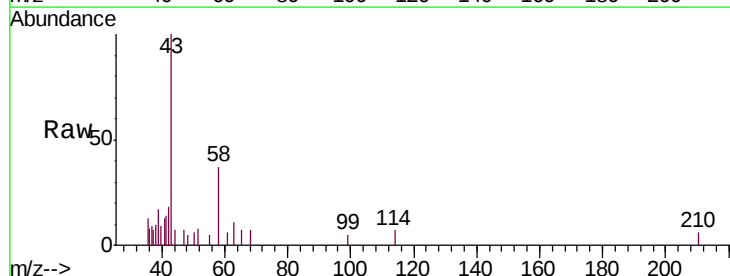
Acq: 15 Jan 2019 22:16

Tgt Ion: 43 Resp: 2497

Ion Ratio Lower Upper

43 100

58 36.6 27.5 41.3

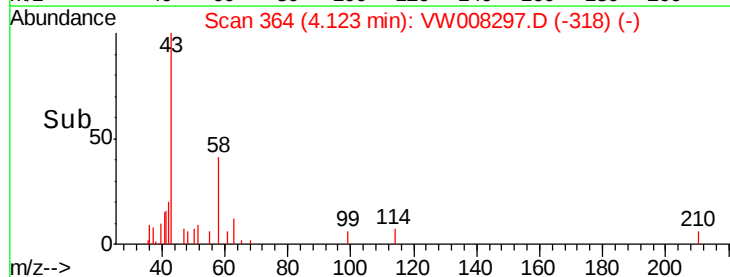


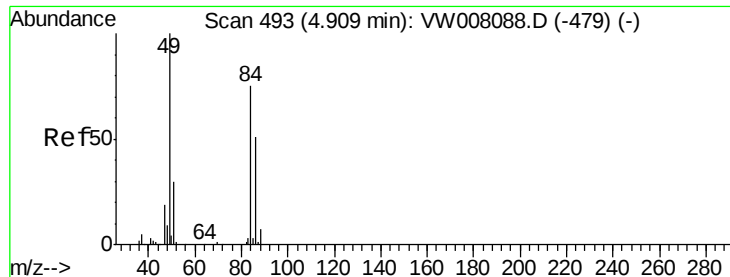
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

Time-->

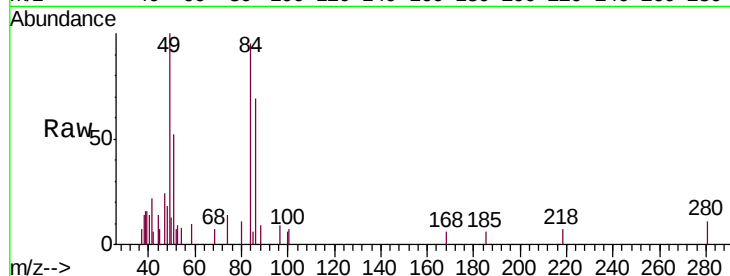




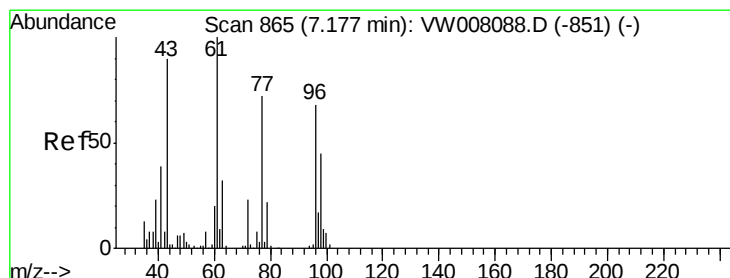
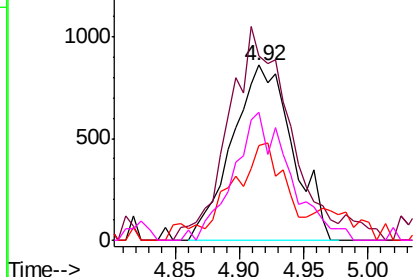
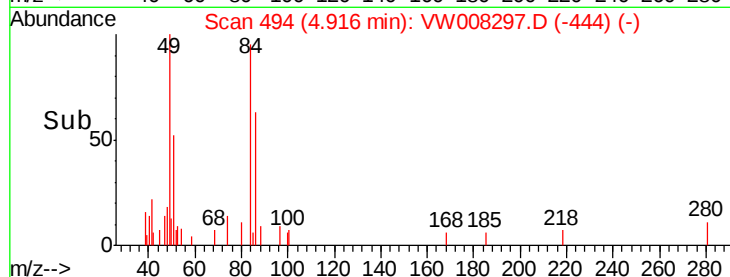
#20
Methylene Chloride
Concen: 23.594 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

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

Tgt Ion: 84 Resp: 2803
Ion Ratio Lower Upper
84 100
49 96.9 107.1 160.7#
51 47.7 32.4 48.6
86 66.7 54.2 81.4

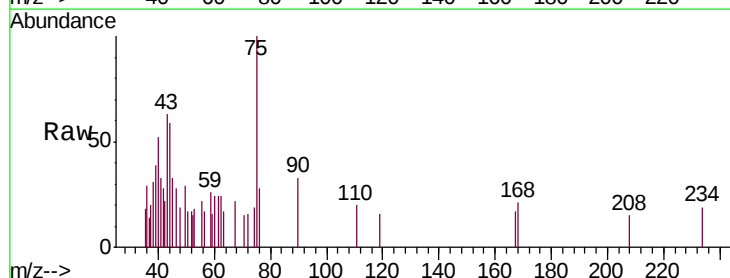


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

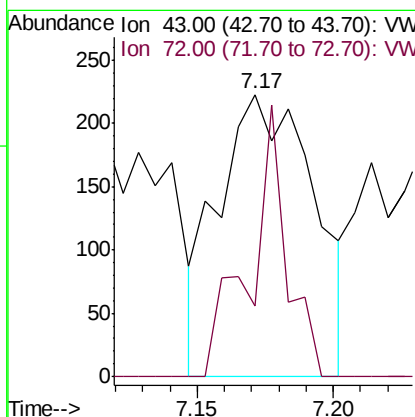
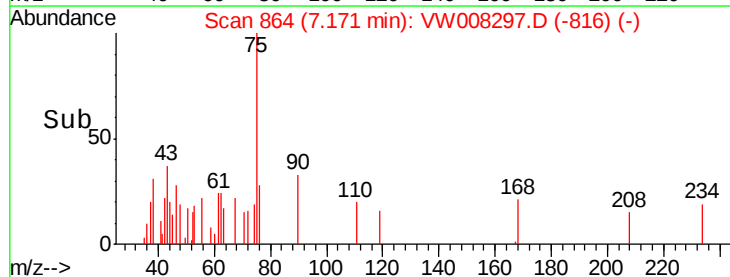


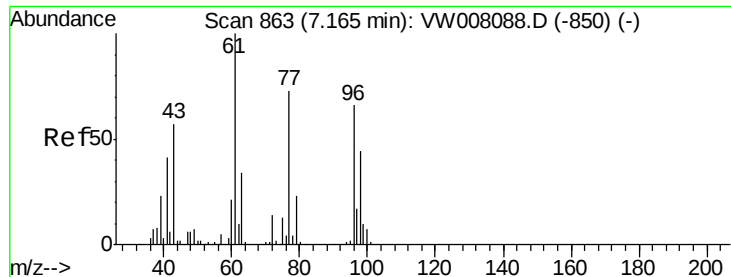
#25
2-Butanone
Concen: 17.881 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
72 41.2 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: 1.110 ug/l

RT: 7.24 min Scan# 876

Delta R.T. 0.08 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

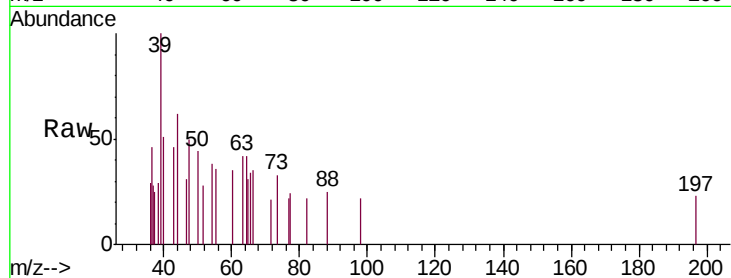
EO-01-011518-B

Tgt Ion: 77 Resp: 161

Ion Ratio Lower Upper

77 100

97 14.9 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.24

100

80

60

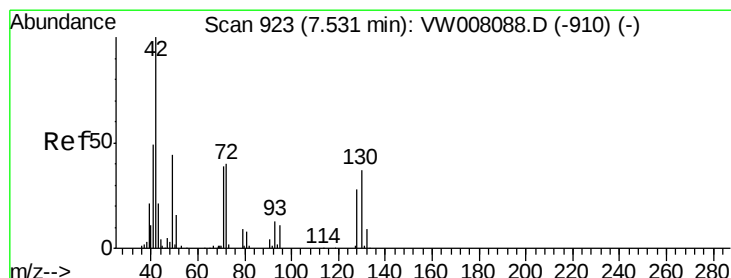
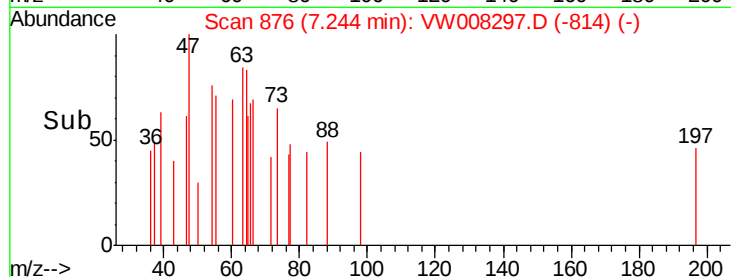
40

20

0

7.22 7.24 7.26 7.28

Time-->



#29

Tetrahydrofuran

Concen: 10.026 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.01 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

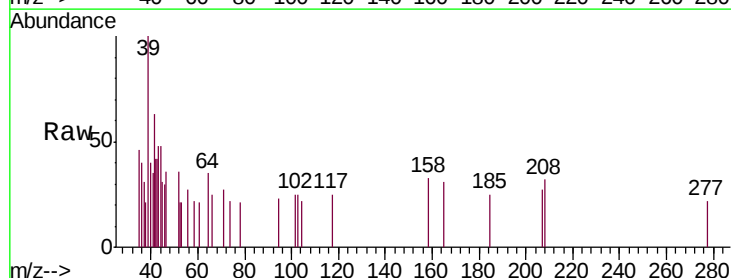
Tgt Ion: 42 Resp: 203

Ion Ratio Lower Upper

42 100

72 12.8 32.4 48.6#

71 22.2 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

250

200

150

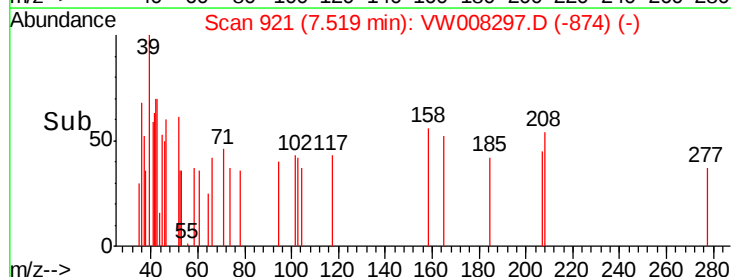
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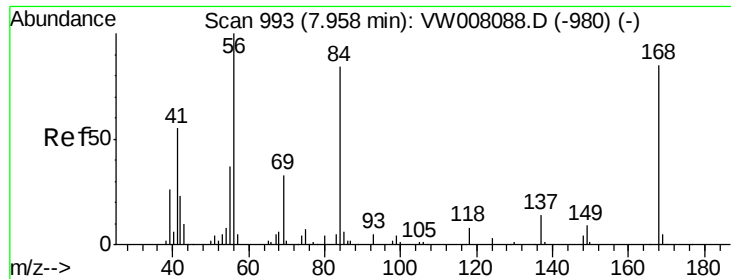
50

0

7.48 7.50 7.52

Time-->

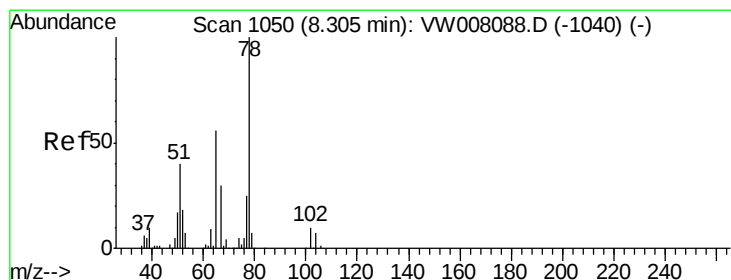
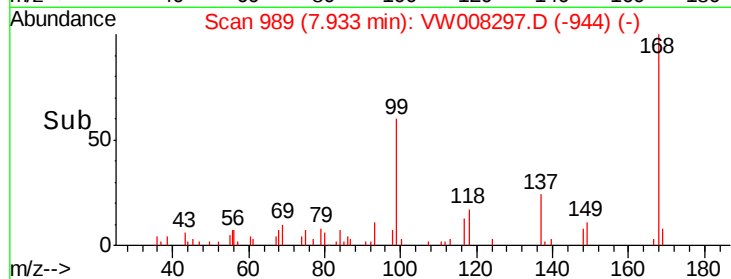
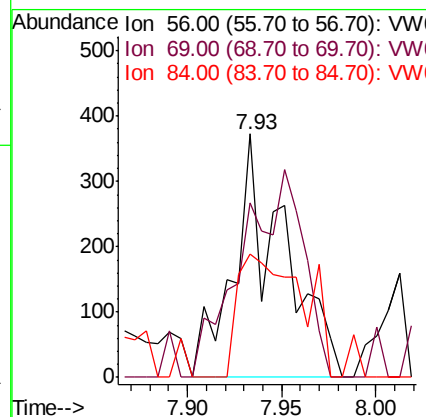
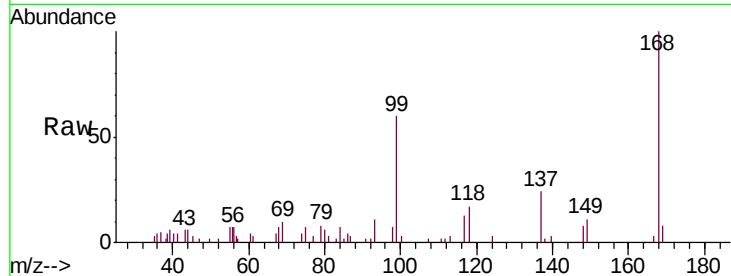




#31
Cyclohexane
Concen: 2.988 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

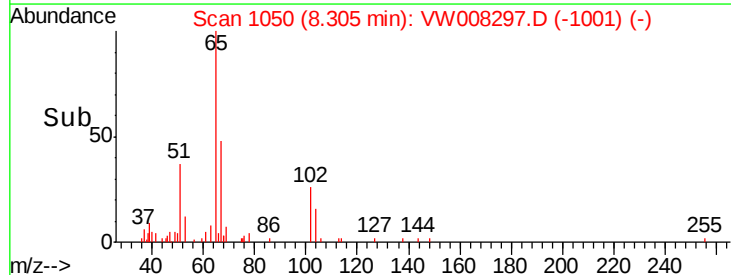
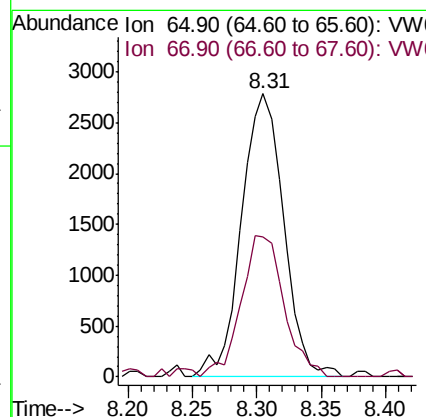
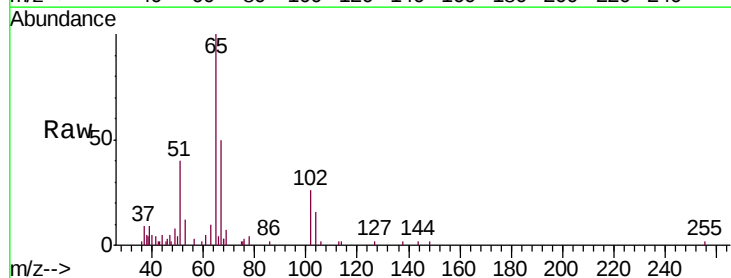
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-B

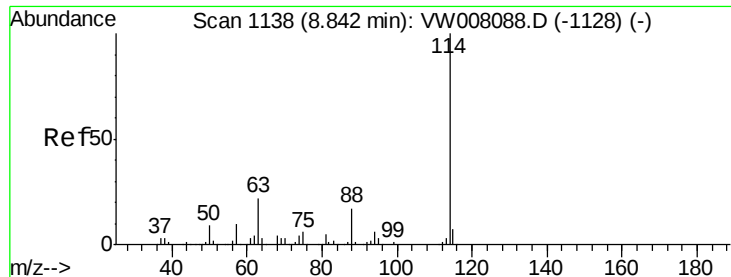
Tgt Ion: 56 Resp: 685
Ion Ratio Lower Upper
56 100
69 71.8 26.2 39.4#
84 50.7 67.4 101.2#



#33
1,2-Dichloroethane-d4
Concen: 58.031 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

Tgt Ion: 65 Resp: 6322
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.8

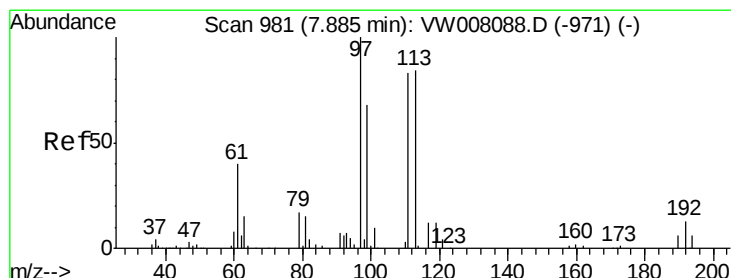
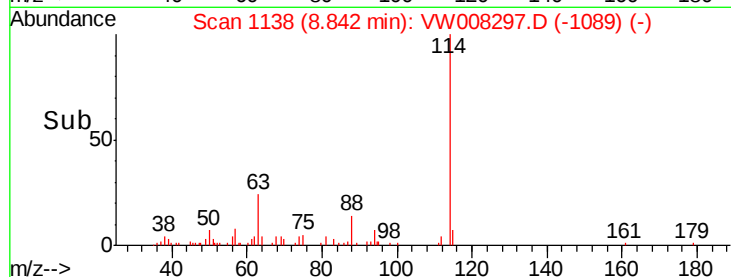
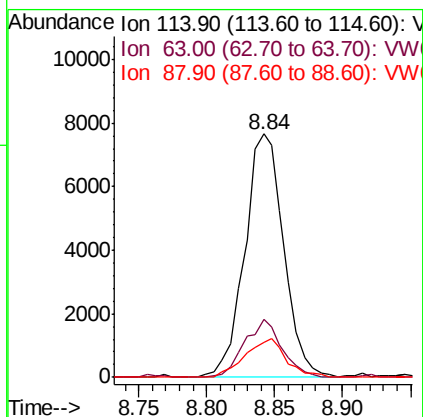
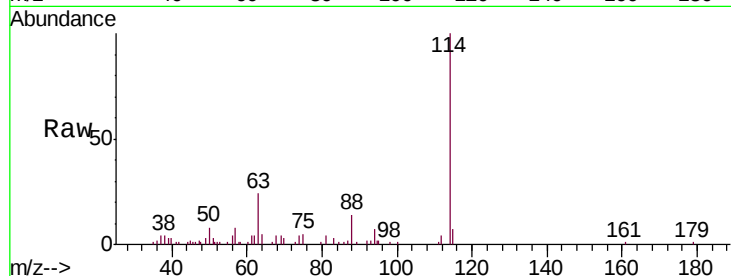




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008297.D
 Acq: 15 Jan 2019 22:16

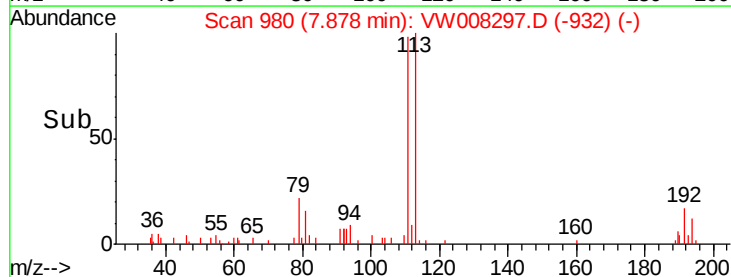
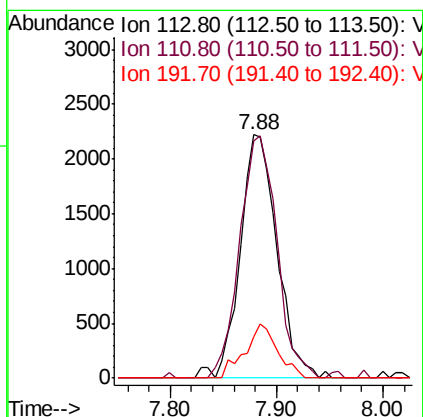
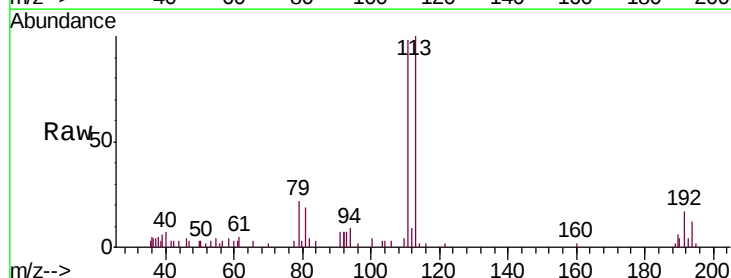
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-011518-B

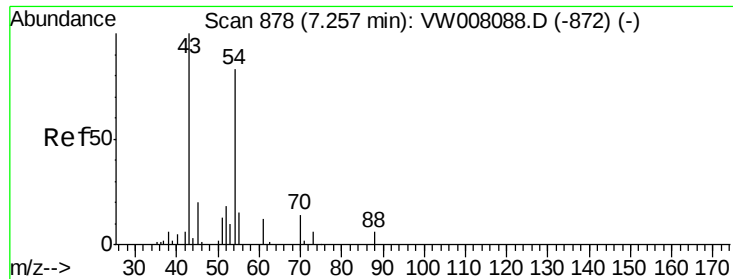
Tgt Ion:114 Resp: 15344
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 43.4
 88 14.1 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 60.475 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008297.D
 Acq: 15 Jan 2019 22:16

Tgt Ion:113 Resp: 5412
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.8 122.8
 192 19.7 12.8 19.2#

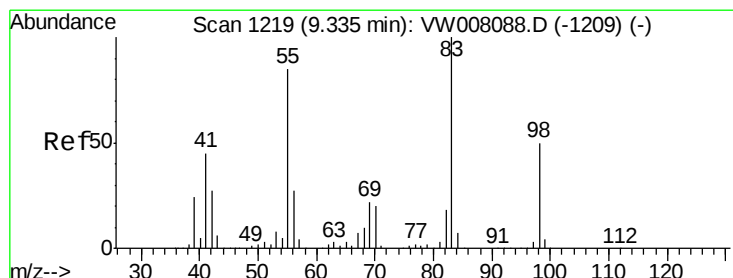
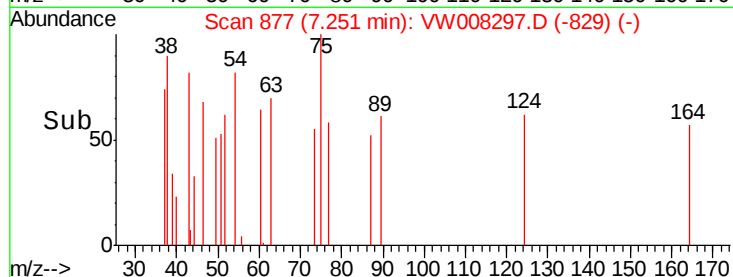
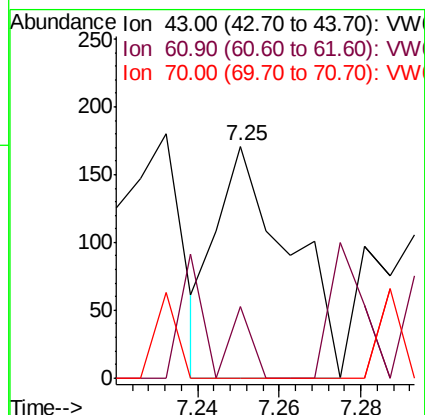
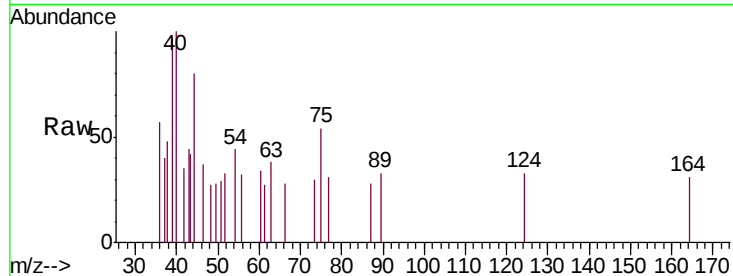




#37
Ethyl Acetate
Concen: 3.332 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

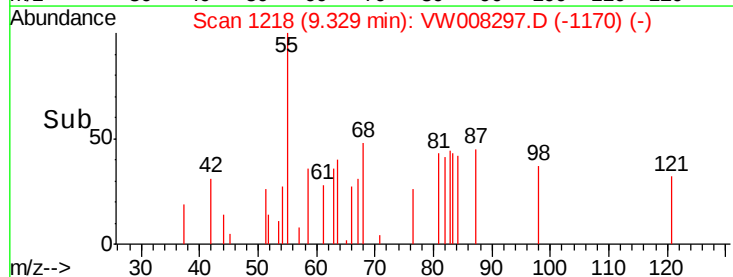
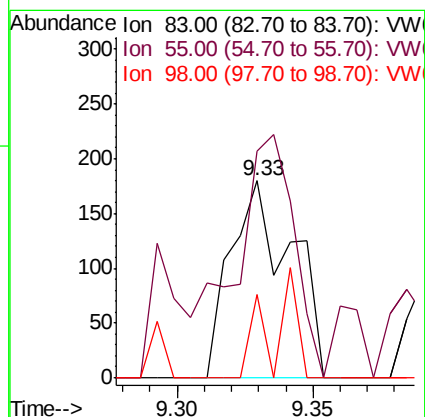
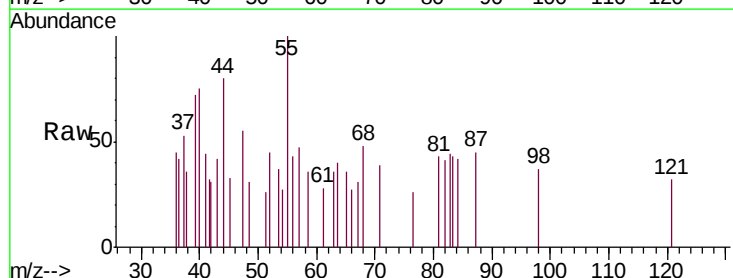
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-B

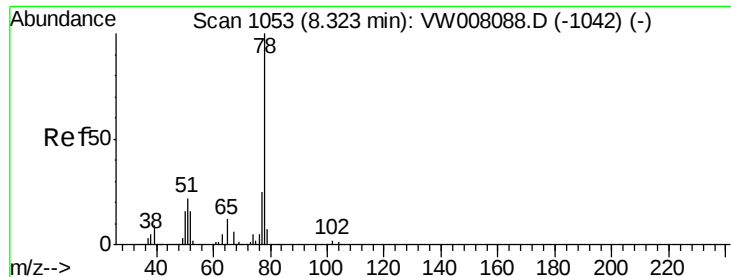
Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.9 13.3#



#39
Methylcyclohexane
Concen: 1.387 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

Tgt Ion: 83 Resp: 278
Ion Ratio Lower Upper
83 100
55 84.4 67.8 101.6
98 42.2 40.2 60.4





#40

Benzene

Concen: 1.148 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

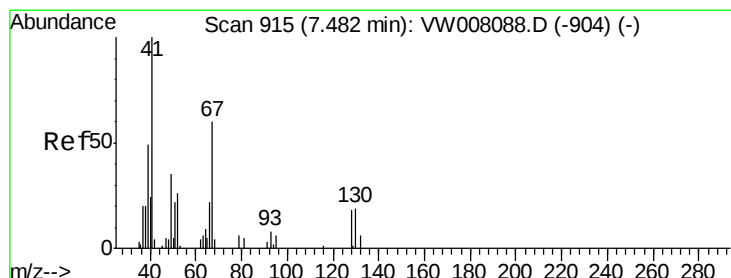
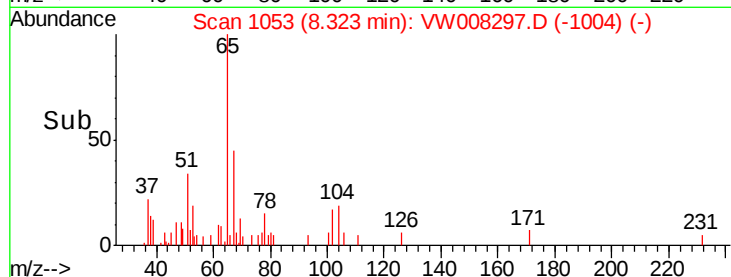
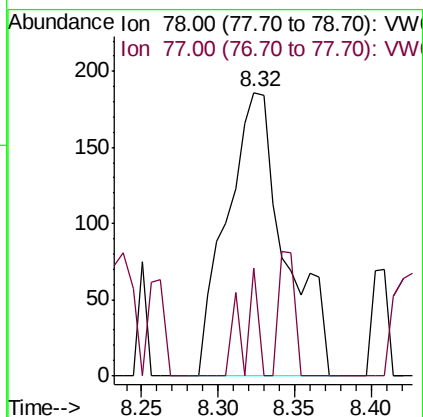
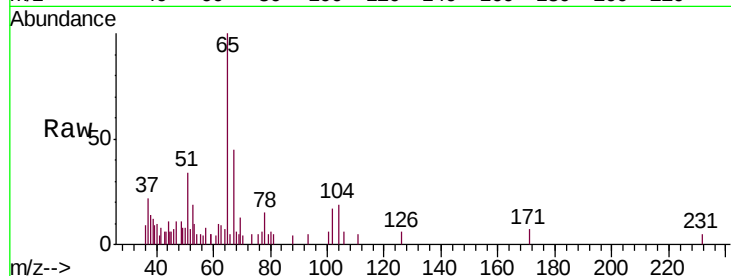
EO-01-011518-B

Tgt Ion: 78 Resp: 492

Ion Ratio Lower Upper

78 100

77 38.2 20.2 30.4#



#41

Methacrylonitrile

Concen: 9.075 ug/l

RT: 7.50 min Scan# 918

Delta R.T. 0.02 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Tgt Ion: 41 Resp: 363

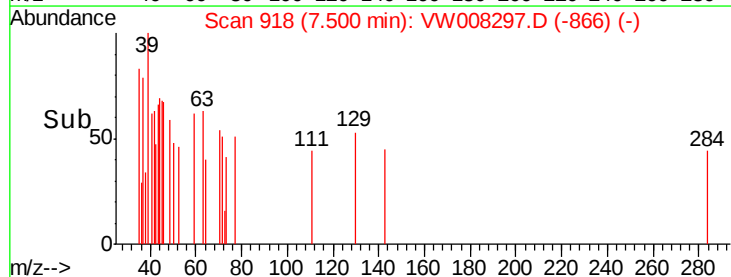
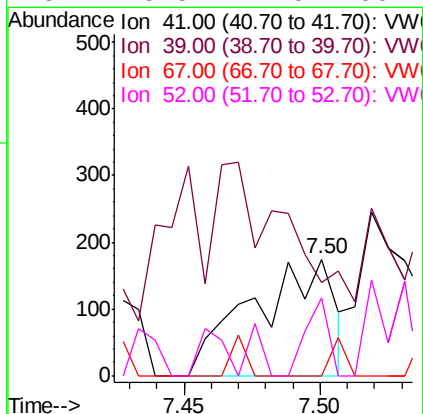
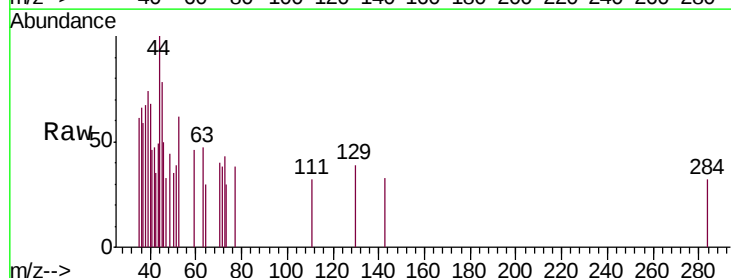
Ion Ratio Lower Upper

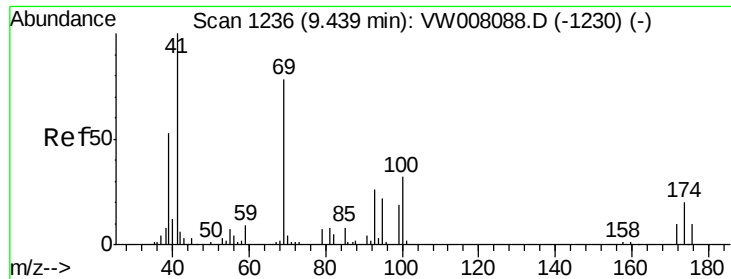
41 100

39 0.0 47.9 71.9#

67 5.8 56.3 84.5#

52 18.5 24.5 36.7#

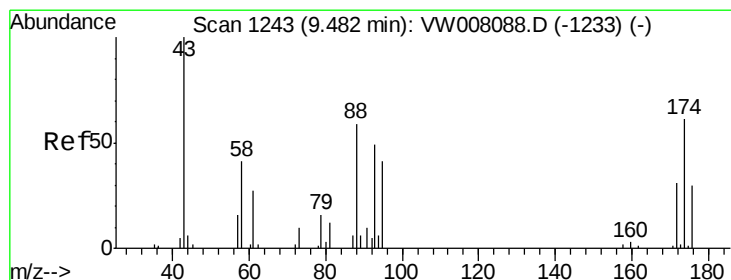
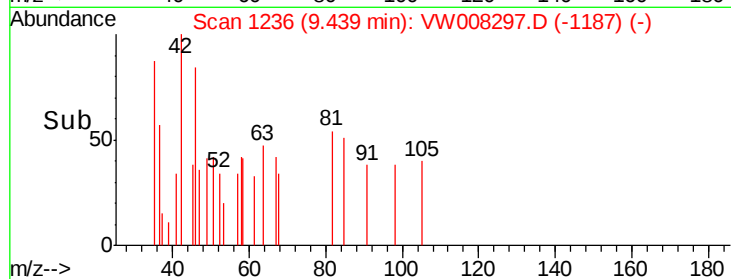
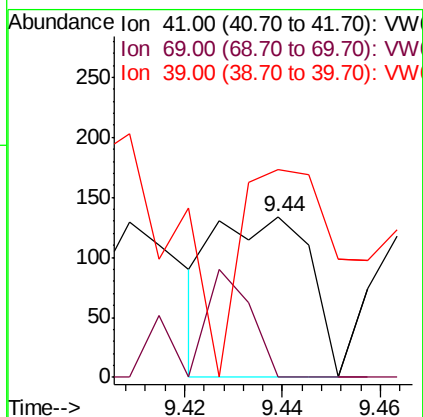
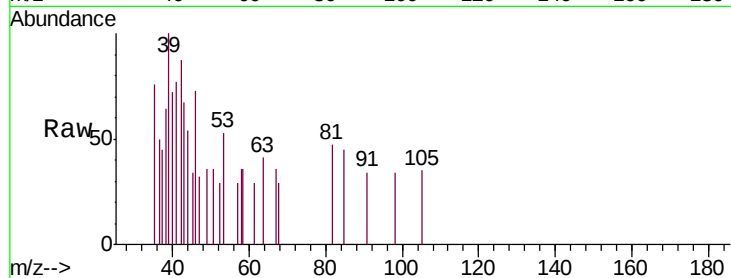




#48
Methyl methacrylate
Concen: 2.996 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

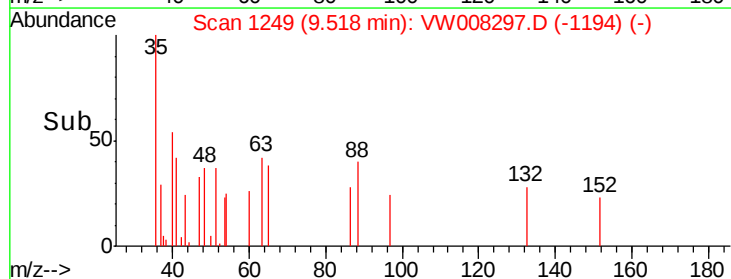
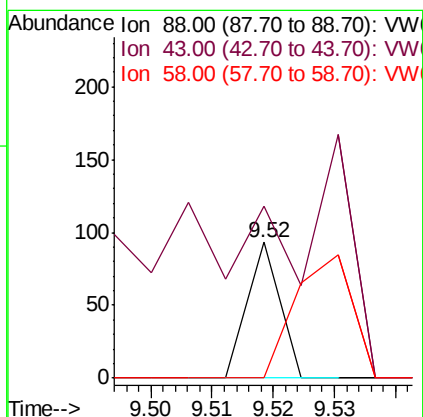
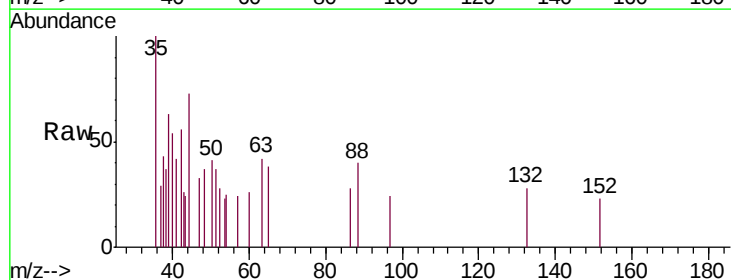
Instrument :
MSVOA_W
ClientSampled :
EO-01-011518-B

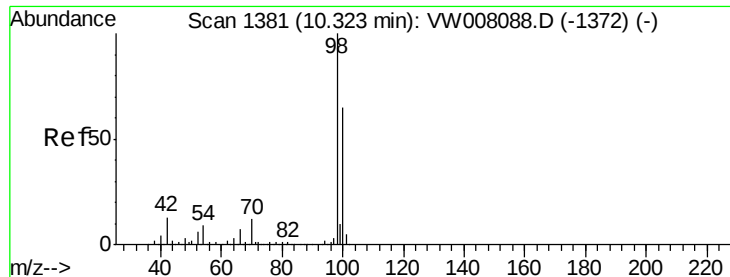
Tgt Ion: 41 Resp: 179
Ion Ratio Lower Upper
41 100
69 41.9 61.9 92.9#
39 143.0 43.0 64.4#



#49
1,4-Dioxane
Concen: 40.498 ug/l
RT: 9.52 min Scan# 1249
Delta R.T. 0.04 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 161.8 61.7 92.5#





#50

Toluene-d8

Concen: 47.230 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

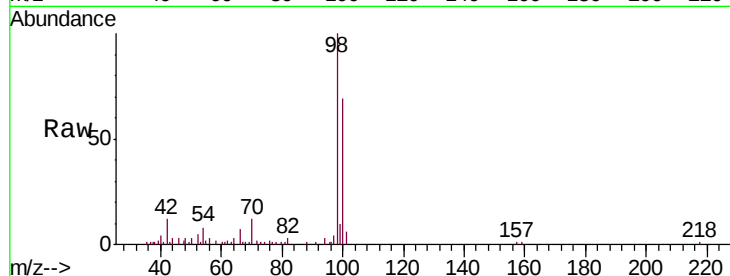
EO-01-011518-B

Tgt Ion: 98 Resp: 17737

Ion Ratio Lower Upper

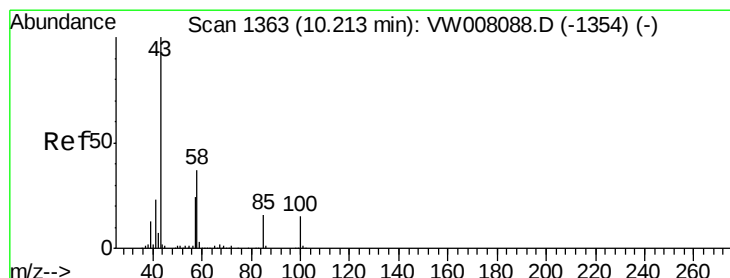
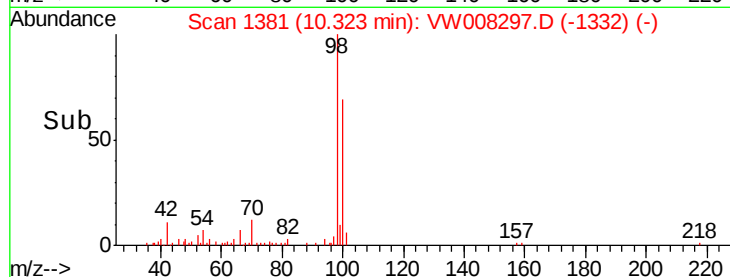
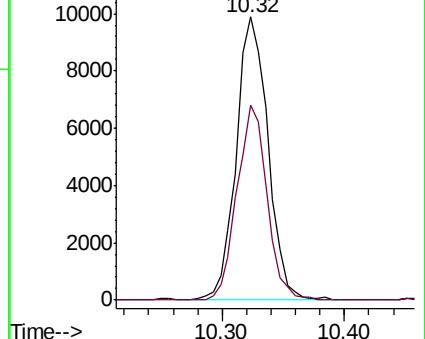
98 100

100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 2.986 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW008297.D

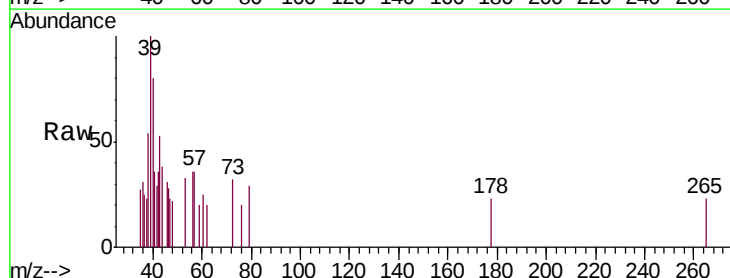
Acq: 15 Jan 2019 22:16

Tgt Ion: 43 Resp: 183

Ion Ratio Lower Upper

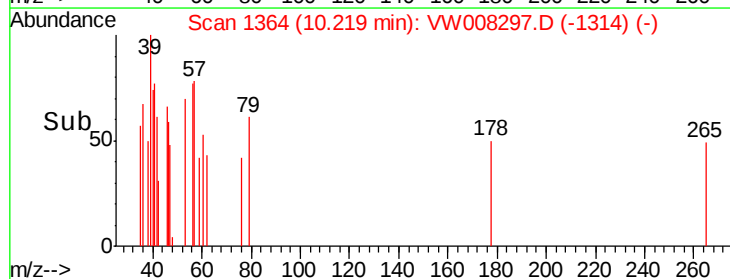
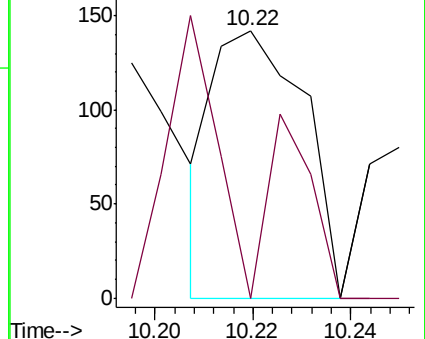
43 100

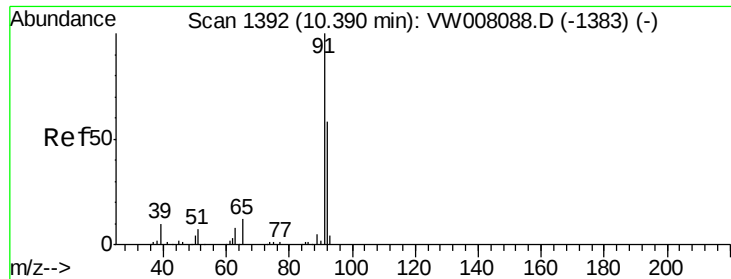
58 32.8 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 18.719 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

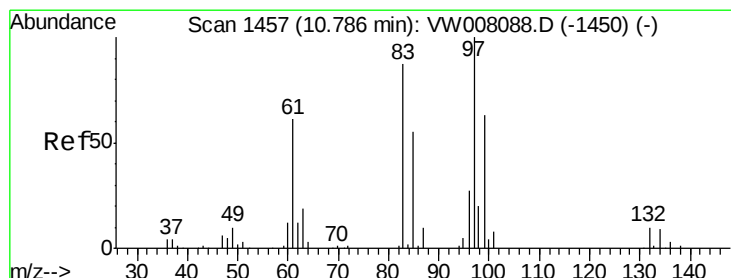
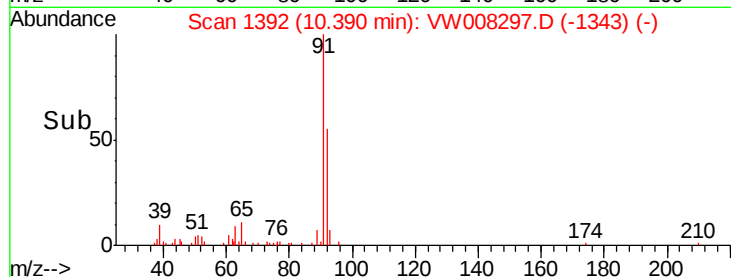
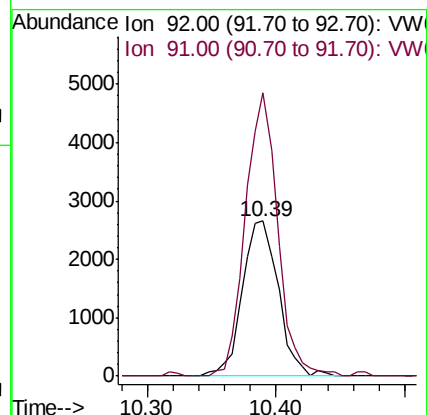
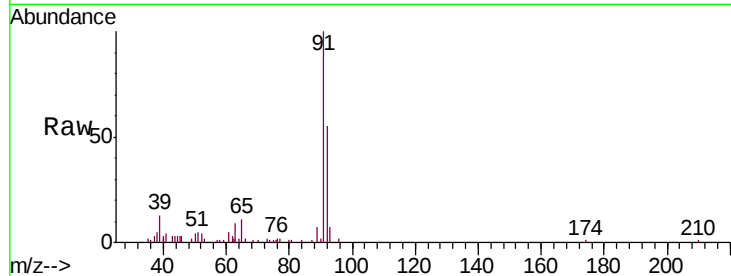
EO-01-011518-B

Tgt Ion: 92 Resp: 5125

Ion Ratio Lower Upper

92 100

91 164.0 137.0 205.4



#55

1,1,2-Trichloroethane

Concen: 3.234 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Tgt Ion: 97 Resp: 237

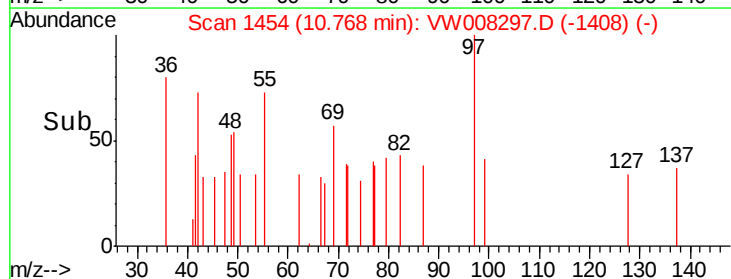
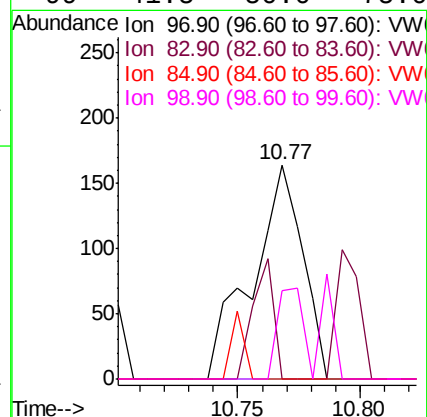
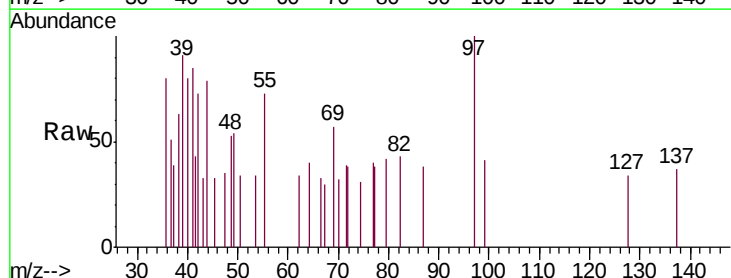
Ion Ratio Lower Upper

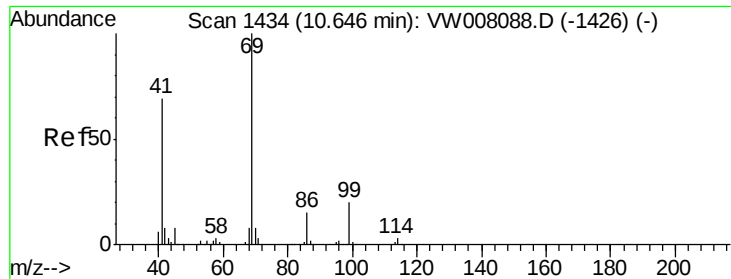
97 100

83 0.0 69.3 103.9#

85 0.0 43.8 65.6#

99 41.5 50.0 75.0#





#56

Ethyl methacrylate

Concen: 1.620 ug/l

RT: 10.66 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-B

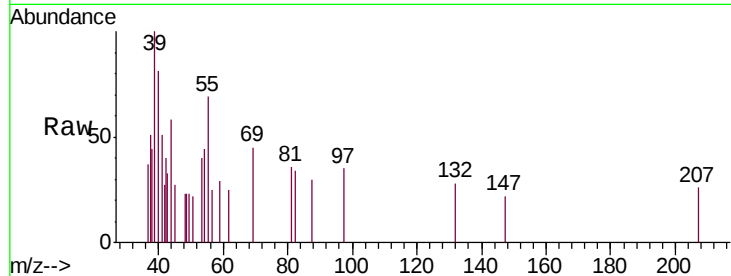
Tgt Ion: 69 Resp: 147

Ion Ratio Lower Upper

69 100

41 298.6 56.4 84.6#

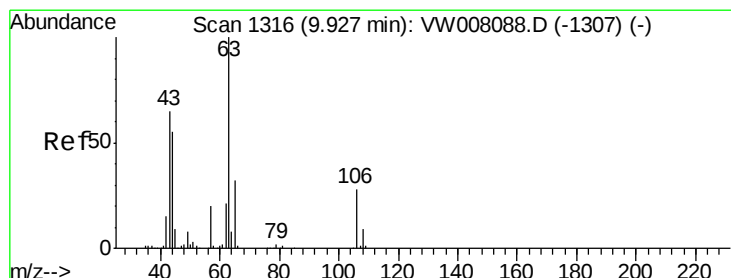
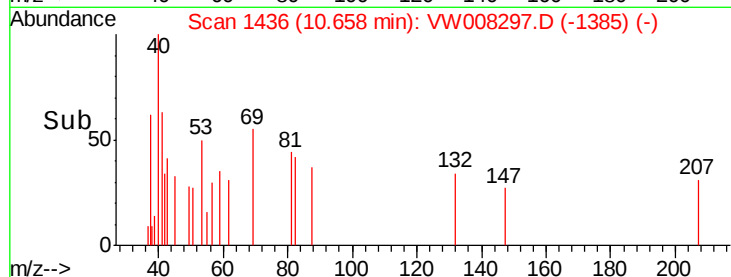
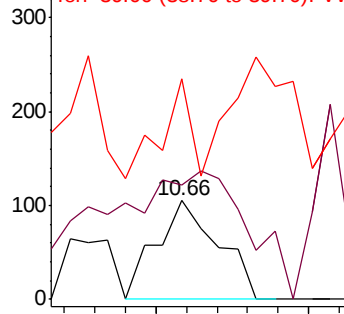
39 46.9 28.1 42.1#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#58

2-Chloroethyl Vinyl ether

Concen: 1.941 ug/l

RT: 9.94 min Scan# 1318

Delta R.T. 0.01 min

Lab File: VW008297.D

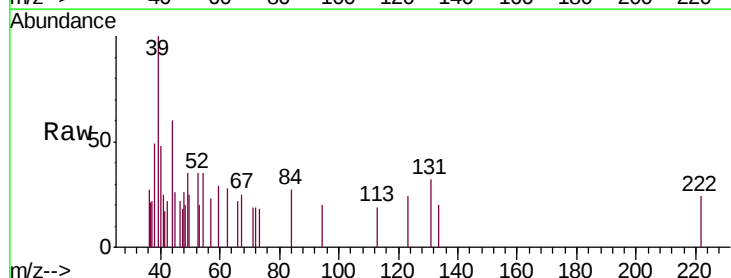
Acq: 15 Jan 2019 22:16

Tgt Ion: 63 Resp: 91

Ion Ratio Lower Upper

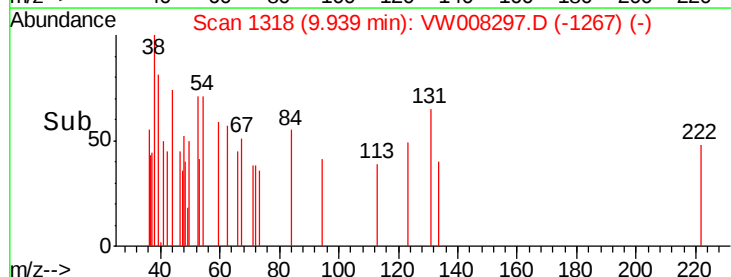
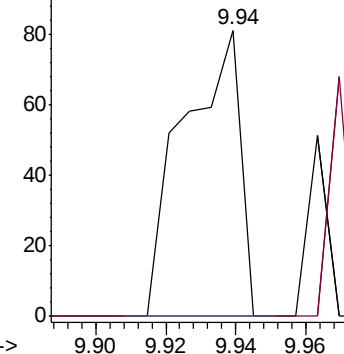
63 100

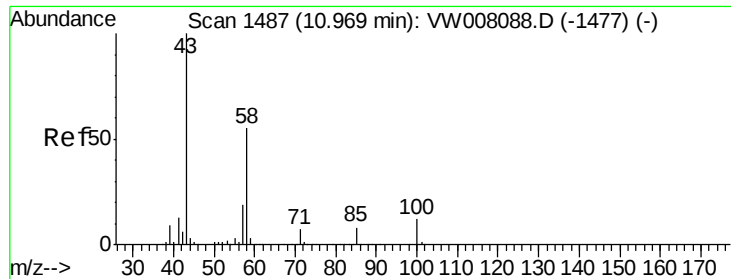
106 0.0 21.8 32.6#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

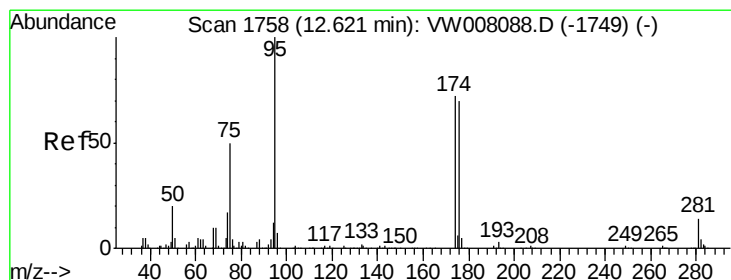
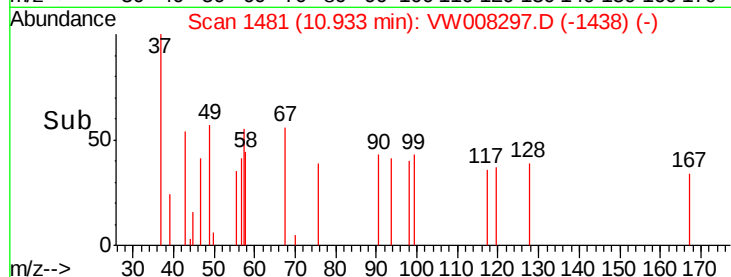
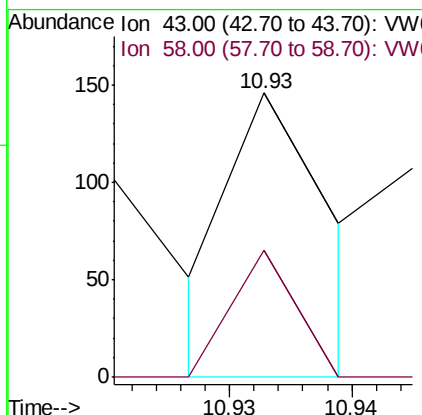
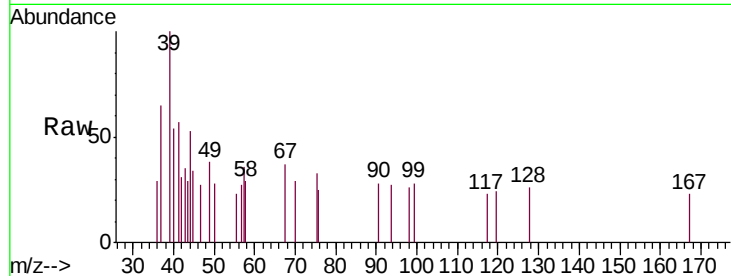




#59
2-Hexanone
Concen: 1.979 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

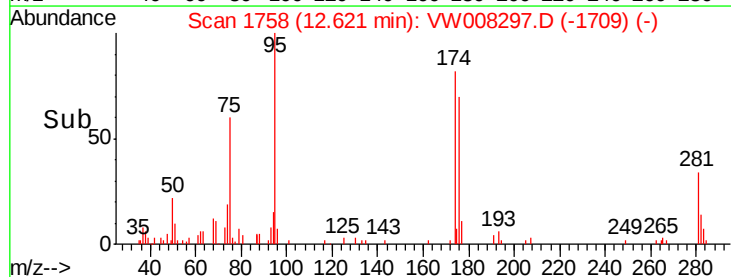
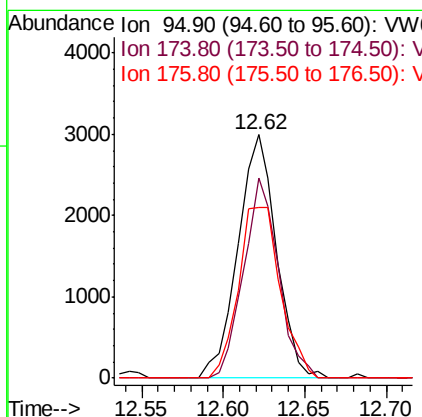
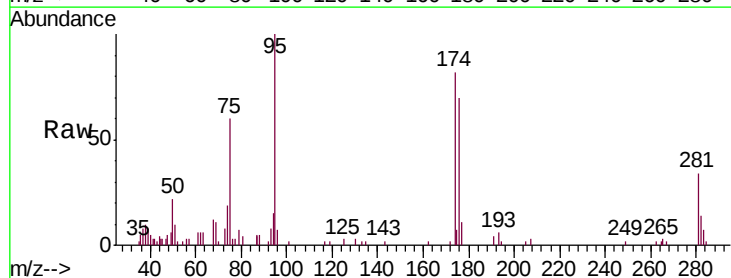
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-B

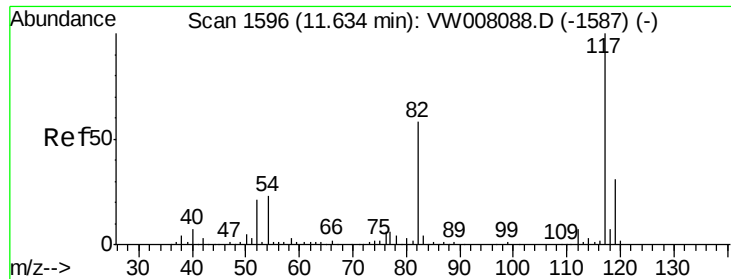
Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
58 29.3 27.2 81.5



#62
4-Bromofluorobenzene
Concen: 36.455 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

Tgt Ion: 95 Resp: 4908
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.0
176 76.9 0.0 140.2

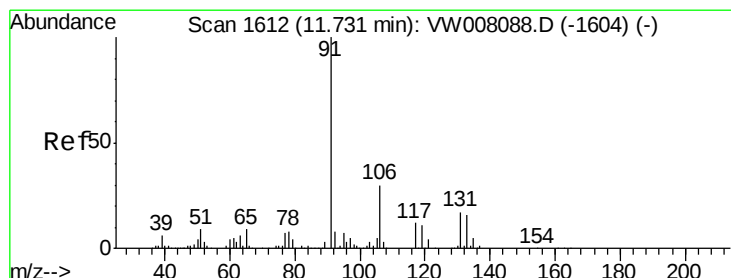
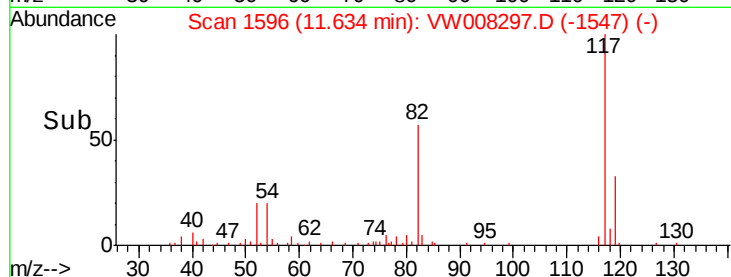
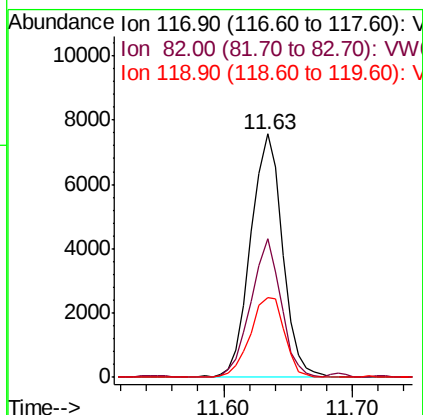
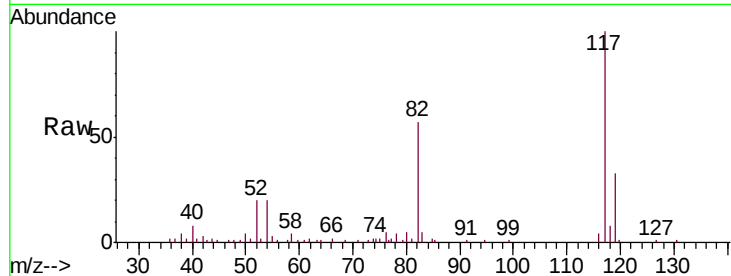




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

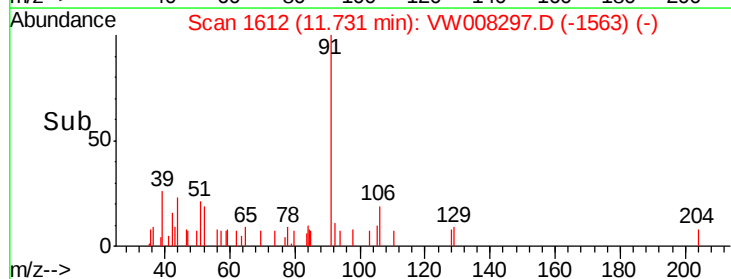
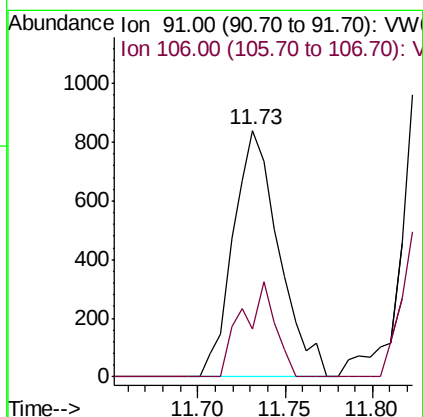
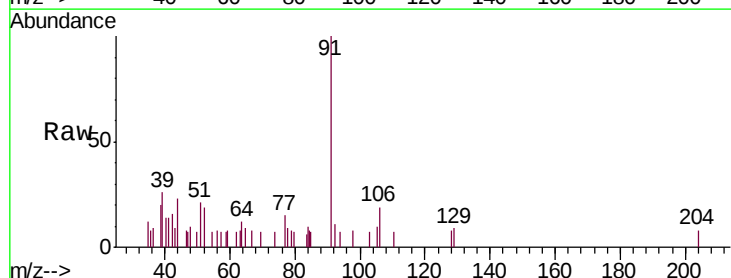
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-B

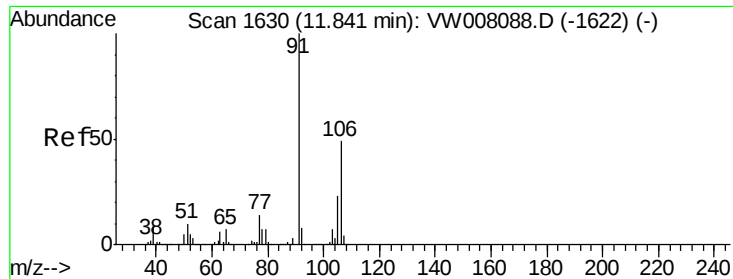
Tgt Ion: 117 Resp: 12888
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 32.9 24.7 37.1



#67
Ethyl Benzene
Concen: 3.061 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

Tgt Ion: 91 Resp: 1529
Ion Ratio Lower Upper
91 100
106 19.4 24.2 36.4#





#68

m/p-Xylenes

Concen: 10.598 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampled :

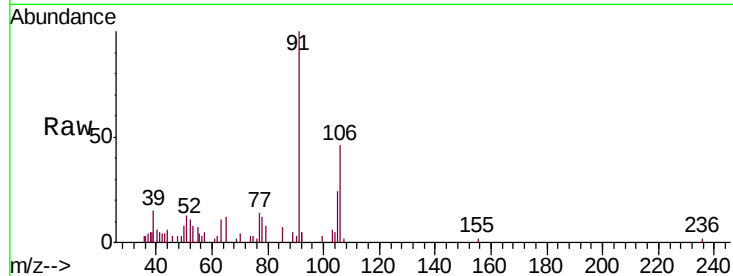
EO-01-011518-B

Tgt Ion:106 Resp: 2021

Ion Ratio Lower Upper

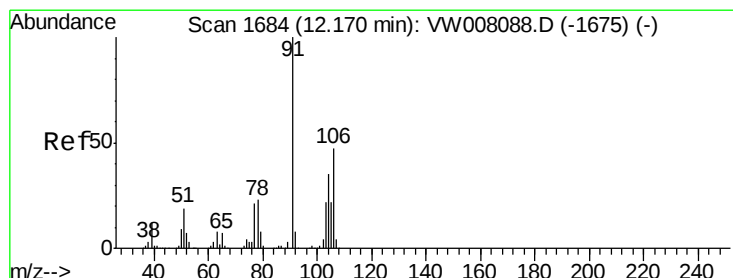
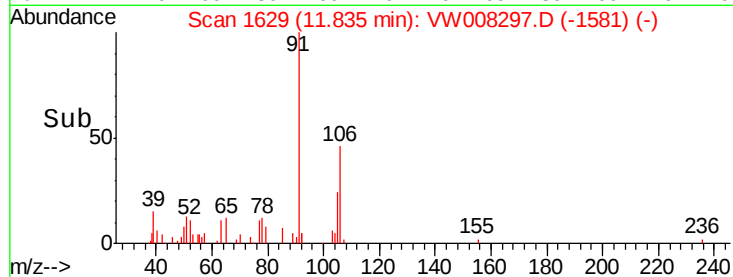
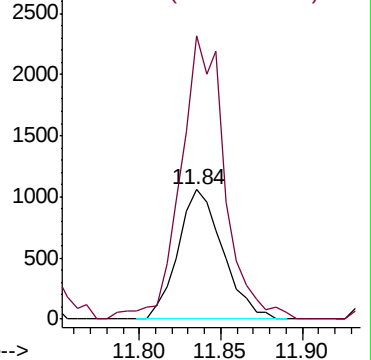
106 100

91 217.1 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 5.686 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW008297.D

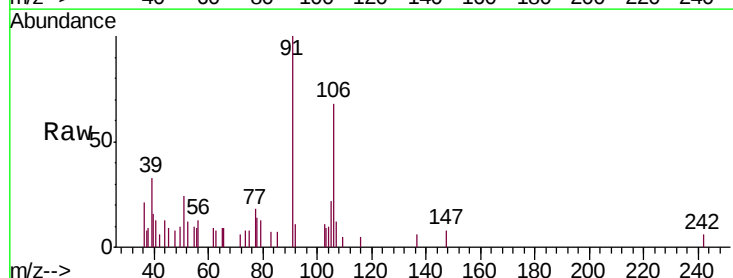
Acq: 15 Jan 2019 22:16

Tgt Ion:106 Resp: 1004

Ion Ratio Lower Upper

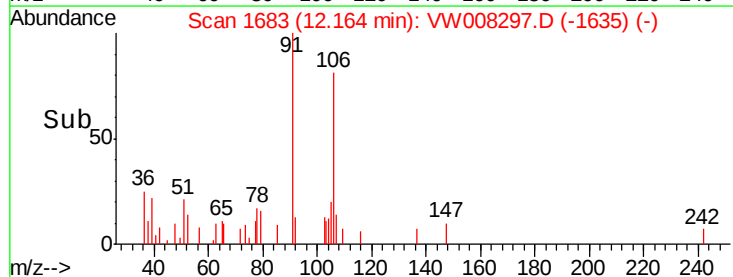
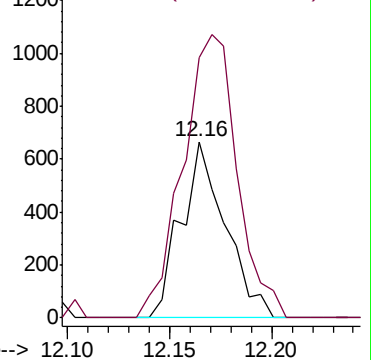
106 100

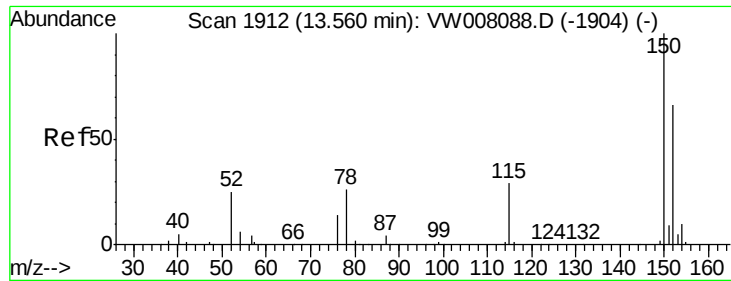
91 198.3 107.8 323.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-B

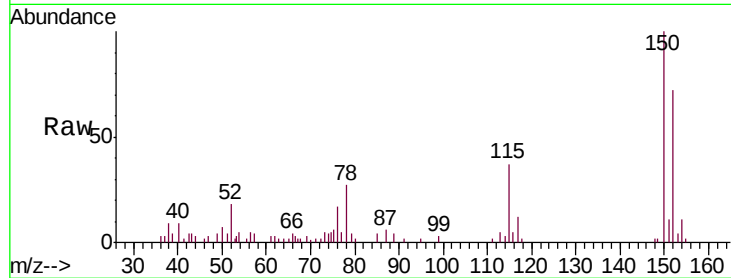
Tgt Ion:152 Resp: 4390

Ion Ratio Lower Upper

152 100

115 58.4 30.8 92.4

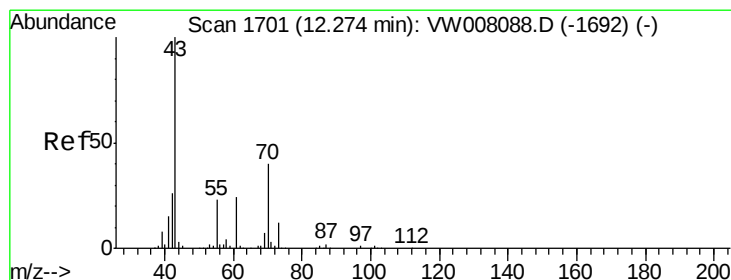
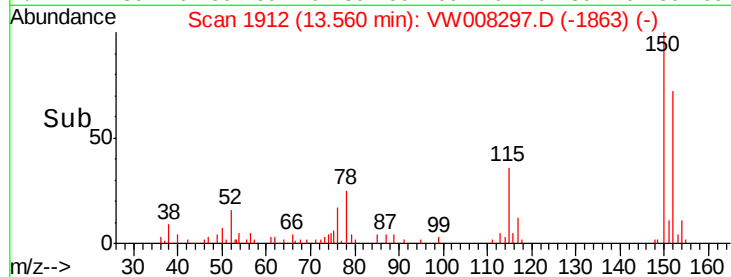
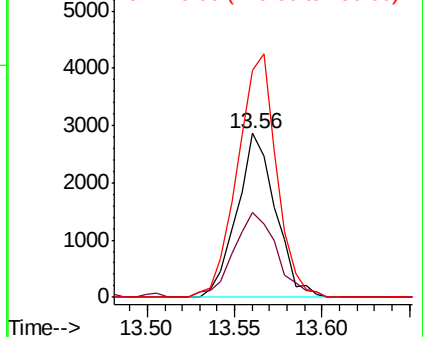
150 149.8 0.0 350.2



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



#74

N-ethyl acetate

Concen: 2.922 ug/l

RT: 12.24 min Scan# 1696

Delta R.T. -0.03 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Tgt Ion: 43 Resp: 223

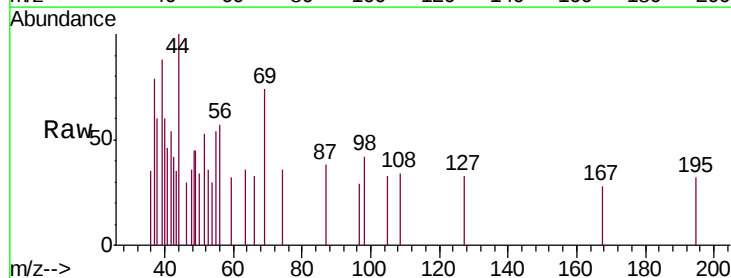
Ion Ratio Lower Upper

43 100

70 17.9 32.4 48.6#

55 83.4 18.7 28.1#

61 0.0 19.0 28.6#

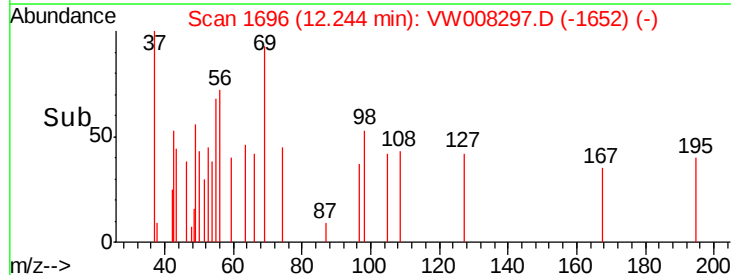
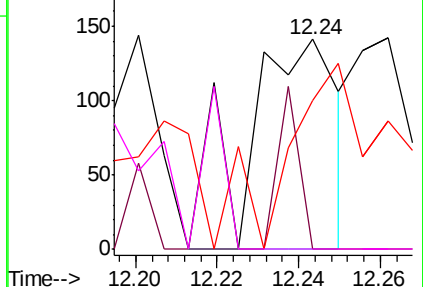


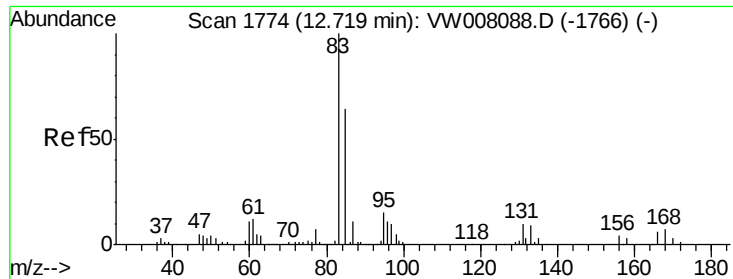
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.849 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

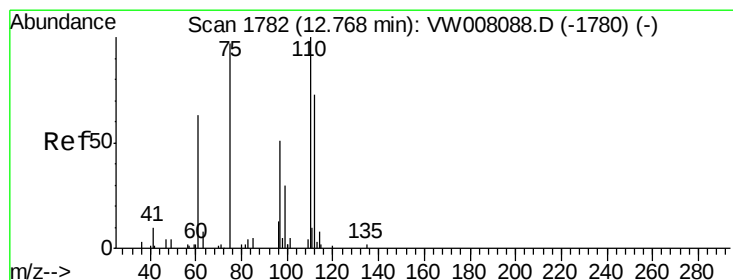
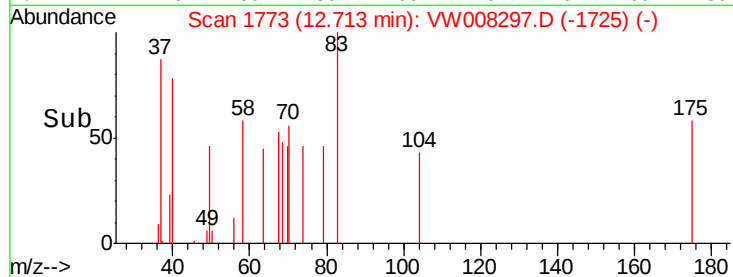
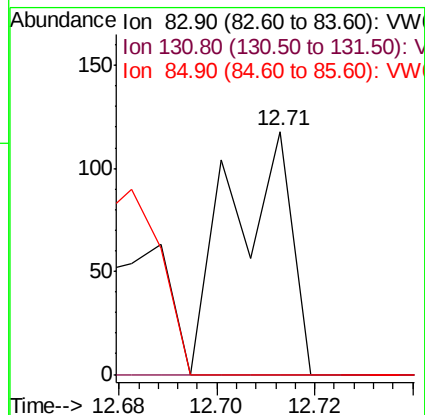
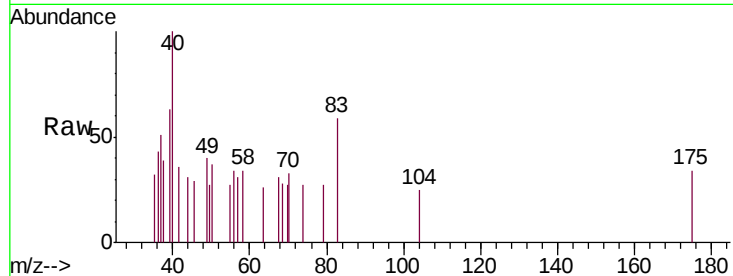
Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-B

Tgt Ion:	83	Resp:	102
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: 66.293 ug/l

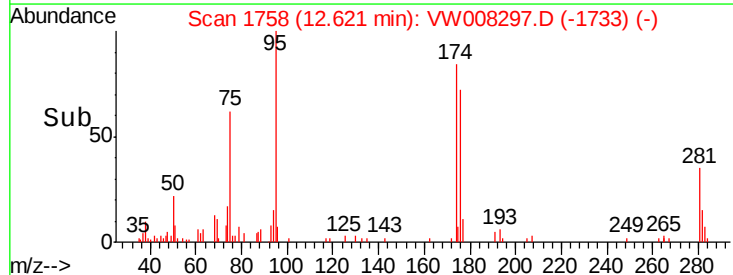
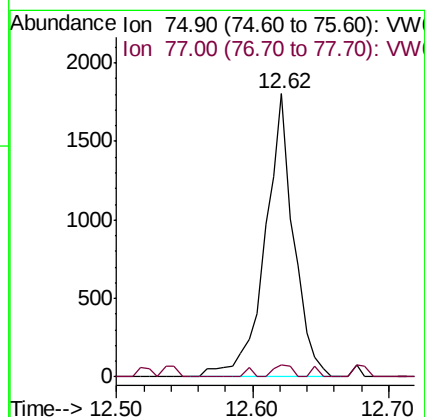
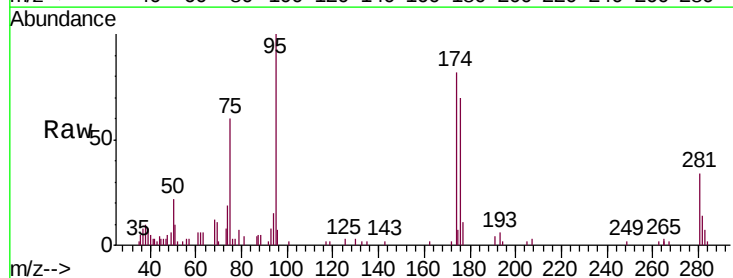
RT: 12.62 min Scan# 1758

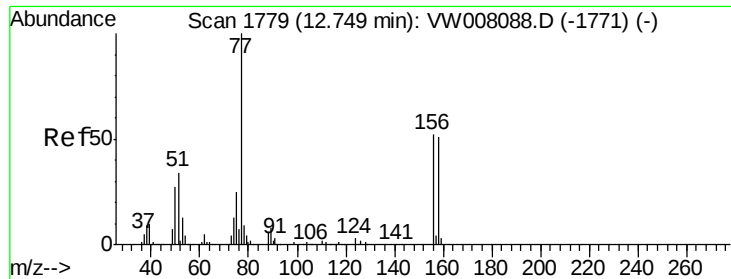
Delta R.T. -0.15 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Tgt Ion:	75	Resp:	2653
Ion	Ratio	Lower	Upper
75	100		
77	2.8	179.4	538.2#





#77

Bromobenzene

Concen: 1.648 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. 0.12 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-B

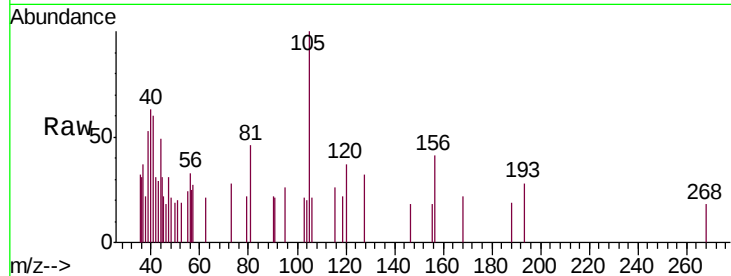
Tgt Ion:156 Resp: 120

Ion Ratio Lower Upper

156 100

77 34.2 104.2 312.5#

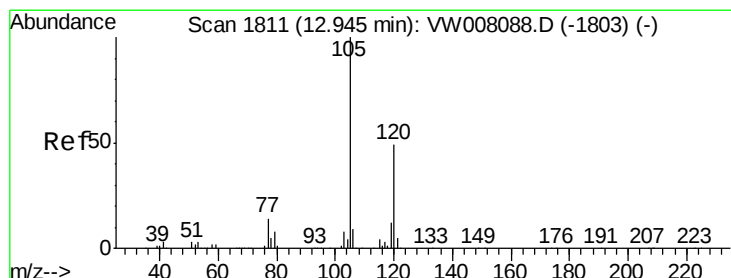
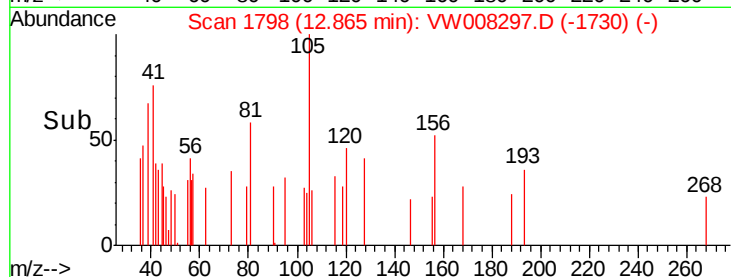
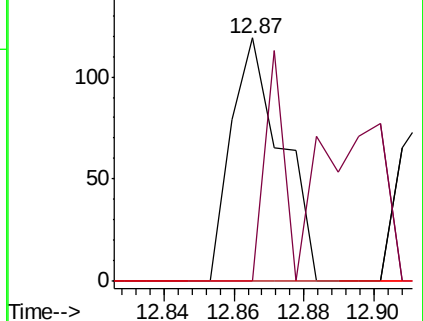
158 0.0 47.9 143.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 2.454 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW008297.D

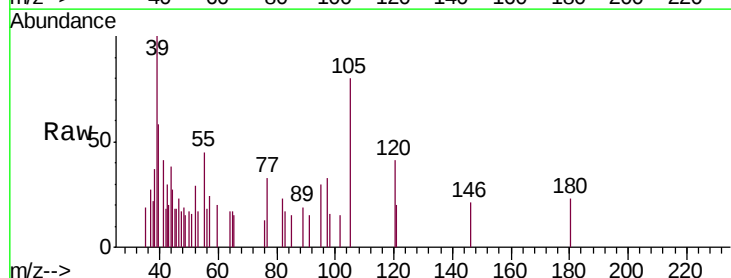
Acq: 15 Jan 2019 22:16

Tgt Ion:105 Resp: 695

Ion Ratio Lower Upper

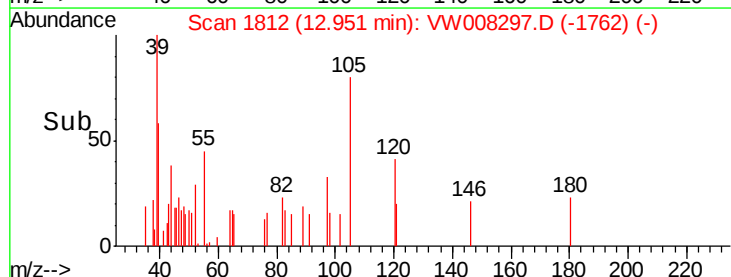
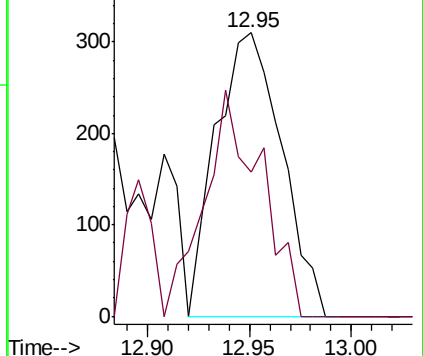
105 100

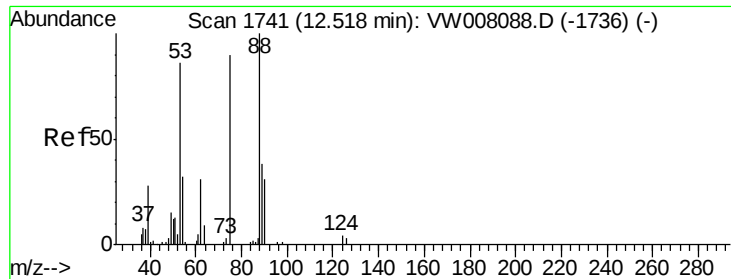
120 68.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 154.375 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-B

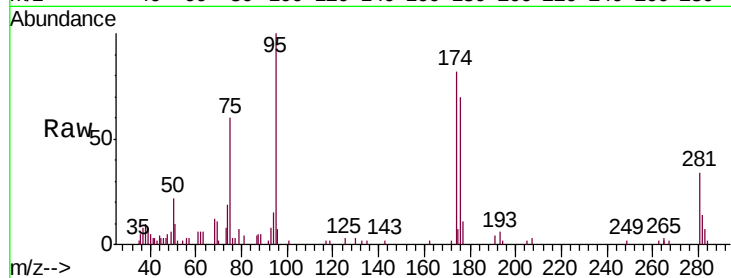
Tgt Ion: 75 Resp: 2653

Ion Ratio Lower Upper

75 100

53 3.7 78.8 118.2#

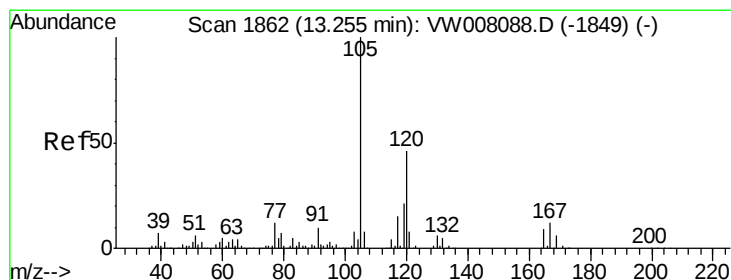
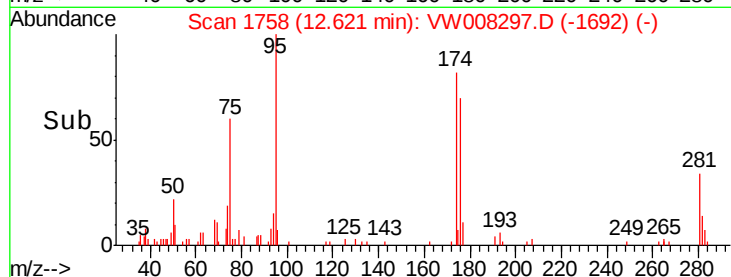
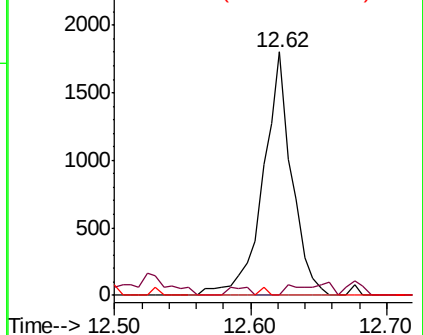
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#84

1,2,4-Trimethylbenzene

Concen: 4.361 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008297.D

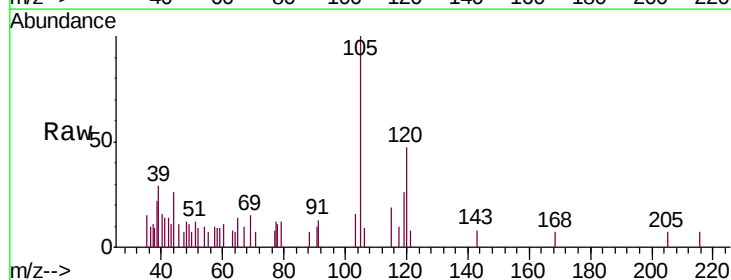
Acq: 15 Jan 2019 22:16

Tgt Ion: 105 Resp: 1274

Ion Ratio Lower Upper

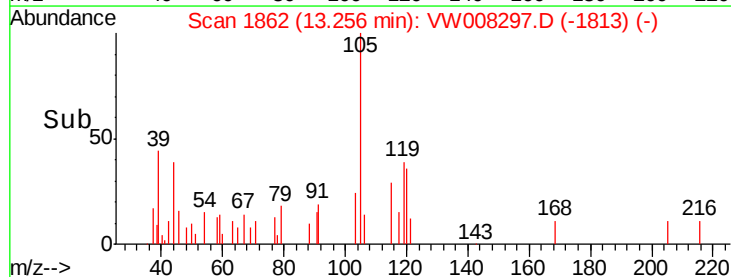
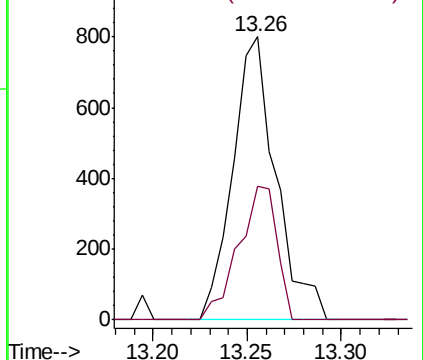
105 100

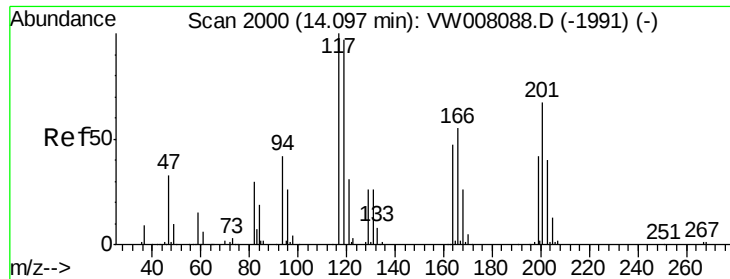
120 41.8 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 1.980 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

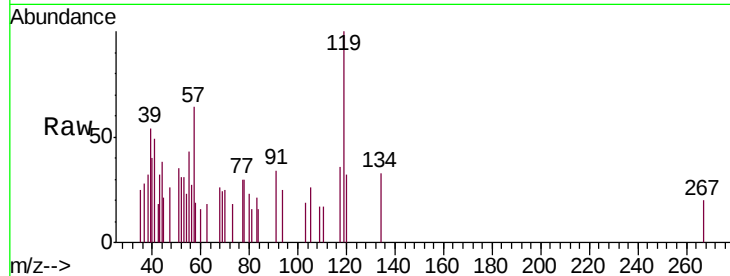
EO-01-011518-B

Tgt Ion: 117 Resp: 106

Ion Ratio Lower Upper

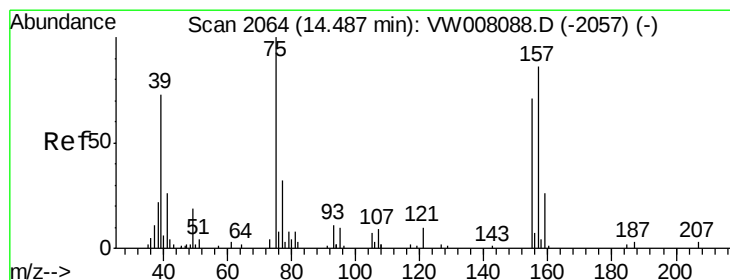
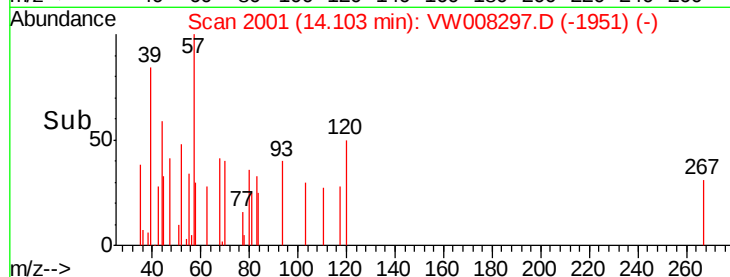
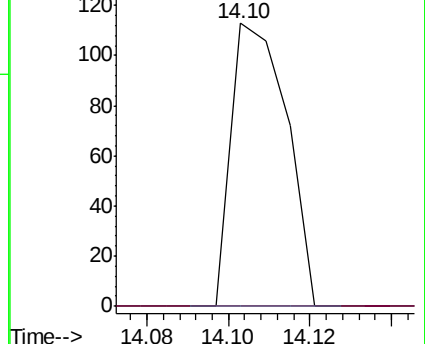
117 100

201 0.0 33.0 98.9#



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: 2.365 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

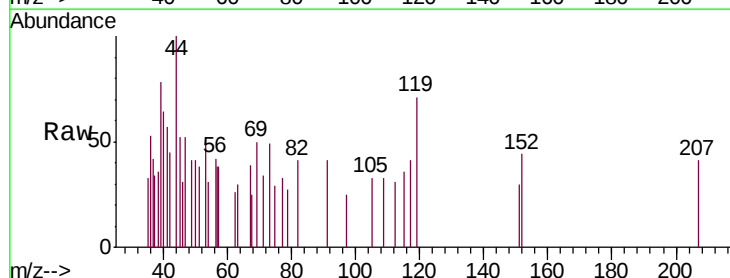
Tgt Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

155 104.8 38.6 115.7

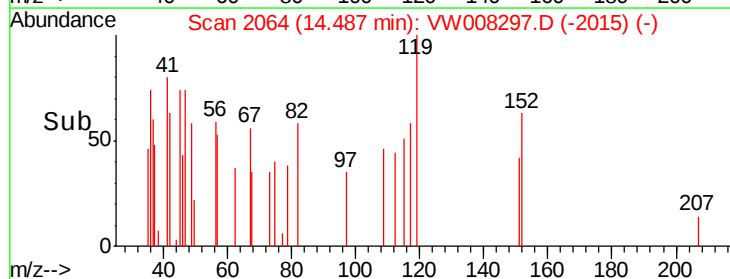
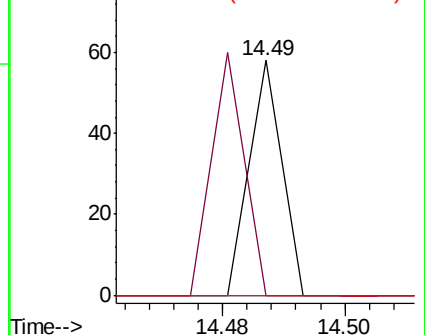
157 0.0 47.5 142.6#

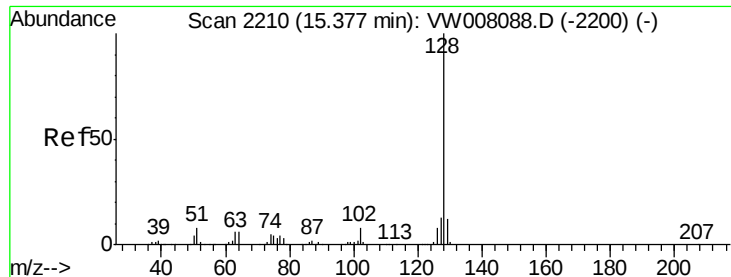


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

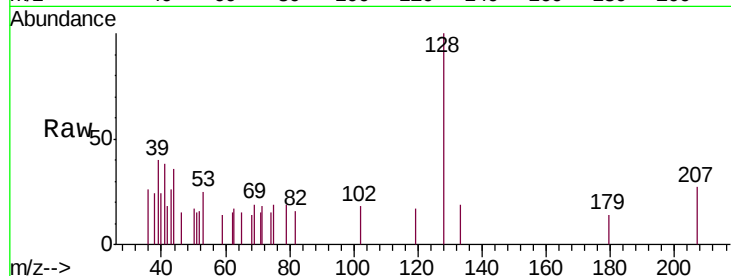




#95
Naphthalene
Concen: 4.666 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	3.1	11.0	16.4#
129	7.9	9.0	13.6#



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

