

Data File : VW008296.D
Acq On : 15 Jan 2019 21:49
Operator : SY/VA
Sample : K1012-07
Misc : 4.62G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jan 16 00:56:55 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	51704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	86712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	74046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	26100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	29406	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	7.88	113	27524	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
50) Toluene-d8	10.32	98	108948	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.62	95	31387	41.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.50%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.27	59	142	Below Cal	#	100
13) Acrolein	3.90	56	408	9.104	ug/l #	14
15) Acrylonitrile	5.35	53	222	1.776	ug/l #	53
16) Acetone	4.12	43	14296	126.408	ug/l #	85
18) Methyl Acetate	4.67	43	392	1.067	ug/l	99
20) Methylene Chloride	4.90	84	9083	12.245	ug/l	91
25) 2-Butanone	7.15	43	4861	30.065	ug/l #	78
26) 2,2-Dichloropropane	7.14	77	4447	5.745	ug/l #	55
29) Tetrahydrofuran	7.52	42	354	3.278	ug/l #	92
31) Cyclohexane	7.94	56	2794	2.285	ug/l #	61
38) Carbon Tetrachloride	7.95	117	5341	6.533	ug/l #	18
39) Methylcyclohexane	9.34	83	4182	3.692	ug/l	95
40) Benzene	8.32	78	5383	2.222	ug/l	97
49) 1,4-Dioxane	9.51	88	21	4.426	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	411	1.187	ug/l #	14
52) Toluene	10.39	92	35405	22.883	ug/l	100
55) 1,1,2-Trichloroethane	10.76	97	9627	23.242	ug/l #	20
56) Ethyl methacrylate	10.66	69	2755	5.371	ug/l #	20
59) 2-Hexanone	11.04	43	2487	10.619	ug/l	66
67) Ethyl Benzene	11.73	91	45905	15.993	ug/l	96
68) m/p-Xylenes	11.83	106	87405	79.780	ug/l	97
69) o-Xylene	12.17	106	39924	39.352	ug/l	97
70) Styrene	12.17	104	3052	1.921	ug/l #	1
73) Isopropylbenzene	12.46	105	17333	8.459	ug/l	98
74) N-amyl acetate	12.26	43	6023	13.273	ug/l #	52
76) 1,2,3-Trichloropropane	12.87	75	709	2.980	ug/l #	1
78) n-propylbenzene	12.81	91	30512	12.153	ug/l	98
79) 2-Chlorotoluene	12.87	91	7219	5.154	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.94	105	29418	17.471	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	16063	157.214	ug/l #	13
82) 4-Chlorotoluene	12.94	91	3719	2.521	ug/l #	50
84) 1,2,4-Trimethylbenzene	13.26	105	72425	41.703	ug/l	98
85) sec-Butylbenzene	13.38	105	8639	3.959	ug/l #	70
86) p-Isopropyltoluene	13.50	119	5990	3.179	ug/l	94

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

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QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

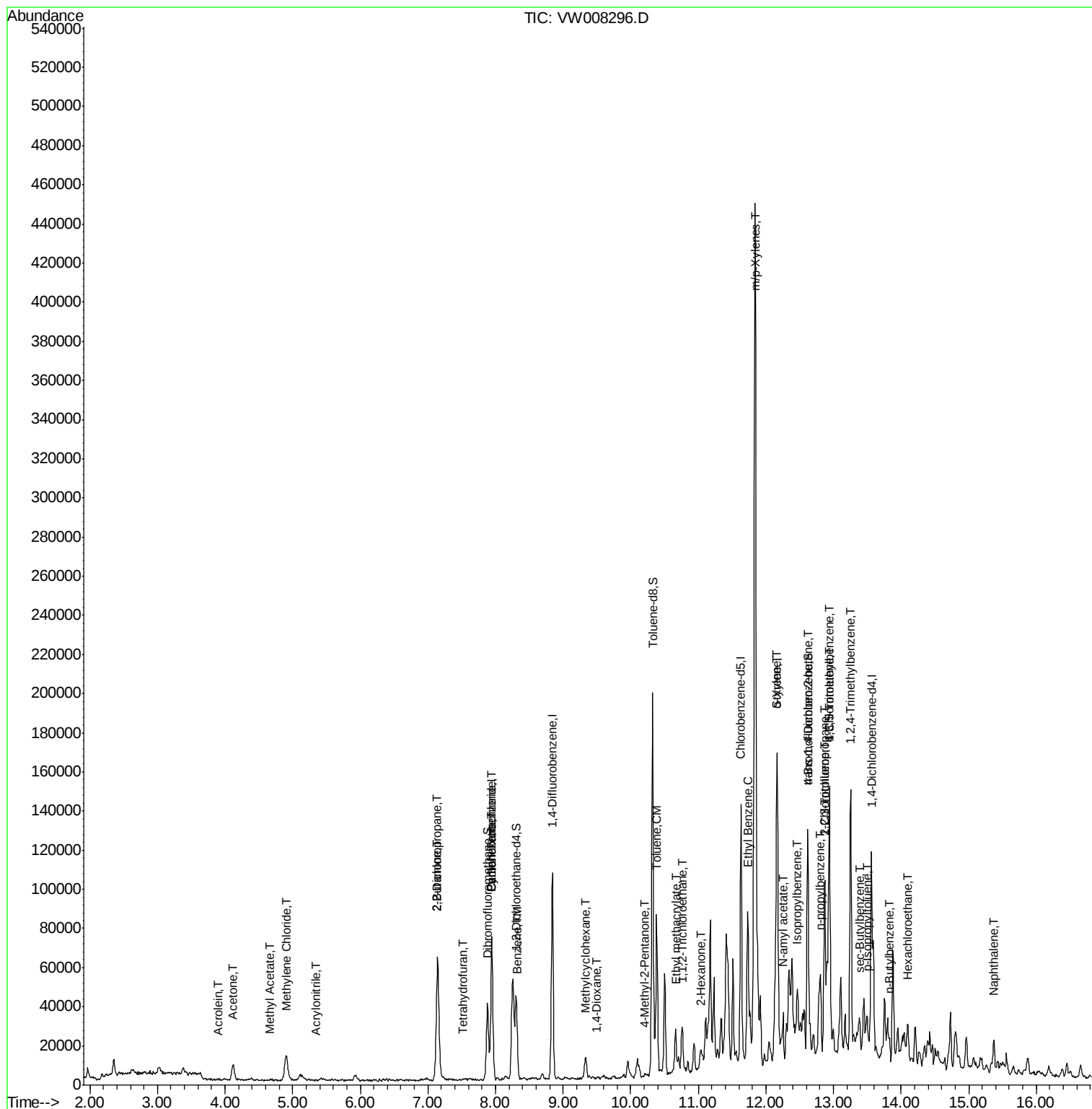
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.83	91	7355	3.985	ug/l #	75
90) Hexachloroethane	14.10	117	982	3.085	ug/l #	17
95) Naphthalene	15.37	128	14918	15.590	ug/l	96

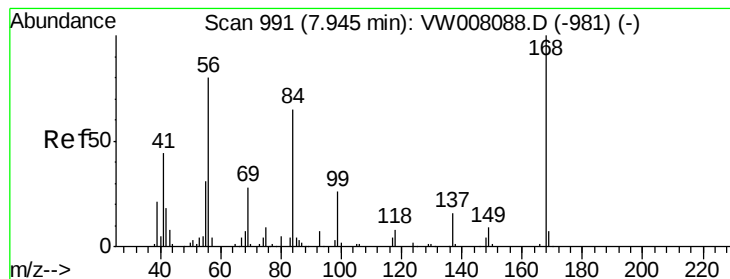
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

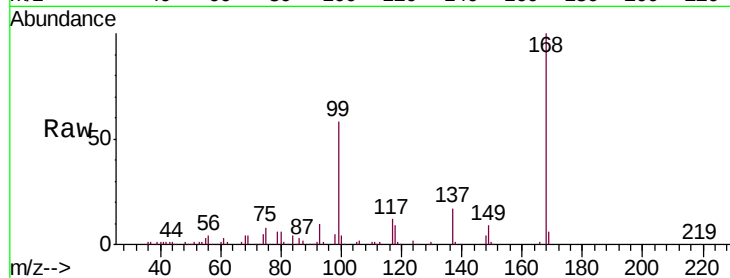
EO-01-011518-A

Tgt Ion:168 Resp: 51704

Ion Ratio Lower Upper

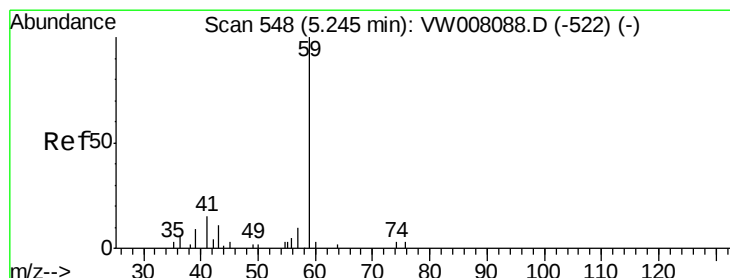
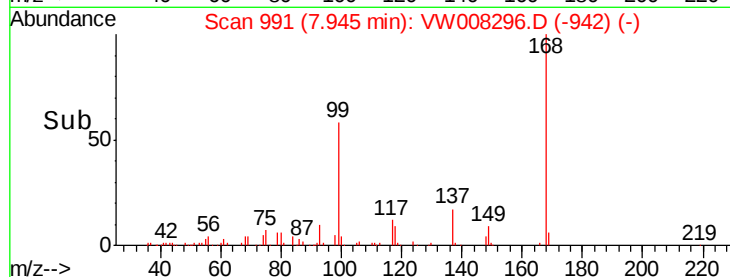
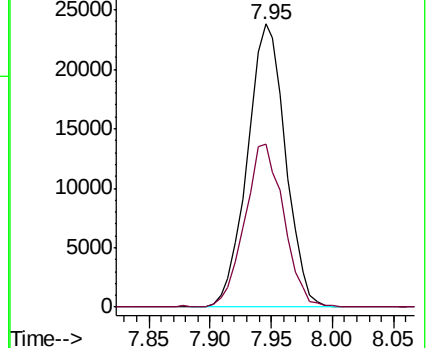
168 100

99 57.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.27 min Scan# 552

Delta R.T. 0.02 min

Lab File: VW008296.D

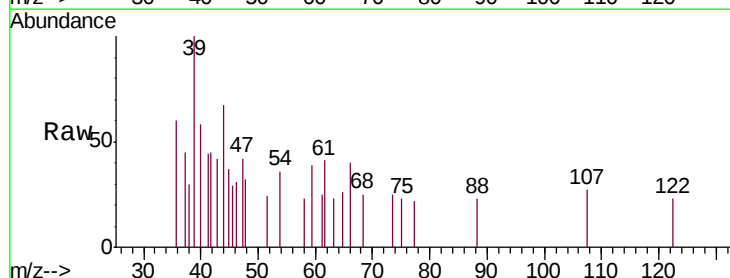
Acq: 15 Jan 2019 21:49

Tgt Ion: 59 Resp: 142

Ion Ratio Lower Upper

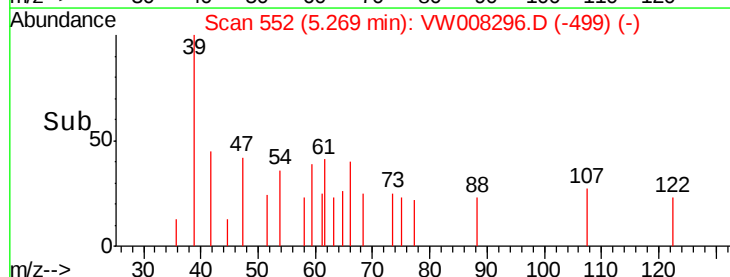
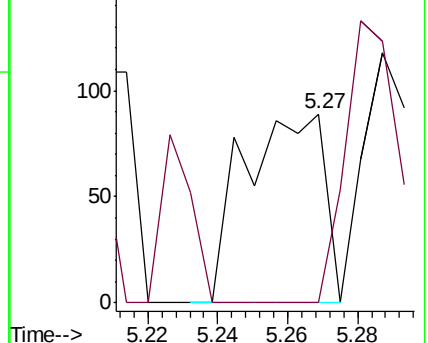
59 100

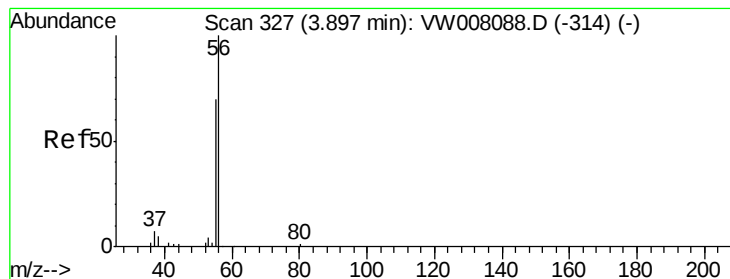
57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 9.104 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

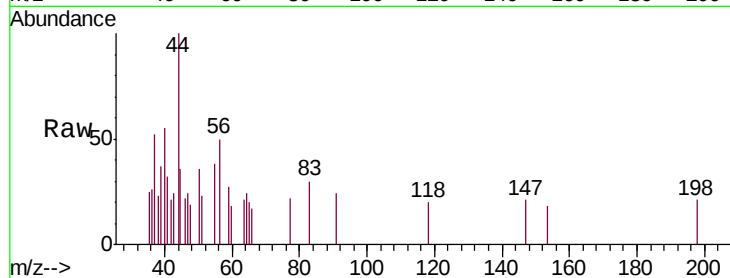
EO-01-011518-A

Tgt Ion: 56 Resp: 408

Ion Ratio Lower Upper

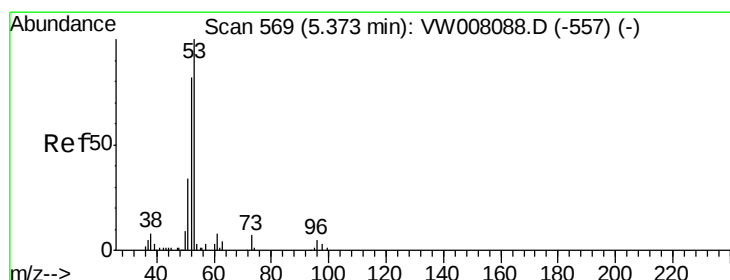
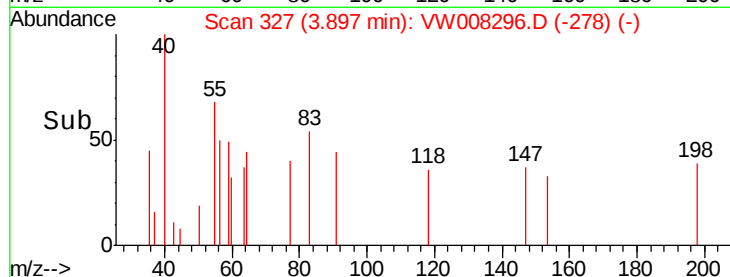
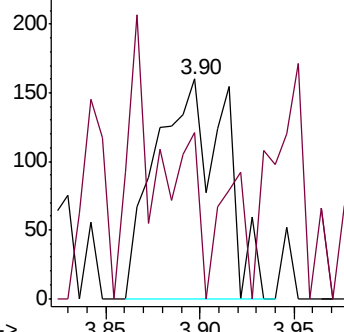
56 100

55 0.0 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#15

Acrylonitrile

Concen: 1.776 ug/l

RT: 5.35 min Scan# 565

Delta R.T. -0.02 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

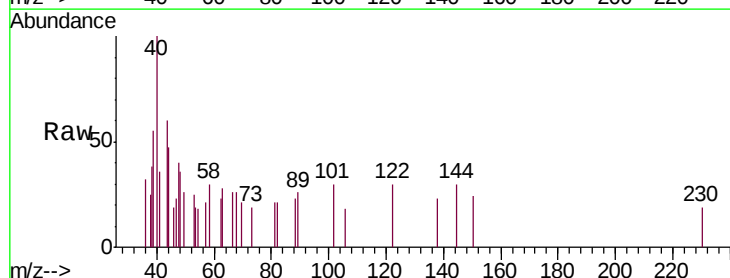
Tgt Ion: 53 Resp: 222

Ion Ratio Lower Upper

53 100

52 30.2 66.8 100.2#

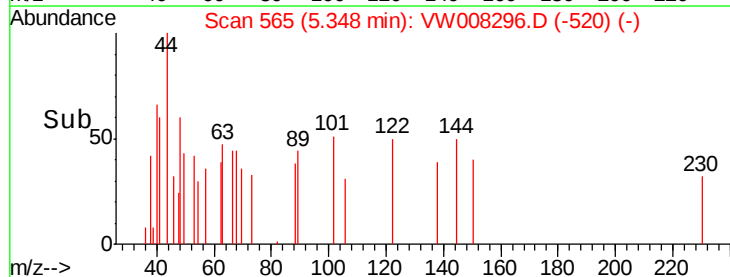
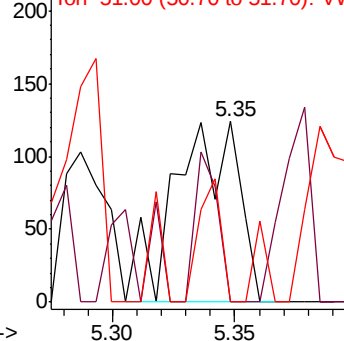
51 24.3 29.7 44.5#

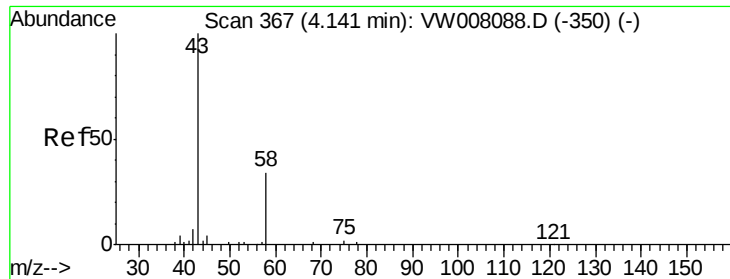


Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW





#16

Acetone

Concen: 126.408 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampled :

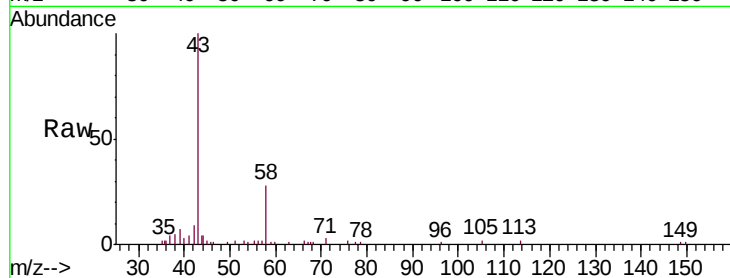
EO-01-011518-A

Tgt Ion: 43 Resp: 14296

Ion Ratio Lower Upper

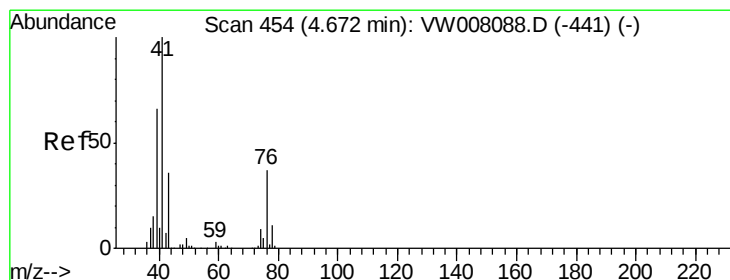
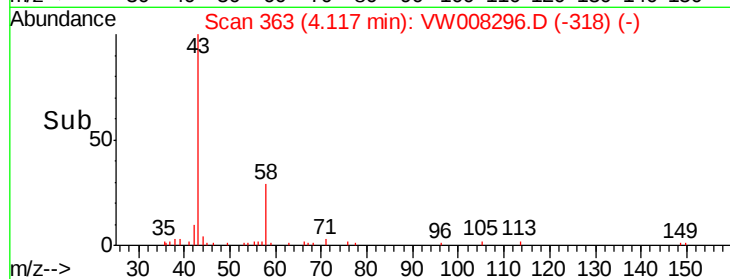
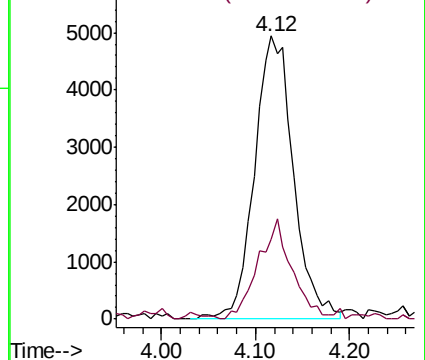
43 100

58 25.8 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.067 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008296.D

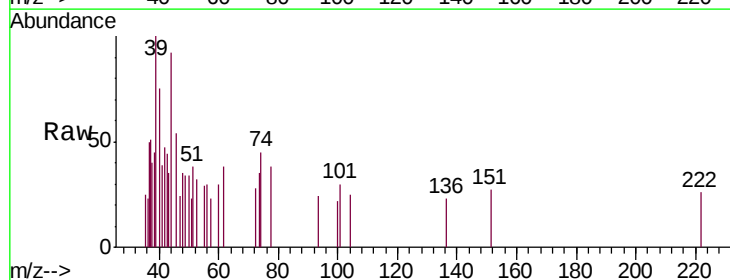
Acq: 15 Jan 2019 21:49

Tgt Ion: 43 Resp: 392

Ion Ratio Lower Upper

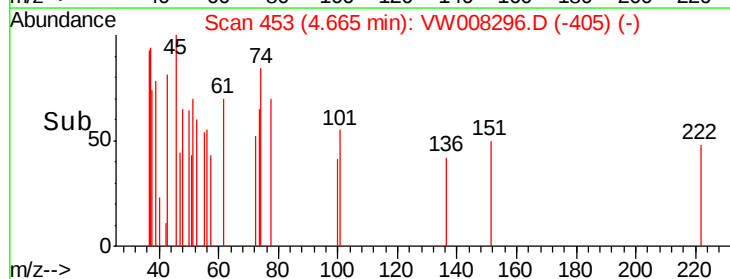
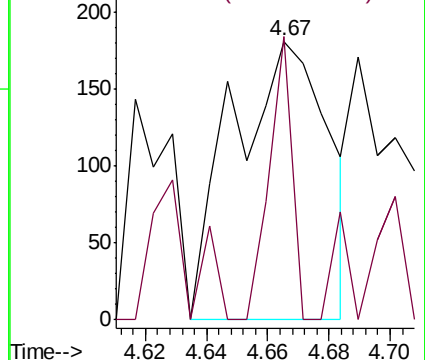
43 100

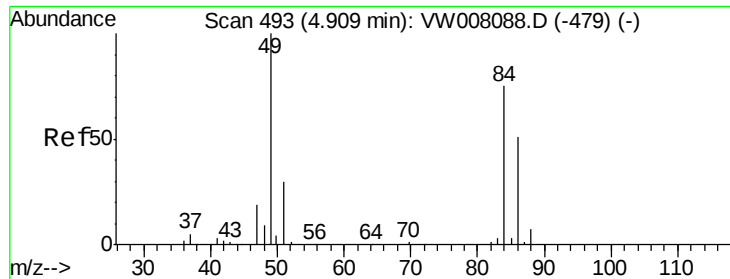
74 24.2 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

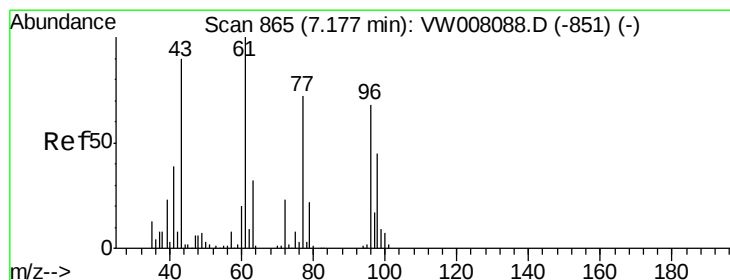
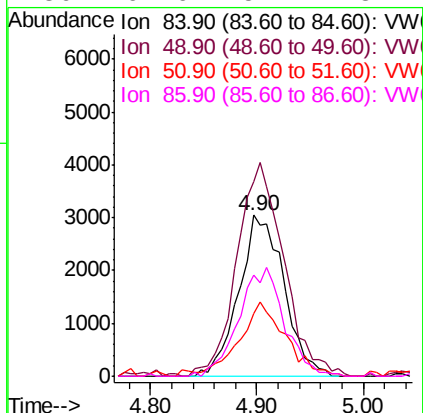
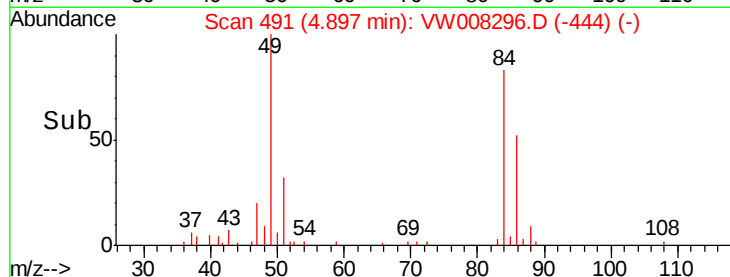
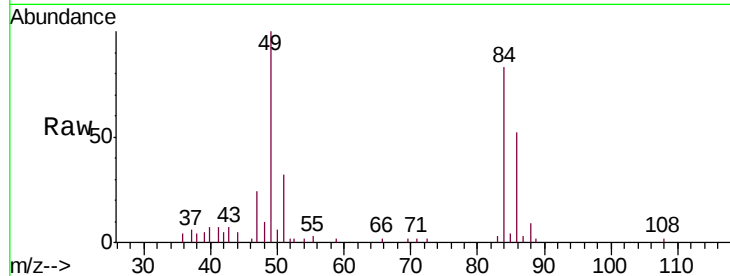




#20
Methylene Chloride
Concen: 12.245 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

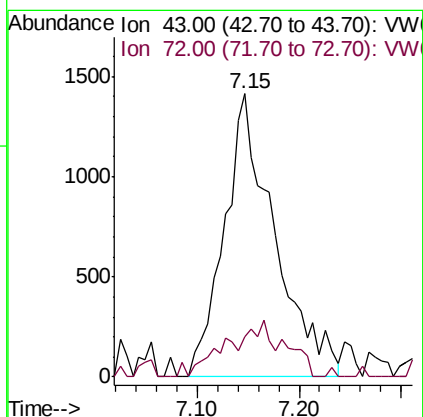
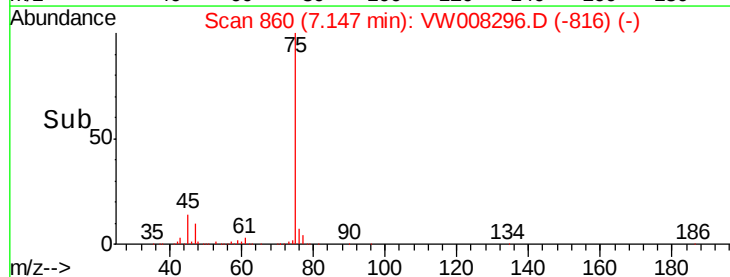
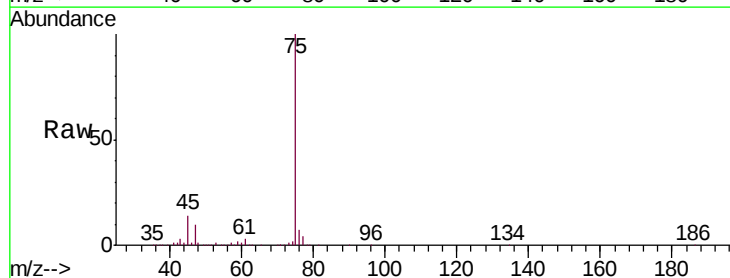
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-A

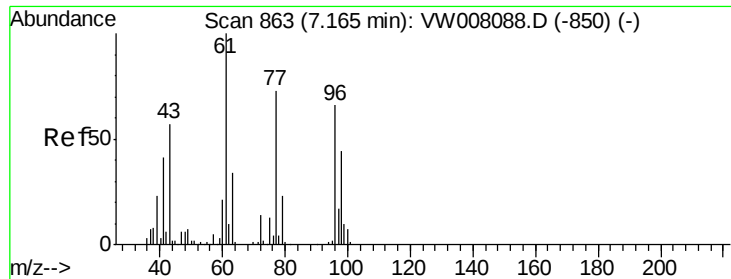
Tgt Ion: 84 Resp: 9083
Ion Ratio Lower Upper
84 100
49 121.2 107.1 160.7
51 37.3 32.4 48.6
86 62.6 54.2 81.4



#25
2-Butanone
Concen: 30.065 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

Tgt Ion: 43 Resp: 4861
Ion Ratio Lower Upper
43 100
72 14.4 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 5.745 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

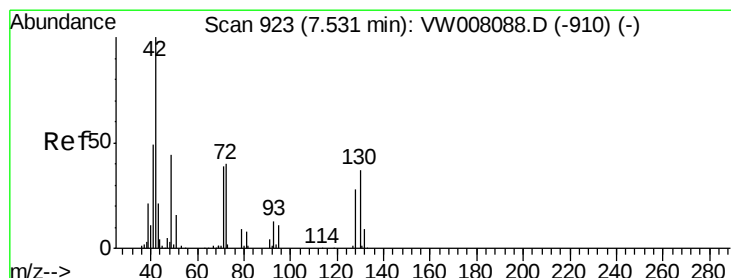
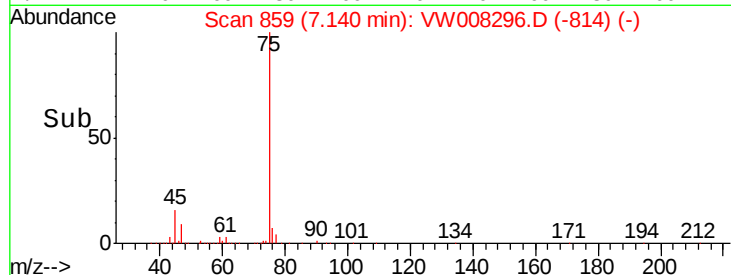
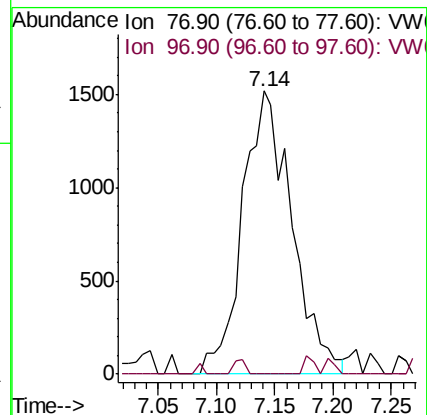
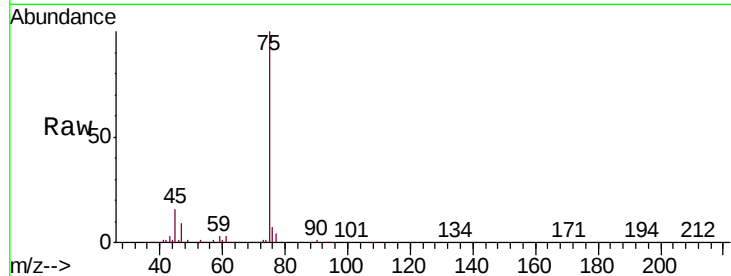
EO-01-011518-A

Tgt Ion: 77 Resp: 4447

Ion Ratio Lower Upper

77 100

97 1.2 11.4 34.1#



#29

Tetrahydrofuran

Concen: 3.278 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.01 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

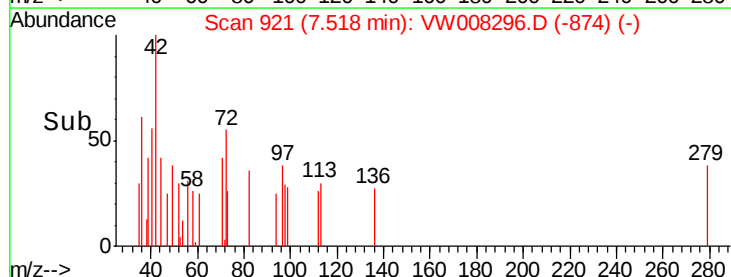
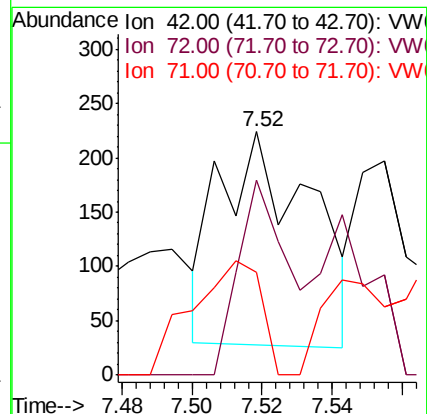
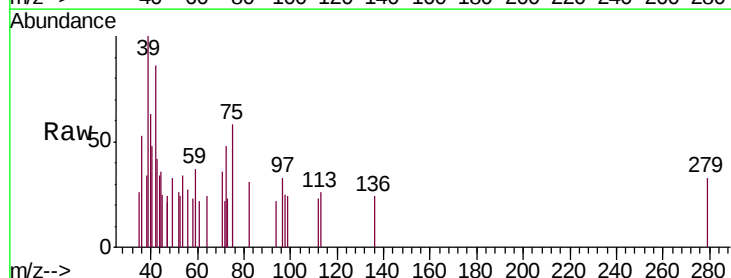
Tgt Ion: 42 Resp: 354

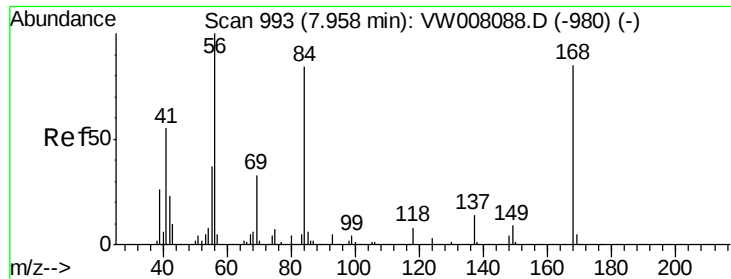
Ion Ratio Lower Upper

42 100

72 49.2 32.4 48.6#

71 40.7 31.3 46.9

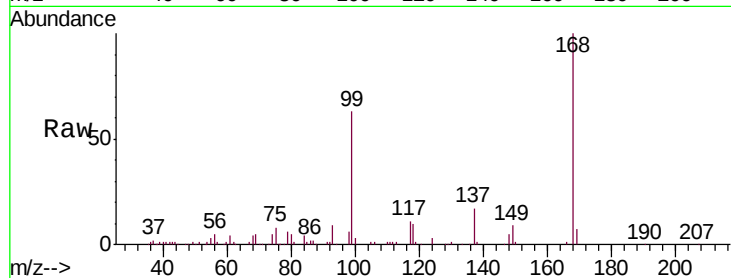




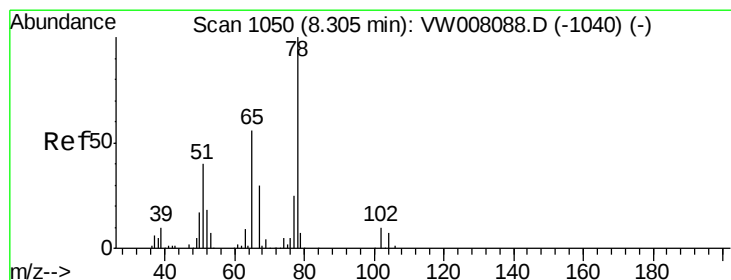
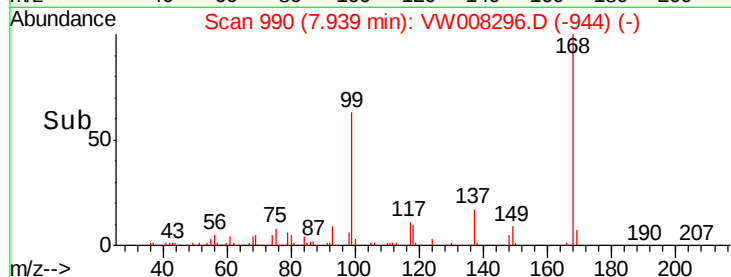
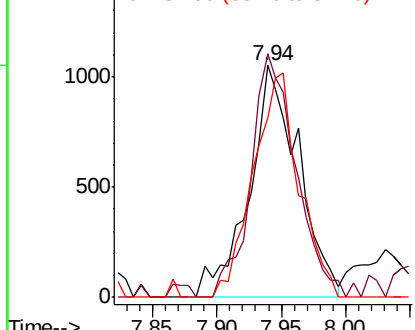
#31
Cyclohexane
Concen: 2.285 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

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

Tgt Ion: 56 Resp: 2794
Ion Ratio Lower Upper
56 100
69 99.9 26.2 39.4#
84 77.5 67.4 101.2

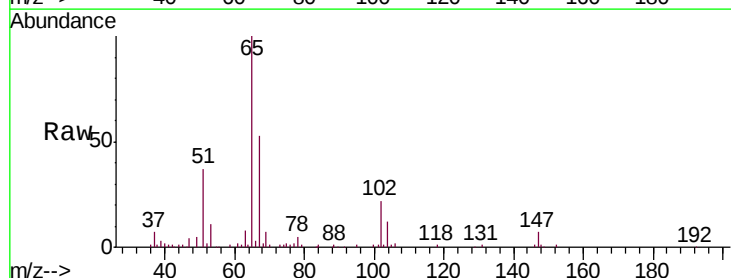


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

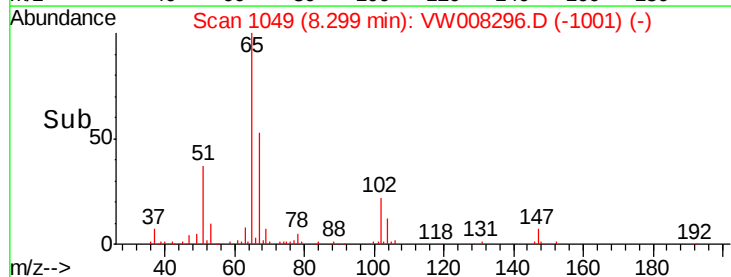
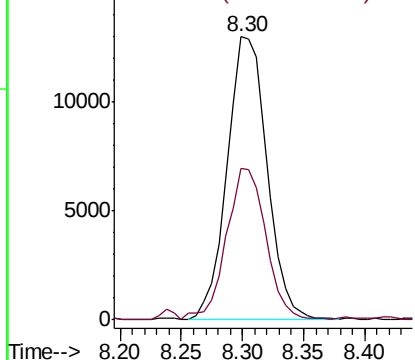


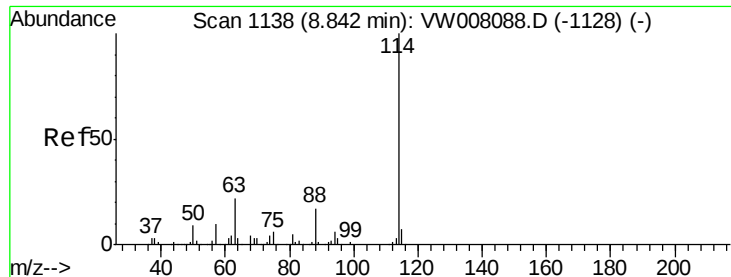
#33
1,2-Dichloroethane-d4
Concen: 50.603 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

Tgt Ion: 65 Resp: 29406
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

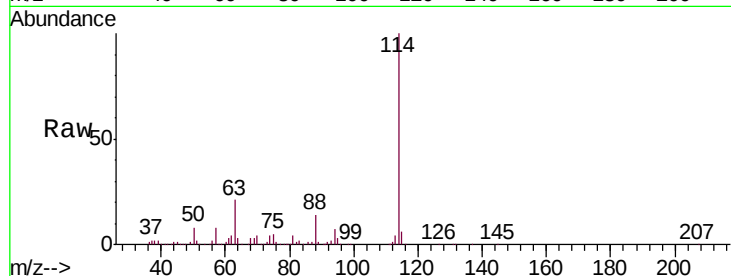




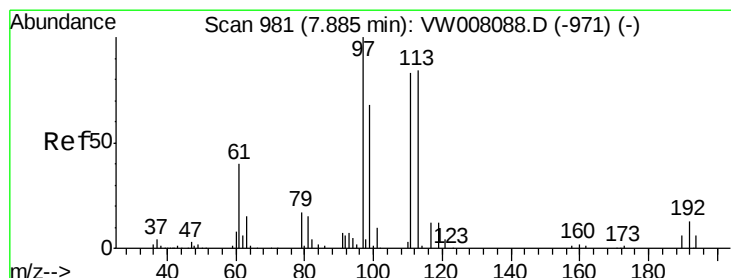
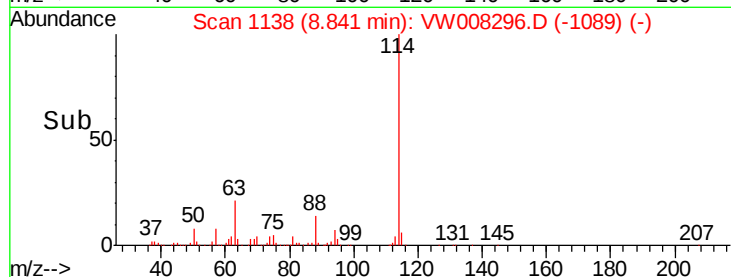
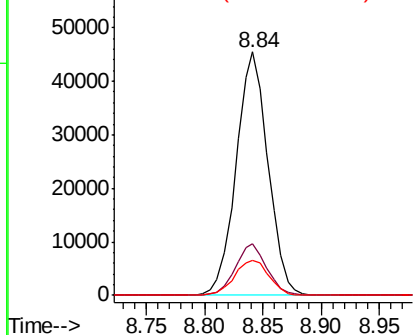
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008296.D
 Acq: 15 Jan 2019 21:49

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

Tgt Ion:114 Resp: 86712
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.4
 88 14.5 0.0 33.4

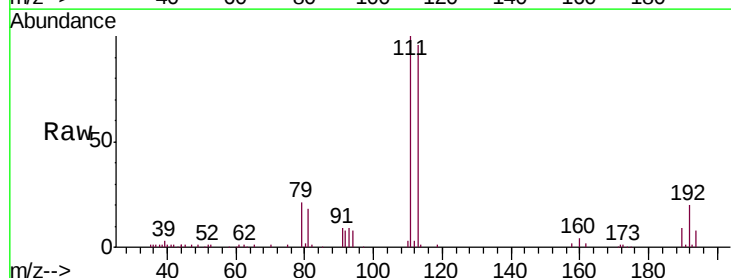


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

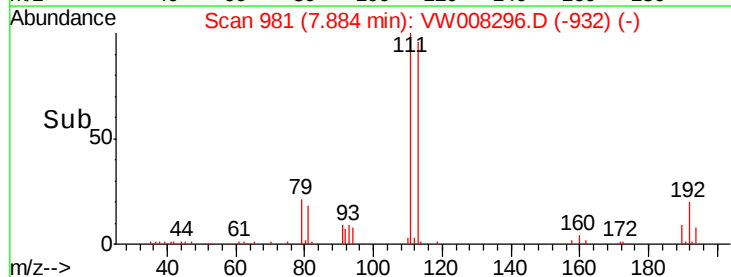
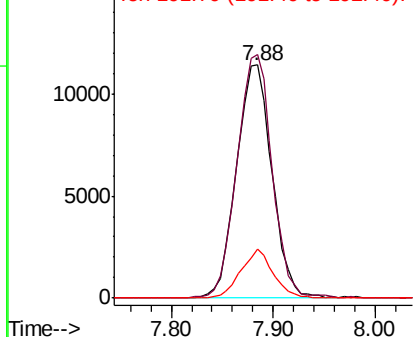


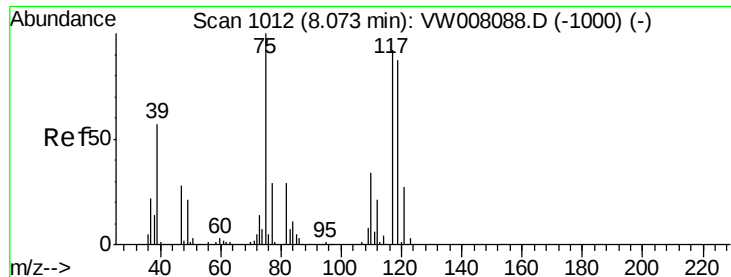
#35
 Dibromofluoromethane
 Concen: 54.423 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008296.D
 Acq: 15 Jan 2019 21:49

Tgt Ion:113 Resp: 27524
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.8
 192 19.1 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

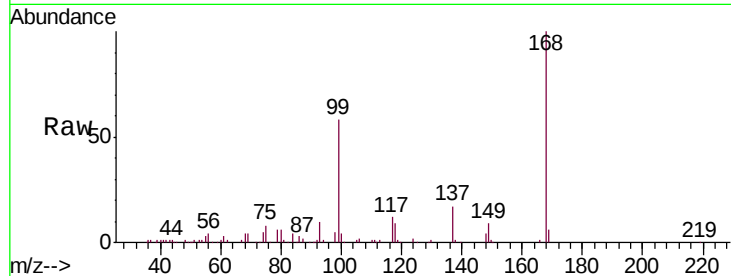




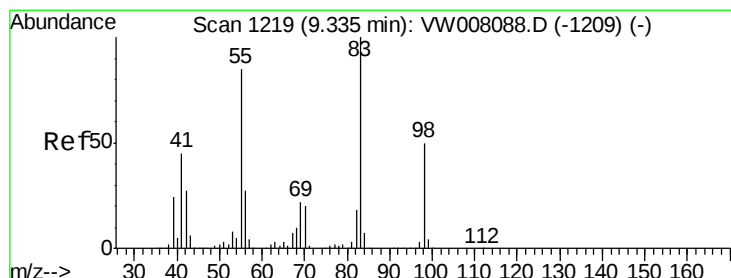
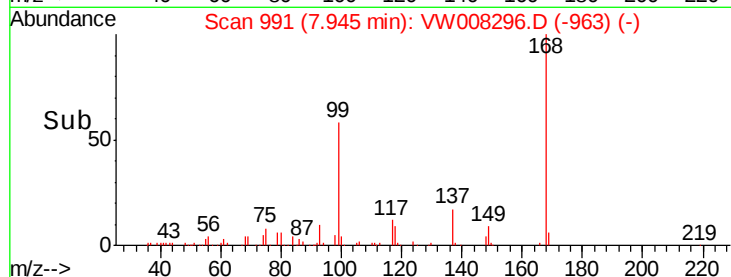
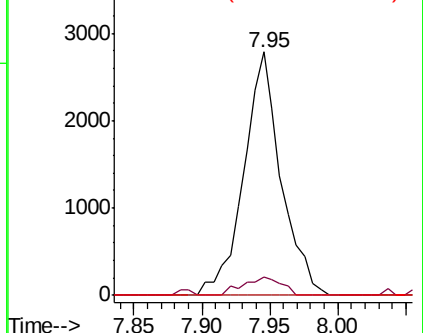
#38
Carbon Tetrachloride
Concen: 6.533 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

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

Tgt Ion:117 Resp: 5341
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.8#
121 0.0 23.7 35.5#

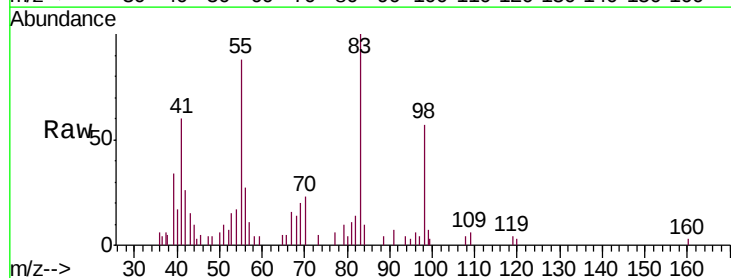


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

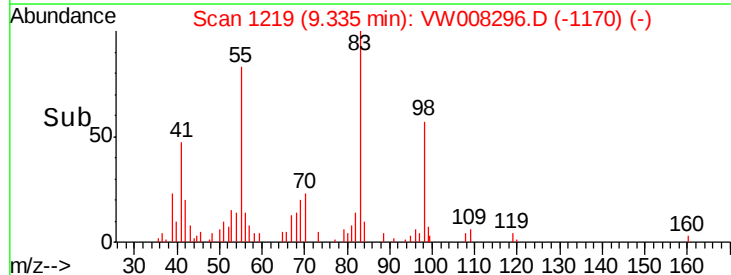
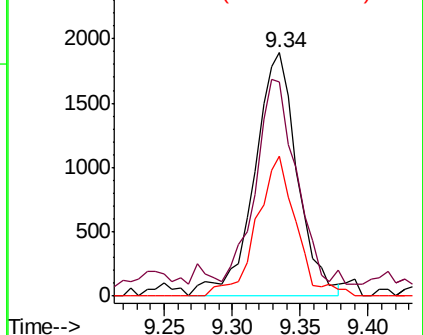


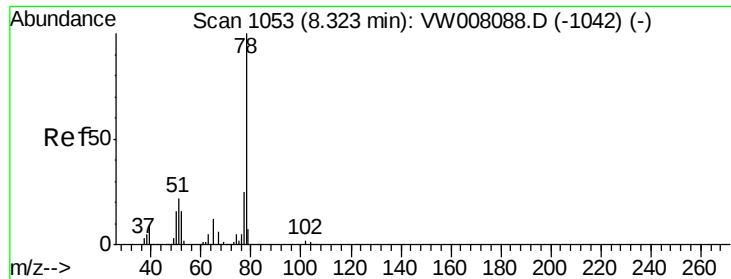
#39
Methylcyclohexane
Concen: 3.692 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

Tgt Ion: 83 Resp: 4182
Ion Ratio Lower Upper
83 100
55 83.5 67.8 101.6
98 57.2 40.2 60.4



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 2.222 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

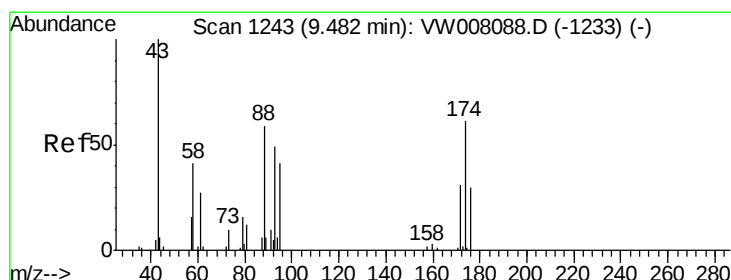
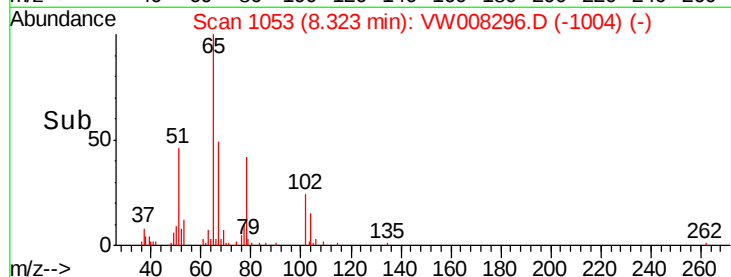
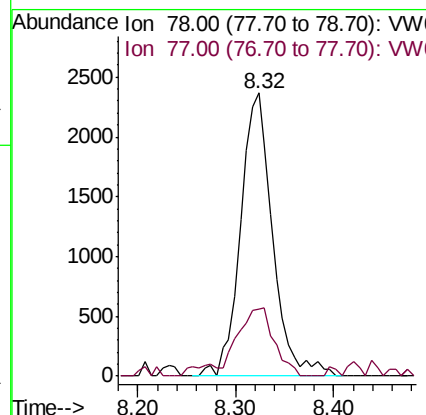
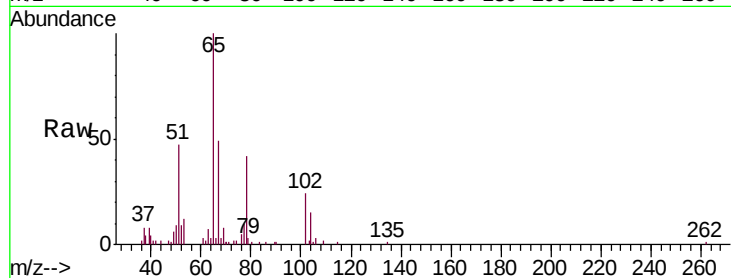
EO-01-011518-A

Tgt Ion: 78 Resp: 5383

Ion Ratio Lower Upper

78 100

77 23.7 20.2 30.4



#49

1,4-Dioxane

Concen: 4.426 ug/l

RT: 9.51 min Scan# 1247

Delta R.T. 0.02 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

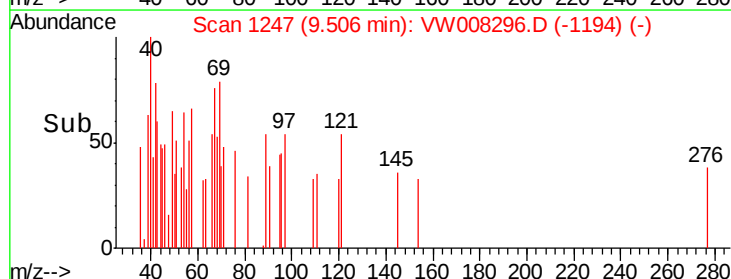
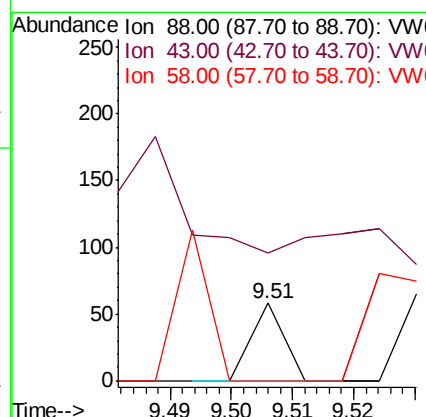
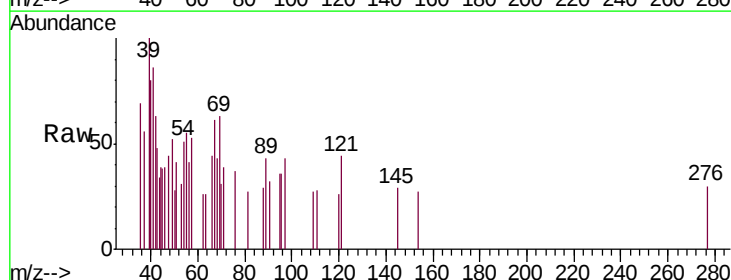
Tgt Ion: 88 Resp: 21

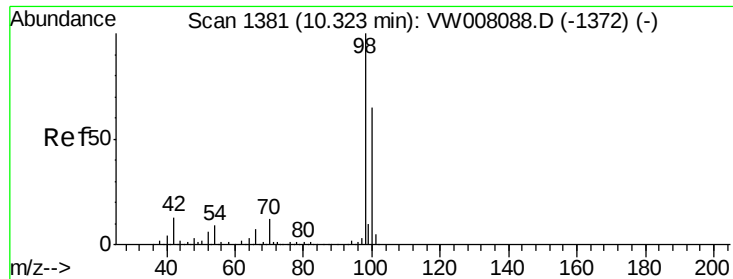
Ion Ratio Lower Upper

88 100

43 1328.6 0.0 0.0#

58 195.2 61.7 92.5#





#50

Toluene-d8

Concen: 51.335 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

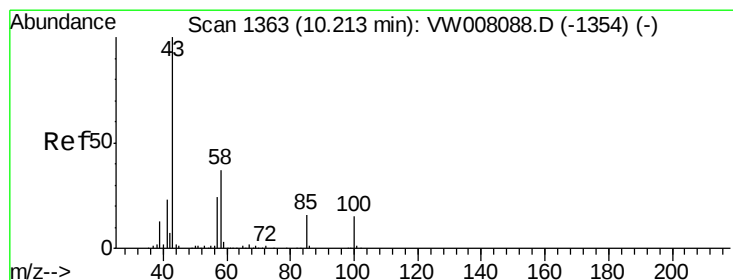
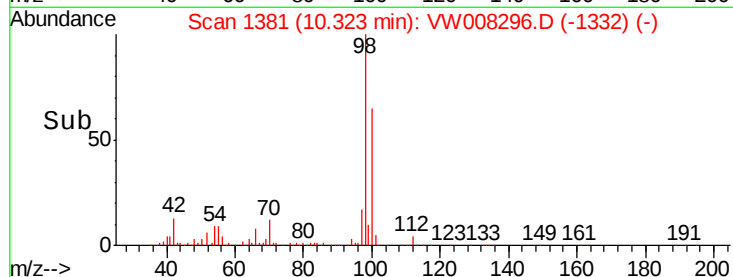
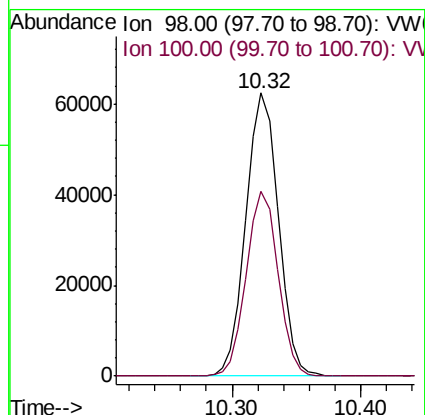
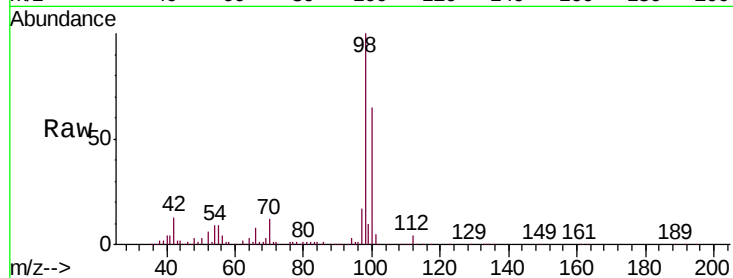
EO-01-011518-A

Tgt Ion: 98 Resp: 108948

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 1.187 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008296.D

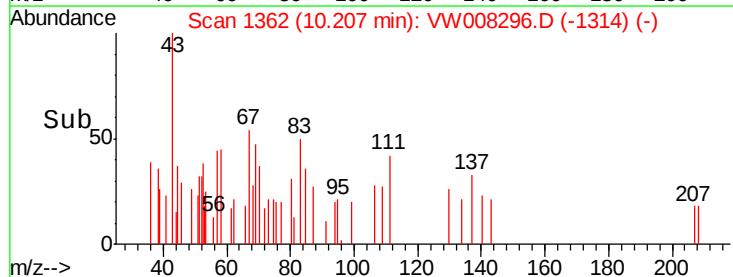
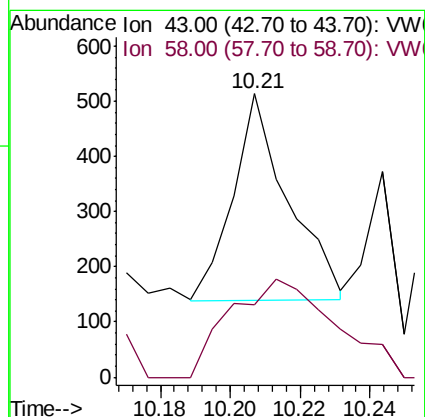
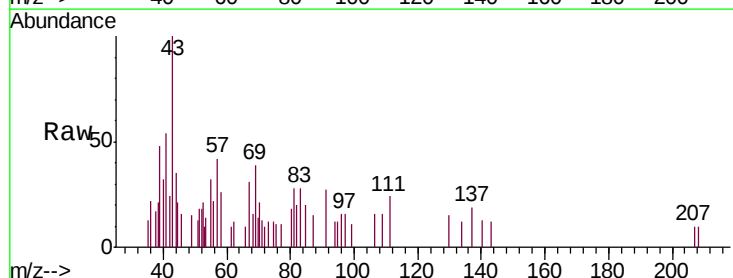
Acq: 15 Jan 2019 21:49

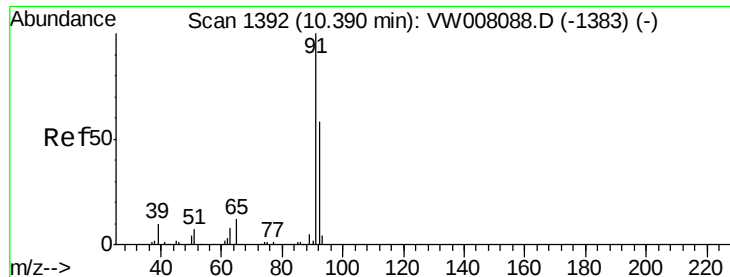
Tgt Ion: 43 Resp: 411

Ion Ratio Lower Upper

43 100

58 90.5 30.6 46.0#





#52

Toluene

Concen: 22.883 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

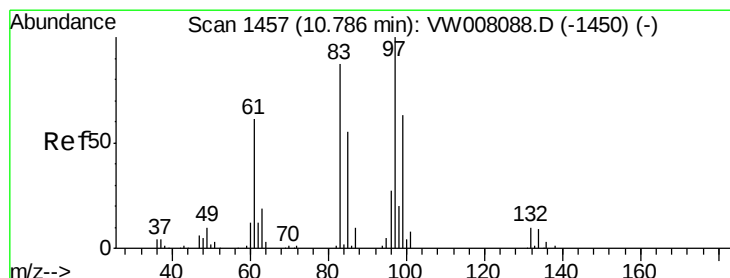
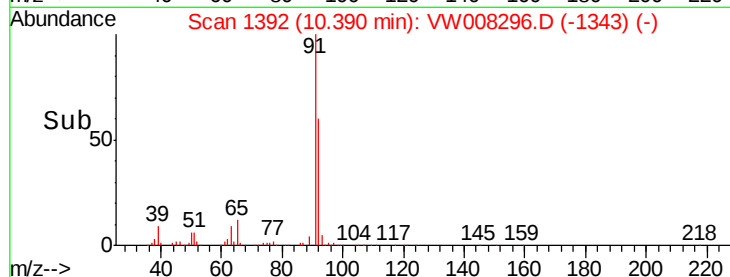
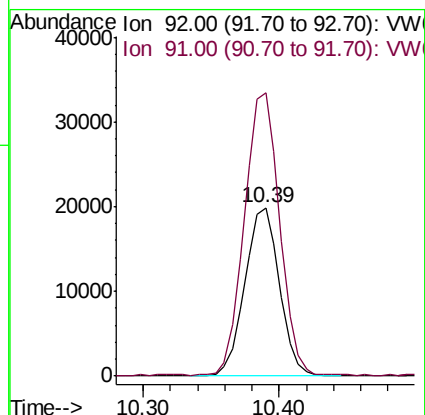
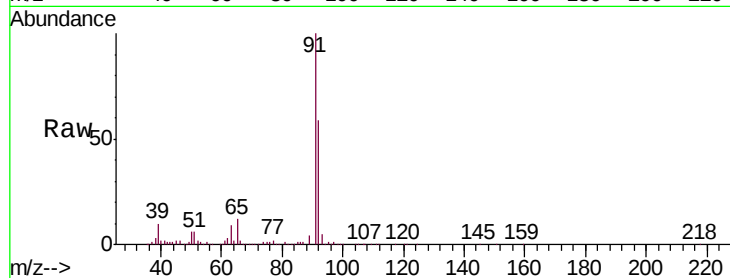
EO-01-011518-A

Tgt Ion: 92 Resp: 35405

Ion Ratio Lower Upper

92 100

91 171.3 137.0 205.4



#55

1,1,2-Trichloroethane

Concen: 23.242 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Tgt Ion: 97 Resp: 9627

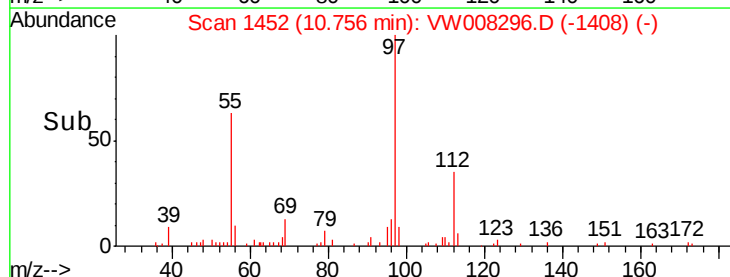
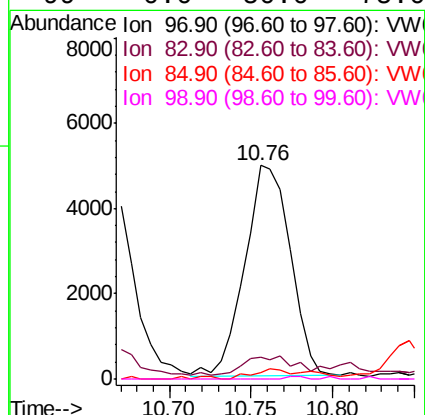
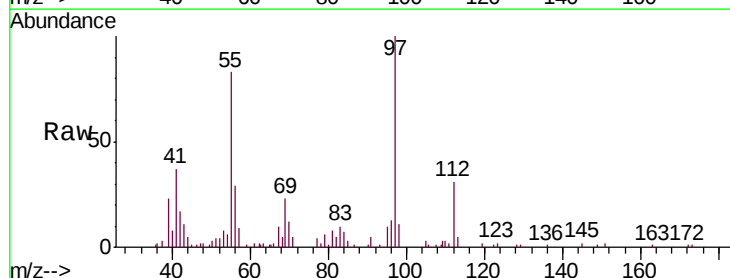
Ion Ratio Lower Upper

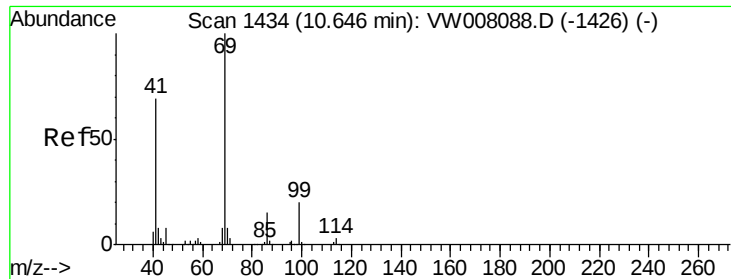
97 100

83 8.0 69.3 103.9#

85 3.0 43.8 65.6#

99 0.0 50.0 75.0#





#56

Ethyl methacrylate

Concen: 5.371 ug/l

RT: 10.66 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-A

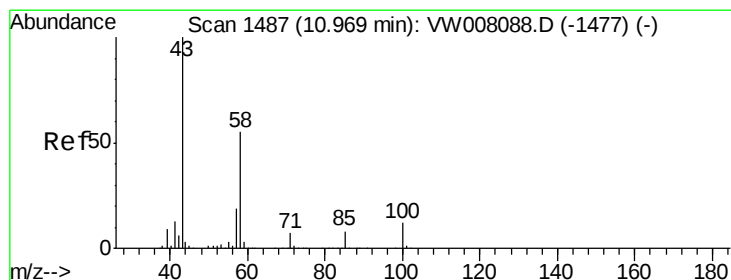
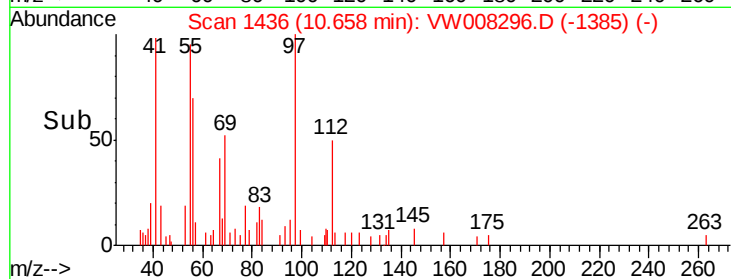
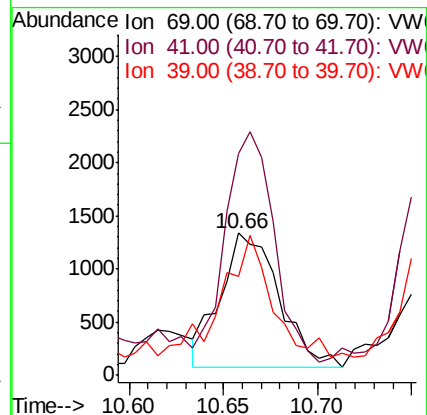
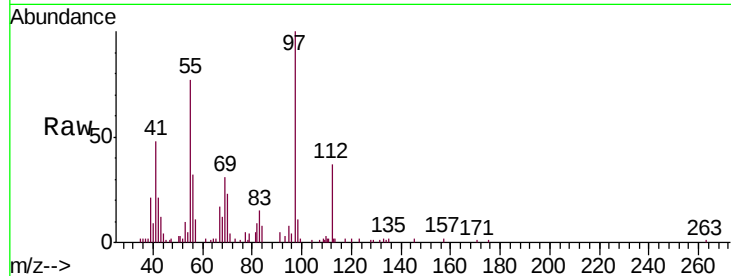
Tgt Ion: 69 Resp: 2755

Ion Ratio Lower Upper

69 100

41 140.4 56.4 84.6#

39 76.6 28.1 42.1#



#59

2-Hexanone

Concen: 10.619 ug/l

RT: 11.04 min Scan# 1499

Delta R.T. 0.07 min

Lab File: VW008296.D

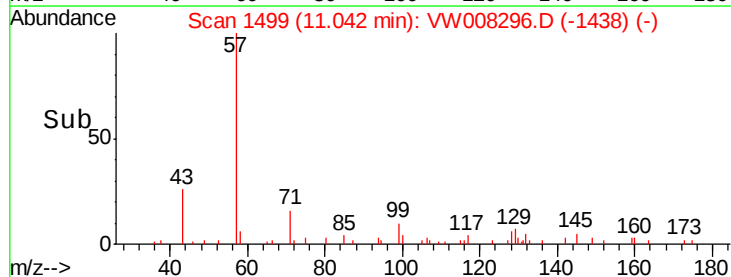
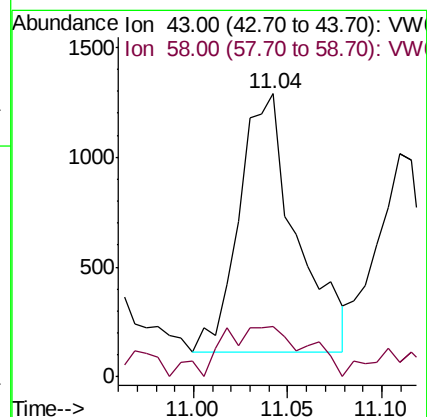
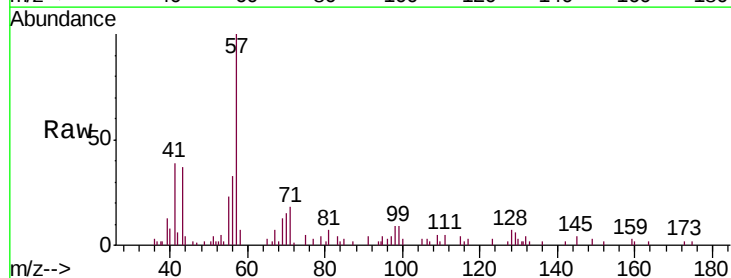
Acq: 15 Jan 2019 21:49

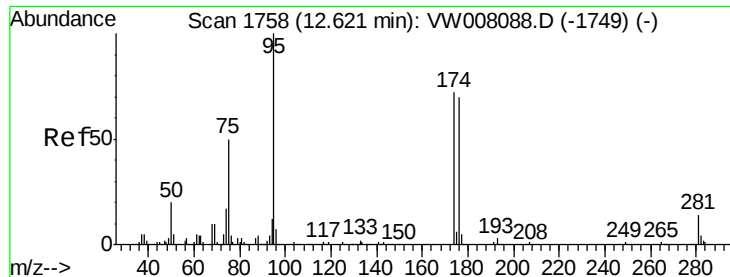
Tgt Ion: 43 Resp: 2487

Ion Ratio Lower Upper

43 100

58 29.6 27.2 81.5





#62

4-Bromofluorobenzene

Concen: 41.254 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-A

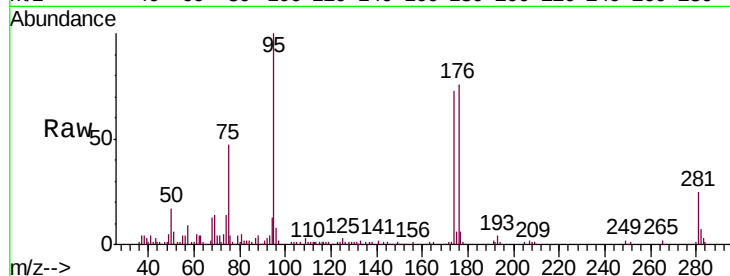
Tgt Ion: 95 Resp: 31387

Ion Ratio Lower Upper

95 100

174 78.9 0.0 143.0

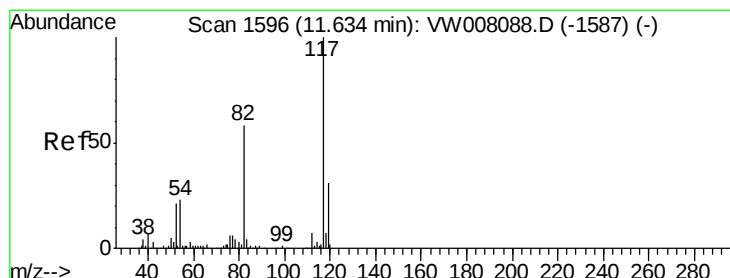
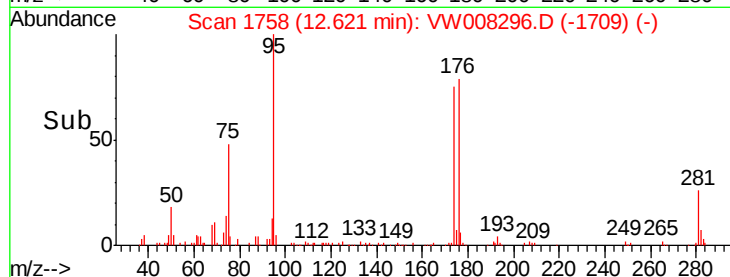
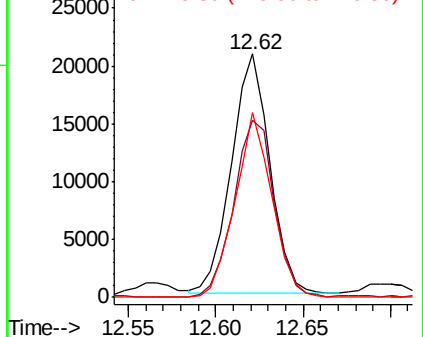
176 74.5 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

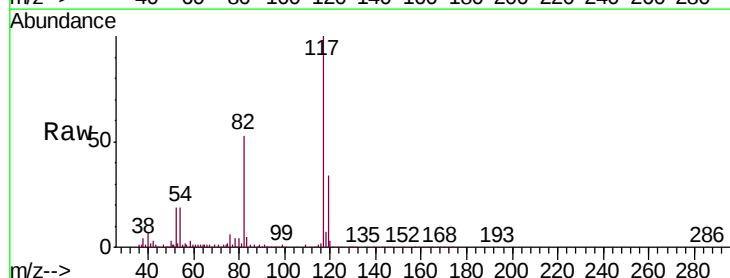
Tgt Ion: 117 Resp: 74046

Ion Ratio Lower Upper

117 100

82 52.4 46.4 69.6

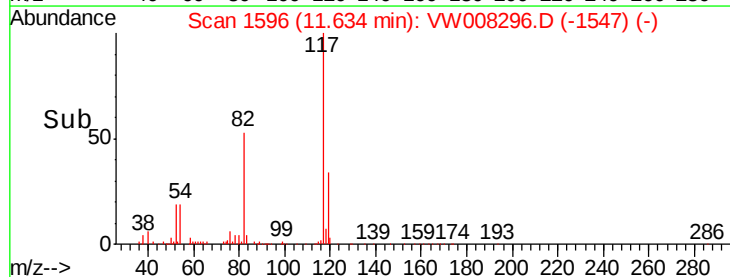
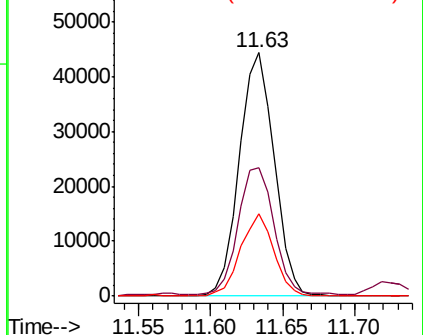
119 33.6 24.7 37.1

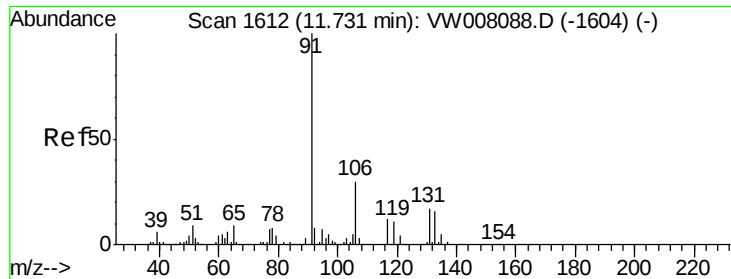


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

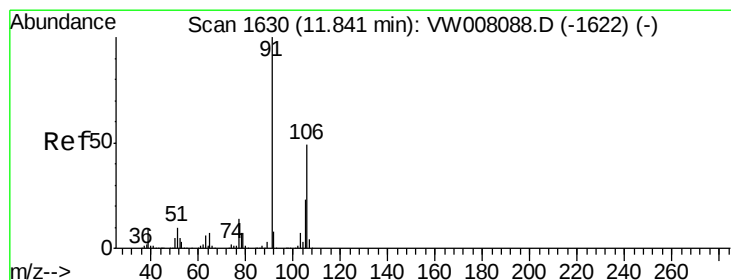
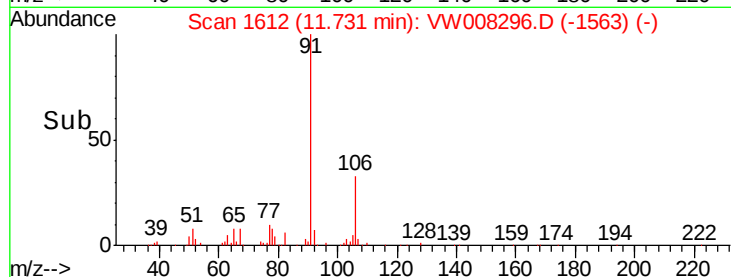
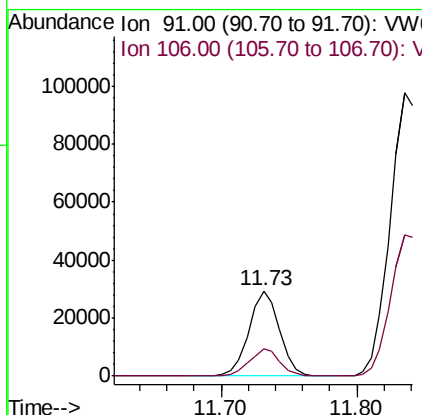
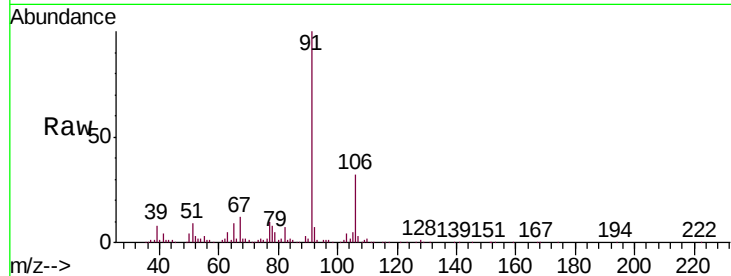




#67
Ethyl Benzene
Concen: 15.993 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

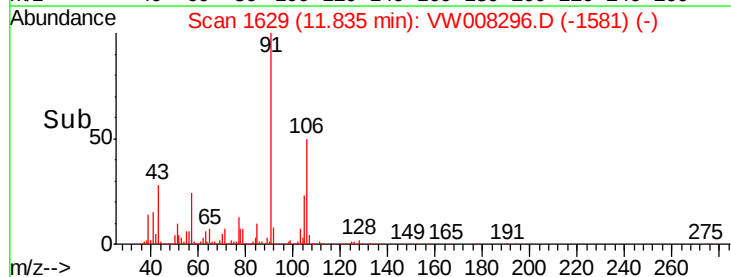
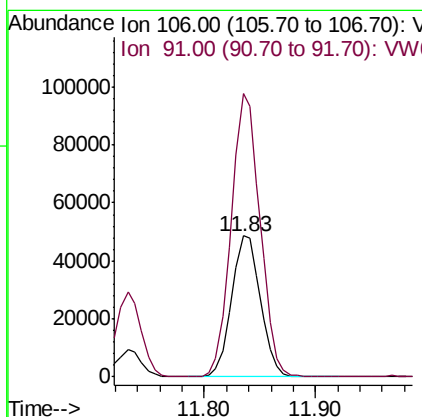
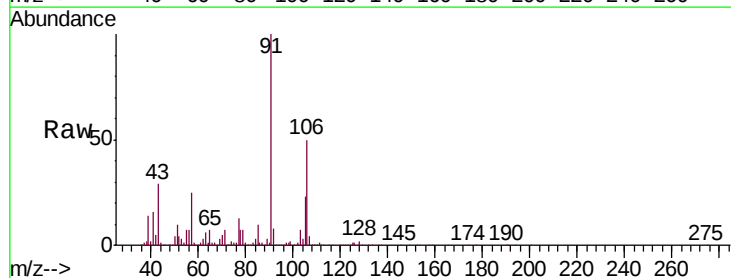
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-A

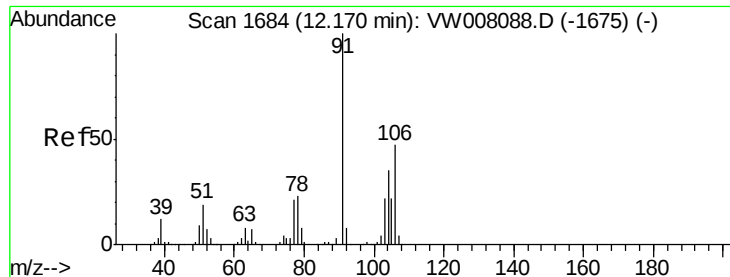
Tgt Ion: 91 Resp: 45905
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.4



#68
m/p-Xylenes
Concen: 79.780 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

Tgt Ion: 106 Resp: 87405
Ion Ratio Lower Upper
106 100
91 199.1 162.4 243.6

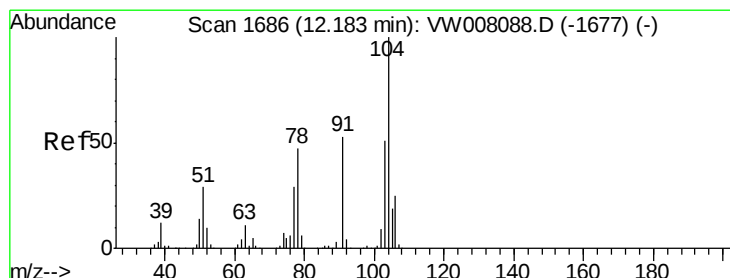
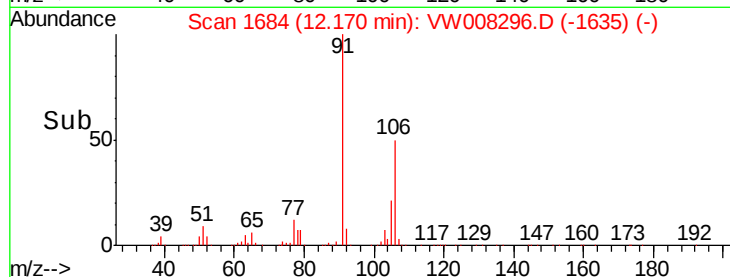
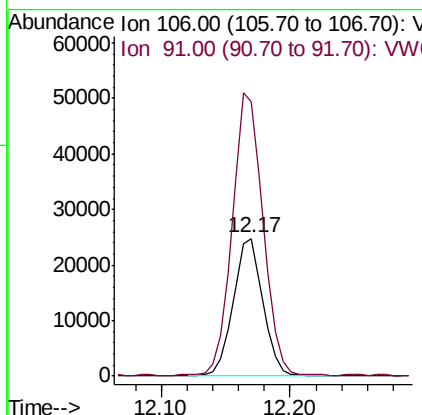
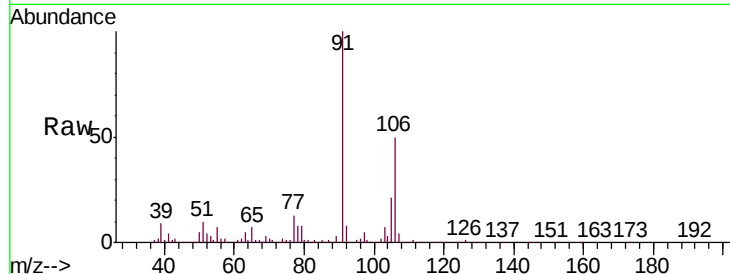




#69
o-Xylene
Concen: 39.352 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

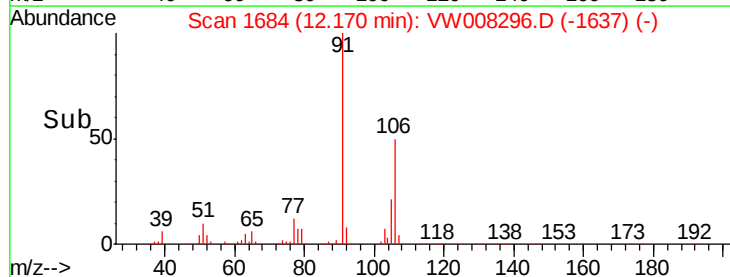
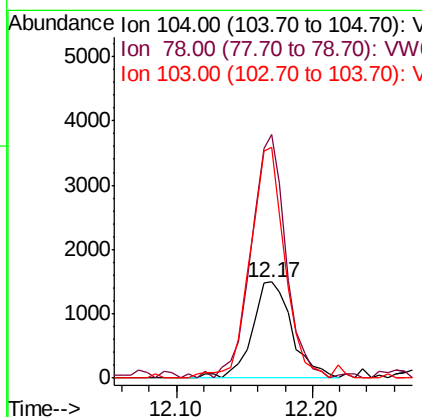
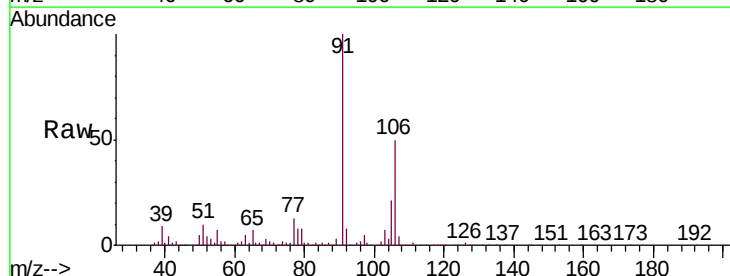
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-A

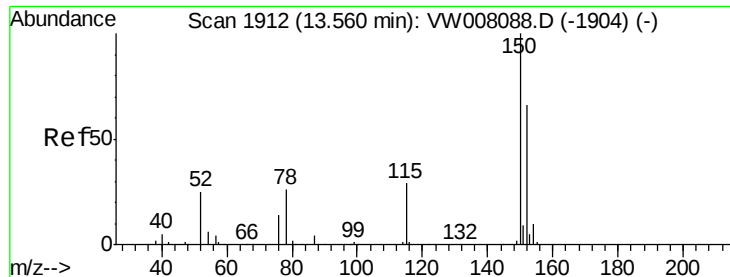
Tgt Ion:106 Resp: 39924
Ion Ratio Lower Upper
106 100
91 210.8 107.8 323.6



#70
Styrene
Concen: 1.921 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

Tgt Ion:104 Resp: 3052
Ion Ratio Lower Upper
104 100
78 220.7 41.8 62.8#
103 210.2 43.8 65.8#



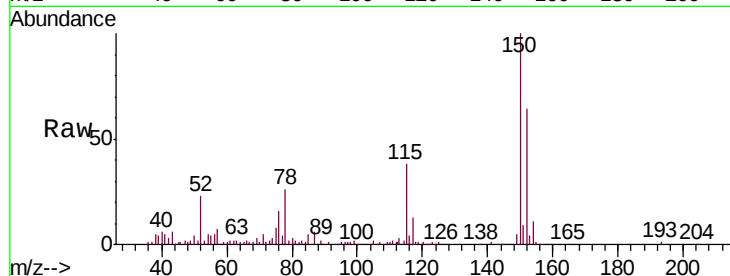


#72

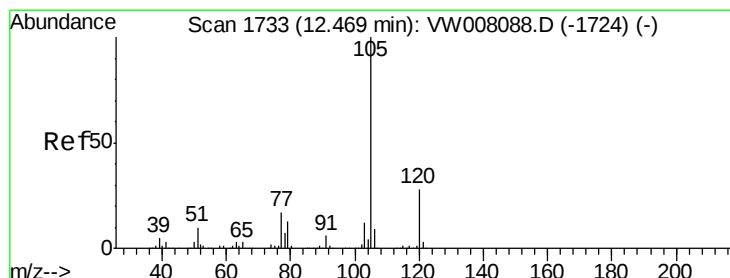
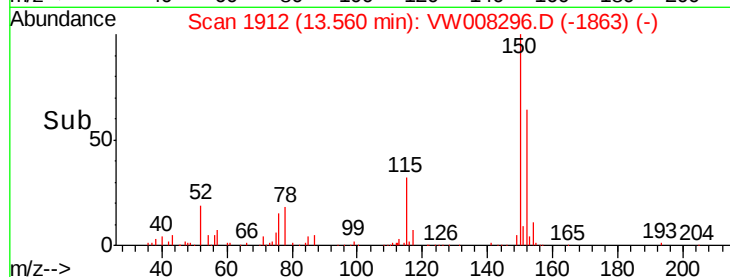
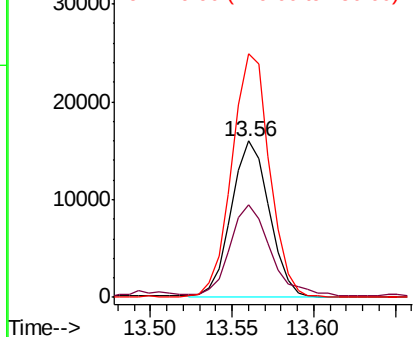
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

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

Tgt Ion:152 Resp: 26100
Ion Ratio Lower Upper
152 100
115 61.3 30.8 92.4
150 154.7 0.0 350.2



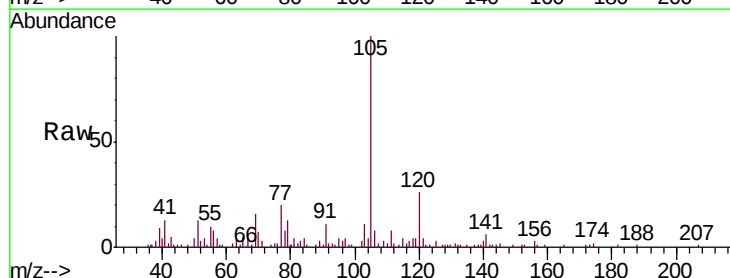
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



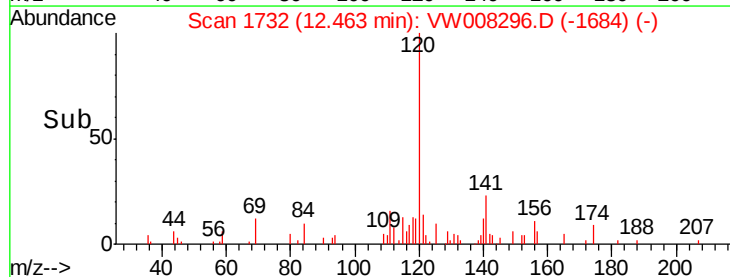
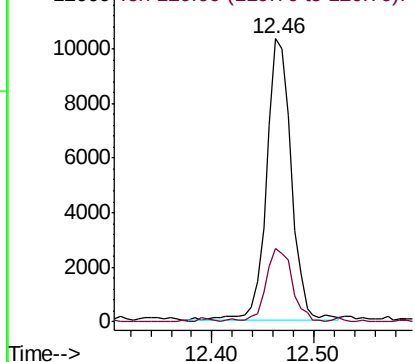
#73

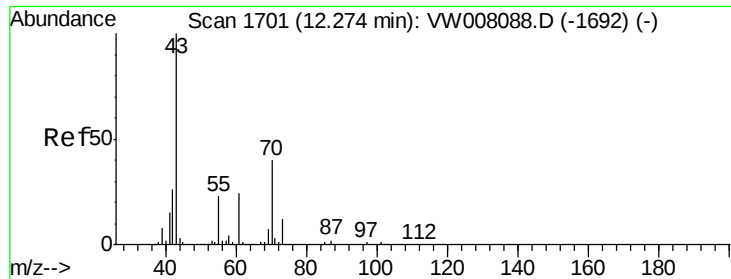
Isopropylbenzene
Concen: 8.459 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

Tgt Ion:105 Resp: 17333
Ion Ratio Lower Upper
105 100
120 28.3 13.6 40.8



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





#74

N-amyI acetate

Concen: 13.273 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-A

Tgt Ion: 43 Resp: 6023

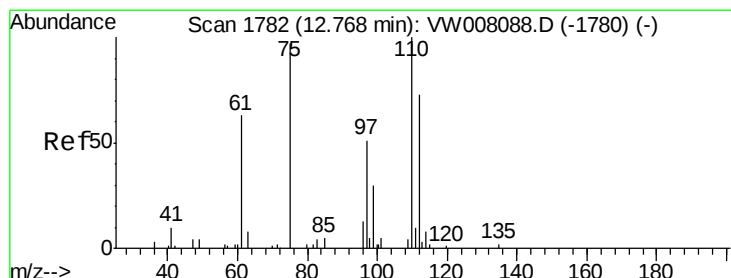
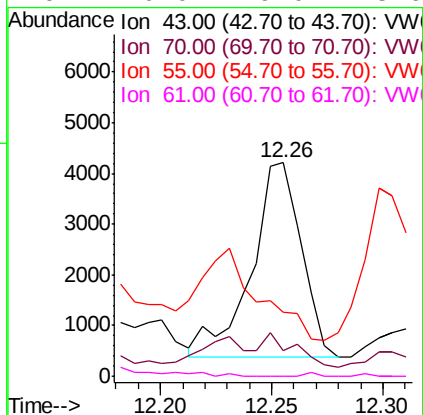
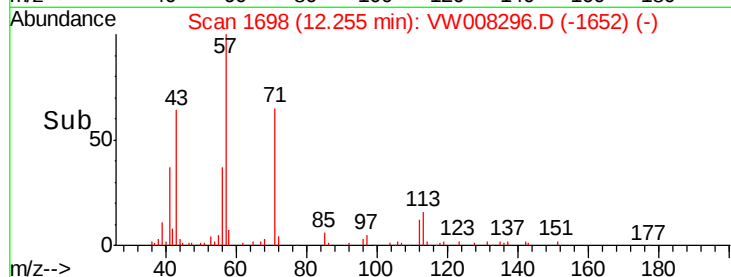
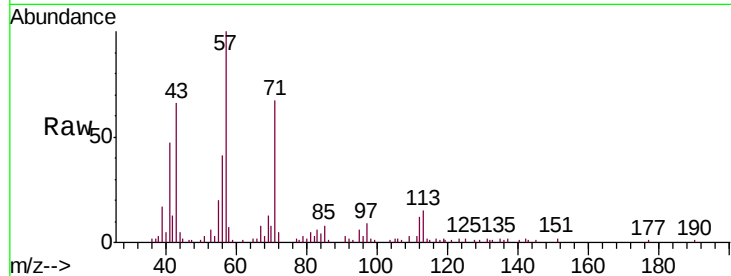
Ion Ratio Lower Upper

43 100

70 10.2 32.4 48.6#

55 0.0 18.7 28.1#

61 0.0 19.0 28.6#



#76

1,2,3-Trichloropropane

Concen: 2.980 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. 0.10 min

Lab File: VW008296.D

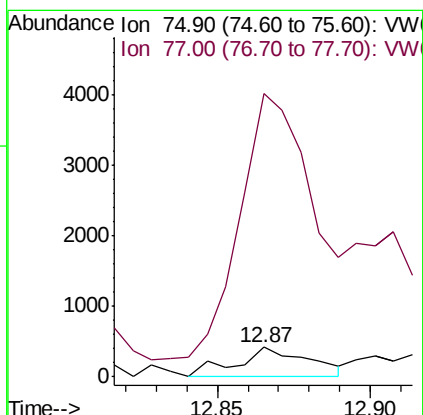
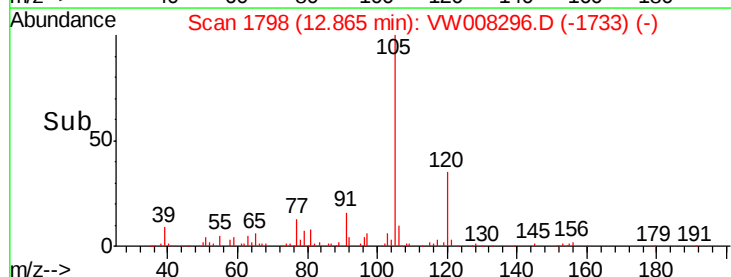
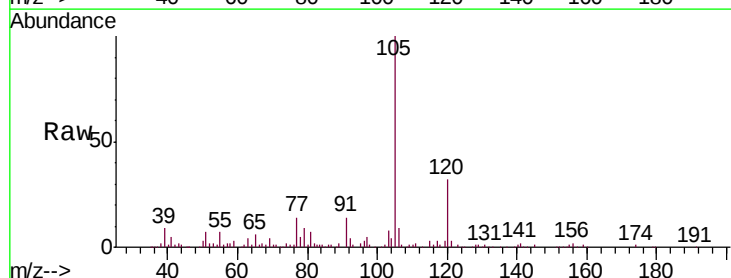
Acq: 15 Jan 2019 21:49

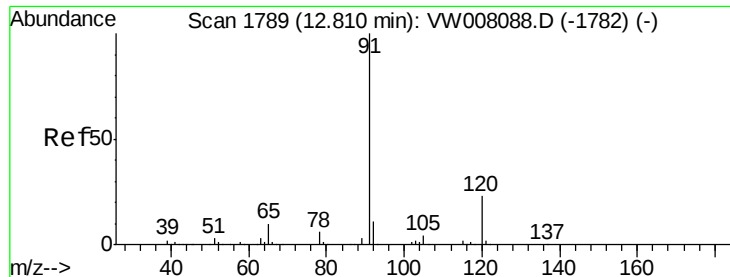
Tgt Ion: 75 Resp: 709

Ion Ratio Lower Upper

75 100

77 890.0 179.4 538.2#





#78

n-propylbenzene

Concen: 12.153 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

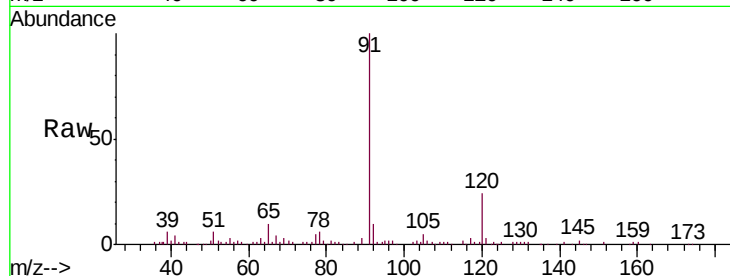
EO-01-011518-A

Tgt Ion: 91 Resp: 30512

Ion Ratio Lower Upper

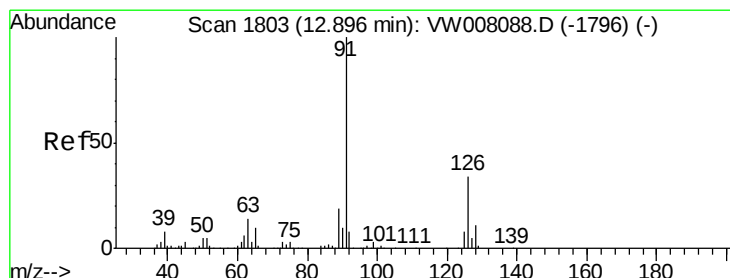
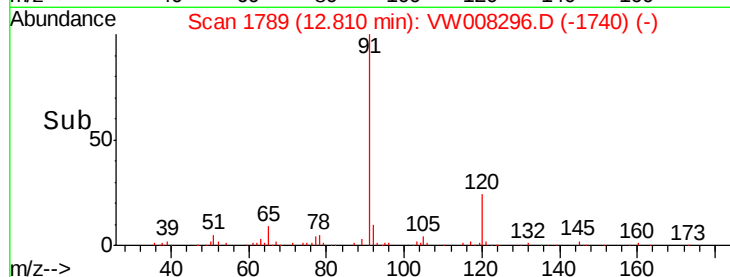
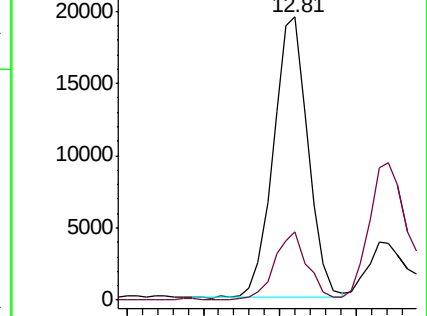
91 100

120 23.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 5.154 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. -0.03 min

Lab File: VW008296.D

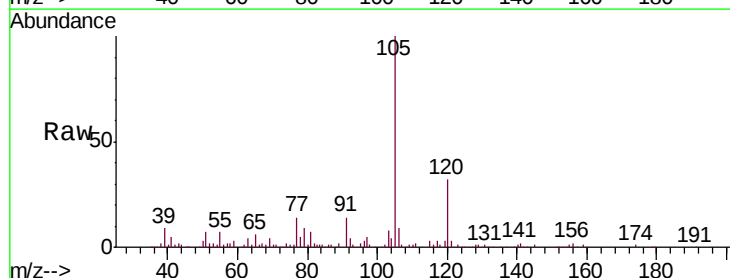
Acq: 15 Jan 2019 21:49

Tgt Ion: 91 Resp: 7219

Ion Ratio Lower Upper

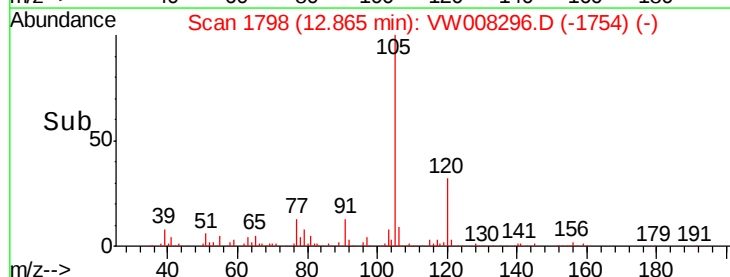
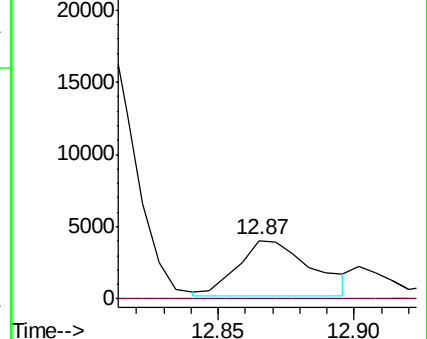
91 100

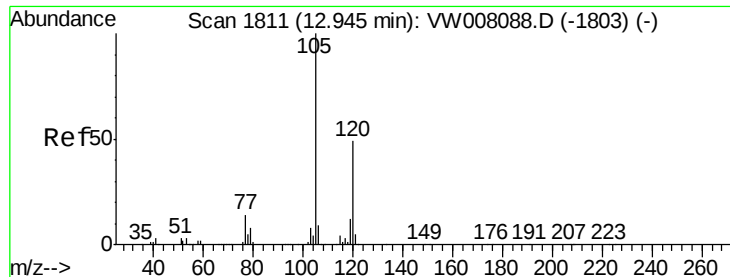
126 0.8 16.8 50.3#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 17.471 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

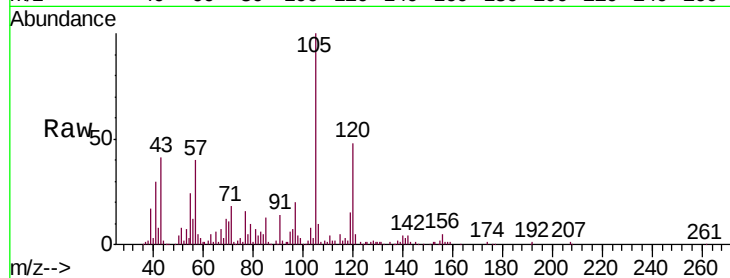
EO-01-011518-A

Tgt Ion:105 Resp: 29418

Ion Ratio Lower Upper

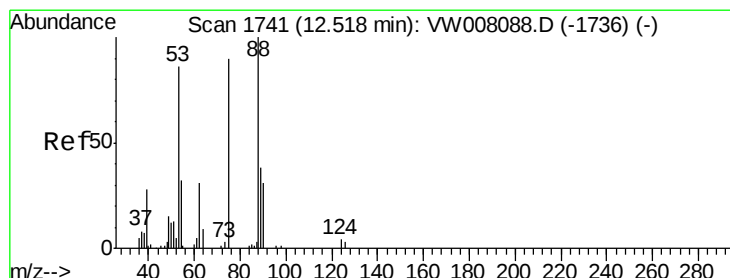
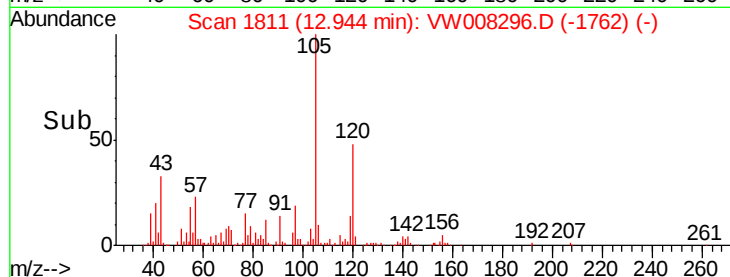
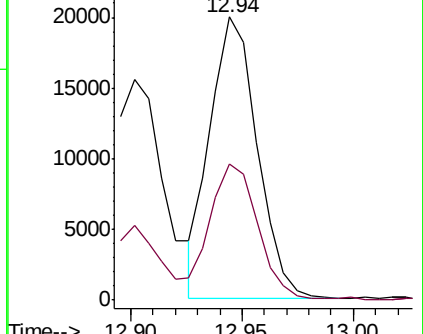
105 100

120 50.1 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: 157.214 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

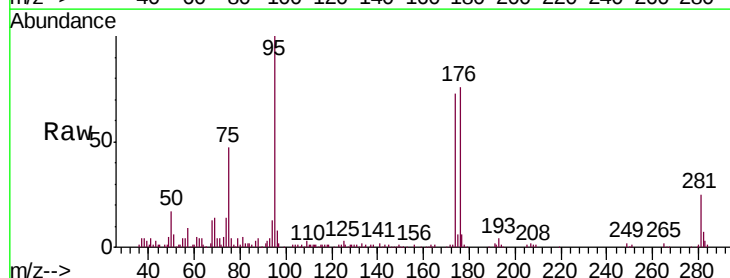
Tgt Ion: 75 Resp: 16063

Ion Ratio Lower Upper

75 100

53 2.2 78.8 118.2#

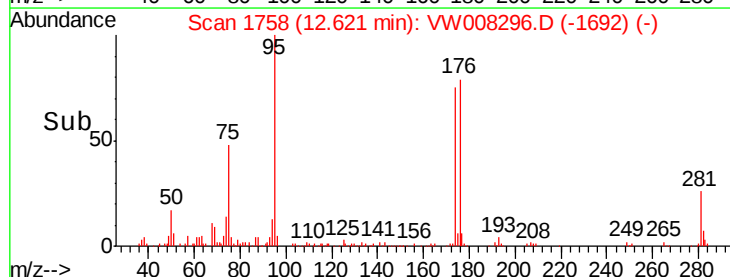
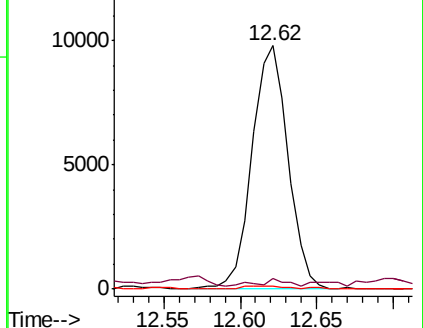
89 1.5 35.4 53.2#

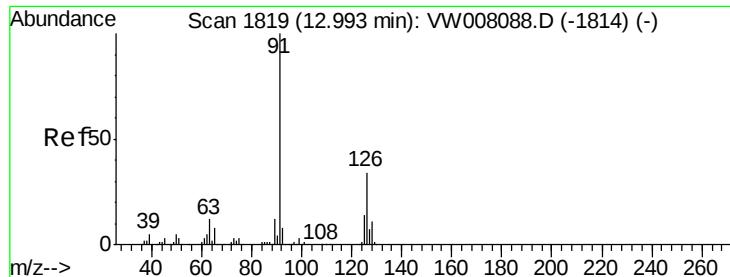


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#82

4-Chlorotoluene

Concen: 2.521 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

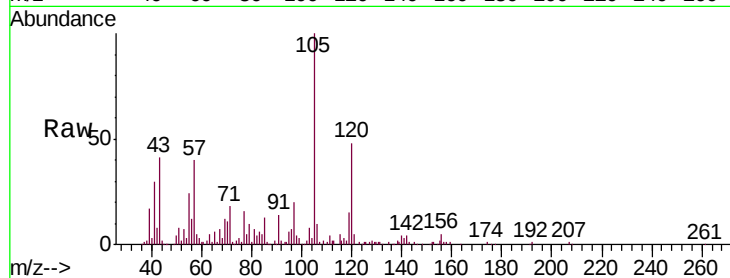
EO-01-011518-A

Tgt Ion: 91 Resp: 3719

Ion Ratio Lower Upper

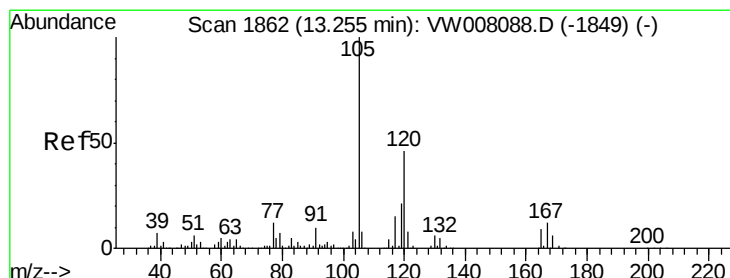
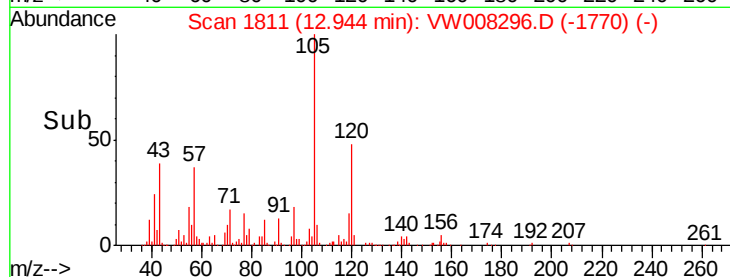
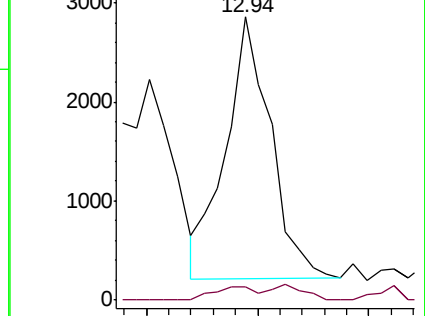
91 100

126 4.8 16.5 49.5#



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: 41.703 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008296.D

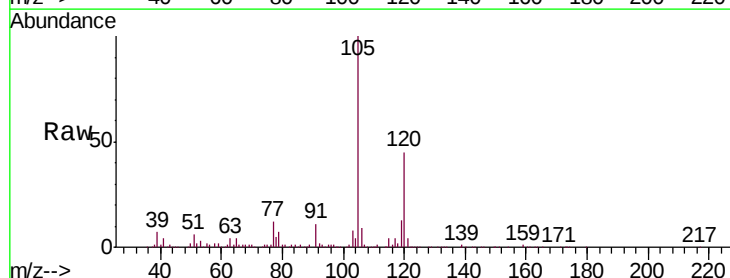
Acq: 15 Jan 2019 21:49

Tgt Ion: 105 Resp: 72425

Ion Ratio Lower Upper

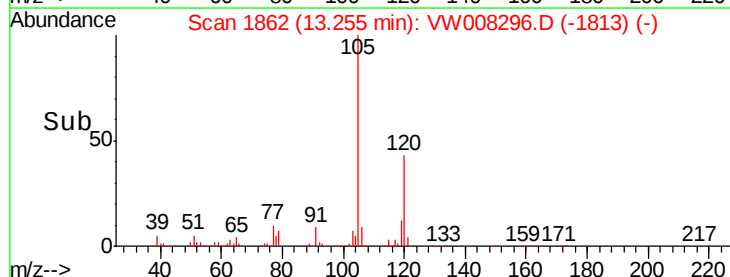
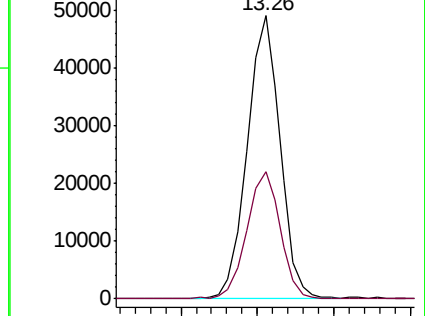
105 100

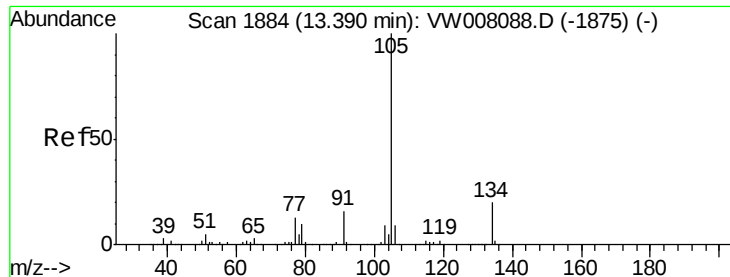
120 46.5 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

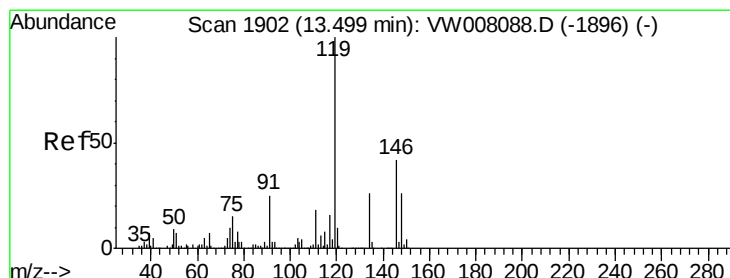
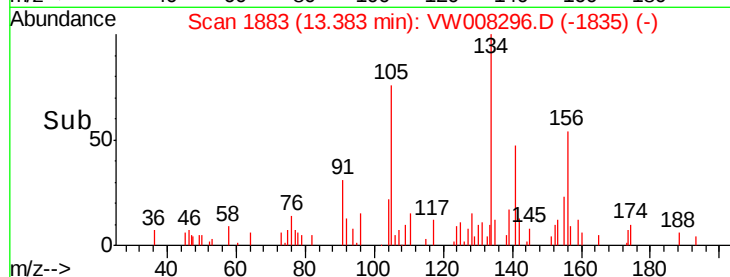
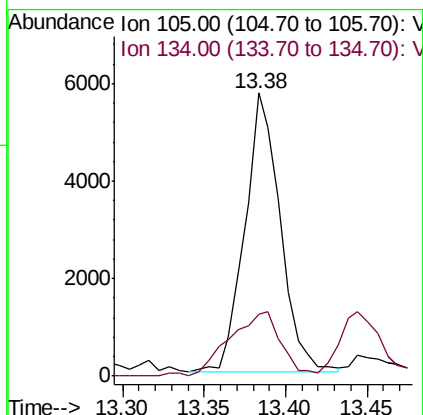
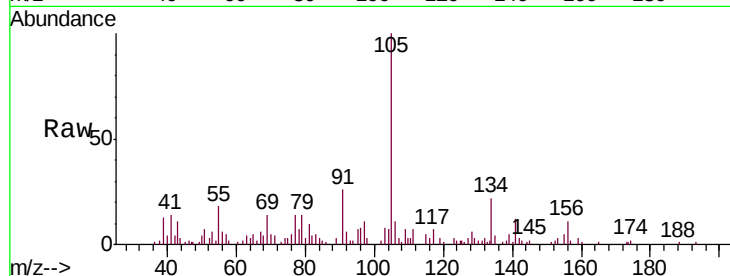




#85
 sec-Butylbenzene
 Concen: 3.959 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008296.D
 Acq: 15 Jan 2019 21:49

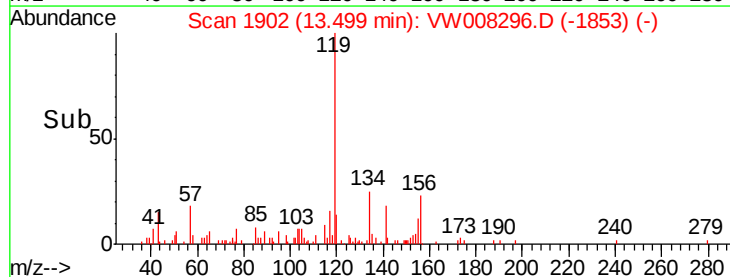
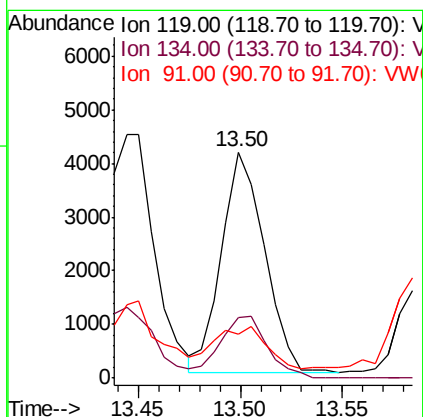
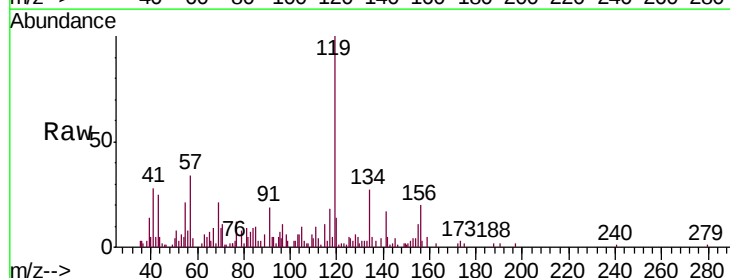
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-011518-A

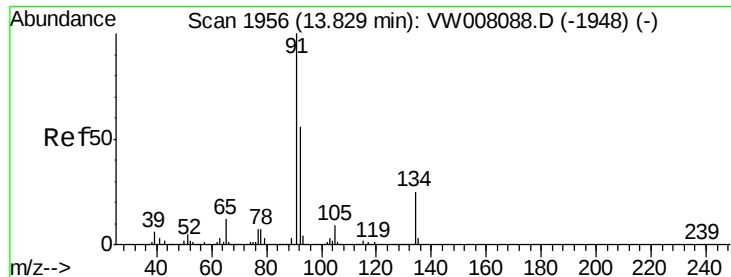
Tgt Ion:105 Resp: 8639
 Ion Ratio Lower Upper
 105 100
 134 33.9 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 3.179 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008296.D
 Acq: 15 Jan 2019 21:49

Tgt Ion:119 Resp: 5990
 Ion Ratio Lower Upper
 119 100
 134 31.1 13.3 39.8
 91 23.1 12.3 36.9





#89

n-Butylbenzene

Concen: 3.985 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008296.D

Acq: 15 Jan 2019 21:49

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-A

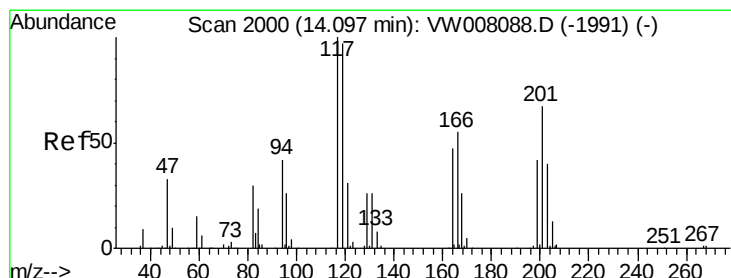
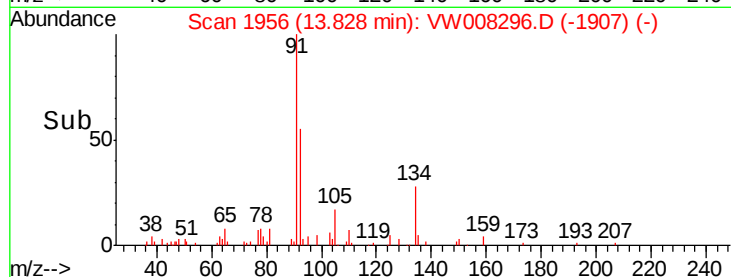
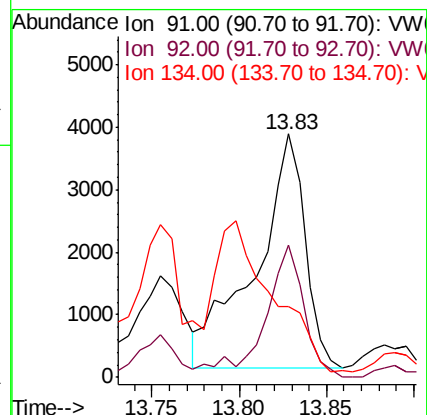
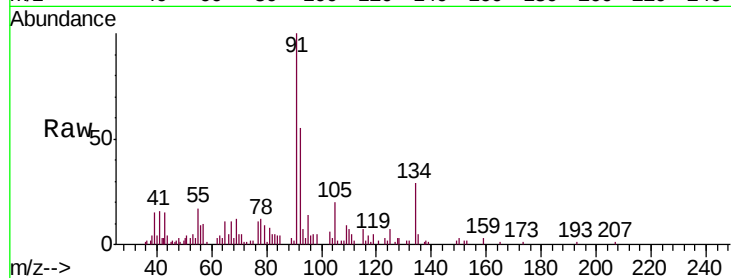
Tgt Ion: 91 Resp: 7355

Ion Ratio Lower Upper

91 100

92 44.7 27.4 82.2

134 0.0 12.6 37.8#



#90

Hexachloroethane

Concen: 3.085 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008296.D

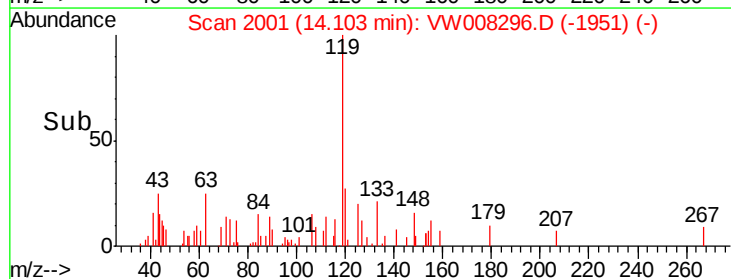
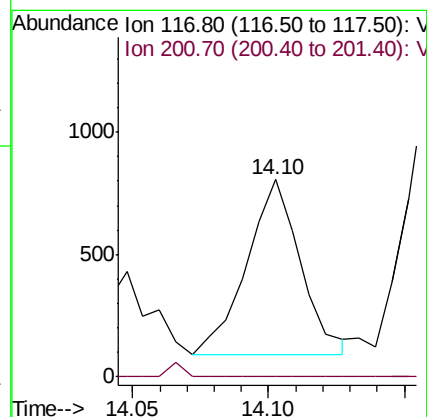
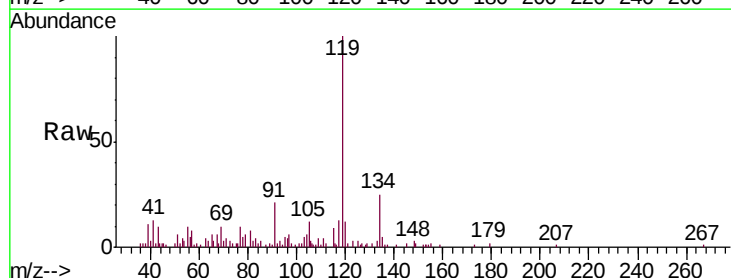
Acq: 15 Jan 2019 21:49

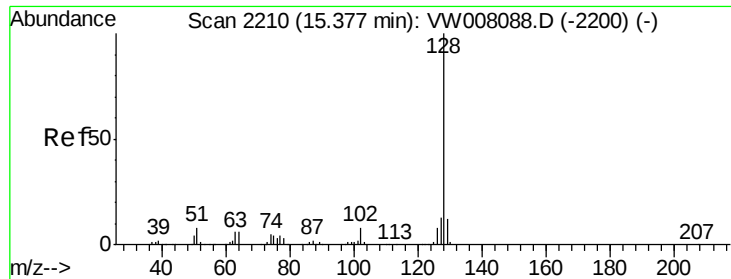
Tgt Ion: 117 Resp: 982

Ion Ratio Lower Upper

117 100

201 0.0 33.0 98.9#

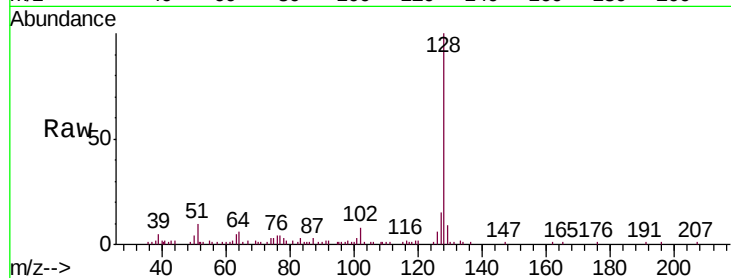




#95
Naphthalene
Concen: 15.590 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008296.D
Acq: 15 Jan 2019 21:49

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.3	11.0	16.4
129	10.1	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

