

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100919\
 Data File : VW013506.D
 Acq On : 09 Oct 2019 16:10
 Operator : SY/VA
 Sample : K5285-09
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S1

Quant Time: Oct 10 02:40:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	21592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	28258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	23281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7936	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	7779	46.63	ug/l	0.00
Spiked Amount			Recovery	=	93.26%	
35) Dibromofluoromethane	7.88	113	8338	52.83	ug/l	0.00
Spiked Amount			Recovery	=	105.66%	
50) Toluene-d8	10.33	98	36618	55.21	ug/l	0.00
Spiked Amount			Recovery	=	110.42%	
62) 4-Bromofluorobenzene	12.62	95	13411	60.19	ug/l	0.00
Spiked Amount			Recovery	=	120.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	502	8.486	ug/l #	72
16) Acetone	4.12	43	4873	125.528	ug/l	92
20) Methylene Chloride	4.93	84	1196	2.542	ug/l #	59
25) 2-Butanone	7.20	43	1420	24.820	ug/l	95
26) 2,2-Dichloropropane	7.13	77	236	1.110	ug/l #	50
31) Cyclohexane	7.93	56	771	2.209	ug/l #	51
36) 1,1-Dichloropropene	7.94	75	1592	6.228	ug/l #	43
38) Carbon Tetrachloride	7.95	117	1734	7.652	ug/l #	12
39) Methylcyclohexane	9.34	83	6142	18.545	ug/l #	81
43) Isopropyl Acetate	8.43	43	304	1.451	ug/l #	50
47) Bromodichloromethane	9.62	83	473	2.230	ug/l #	25
48) Methyl methacrylate	9.40	41	405	3.924	ug/l #	25
51) 4-Methyl-2-Pentanone	10.21	43	562	5.101	ug/l #	69
55) 1,1,2-Trichloroethane	10.76	97	13625	106.386	ug/l #	20
56) Ethyl methacrylate	10.66	69	5525	32.030	ug/l #	22
59) 2-Hexanone	10.93	43	27646	365.971	ug/l #	27
68) m/p-Xylenes	11.85	106	503	1.564	ug/l	96
73) Isopropylbenzene	12.47	105	679	1.194	ug/l	82
74) N-amyl acetate	12.25	43	30631	246.378	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.68	83	2643	27.278	ug/l #	71
76) 1,2,3-Trichloropropane	12.62	75	4038	61.093	ug/l #	100
79) 2-Chlorotoluene	13.01	91	694	1.884	ug/l	89
80) 1,3,5-Trimethylbenzene	12.94	105	3245	6.870	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.62	75	4038	124.885	ug/l #	34
82) 4-Chlorotoluene	13.01	91	694	1.816	ug/l	88
83) tert-Butylbenzene	13.21	119	1201	2.863	ug/l	85
84) 1,2,4-Trimethylbenzene	13.25	105	3974	8.507	ug/l	84
85) sec-Butylbenzene	13.38	105	1760	3.037	ug/l	98
86) p-Isopropyltoluene	13.50	119	3232	6.069	ug/l	91
89) n-Butylbenzene	13.82	91	530	1.102	ug/l #	52
90) Hexachloroethane	14.10	117	582	6.388	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.45	75	21	1.360	ug/l #	1
95) Naphthalene	15.36	128	552	2.002	ug/l #	75

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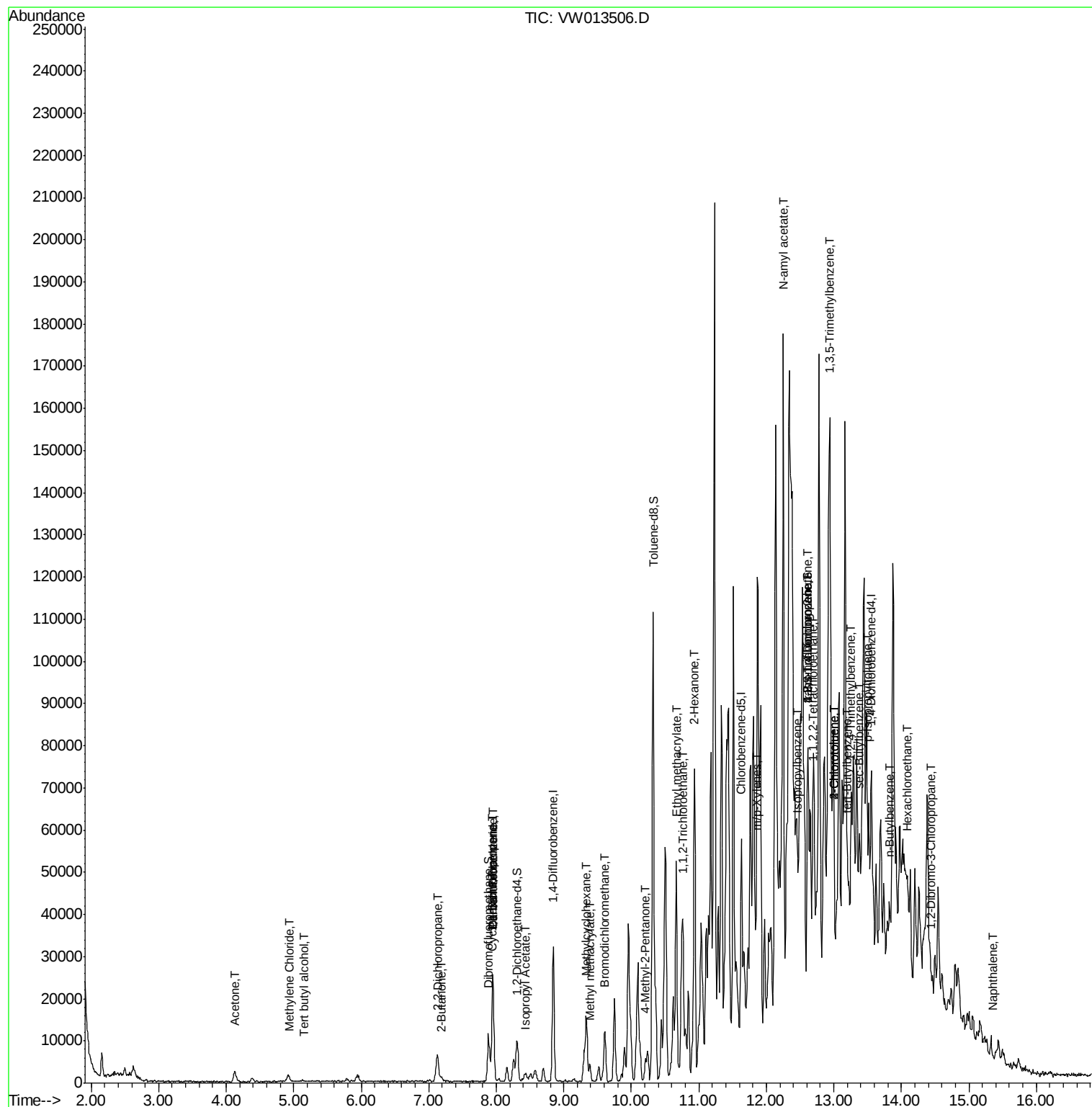
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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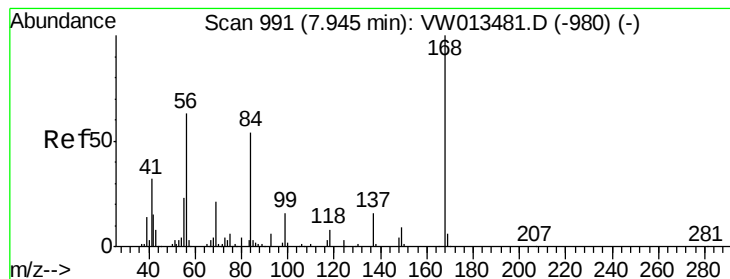
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

Instrument :

MSVOA_W

ClientSampleId :

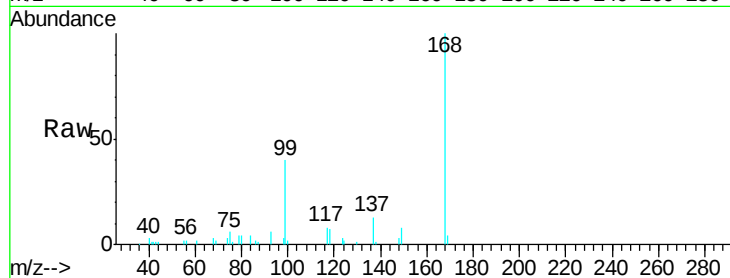
TP-2-S1

Tgt Ion: 168 Resp: 21592

Ion Ratio Lower Upper

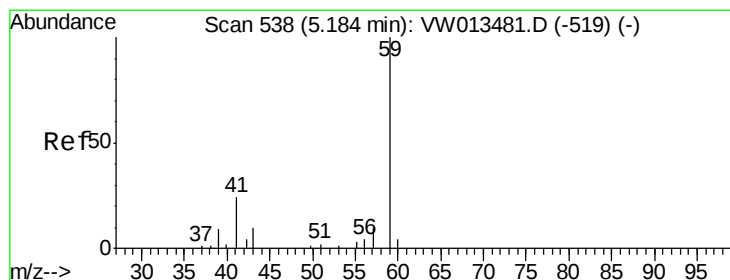
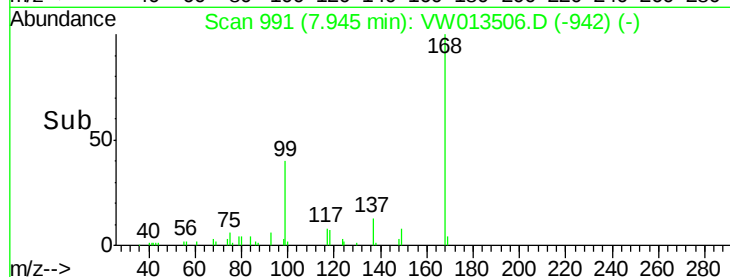
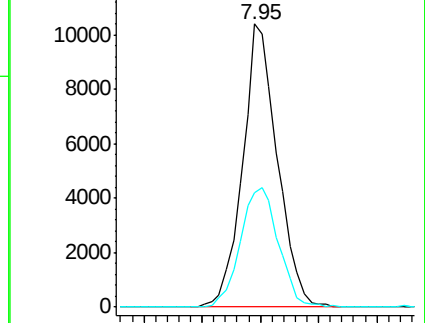
168 100

99 40.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 8.486 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.04 min

Lab File: VW013506.D

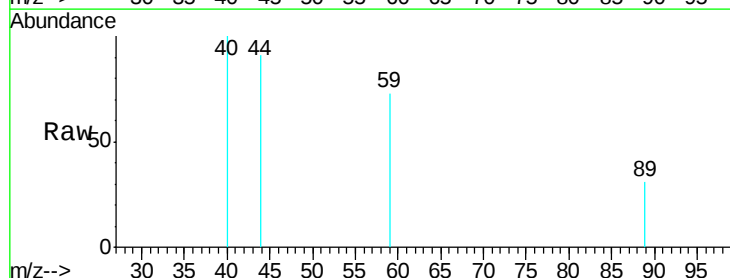
Acq: 09 Oct 2019 16:10

Tgt Ion: 59 Resp: 502

Ion Ratio Lower Upper

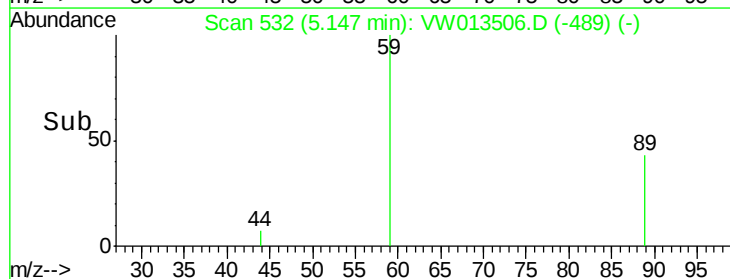
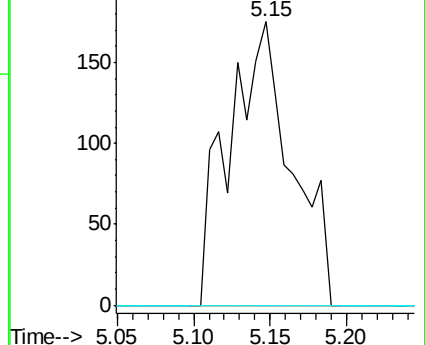
59 100

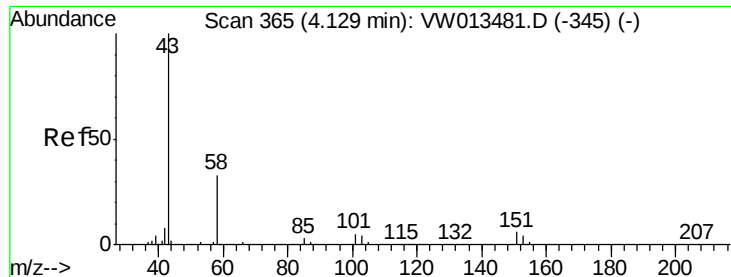
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

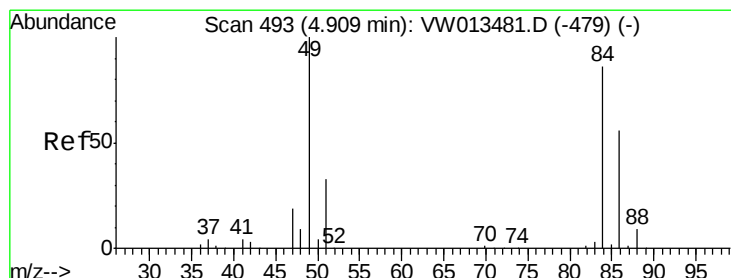
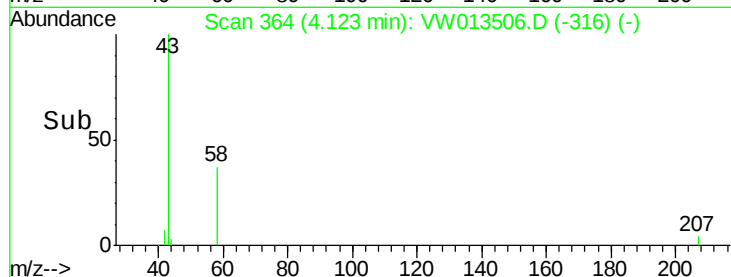
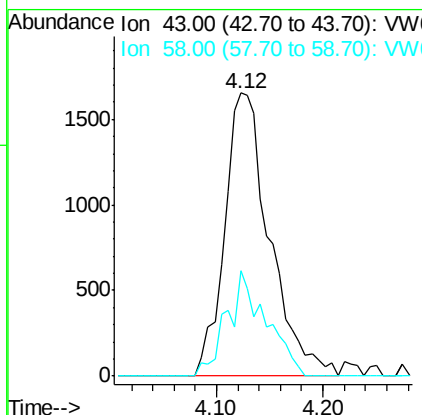
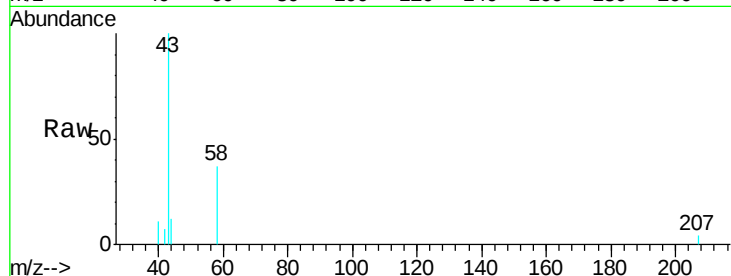




#16
Acetone
Concen: 125.528 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

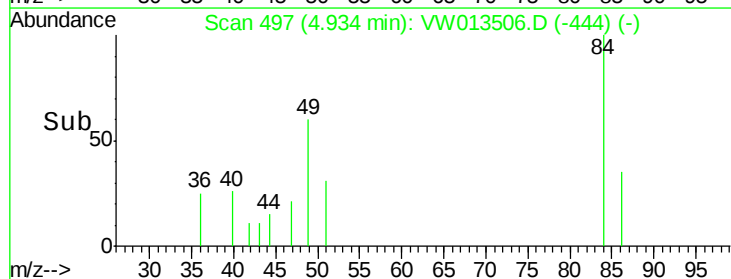
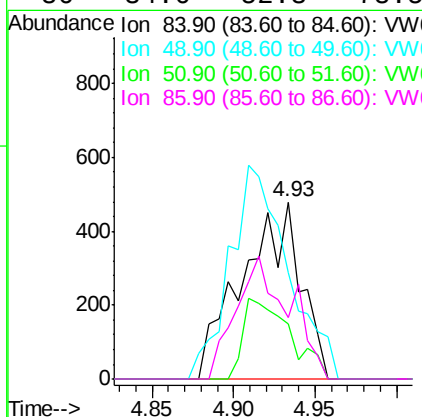
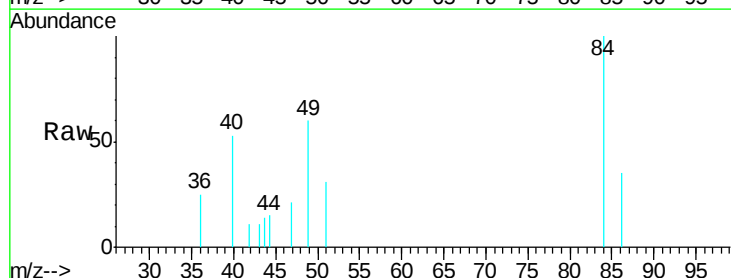
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S1

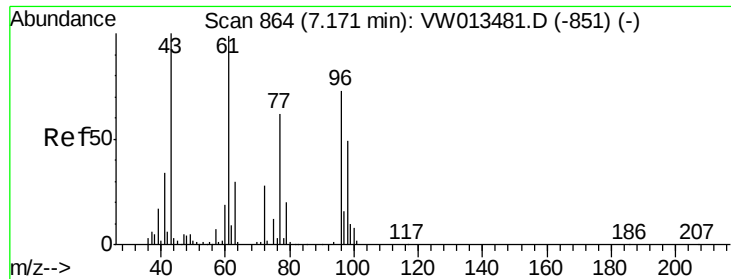
Tgt Ion: 43 Resp: 4873
Ion Ratio Lower Upper
43 100
58 37.2 26.1 39.1



#20
Methylene Chloride
Concen: 2.542 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

Tgt Ion: 84 Resp: 1196
Ion Ratio Lower Upper
84 100
49 60.2 93.4 140.0#
51 30.8 30.6 46.0
86 34.6 52.3 78.5#





#25

2-Butanone

Concen: 24.820 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.02 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

Instrument :

MSVOA_W

ClientSampled :

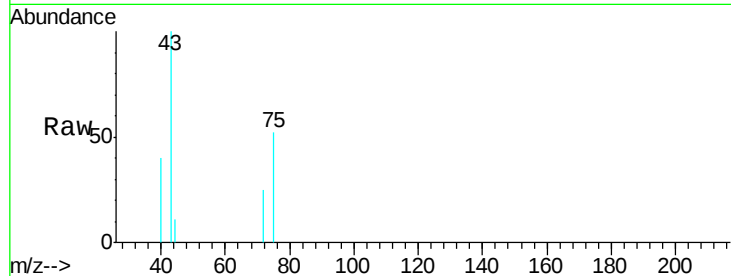
TP-2-S1

Tgt Ion: 43 Resp: 1420

Ion Ratio Lower Upper

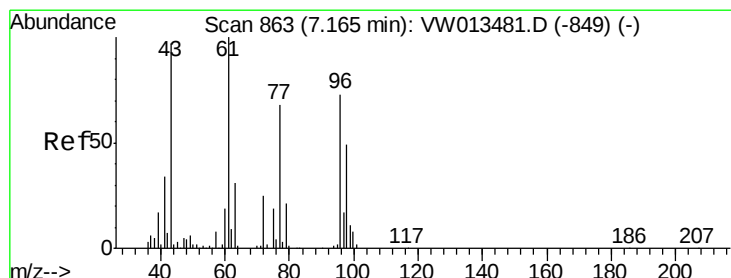
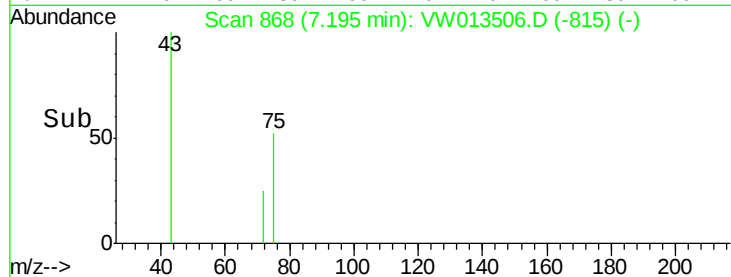
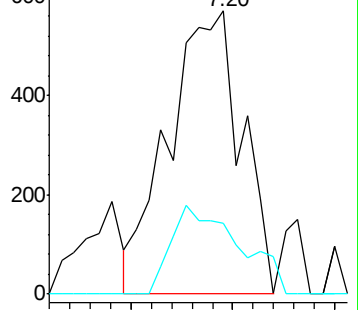
43 100

72 25.2 22.1 33.1



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: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW013506.D

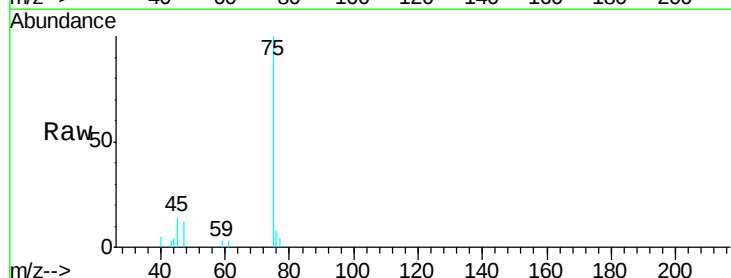
Acq: 09 Oct 2019 16:10

Tgt Ion: 77 Resp: 236

Ion Ratio Lower Upper

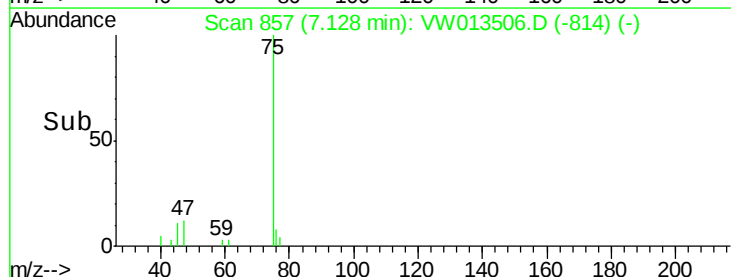
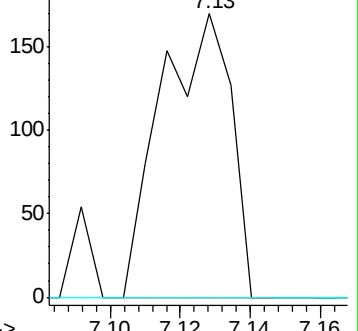
77 100

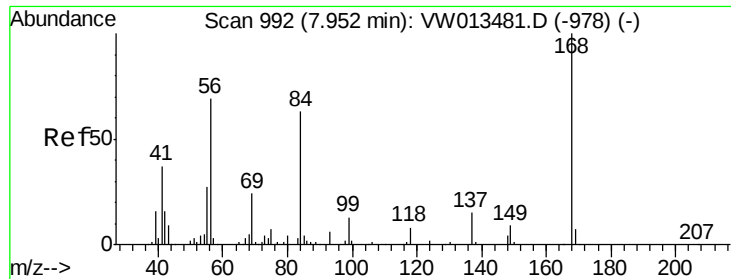
97 0.0 12.6 37.6#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

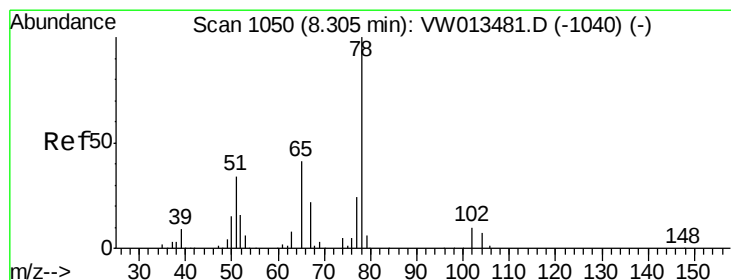
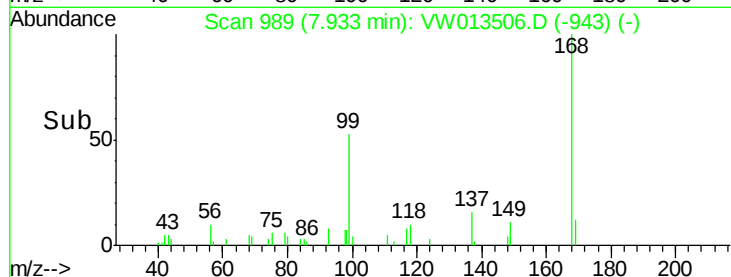
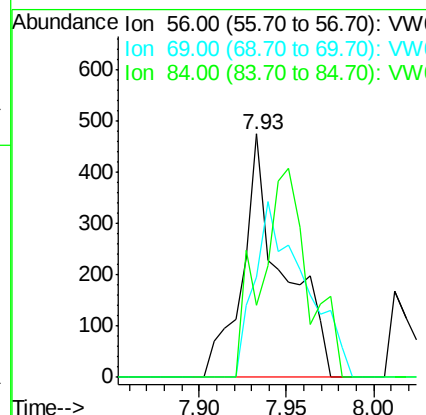
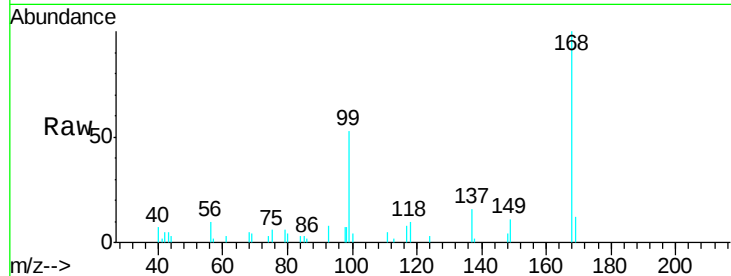




#31
Cyclohexane
Concen: 2.209 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

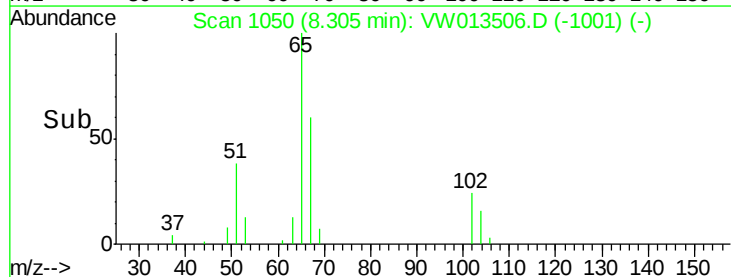
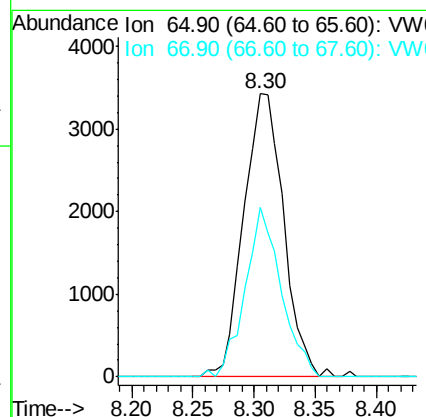
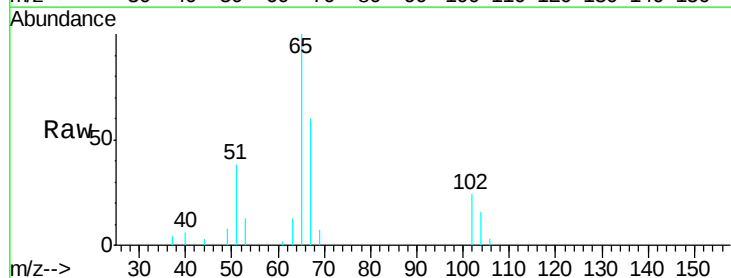
Instrument :
MSVOA_W
ClientSampled :
TP-2-S1

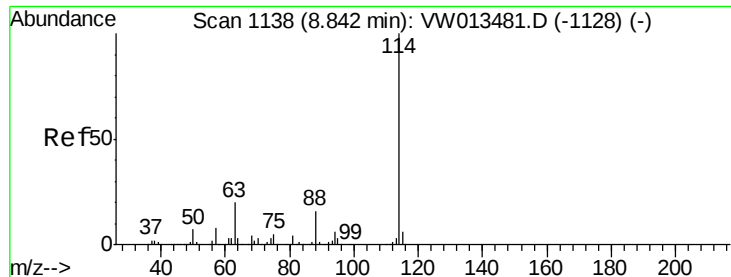
Tgt Ion: 56 Resp: 771
Ion Ratio Lower Upper
56 100
69 41.5 28.0 42.0
84 29.5 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 46.631 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

Tgt Ion: 65 Resp: 7779
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.4

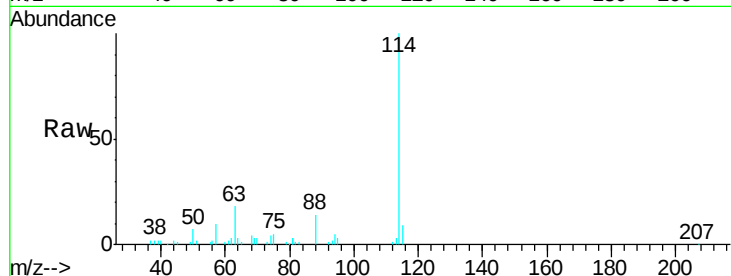




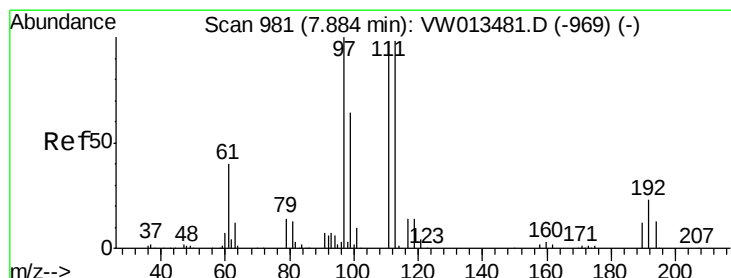
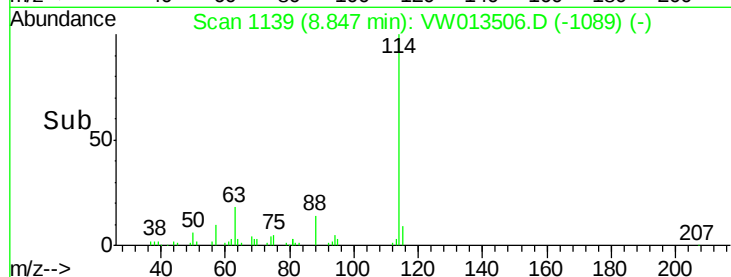
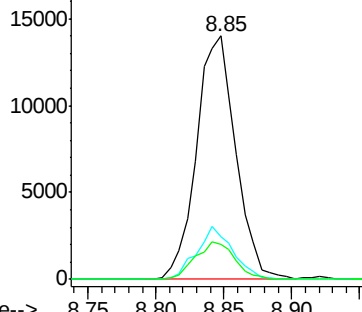
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S1

Tgt Ion:114 Resp: 28258
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 40.4
 88 14.5 0.0 31.4

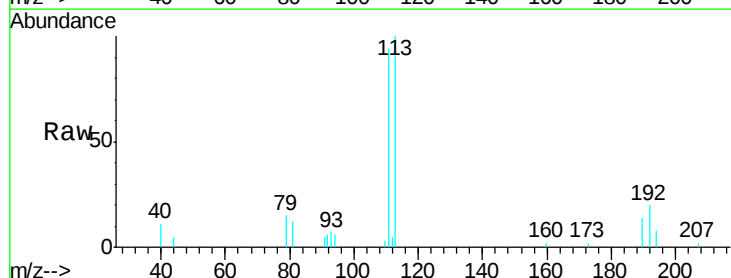


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

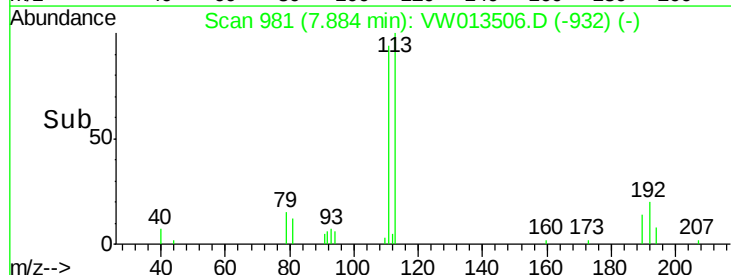
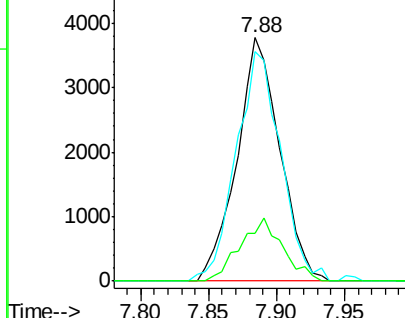


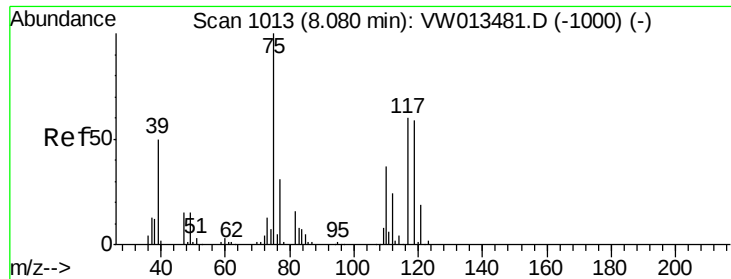
#35
 Dibromofluoromethane
 Concen: 52.830 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

Tgt Ion:113 Resp: 8338
 Ion Ratio Lower Upper
 113 100
 111 97.9 82.3 123.5
 192 25.4 19.3 28.9



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

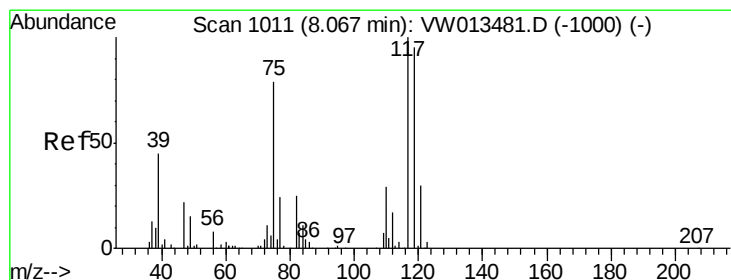
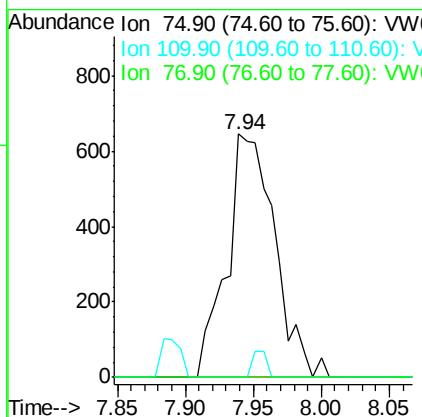
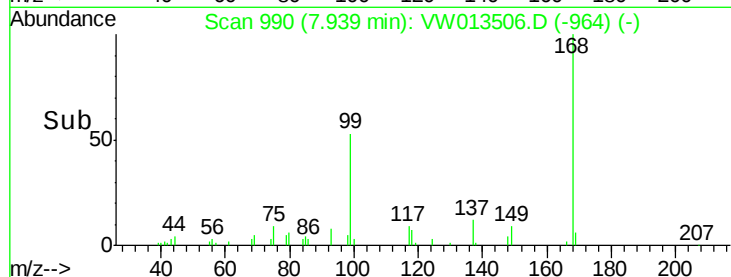
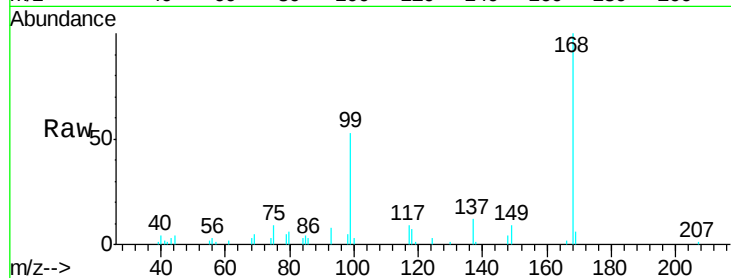




#36
 1,1-Dichloropropene
 Concen: 6.228 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

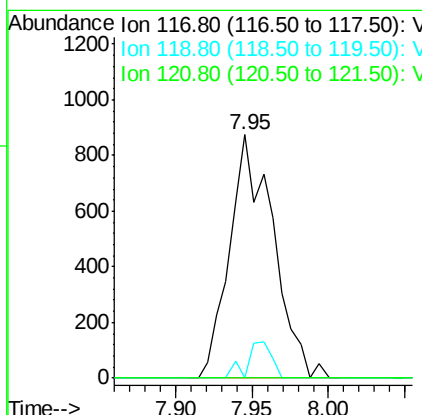
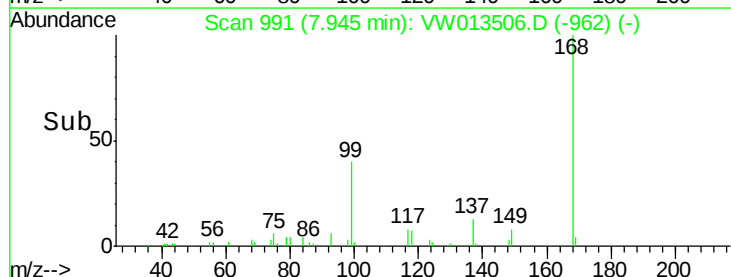
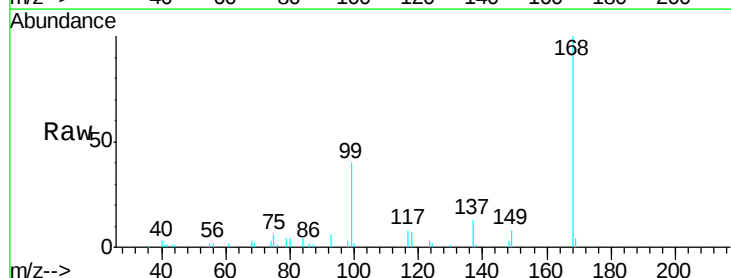
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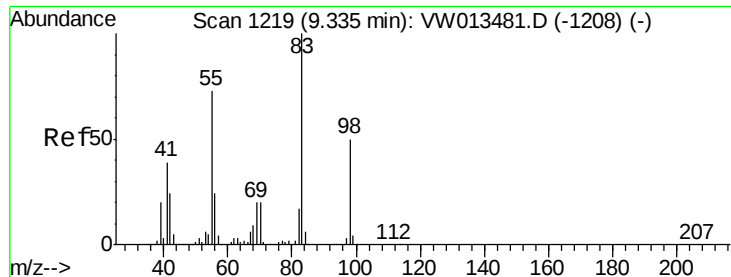
Tgt Ion: 75 Resp: 1592
 Ion Ratio Lower Upper
 75 100
 110 3.1 18.4 55.2#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 7.652 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

Tgt Ion: 117 Resp: 1734
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.3 114.5#
 121 0.0 23.6 35.4#

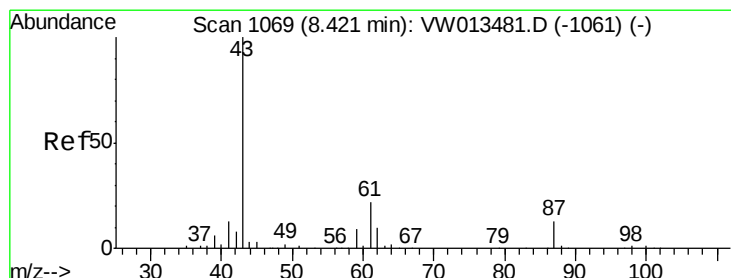
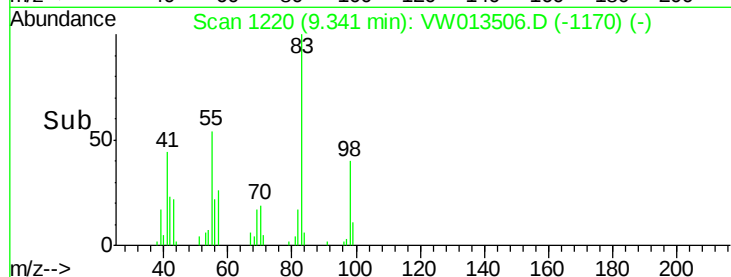
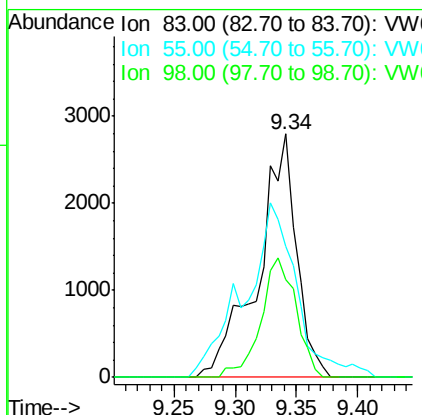
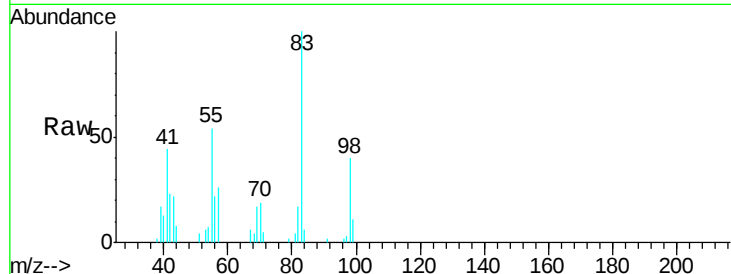




#39
Methylcyclohexane
Concen: 18.545 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

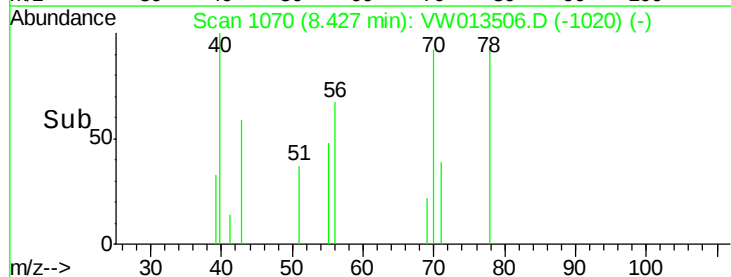
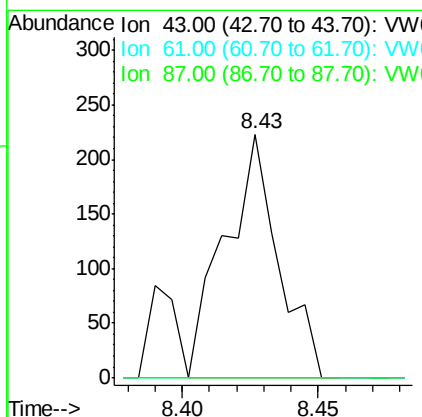
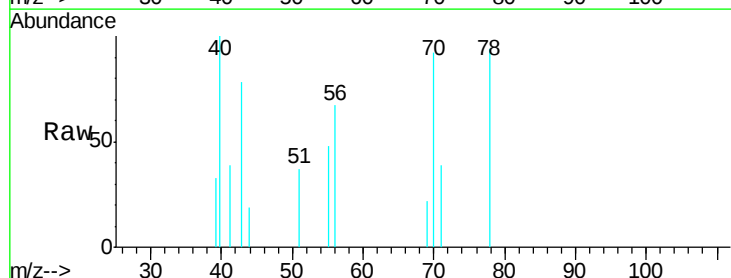
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S1

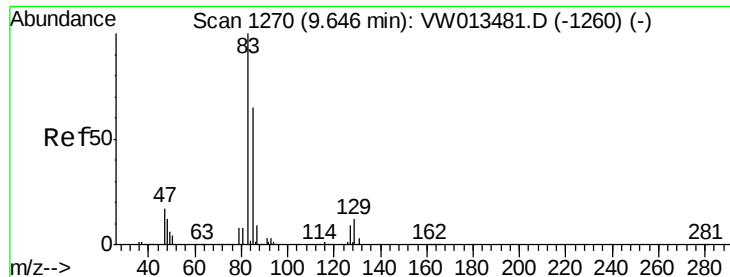
Tgt Ion: 83 Resp: 6142
Ion Ratio Lower Upper
83 100
55 54.0 58.2 87.4#
98 40.0 39.8 59.6



#43
Isopropyl Acetate
Concen: 1.451 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
61 0.0 25.4 38.2#
87 0.0 10.8 16.2#





#47

Bromodichloromethane

Concen: 2.230 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

Instrument :

MSVOA_W

ClientSampleId :

TP-2-S1

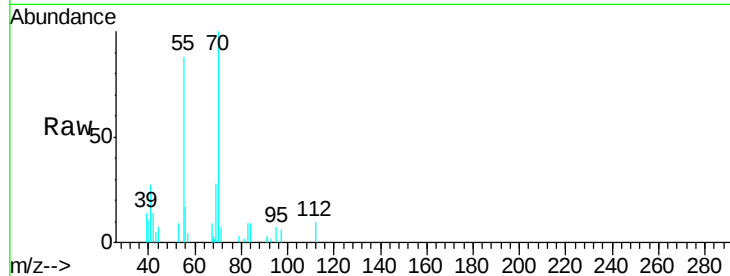
Tgt Ion: 83 Resp: 473

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

127 0.0 7.4 11.2#

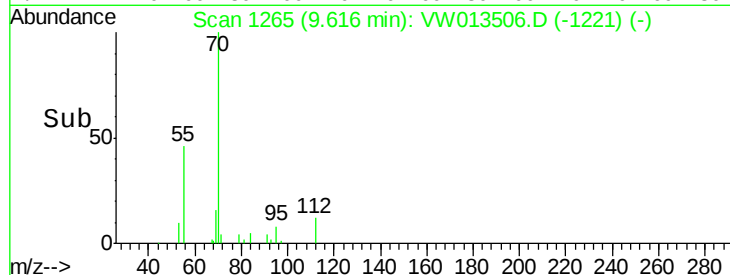


Abundance Ion 82.90 (82.60 to 83.60): VW

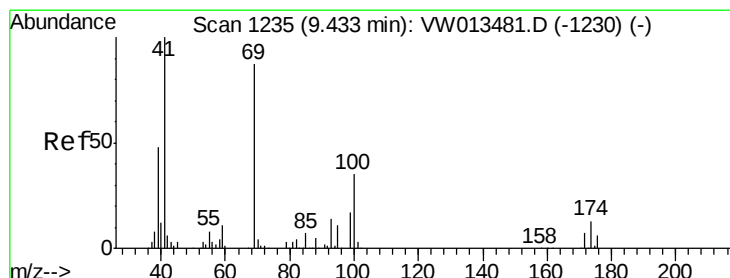
Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

Time--> 9.55 9.60 9.65



Time--> 9.55 9.60 9.65



#48

Methyl methacrylate

Concen: 3.924 ug/l

RT: 9.40 min Scan# 1229

Delta R.T. -0.04 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

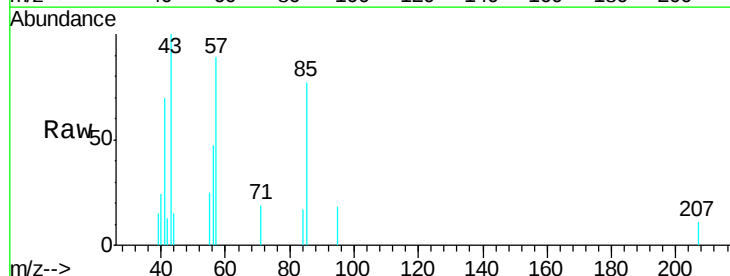
Tgt Ion: 41 Resp: 405

Ion Ratio Lower Upper

41 100

69 0.0 70.4 105.6#

39 71.4 37.3 55.9#

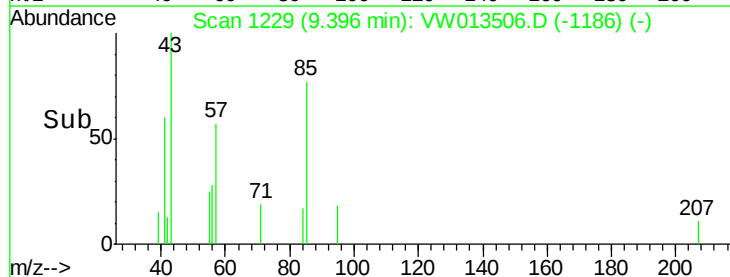


Abundance Ion 41.00 (40.70 to 41.70): VW

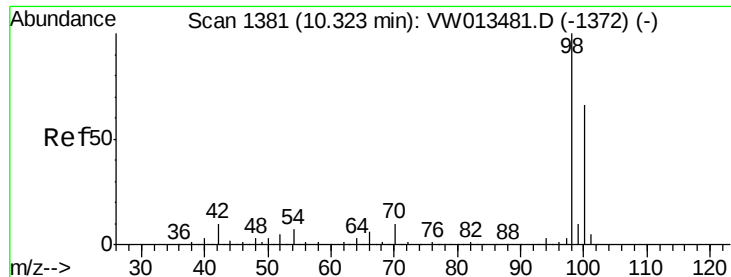
Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

Time--> 9.38 9.40 9.42



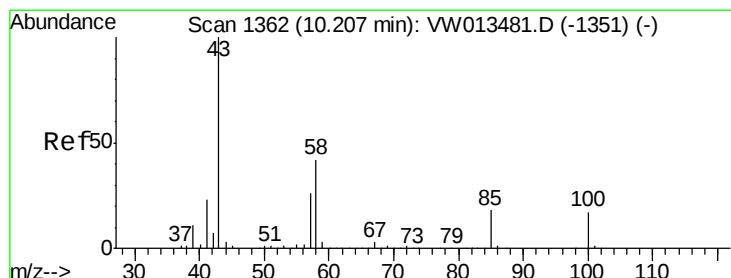
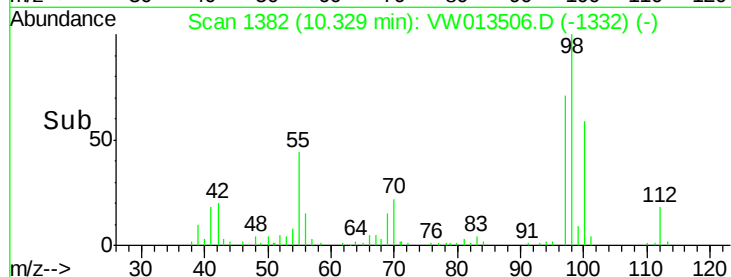
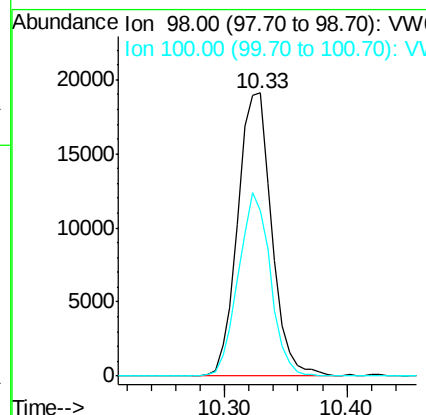
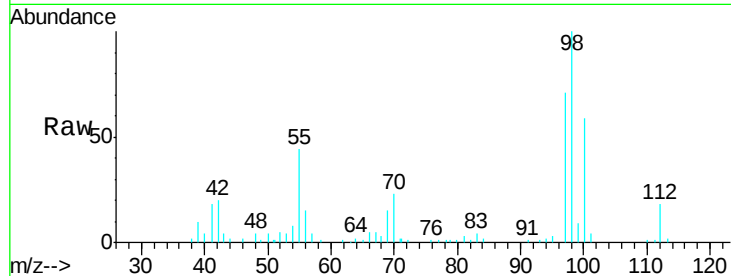
Time--> 9.38 9.40 9.42



#50
Toluene-d8
Concen: 55.209 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

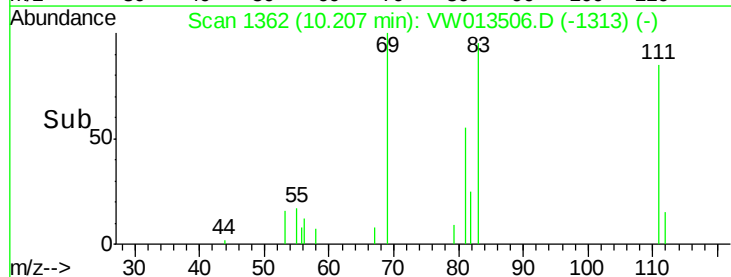
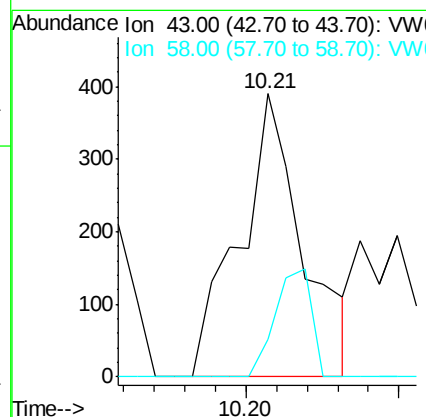
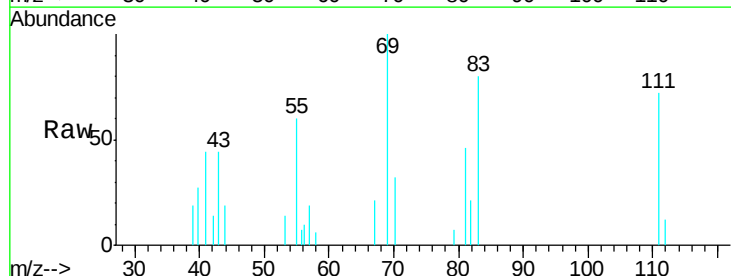
Instrument :
MSVOA_W
ClientSampled :
TP-2-S1

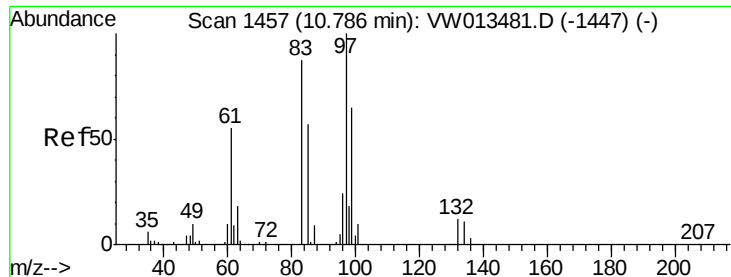
Tgt Ion: 98 Resp: 36618
Ion Ratio Lower Upper
98 100
100 61.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 5.101 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
58 21.9 32.8 49.2#

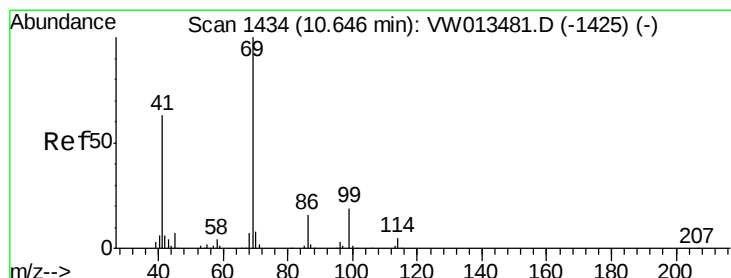
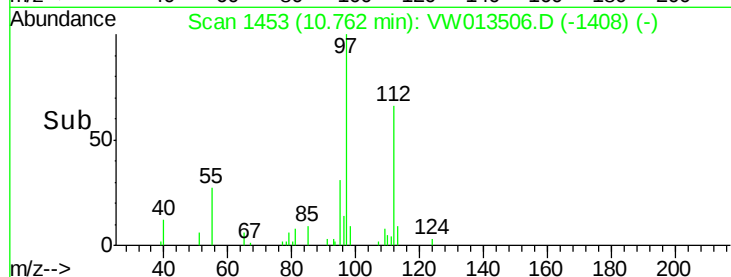
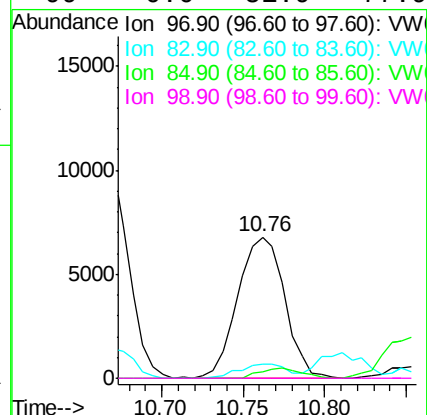
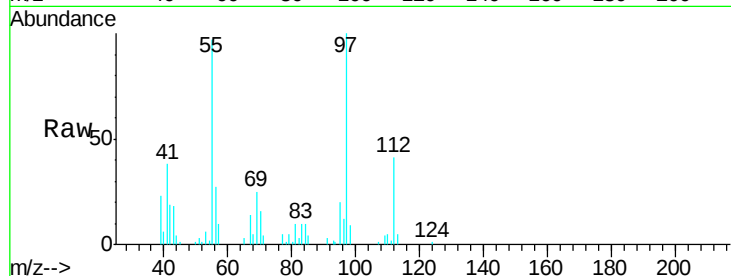




#55
 1,1,2-Trichloroethane
 Concen: 106.386 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

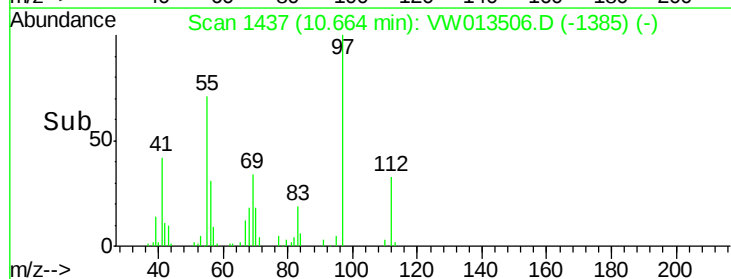
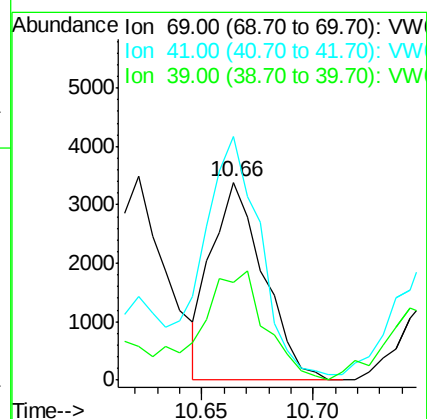
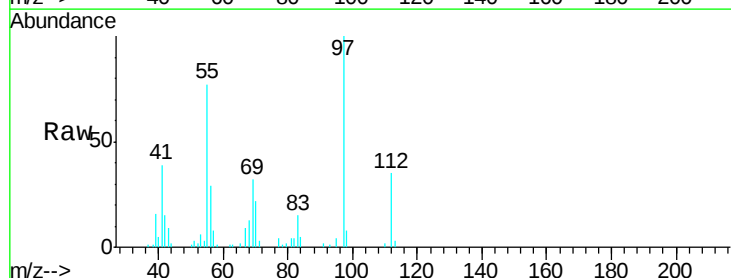
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S1

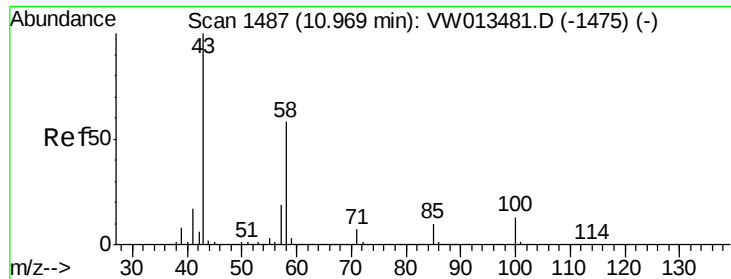
Tgt Ion: 97 Resp: 13625
 Ion Ratio Lower Upper
 97 100
 83 10.2 69.8 104.8#
 85 4.4 45.4 68.0#
 99 0.0 51.9 77.9#



#56
 Ethyl methacrylate
 Concen: 32.030 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

Tgt Ion: 69 Resp: 5525
 Ion Ratio Lower Upper
 69 100
 41 129.2 51.8 77.6#
 39 61.8 21.7 32.5#





#59

2-Hexanone

Concen: 365.971 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

Instrument :

MSVOA_W

ClientSampled :

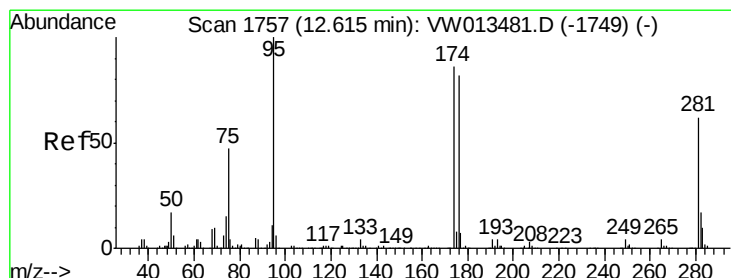
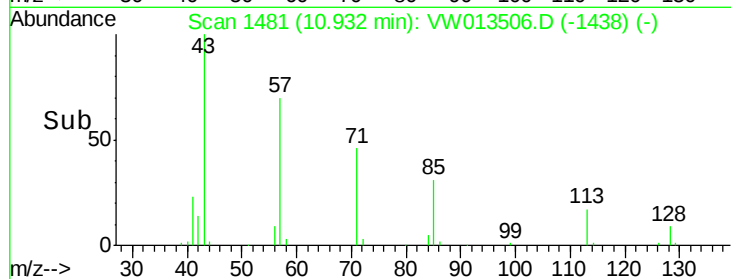
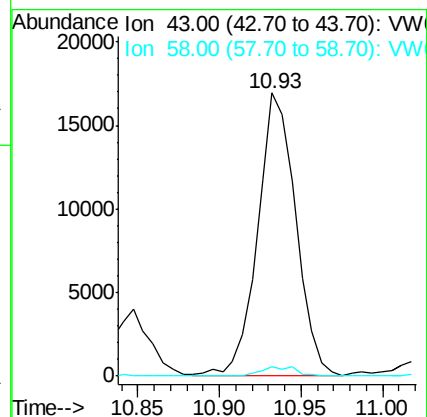
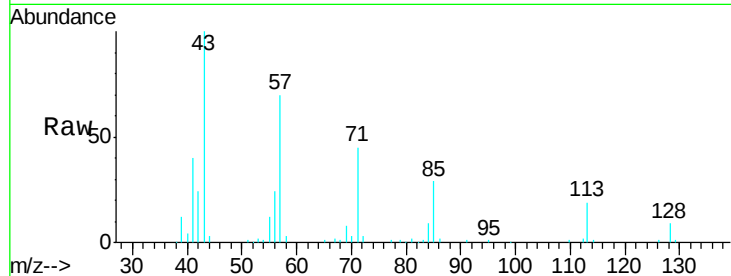
TP-2-S1

Tgt Ion: 43 Resp: 27646

Ion Ratio Lower Upper

43 100

58 3.0 28.4 85.2#



#62

4-Bromofluorobenzene

Concen: 60.190 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

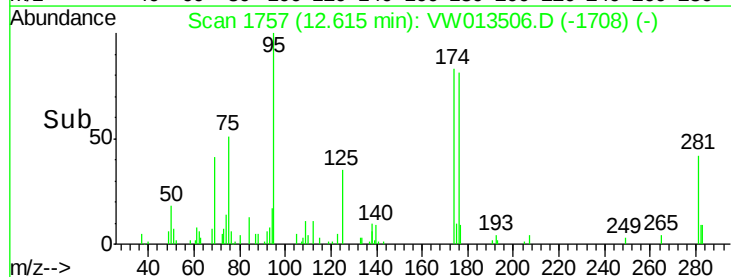
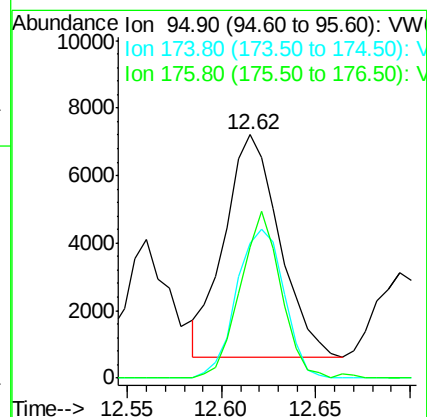
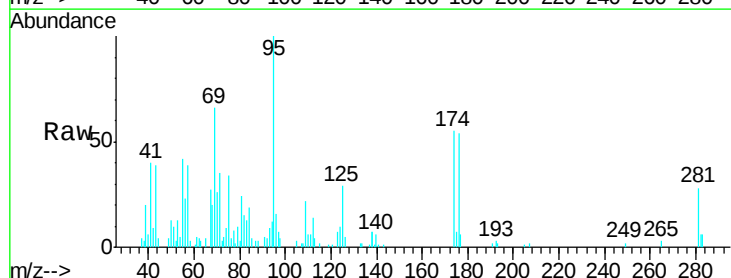
Tgt Ion: 95 Resp: 13411

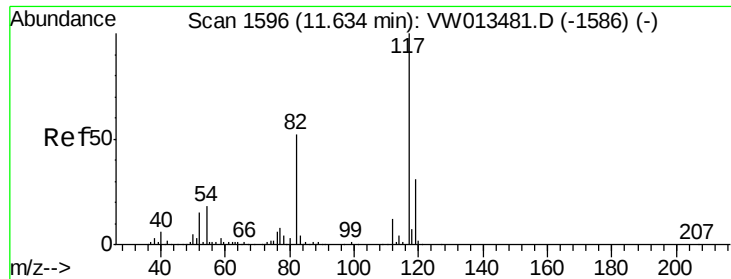
Ion Ratio Lower Upper

95 100

174 57.6 0.0 177.4

176 55.0 0.0 173.4

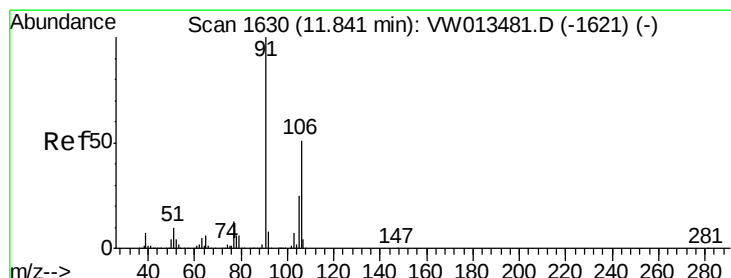
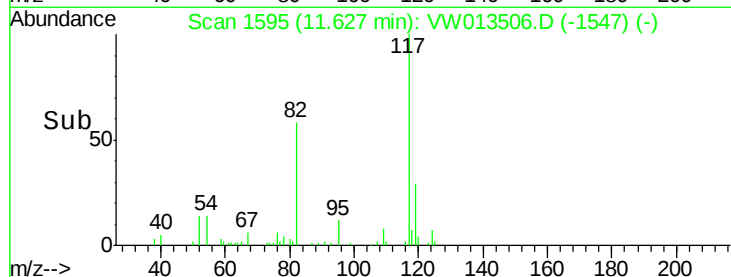
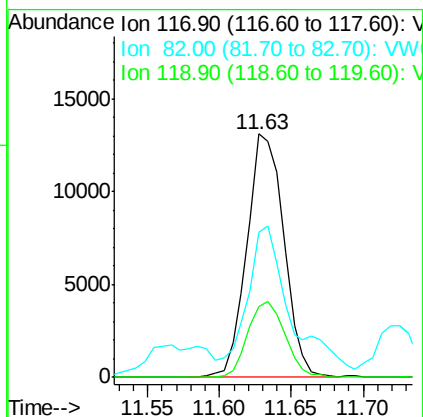
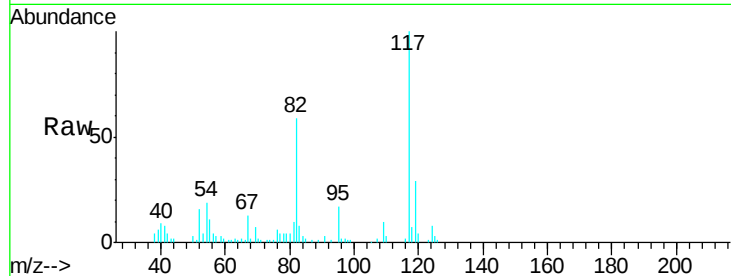




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

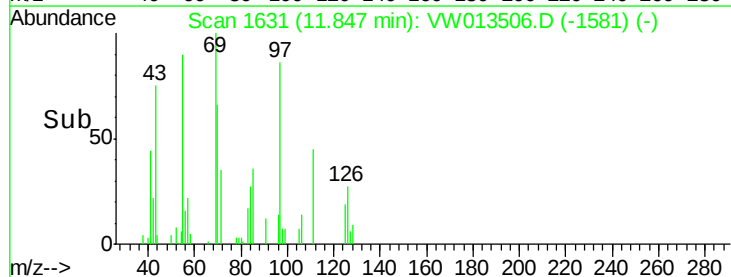
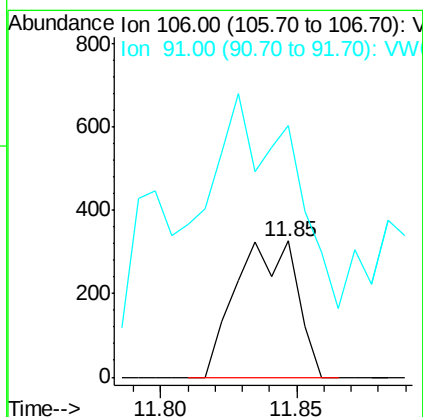
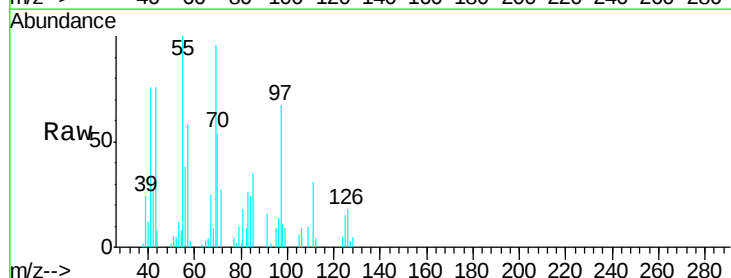
Instrument :
MSVOA_W
ClientSampled :
TP-2-S1

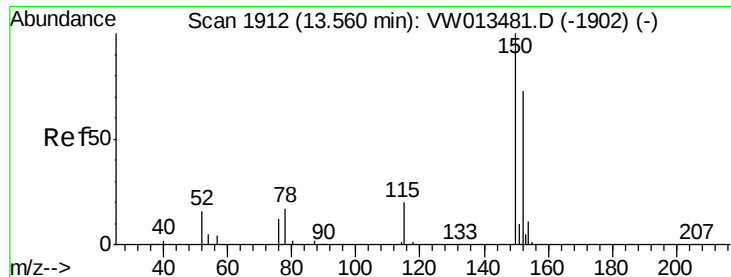
Tgt Ion:117 Resp: 23281
Ion Ratio Lower Upper
117 100
82 51.5 41.4 62.2
119 29.1 25.1 37.7



#68
m/p-Xylenes
Concen: 1.564 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

Tgt Ion:106 Resp: 503
Ion Ratio Lower Upper
106 100
91 202.0 156.2 234.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

Instrument :

MSVOA_W

ClientSampleId :

TP-2-S1

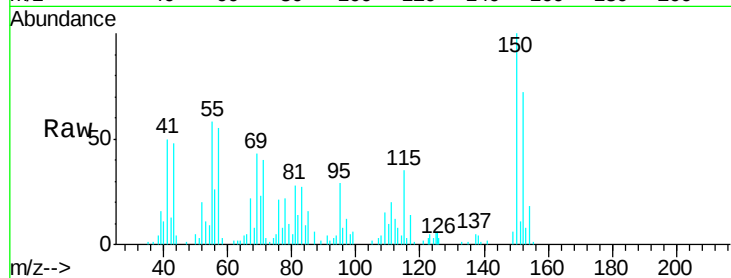
Tgt Ion:152 Resp: 7936

Ion Ratio Lower Upper

152 100

115 52.5 27.0 81.0

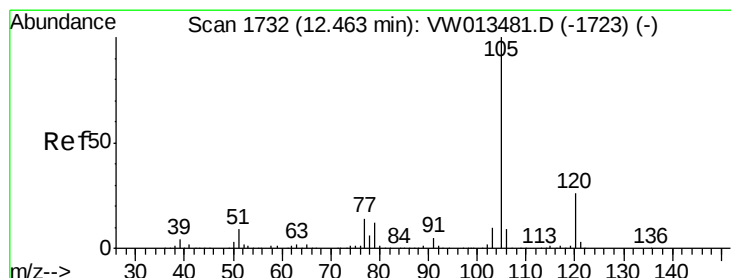
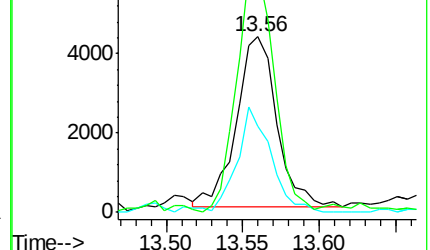
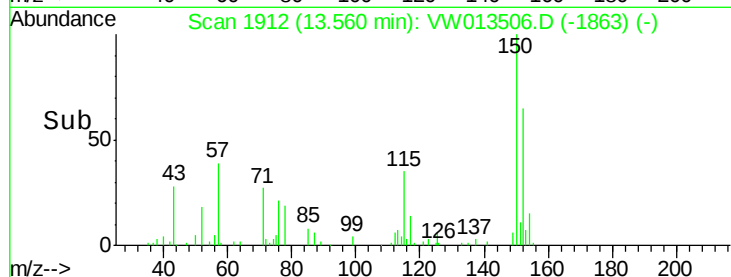
150 132.0 0.0 337.4



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: 1.194 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW013506.D

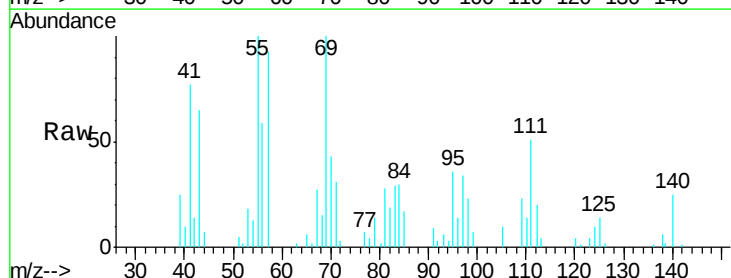
Acq: 09 Oct 2019 16:10

Tgt Ion:105 Resp: 679

Ion Ratio Lower Upper

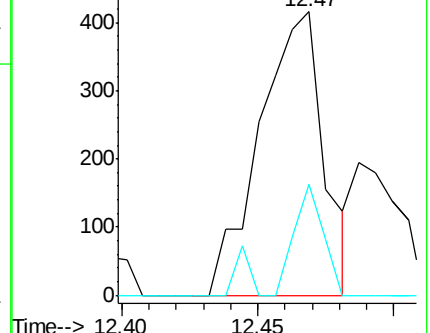
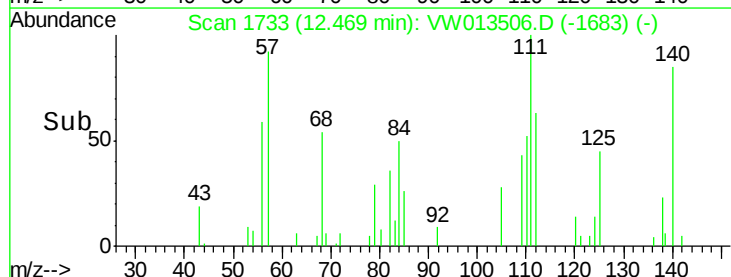
105 100

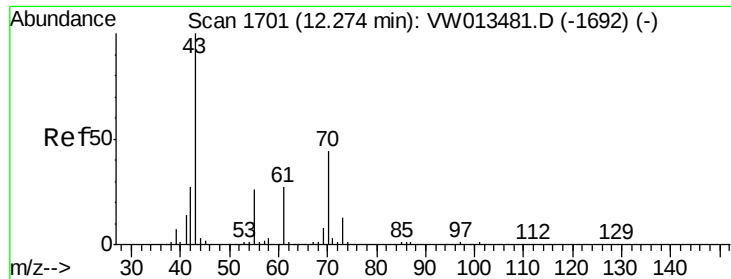
120 17.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 246.378 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

Instrument :

MSVOA_W

ClientSampled :

TP-2-S1

Tgt Ion: 43 Resp: 30631

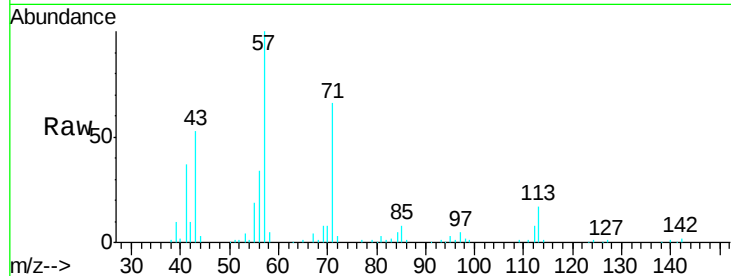
Ion Ratio Lower Upper

43 100

70 22.2 35.3 52.9#

55 0.0 20.0 30.0#

61 0.0 21.2 31.8#

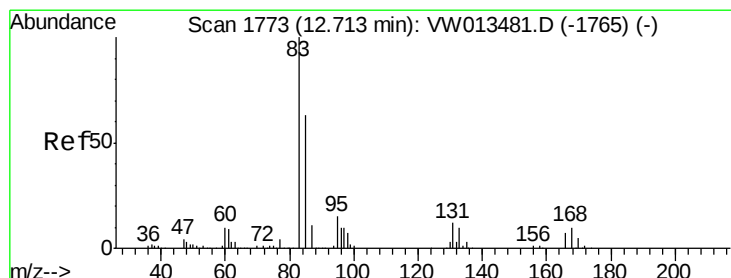
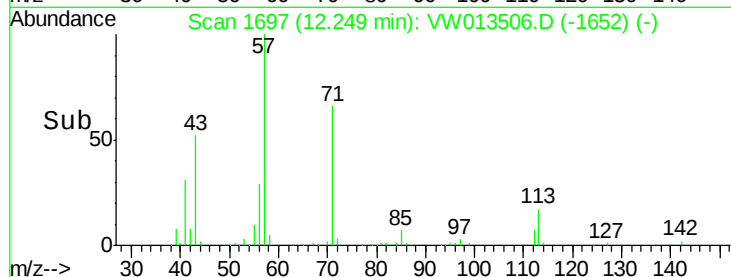
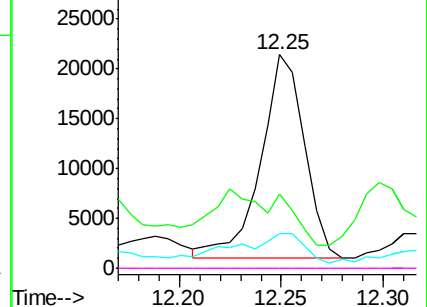


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 27.278 ug/l

RT: 12.68 min Scan# 1768

Delta R.T. -0.03 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

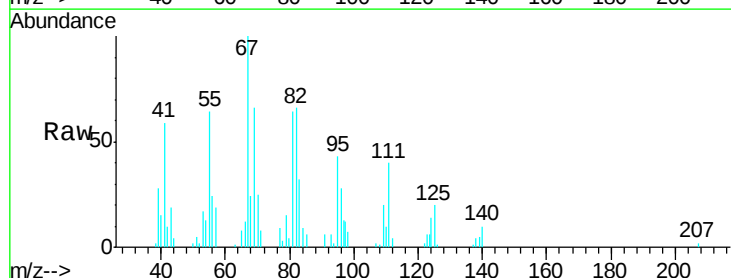
Tgt Ion: 83 Resp: 2643

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

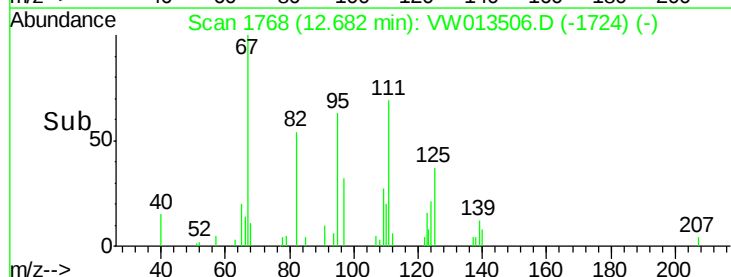
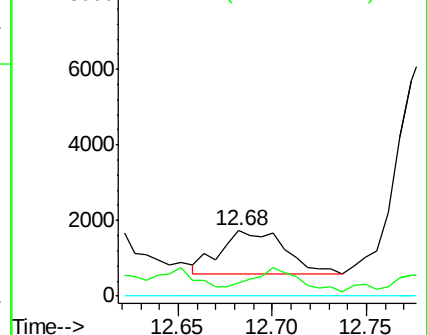
85 41.8 32.5 97.4

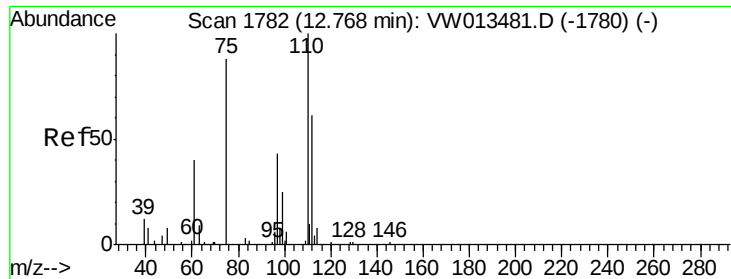


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 61.093 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

Instrument :

MSVOA_W

ClientSampleId :

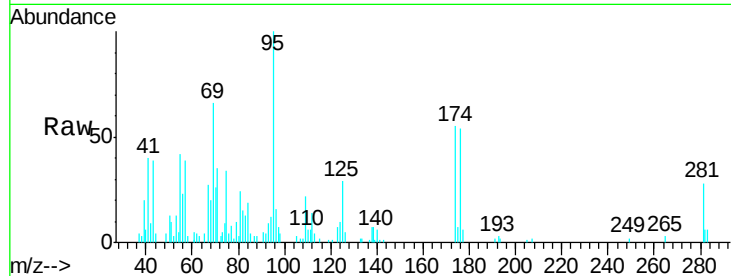
TP-2-S1

Tgt Ion: 75 Resp: 4038

Ion Ratio Lower Upper

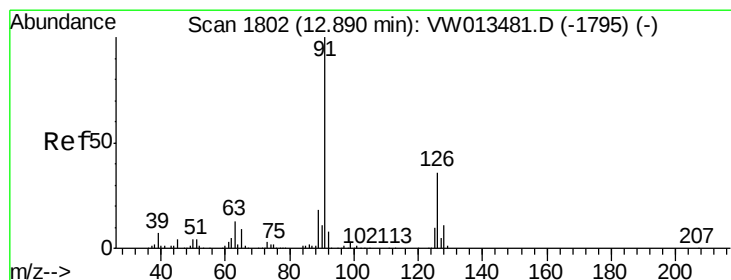
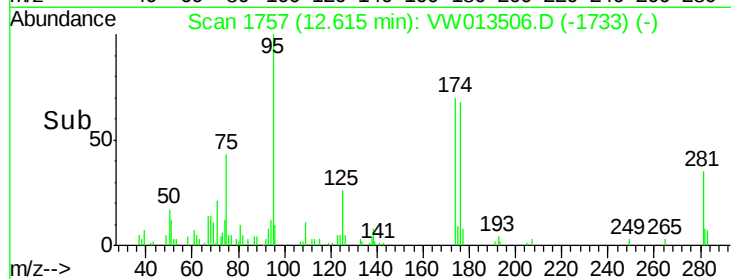
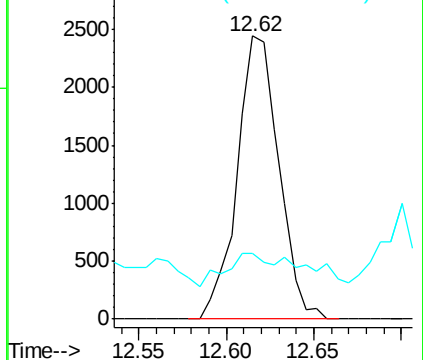
75 100

77 12.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#79

2-Chlorotoluene

Concen: 1.884 ug/l

RT: 13.01 min Scan# 1822

Delta R.T. 0.12 min

Lab File: VW013506.D

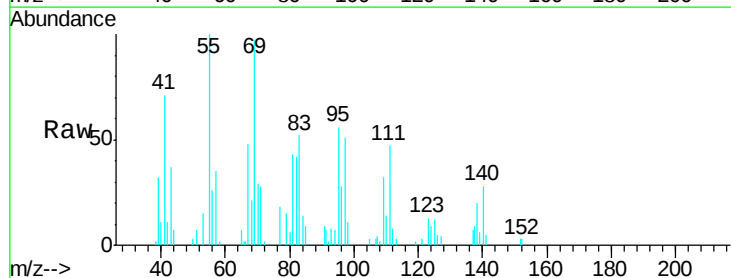
Acq: 09 Oct 2019 16:10

Tgt Ion: 91 Resp: 694

Ion Ratio Lower Upper

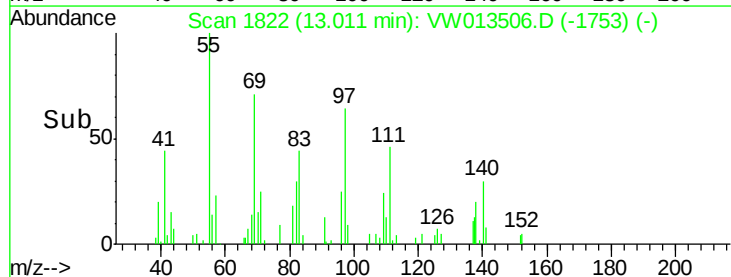
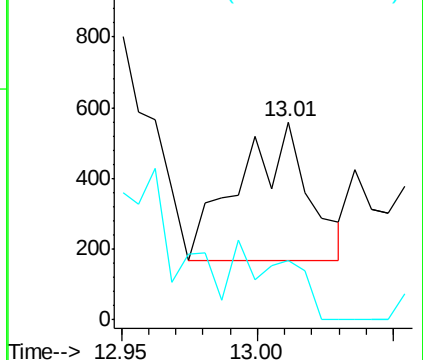
91 100

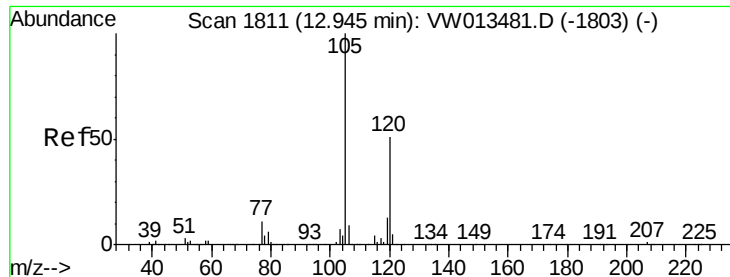
126 42.1 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

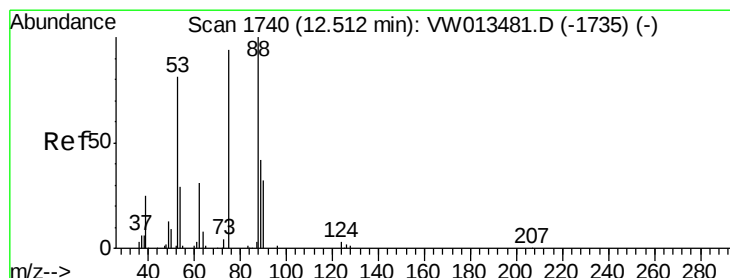
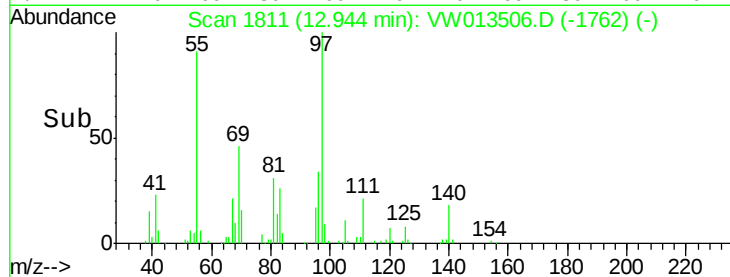
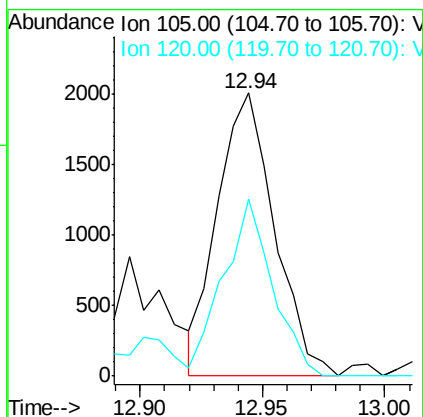
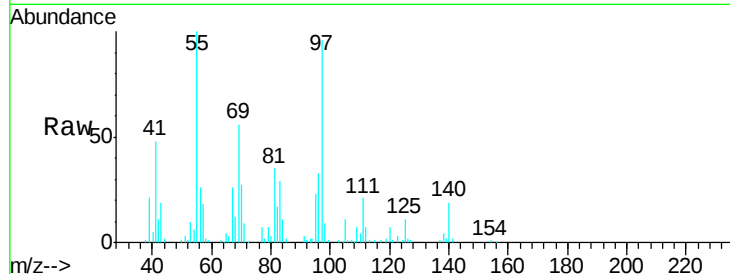




#80
 1,3,5-Trimethylbenzene
 Concen: 6.870 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

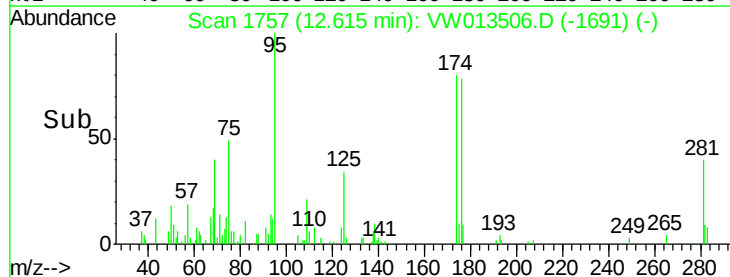
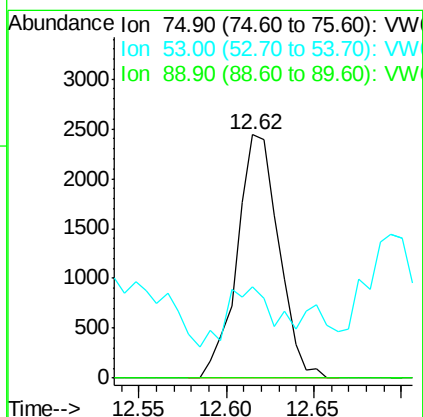
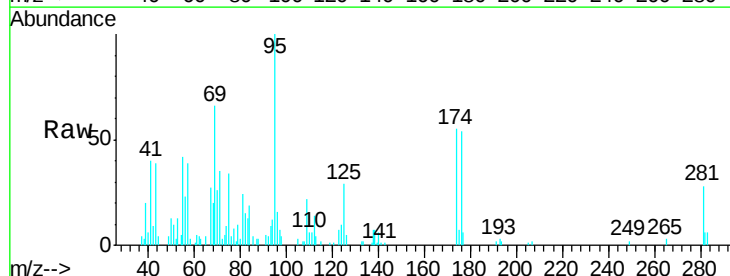
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2-S1

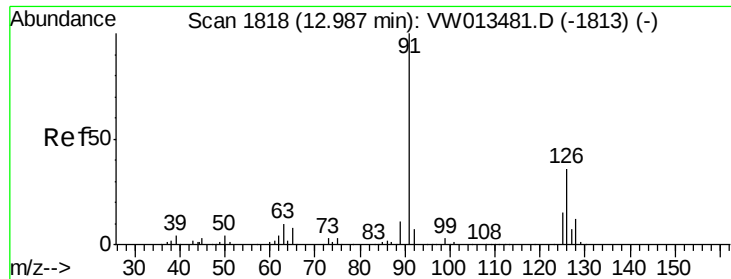
Tgt Ion: 105 Resp: 3245
 Ion Ratio Lower Upper
 105 100
 120 54.1 25.4 76.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.885 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

Tgt Ion: 75 Resp: 4038
 Ion Ratio Lower Upper
 75 100
 53 28.3 71.0 106.6#
 89 0.0 36.1 54.1#





#82

4-Chlorotoluene

Concen: 1.816 ug/l

RT: 13.01 min Scan# 1822

Delta R.T. 0.02 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

Instrument :

MSVOA_W

ClientSampled :

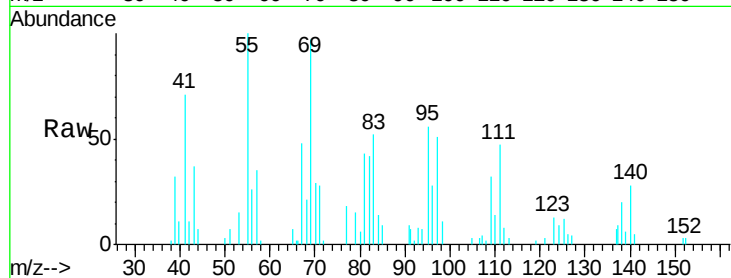
TP-2-S1

Tgt Ion: 91 Resp: 694

Ion Ratio Lower Upper

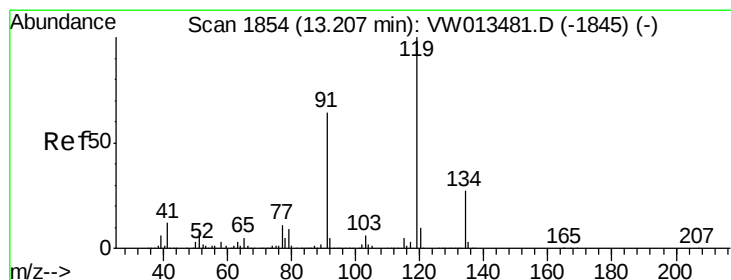
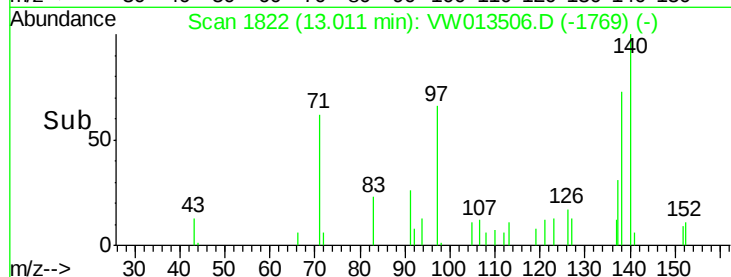
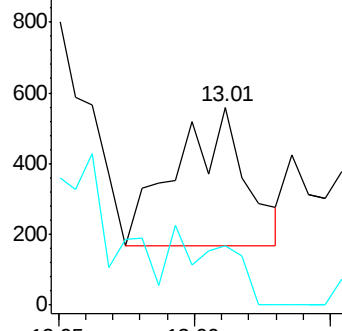
91 100

126 42.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 2.863 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

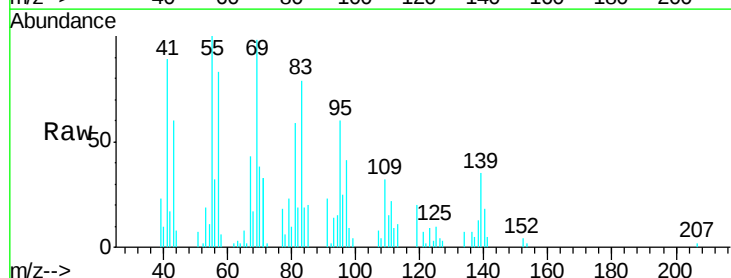
Tgt Ion: 119 Resp: 1201

Ion Ratio Lower Upper

119 100

91 77.2 30.6 91.6

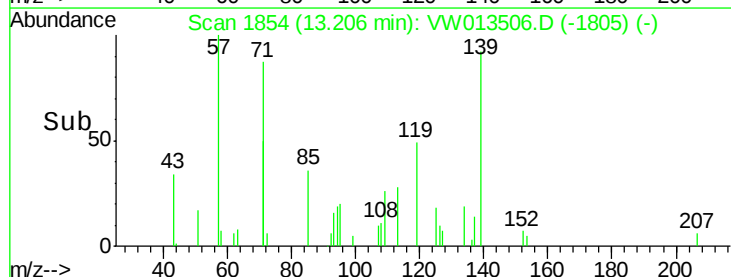
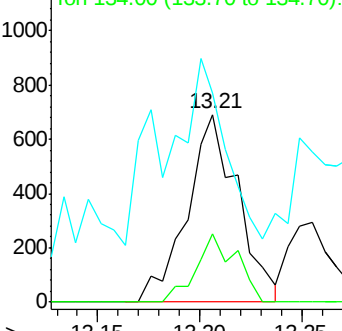
134 28.7 13.8 41.3

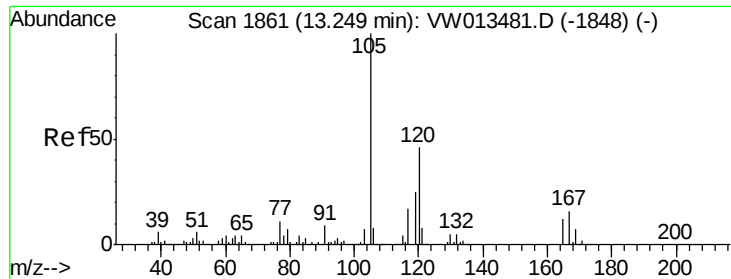


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

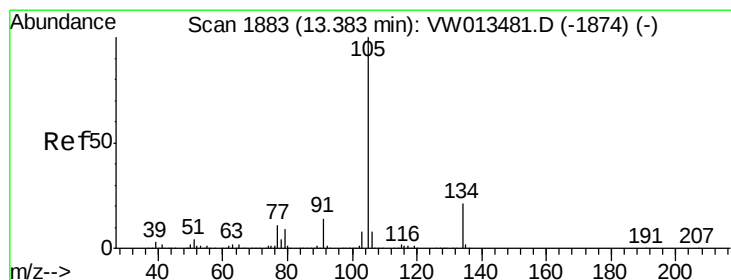
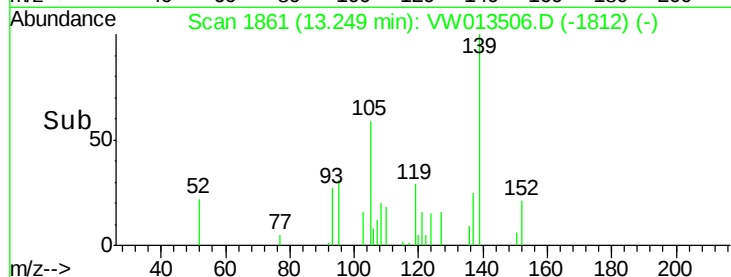
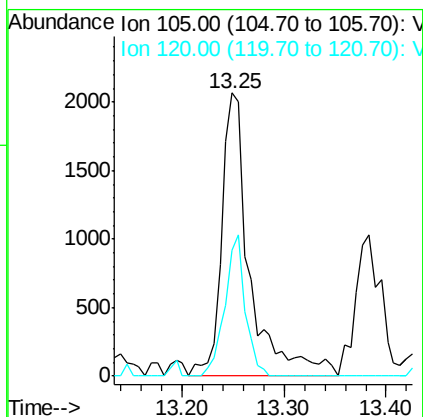
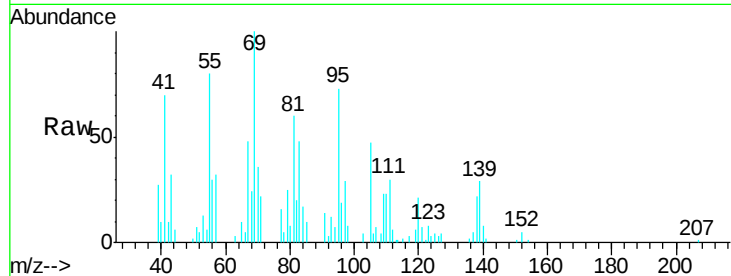




#84
 1,2,4-Trimethylbenzene
 Concen: 8.507 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

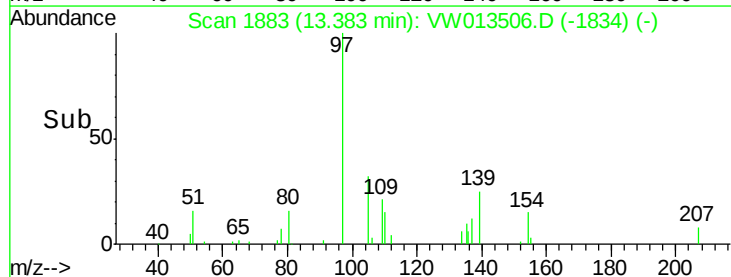
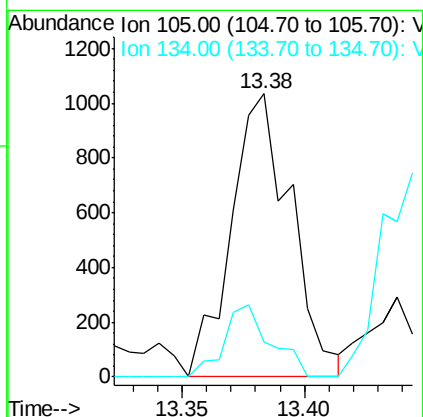
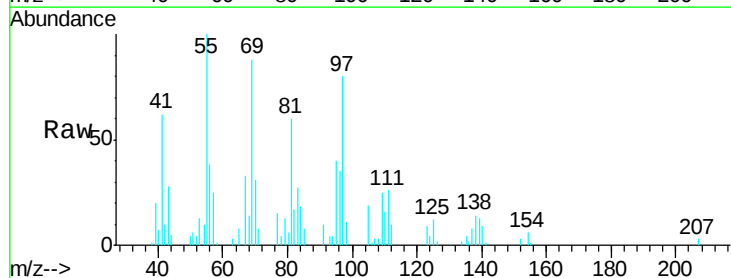
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S1

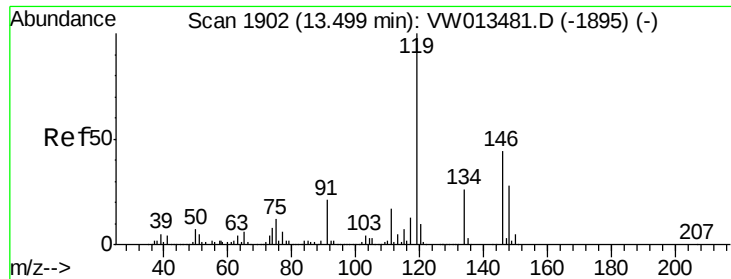
Tgt Ion:105 Resp: 3974
 Ion Ratio Lower Upper
 105 100
 120 36.0 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 3.037 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

Tgt Ion:105 Resp: 1760
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.4

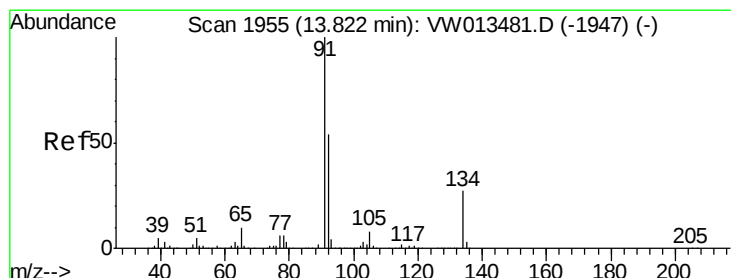
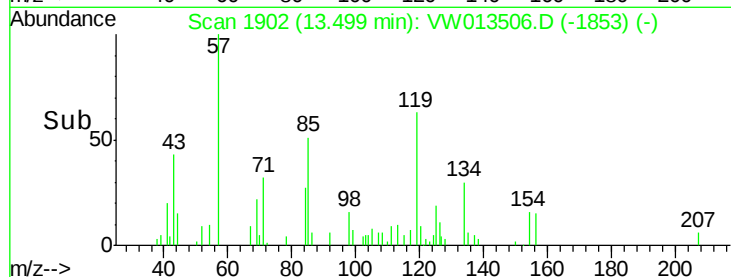
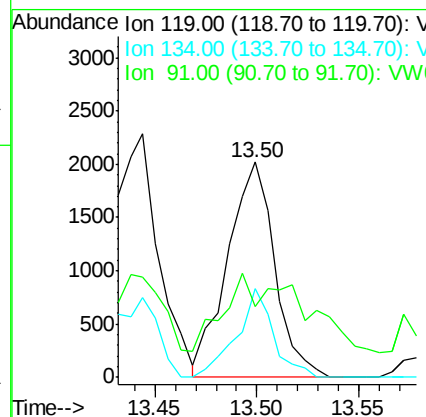
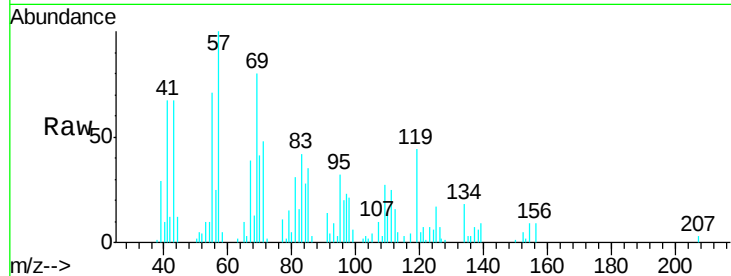




#86
p-Isopropyltoluene
Concen: 6.069 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

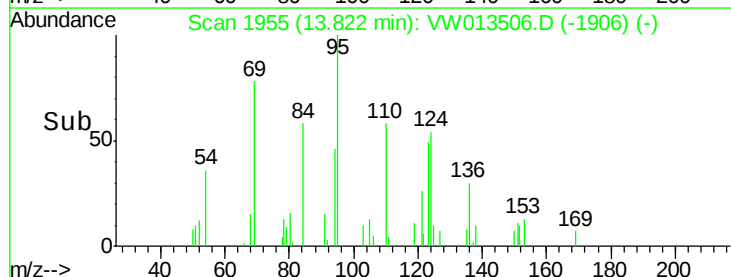
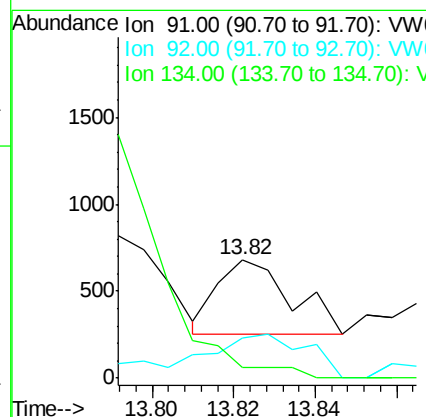
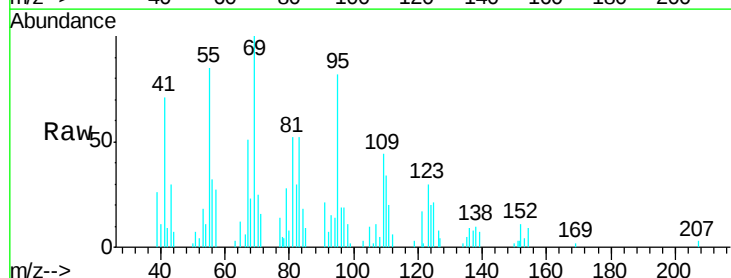
Instrument :
MSVOA_W
ClientSampled :
TP-2-S1

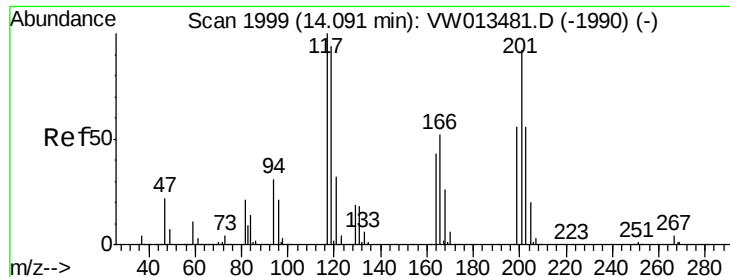
Tgt Ion: 119 Resp: 3232
Ion Ratio Lower Upper
119 100
134 32.4 13.1 39.1
91 24.2 10.8 32.3



#89
n-Butylbenzene
Concen: 1.102 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

Tgt Ion: 91 Resp: 530
Ion Ratio Lower Upper
91 100
92 88.1 27.5 82.4#
134 0.0 13.8 41.3#





#90

Hexachloroethane

Concen: 6.388 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

Instrument :

MSVOA_W

ClientSampled :

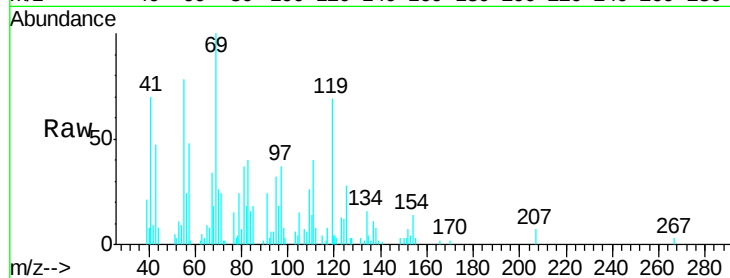
TP-2-S1

Tgt Ion: 117 Resp: 582

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

500

400

300

200

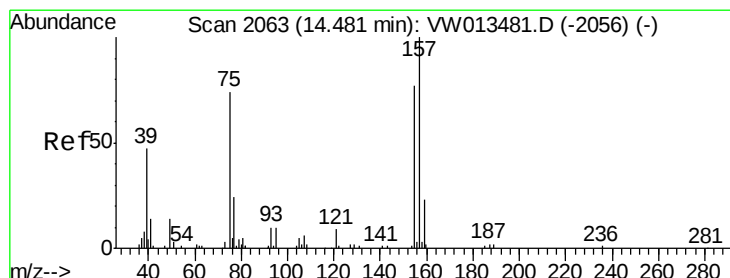
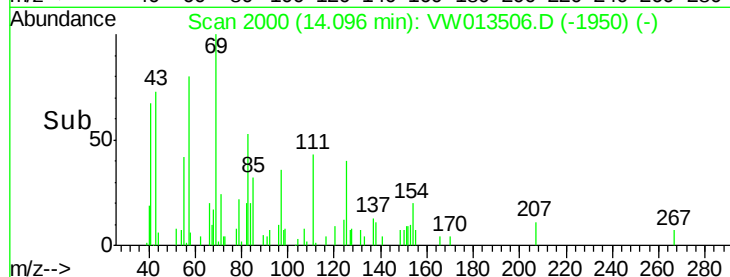
100

0

14.05

14.10

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.360 ug/l

RT: 14.45 min Scan# 2058

Delta R.T. -0.03 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

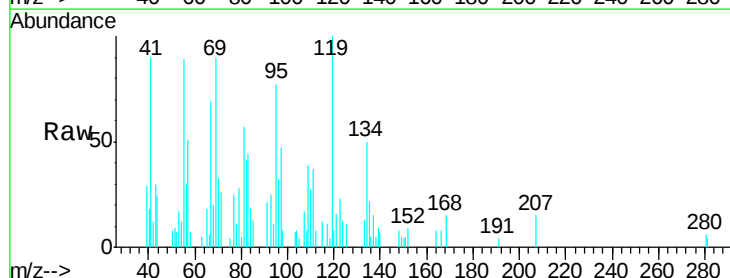
Tgt Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

155 0.0 51.0 153.1#

157 0.0 65.9 197.7#



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

80

60

40

20

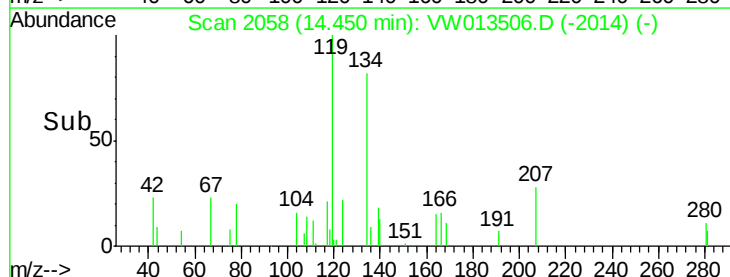
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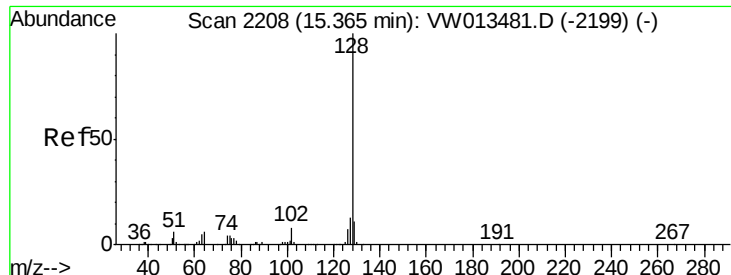
14.44

14.45

14.46

Time-->





#95
Naphthalene
Concen: 2.002 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

Instrument :
MSVOA_W
ClientSampleId :
TP-2-S1

Tgt Ion	Ratio	Lower	Upper
128	100		
127	21.7	10.6	16.0
129	0.0	8.8	13.2

