

Data File : VW013127.D
Acq On : 18 Sep 2019 21:12
Operator : SY/VA
Sample : K4944-01
Misc : 4.58G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP

Quant Time: Sep 19 07:58:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	464897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	242829	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139672	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.88	113	130586	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
50) Toluene-d8	10.32	98	671122	67.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.98%	
62) 4-Bromofluorobenzene	12.62	95	440982	124.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	248.48%	

Target Compounds

						Qvalue
3) Chloromethane	2.20	50	229	Below Cal	#	41
11) Tert butyl alcohol	5.18	59	202	Below Cal	#	72
16) Acetone	4.14	43	13672	4.047	ug/l #	85
20) Methylene Chloride	4.92	84	8300	Below Cal	#	81
26) 2,2-Dichloropropane	7.13	77	135	Below Cal	#	55
31) Cyclohexane	7.95	56	57249	13.474	ug/l #	88
36) 1,1-Dichloropropene	7.94	75	19561	5.266	ug/l #	56
38) Carbon Tetrachloride	7.95	117	26283	6.904	ug/l #	14
39) Methylcyclohexane	9.33	83	844561	207.470	ug/l	97
43) Isopropyl Acetate	8.43	43	11780	3.111	ug/l #	53
45) 1,2-Dichloropropane	9.33	63	8346	3.029	ug/l #	1
47) Bromodichloromethane	9.61	83	11801	3.187	ug/l #	45
48) Methyl methacrylate	9.51	41	95576	53.790	ug/l #	47
51) 4-Methyl-2-Pentanone	10.10	43	1152172	589.459	ug/l #	44
52) Toluene	10.38	92	325881	49.451	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	1340451	666.550	ug/l #	20
56) Ethyl methacrylate	10.66	69	250908	92.692	ug/l #	31
59) 2-Hexanone	10.94	43	1725920	1268.102	ug/l #	31
60) Dibromochloromethane	11.04	129	4951	2.036	ug/l #	51
61) 1,2-Dibromoethane	11.24	107	2444	1.332	ug/l #	3
65) Chlorobenzene	11.56	112	33175	6.309	ug/l #	42
67) Ethyl Benzene	11.73	91	1708374	175.924	ug/l	98
68) m/p-Xylenes	11.84	106	1728450	487.228	ug/l	93
69) o-Xylene	12.16	106	4210182	1265.891	ug/l	92
70) Styrene	12.16	104	226861	38.345	ug/l #	1
73) Isopropylbenzene	12.46	105	385250	23.935	ug/l	100
74) N-amyl acetate	12.26	43	4250761	1026.659	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.66	83	172681	61.084	ug/l #	1
76) 1,2,3-Trichloropropane	12.80	75	5922	2.784	ug/l #	100
77) Bromobenzene	12.72	156	10017	2.701	ug/l #	1
78) n-propylbenzene	12.80	91	829220	43.798	ug/l #	53
79) 2-Chlorotoluene	12.80	91	829220	76.189	ug/l	76
80) 1,3,5-Trimethylbenzene	12.95	105	11190422	821.819	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.46	75	4774	5.092	ug/l #	1

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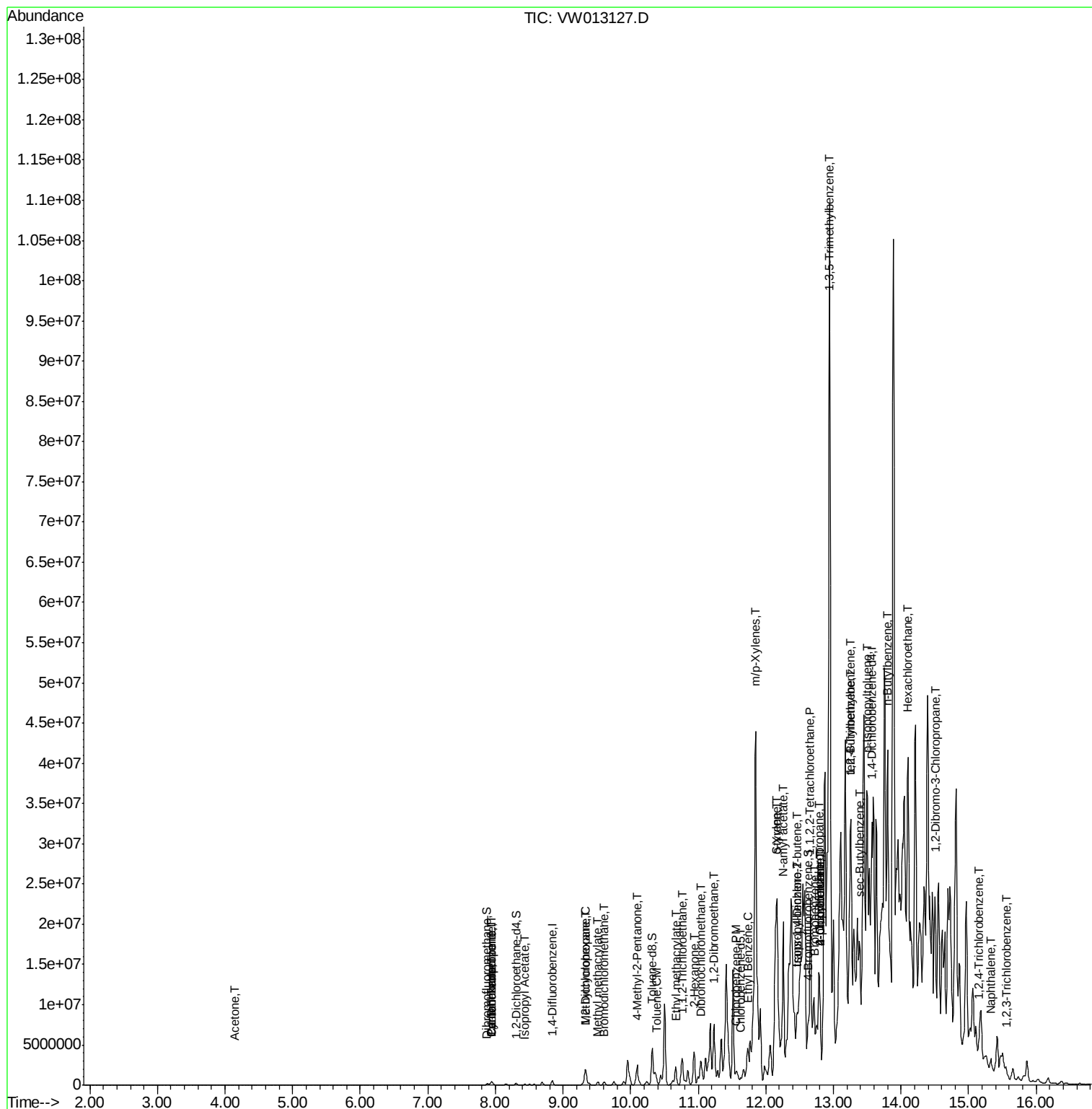
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.80	91	829220	72.209	ug/l	77
83) tert-Butylbenzene	13.26	119	1850237	151.912	ug/l #	79
84) 1,2,4-Trimethylbenzene	13.26	105	13087231	972.630	ug/l	90
85) sec-Butylbenzene	13.39	105	1516146	91.367	ug/l	89
86) p-Isopropyltoluene	13.51	119	3136470	205.869	ug/l	97
89) n-Butylbenzene	13.80	91	4434872	308.661	ug/l #	1
90) Hexachloroethane	14.10	117	1218888	446.443	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.51	75	31419	60.718	ug/l #	19
93) 1,2,4-Trichlorobenzene	15.14	180	8247	1.791	ug/l #	12
95) Naphthalene	15.32	128	47201	6.136	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.57	180	20946	5.147	ug/l #	12

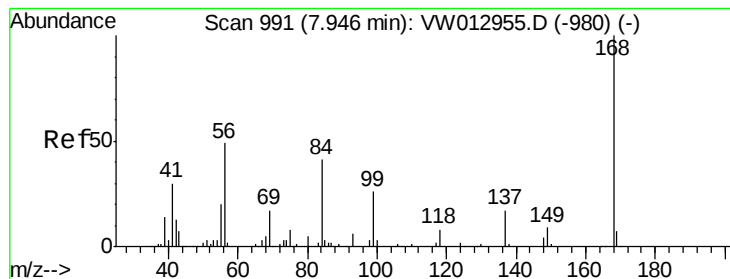
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013127.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

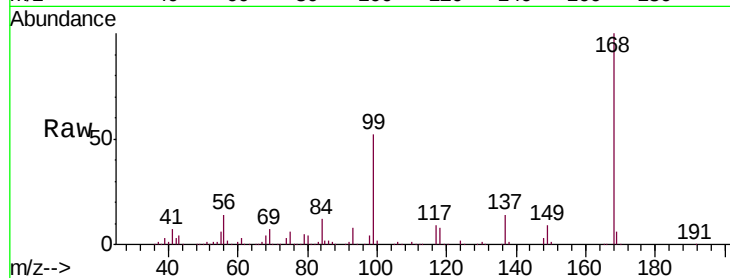
DRUM-COMP

Tgt Ion:168 Resp: 293064

Ion Ratio Lower Upper

168 100

99 51.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

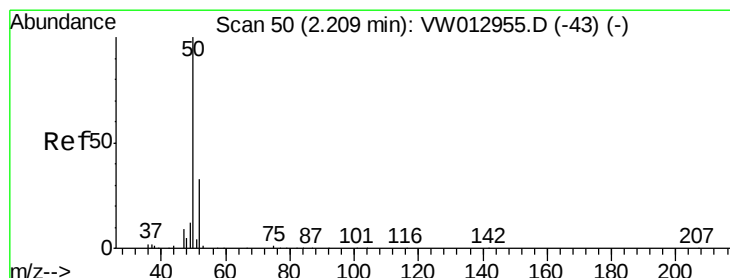
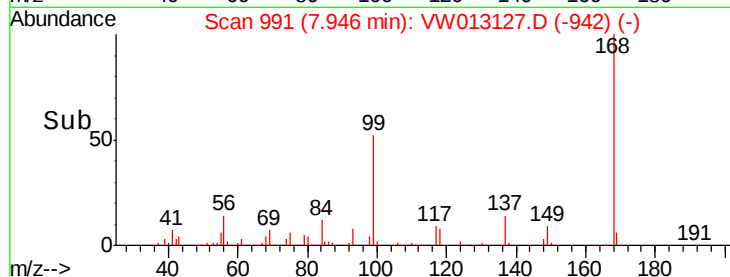
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW013127.D

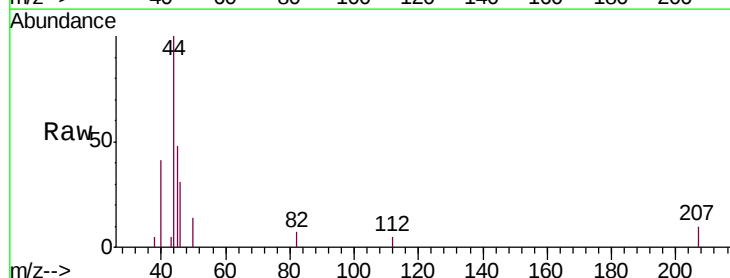
Acq: 18 Sep 2019 21:12

Tgt Ion: 50 Resp: 229

Ion Ratio Lower Upper

50 100

52 0.0 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.20

200

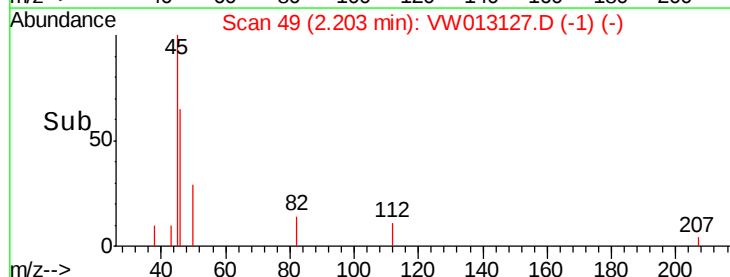
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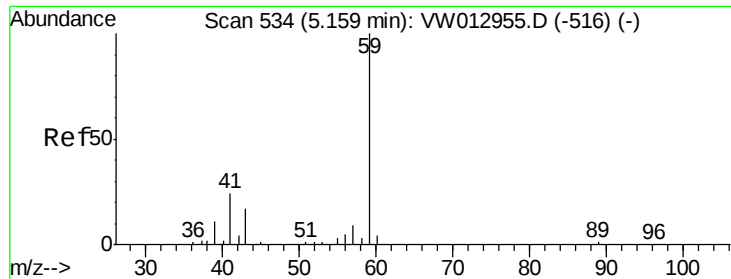
100

50

0

Time--> 2.18 2.20 2.22

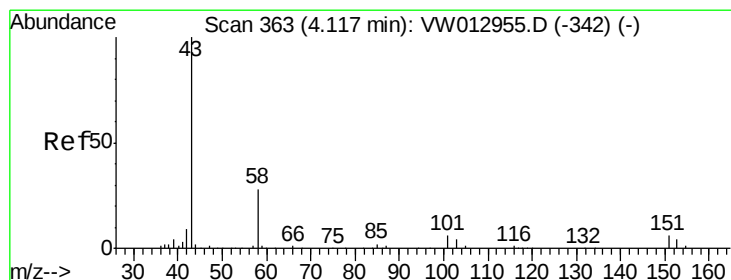
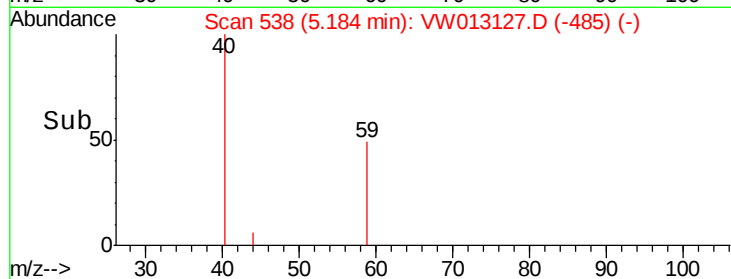
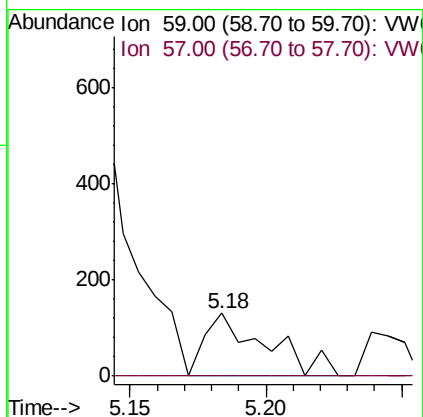
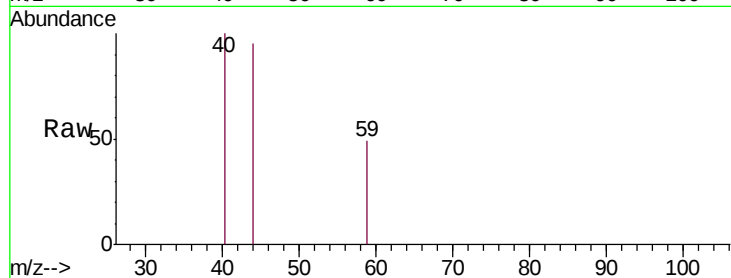




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.18 min Scan# 538
Delta R.T. 0.02 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

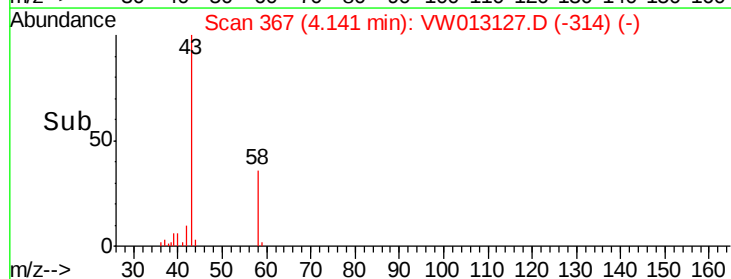
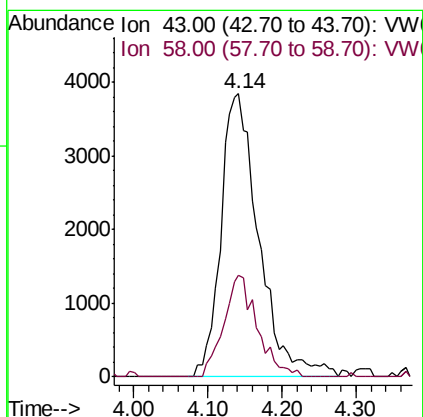
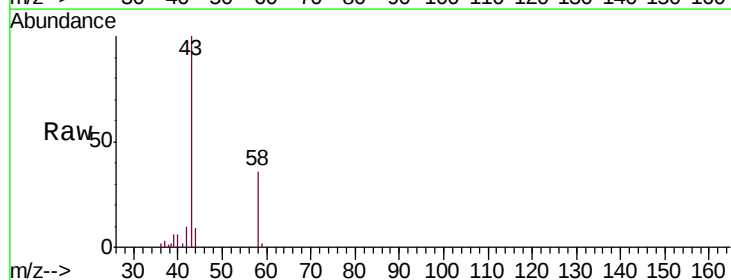
Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP

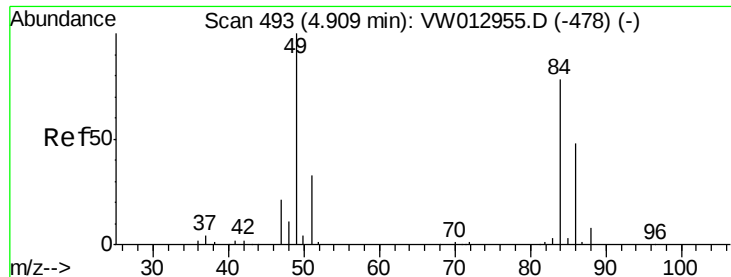
Tgt Ion: 59 Resp: 202
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 4.047 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.03 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

Tgt Ion: 43 Resp: 13672
Ion Ratio Lower Upper
43 100
58 35.9 22.3 33.5#

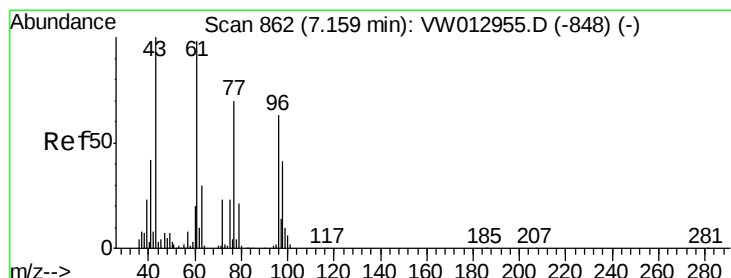
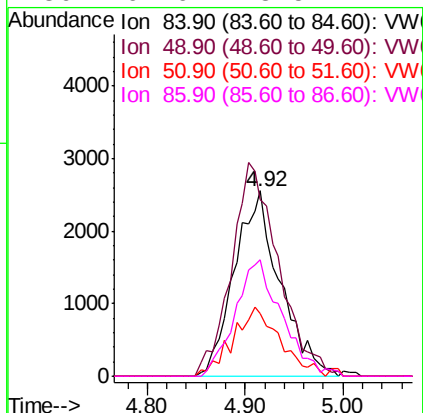
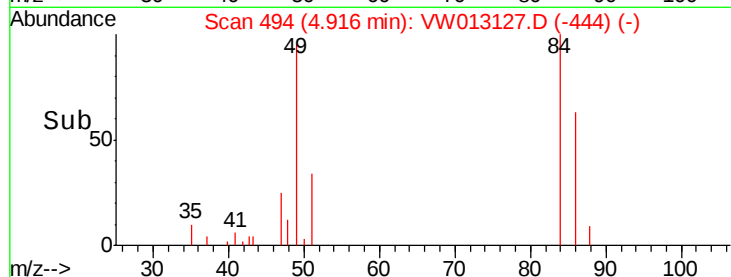
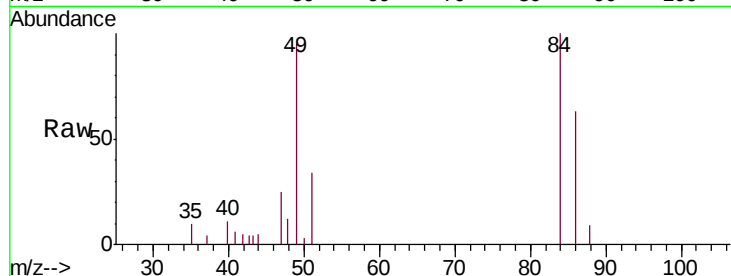




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

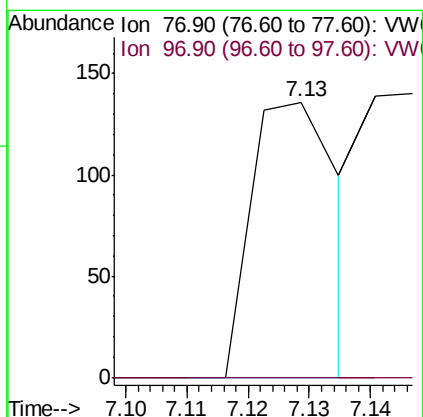
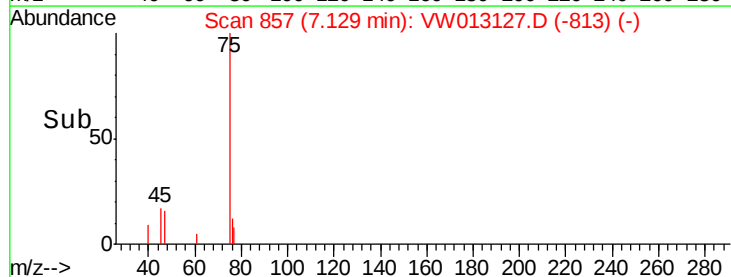
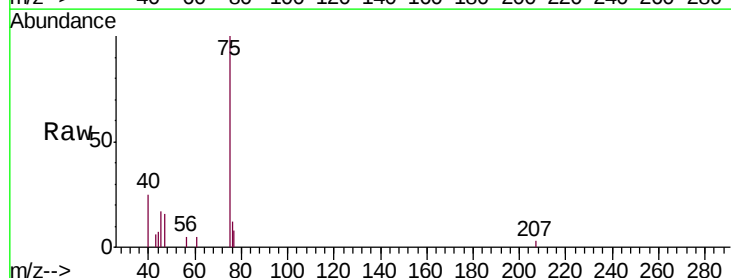
Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP

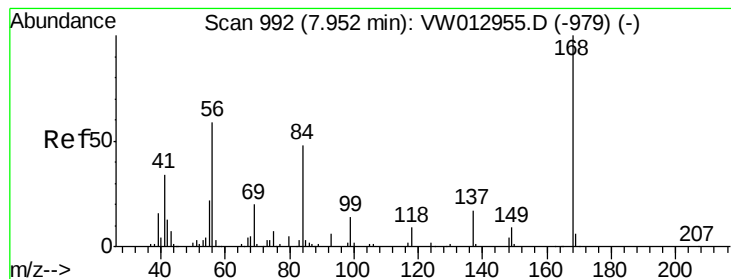
Tgt Ion: 84 Resp: 8300
Ion Ratio Lower Upper
84 100
49 95.3 102.0 153.0#
51 33.9 34.0 51.0#
86 62.6 48.5 72.7



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

Tgt Ion: 77 Resp: 135
Ion Ratio Lower Upper
77 100
97 0.0 10.7 32.1#





#31

Cyclohexane

Concen: 13.474 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

DRUM-COMP

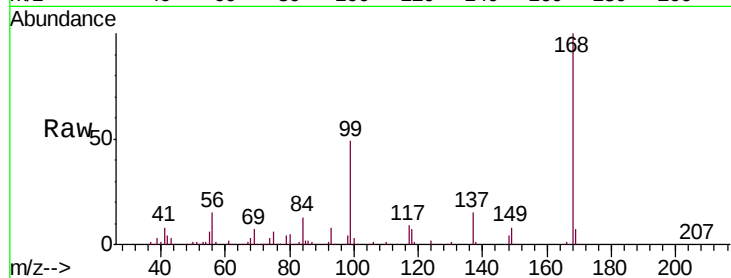
Tgt Ion: 56 Resp: 57249

Ion Ratio Lower Upper

56 100

69 48.1 27.0 40.6#

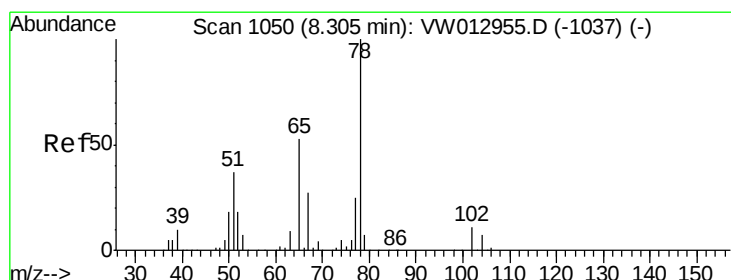
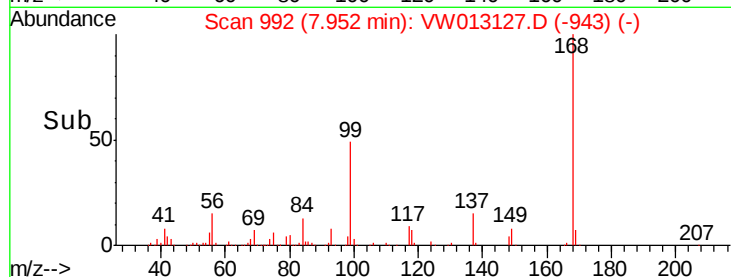
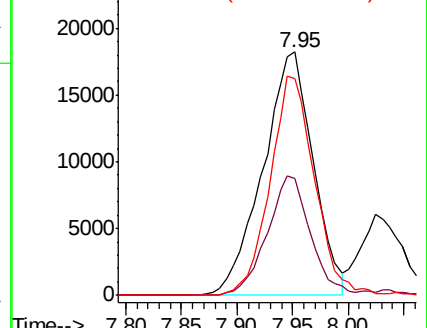
84 89.0 66.2 99.2



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: 51.603 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013127.D

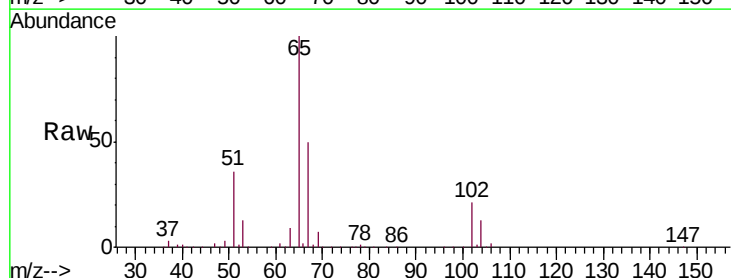
Acq: 18 Sep 2019 21:12

Tgt Ion: 65 Resp: 139672

Ion Ratio Lower Upper

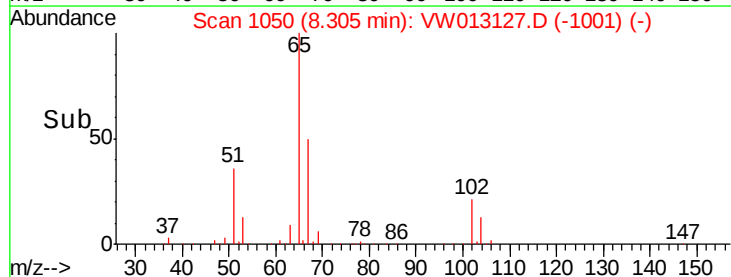
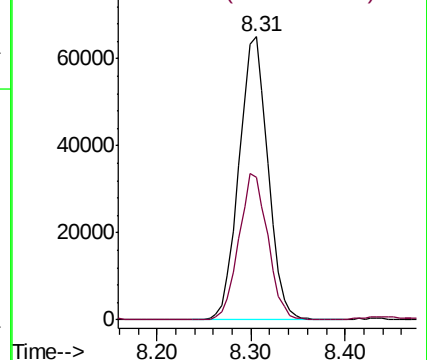
65 100

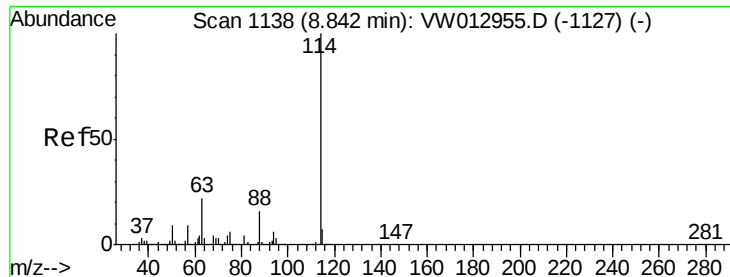
67 51.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

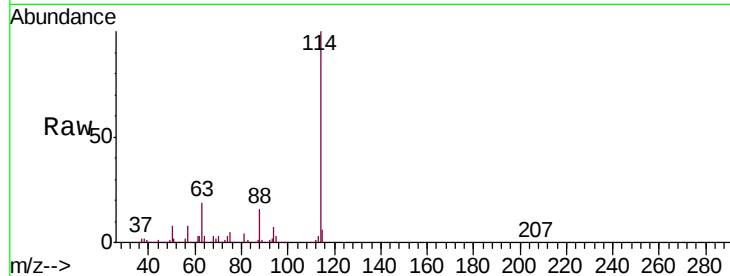




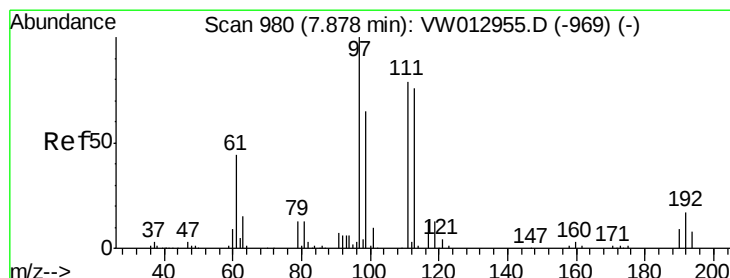
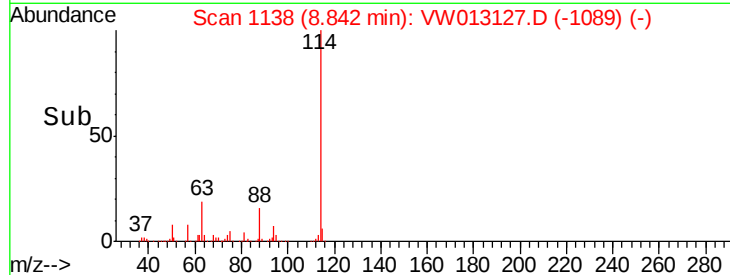
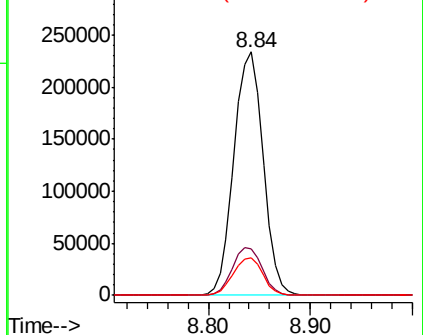
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

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Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	43.4
88	15.6	0.0	31.6

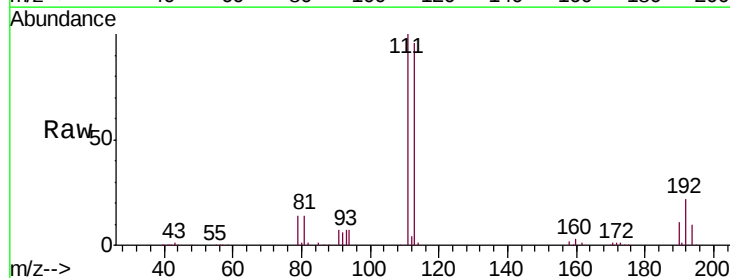


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

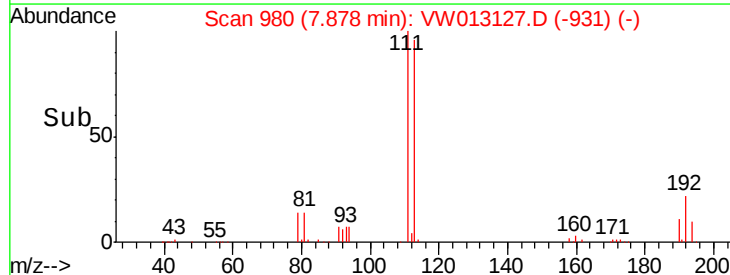
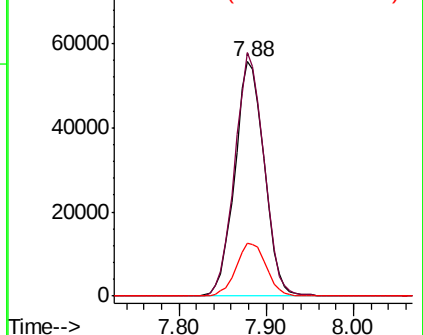


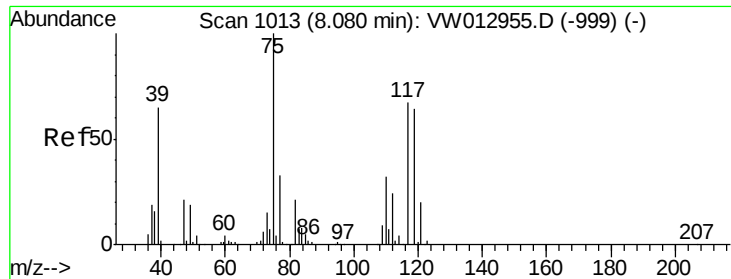
#35
 Dibromofluoromethane
 Concen: 51.767 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	23.1	17.8	26.8



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

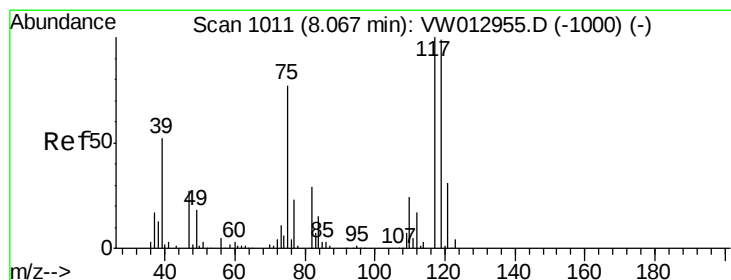
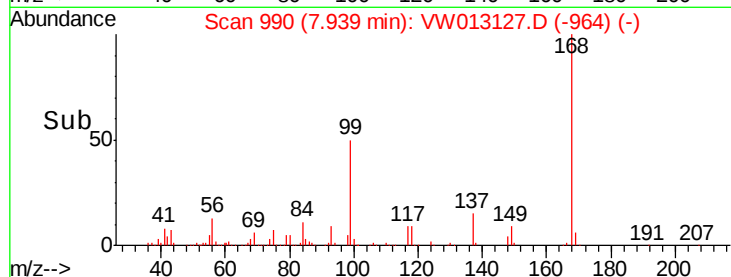
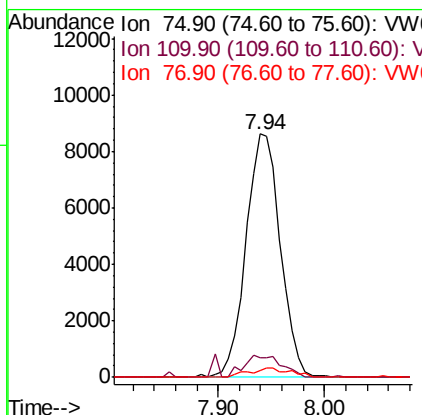
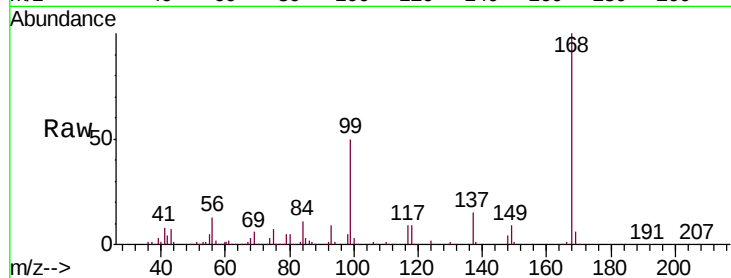




#36
 1,1-Dichloropropene
 Concen: 5.266 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013127.D
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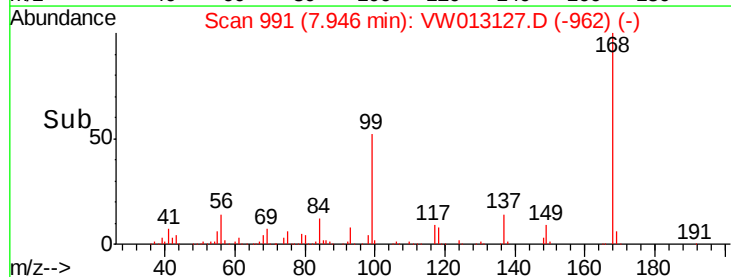
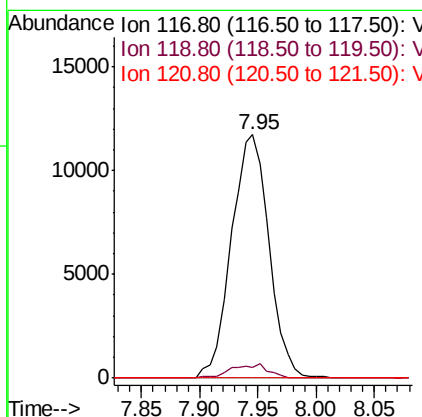
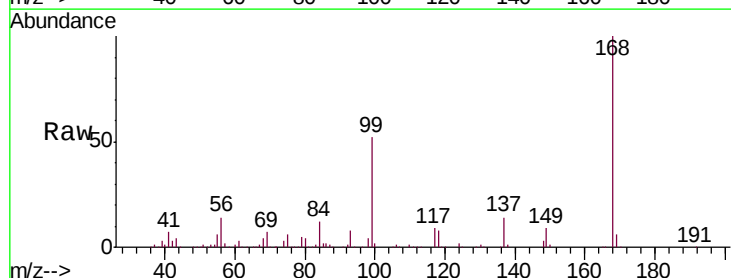
Instrument :
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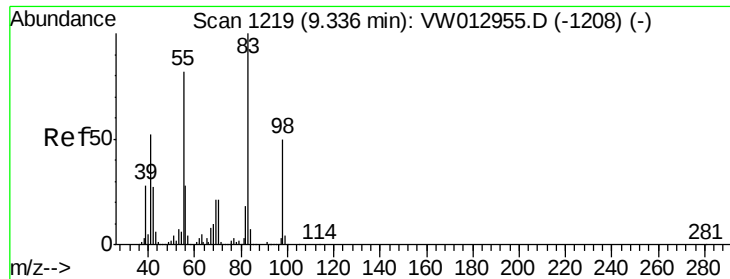
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	16.4	49.1#
77	4.6	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.904 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	79.4	119.0#
121	0.0	24.6	36.8#

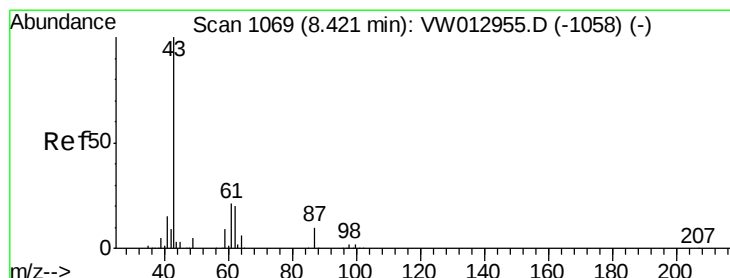
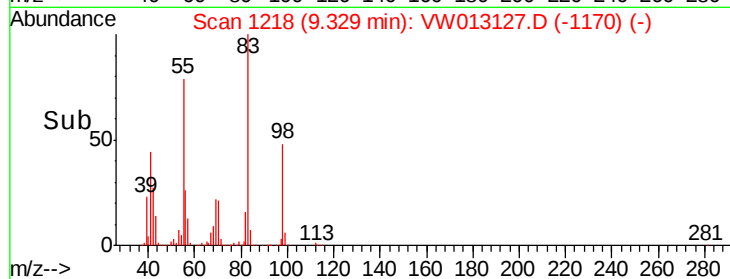
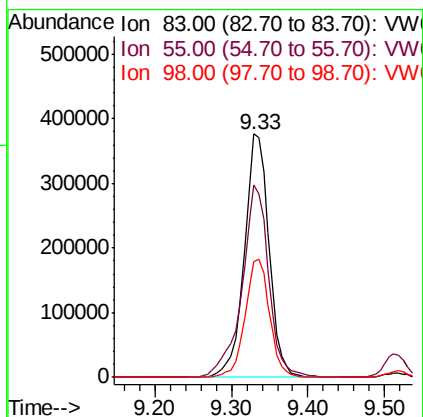
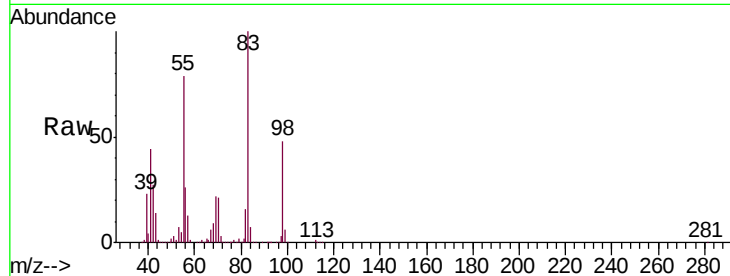




#39
Methylcyclohexane
Concen: 207.470 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

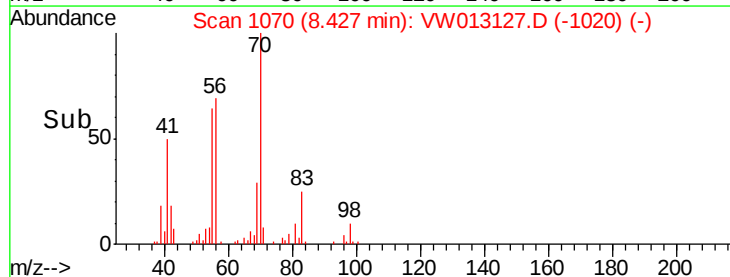
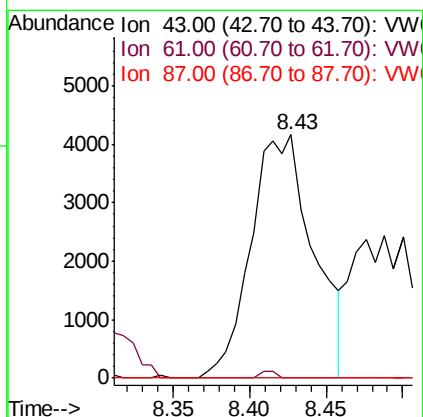
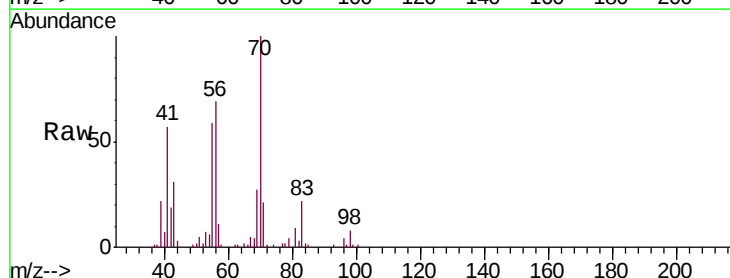
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MSVOA_W
ClientSampleId :
DRUM-COMP

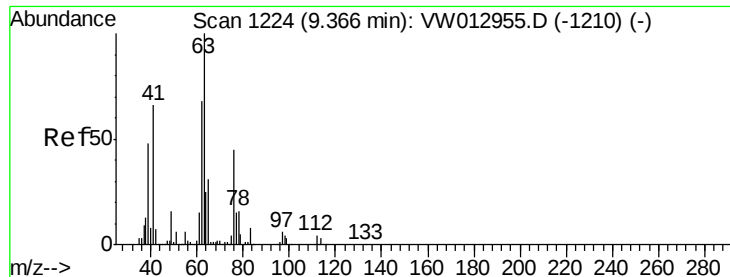
Tgt Ion: 83 Resp: 844561
Ion Ratio Lower Upper
83 100
55 78.8 65.9 98.9
98 47.7 39.6 59.4



#43
Isopropyl Acetate
Concen: 3.111 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

Tgt Ion: 43 Resp: 11780
Ion Ratio Lower Upper
43 100
61 0.0 22.7 34.1#
87 0.0 9.4 14.2#





#45

1,2-Dichloropropane

Concen: 3.029 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.04 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

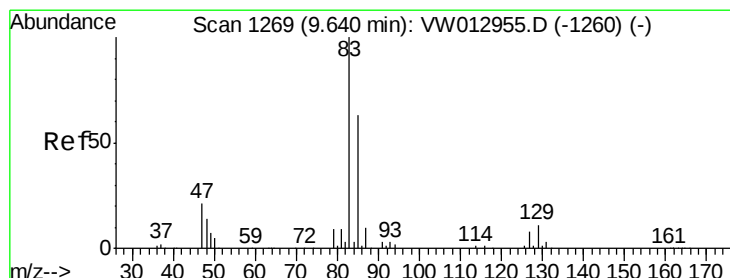
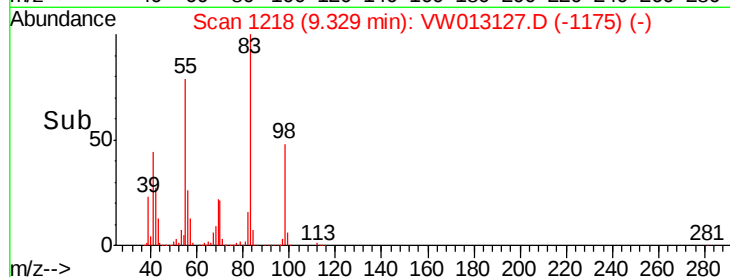
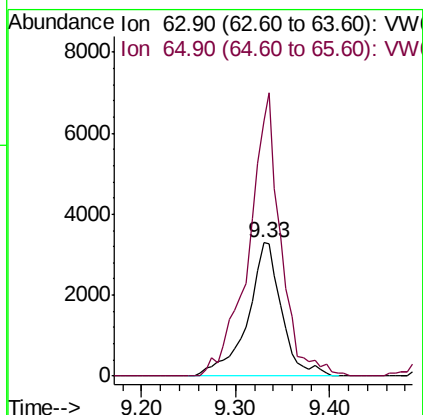
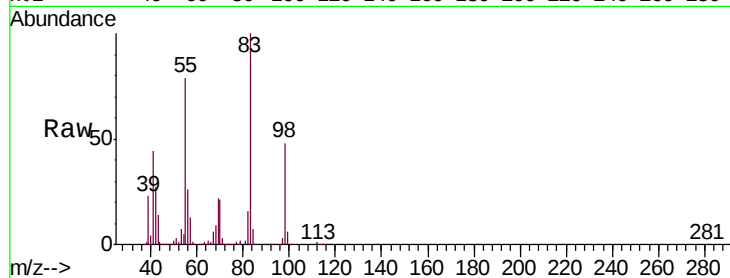
DRUM-COMP

Tgt Ion: 63 Resp: 8346

Ion Ratio Lower Upper

63 100

65 190.9 24.6 37.0#



#47

Bromodichloromethane

Concen: 3.187 ug/l

RT: 9.61 min Scan# 1264

Delta R.T. -0.03 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

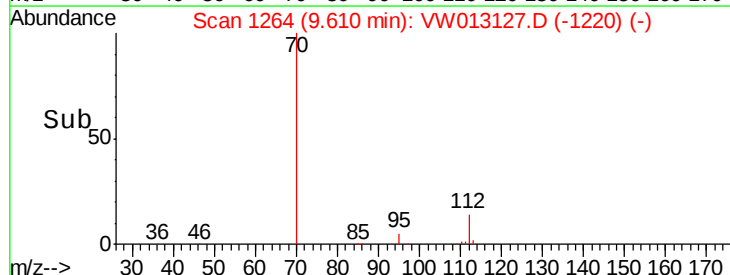
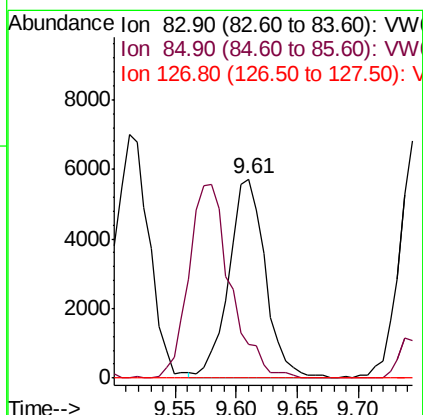
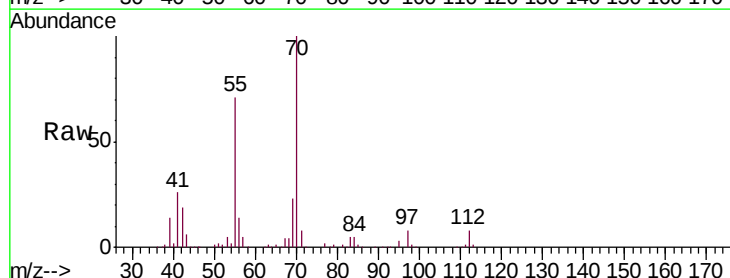
Tgt Ion: 83 Resp: 11801

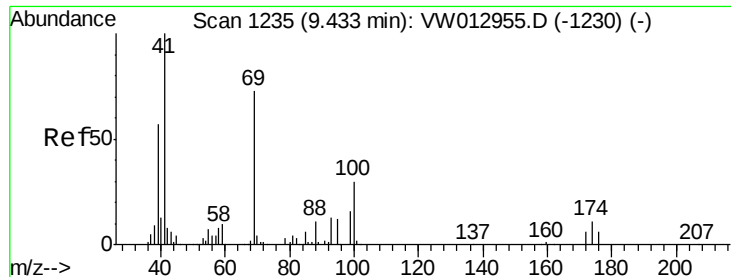
Ion Ratio Lower Upper

83 100

85 16.8 50.6 75.8#

127 0.0 6.7 10.1#

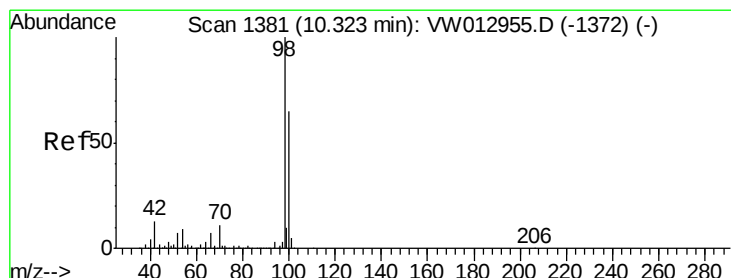
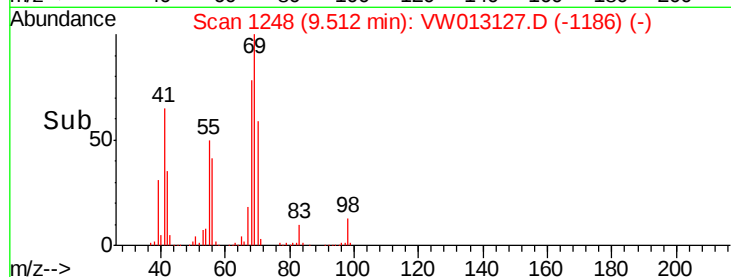
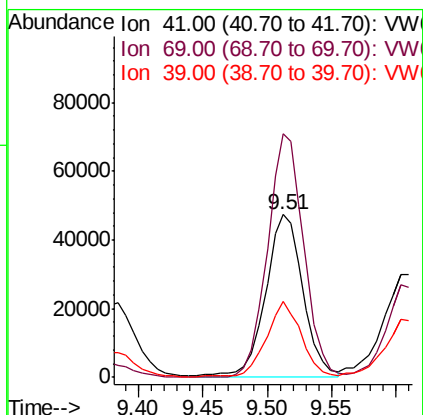
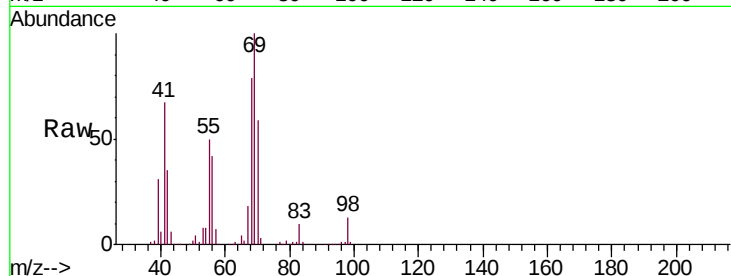




#48
Methyl methacrylate
Concen: 53.790 ug/l
RT: 9.51 min Scan# 1248
Delta R.T. 0.08 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

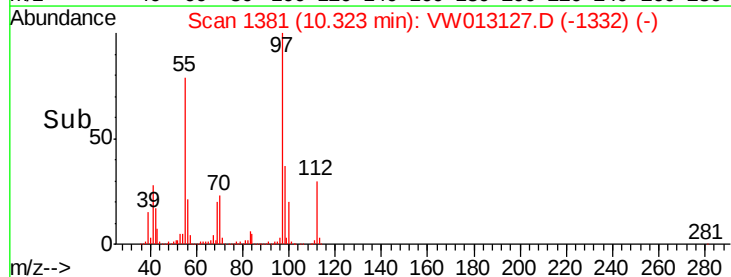
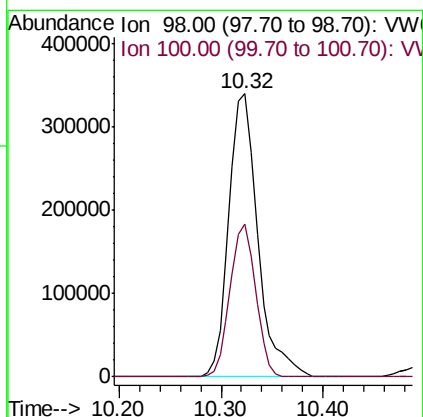
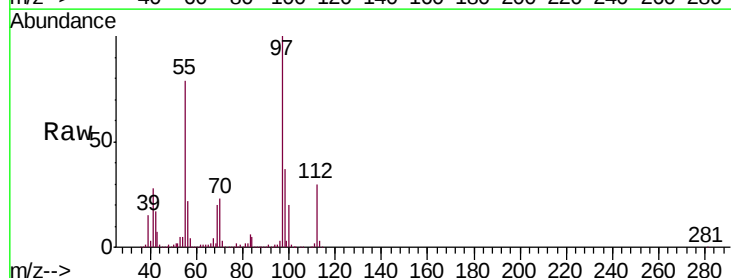
Instrument :
MSVOA_W
ClientSampleId :
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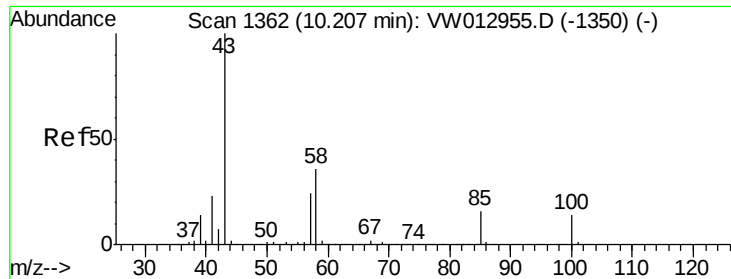
Tgt Ion: 41 Resp: 95576
Ion Ratio Lower Upper
41 100
69 144.4 62.8 94.2#
39 43.2 48.5 72.7#



#50
Toluene-d8
Concen: 67.988 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

Tgt Ion: 98 Resp: 671122
Ion Ratio Lower Upper
98 100
100 47.6 52.1 78.1#





#51

4-Methyl-2-Pentanone

Concen: 589.459 ug/l

RT: 10.10 min Scan# 1344

Delta R.T. -0.11 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

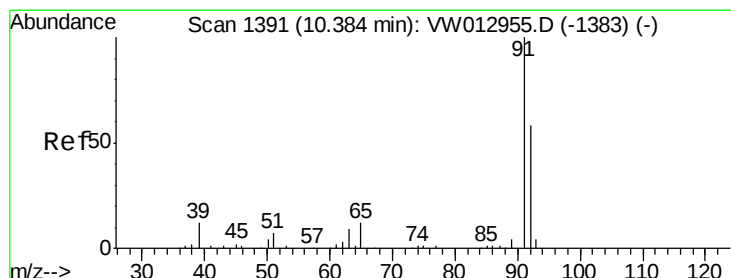
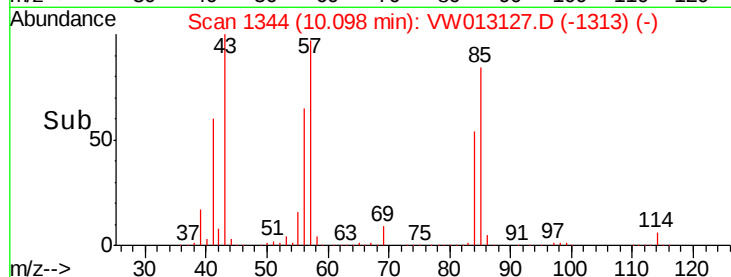
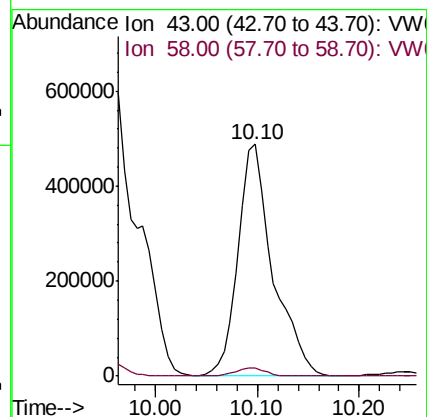
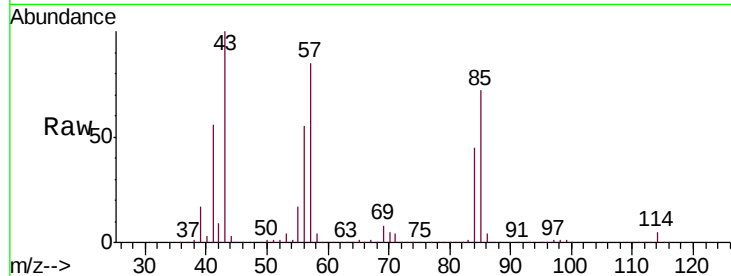
DRUM-COMP

Tgt Ion: 43 Resp: 1152172

Ion Ratio Lower Upper

43 100

58 3.4 29.5 44.3#



#52

Toluene

Concen: 49.451 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013127.D

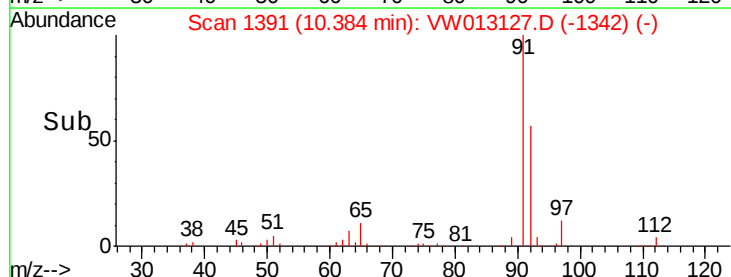
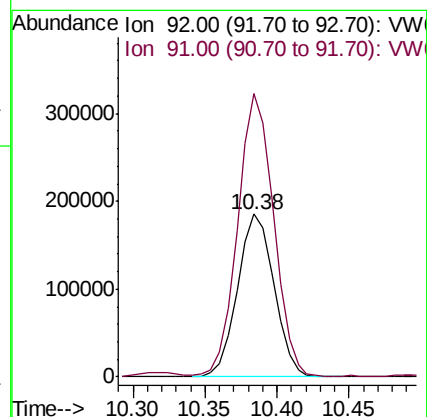
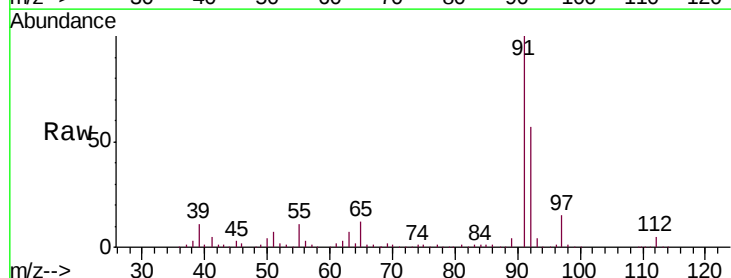
Acq: 18 Sep 2019 21:12

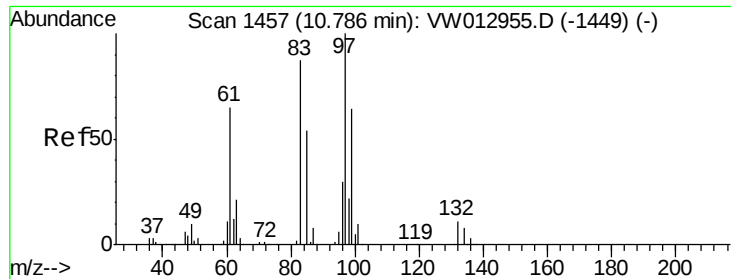
Tgt Ion: 92 Resp: 325881

Ion Ratio Lower Upper

92 100

91 171.0 137.5 206.3

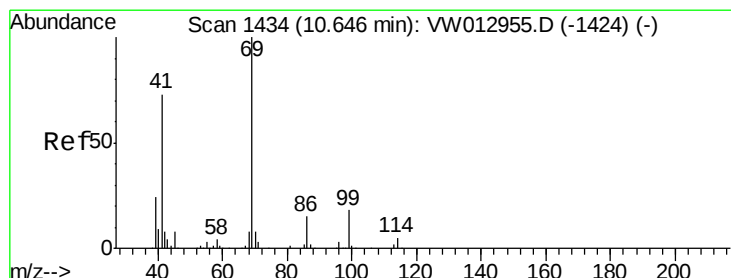
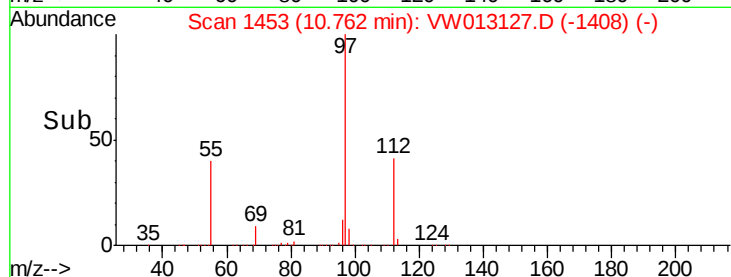
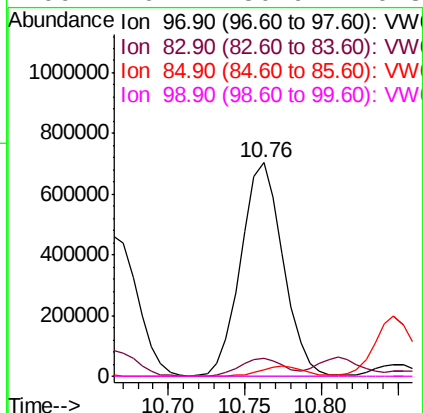
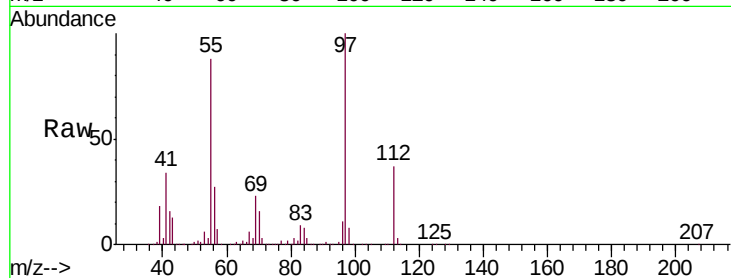




#55
 1,1,2-Trichloroethane
 Concen: 666.550 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

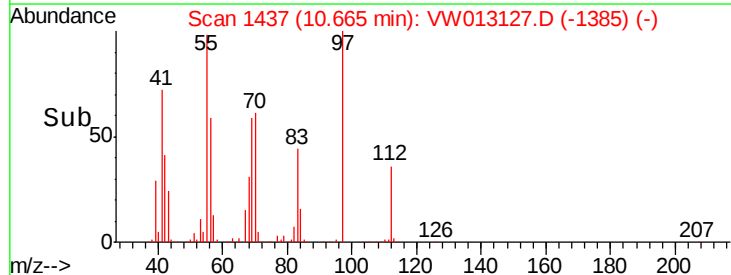
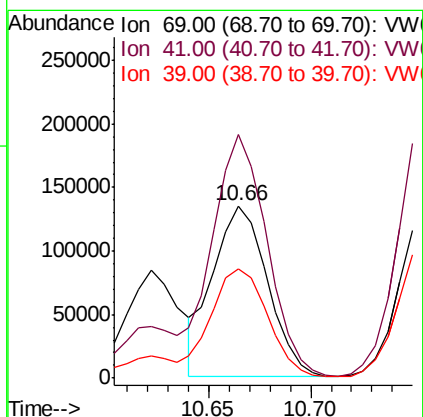
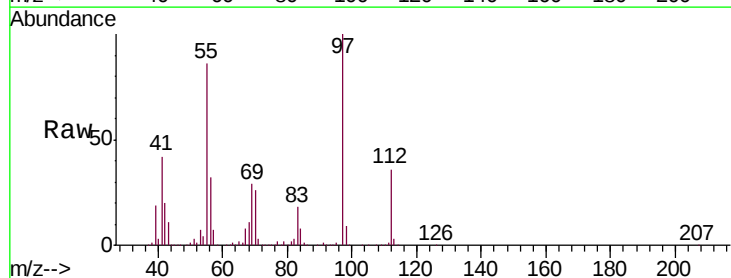
Instrument :
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 ClientSampleId :
 DRUM-COMP

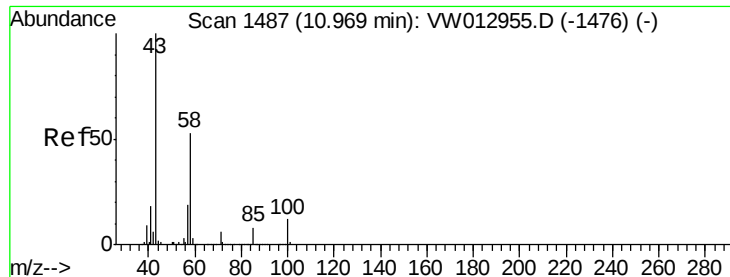
Tgt Ion: 97 Resp: 1340451
 Ion Ratio Lower Upper
 97 100
 83 8.6 69.4 104.0#
 85 3.1 43.3 64.9#
 99 0.2 50.9 76.3#



#56
 Ethyl methacrylate
 Concen: 92.692 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

Tgt Ion: 69 Resp: 250908
 Ion Ratio Lower Upper
 69 100
 41 142.8 60.8 91.2#
 39 66.0 29.4 44.0#

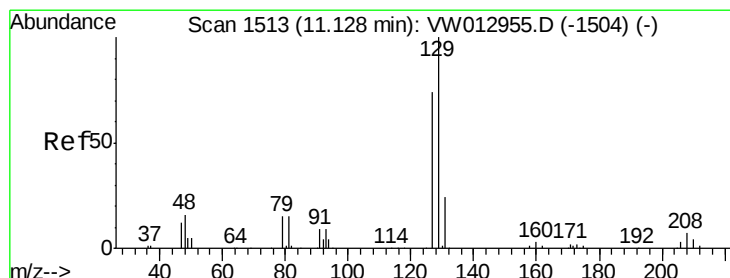
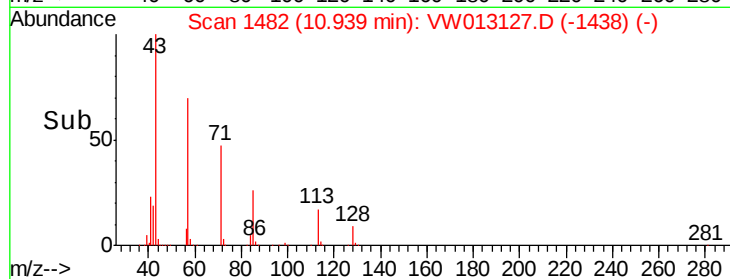
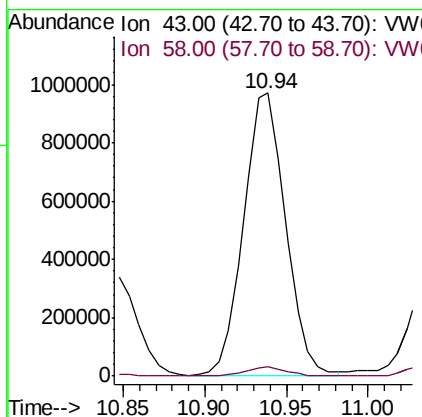
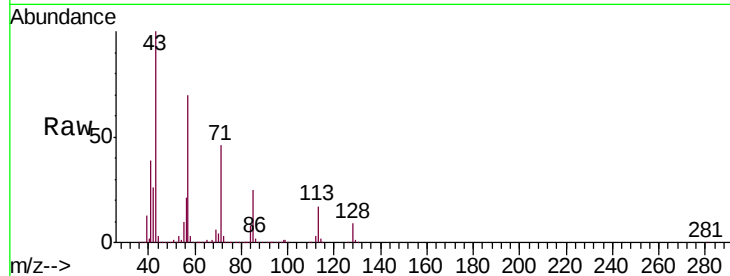




#59
2-Hexanone
Concen: 1268.102 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

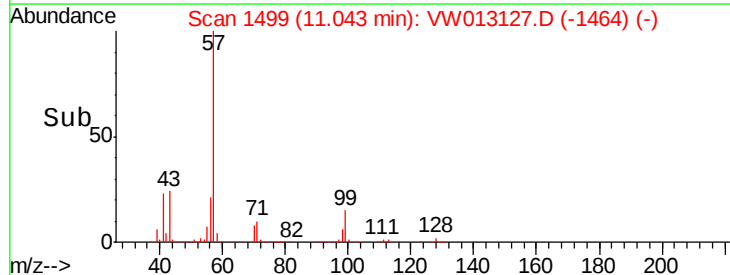
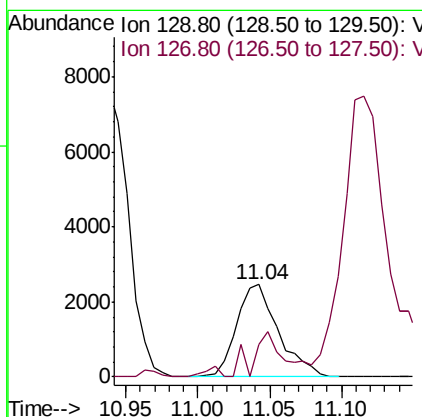
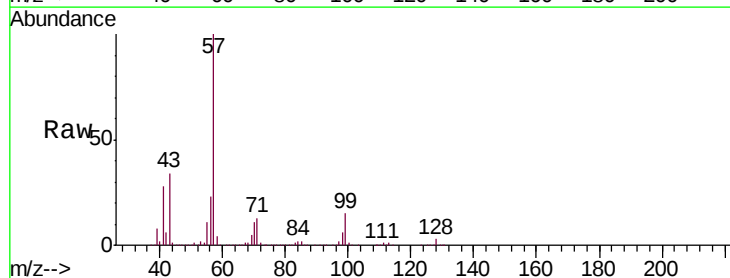
Instrument :
MSVOA_W
ClientSampled :
DRUM-COMP

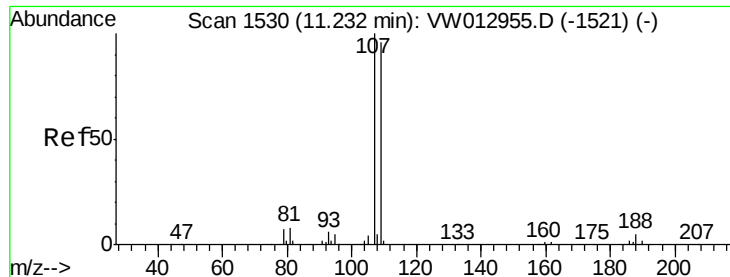
Tgt Ion: 43 Resp: 1725920
Ion Ratio Lower Upper
43 100
58 3.1 25.8 77.3#



#60
Dibromochloromethane
Concen: 2.036 ug/l
RT: 11.04 min Scan# 1499
Delta R.T. -0.09 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

Tgt Ion: 129 Resp: 4951
Ion Ratio Lower Upper
129 100
127 32.9 37.4 112.2#

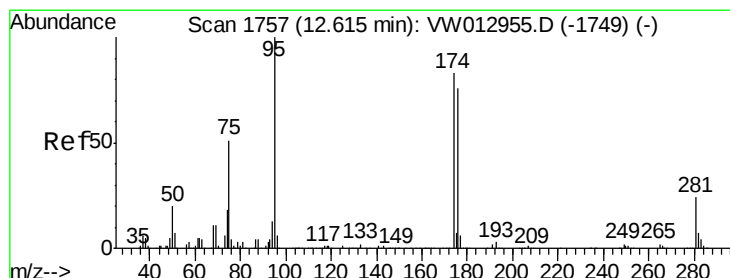
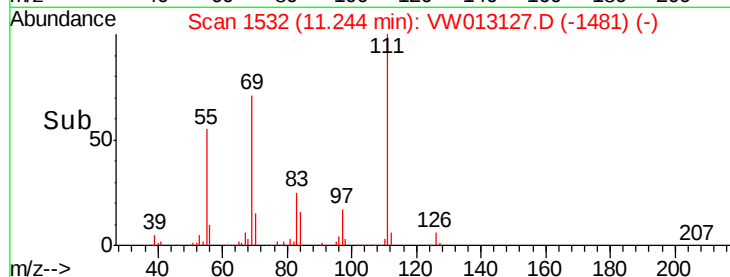
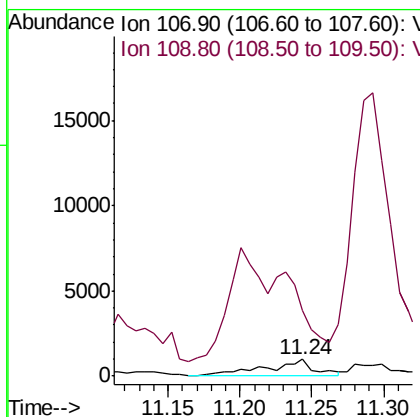
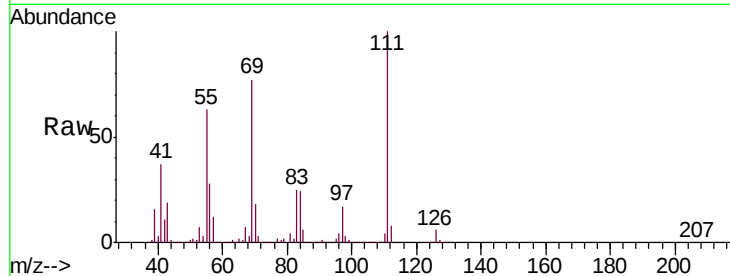




#61
 1,2-Dibromoethane
 Concen: 1.332 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

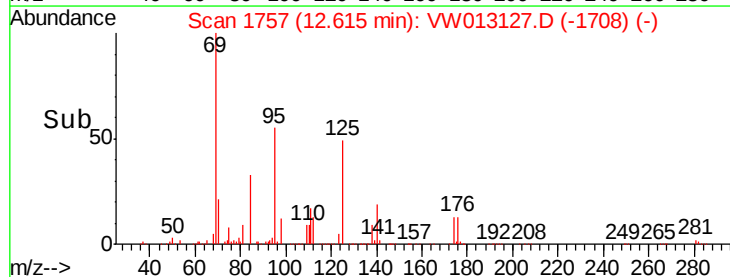
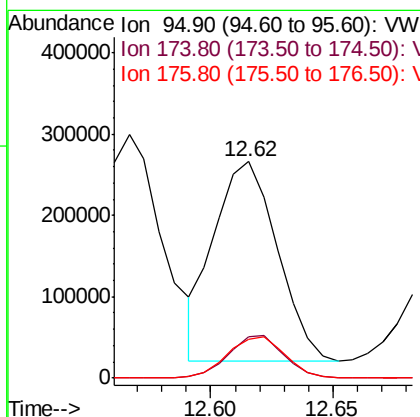
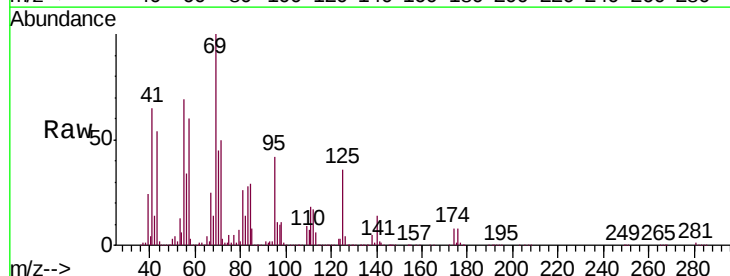
Instrument :
 MSVOA_W
 ClientSampleId :
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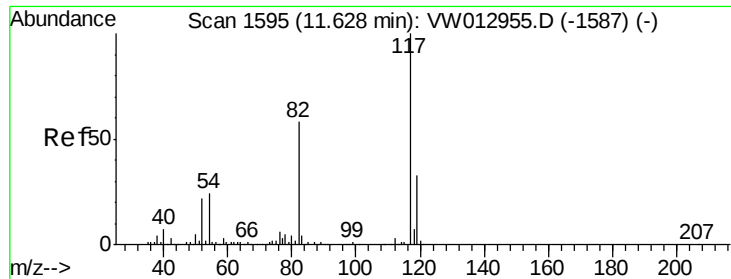
Tgt Ion: 107 Resp: 2444
 Ion Ratio Lower Upper
 107 100
 109 0.0 75.0 112.6#



#62
 4-Bromofluorobenzene
 Concen: 124.239 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

Tgt Ion: 95 Resp: 440982
 Ion Ratio Lower Upper
 95 100
 174 18.8 0.0 170.4
 176 18.9 0.0 164.6

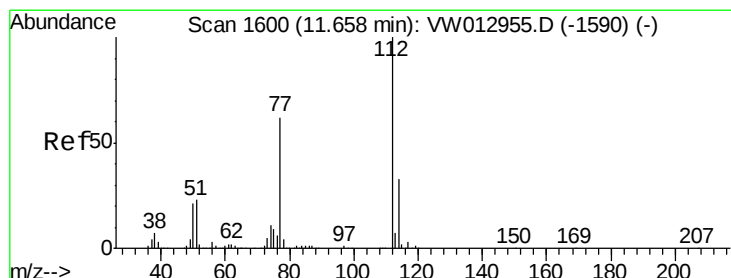
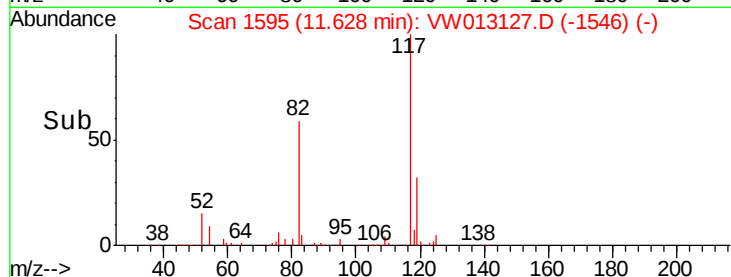
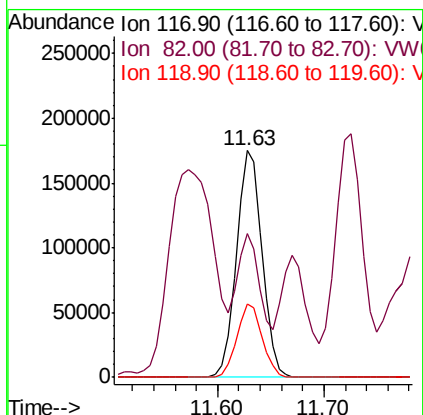
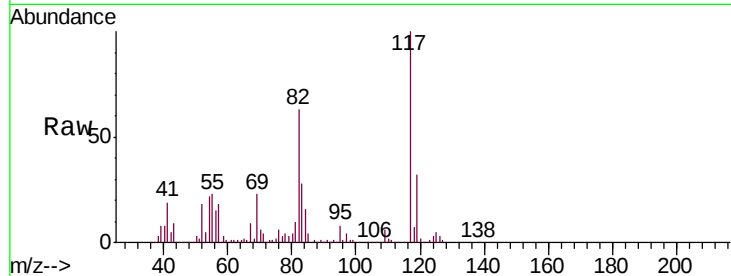




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

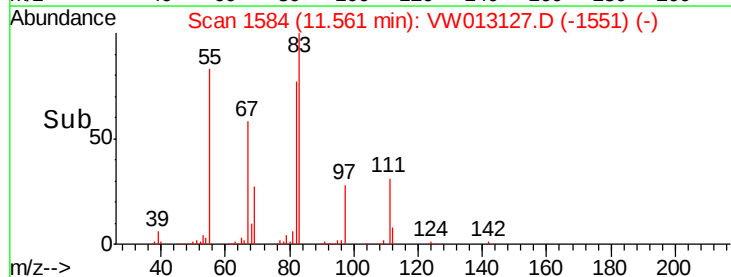
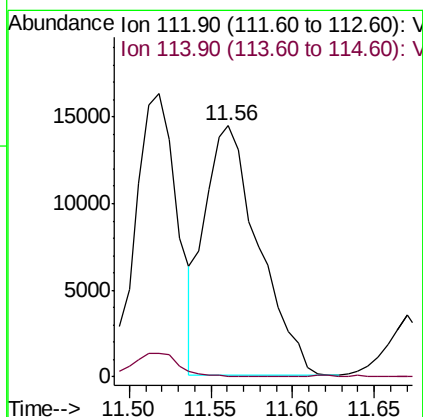
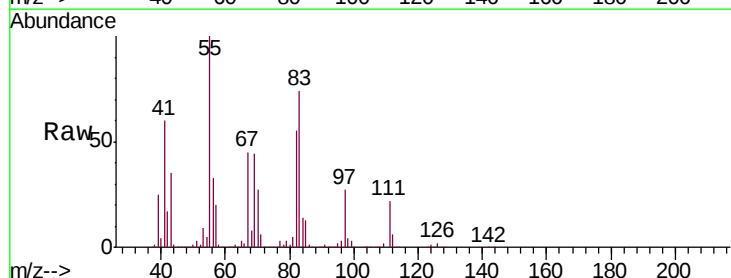
Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP

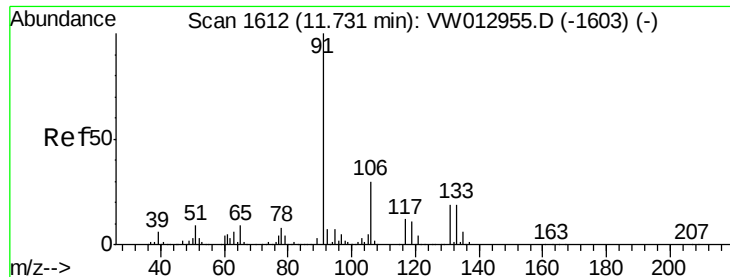
Tgt Ion:117 Resp: 295189
Ion Ratio Lower Upper
117 100
82 0.0 46.3 69.5#
119 32.2 26.2 39.4



#65
Chlorobenzene
Concen: 6.309 ug/l
RT: 11.56 min Scan# 1584
Delta R.T. -0.10 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

Tgt Ion:112 Resp: 33175
Ion Ratio Lower Upper
112 100
114 0.4 26.4 39.6#

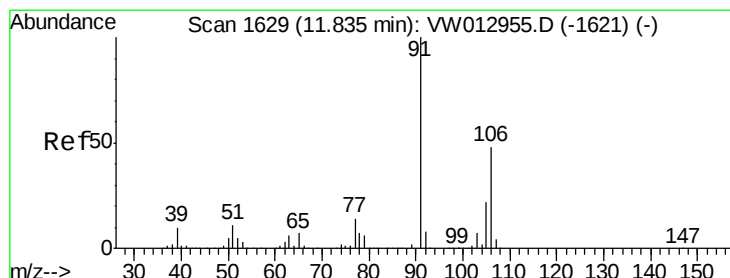
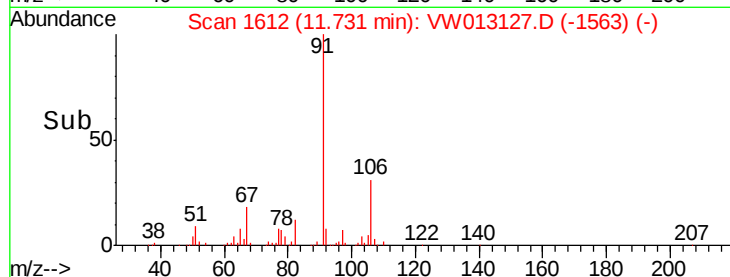
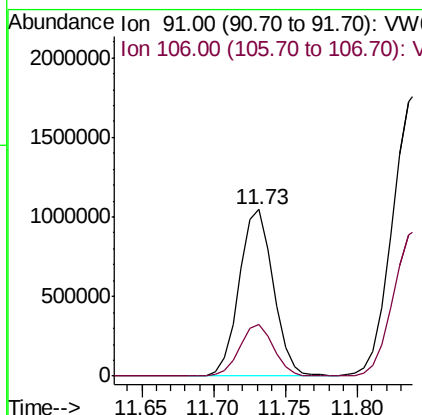
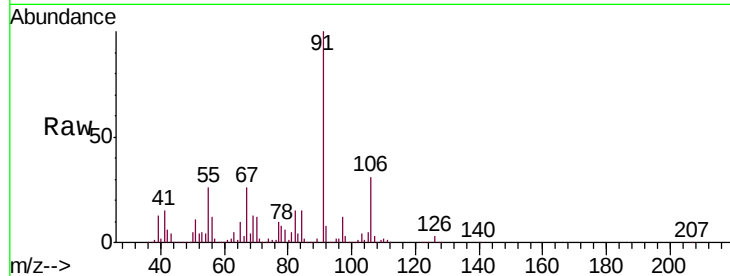




#67
Ethyl Benzene
Concen: 175.924 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

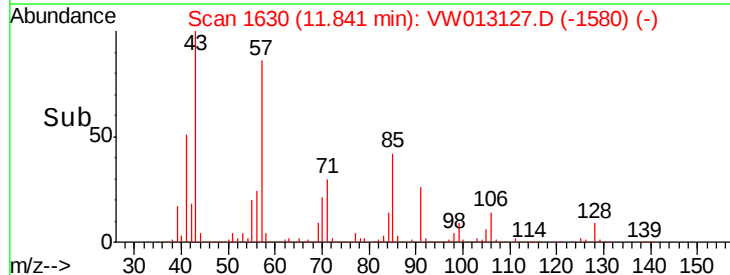
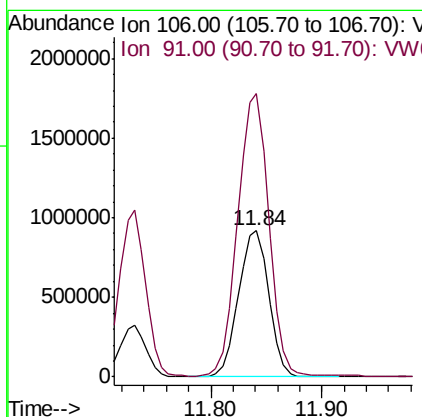
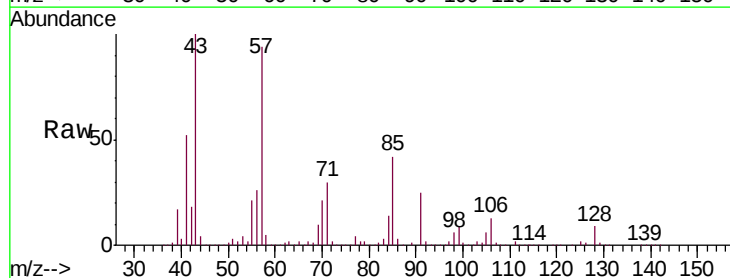
Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP

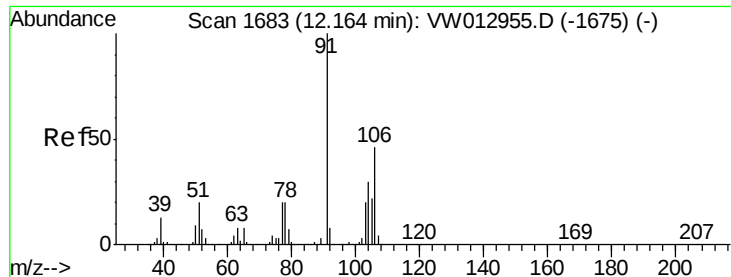
Tgt Ion: 91 Resp: 1708374
Ion Ratio Lower Upper
91 100
106 31.3 24.3 36.5



#68
m/p-Xylenes
Concen: 487.228 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

Tgt Ion: 106 Resp: 1728450
Ion Ratio Lower Upper
106 100
91 197.0 165.8 248.8

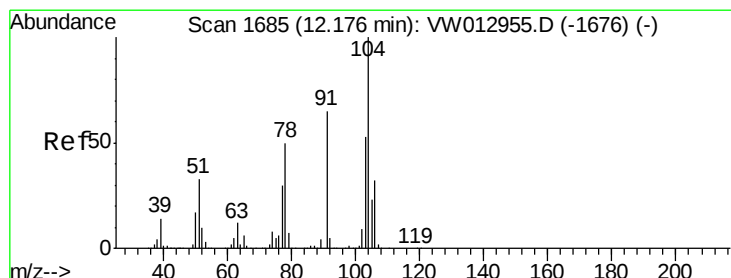
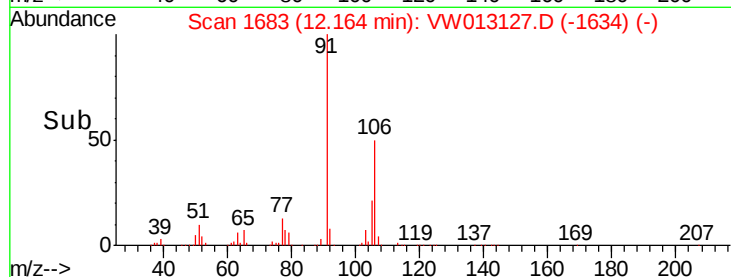
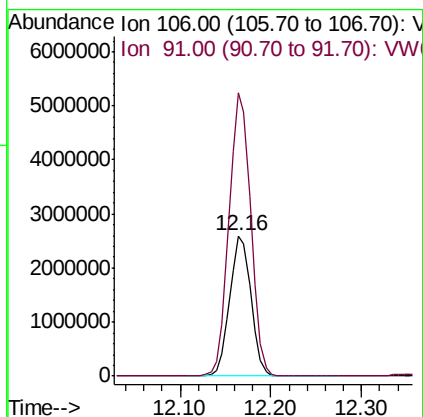
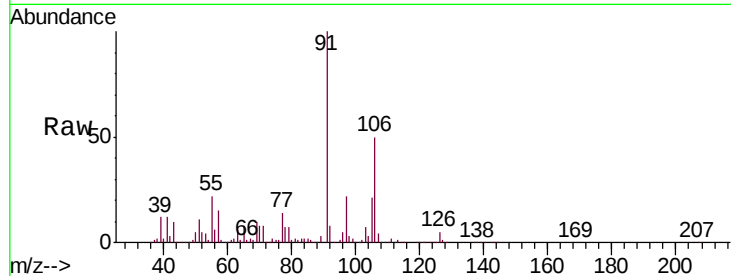




#69
o-Xylene
Concen: 1265.891 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

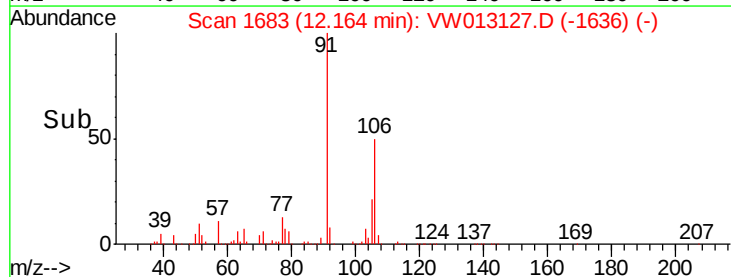
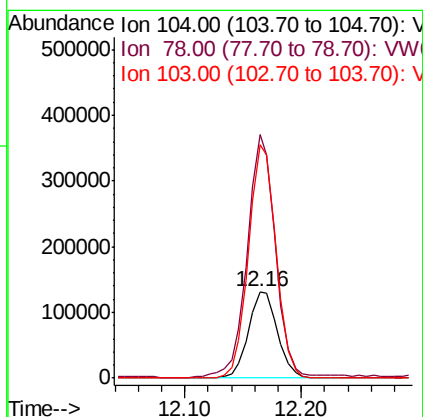
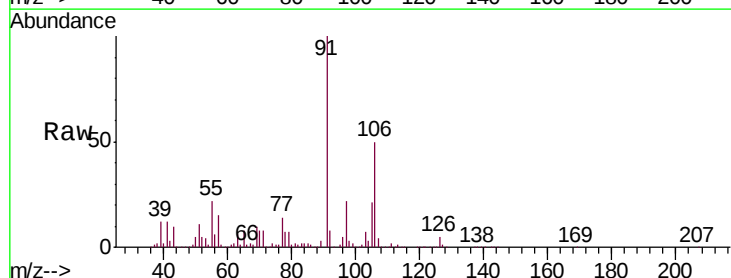
Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP

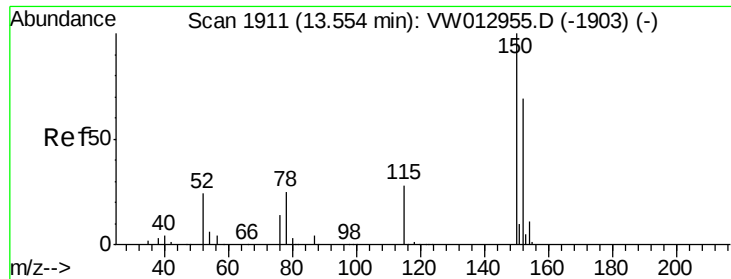
Tgt Ion:106 Resp: 4210182
Ion Ratio Lower Upper
106 100
91 206.8 109.7 329.0



#70
Styrene
Concen: 38.345 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

Tgt Ion:104 Resp: 226861
Ion Ratio Lower Upper
104 100
78 275.3 42.1 63.1#
103 257.2 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

DRUM-COMP

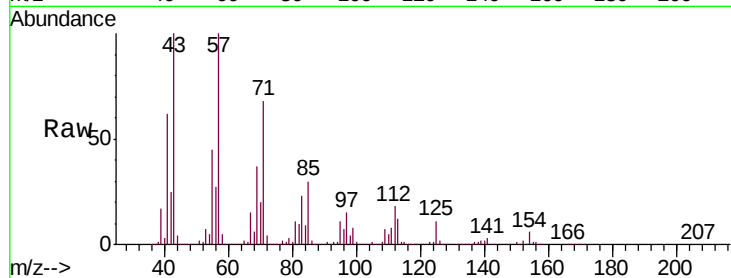
Tgt Ion:152 Resp: 242829

Ion Ratio Lower Upper

152 100

115 0.0 28.8 86.4#

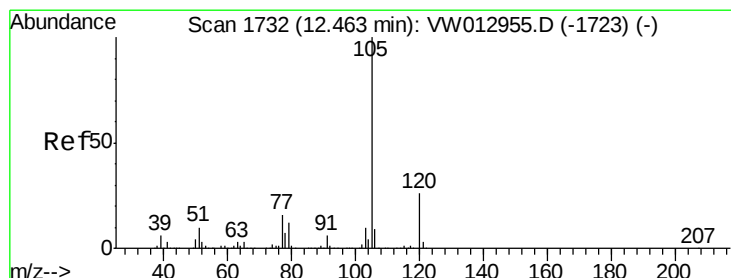
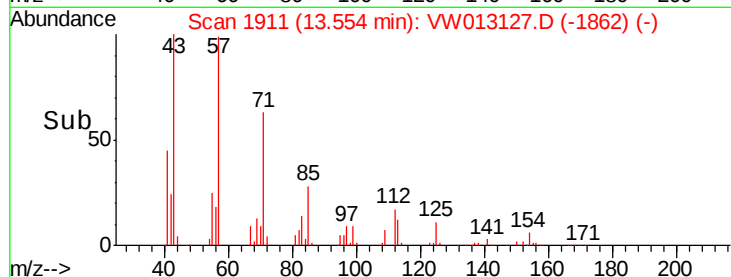
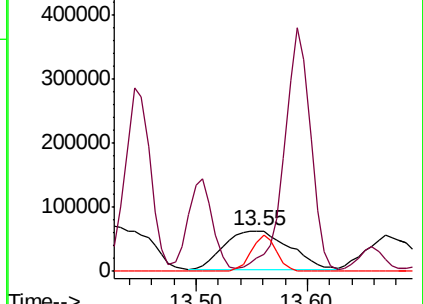
150 36.3 0.0 340.2



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: 23.935 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013127.D

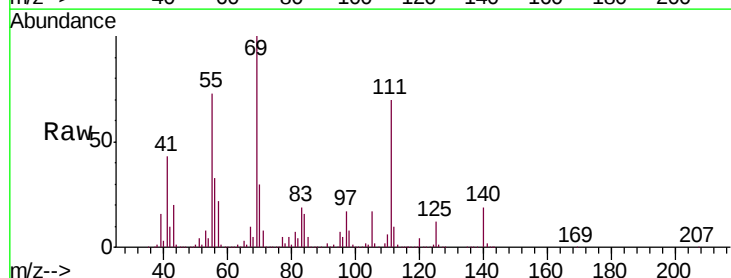
Acq: 18 Sep 2019 21:12

Tgt Ion:105 Resp: 385250

Ion Ratio Lower Upper

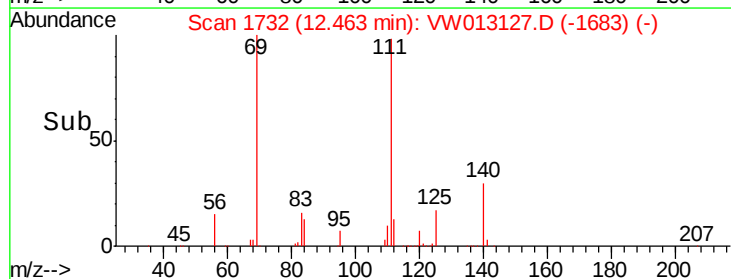
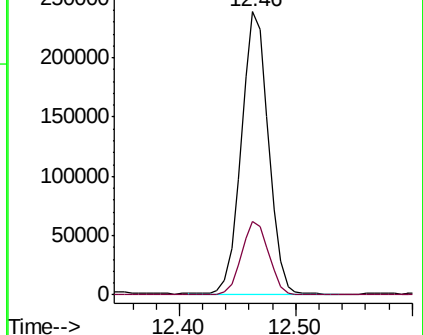
105 100

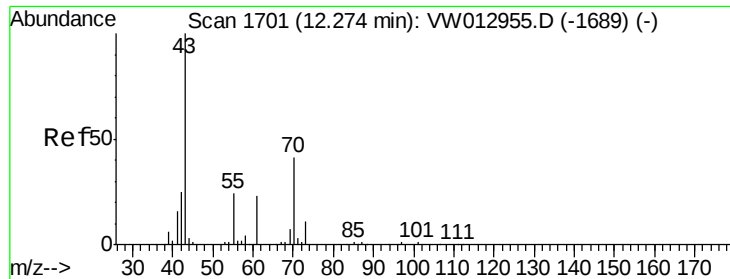
120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 1026.659 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

DRUM-COMP

Tgt Ion: 43 Resp: 4250761

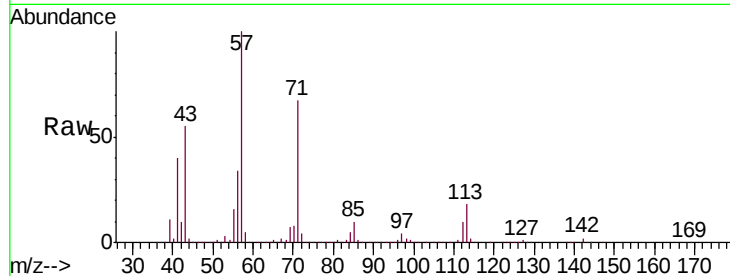
Ion Ratio Lower Upper

43 100

70 14.7 31.7 47.5#

55 11.7 19.4 29.2#

61 0.0 18.7 28.1#

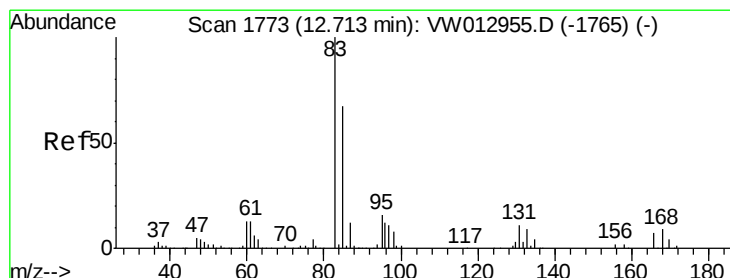
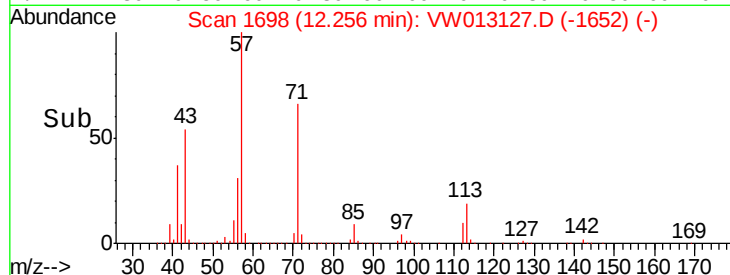
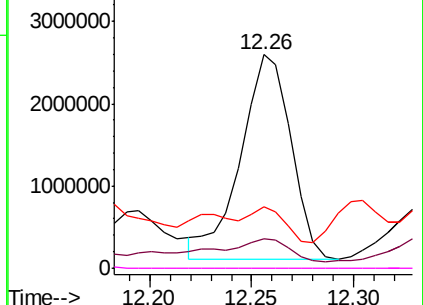


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 61.084 ug/l

RT: 12.66 min Scan# 1765

Delta R.T. -0.05 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

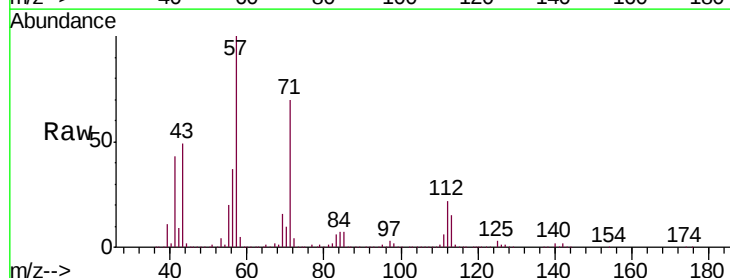
Tgt Ion: 83 Resp: 172681

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

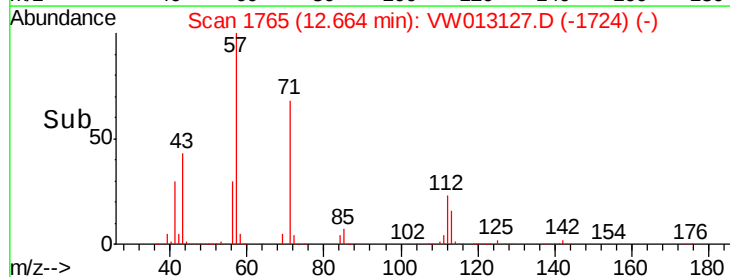
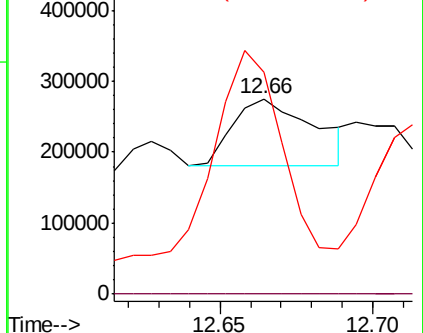
85 325.5 31.4 94.3#

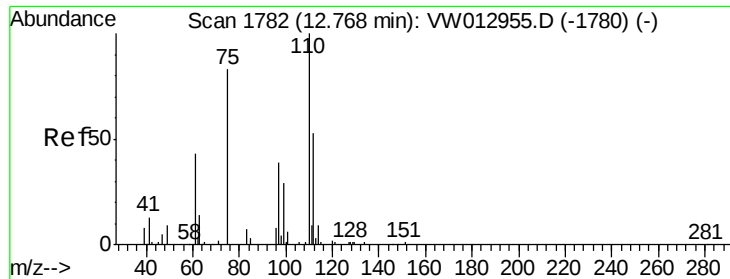


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 2.784 ug/l

RT: 12.80 min Scan# 1787

Delta R.T. 0.03 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

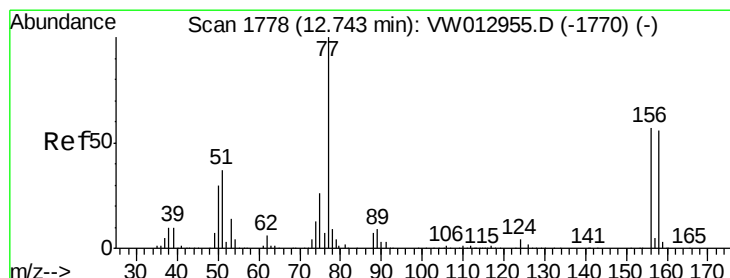
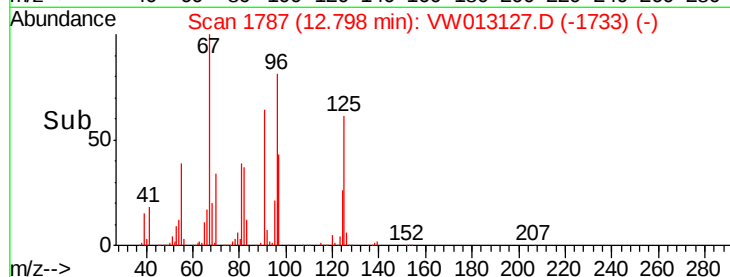
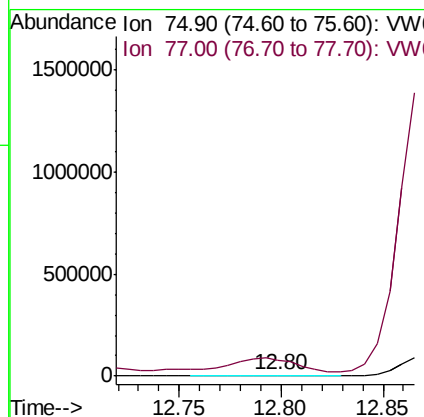
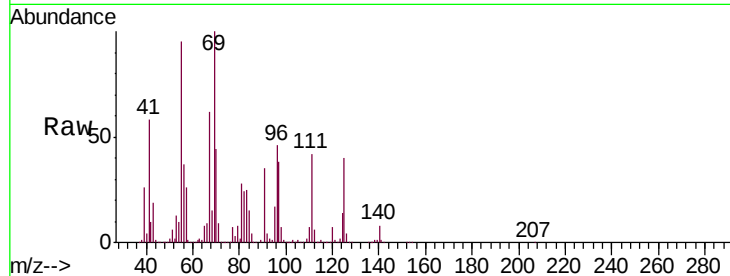
DRUM-COMP

Tgt Ion: 75 Resp: 5922

Ion Ratio Lower Upper

75 100

77 2746.5 0.0 0.0#



#77

Bromobenzene

Concen: 2.701 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.02 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

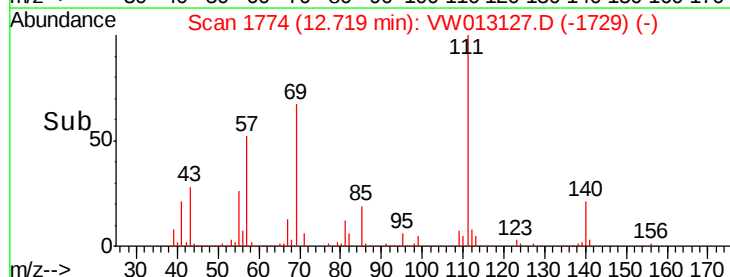
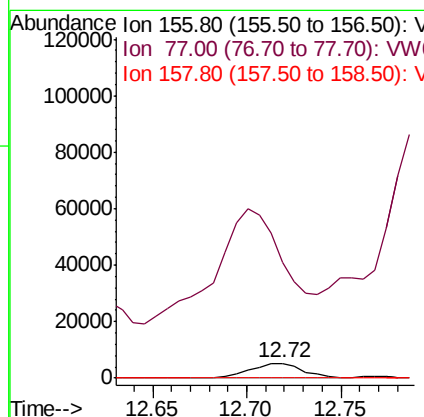
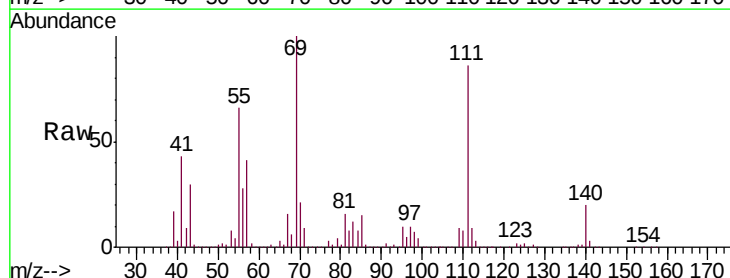
Tgt Ion: 156 Resp: 10017

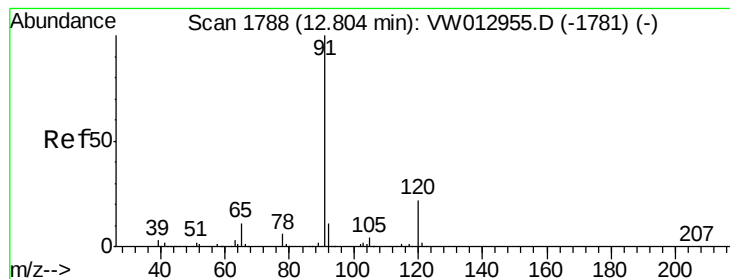
Ion Ratio Lower Upper

156 100

77 0.0 95.2 285.6#

158 0.2 49.0 147.2#





#78

n-propylbenzene

Concen: 43.798 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

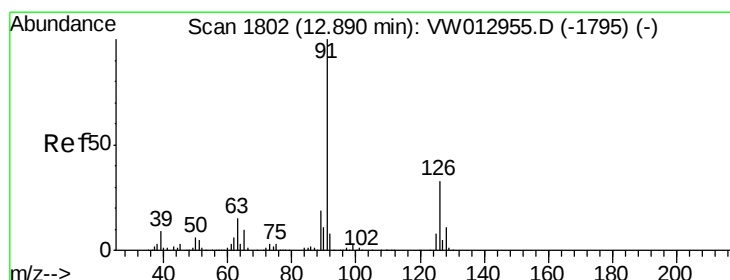
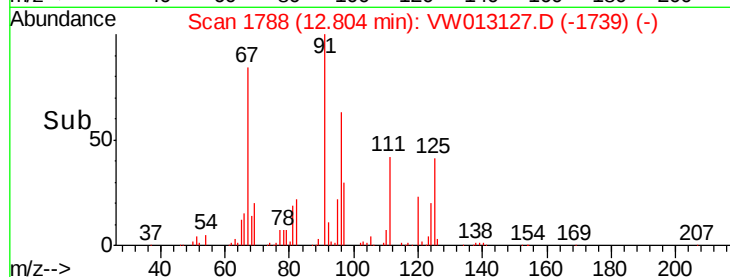
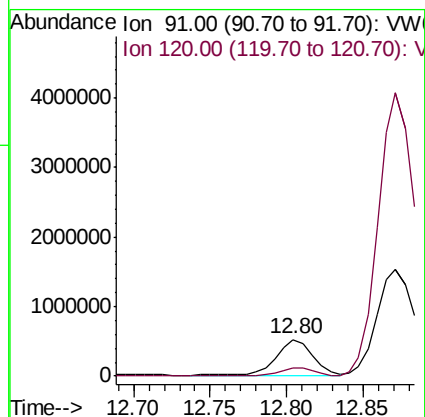
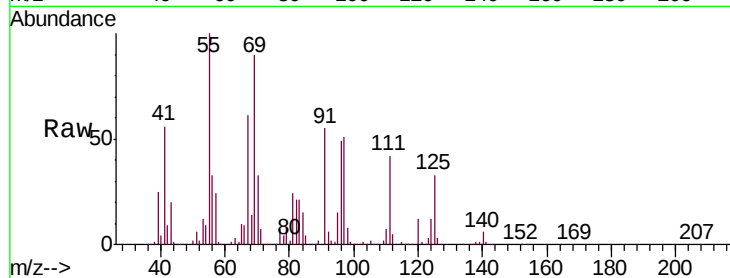
DRUM-COMP

Tgt Ion: 91 Resp: 829220

Ion Ratio Lower Upper

91 100

120 0.0 11.2 33.5#



#79

2-Chlorotoluene

Concen: 76.189 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.09 min

Lab File: VW013127.D

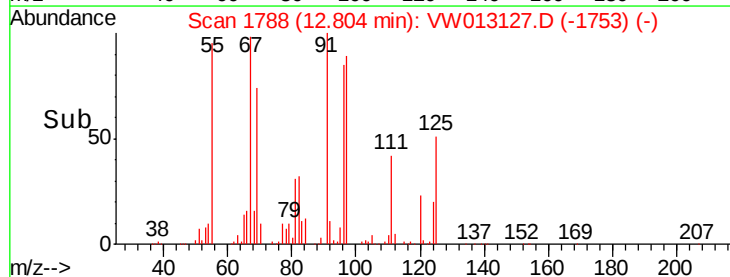
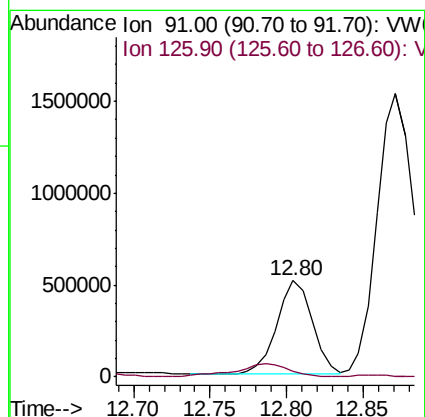
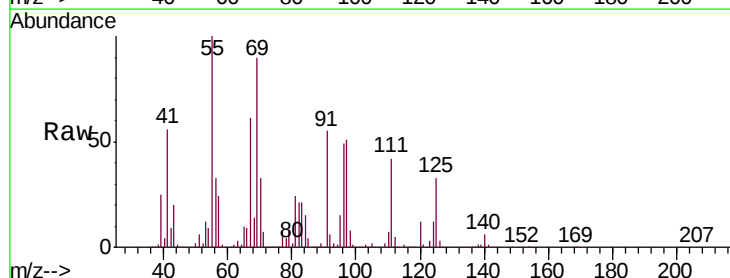
Acq: 18 Sep 2019 21:12

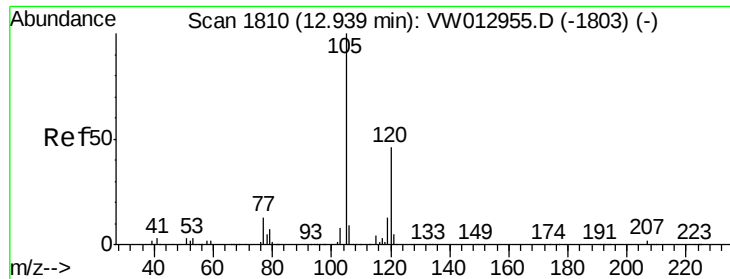
Tgt Ion: 91 Resp: 829220

Ion Ratio Lower Upper

91 100

126 19.6 16.5 49.5





#80

1,3,5-Trimethylbenzene

Concen: 821.819 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_W

ClientSampled :

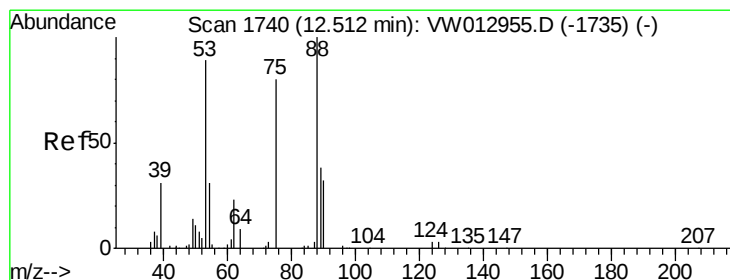
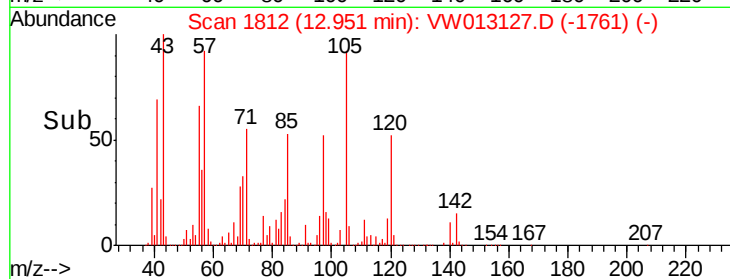
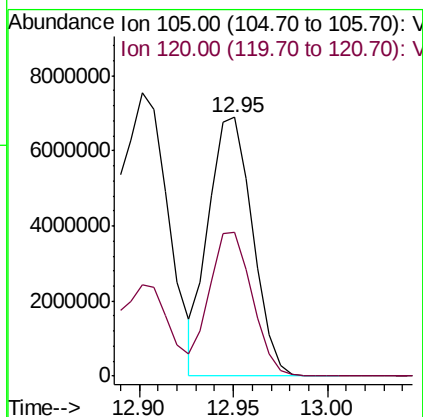
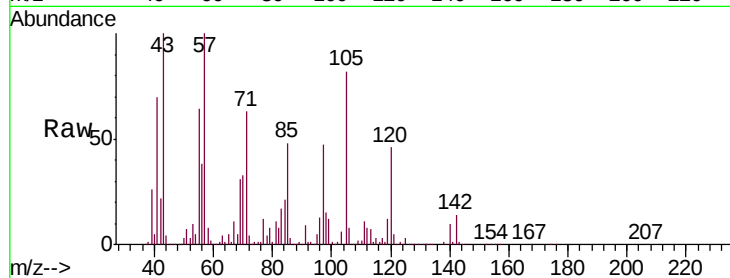
DRUM-COMP

Tgt Ion:105 Resp:11190422

Ion Ratio Lower Upper

105 100

120 54.1 24.2 72.6



#81

trans-1,4-Dichloro-2-butene

Concen: 5.092 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

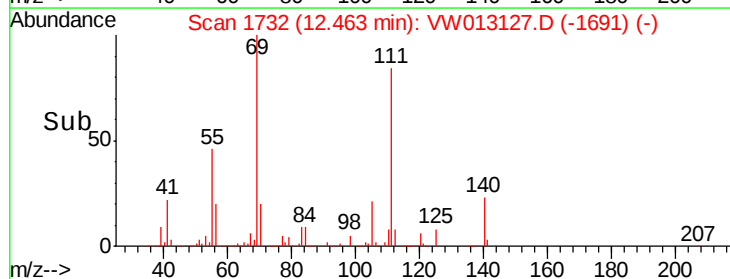
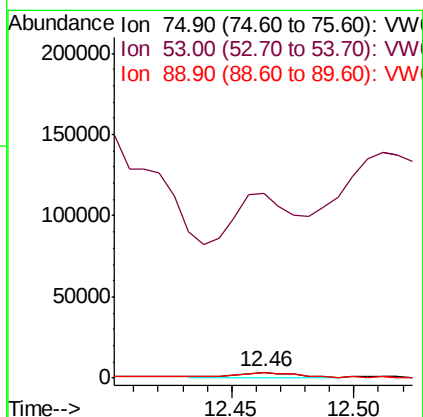
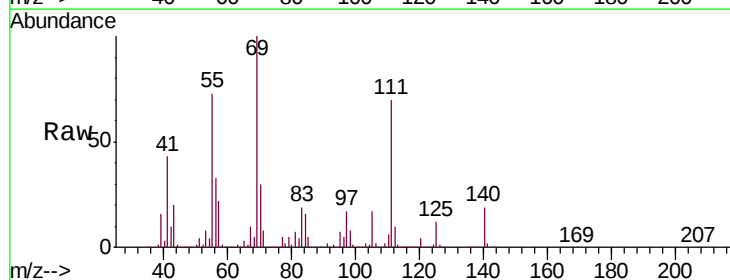
Tgt Ion: 75 Resp: 4774

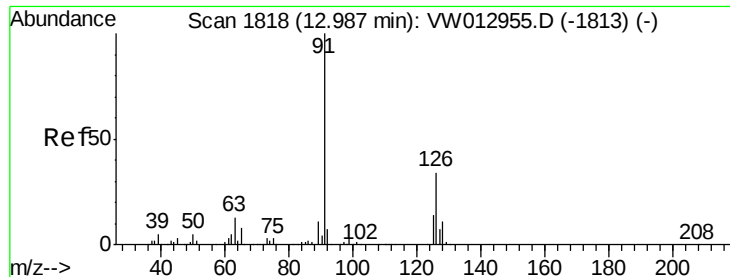
Ion Ratio Lower Upper

75 100

53 1095.3 85.6 128.4#

89 98.6 37.2 55.8#

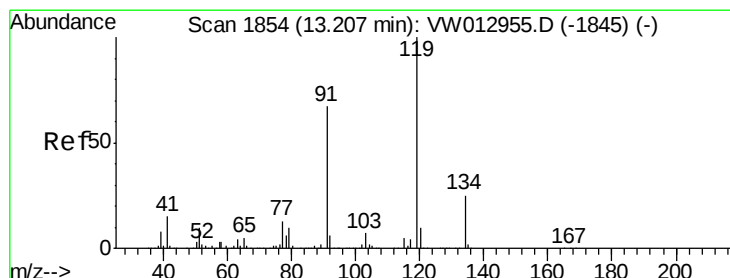
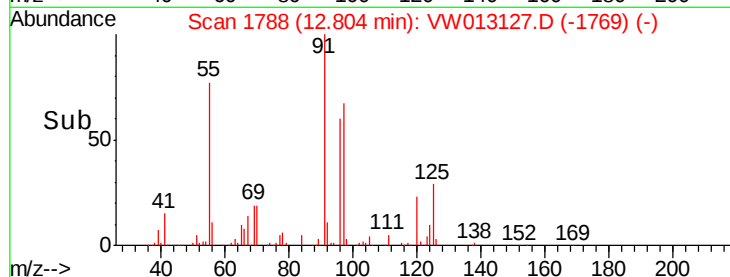
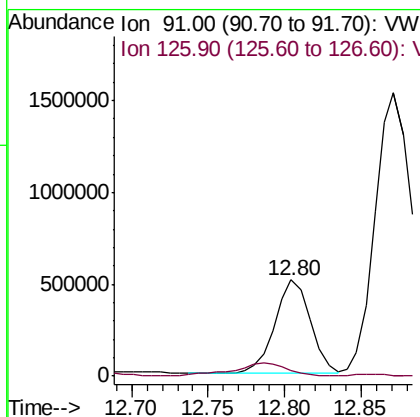
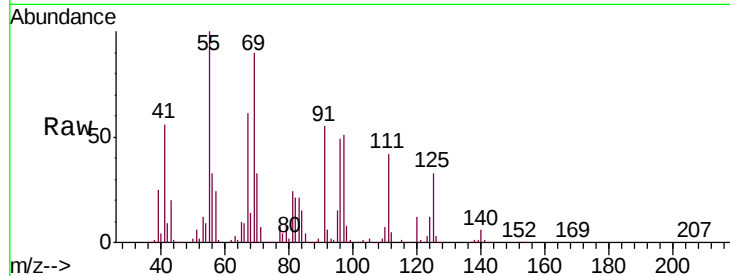




#82
4-Chlorotoluene
Concen: 72.209 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.18 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

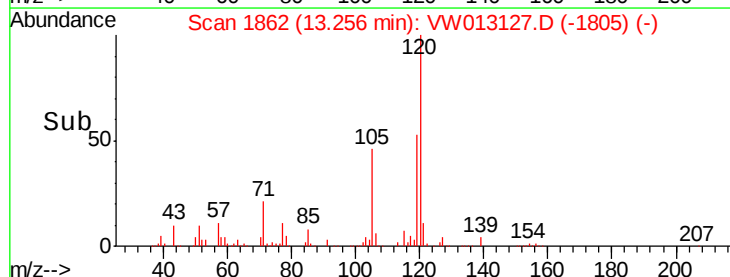
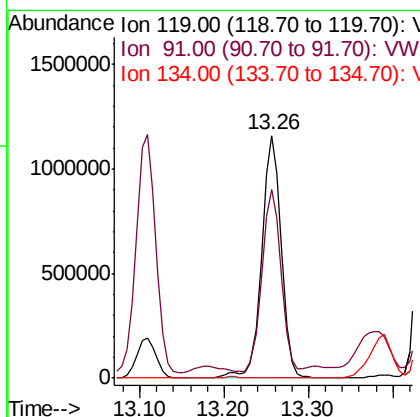
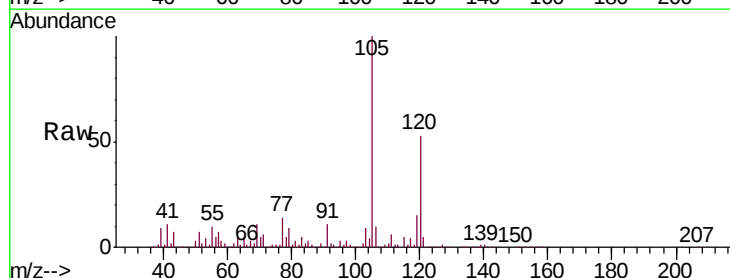
Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP

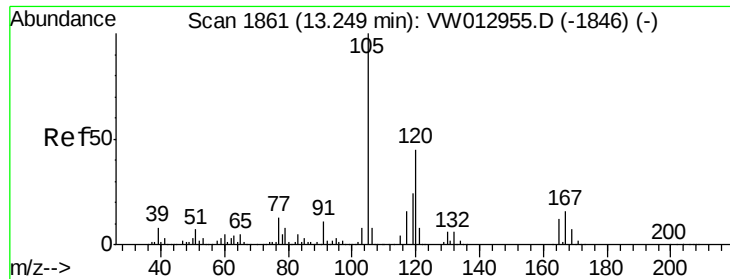
Tgt Ion: 91 Resp: 829220
Ion Ratio Lower Upper
91 100
126 19.6 16.1 48.3



#83
tert-Butylbenzene
Concen: 151.912 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.05 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

Tgt Ion: 119 Resp: 1850237
Ion Ratio Lower Upper
119 100
91 73.6 32.6 98.0
134 0.0 12.4 37.4#

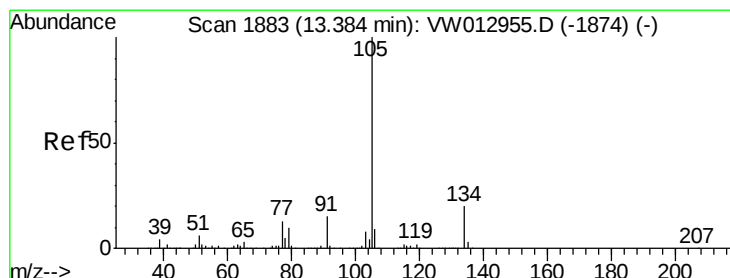
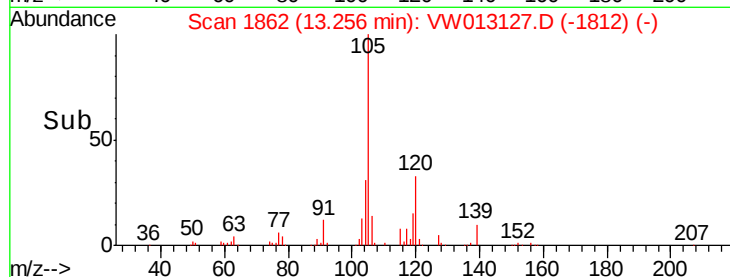
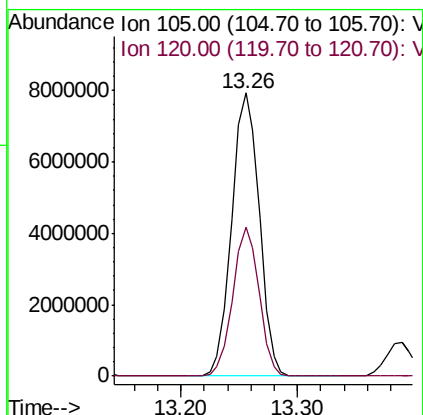
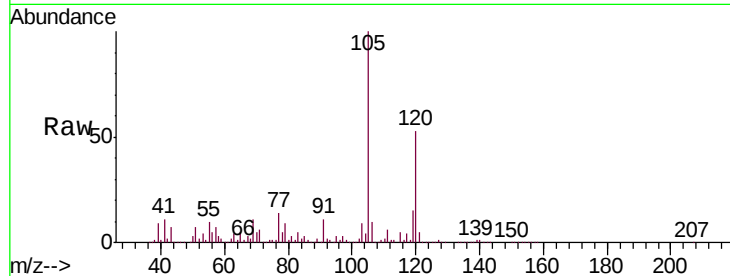




#84
 1,2,4-Trimethylbenzene
 Concen: 972.630 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

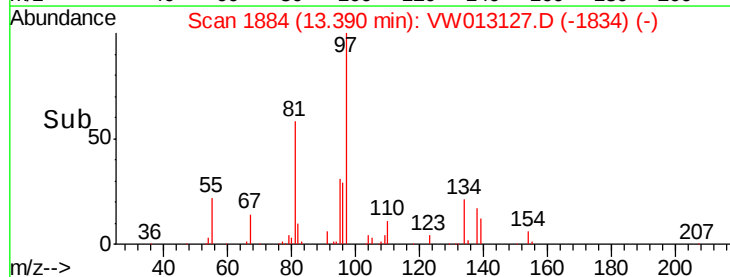
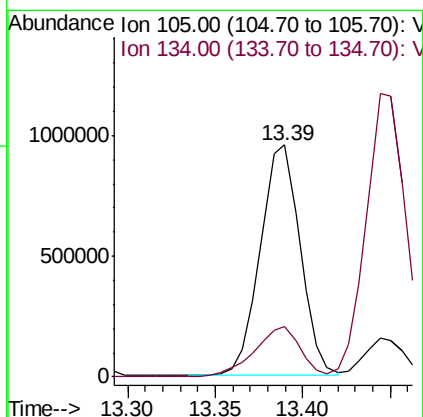
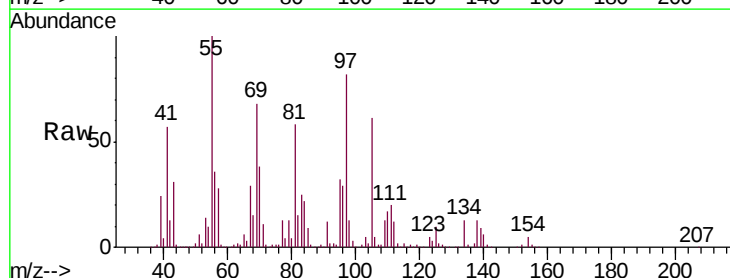
Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-COMP

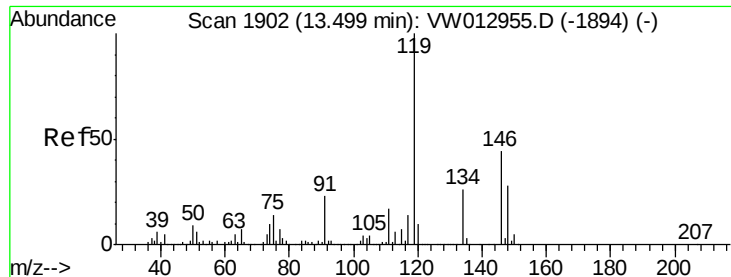
Tgt Ion:105 Resp:13087231
 Ion Ratio Lower Upper
 105 100
 120 50.2 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 91.367 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

Tgt Ion:105 Resp: 1516146
 Ion Ratio Lower Upper
 105 100
 134 25.3 10.2 30.4

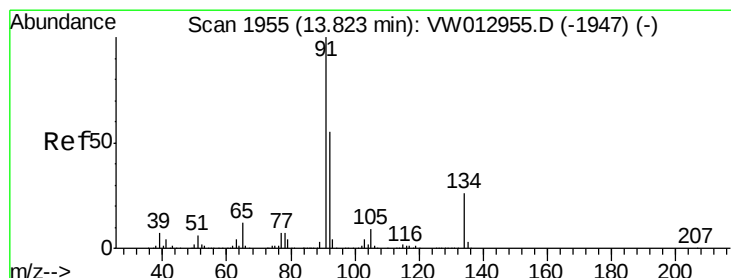
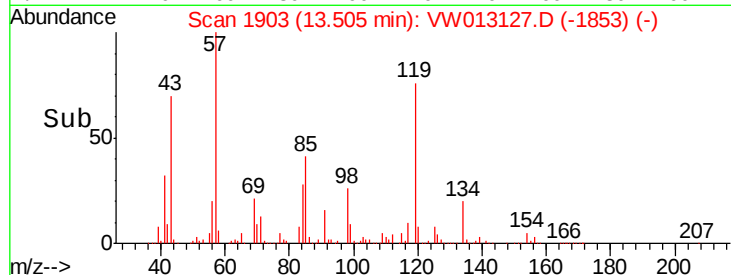
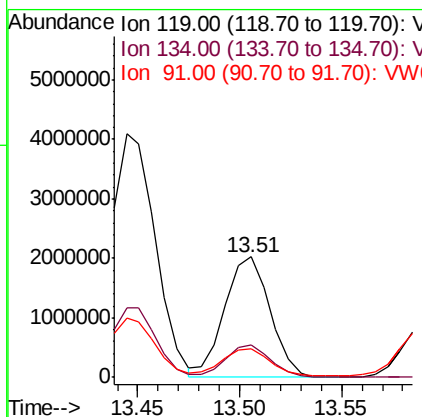
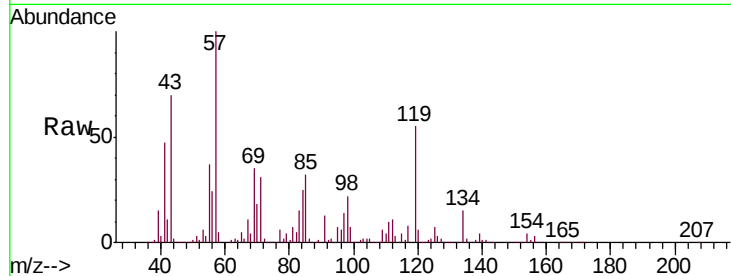




#86
p-Isopropyltoluene
Concen: 205.869 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

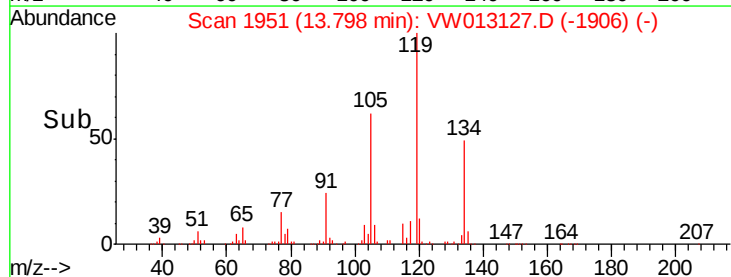
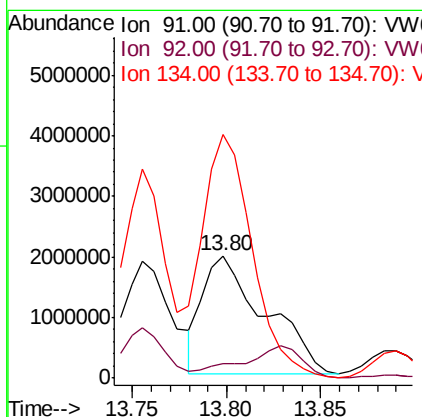
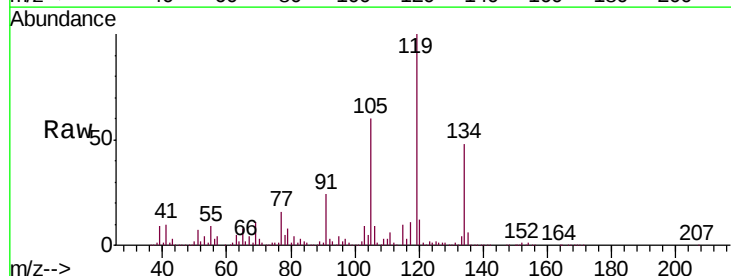
Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP

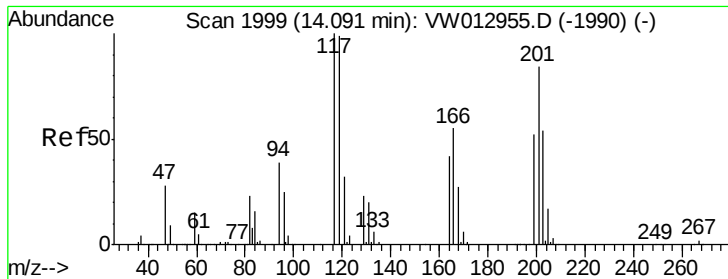
Tgt Ion: 119 Resp: 3136470
Ion Ratio Lower Upper
119 100
134 26.6 12.8 38.3
91 22.1 11.8 35.4



#89
n-Butylbenzene
Concen: 308.661 ug/l
RT: 13.80 min Scan# 1951
Delta R.T. -0.02 min
Lab File: VW013127.D
Acq: 18 Sep 2019 21:12

Tgt Ion: 91 Resp: 4434872
Ion Ratio Lower Upper
91 100
92 0.0 27.2 81.5#
134 170.7 13.1 39.1#





#90

Hexachloroethane

Concen: 446.443 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

Instrument :

MSVOA_W

ClientSampleId :

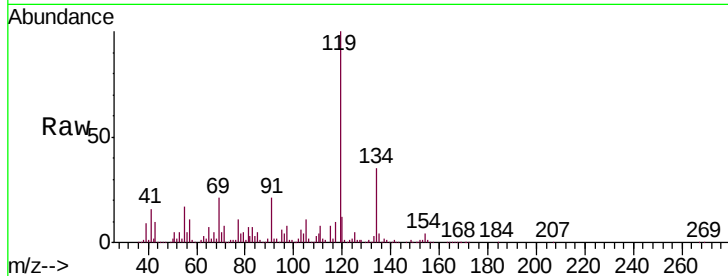
DRUM-COMP

Tgt Ion:117 Resp: 1218888

Ion Ratio Lower Upper

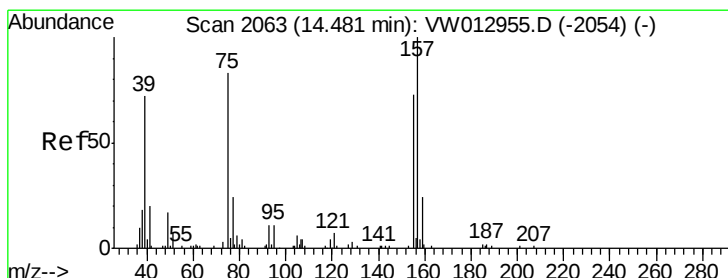
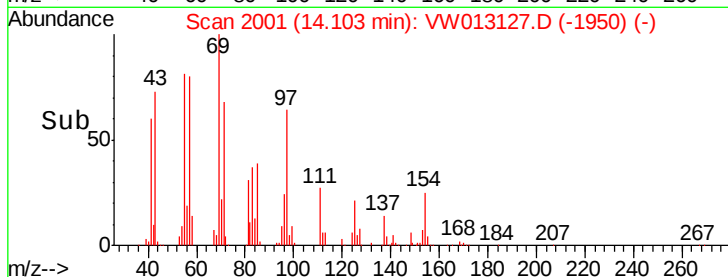
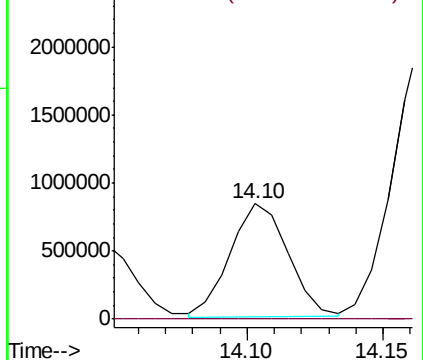
117 100

201 0.0 45.3 135.9#



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: 60.718 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW013127.D

Acq: 18 Sep 2019 21:12

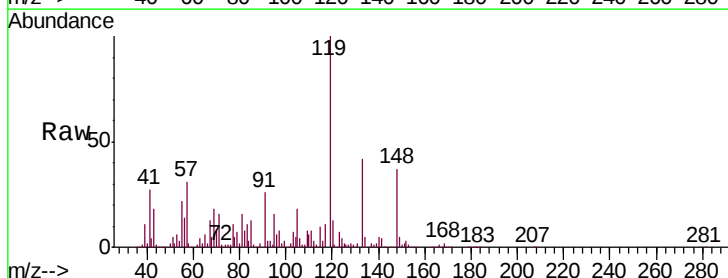
Tgt Ion: 75 Resp: 31419

Ion Ratio Lower Upper

75 100

155 38.8 43.3 129.9#

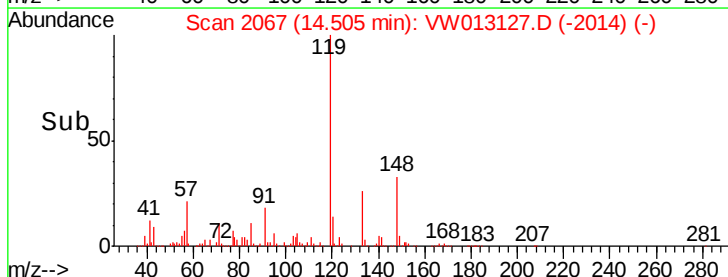
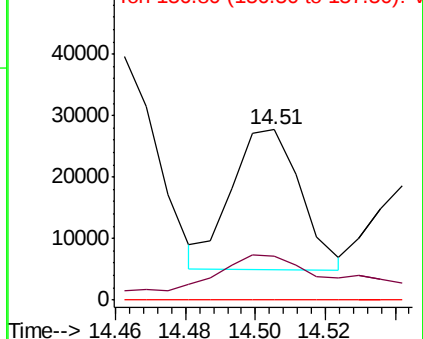
157 0.1 54.7 164.1#

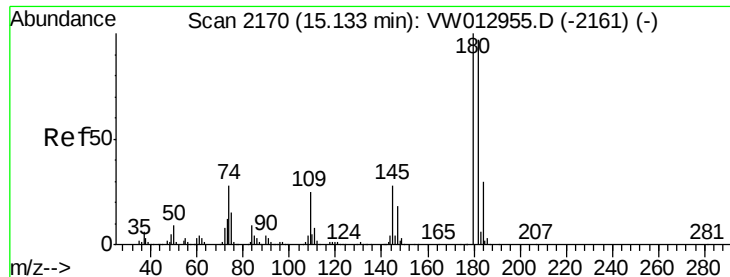


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

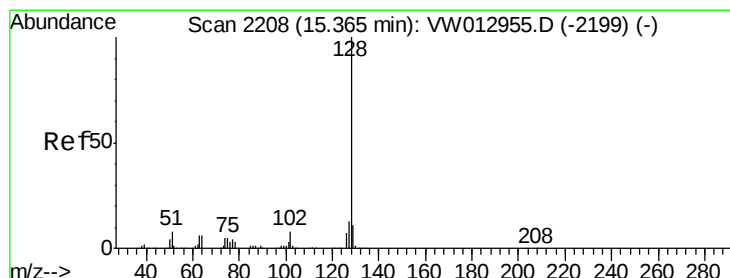
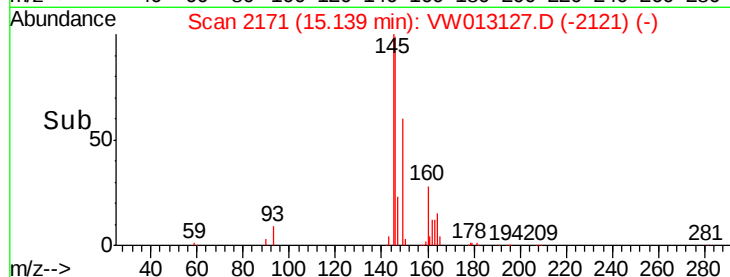
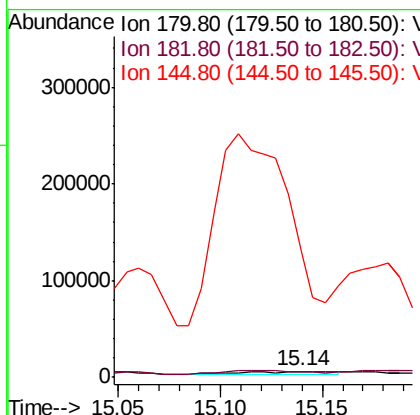
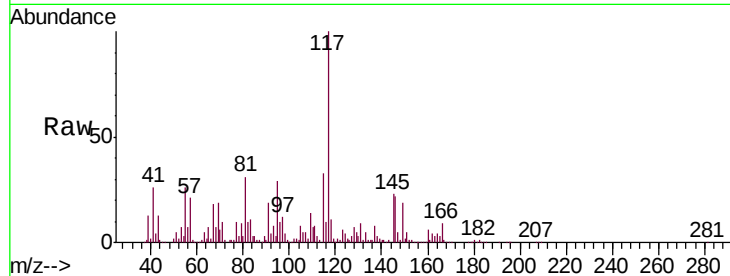




#93
 1,2,4-Trichlorobenzene
 Concen: 1.791 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

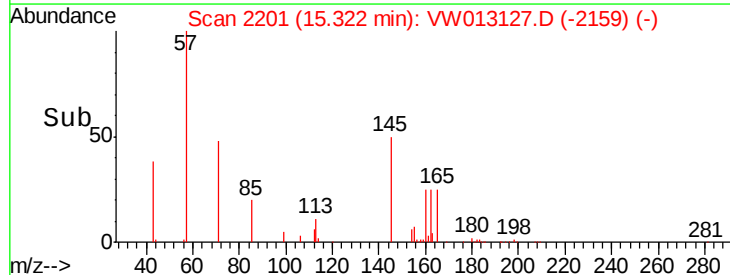
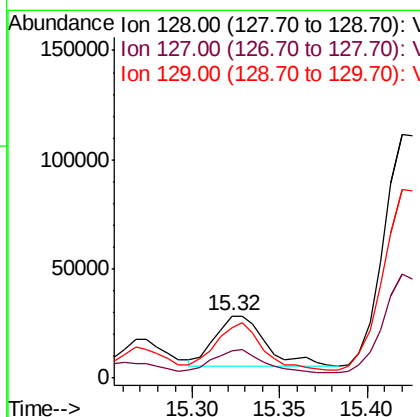
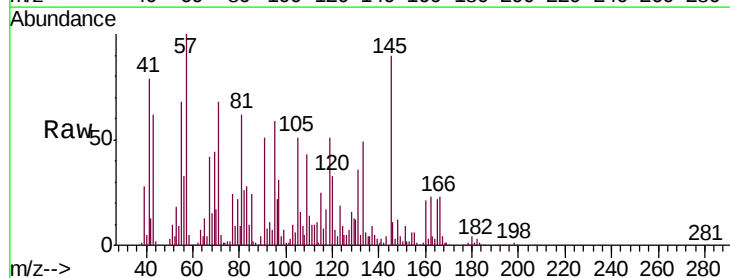
Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-COMP

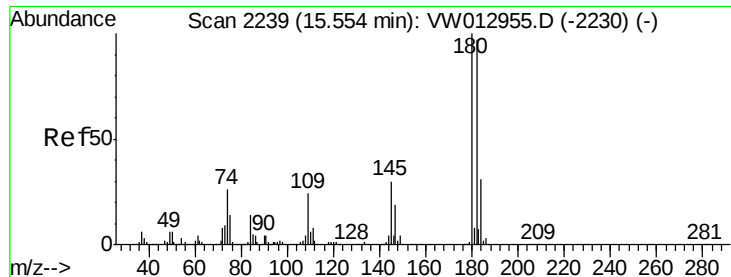
Tgt Ion:180 Resp: 8247
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.2#
 145 0.0 14.9 44.7#



#95
 Naphthalene
 Concen: 6.136 ug/l
 RT: 15.32 min Scan# 2201
 Delta R.T. -0.04 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

Tgt Ion:128 Resp: 47201
 Ion Ratio Lower Upper
 128 100
 127 44.5 11.0 16.6#
 129 83.9 8.6 12.8#

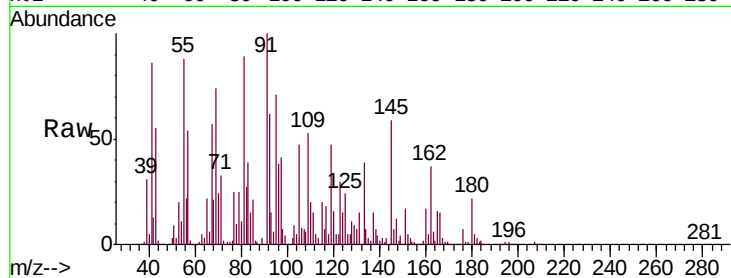




#96
 1,2,3-Trichlorobenzene
 Concen: 5.147 ug/l
 RT: 15.57 min Scan# 2242
 Delta R.T. 0.02 min
 Lab File: VW013127.D
 Acq: 18 Sep 2019 21:12

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-COMP

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.8#
145	0.0	15.4	46.2#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

