

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011992.D
 Acq On : 19 Aug 2019 15:32
 Operator : SY/VA
 Sample : K4391-03
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 19 16:26:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	447880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	167084	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	168251	54.81	ug/l	0.00
Spiked Amount						
			Recovery	=	109.62%	
35) Dibromofluoromethane	7.88	113	134940	53.70	ug/l	0.00
Spiked Amount						
			Recovery	=	107.40%	
50) Toluene-d8	10.32	98	622772	60.54	ug/l	0.00
Spiked Amount						
			Recovery	=	121.08%	
62) 4-Bromofluorobenzene	12.62	95	311586	84.95	ug/l	0.00
Spiked Amount						
			Recovery	=	169.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	560	Below Cal	#	72
14) Allyl chloride	4.90	41	16209	2.737	ug/l #	60
15) Acrylonitrile	5.45	53	1338	1.701	ug/l #	20
16) Acetone	4.12	43	8386	8.589	ug/l #	67
18) Methyl Acetate	4.90	43	38928	17.747	ug/l #	57
20) Methylene Chloride	4.92	84	5271	1.565	ug/l #	81
25) 2-Butanone	7.16	43	12718	9.954	ug/l #	56
31) Cyclohexane	7.95	56	92550	16.126	ug/l #	89
36) 1,1-Dichloropropene	7.95	75	22870	4.911	ug/l #	54
37) Ethyl Acetate	7.16	43	12718	4.747	ug/l #	76
38) Carbon Tetrachloride	7.95	117	26907	6.749	ug/l #	16
39) Methylcyclohexane	9.34	83	1472860	287.216	ug/l	95
41) Methacrylonitrile	7.70	41	15234	9.511	ug/l #	62
43) Isopropyl Acetate	8.42	43	183527	37.245	ug/l #	55
45) 1,2-Dichloropropane	9.34	63	17294	4.955	ug/l #	1
47) Bromodichloromethane	9.61	83	85933	20.564	ug/l #	44
48) Methyl methacrylate	9.51	41	73422	31.019	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	24160	9.426	ug/l #	40
55) 1,1,2-Trichloroethane	10.76	97	439216	194.314	ug/l #	23
56) Ethyl methacrylate	10.66	69	1143551	345.735	ug/l #	10
59) 2-Hexanone	10.94	43	2677748	1479.667	ug/l #	33
60) Dibromochloromethane	11.04	129	3649	1.454	ug/l	97
61) 1,2-Dibromoethane	11.21	107	2722	1.273	ug/l #	1
68) m/p-Xylenes	11.84	106	13019	2.638	ug/l #	69
73) Isopropylbenzene	12.46	105	96824	7.768	ug/l	99
74) N-amyl acetate	12.25	43	1033618	264.864	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.69	83	60345	25.737	ug/l #	77
76) 1,2,3-Trichloropropane	12.62	75	89371	50.551	ug/l #	100
78) n-propylbenzene	12.80	91	85083	5.609	ug/l	91
79) 2-Chlorotoluene	12.94	91	36029	4.123	ug/l	82
80) 1,3,5-Trimethylbenzene	12.94	105	212287	20.317	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	89371	116.502	ug/l #	23
82) 4-Chlorotoluene	12.94	91	36029	3.929	ug/l	82
83) tert-Butylbenzene	13.21	119	56847	6.506	ug/l	92

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QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

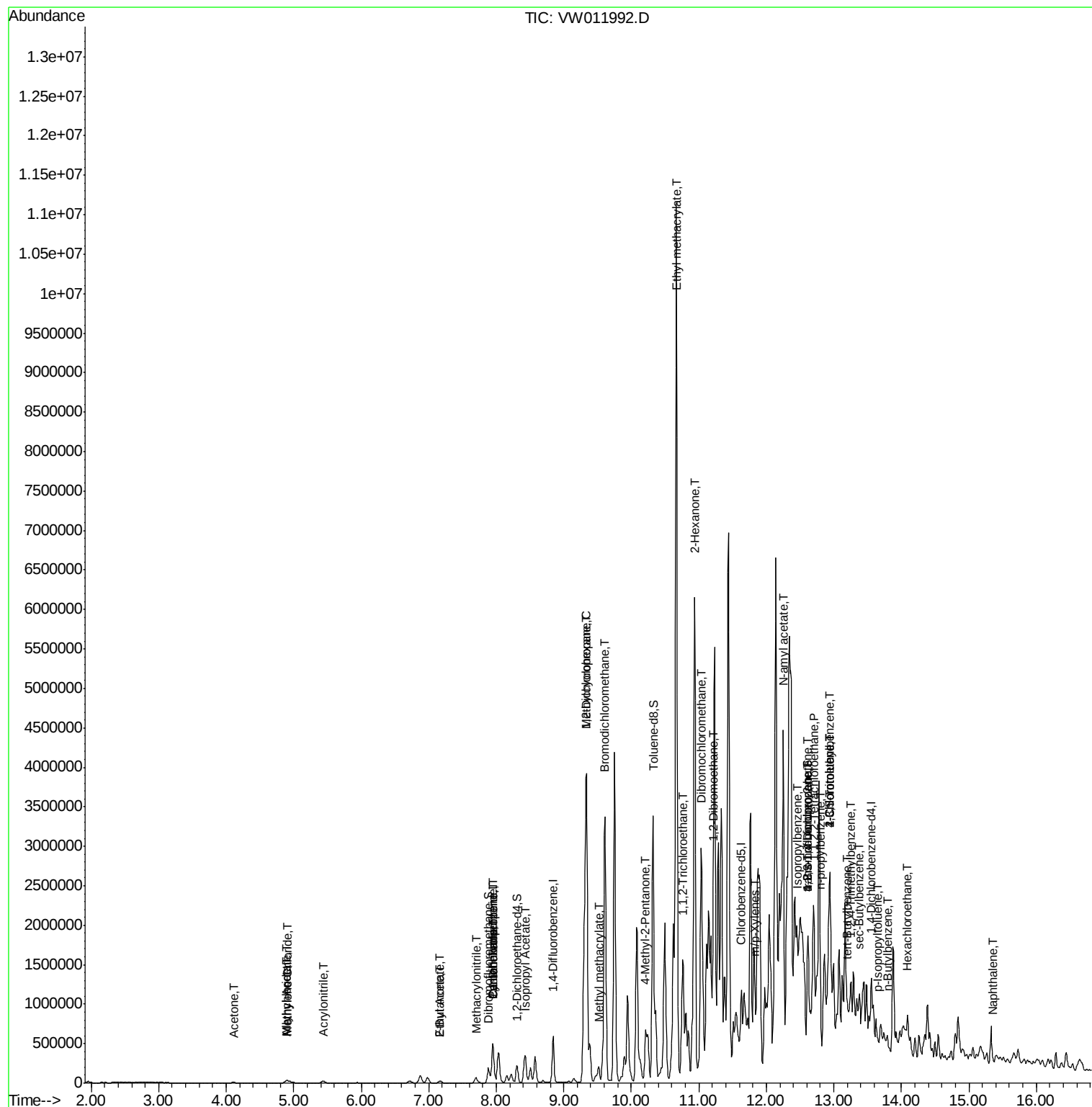
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.25	105	320361	30.437	ug/l	99
85) sec-Butylbenzene	13.38	105	164424	13.188	ug/l #	57
86) p-Isopropyltoluene	13.65	119	52647	4.654	ug/l	94
89) n-Butylbenzene	13.79	91	27387	2.426	ug/l #	1
90) Hexachloroethane	14.10	117	11502	5.750	ug/l #	20
95) Naphthalene	15.36	128	2441	2.421	ug/l #	69

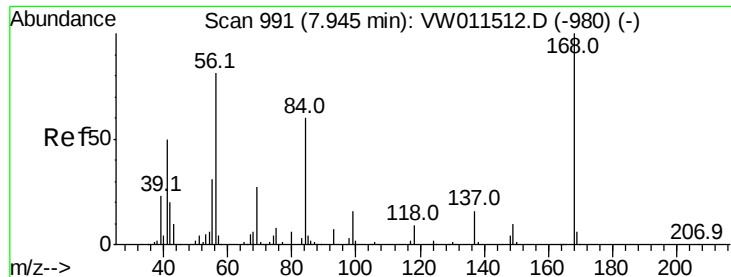
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

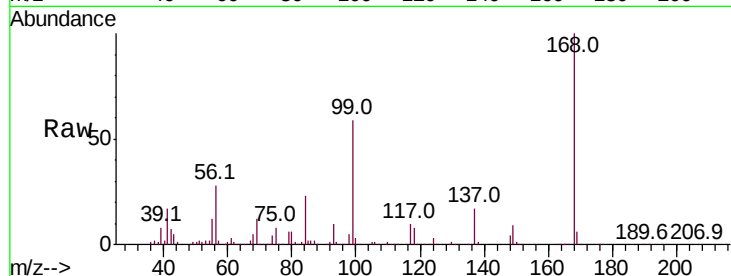
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 267319

Ion Ratio Lower Upper

168 100

99 58.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

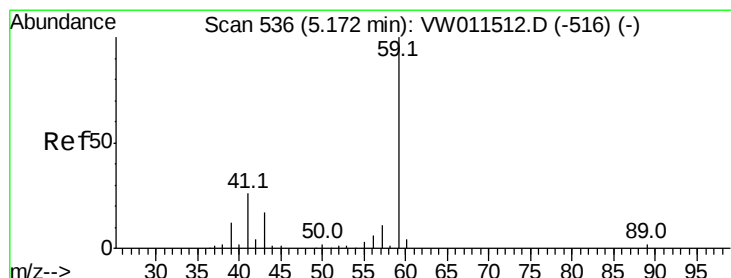
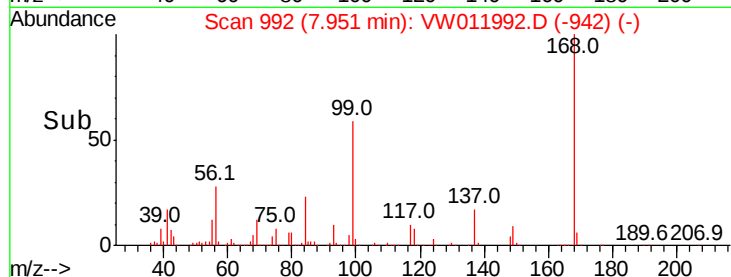
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW011992.D

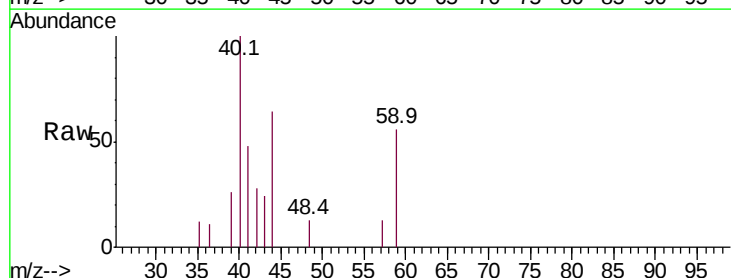
Acq: 19 Aug 2019 15:32

Tgt Ion: 59 Resp: 560

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

300

250

200

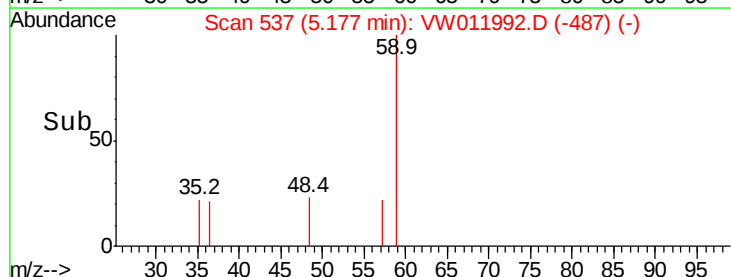
150

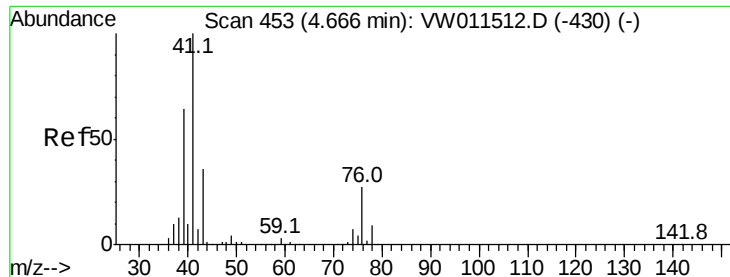
100

50

0

Time-->





#14

Allvl chloride

Concen: 2.737 ug/l

RT: 4.90 min Scan# 491

Delta R.T. 0.23 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Instrument :

MSVOA_W

ClientSampled :

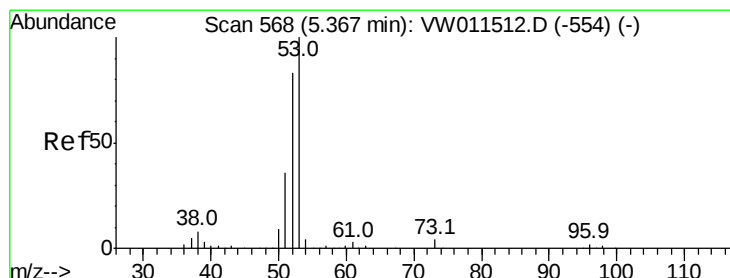
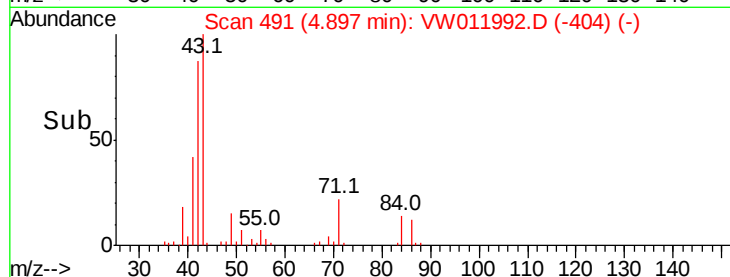
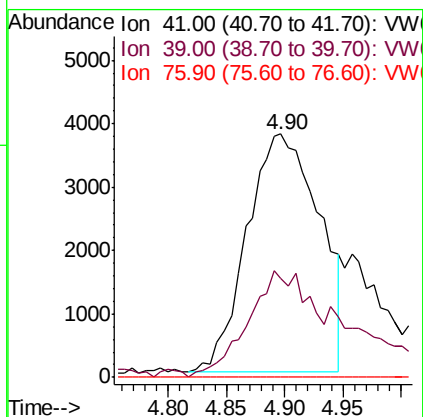
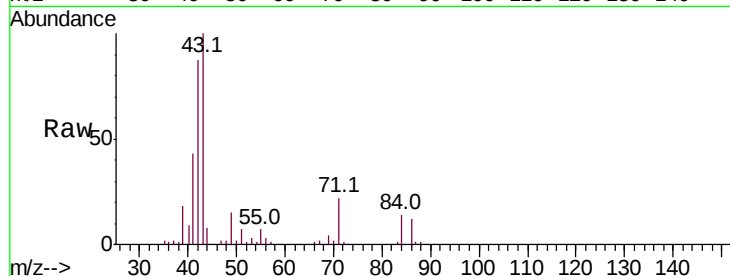
Tot Ion: 41 Resp: 16209

Ion Ratio Lower Upper

41 100

39 38.6 52.6 78.8#

76 0.0 22.0 33.0#



#15

Acrylonitrile

Concen: 1.701 ug/l

RT: 5.45 min Scan# 581

Delta R.T. 0.08 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

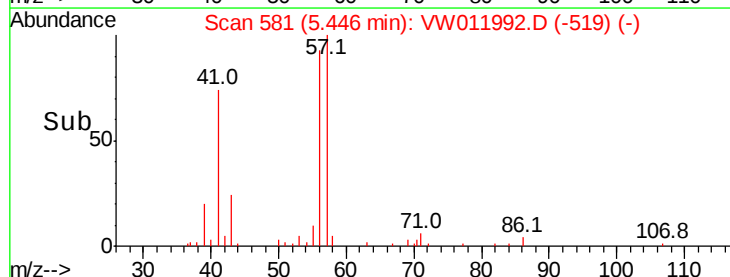
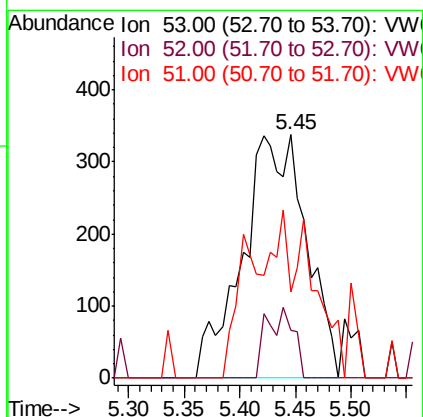
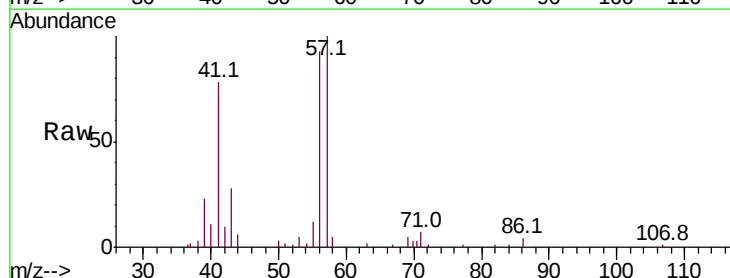
Tgt Ion: 53 Resp: 1338

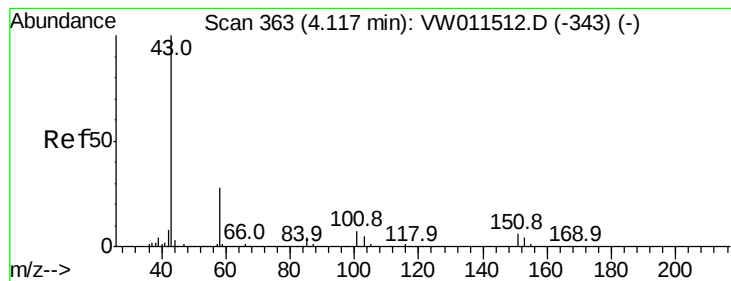
Ion Ratio Lower Upper

53 100

52 0.0 67.2 100.8#

51 7.2 30.0 45.0#





#16

Acetone

Concen: 8.589 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Instrument :

MSVOA_W

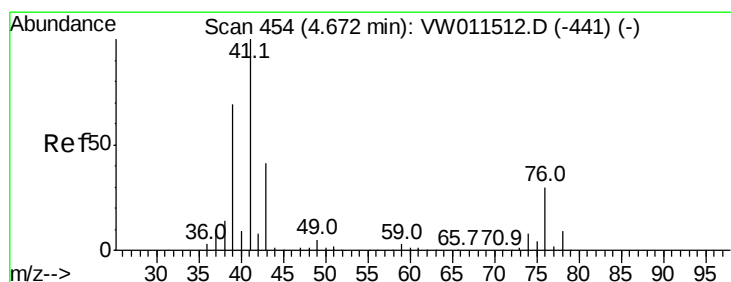
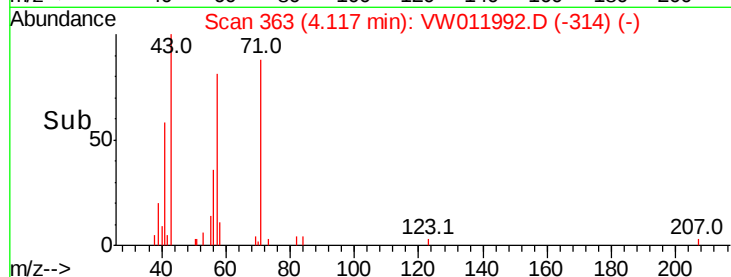
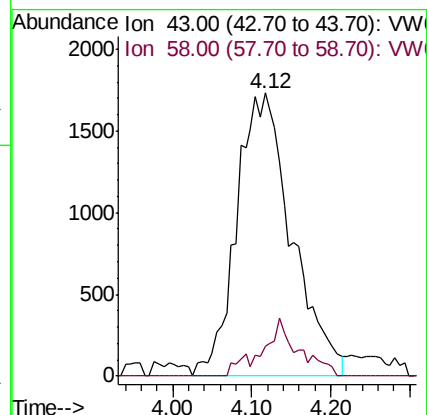
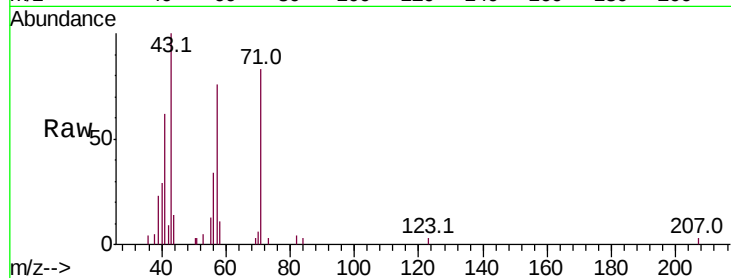
ClientSampleId :

Tot Ion: 43 Resp: 8386

Ion Ratio Lower Upper

43 100

58 10.7 22.3 33.5#



#18

Methyl Acetate

Concen: 17.747 ug/l

RT: 4.90 min Scan# 491

Delta R.T. 0.23 min

Lab File: VW011992.D

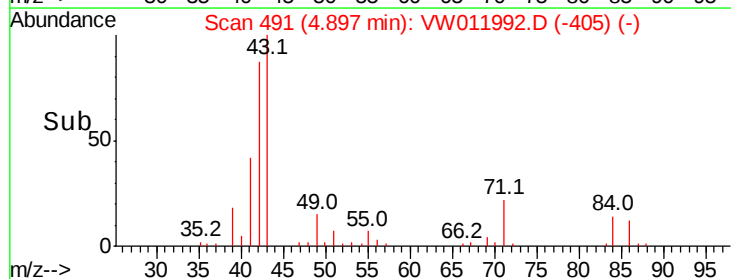
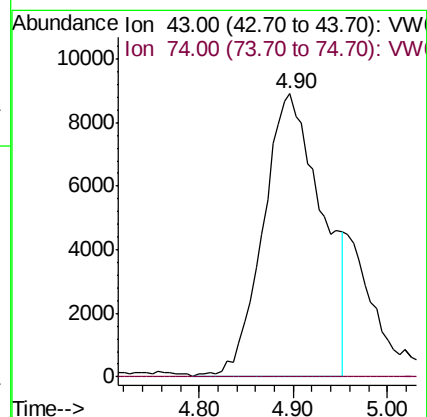
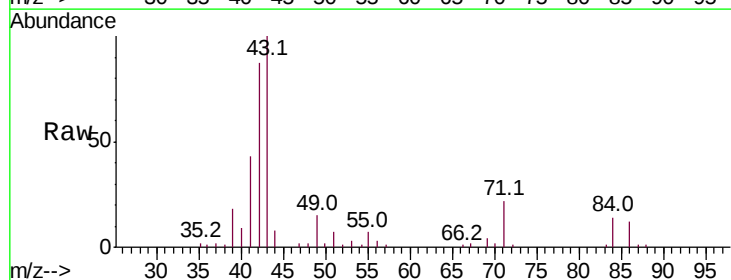
Acq: 19 Aug 2019 15:32

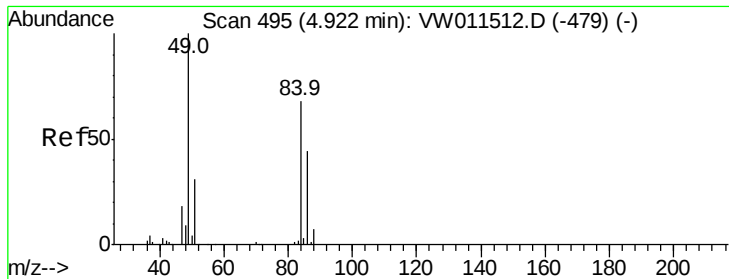
Tgt Ion: 43 Resp: 38928

Ion Ratio Lower Upper

43 100

74 0.0 15.9 23.9#





#20

Methylene Chloride

Concen: 1.565 ug/l

RT: 4.92 min Scan# 494

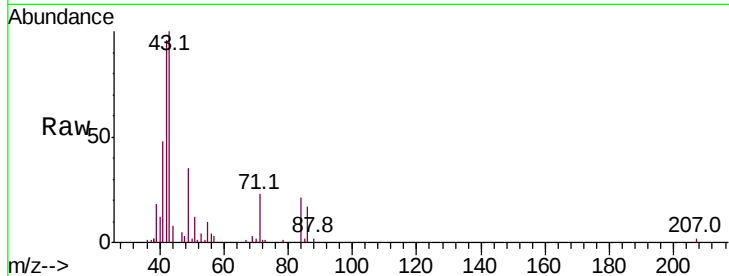
Delta R.T. -0.01 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	84	Resp:	5271
Ion	Ratio	Lower	Upper
84	100		
49	171.7	117.8	176.6
51	58.0	37.0	55.4#
86	80.5	51.8	77.8#

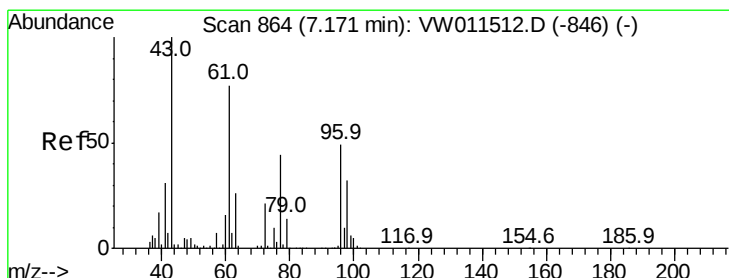
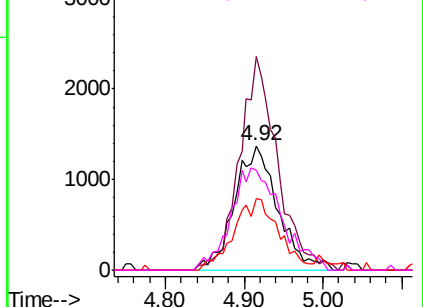
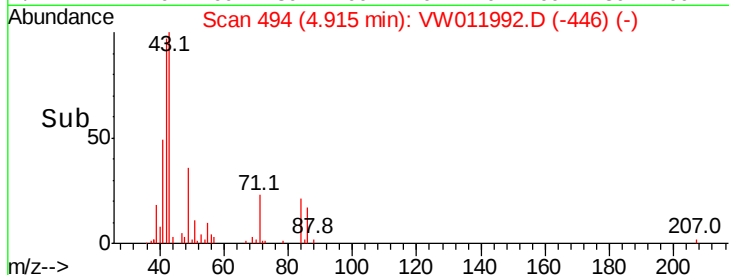


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 9.954 ug/l

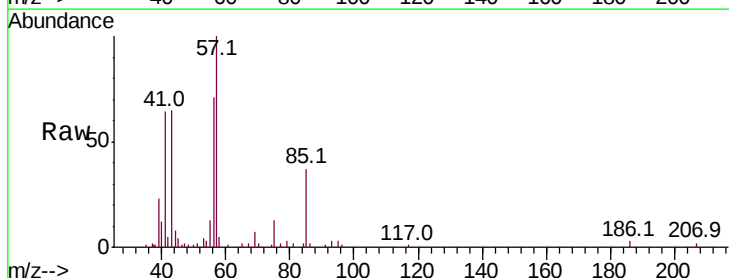
RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011992.D

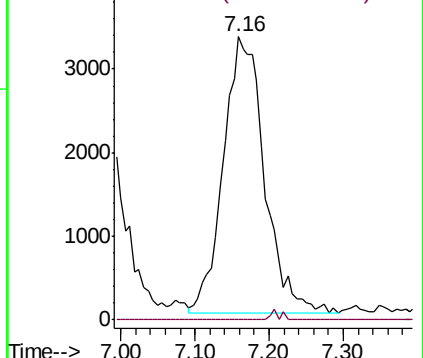
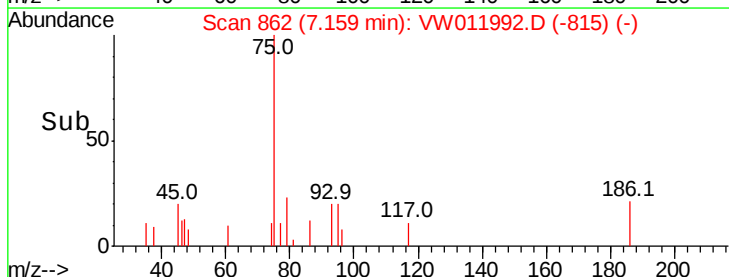
Acq: 19 Aug 2019 15:32

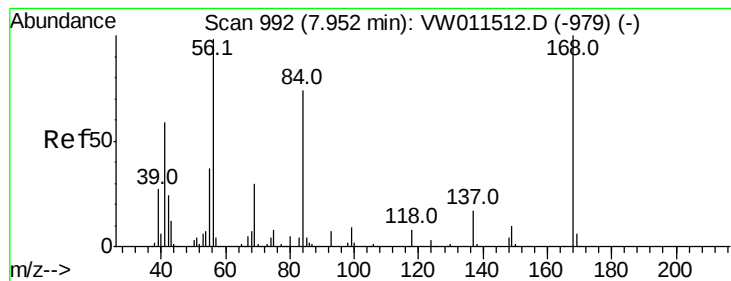
Tgt Ion:	43	Resp:	12718
Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.6	24.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 16.126 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

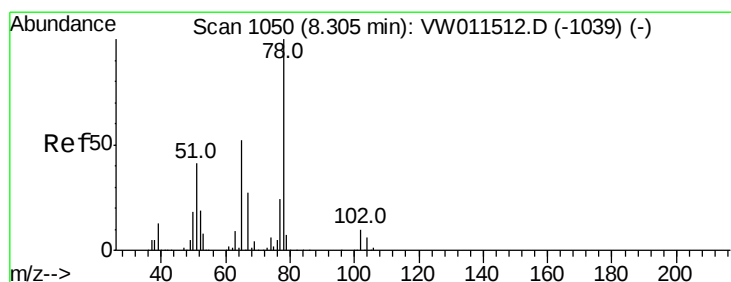
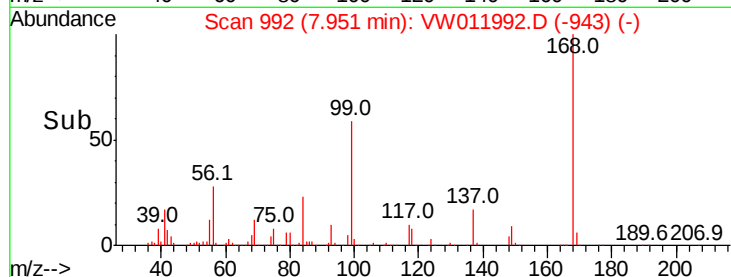
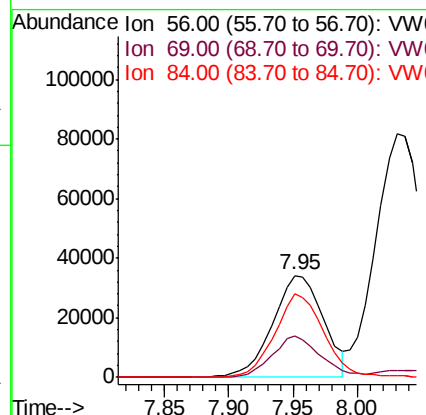
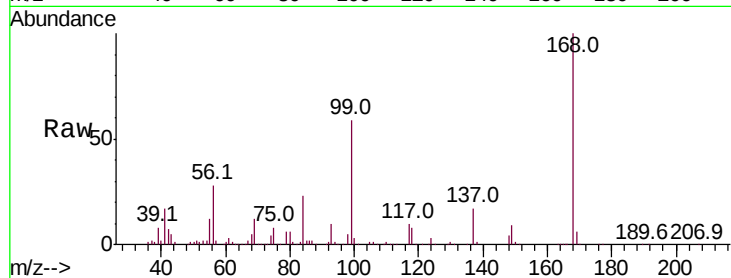
Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 92550

Ion	Ratio	Lower	Upper
56	100		
69	40.8	24.3	36.5#
84	82.3	60.4	90.6



#33

1,2-Dichloroethane-d4

Concen: 54.813 ug/l

RT: 8.30 min Scan# 1050

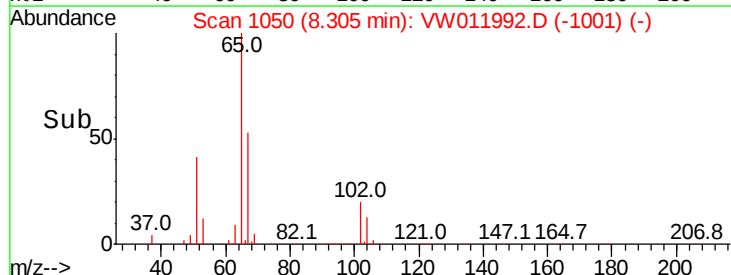
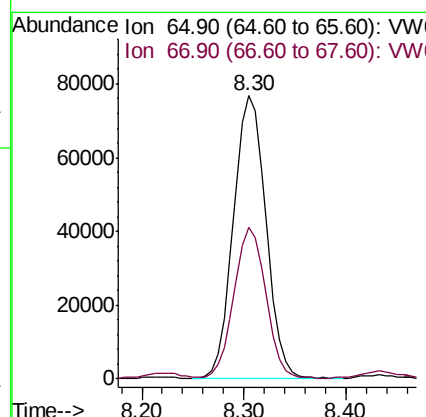
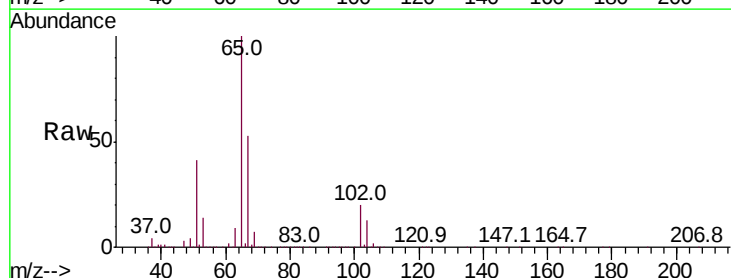
Delta R.T. -0.00 min

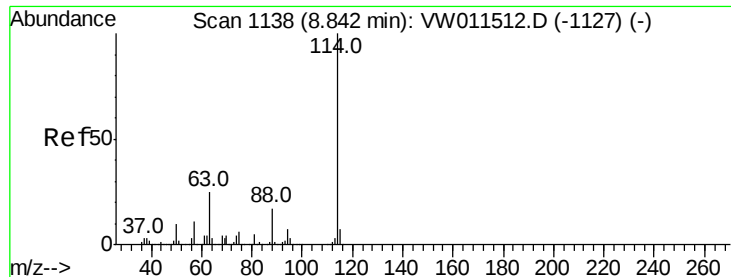
Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Tgt Ion: 65 Resp: 168251

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.2

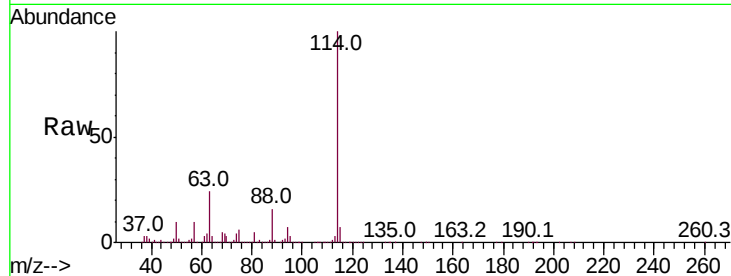




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	49.2
88	16.1	0.0	33.8

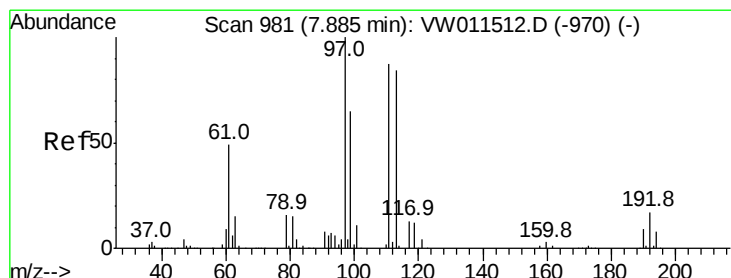
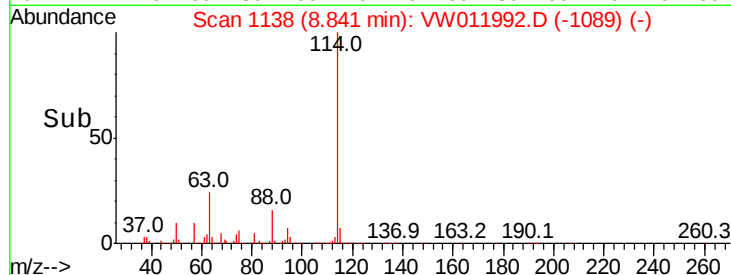
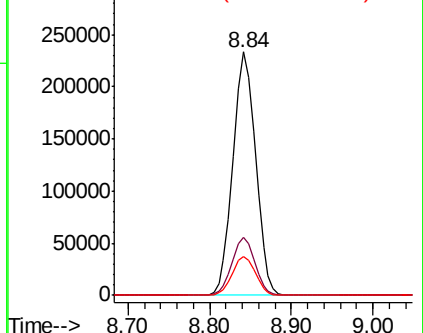


Abundance

Ion 113.90 (113.60 to 114.60): V

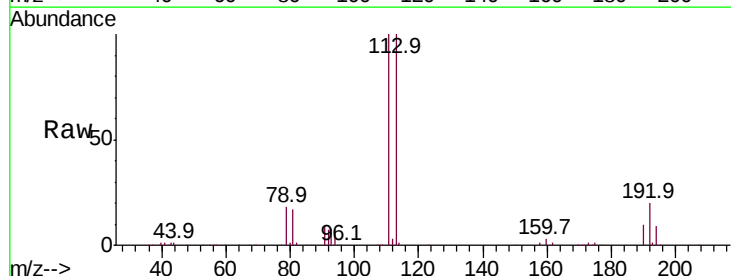
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 53.703 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	20.7	16.1	24.1

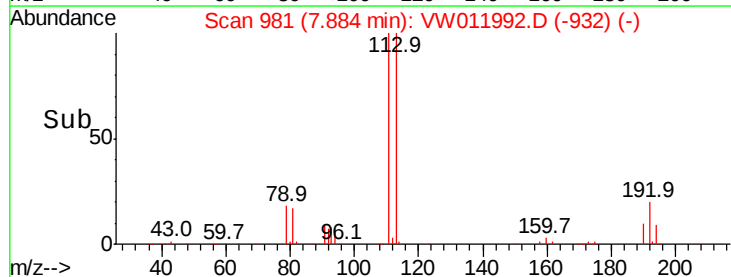
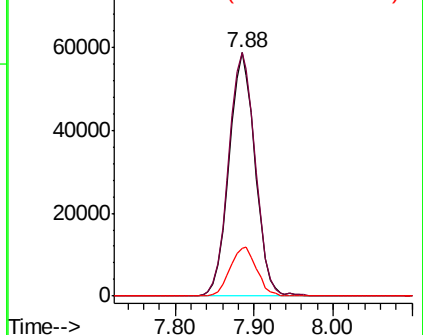


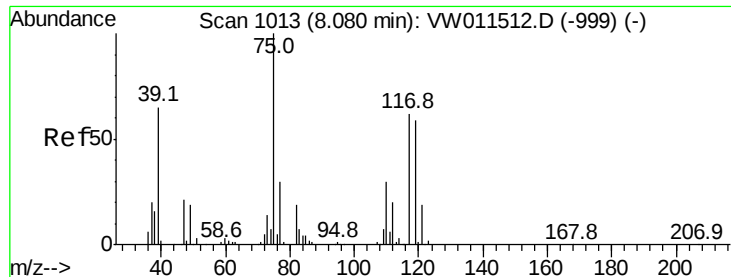
Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

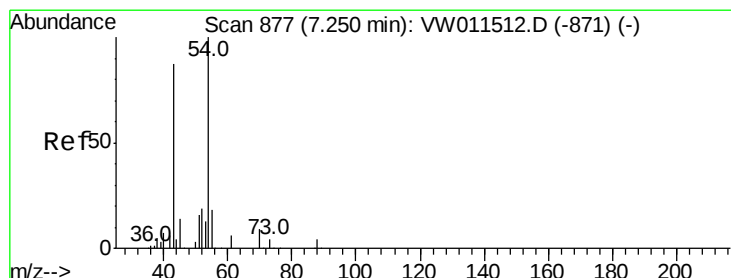
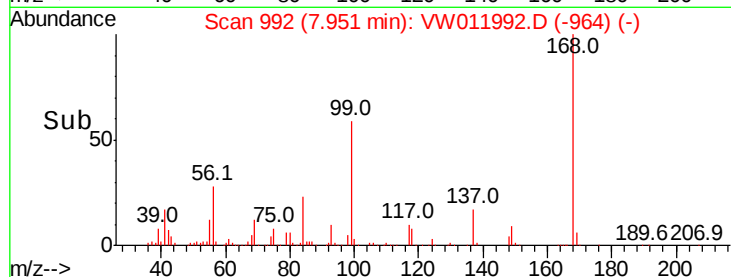
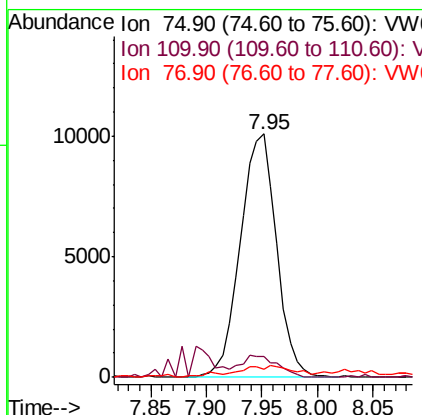
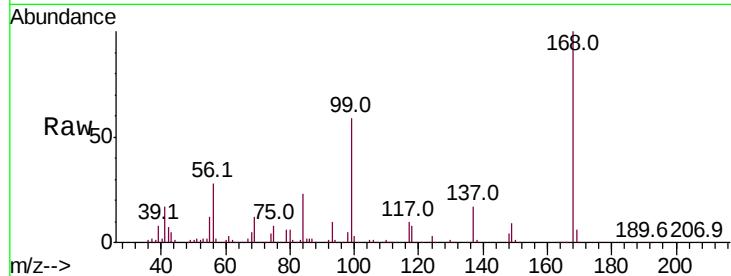




#36
 1,1-Dichloropropene
 Concen: 4.911 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW011992.D
 Acq: 19 Aug 2019 15:32

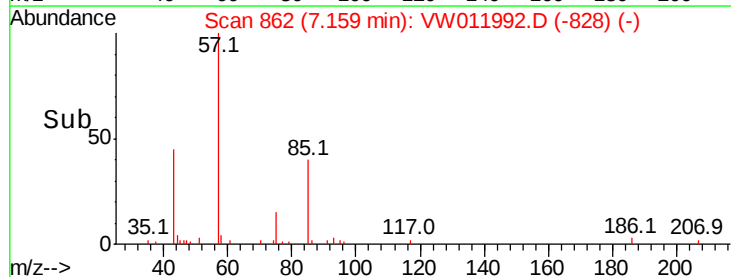
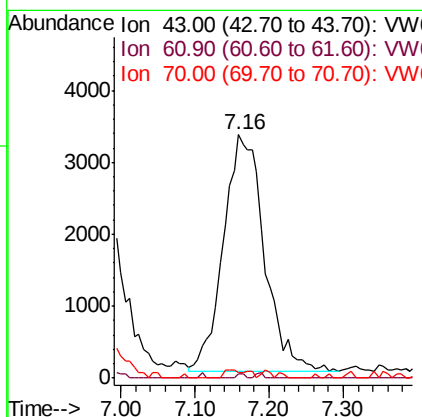
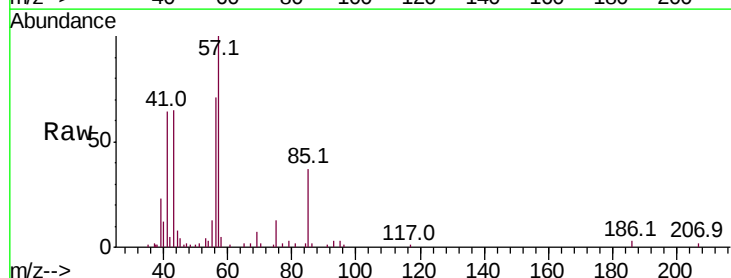
Instrument :
 MSVOA_W
 ClientSampleId :

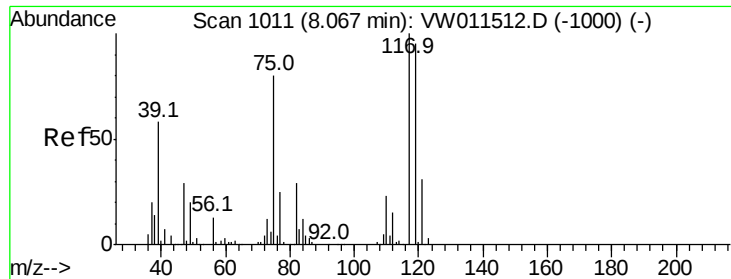
Tot Ion: 75 Resp: 22870
 Ion Ratio Lower Upper
 75 100
 110 9.0 15.6 46.8#
 77 1.7 24.3 36.5#



#37
 Ethyl Acetate
 Concen: 4.747 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.09 min
 Lab File: VW011992.D
 Acq: 19 Aug 2019 15:32

Tgt Ion: 43 Resp: 12718
 Ion Ratio Lower Upper
 43 100
 61 0.3 8.8 13.2#
 70 2.0 7.1 10.7#

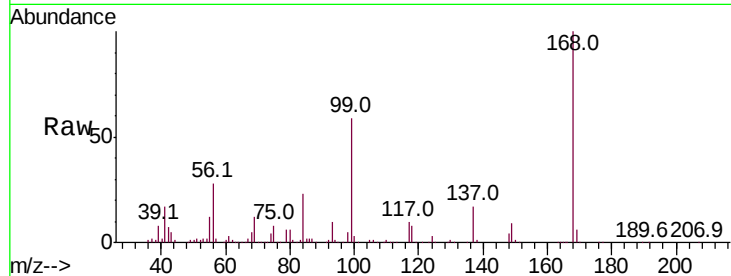




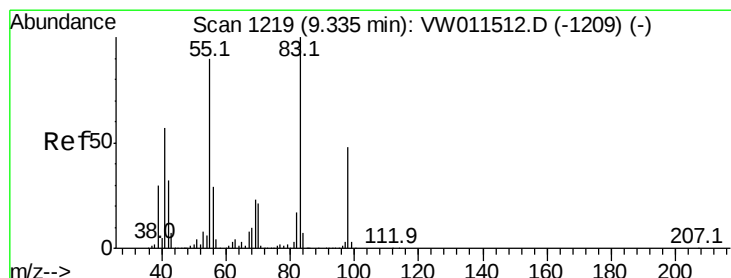
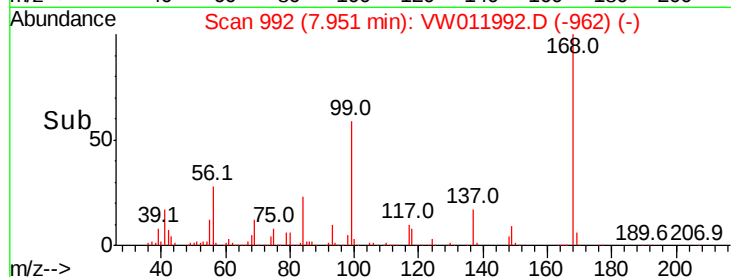
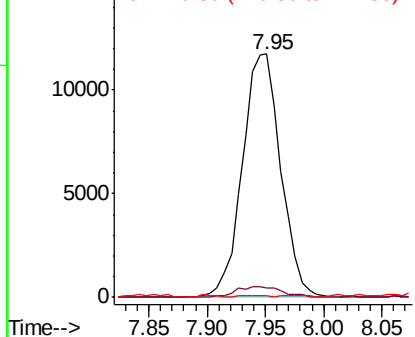
#38
Carbon Tetrachloride
Concen: 6.749 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 26907
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.7 24.7 37.1#

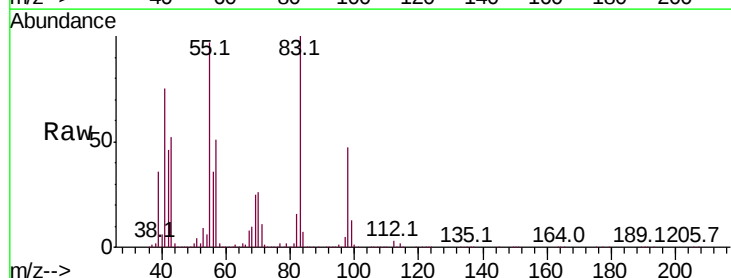


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

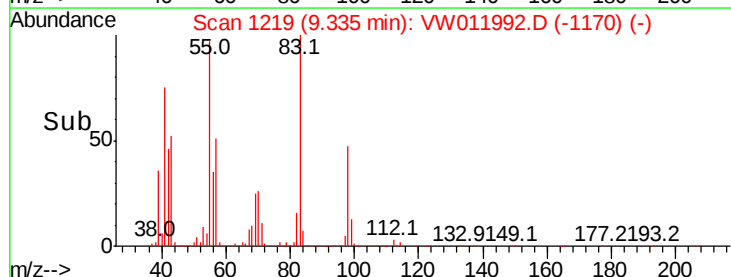
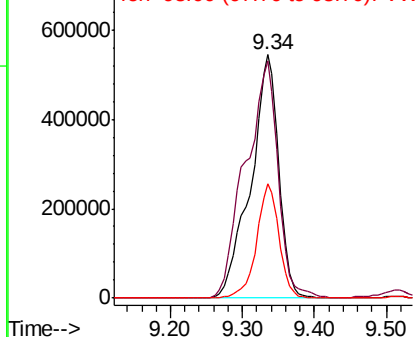


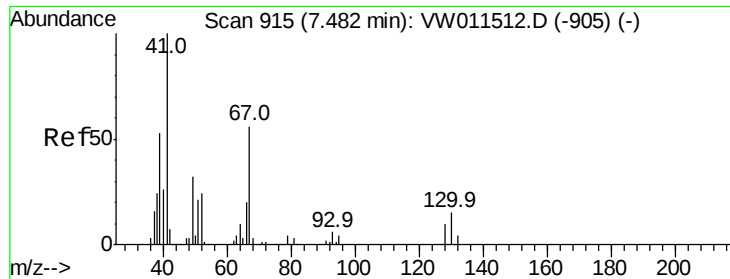
#39
Methylcyclohexane
Concen: 287.216 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

Tgt Ion: 83 Resp: 1472860
Ion Ratio Lower Upper
83 100
55 97.1 72.1 108.1
98 47.2 38.6 57.8



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

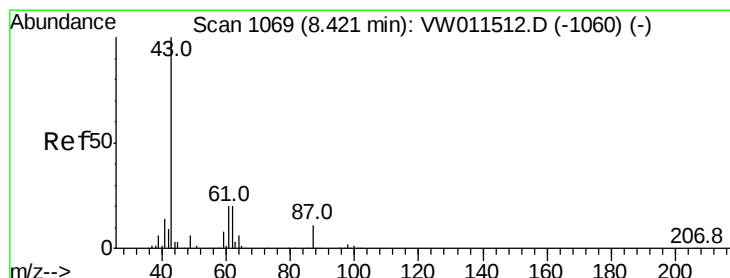
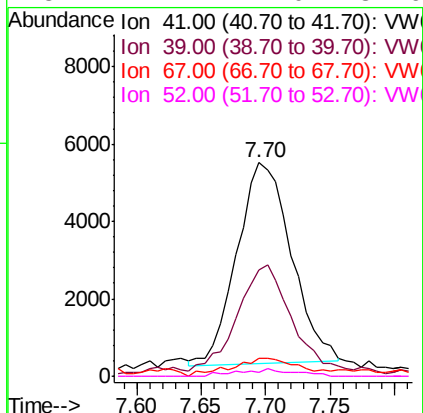
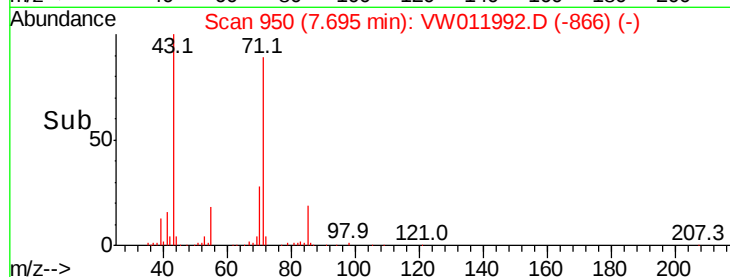
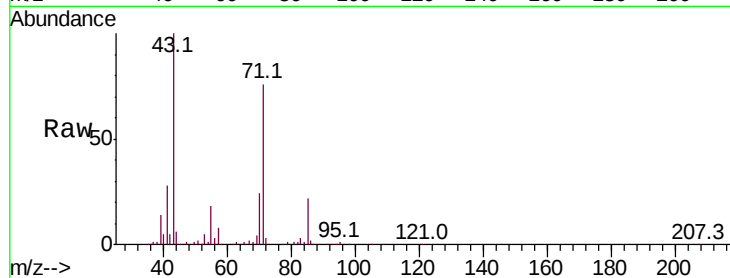




#41
Methacrylonitrile
Concen: 9.511 ug/l
RT: 7.70 min Scan# 950
Delta R.T. 0.21 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

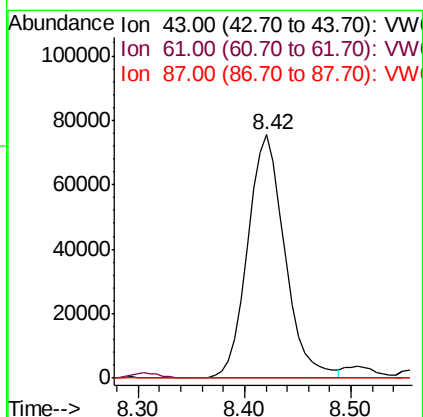
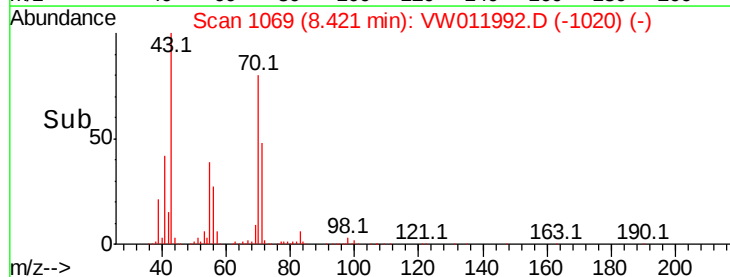
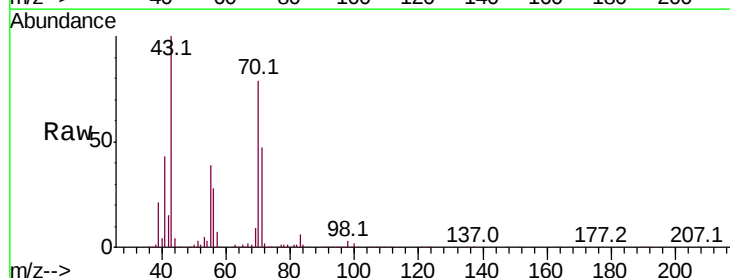
Instrument :
MSVOA_W
ClientSampleId :

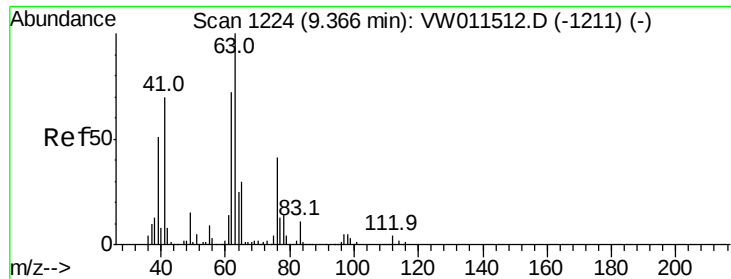
Tot Ion: 41 Resp: 15234
Ion Ratio Lower Upper
41 100
39 50.6 43.0 64.4
67 11.2 47.5 71.3#
52 2.7 21.0 31.6#



#43
Isopropyl Acetate
Concen: 37.245 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

Tgt Ion: 43 Resp: 183527
Ion Ratio Lower Upper
43 100
61 0.1 21.5 32.3#
87 0.0 8.4 12.6#





#45

1,2-Dichloropropane

Concen: 4.955 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.03 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

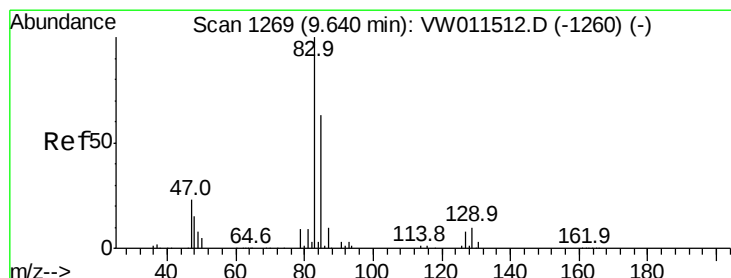
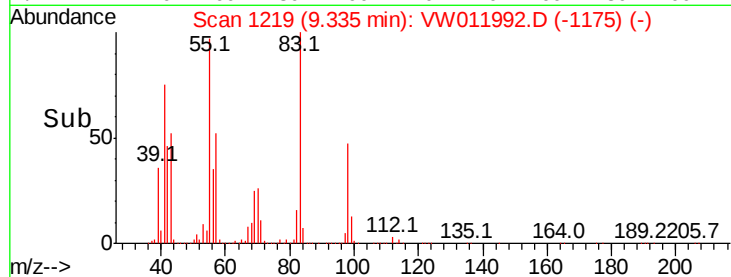
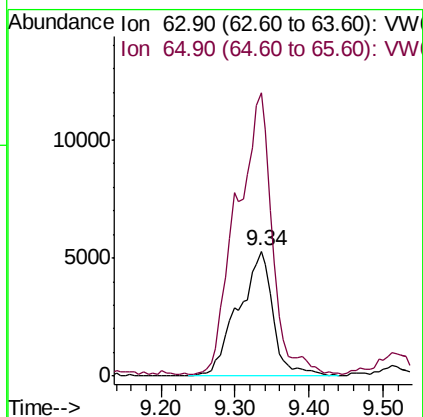
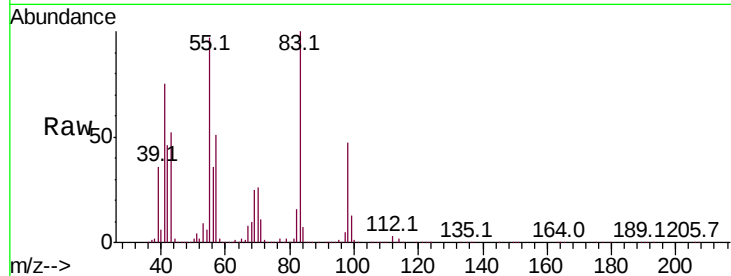
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 17294

Ion Ratio Lower Upper

63 100

65 224.9 24.2 36.4#



#47

Bromodichloromethane

Concen: 20.564 ug/l

RT: 9.61 min Scan# 1264

Delta R.T. -0.03 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

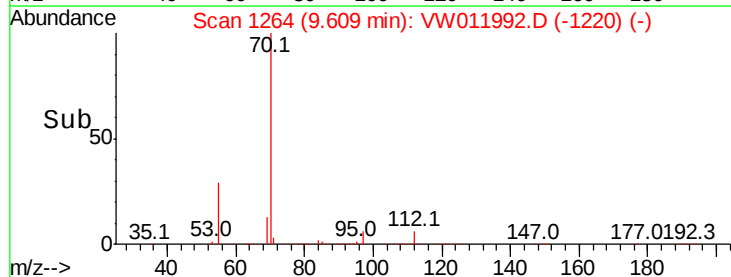
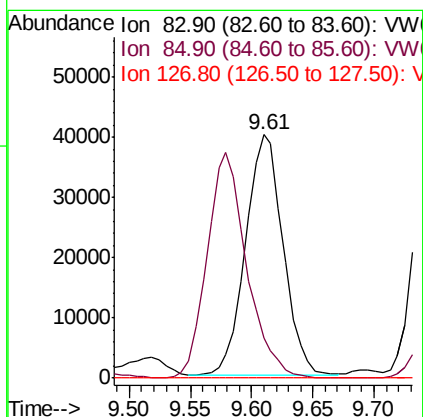
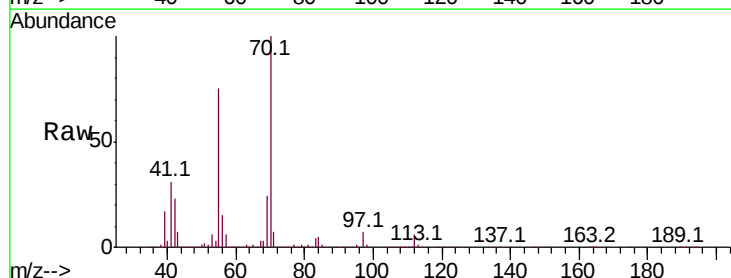
Tgt Ion: 83 Resp: 85933

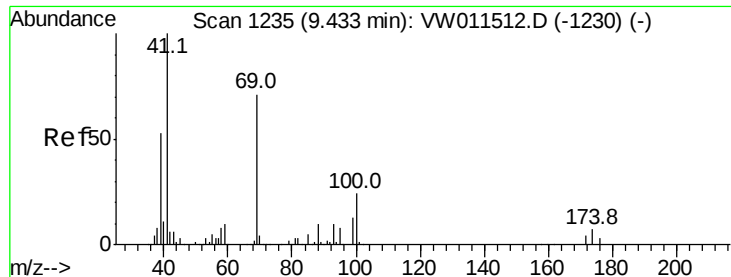
Ion Ratio Lower Upper

83 100

85 16.5 50.5 75.7#

127 0.0 6.4 9.6#

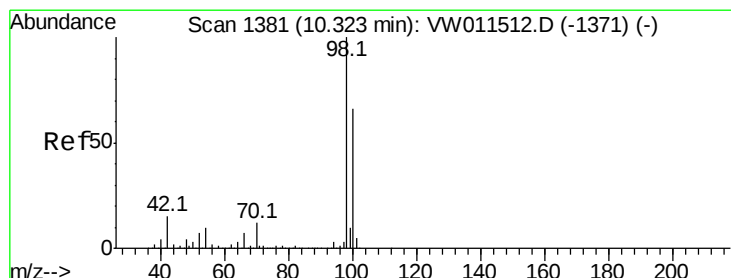
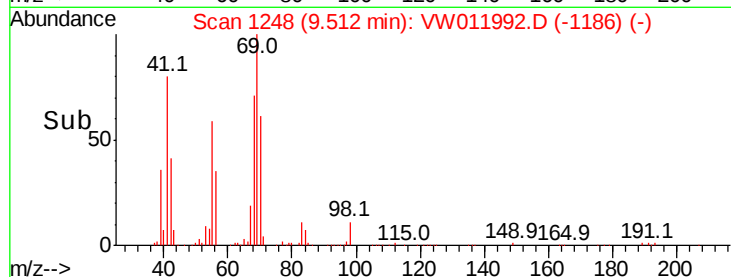
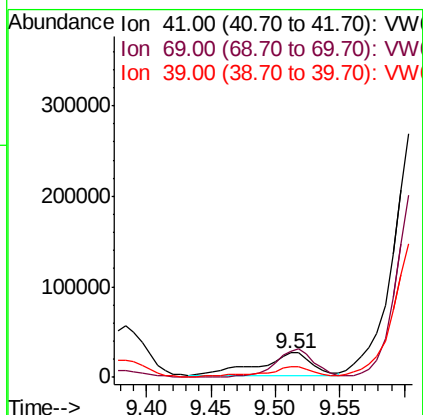
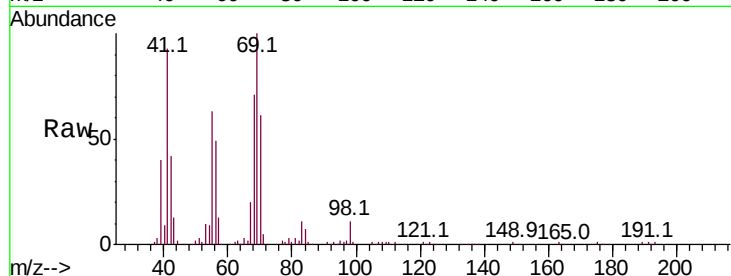




#48
Methvl methacrylate
Concen: 31.019 ug/l
RT: 9.51 min Scan# 1248
Delta R.T. 0.08 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

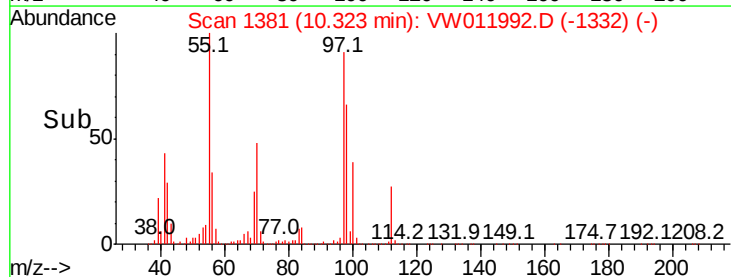
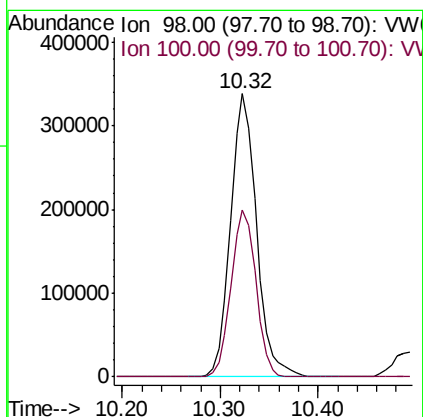
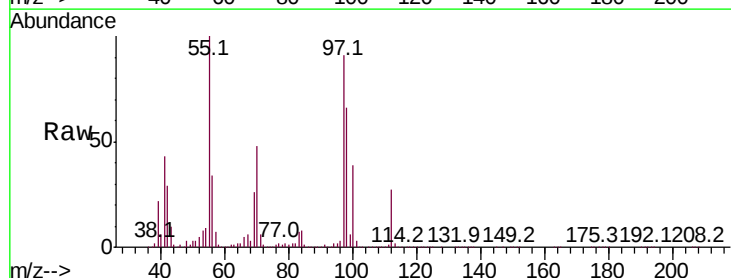
Instrument :
MSVOA_W
ClientSampleId :

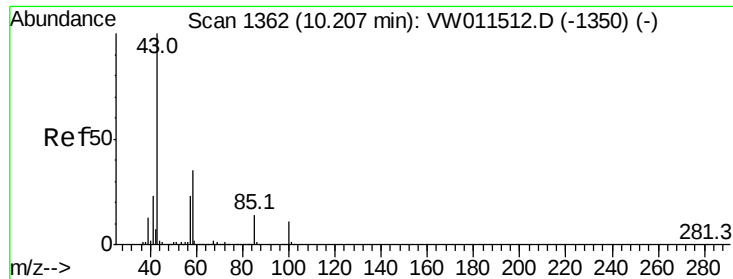
Tot Ion: 41 Resp: 73422
Ion Ratio Lower Upper
41 100
69 86.7 57.1 85.7#
39 38.9 45.4 68.2#



#50
Toluene-d8
Concen: 60.536 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

Tgt Ion: 98 Resp: 622772
Ion Ratio Lower Upper
98 100
100 56.5 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 9.426 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Instrument :

MSVOA_W

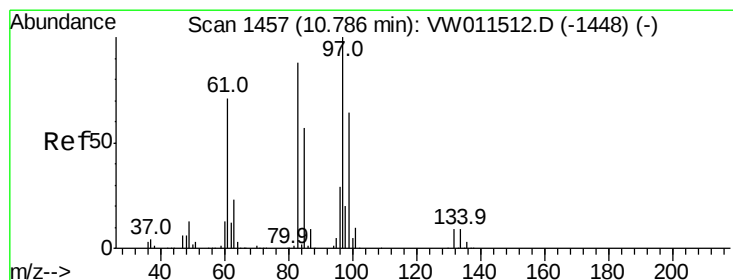
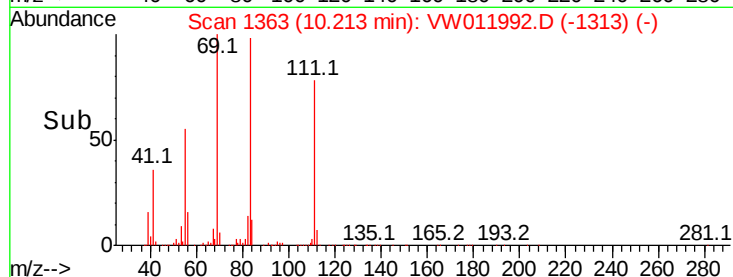
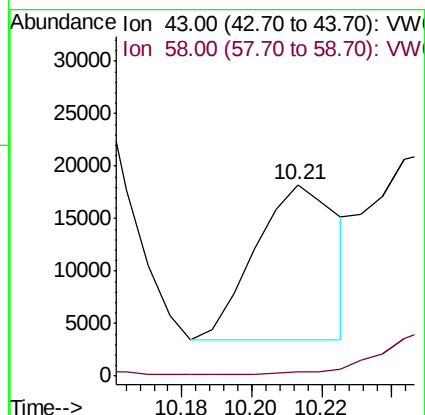
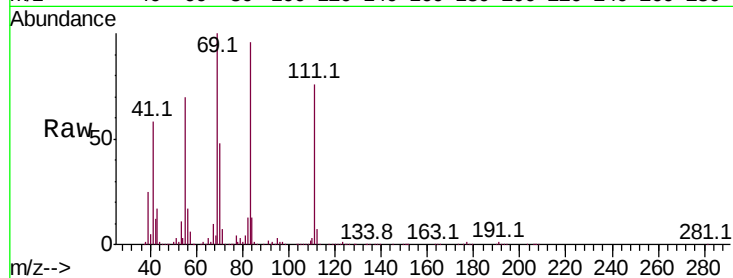
ClientSampled :

Tot Ion: 43 Resp: 24160

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.2#



#55

1,1,2-Trichloroethane

Concen: 194.314 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Tgt Ion: 97 Resp: 439216

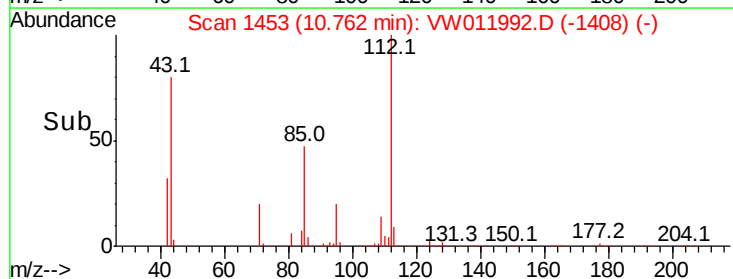
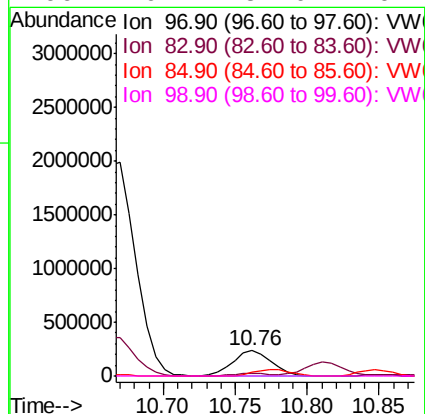
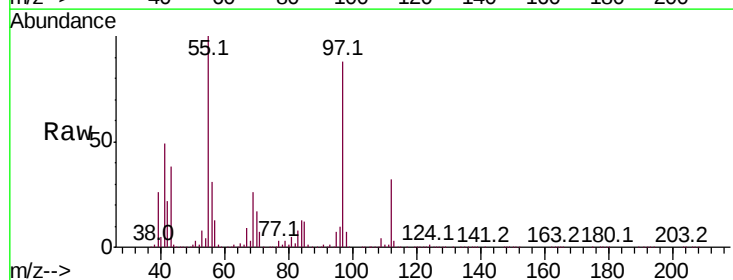
Ion Ratio Lower Upper

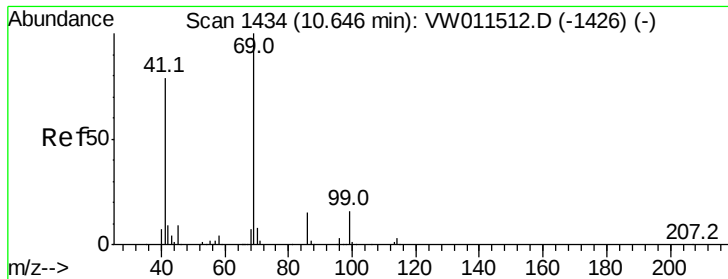
97 100

83 8.9 70.5 105.7#

85 14.1 45.8 68.6#

99 0.2 51.0 76.4#





#56

Ethyl methacrylate

Concen: 345.735 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Instrument :

MSVOA_W

ClientSampleId :

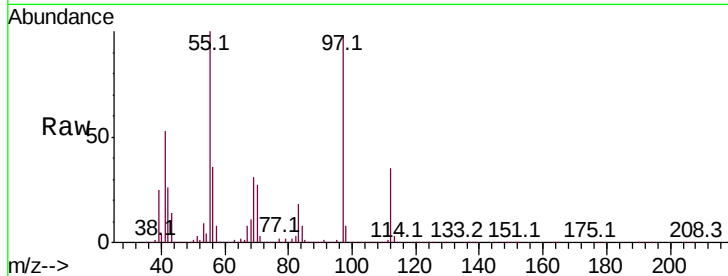
Tot Ion: 69 Resp: 1143551

Ion Ratio Lower Upper

69 100

41 171.9 66.6 99.8#

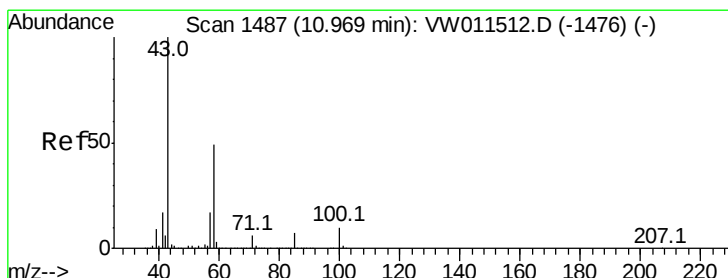
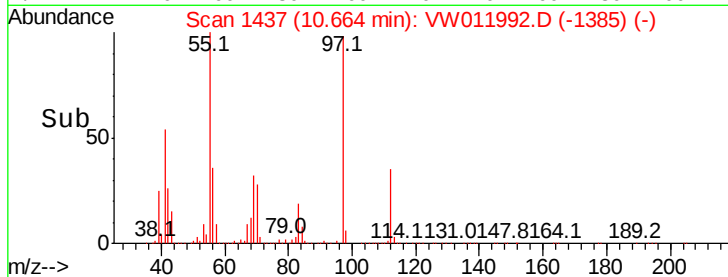
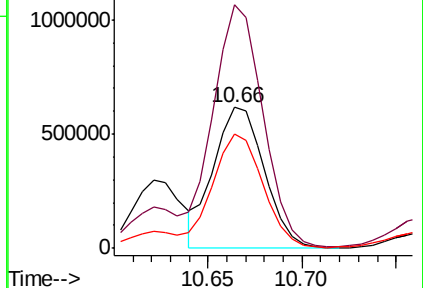
39 80.7 30.3 45.5#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#59

2-Hexanone

Concen: 1479.667 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW011992.D

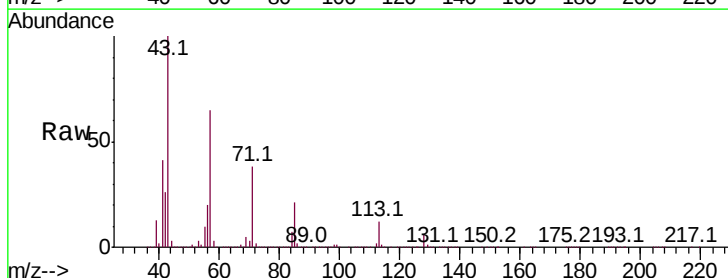
Acq: 19 Aug 2019 15:32

Tgt Ion: 43 Resp: 2677748

Ion Ratio Lower Upper

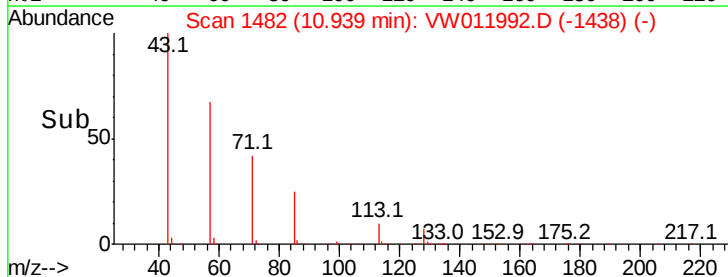
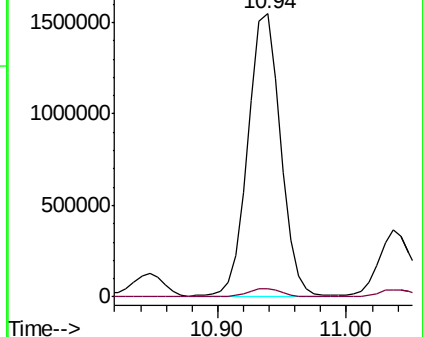
43 100

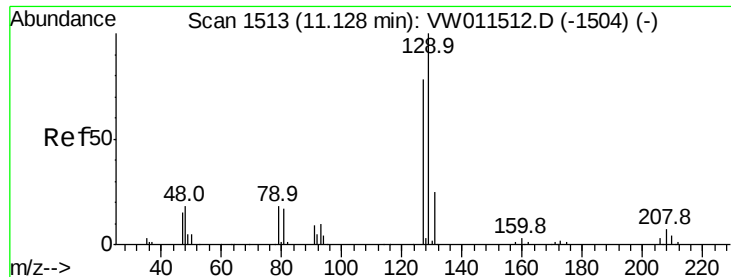
58 3.0 24.3 72.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#60

Dibromochloromethane

Concen: 1.454 ug/l

RT: 11.04 min Scan# 1499

Delta R.T. -0.09 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Instrument :

MSVOA_W

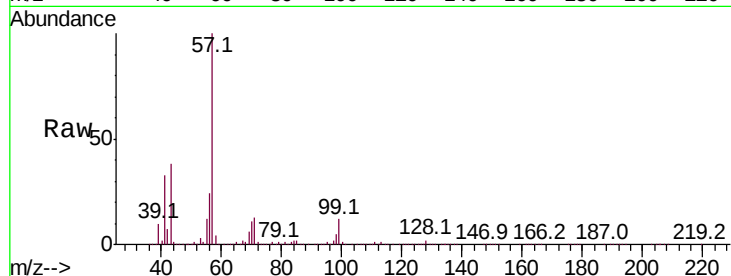
ClientSampleId :

Tot Ion:129 Resp: 3649

Ion Ratio Lower Upper

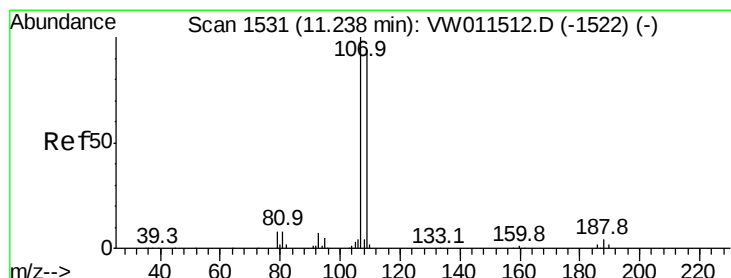
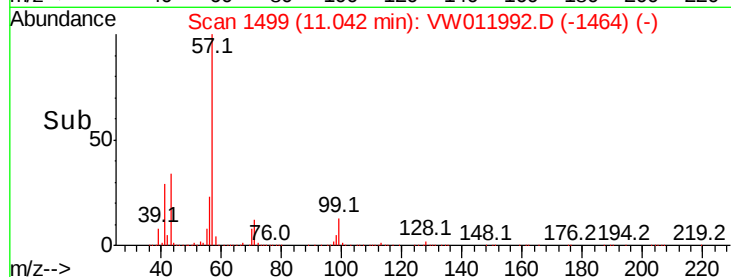
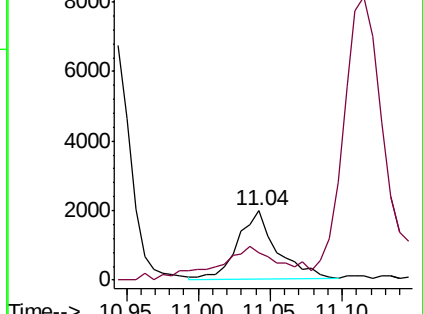
129 100

127 75.4 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.273 ug/l

RT: 11.21 min Scan# 1526

Delta R.T. -0.03 min

Lab File: VW011992.D

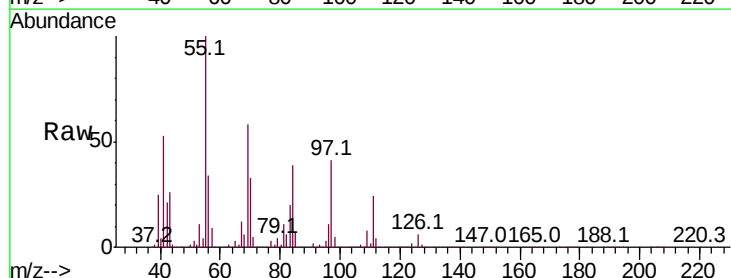
Acq: 19 Aug 2019 15:32

Tgt Ion:107 Resp: 2722

Ion Ratio Lower Upper

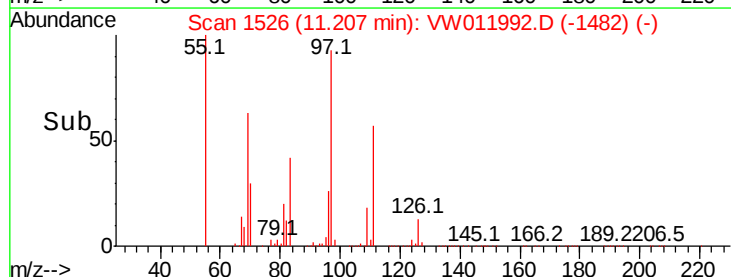
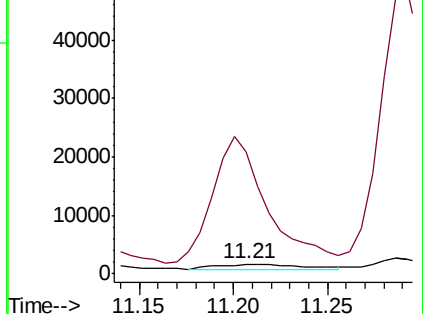
107 100

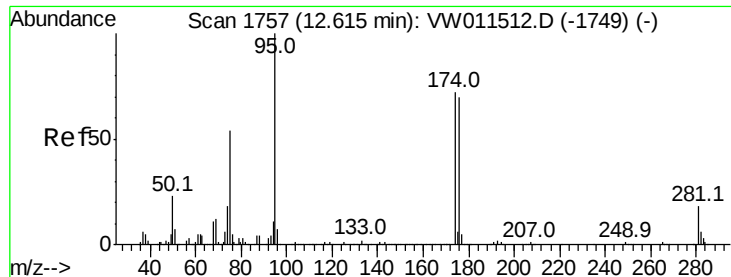
109 1588.6 75.0 112.6#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

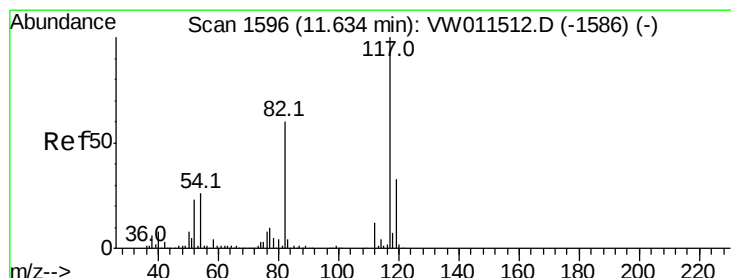
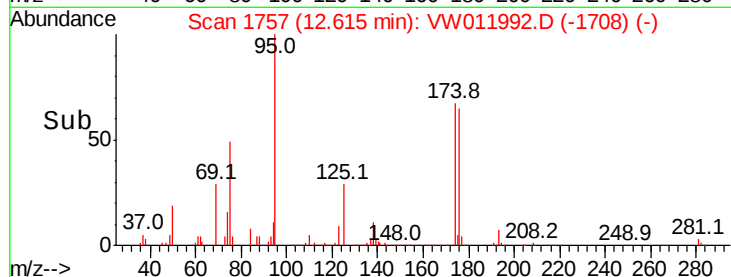
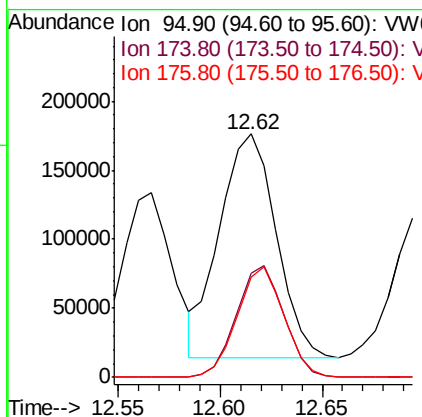
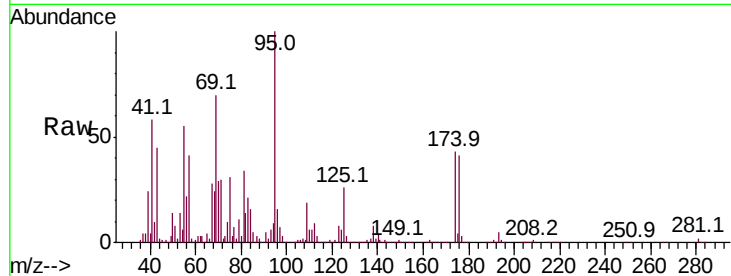




#62
4-Bromofluorobenzene
Concen: 84.953 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

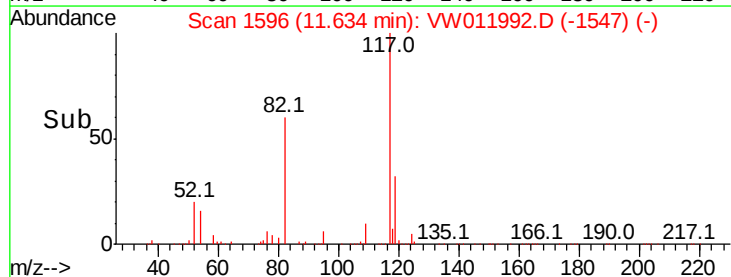
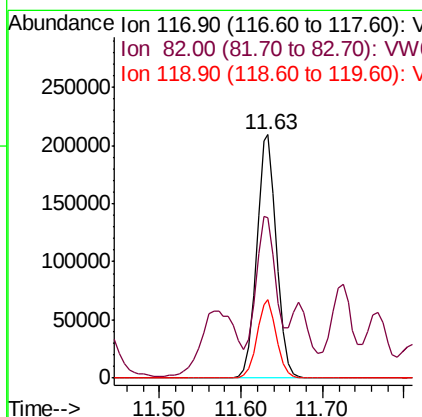
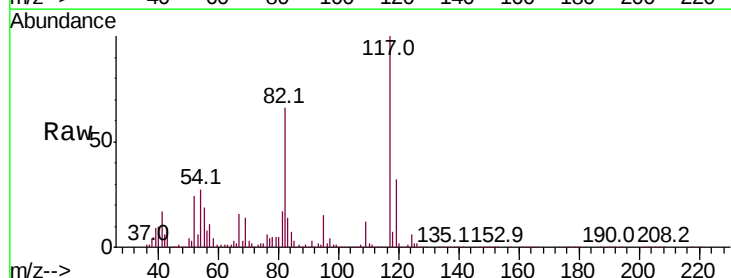
Instrument :
MSVOA_W
ClientSampleId :

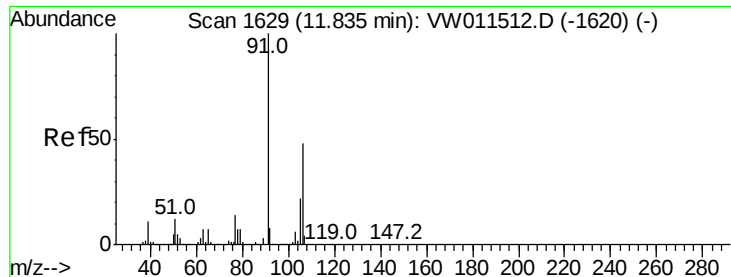
Tot Ion: 95 Resp: 311586
Ion Ratio Lower Upper
95 100
174 42.2 0.0 150.2
176 40.8 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

Tgt Ion: 117 Resp: 354476
Ion Ratio Lower Upper
117 100
82 61.8 47.9 71.9
119 31.9 26.2 39.2

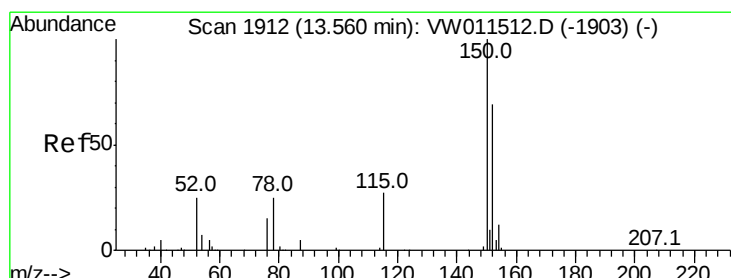
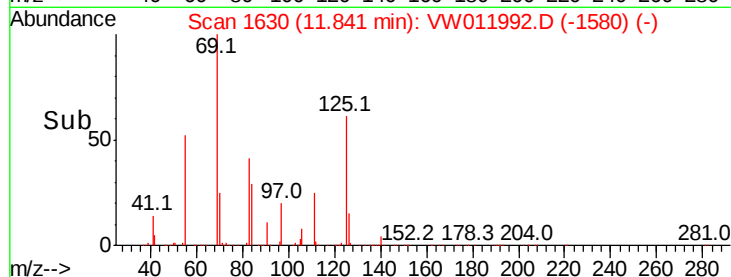
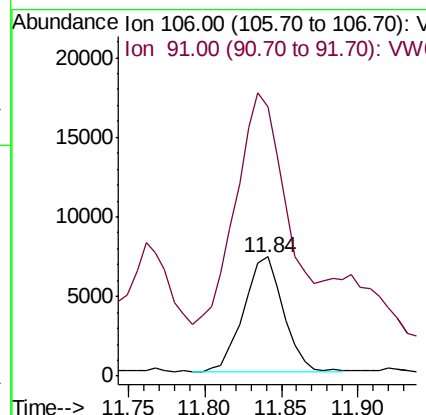
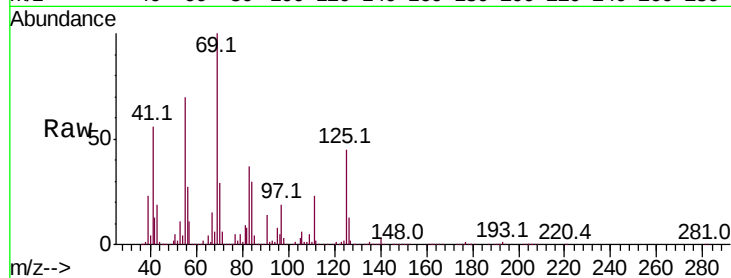




#68
m/p-Xvlenes
Concen: 2.638 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

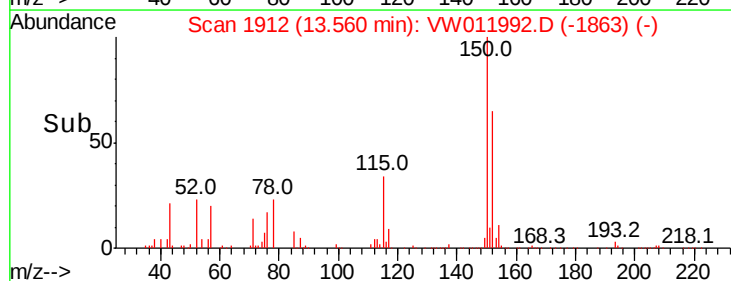
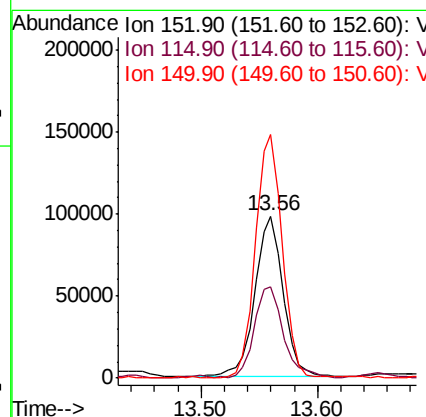
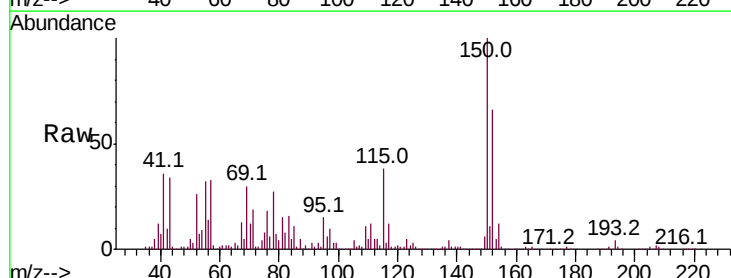
Instrument :
MSVOA_W
ClientSampleId :

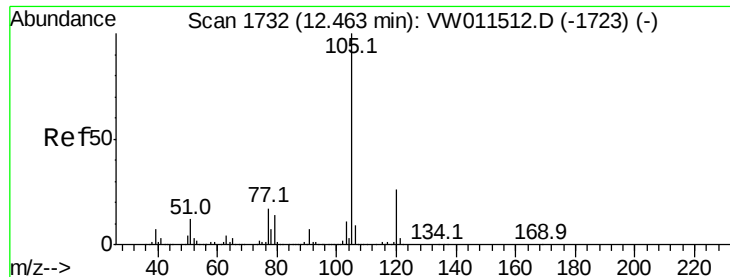
Tot Ion:106 Resp: 13019
Ion Ratio Lower Upper
106 100
91 258.5 168.2 252.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

Tgt Ion:152 Resp: 167084
Ion Ratio Lower Upper
152 100
115 57.1 30.5 91.5
150 141.5 0.0 352.6

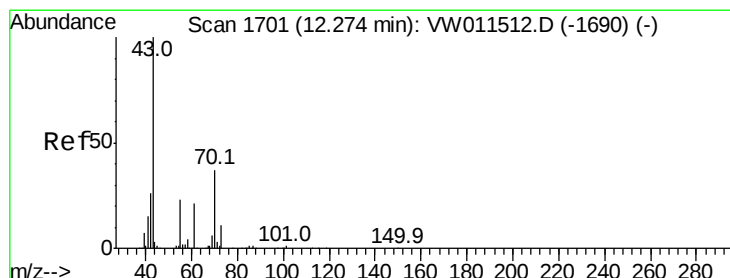
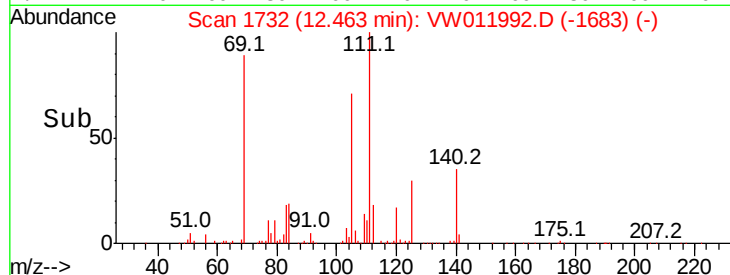
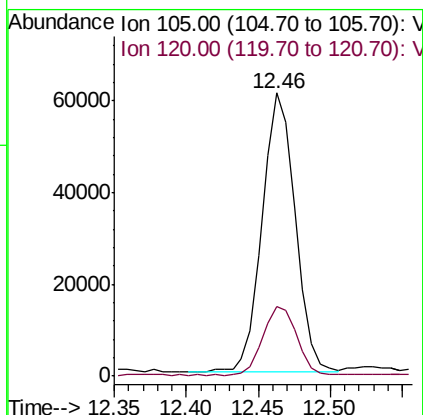
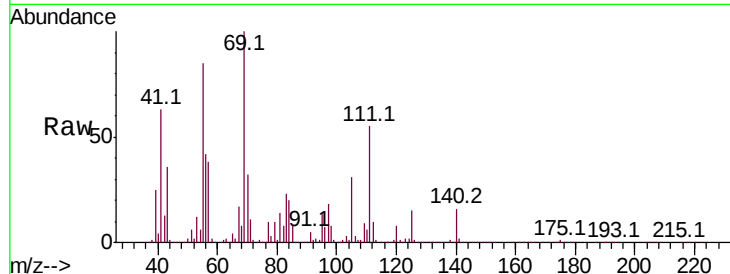




#73
Isopropylbenzene
Concen: 7.768 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

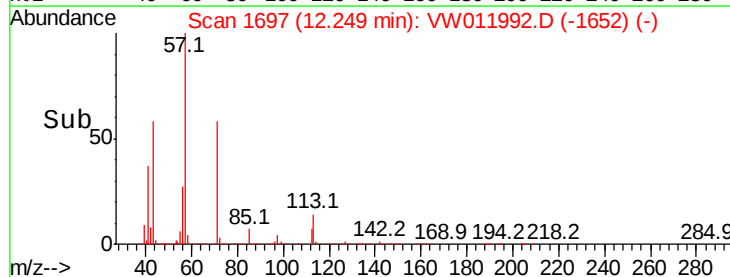
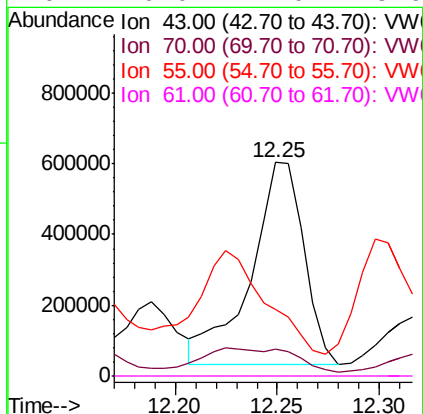
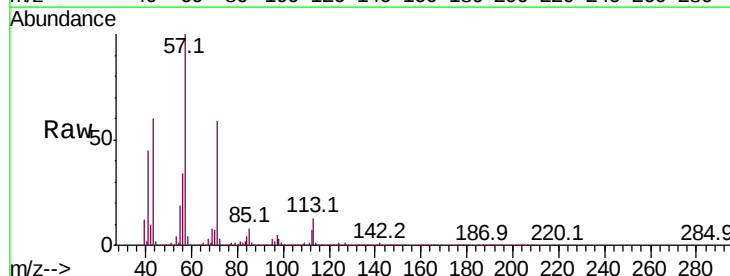
Instrument :
MSVOA_W
ClientSampleId :

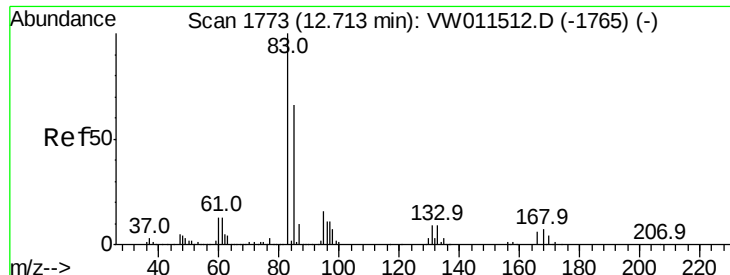
Tot Ion:105 Resp: 96824
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.7



#74
N-ethyl acetate
Concen: 264.864 ug/l
RT: 12.25 min Scan# 1697
Delta R.T. -0.02 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

Tgt Ion: 43 Resp: 1033618
Ion Ratio Lower Upper
43 100
70 0.0 28.6 43.0#
55 0.0 17.8 26.8#
61 0.0 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 25.737 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Instrument :

MSVOA_W

ClientSampled :

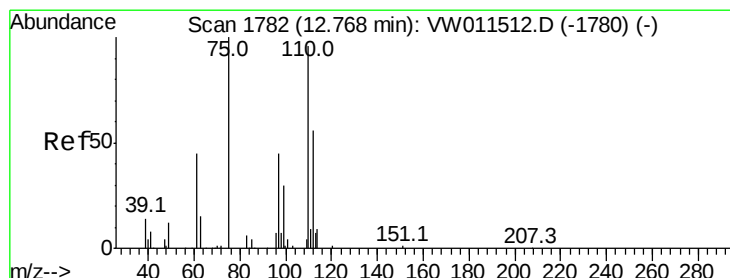
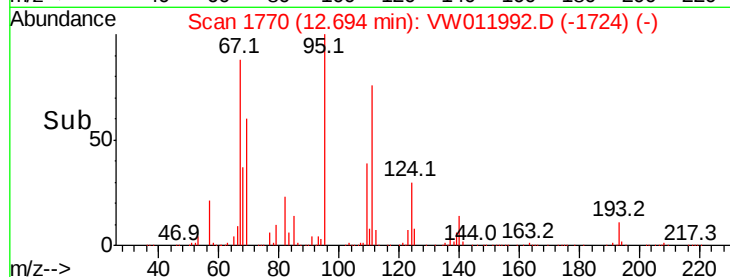
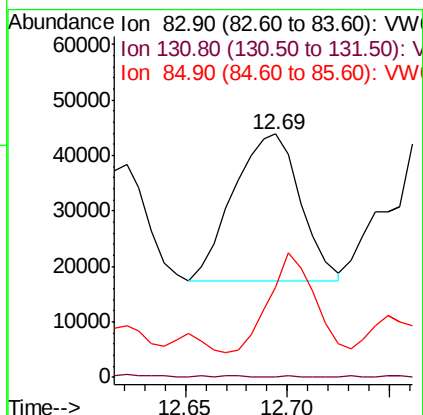
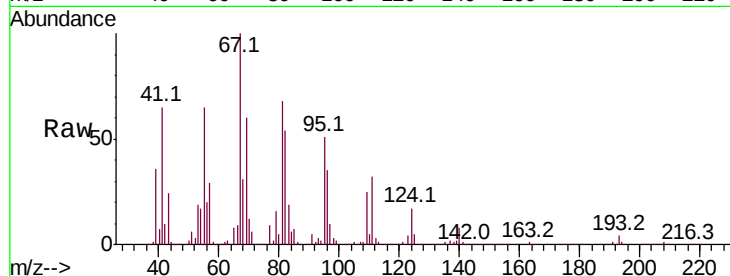
Tot Ion: 83 Resp: 60345

Ion Ratio Lower Upper

83 100

131 0.1 4.9 14.6#

85 46.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 50.551 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011992.D

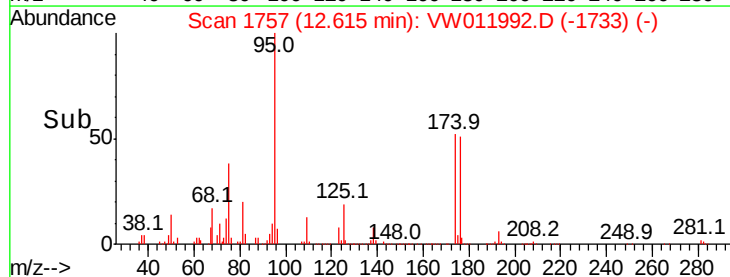
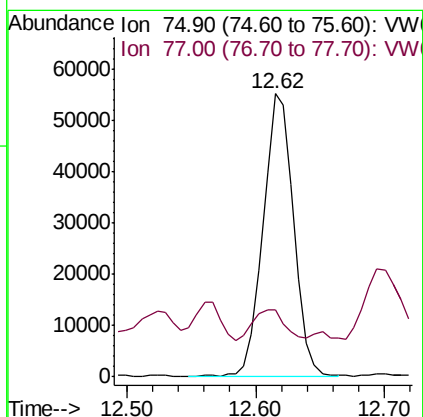
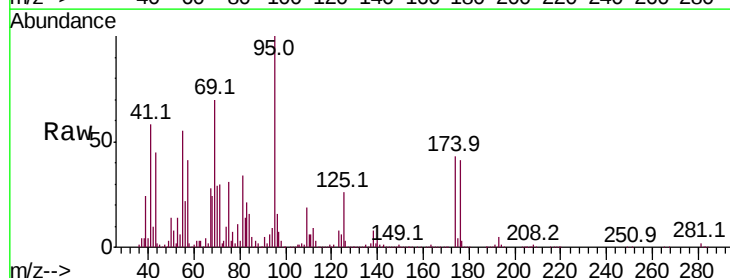
Acq: 19 Aug 2019 15:32

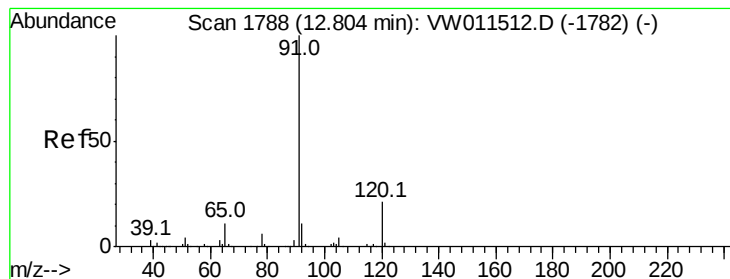
Tgt Ion: 75 Resp: 89371

Ion Ratio Lower Upper

75 100

77 11.4 0.0 0.0#





#78

n-propylbenzene

Concen: 5.609 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Instrument :

MSVOA_W

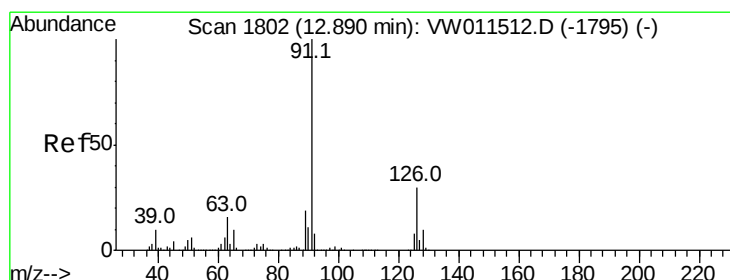
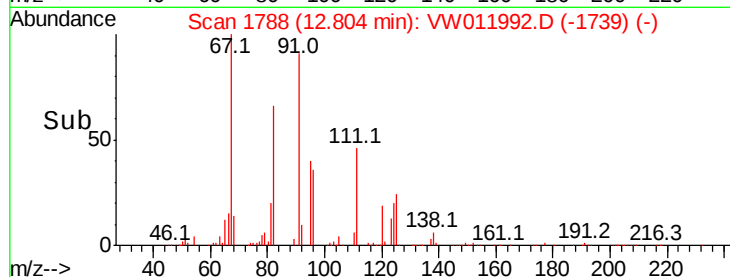
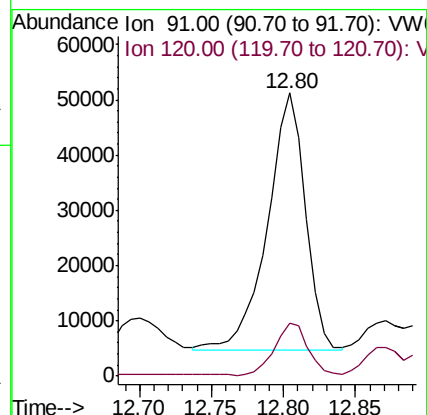
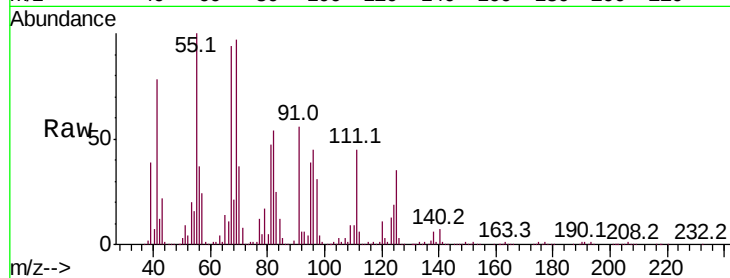
ClientSampleId :

Tot Ion: 91 Resp: 85083

Ion Ratio Lower Upper

91 100

120 17.7 10.9 32.7



#79

2-Chlorotoluene

Concen: 4.123 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.05 min

Lab File: VW011992.D

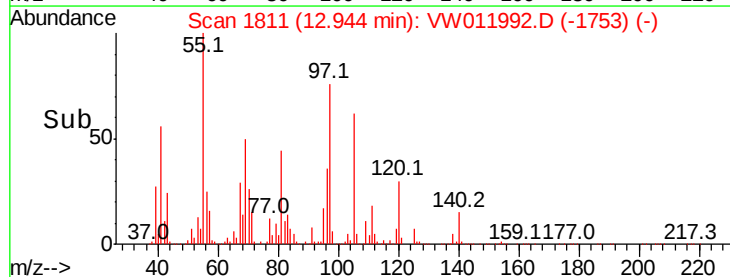
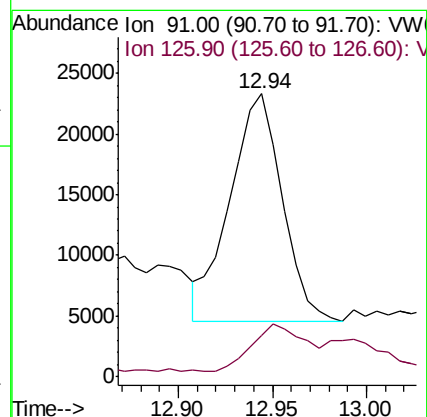
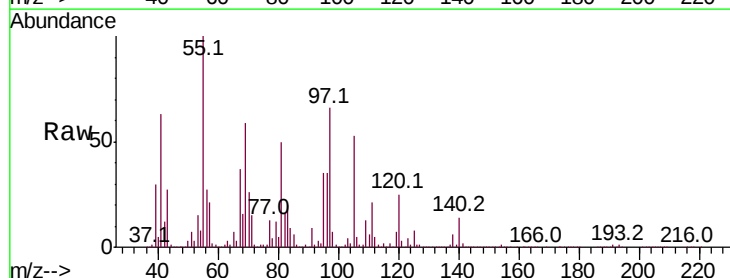
Acq: 19 Aug 2019 15:32

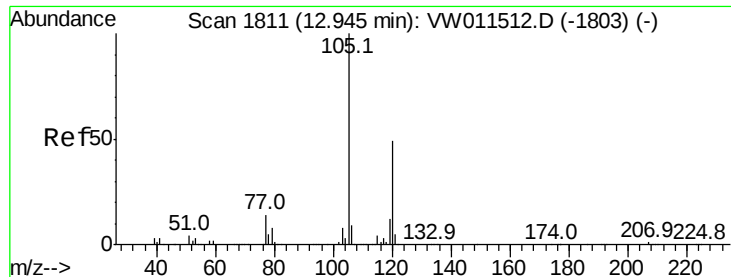
Tgt Ion: 91 Resp: 36029

Ion Ratio Lower Upper

91 100

126 21.4 15.7 47.1

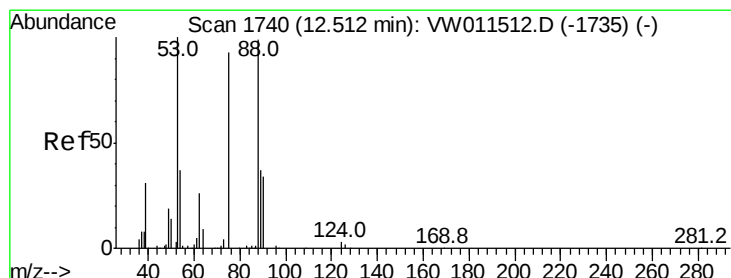
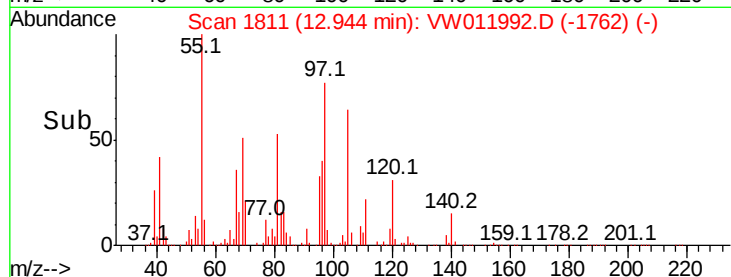
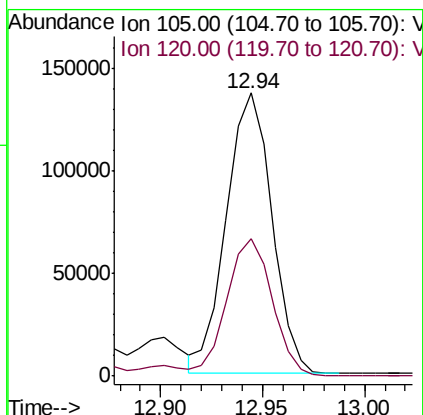
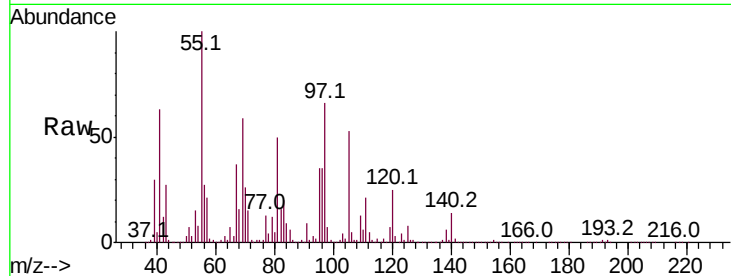




#80
 1,3,5-Trimethylbenzene
 Concen: 20.317 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011992.D
 Acq: 19 Aug 2019 15:32

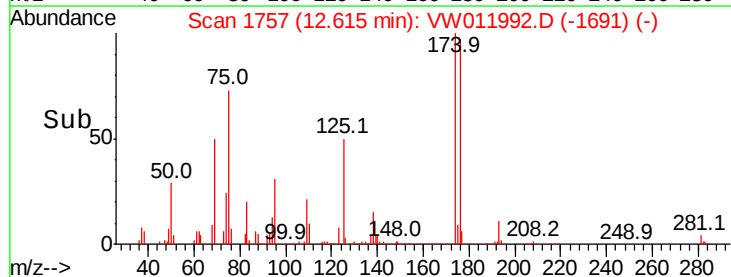
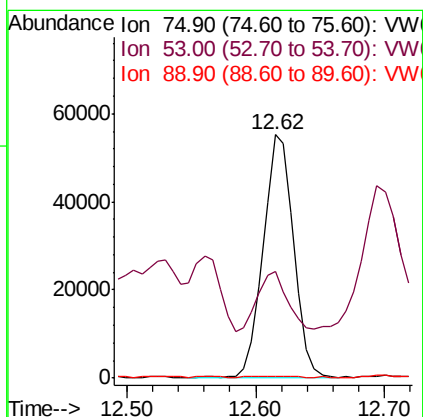
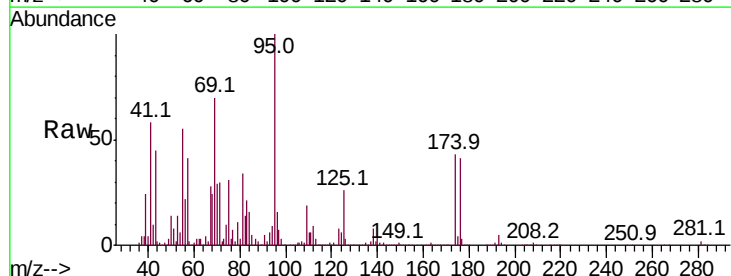
Instrument :
 MSVOA_W
 ClientSampled :

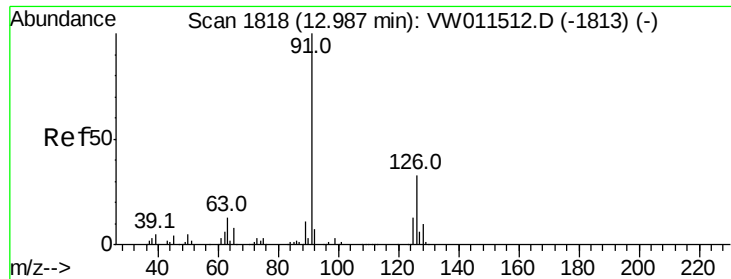
Tot Ion:105 Resp: 212287
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.502 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011992.D
 Acq: 19 Aug 2019 15:32

Tgt Ion: 75 Resp: 89371
 Ion Ratio Lower Upper
 75 100
 53 24.7 88.0 132.0#
 89 0.9 35.3 52.9#





#82

4-Chlorotoluene

Concen: 3.929 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.04 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Instrument :

MSVOA_W

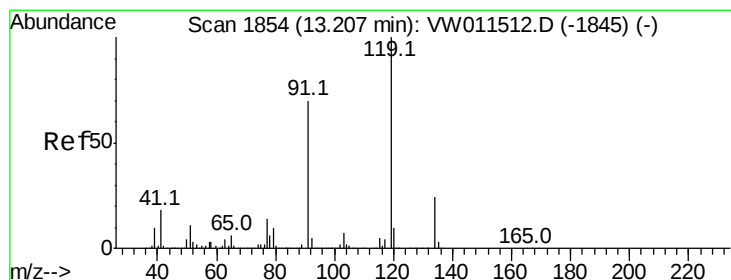
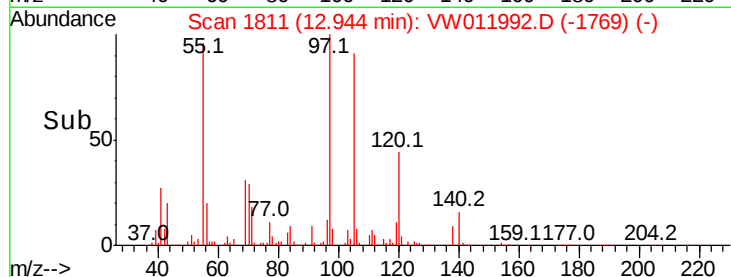
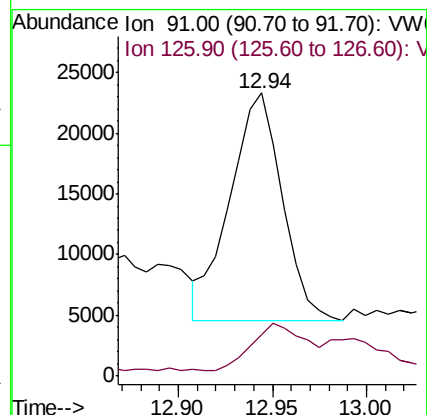
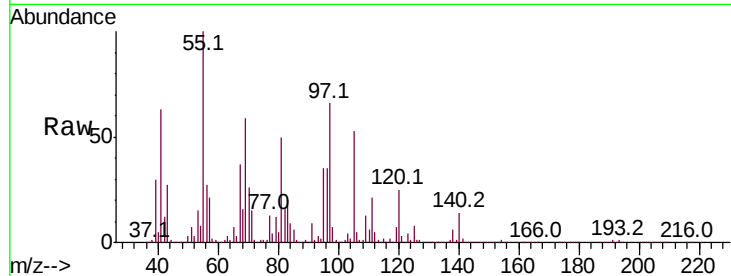
ClientSampled :

Tot Ion: 91 Resp: 36029

Ion Ratio Lower Upper

91 100

126 21.4 15.6 46.8



#83

tert-Butylbenzene

Concen: 6.506 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

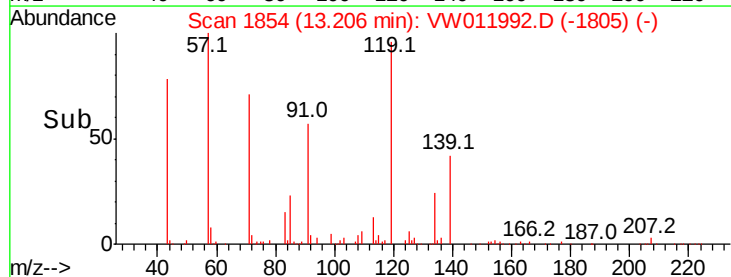
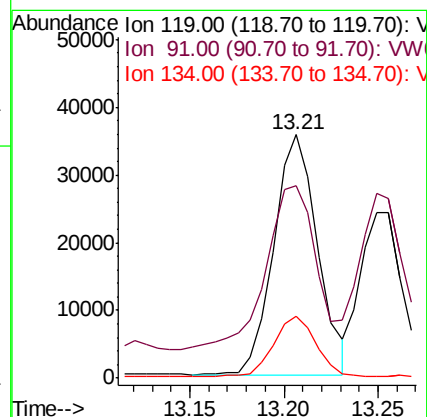
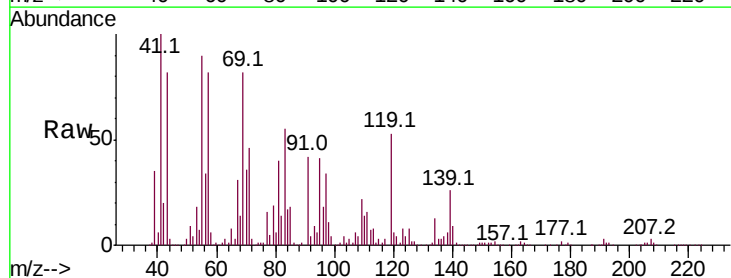
Tgt Ion: 119 Resp: 56847

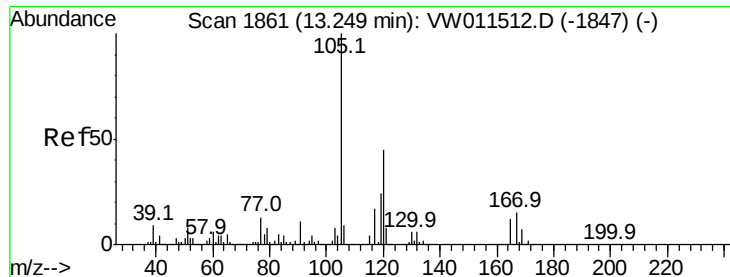
Ion Ratio Lower Upper

119 100

91 77.5 34.5 103.6

134 24.9 12.4 37.4

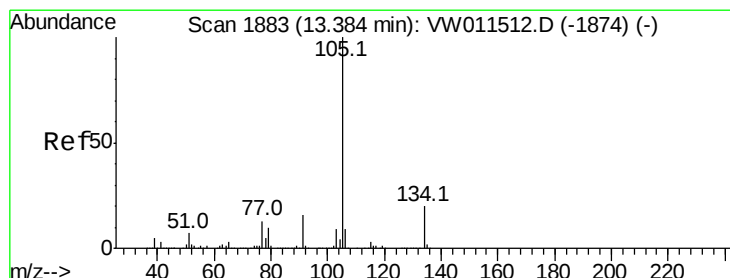
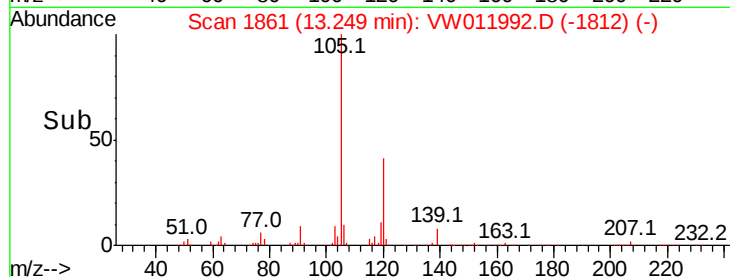
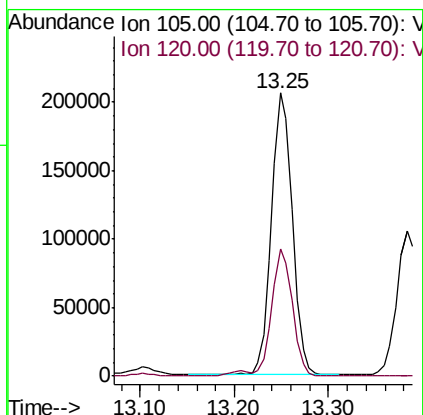
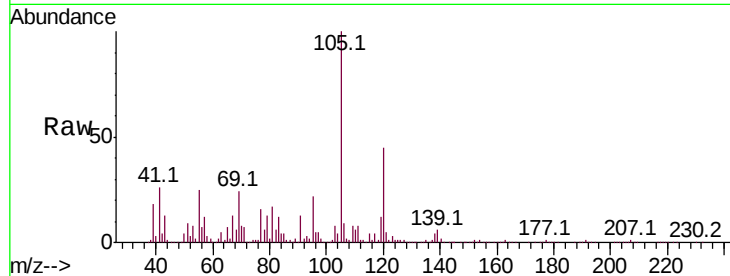




#84
 1,2,4-Trimethylbenzene
 Concen: 30.437 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011992.D
 Acq: 19 Aug 2019 15:32

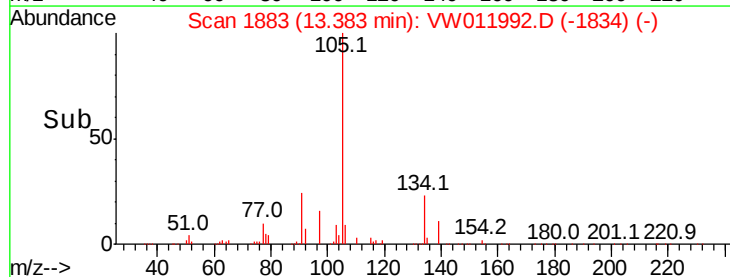
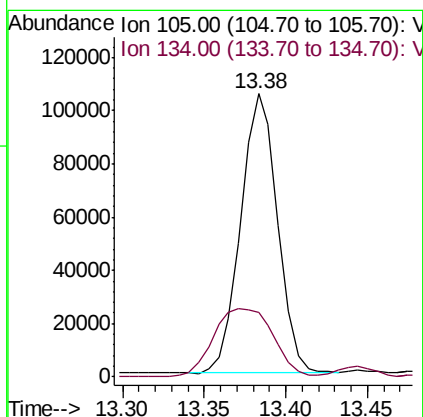
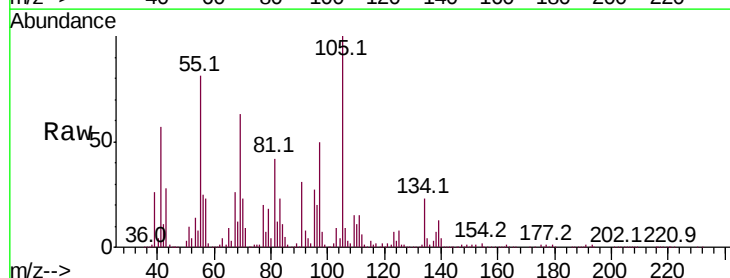
Instrument :
 MSVOA_W
 ClientSampled :

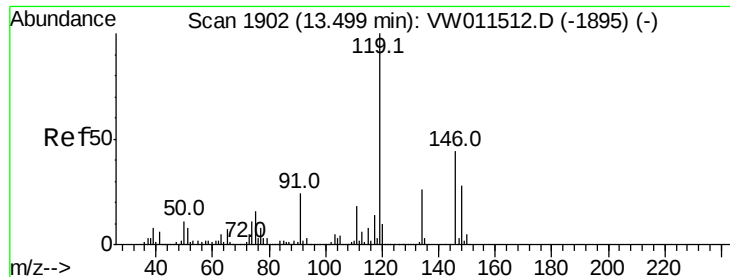
Tot Ion:105 Resp: 320361
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 13.188 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011992.D
 Acq: 19 Aug 2019 15:32

Tgt Ion:105 Resp: 164424
 Ion Ratio Lower Upper
 105 100
 134 39.0 9.7 29.1#

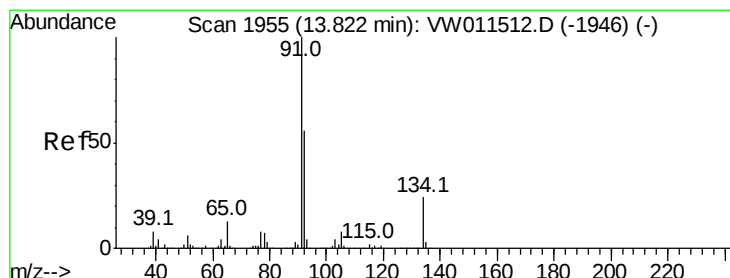
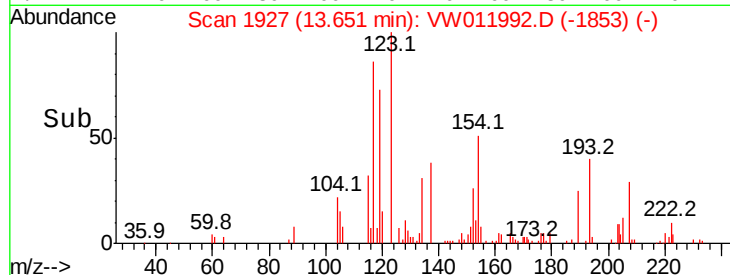
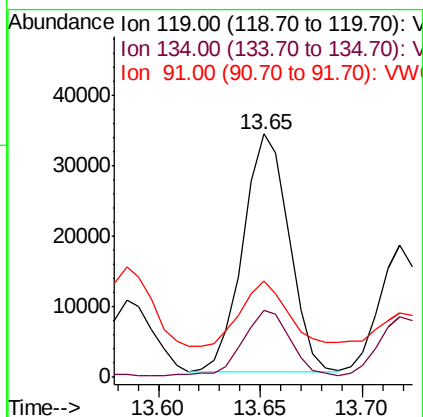
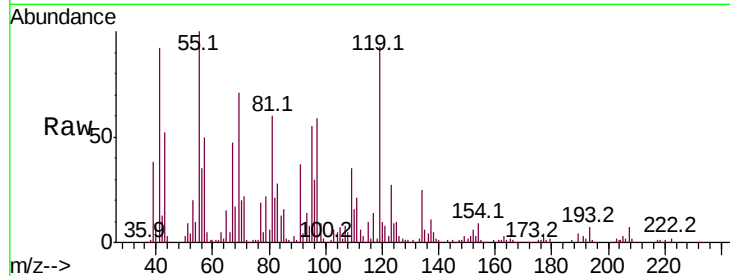




#86
p-Isopropyltoluene
Concen: 4.654 ug/l
RT: 13.65 min Scan# 1927
Delta R.T. 0.15 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

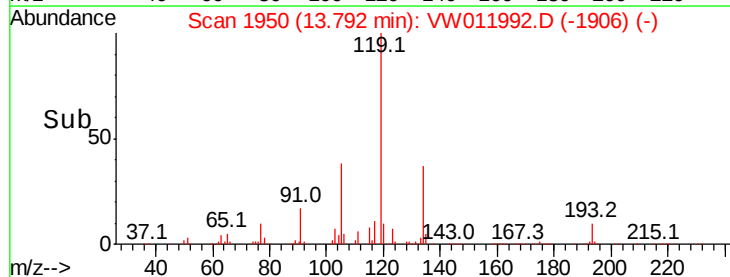
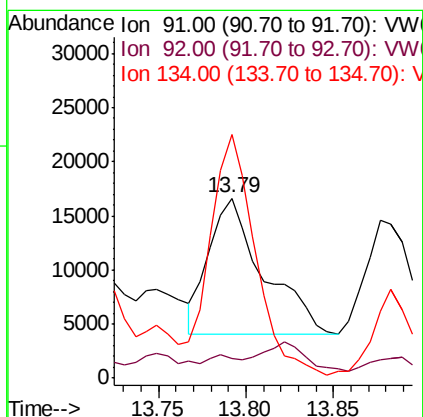
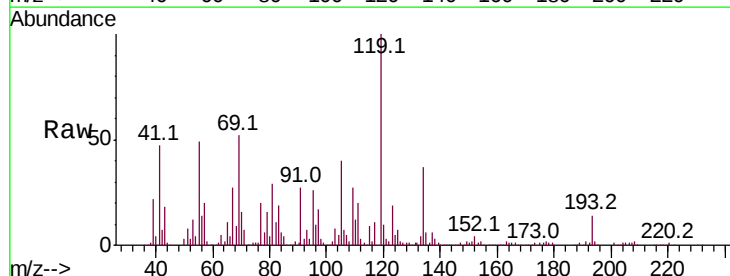
Instrument :
MSVOA_W
ClientSampled :

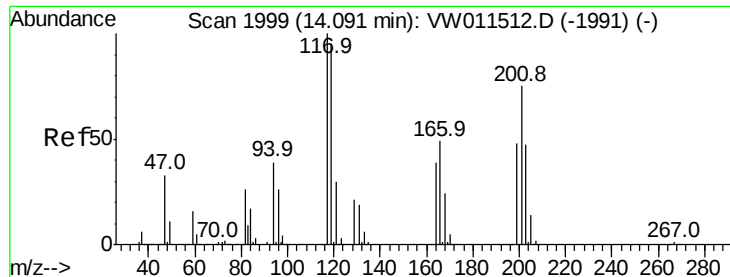
Tot Ion:119 Resp: 52647
Ion Ratio Lower Upper
119 100
134 27.4 12.8 38.4
91 28.4 12.1 36.3



#89
n-Butylbenzene
Concen: 2.426 ug/l
RT: 13.79 min Scan# 1950
Delta R.T. -0.03 min
Lab File: VW011992.D
Acq: 19 Aug 2019 15:32

Tgt Ion: 91 Resp: 27387
Ion Ratio Lower Upper
91 100
92 2.7 27.5 82.4#
134 146.4 12.2 36.6#





#90

Hexachloroethane

Concen: 5.750 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

Instrument :

MSVOA_W

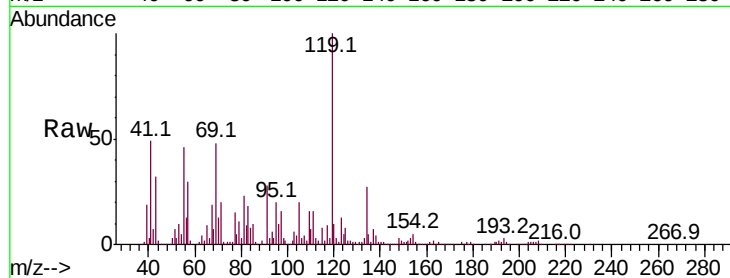
ClientSampleId :

Tot Ion:117 Resp: 11502

Ion Ratio Lower Upper

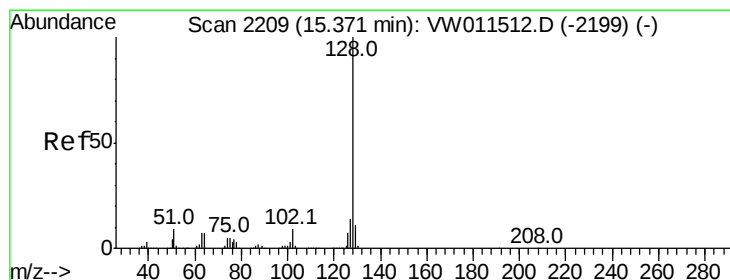
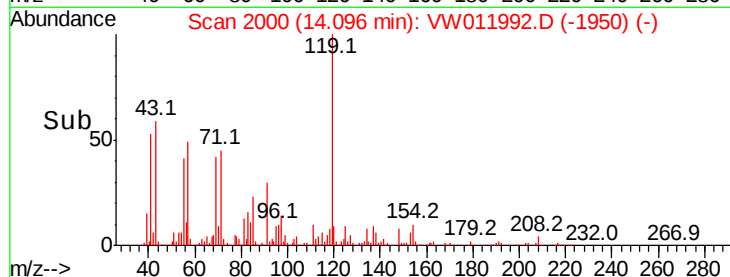
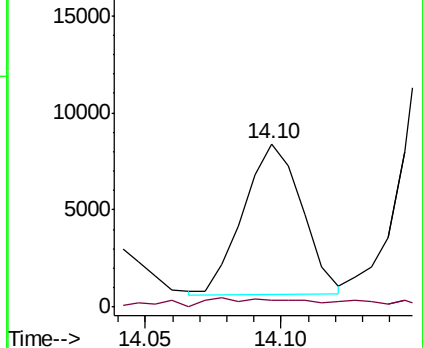
117 100

201 9.0 39.4 118.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 2.421 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011992.D

Acq: 19 Aug 2019 15:32

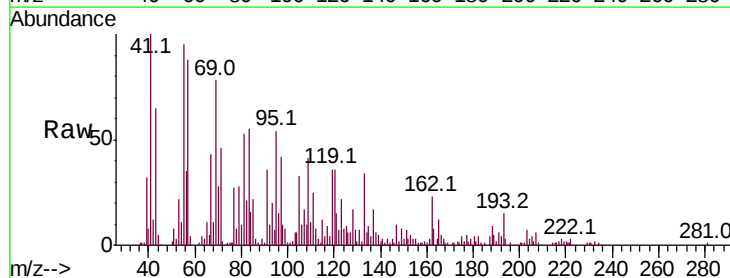
Tgt Ion:128 Resp: 2441

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

