

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012819.D
 Acq On : 09 Sep 2019 14:15
 Operator : SY/VA
 Sample : K4760-10
 Misc : 5.89G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 09 15:19:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	9127	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	11979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1144	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	4726	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
35) Dibromofluoromethane	7.88	113	3987	55.98	ug/l	0.00
Spiked Amount			Recovery	=	111.96%	
50) Toluene-d8	10.33	98	14689	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.62	95	8152	80.48	ug/l	0.00
Spiked Amount			Recovery	=	160.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	92	1.530	ug/l #	44
5) Bromomethane	2.78	94	53	1.324	ug/l #	4
8) Diethyl Ether	3.67	74	45	1.052	ug/l #	1
11) Tert butyl alcohol	5.15	59	80	10.253	ug/l #	72
13) Acrolein	3.91	56	21	2.536	ug/l #	14
15) Acrylonitrile	5.42	53	53	2.122	ug/l #	17
16) Acetone	4.12	43	5896	212.075	ug/l	92
18) Methyl Acetate	4.66	43	187	2.867	ug/l #	57
20) Methylene Chloride	4.92	84	137	1.575	ug/l #	24
21) trans-1,2-Dichloroethene	5.42	96	77	1.001	ug/l #	1
25) 2-Butanone	7.18	43	109	22.133	ug/l #	53
26) 2,2-Dichloropropane	7.06	77	345	3.280	ug/l	78
27) cis-1,2-Dichloroethene	7.17	96	497	5.573	ug/l	42
29) Tetrahydrofuran	7.54	42	106	4.721	ug/l #	15
30) Chloroform	7.66	83	548	3.321	ug/l #	47
31) Cyclohexane	7.95	56	478	3.189	ug/l	88
32) 1,1,1-Trichloroethane	7.87	97	191	1.428	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	895	8.409	ug/l #	78
37) Ethyl Acetate	7.27	43	76	1.120	ug/l #	1
39) Methylcyclohexane	9.34	83	1290	10.791	ug/l #	23
41) Methacrylonitrile	7.48	41	406	11.966	ug/l #	39
43) Isopropyl Acetate	8.42	43	233	1.813	ug/l #	56
44) Trichloroethene	9.09	130	293	3.849	ug/l	90
45) 1,2-Dichloropropane	9.37	63	82	1.001	ug/l #	1
46) Dibromomethane	9.48	93	331	8.534	ug/l #	16
47) Bromodichloromethane	9.68	83	1104	10.346	ug/l #	37
48) Methyl methacrylate	9.44	41	1397	22.741	ug/l #	33
49) 1,4-Dioxane	9.60	88	33	43.074	ug/l #	1
51) 4-Methyl-2-Pentanone	10.16	43	920	13.639	ug/l	97
52) Toluene	10.35	92	618	3.353	ug/l	91
55) 1,1,2-Trichloroethane	10.78	97	1223	21.062	ug/l #	40
56) Ethyl methacrylate	10.68	69	1183	13.918	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.91	63	61	1.352	ug/l #	49
59) 2-Hexanone	10.93	43	680	13.799	ug/l	65

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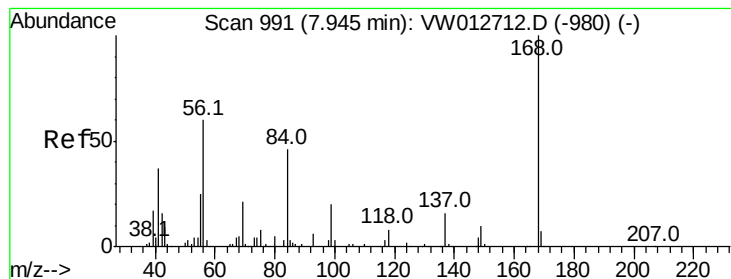
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 09 15:19:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

60) Dibromochloromethane	11.14	129	110	1.611	ug/l	82
61) 1,2-Dibromoethane	11.16	107	781	14.671	ug/l	100
64) Tetrachloroethene	10.86	164	1534	35.161	ug/l #	65
65) Chlorobenzene	11.64	112	174	1.280	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.73	131	93	1.838	ug/l #	1
67) Ethyl Benzene	11.73	91	1240	4.863	ug/l	92
68) m/p-Xylenes	11.83	106	148	1.608	ug/l #	1
69) o-Xylene	12.12	106	167	1.923	ug/l	85
70) Styrene	12.28	104	332	2.164	ug/l	86
71) Bromoform	12.35	173	153	5.442	ug/l #	1
73) Isopropylbenzene	12.43	105	594	7.239	ug/l	87
74) N-amyl acetate	12.27	43	851	32.675	ug/l #	17
75) 1,1,2,2-Tetrachloroethane	12.78	83	717	43.512	ug/l #	41
76) 1,2,3-Trichloropropane	12.74	75	61	5.215	ug/l #	100
77) Bromobenzene	12.58	156	55	2.959	ug/l #	1
78) n-propylbenzene	12.82	91	327	3.332	ug/l #	54
79) 2-Chlorotoluene	12.91	91	415	7.367	ug/l	86
80) 1,3,5-Trimethylbenzene	12.90	105	962	13.914	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.51	75	64	11.572	ug/l #	1
82) 4-Chlorotoluene	13.04	91	848	14.231	ug/l	96
83) tert-Butylbenzene	13.20	119	508	8.310	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.34	105	620	8.899	ug/l	87
85) sec-Butylbenzene	13.37	105	271	3.195	ug/l #	1
86) p-Isopropyltoluene	13.48	119	412	5.317	ug/l #	28
87) 1,3-Dichlorobenzene	13.47	146	85	2.326	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	268	7.371	ug/l #	1
89) n-Butylbenzene	13.58	91	660	8.774	ug/l	87
90) Hexachloroethane	13.92	117	201	14.859	ug/l	62
92) 1,2-Dibromo-3-Chloropropan	14.41	75	19	6.301	ug/l #	51
93) 1,2,4-Trichlorobenzene	15.12	180	727	31.751	ug/l #	27
94) Hexachlorobutadiene	15.24	225	19	1.199	ug/l #	19
95) Naphthalene	15.36	128	59	5.559	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.52	180	714	35.328	ug/l #	16

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

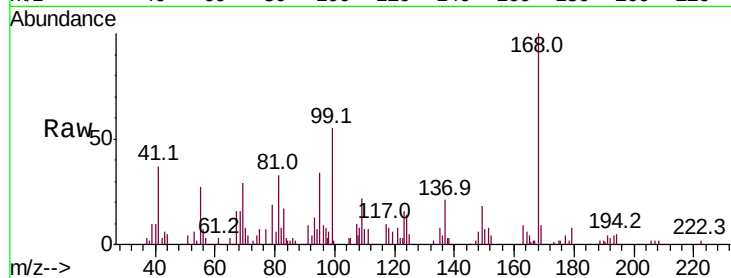
ClientSampled :

Tot Ion:168 Resp: 9127

Ion Ratio Lower Upper

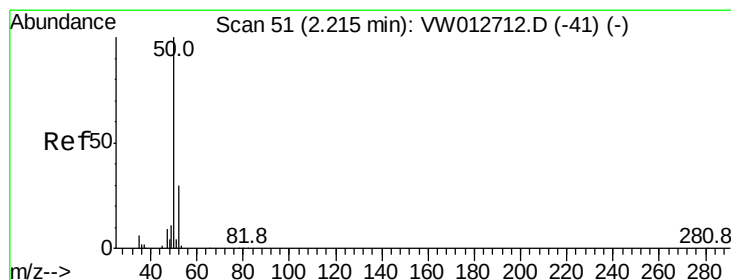
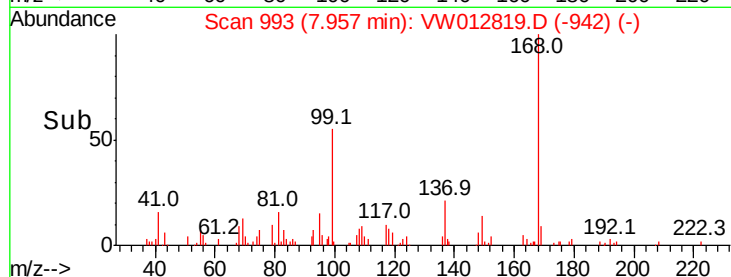
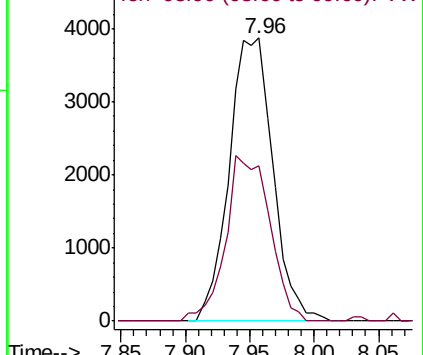
168 100

99 54.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 1.530 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW012819.D

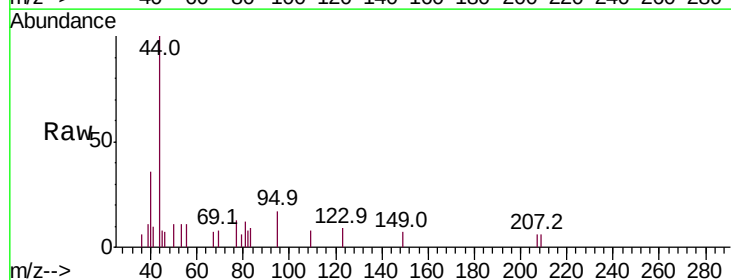
Acq: 09 Sep 2019 14:15

Tgt Ion: 50 Resp: 92

Ion Ratio Lower Upper

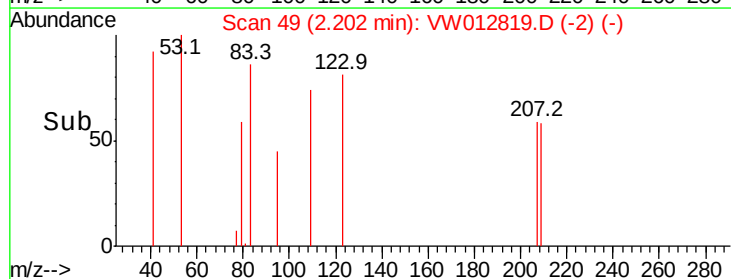
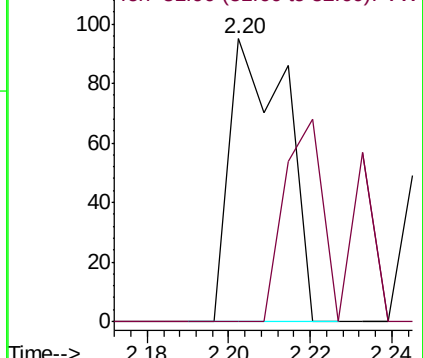
50 100

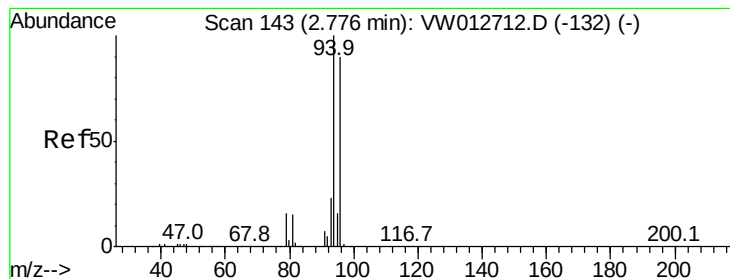
52 0.0 24.2 36.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#5

Bromomethane

Concen: 1.324 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

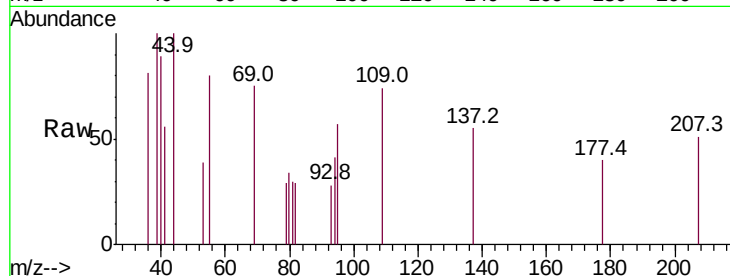
ClientSampled :

Tot Ion: 94 Resp: 53

Ion Ratio Lower Upper

94 100

96 0.0 72.1 108.1#

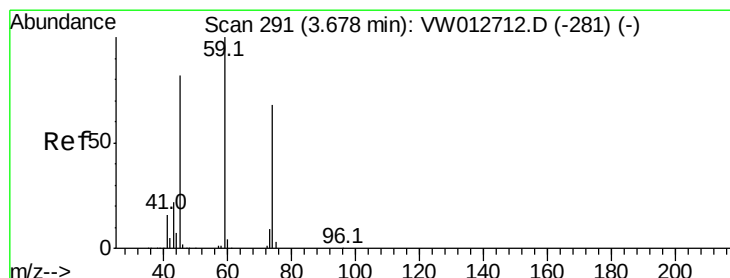
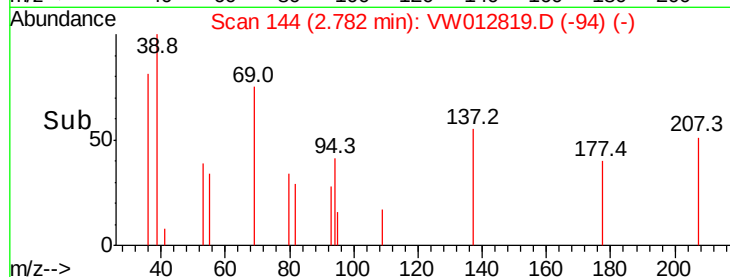


Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

Time-->



#8

Diethyl Ether

Concen: 1.052 ug/l

RT: 3.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VW012819.D

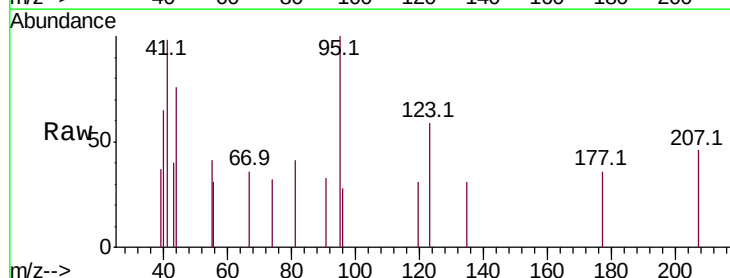
Acq: 09 Sep 2019 14:15

Tgt Ion: 74 Resp: 45

Ion Ratio Lower Upper

74 100

45 0.0 58.8 176.4#

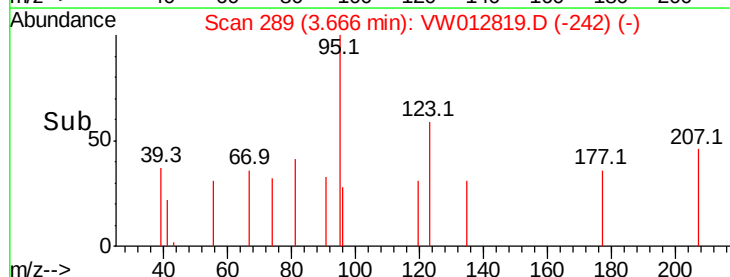


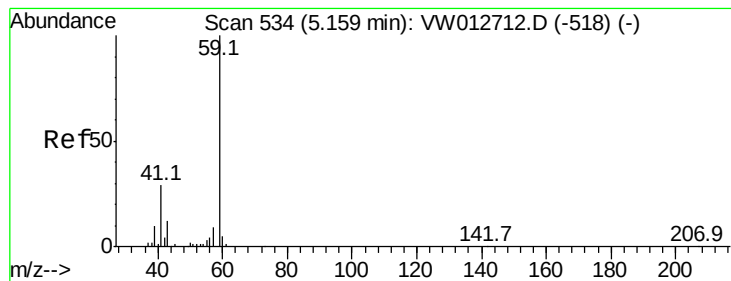
Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

Time-->



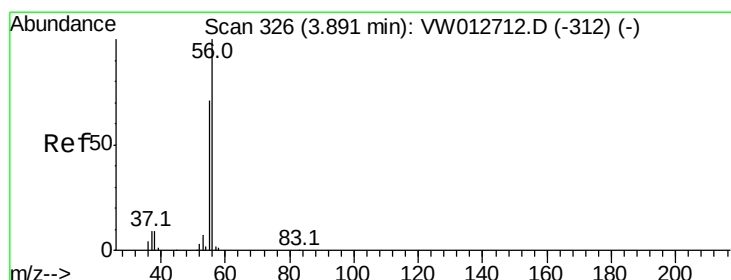
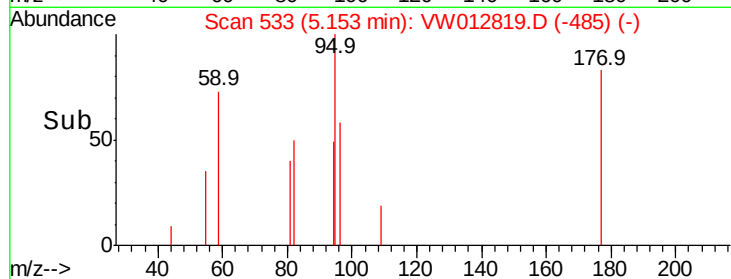
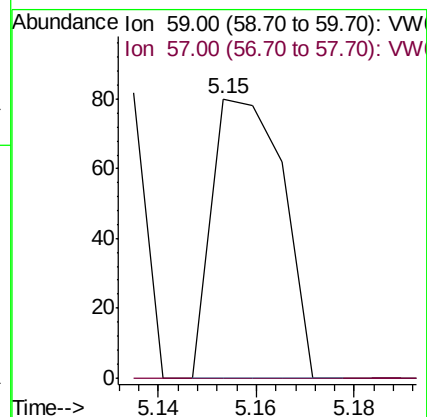
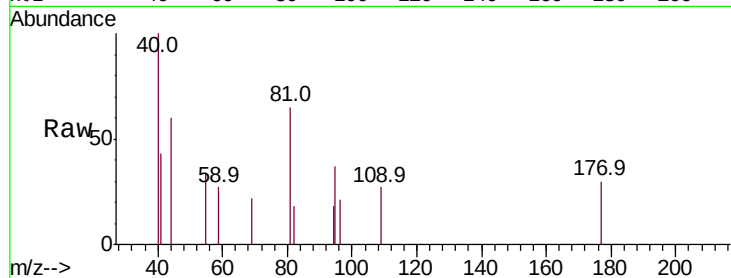


#11

Tert butyl alcohol
 Concen: 10.253 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW012819.D
 Acq: 09 Sep 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :

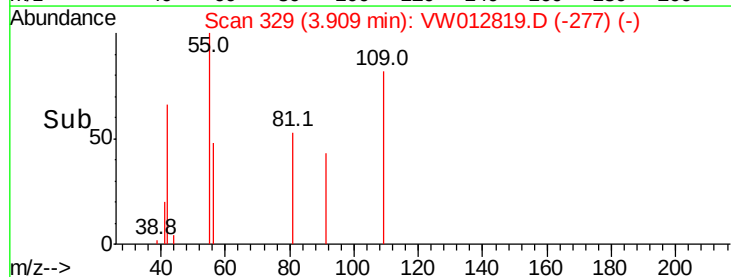
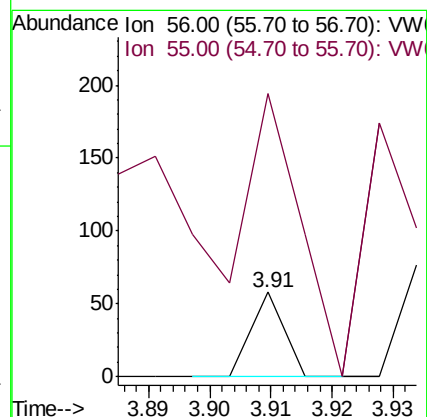
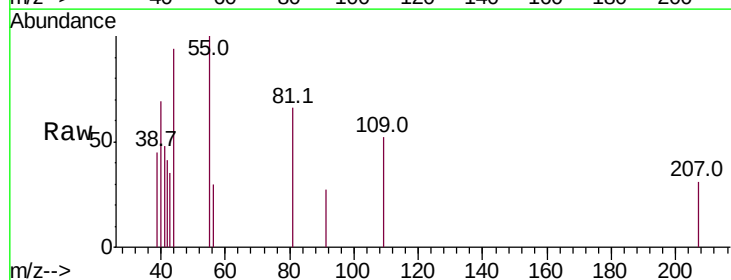
Tot Ion: 59 Resp: 80
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

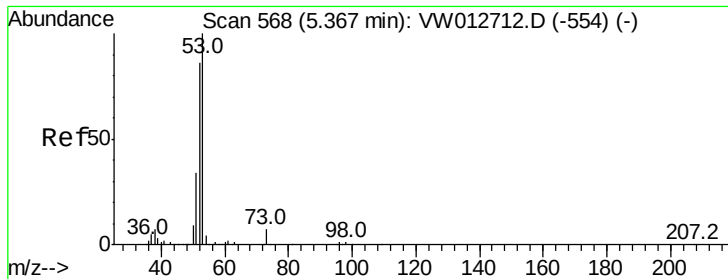


#13

Acrolein
 Concen: 2.536 ug/l
 RT: 3.91 min Scan# 329
 Delta R.T. 0.02 min
 Lab File: VW012819.D
 Acq: 09 Sep 2019 14:15

Tgt Ion: 56 Resp: 21
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#





#15

Acrylonitrile

Concen: 2.122 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.05 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

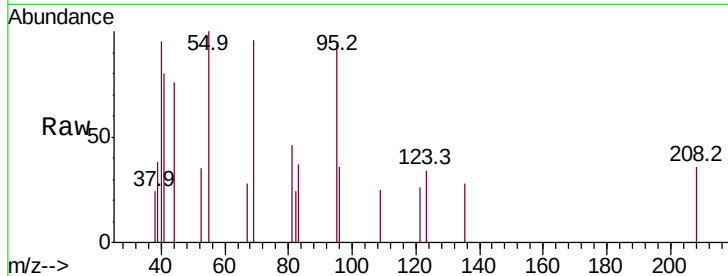
Tot Ion: 53 Resp: 53

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

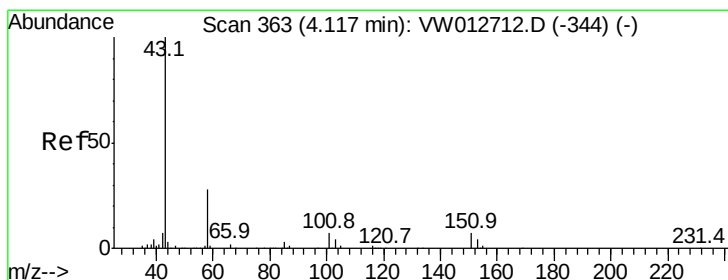
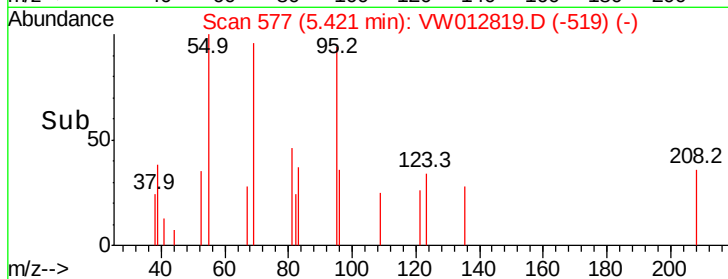
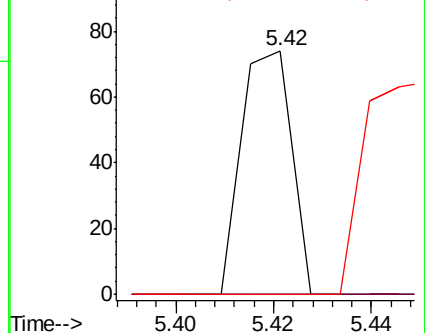
51 0.0 29.8 44.8#



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 212.075 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW012819.D

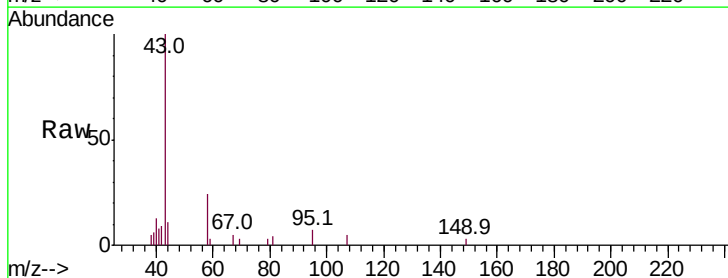
Acq: 09 Sep 2019 14:15

Tgt Ion: 43 Resp: 5896

Ion Ratio Lower Upper

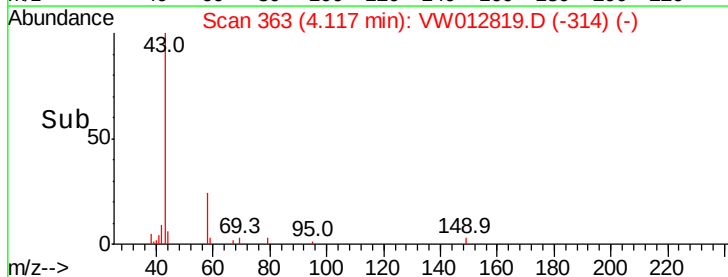
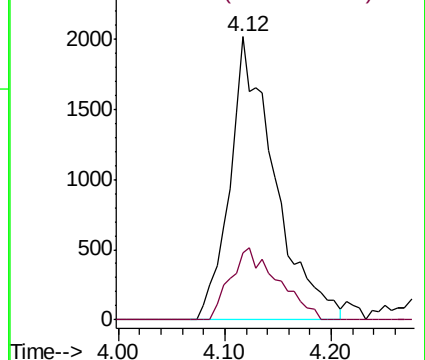
43 100

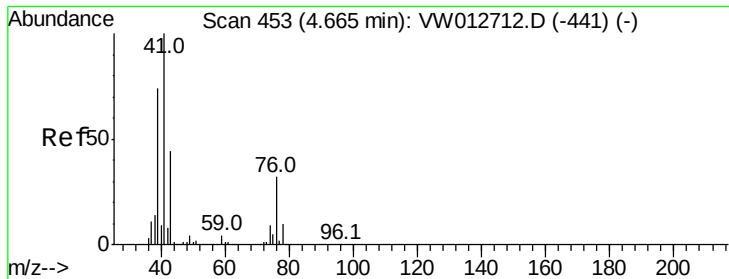
58 23.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

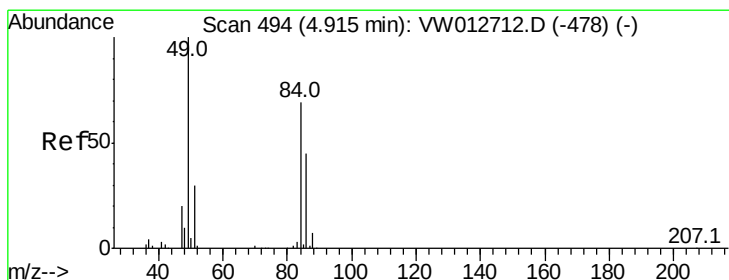
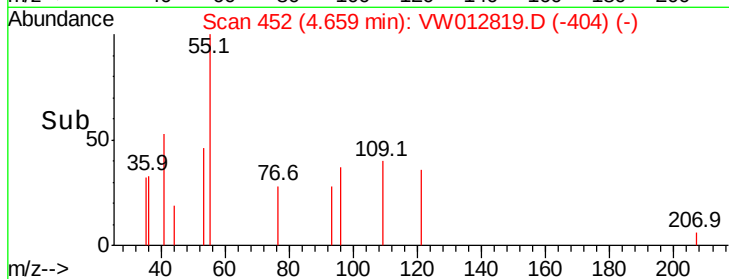
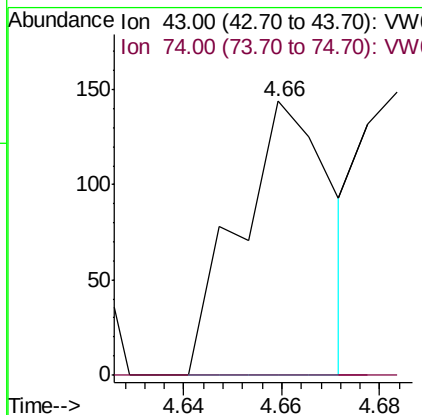
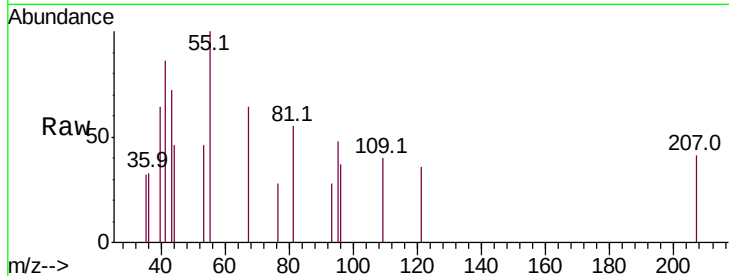




#18
Methvl Acetate
Concen: 2.867 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

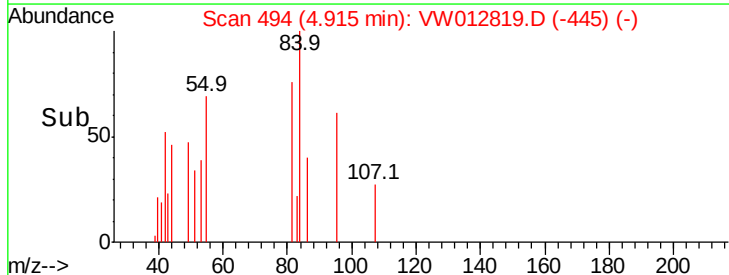
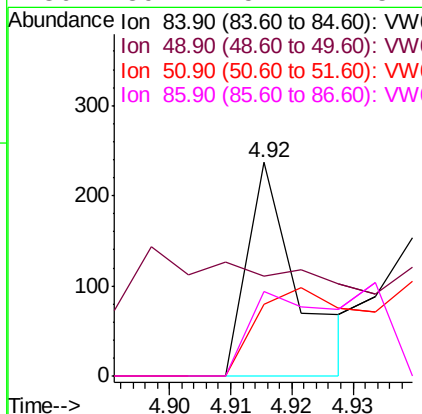
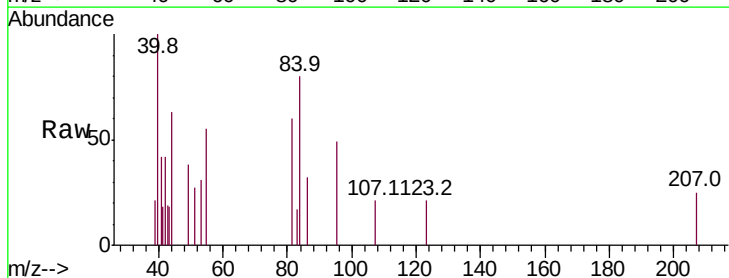
Instrument :
MSVOA_W
ClientSampled :

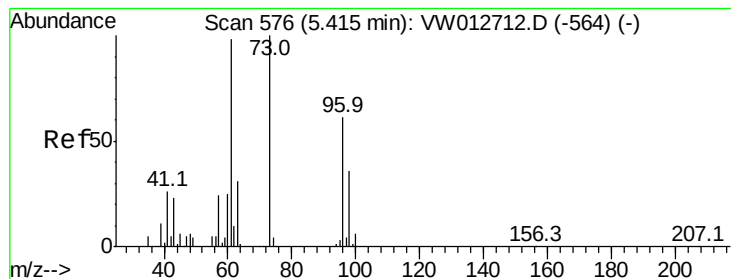
Tot Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
74 0.0 15.8 23.6#



#20
Methylene Chloride
Concen: 1.575 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

Tgt Ion: 84 Resp: 137
Ion Ratio Lower Upper
84 100
49 3.4 115.4 173.0#
51 33.8 34.9 52.3#
86 39.7 52.2 78.4#





#21

trans-1,2-Dichloroethene

Concen: 1.001 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

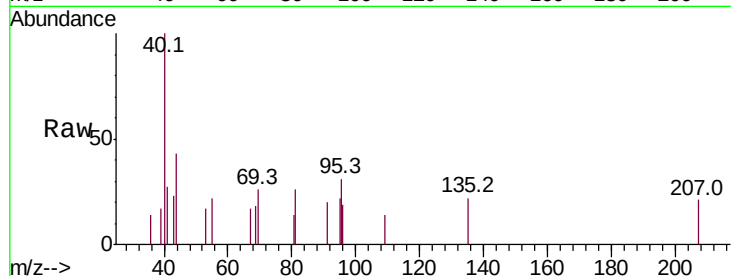
Tot Ion: 96 Resp: 77

Ion Ratio Lower Upper

96 100

61 0.0 129.2 193.8#

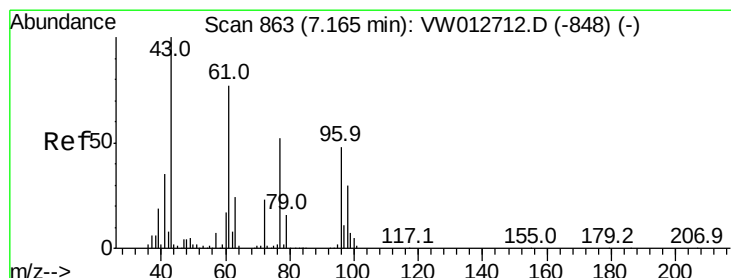
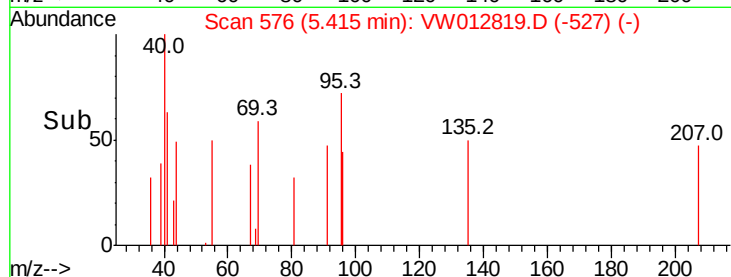
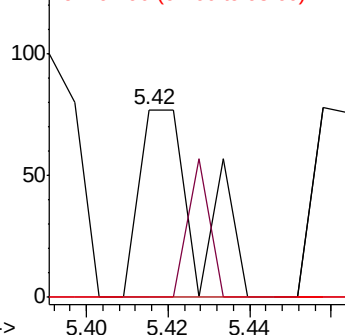
98 0.0 48.0 72.0#



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#25

2-Butanone

Concen: 22.133 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012819.D

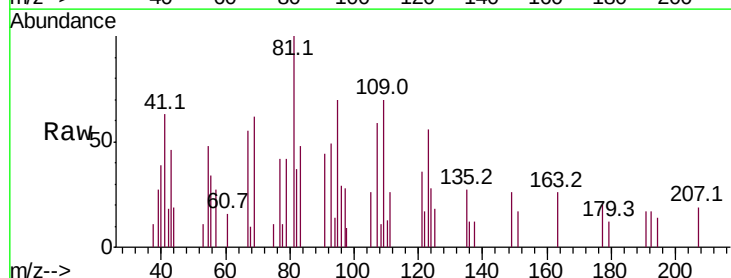
Acq: 09 Sep 2019 14:15

Tgt Ion: 43 Resp: 109

Ion Ratio Lower Upper

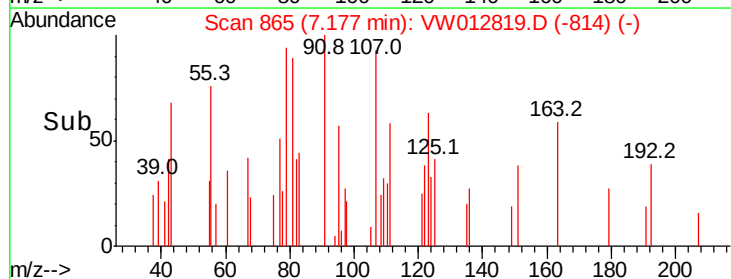
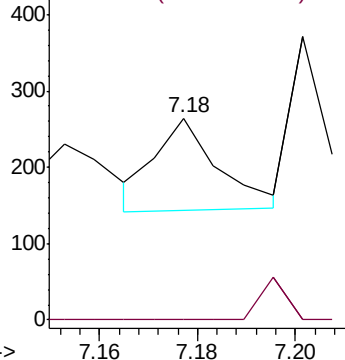
43 100

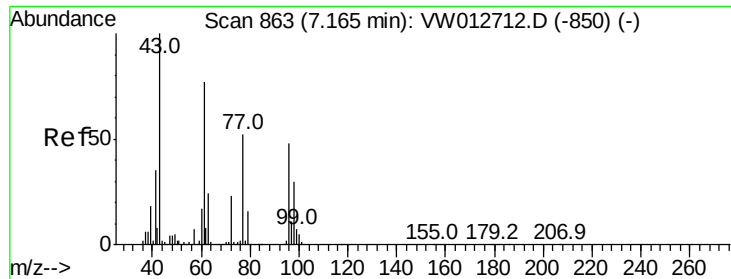
72 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

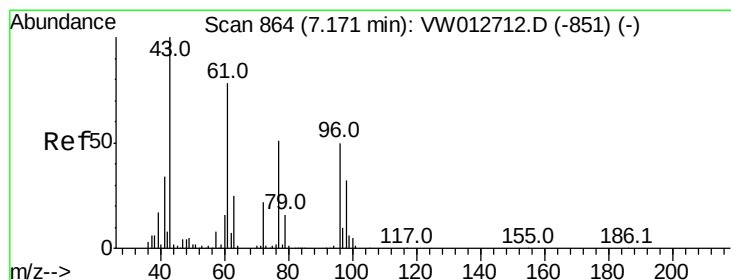
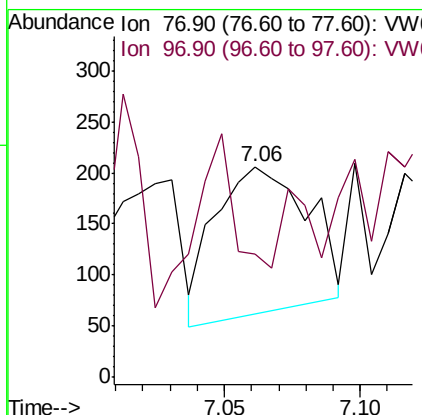
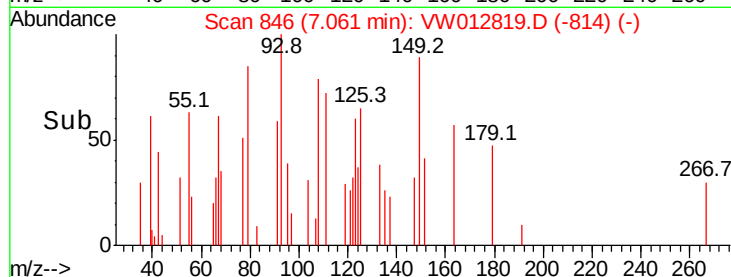
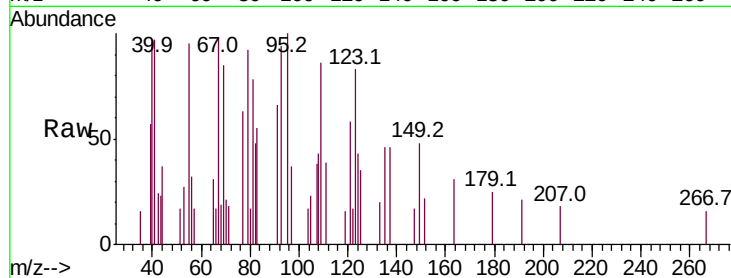




#26
 2,2-Dichloropropane
 Concen: 3.280 ug/l
 RT: 7.06 min Scan# 846
 Delta R.T. -0.10 min
 Lab File: VW012819.D
 Acq: 09 Sep 2019 14:15

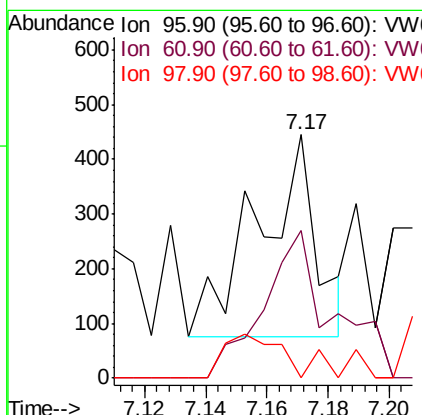
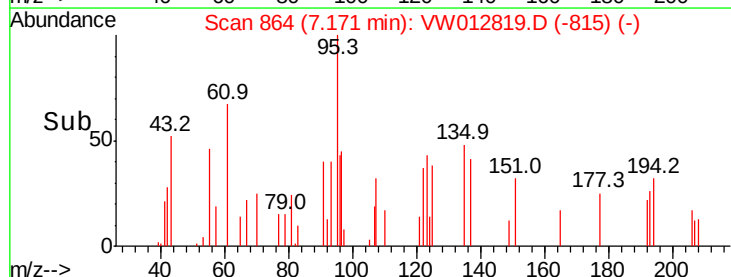
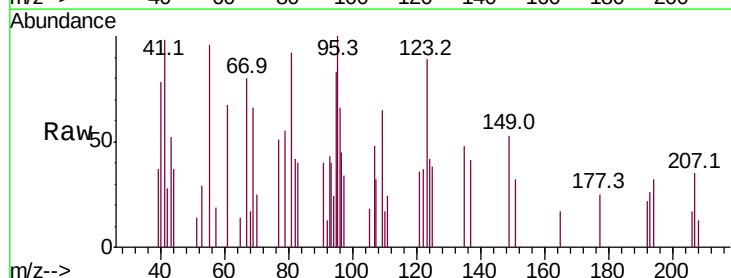
Instrument :
 MSVOA_W
 ClientSampled :

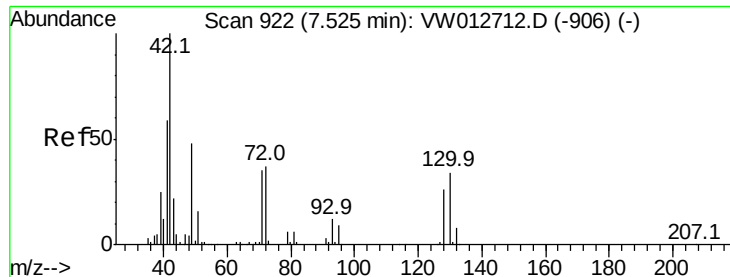
Tot Ion: 77 Resp: 345
 Ion Ratio Lower Upper
 77 100
 97 31.6 10.7 32.1



#27
 cis-1,2-Dichloroethene
 Concen: 5.573 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW012819.D
 Acq: 09 Sep 2019 14:15

Tgt Ion: 96 Resp: 497
 Ion Ratio Lower Upper
 96 100
 61 85.1 0.0 325.8
 98 19.7 0.0 127.0





#29

Tetrahydrofuran

Concen: 4.721 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

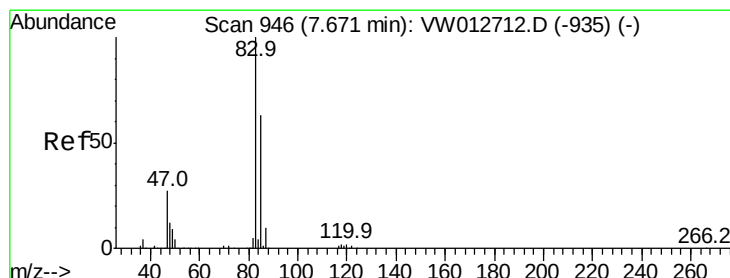
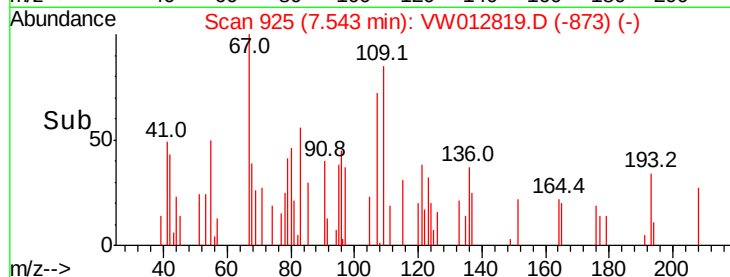
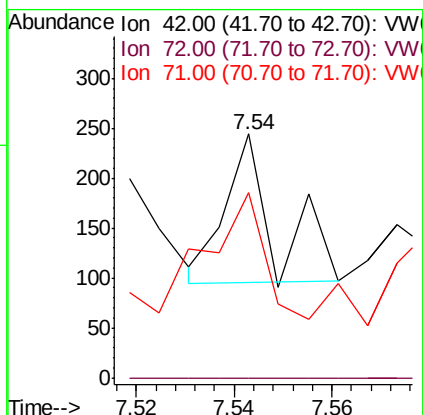
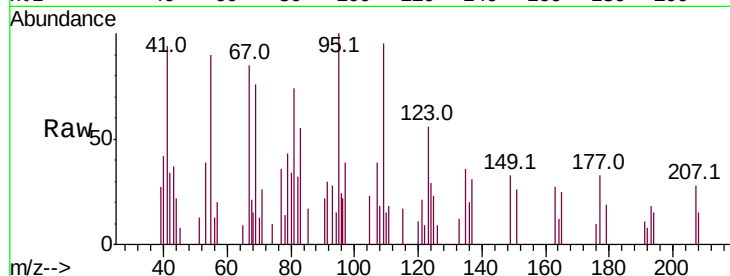
Tot Ion: 42 Resp: 106

Ion Ratio Lower Upper

42 100

72 0.0 28.4 42.6#

71 97.2 27.1 40.7#



#30

Chloroform

Concen: 3.321 ug/l

RT: 7.66 min Scan# 944

Delta R.T. -0.01 min

Lab File: VW012819.D

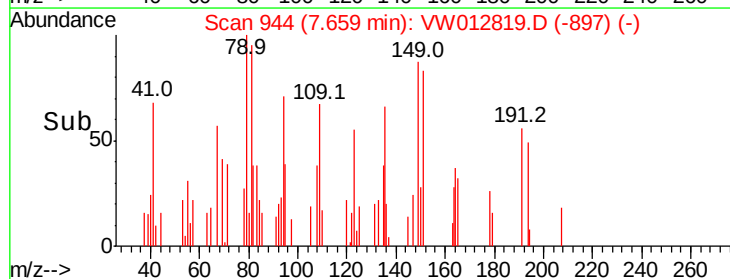
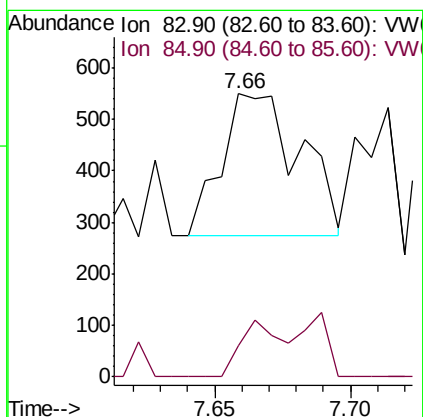
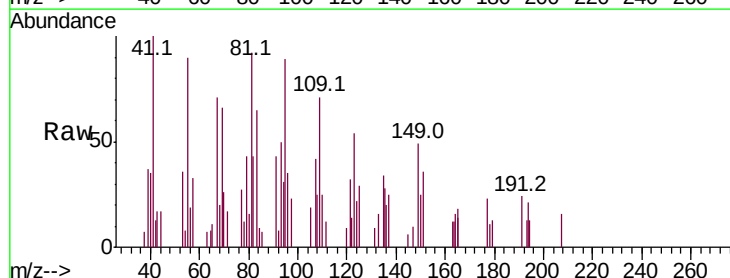
Acq: 09 Sep 2019 14:15

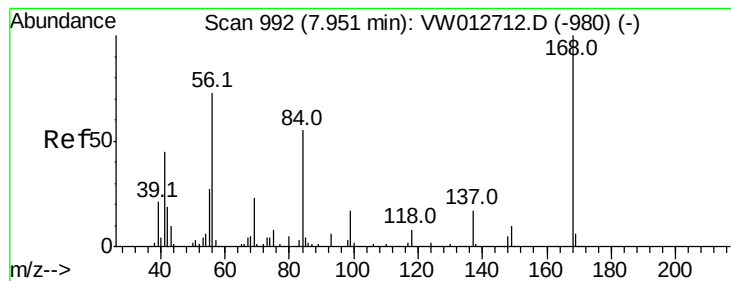
Tgt Ion: 83 Resp: 548

Ion Ratio Lower Upper

83 100

85 21.8 50.6 76.0#





#31

Cyclohexane

Concen: 3.189 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :
MSVOA_W
ClientSampled :

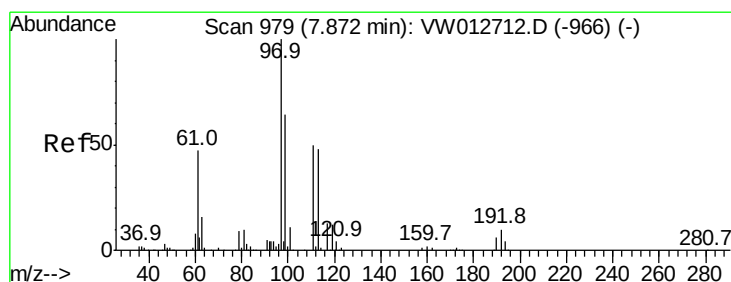
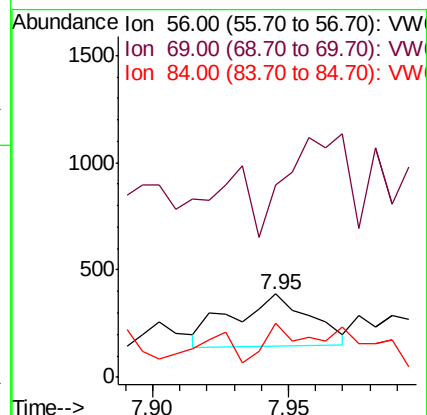
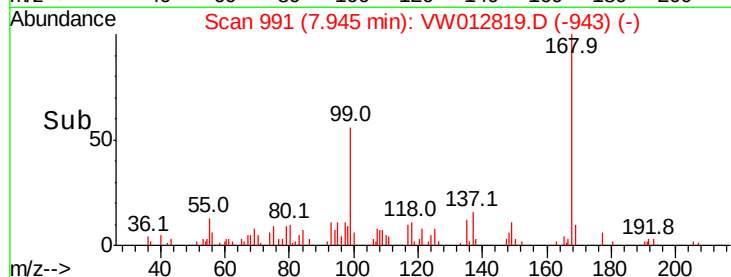
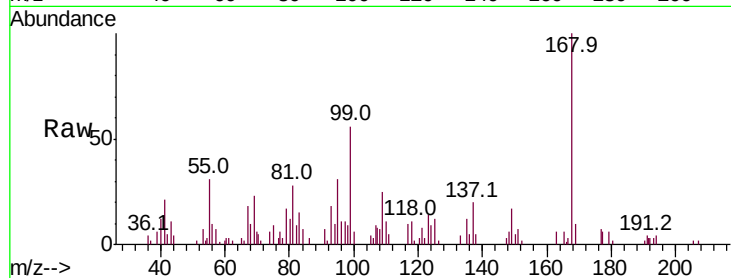
Tot Ion: 56 Resp: 478

Ion Ratio Lower Upper

56 100

69 34.7 25.7 38.5

84 62.6 60.4 90.6



#32

1,1,1-Trichloroethane

Concen: 1.428 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

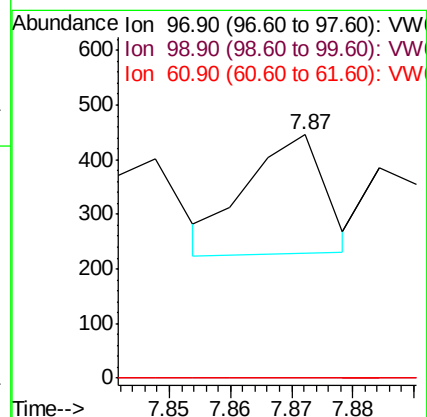
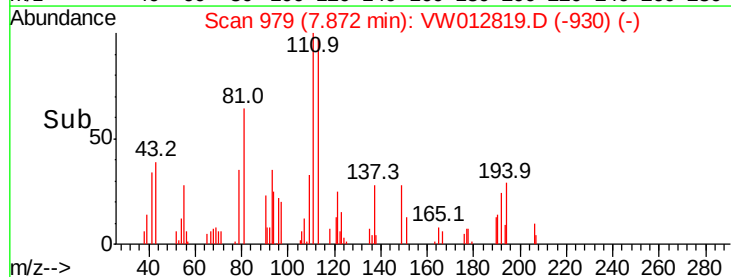
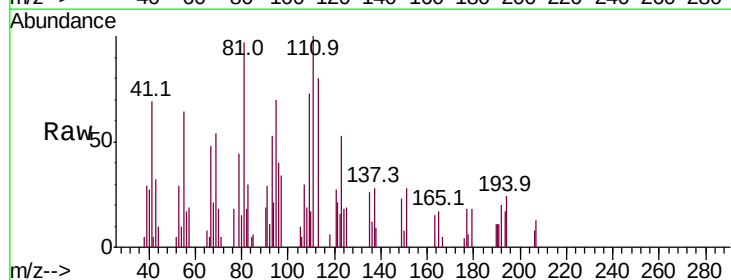
Tgt Ion: 97 Resp: 191

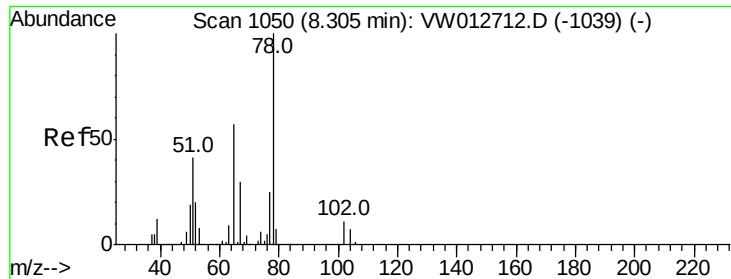
Ion Ratio Lower Upper

97 100

99 0.0 51.5 77.3#

61 0.0 37.9 56.9#

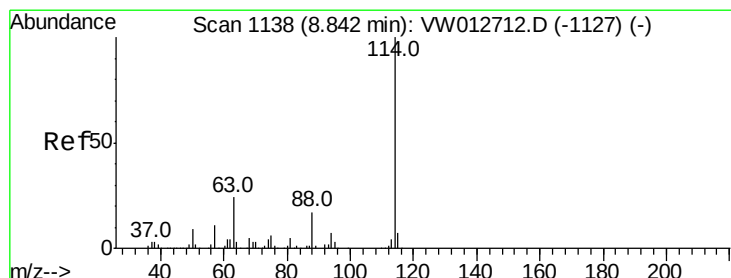
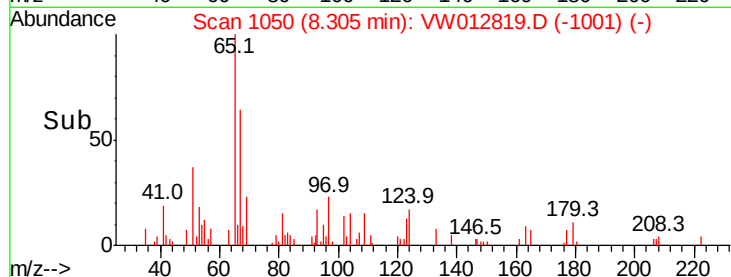
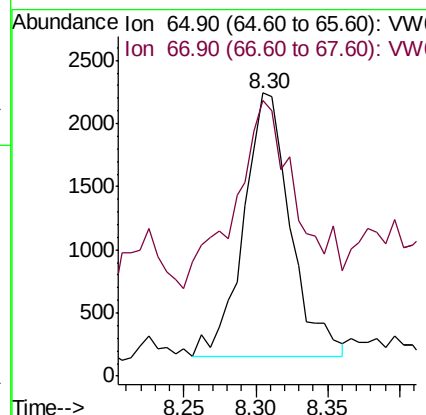
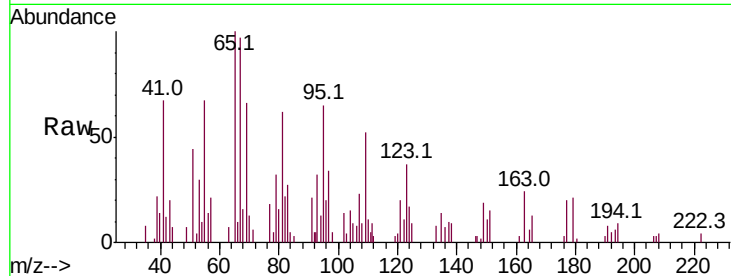




#33
 1,2-Dichloroethane-d4
 Concen: 46.343 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012819.D
 Acq: 09 Sep 2019 14:15

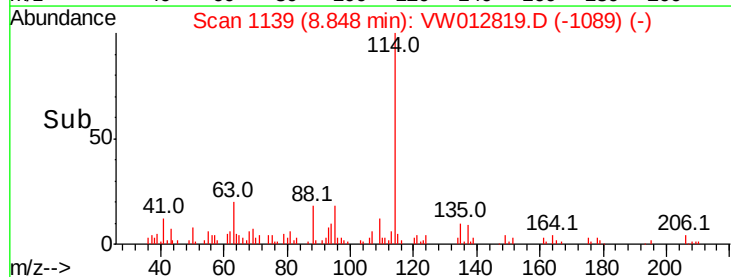
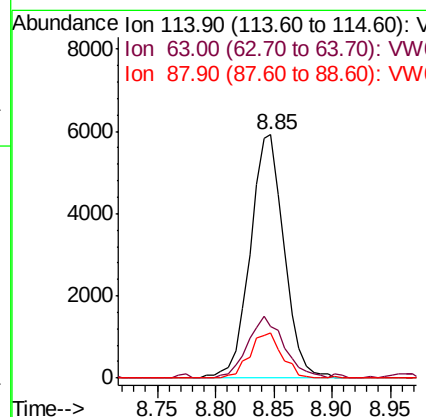
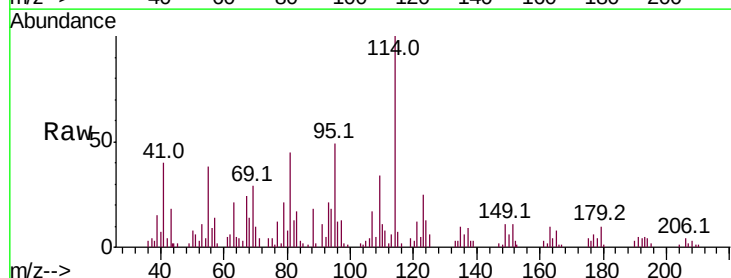
Instrument :
 MSVOA_W
 ClientSampled :

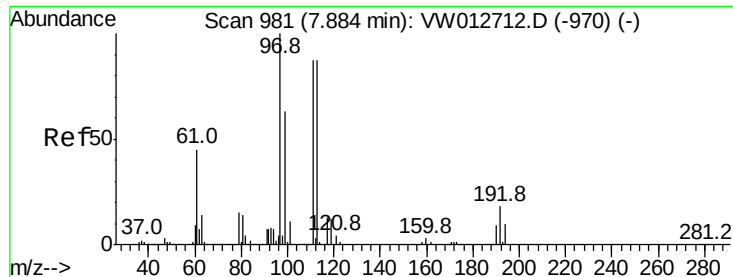
Tot Ion: 65 Resp: 4726
 Ion Ratio Lower Upper
 65 100
 67 90.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW012819.D
 Acq: 09 Sep 2019 14:15

Tgt Ion: 114 Resp: 11979
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 47.2
 88 18.5 0.0 34.0

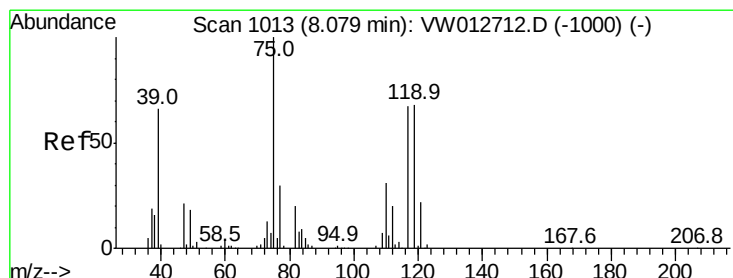
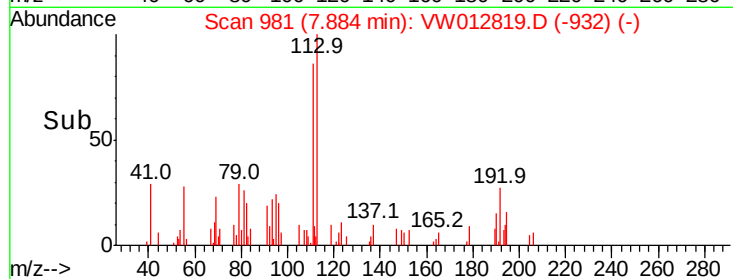
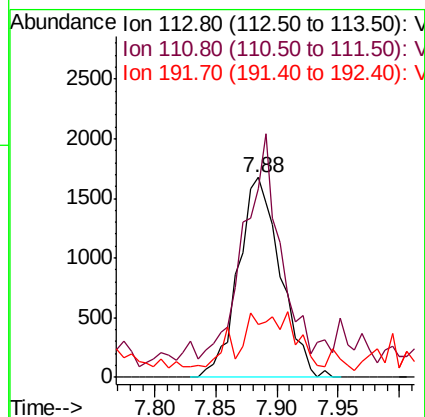
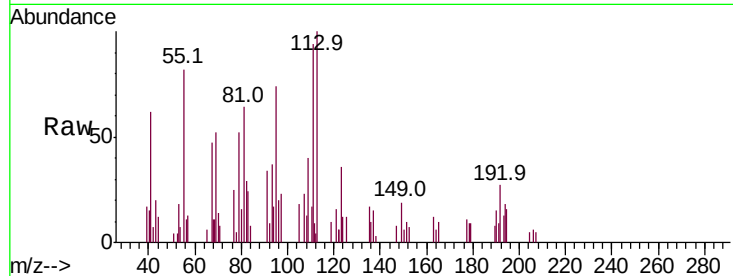




#35
 Dibromofluoromethane
 Concen: 55.983 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012819.D
 Acq: 09 Sep 2019 14:15

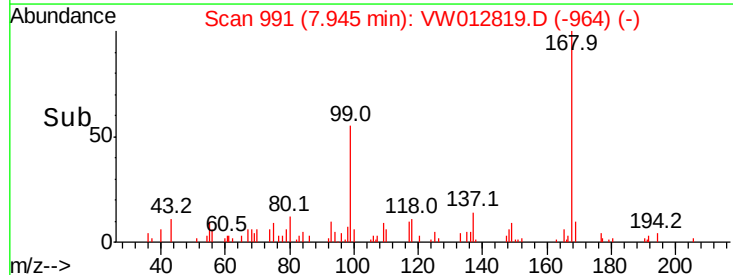
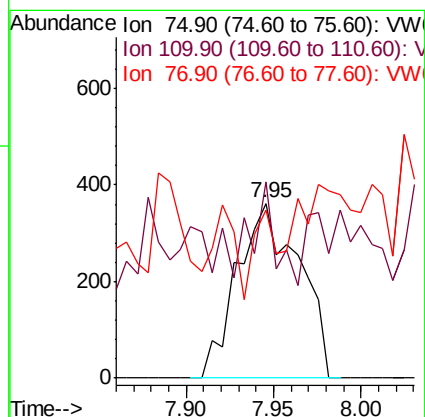
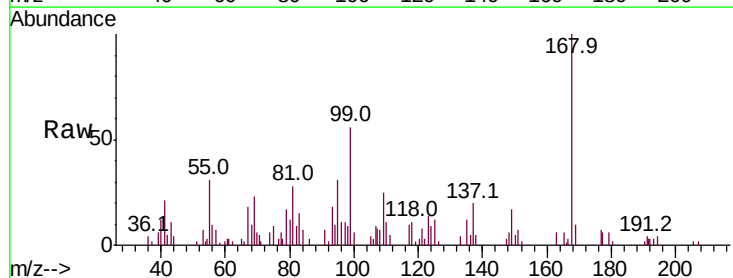
Instrument :
 MSVOA_W
 ClientSampleId :

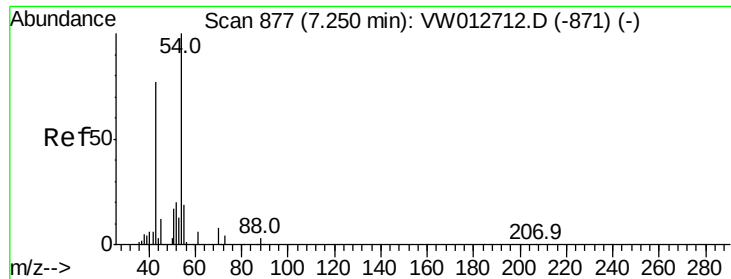
Tot Ion:113 Resp: 3987
 Ion Ratio Lower Upper
 113 100
 111 97.0 80.2 120.4
 192 9.9 17.3 25.9#



#36
 1,1-Dichloropropene
 Concen: 8.409 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012819.D
 Acq: 09 Sep 2019 14:15

Tgt Ion: 75 Resp: 895
 Ion Ratio Lower Upper
 75 100
 110 21.5 15.9 47.7
 77 16.8 25.0 37.4#

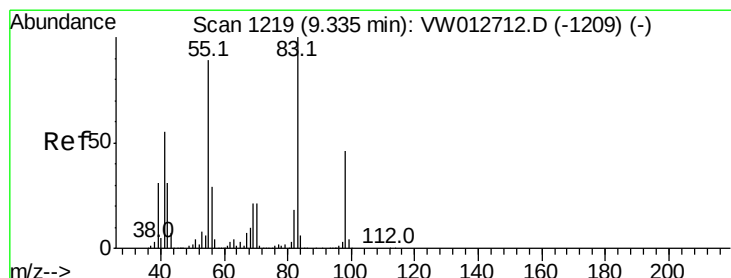
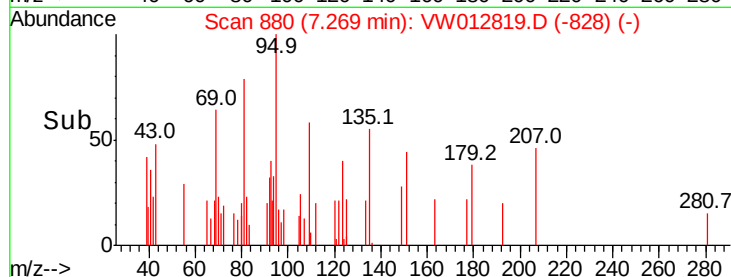
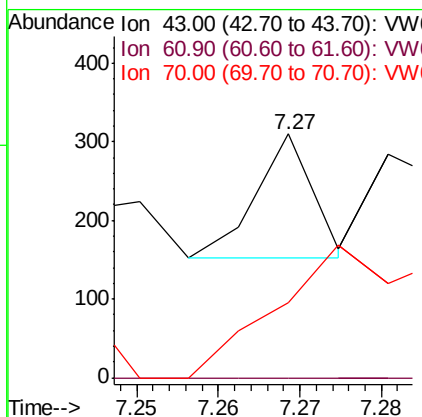
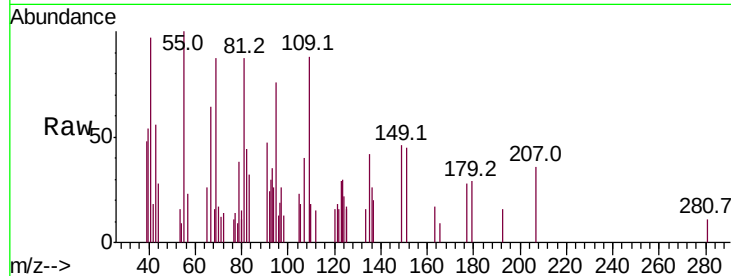




#37
Ethyl Acetate
Concen: 1.120 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.02 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

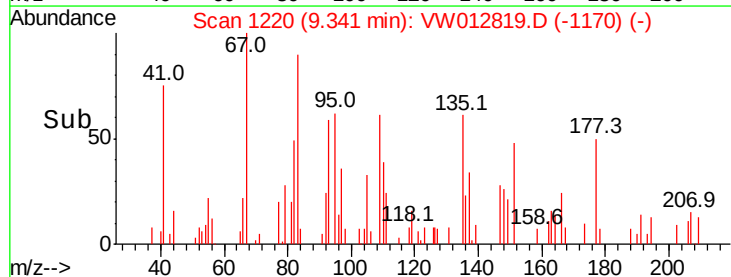
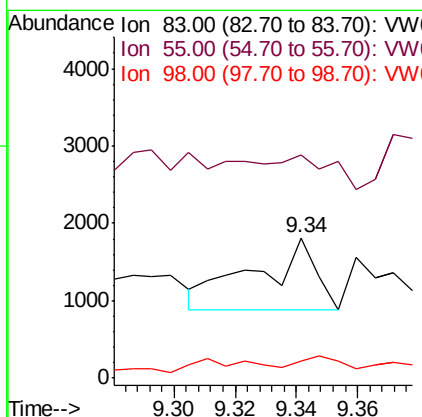
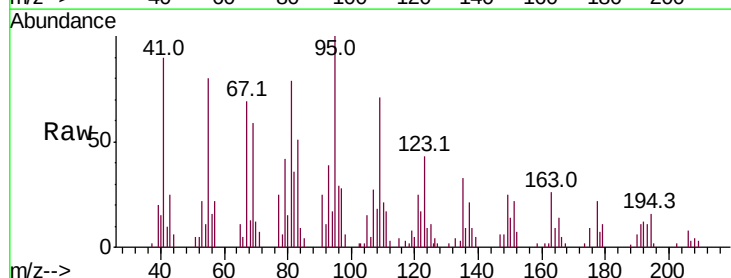
Instrument :
MSVOA_W
ClientSampled :

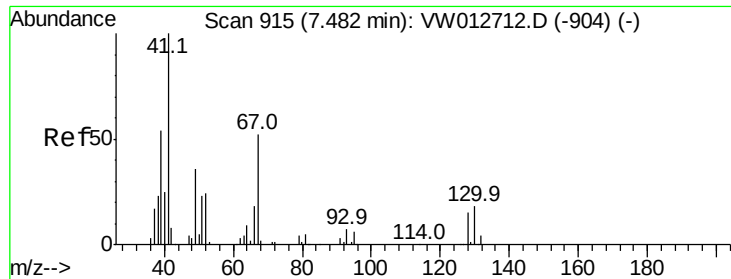
Tot Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
61 0.0 9.5 14.3#
70 327.6 7.0 10.6#



#39
Methylcyclohexane
Concen: 10.791 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

Tgt Ion: 83 Resp: 1290
Ion Ratio Lower Upper
83 100
55 8.9 71.0 106.4#
98 5.6 36.9 55.3#





#41

Methacrylonitrile

Concen: 11.966 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 41 Resp: 406

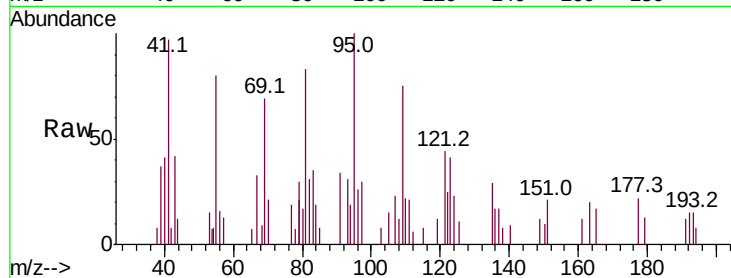
Ion Ratio Lower Upper

41 100

39 21.9 47.5 71.3#

67 0.0 45.1 67.7#

52 0.0 20.2 30.2#

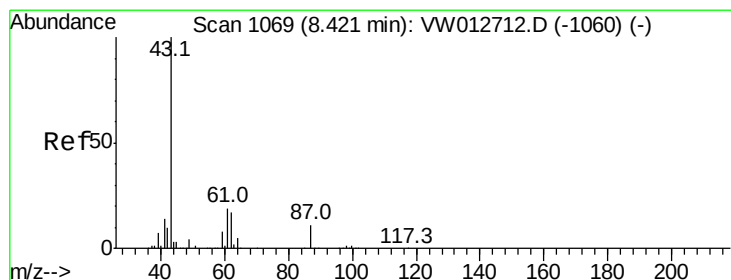
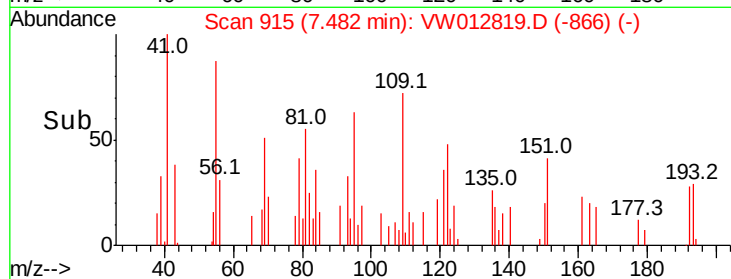
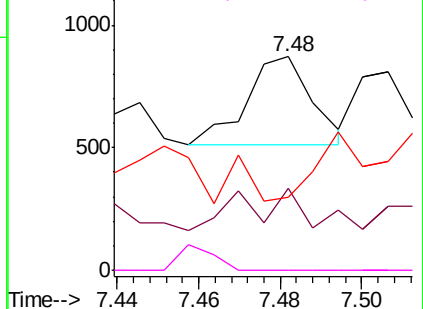


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#43

Isopropyl Acetate

Concen: 1.813 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

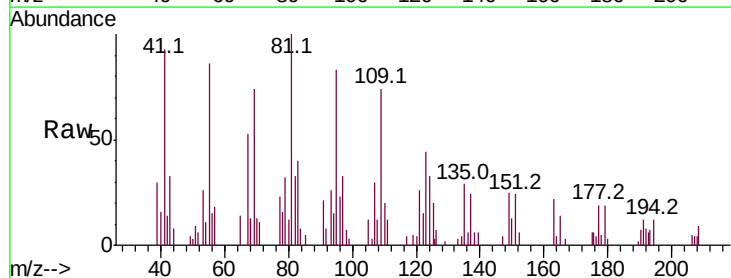
Tgt Ion: 43 Resp: 233

Ion Ratio Lower Upper

43 100

61 0.0 20.6 30.8#

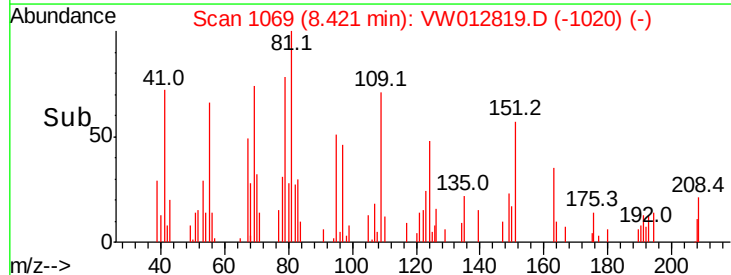
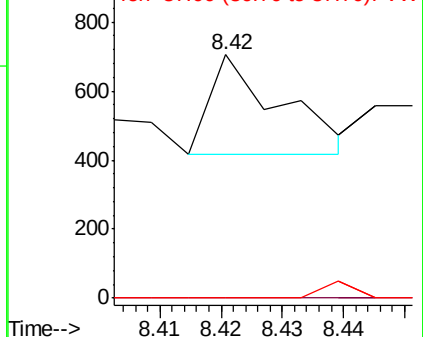
87 0.0 8.6 13.0#

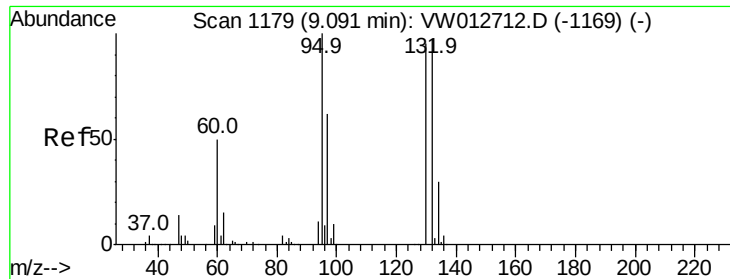


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#44

Trichloroethene

Concen: 3.849 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

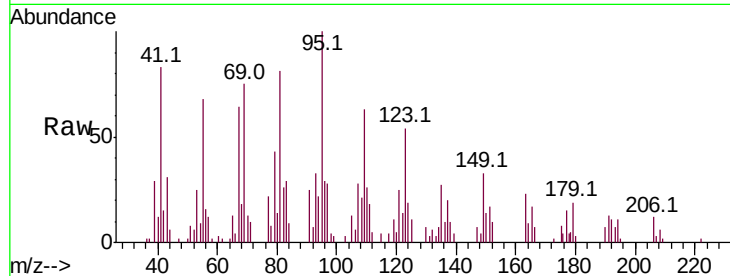
ClientSampled :

Tot Ion:130 Resp: 293

Ion Ratio Lower Upper

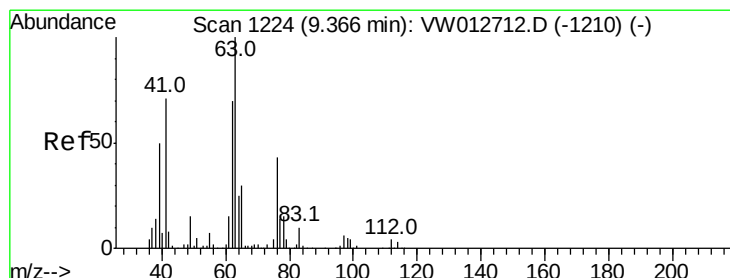
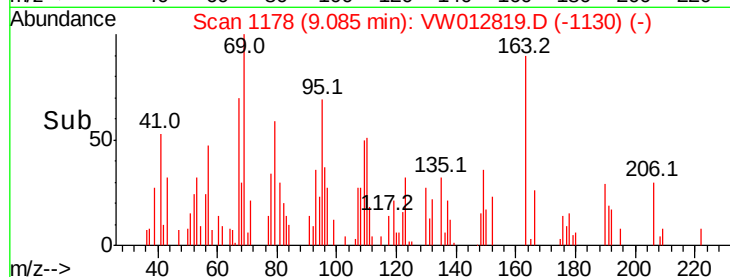
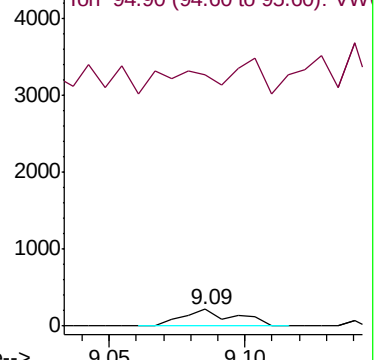
130 100

95 115.8 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 1.001 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012819.D

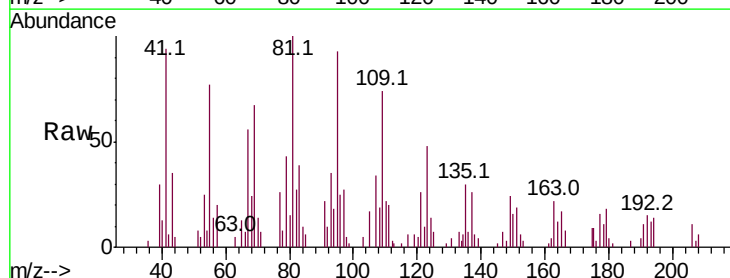
Acq: 09 Sep 2019 14:15

Tgt Ion: 63 Resp: 82

Ion Ratio Lower Upper

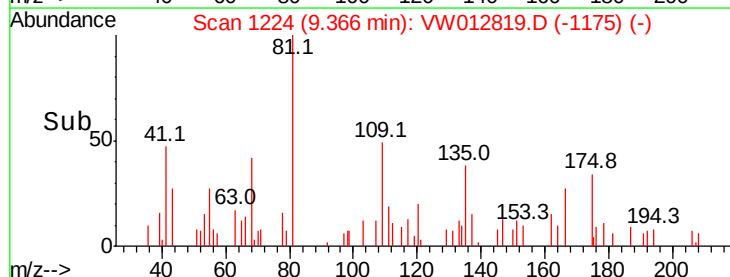
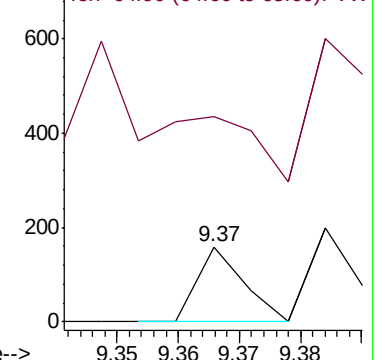
63 100

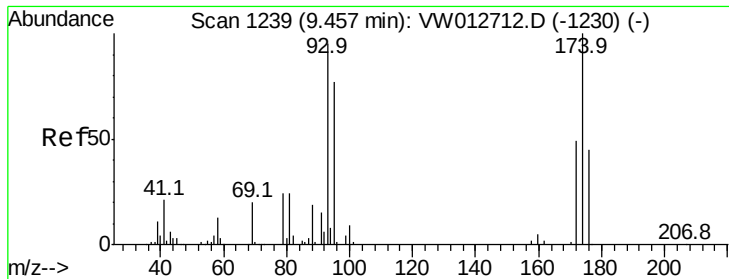
65 86.8 23.8 35.8#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#46

Dibromomethane

Concen: 8.534 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.02 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

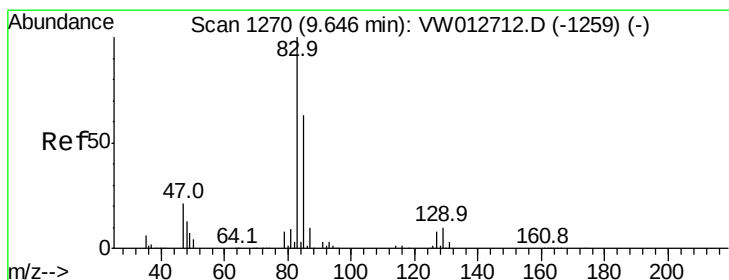
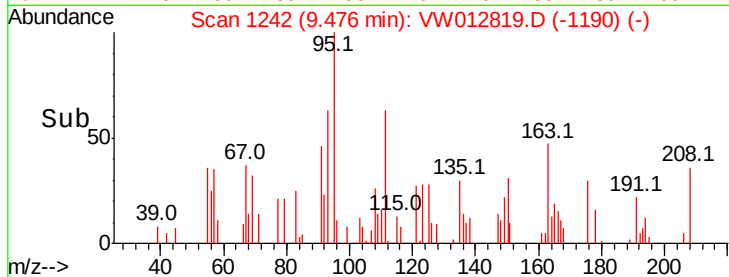
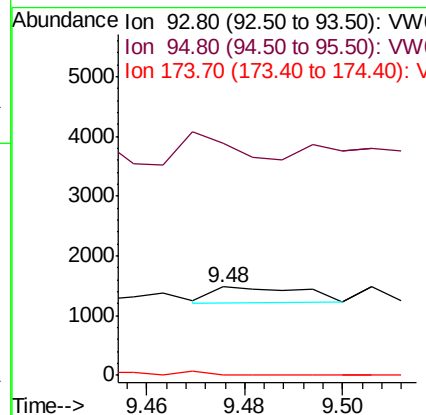
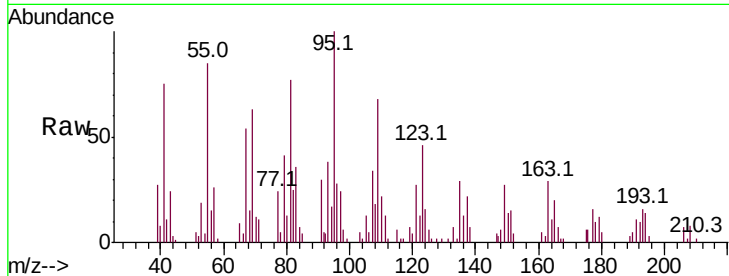
Tot Ion: 93 Resp: 331

Ion Ratio Lower Upper

93 100

95 162.5 65.2 97.8#

174 24.8 84.2 126.4#



#47

Bromodichloromethane

Concen: 10.346 ug/l

RT: 9.68 min Scan# 1276

Delta R.T. 0.04 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

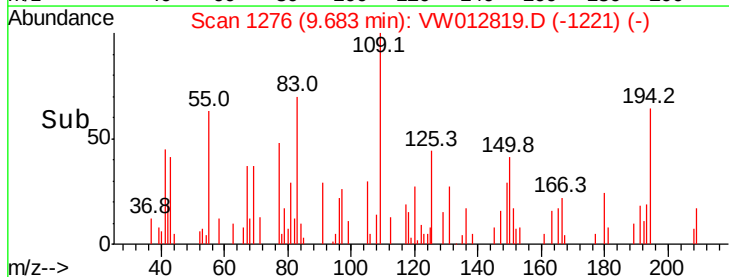
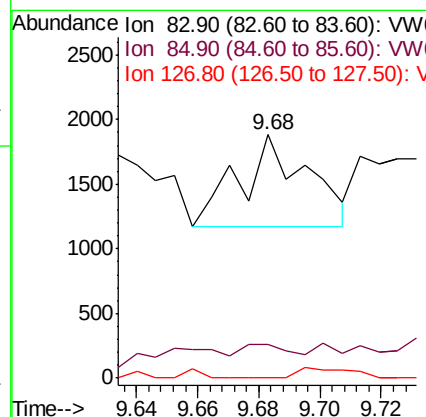
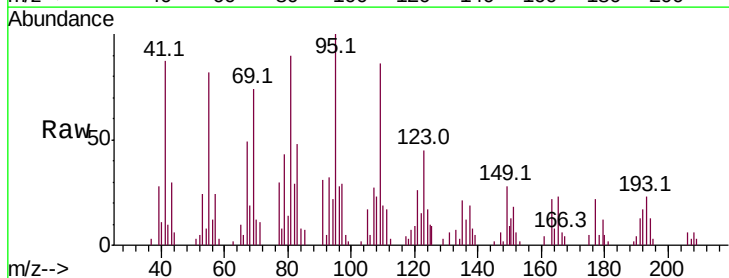
Tgt Ion: 83 Resp: 1104

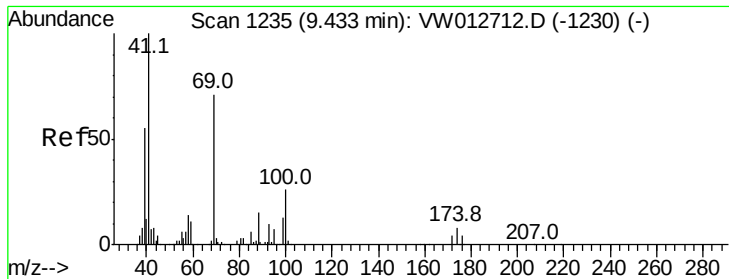
Ion Ratio Lower Upper

83 100

85 9.8 50.2 75.2#

127 0.0 6.6 9.8#

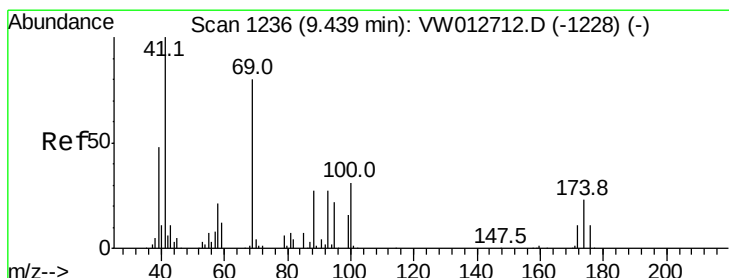
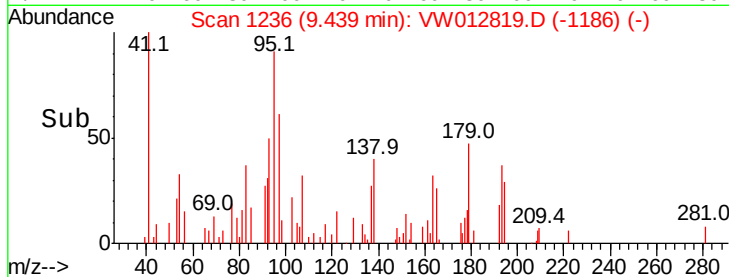
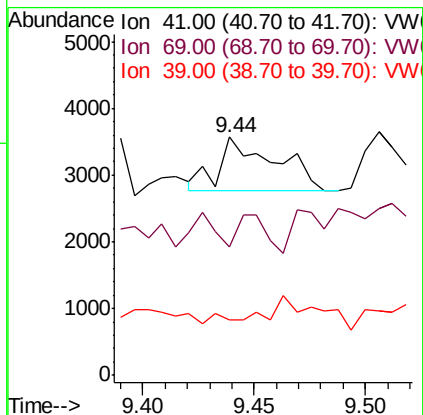
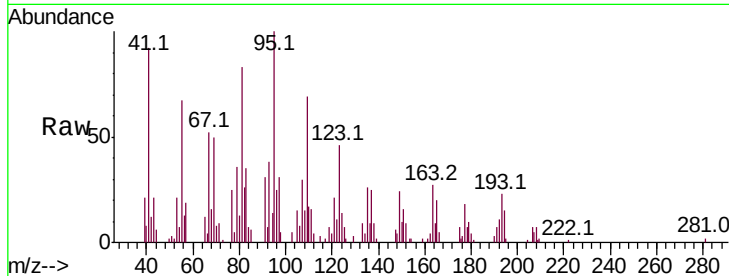




#48
Methyl methacrylate
Concen: 22.741 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

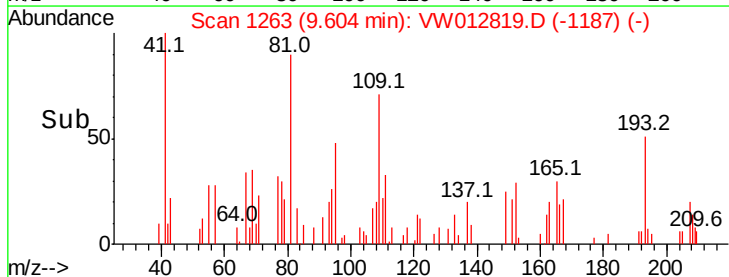
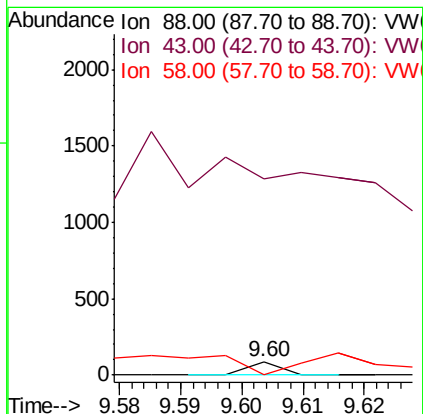
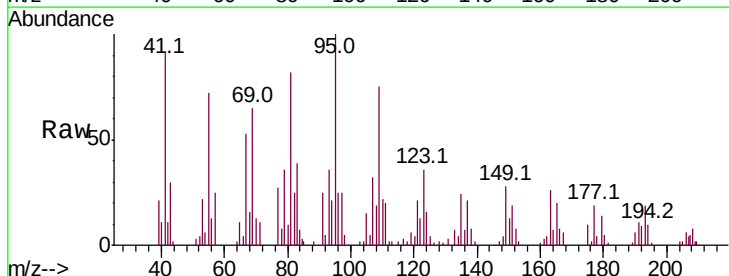
Instrument :
MSVOA_W
ClientSampled :

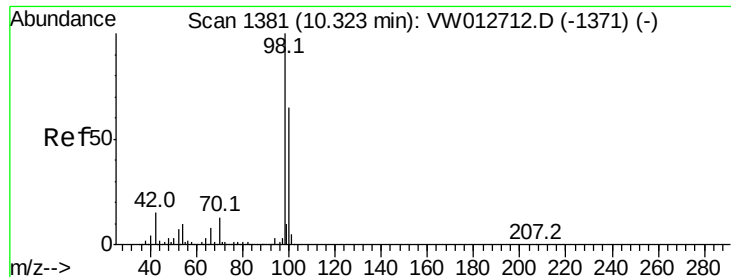
Tot Ion: 41 Resp: 1397
Ion Ratio Lower Upper
41 100
69 25.3 59.8 89.8#
39 0.0 47.0 70.6#



#49
1,4-Dioxane
Concen: 43.074 ug/l
RT: 9.60 min Scan# 1263
Delta R.T. 0.16 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 0.0 34.8 52.2#
58 375.8 64.1 96.1#





#50

Toluene-d8

Concen: 52.645 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

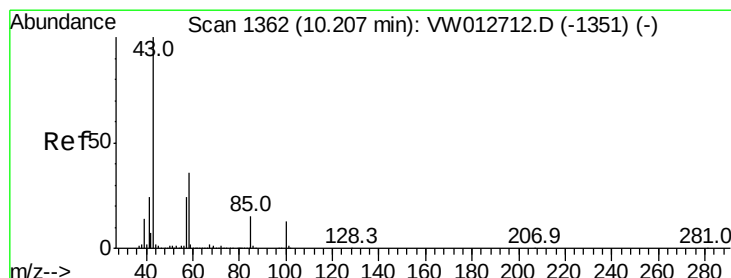
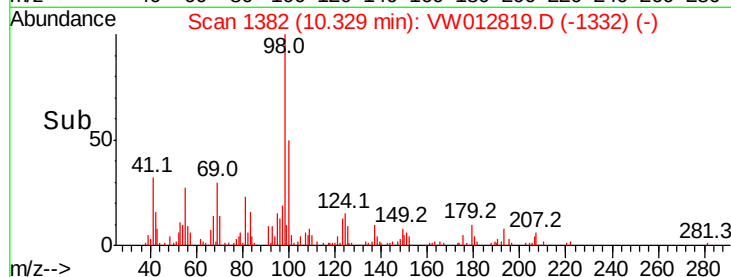
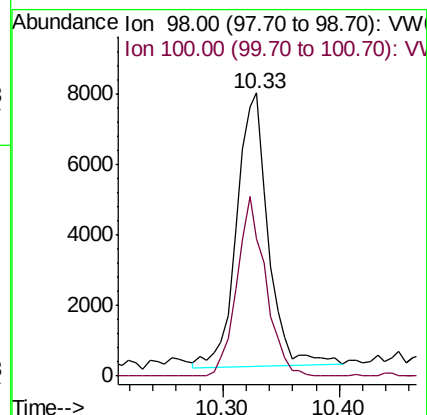
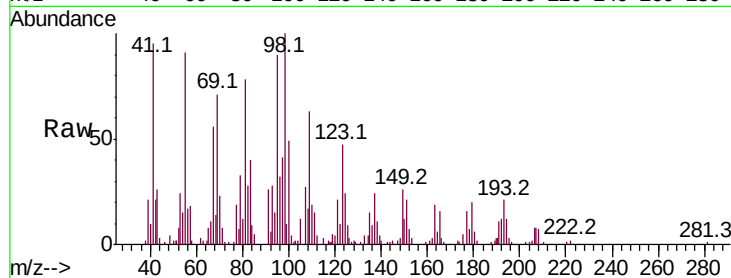
ClientSampleId :

Tot Ion: 98 Resp: 14689

Ion Ratio Lower Upper

98 100

100 59.6 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 13.639 ug/l

RT: 10.16 min Scan# 1355

Delta R.T. -0.04 min

Lab File: VW012819.D

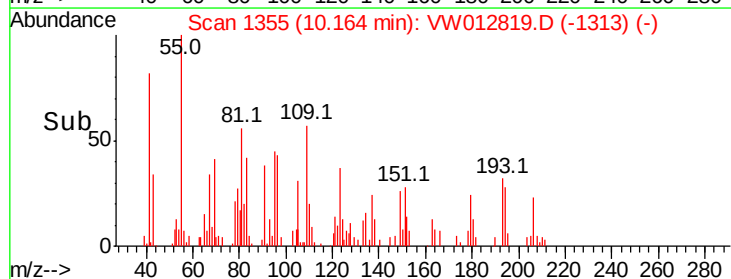
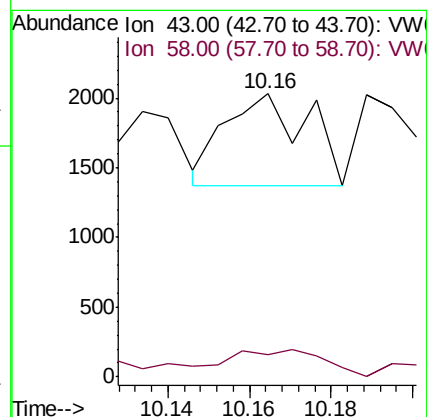
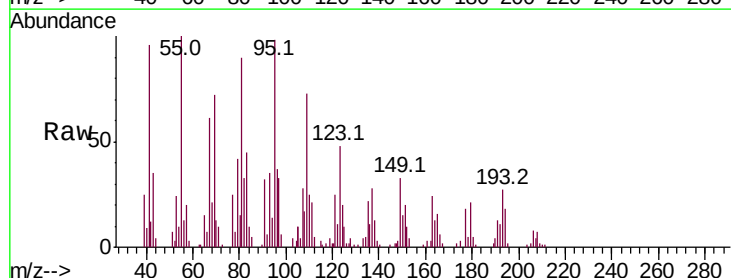
Acq: 09 Sep 2019 14:15

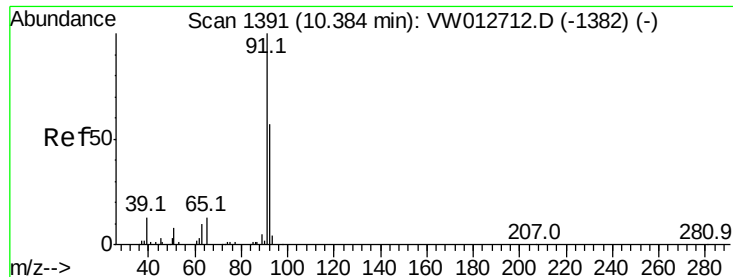
Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

58 33.8 28.4 42.6





#52

Toluene

Concen: 3.353 ug/l

RT: 10.35 min Scan# 1386

Delta R.T. -0.03 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

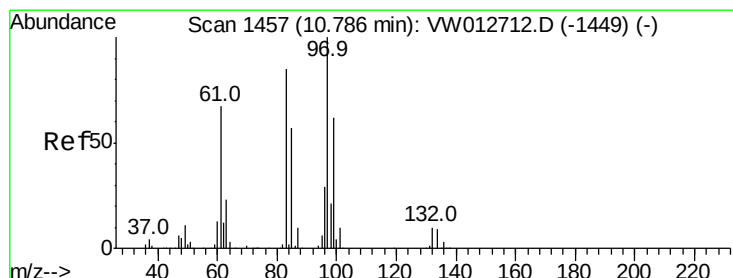
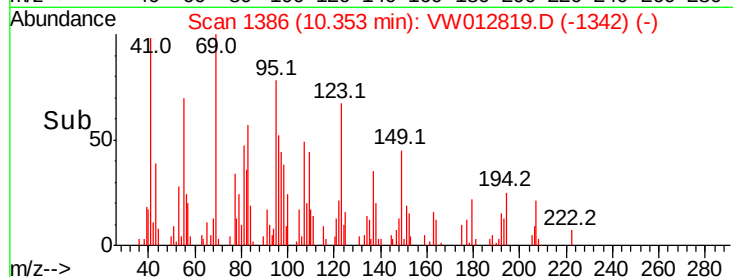
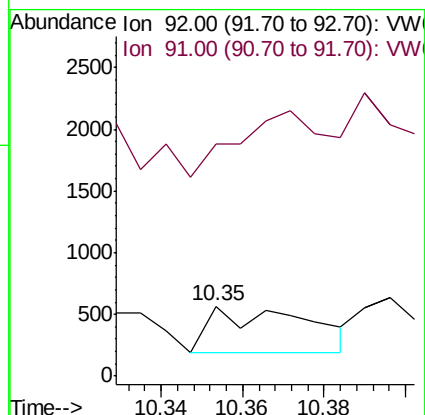
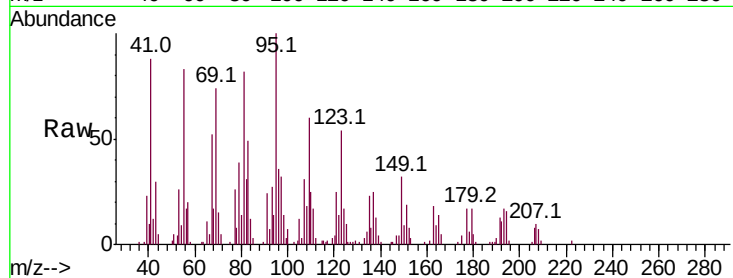
ClientSampled :

Tot Ion: 92 Resp: 618

Ion Ratio Lower Upper

92 100

91 158.7 137.0 205.4



#55

1,1,2-Trichloroethane

Concen: 21.062 ug/l

RT: 10.78 min Scan# 1456

Delta R.T. -0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Tgt Ion: 97 Resp: 1223

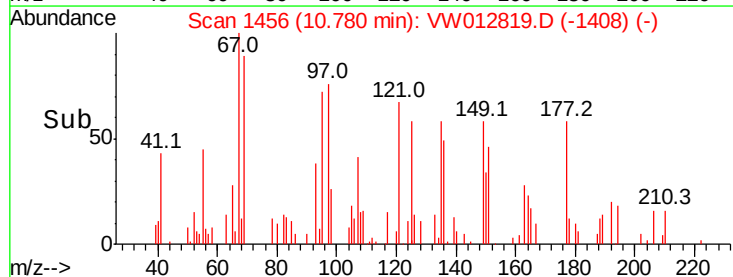
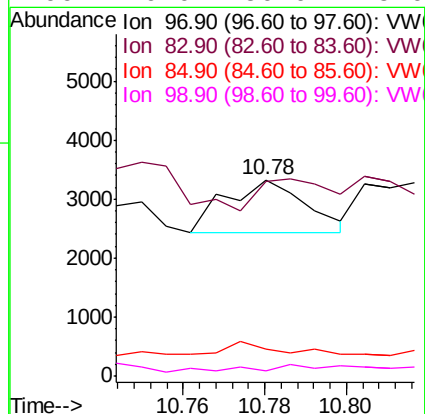
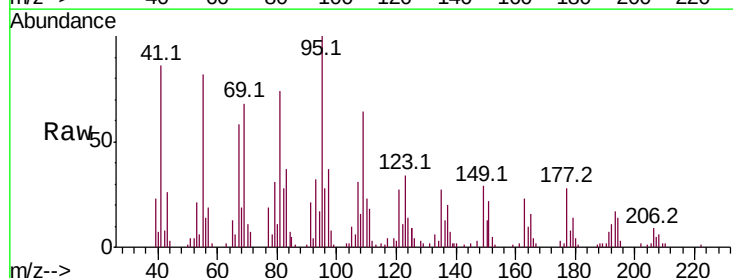
Ion Ratio Lower Upper

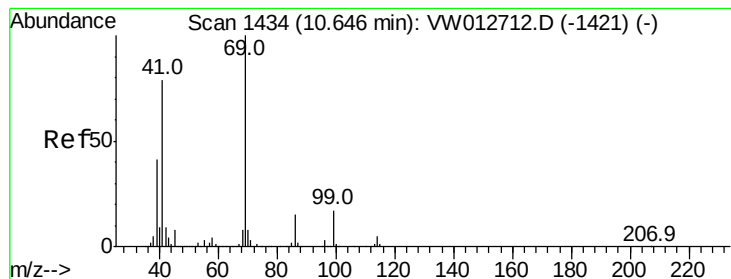
97 100

83 45.4 68.1 102.1#

85 10.0 45.3 67.9#

99 0.0 50.0 75.0#





#56

Ethyl methacrylate

Concen: 13.918 ug/l

RT: 10.68 min Scan# 1440

Delta R.T. 0.04 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

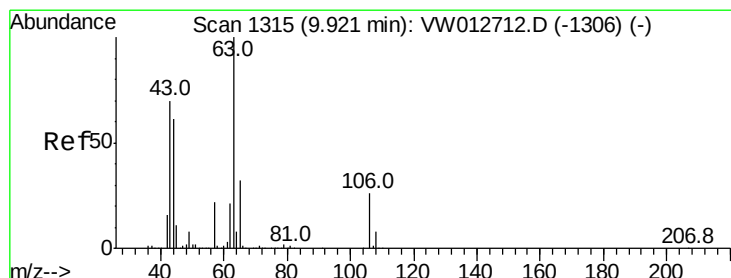
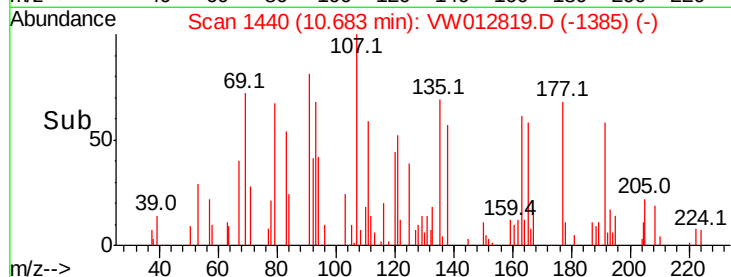
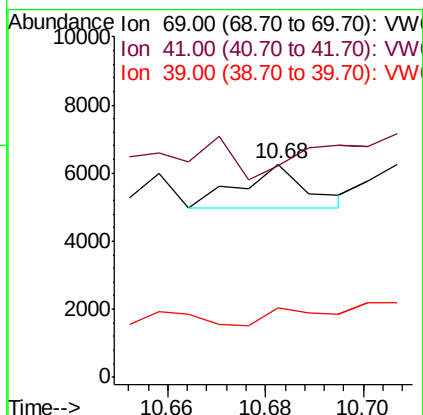
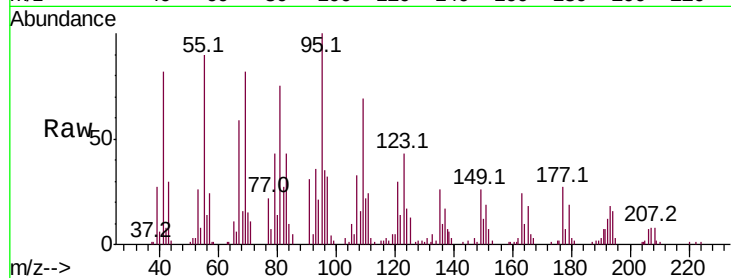
Tot Ion: 69 Resp: 1183

Ion Ratio Lower Upper

69 100

41 0.0 64.4 96.6#

39 0.0 31.1 46.7#



#58

2-Chloroethyl Vinyl ether

Concen: 1.352 ug/l

RT: 9.91 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VW012819.D

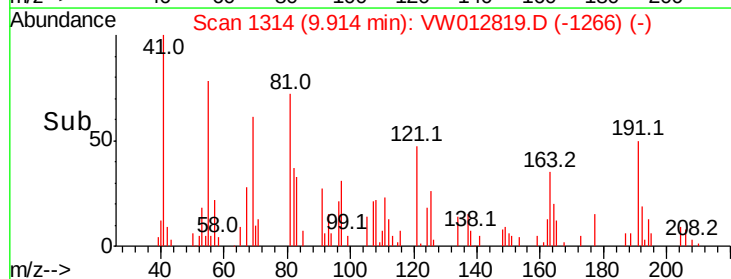
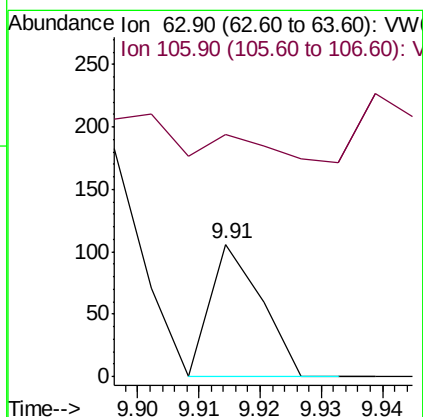
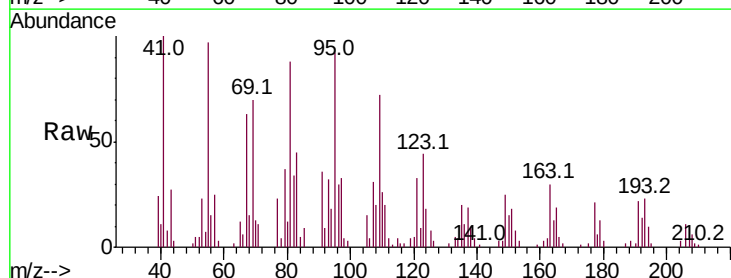
Acq: 09 Sep 2019 14:15

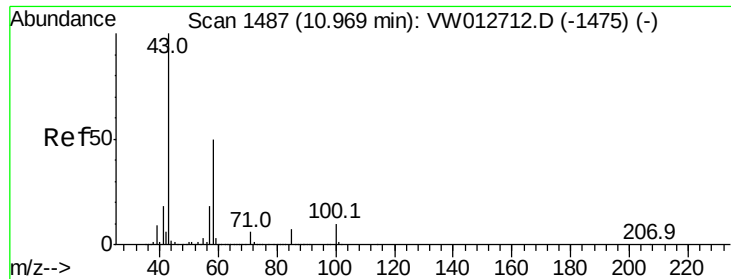
Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

63 100

106 0.0 20.5 30.7#

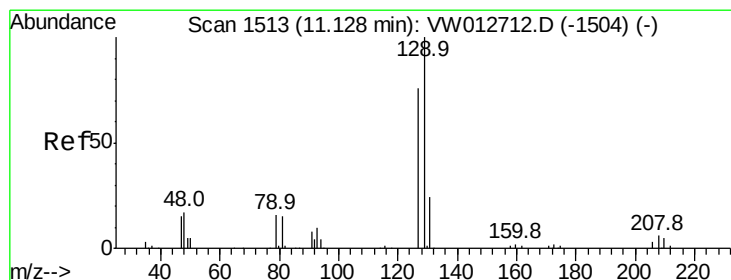
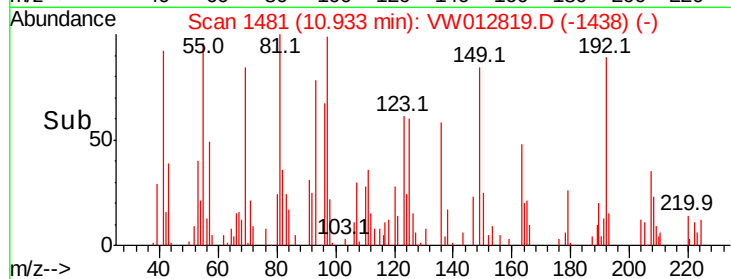
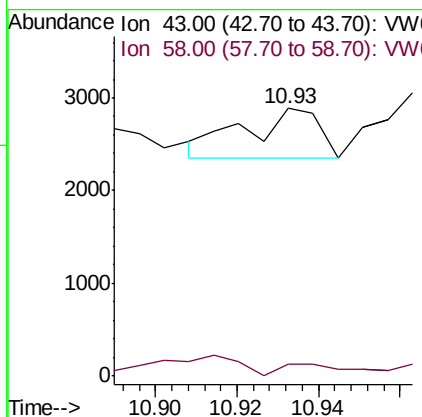
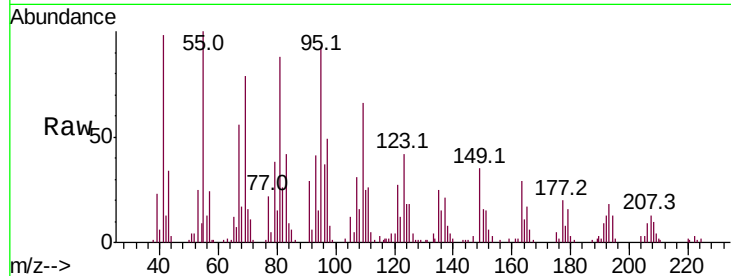




#59
2-Hexanone
Concen: 13.799 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

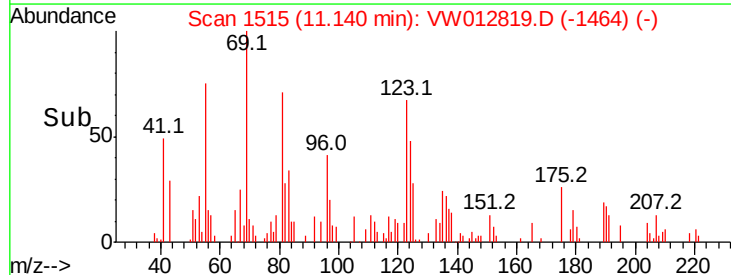
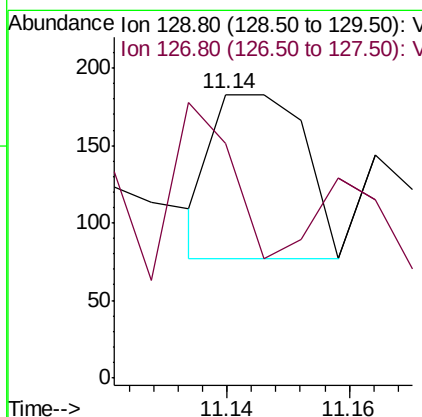
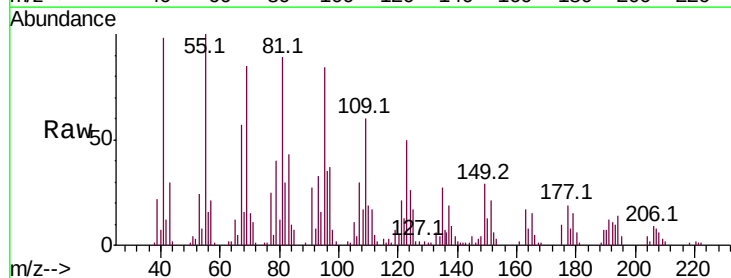
Instrument :
MSVOA_W
ClientSampleId :

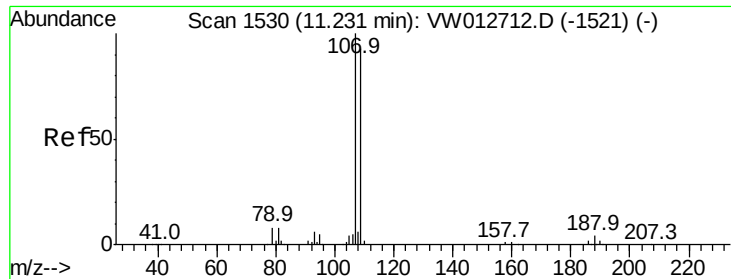
Tot Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
58 25.1 24.7 74.1



#60
Dibromochloromethane
Concen: 1.611 ug/l
RT: 11.14 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

Tgt Ion: 129 Resp: 110
Ion Ratio Lower Upper
129 100
127 92.7 38.6 115.8

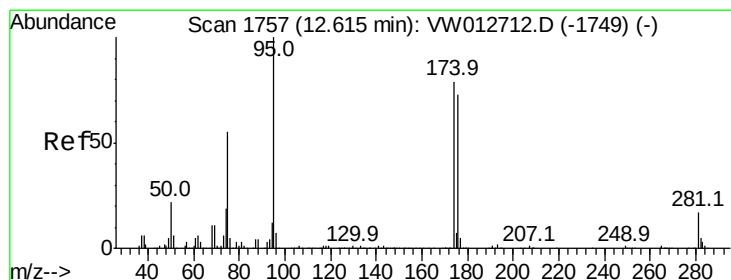
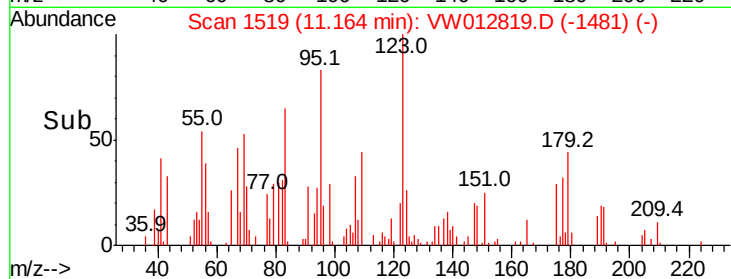
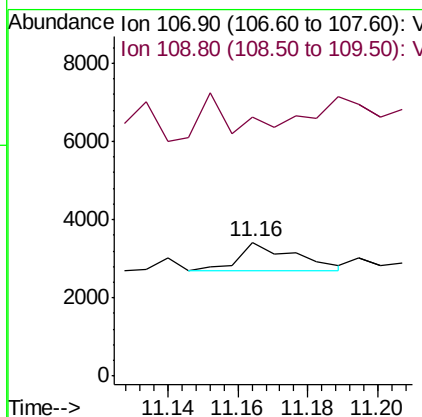
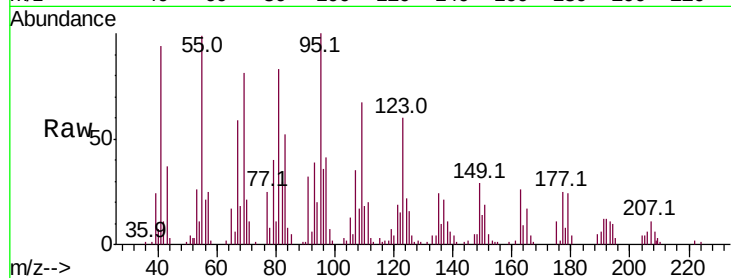




#61
 1,2-Dibromoethane
 Concen: 14.671 ug/l
 RT: 11.16 min Scan# 1519
 Delta R.T. -0.07 min
 Lab File: VW012819.D
 Acq: 09 Sep 2019 14:15

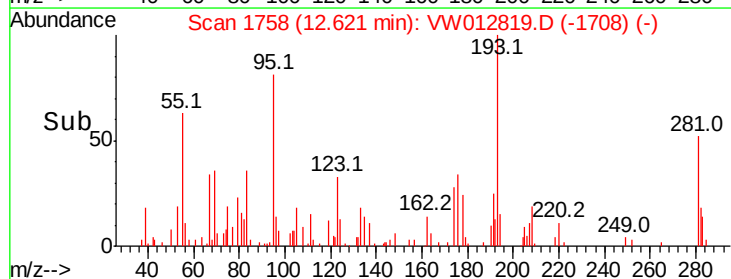
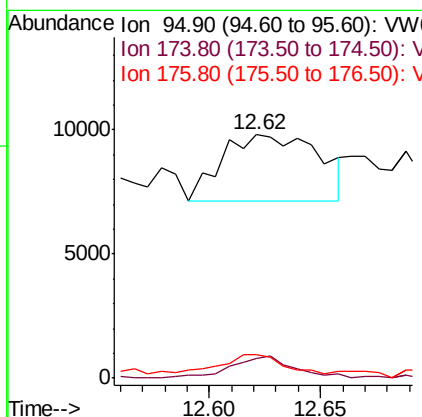
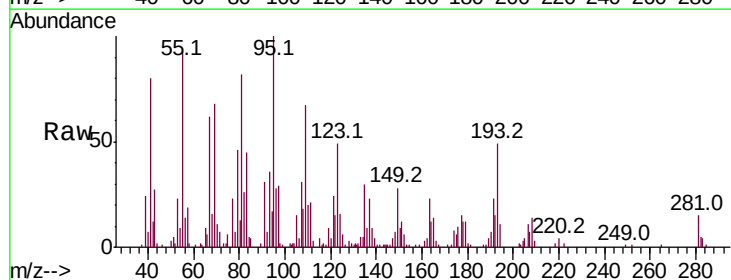
Instrument :
 MSVOA_W
 ClientSampled :

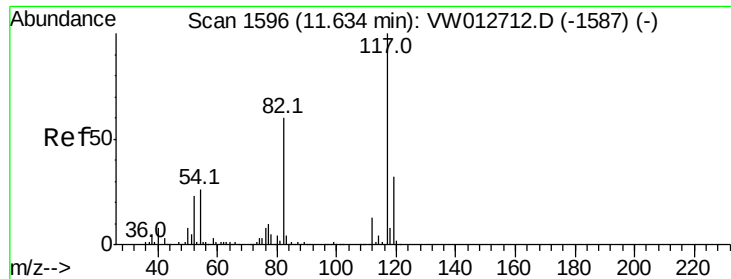
Tot Ion:107 Resp: 781
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 80.480 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW012819.D
 Acq: 09 Sep 2019 14:15

Tgt Ion: 95 Resp: 8152
 Ion Ratio Lower Upper
 95 100
 174 21.6 0.0 161.0
 176 19.4 0.0 156.4

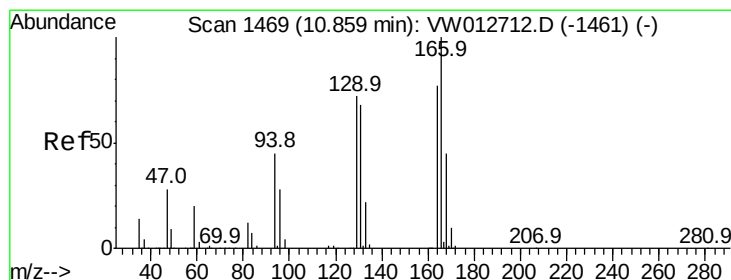
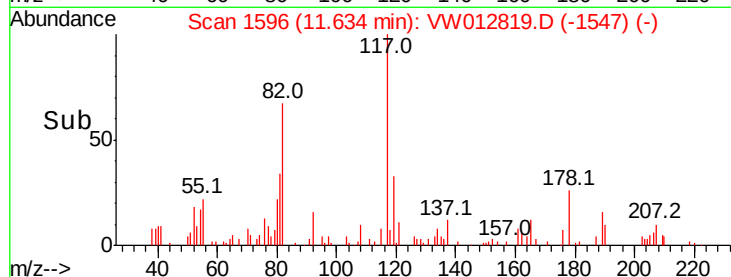
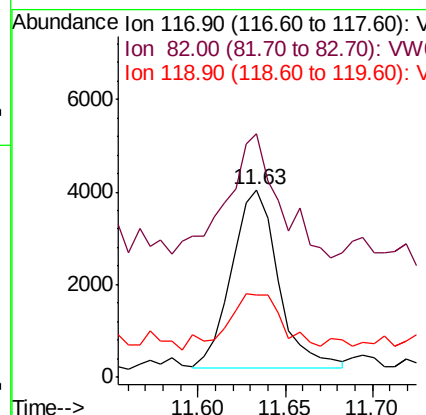
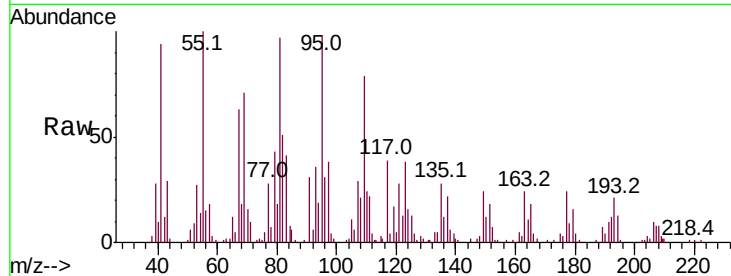




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

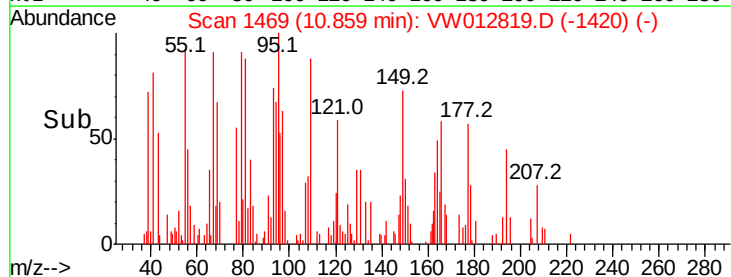
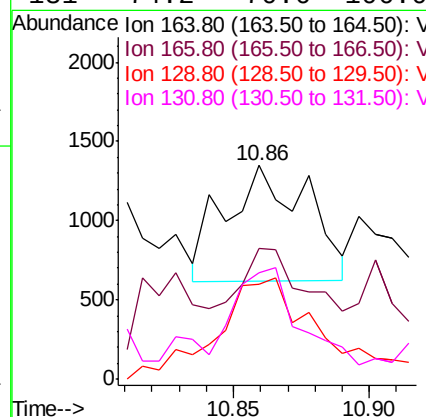
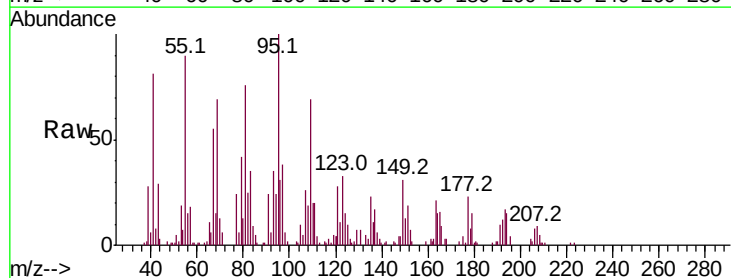
Instrument :
MSVOA_W
ClientSampleId :

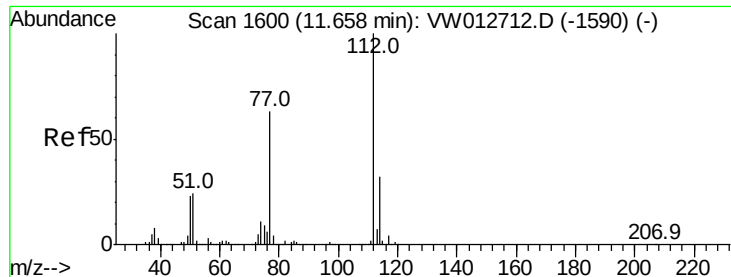
Tot Ion:117 Resp: 7190
Ion Ratio Lower Upper
117 100
82 67.2 48.2 72.4
119 25.3 25.8 38.6#



#64
Tetrachloroethene
Concen: 35.161 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

Tgt Ion:164 Resp: 1534
Ion Ratio Lower Upper
164 100
166 63.7 103.6 155.4#
129 71.0 74.6 112.0#
131 74.2 70.6 106.0





#65

Chlorobenzene

Concen: 1.280 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.02 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

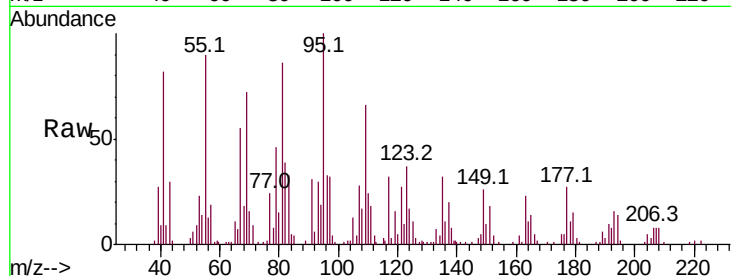
ClientSampleId :

Tot Ion:112 Resp: 174

Ion Ratio Lower Upper

112 100

114 0.0 25.3 37.9#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.64

400

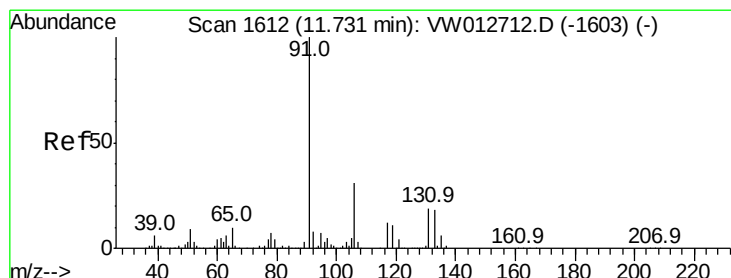
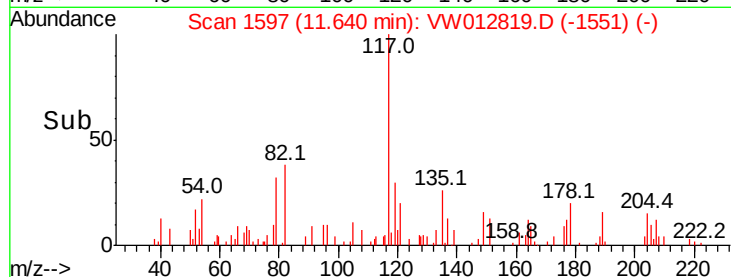
300

200

100

0

Time--> 11.62 11.64



#66

1,1,1,2-Tetrachloroethane

Concen: 1.838 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

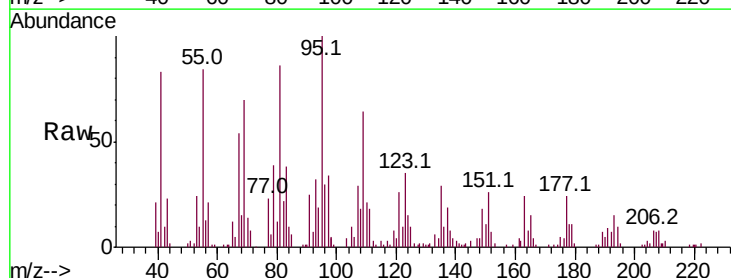
Tgt Ion:131 Resp: 93

Ion Ratio Lower Upper

131 100

133 408.6 47.6 142.8#

119 547.3 30.6 92.0#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

1200

1000

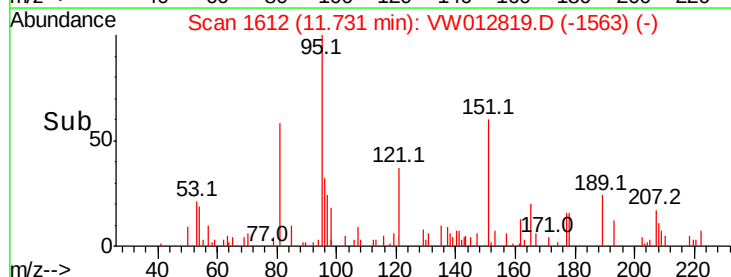
800

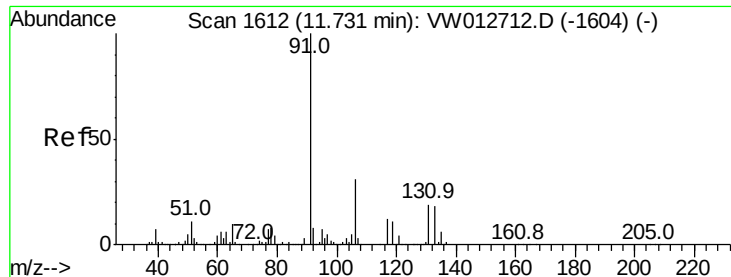
600

400

200

Time--> 11.70 11.72 11.74





#67

Ethyl Benzene

Concen: 4.863 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

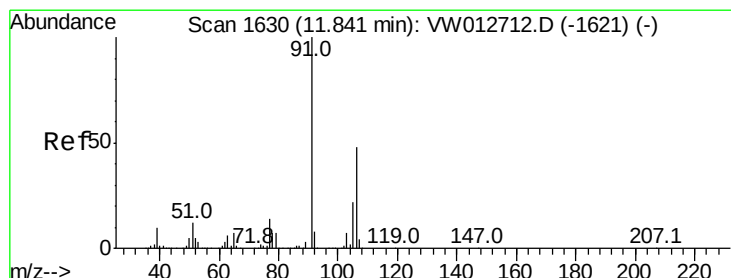
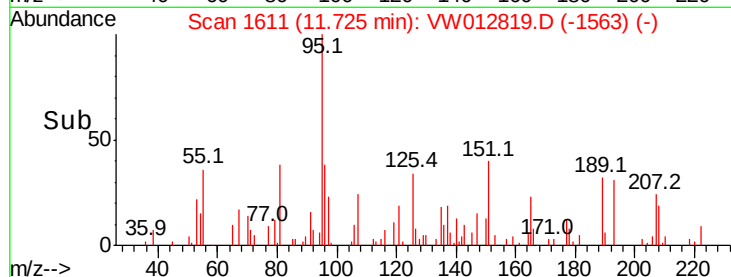
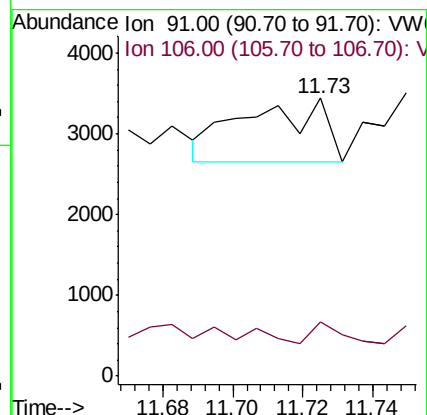
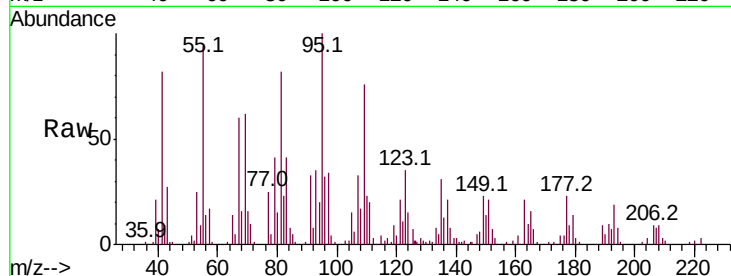
ClientSampled :

Tot Ion: 91 Resp: 1240

Ion Ratio Lower Upper

91 100

106 26.2 24.4 36.6



#68

m/p-Xylenes

Concen: 1.608 ug/l

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW012819.D

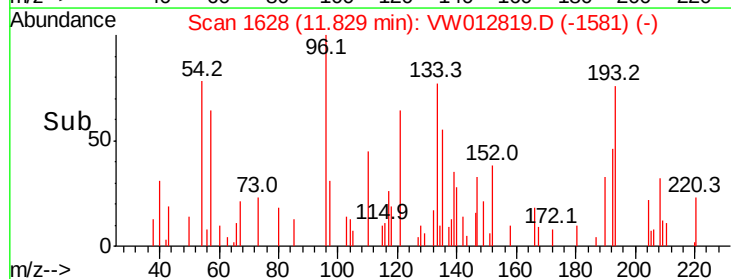
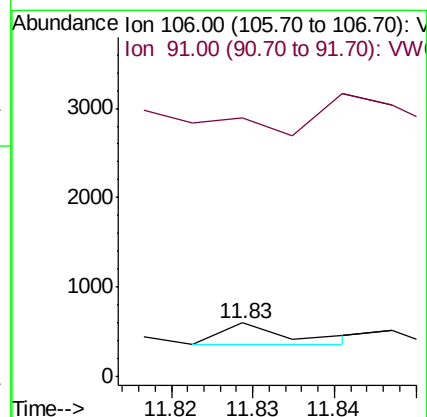
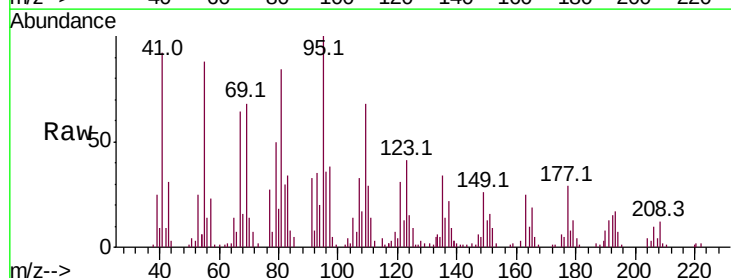
Acq: 09 Sep 2019 14:15

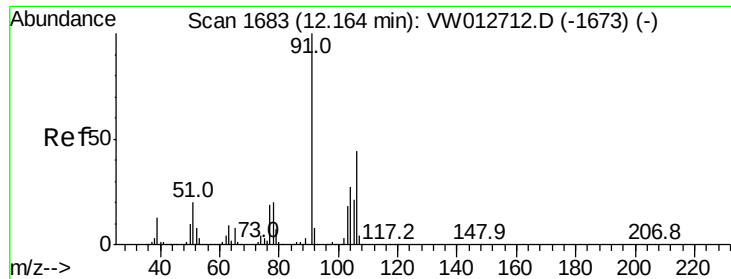
Tgt Ion: 106 Resp: 148

Ion Ratio Lower Upper

106 100

91 652.0 168.2 252.4#

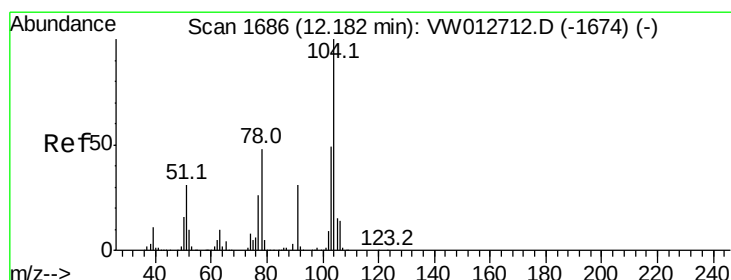
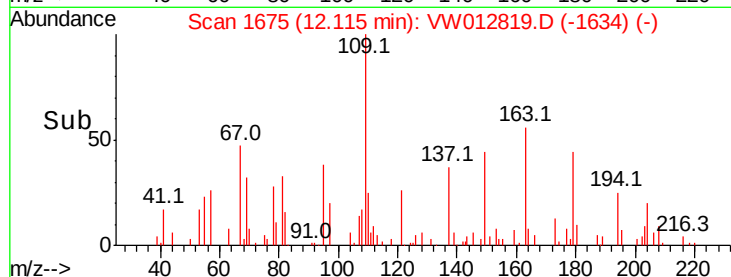
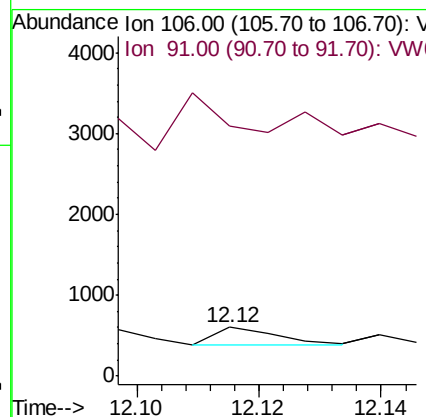
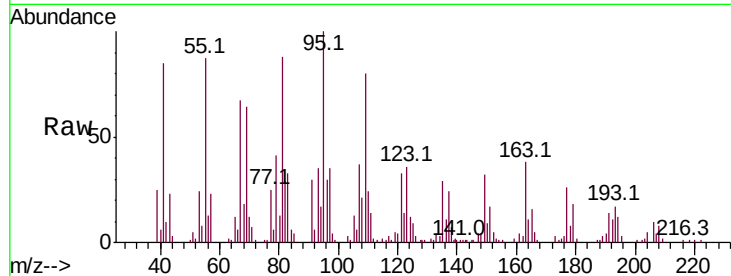




#69
o-Xylene
Concen: 1.923 ug/l
RT: 12.12 min Scan# 1675
Delta R.T. -0.05 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

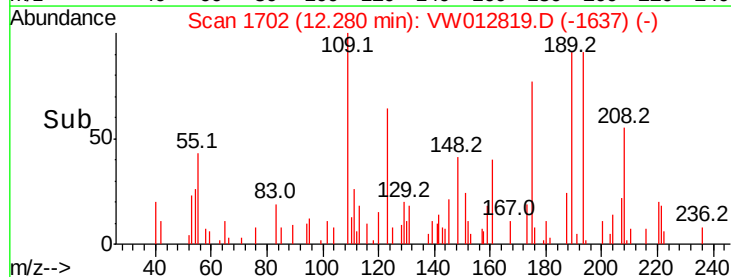
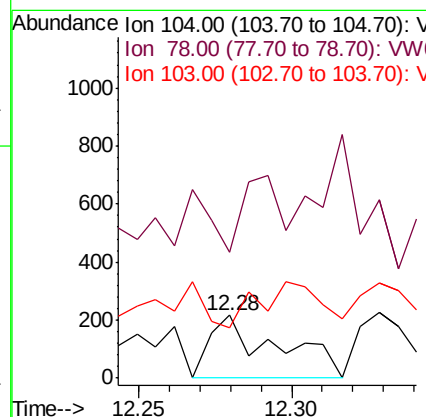
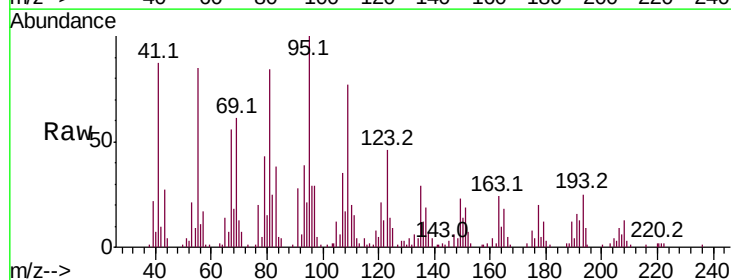
Instrument :
MSVOA_W
ClientSampled :

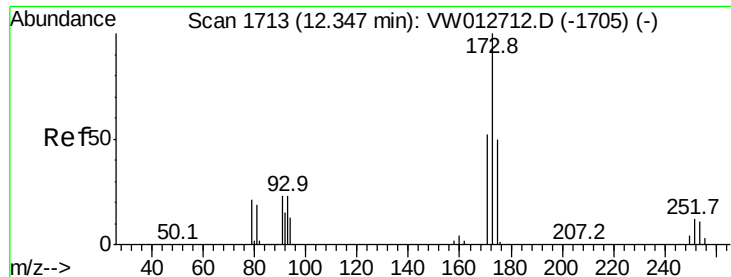
Tot Ion:106 Resp: 167
Ion Ratio Lower Upper
106 100
91 200.6 112.3 336.8



#70
Styrene
Concen: 2.164 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.10 min
Lab File: VW012819.D
Acq: 09 Sep 2019 14:15

Tgt Ion:104 Resp: 332
Ion Ratio Lower Upper
104 100
78 63.6 43.3 64.9
103 66.0 44.0 66.0





#71

Bromoform

Concen: 5.442 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

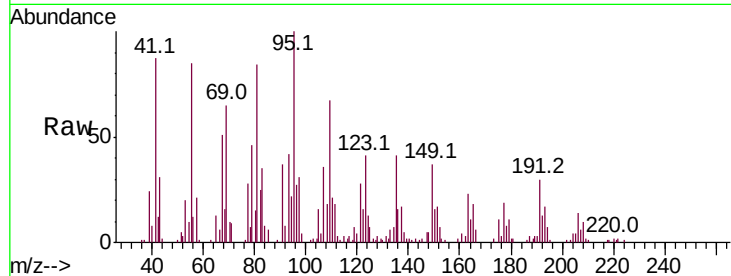
Tot Ion:173 Resp: 153

Ion Ratio Lower Upper

173 100

175 367.3 24.8 74.3#

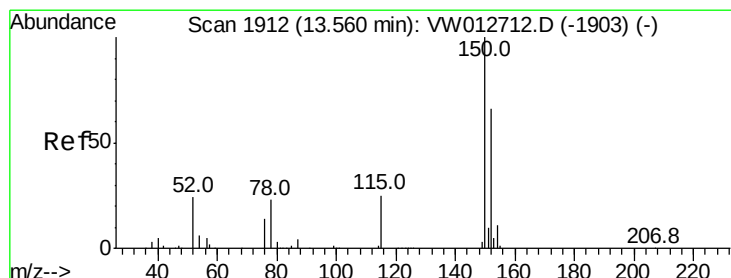
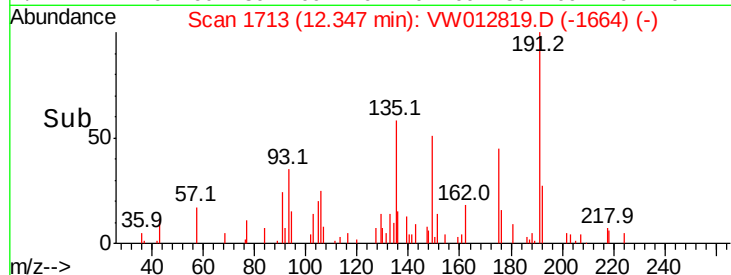
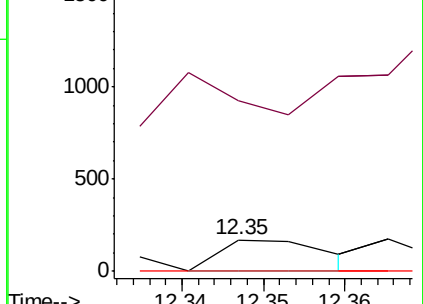
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1914

Delta R.T. 0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

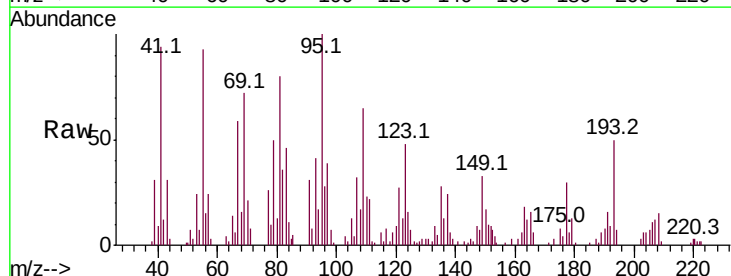
Tgt Ion:152 Resp: 1144

Ion Ratio Lower Upper

152 100

115 56.9 30.0 90.1

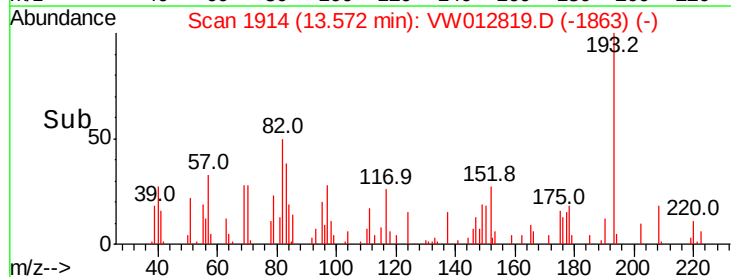
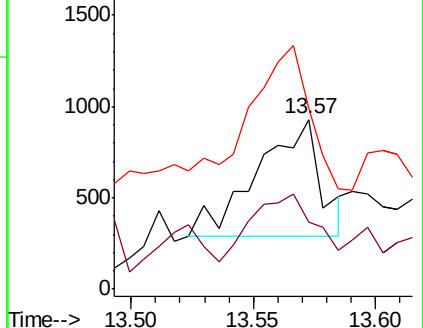
150 107.9 0.0 349.0

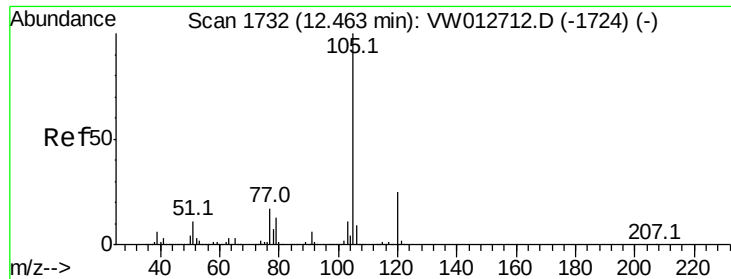


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 7.239 ug/l

RT: 12.43 min Scan# 1726

Delta R.T. -0.04 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

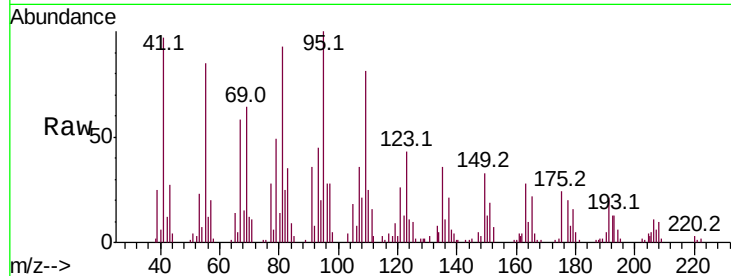
ClientSampleId :

Tot Ion:105 Resp: 594

Ion Ratio Lower Upper

105 100

120 32.3 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

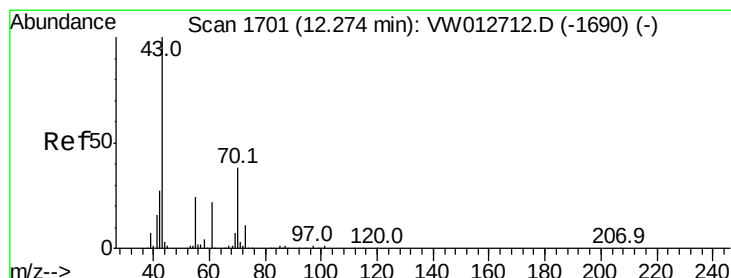
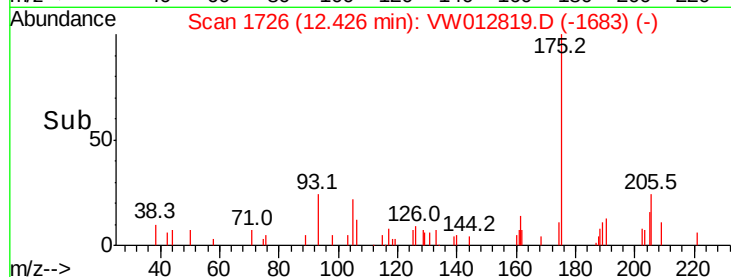
12.43

1000

500

0

Time-->



#74

N-ethyl acetate

Concen: 32.675 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Tgt Ion: 43 Resp: 851

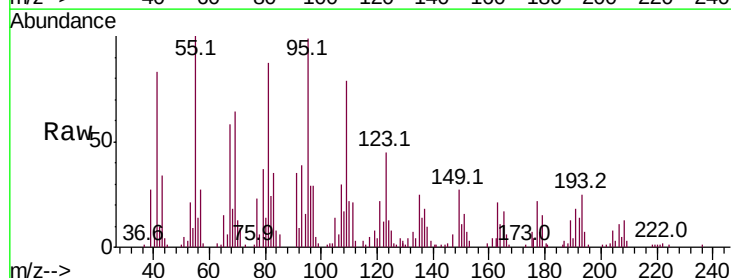
Ion Ratio Lower Upper

43 100

70 14.2 29.4 44.0#

55 115.6 18.6 27.8#

61 0.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

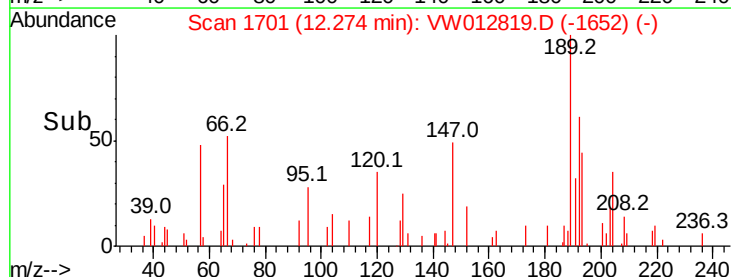
Ion 61.00 (60.70 to 61.70): VW

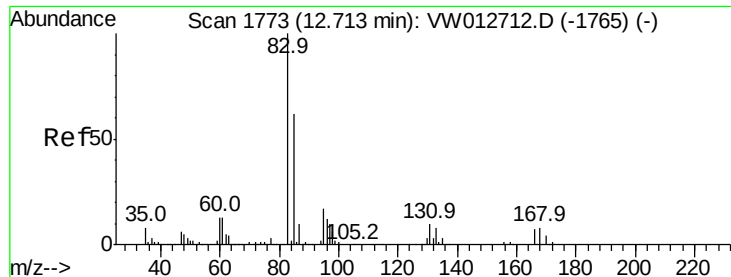
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 43.512 ug/l

RT: 12.78 min Scan# 1784

Delta R.T. 0.07 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

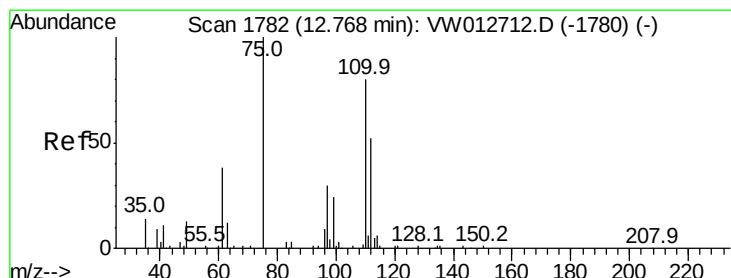
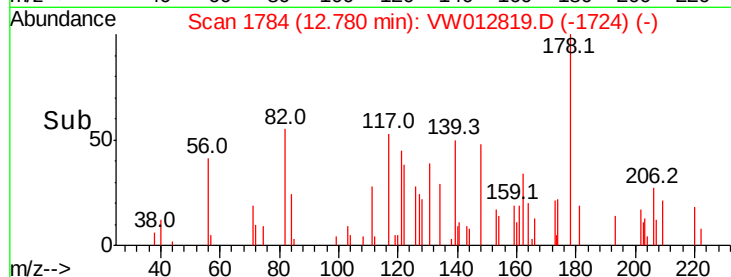
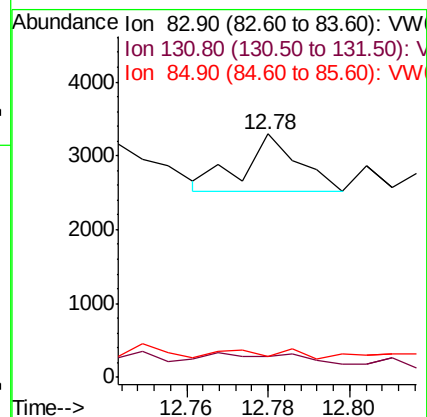
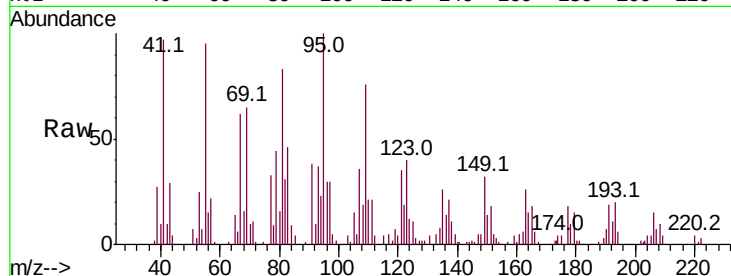
Tot Ion: 83 Resp: 717

Ion Ratio Lower Upper

83 100

131 29.6 5.1 15.4#

85 15.8 31.4 94.2#



#76

1,2,3-Trichloropropane

Concen: 5.215 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.02 min

Lab File: VW012819.D

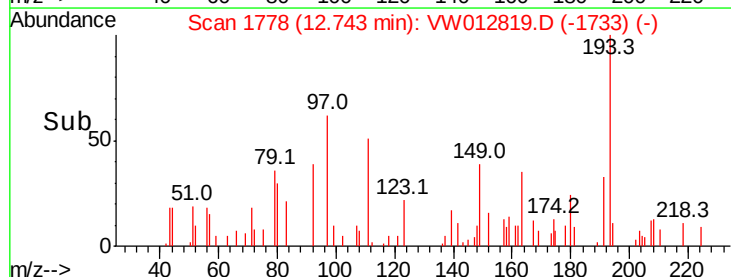
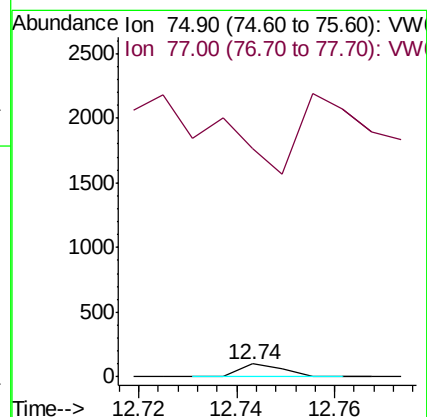
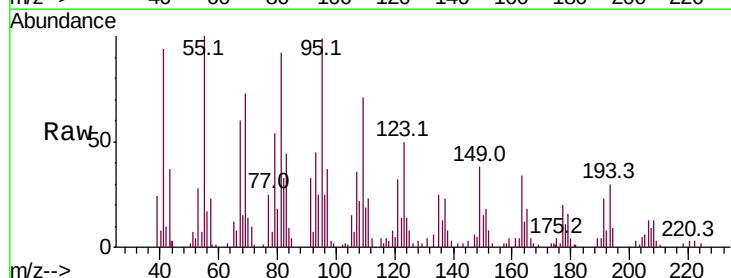
Acq: 09 Sep 2019 14:15

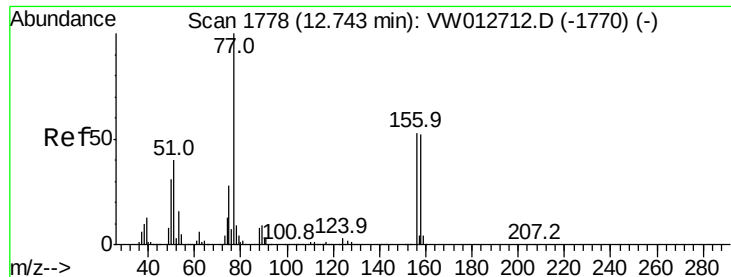
Tgt Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

77 1029.5 0.0 0.0#





#77

Bromobenzene

Concen: 2.959 ug/l

RT: 12.58 min Scan# 1751

Delta R.T. -0.16 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

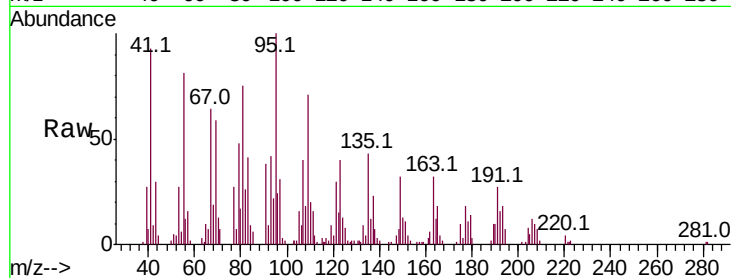
Tot Ion:156 Resp: 55

Ion Ratio Lower Upper

156 100

77 1390.9 102.3 306.9#

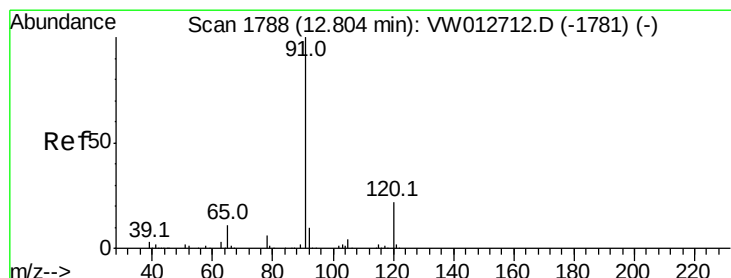
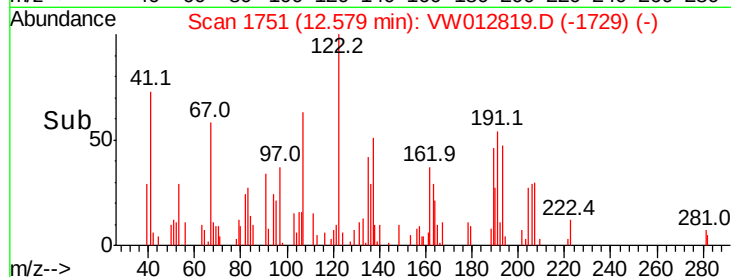
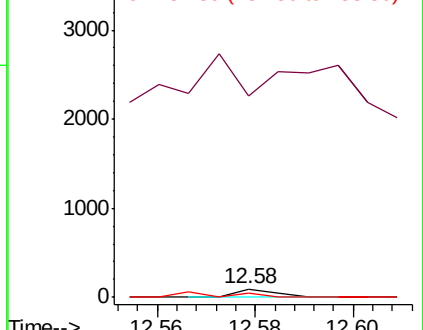
158 76.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 3.332 ug/l

RT: 12.82 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VW012819.D

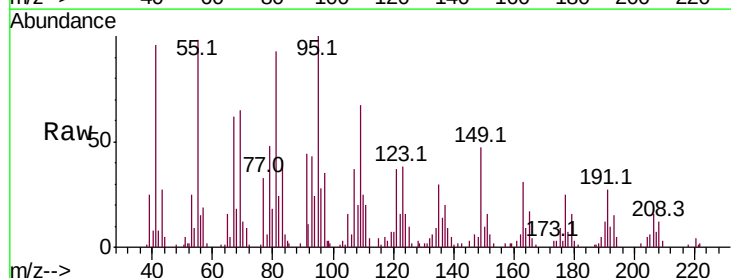
Acq: 09 Sep 2019 14:15

Tgt Ion: 91 Resp: 327

Ion Ratio Lower Upper

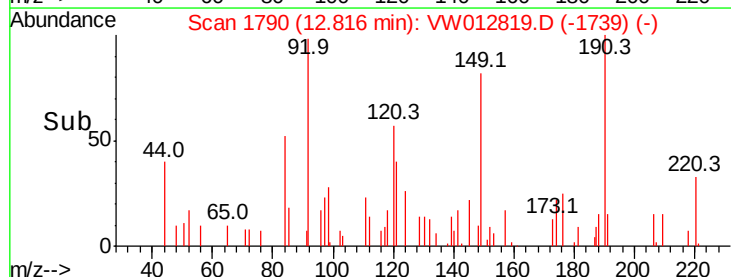
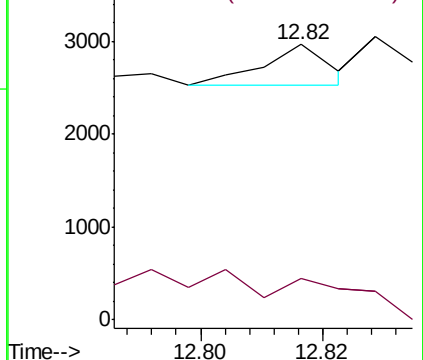
91 100

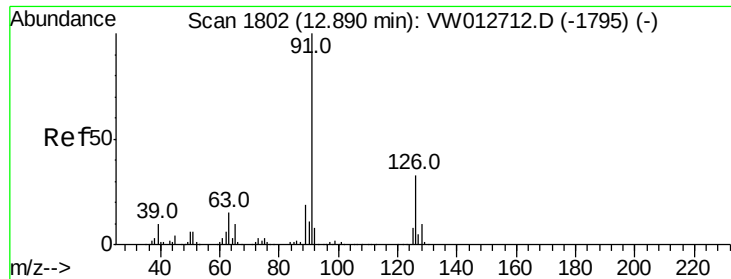
120 0.0 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 7.367 ug/l

RT: 12.91 min Scan# 1805

Delta R.T. 0.02 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

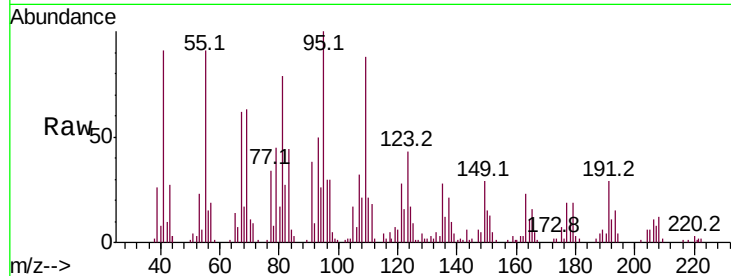
ClientSampled :

Tot Ion: 91 Resp: 415

Ion Ratio Lower Upper

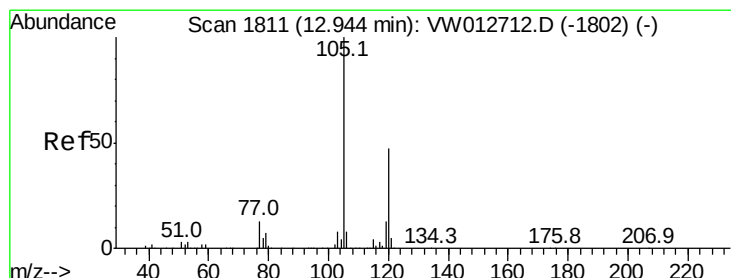
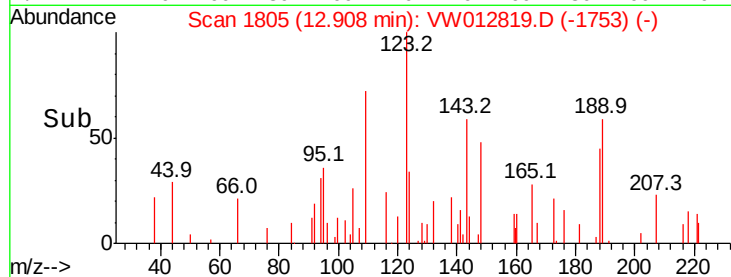
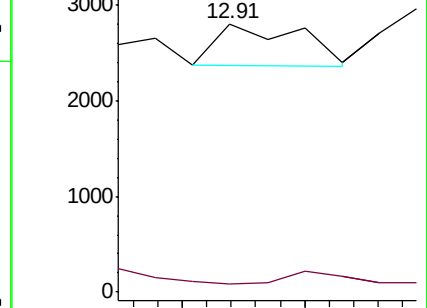
91 100

126 40.0 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 13.914 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.05 min

Lab File: VW012819.D

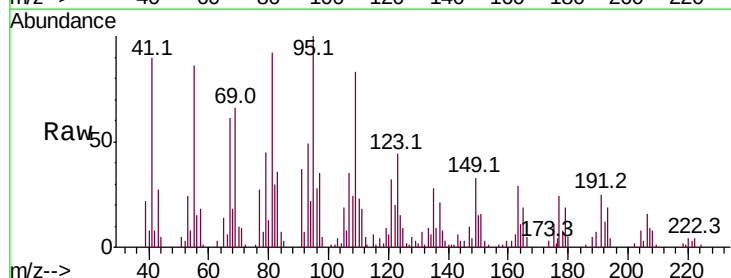
Acq: 09 Sep 2019 14:15

Tgt Ion: 105 Resp: 962

Ion Ratio Lower Upper

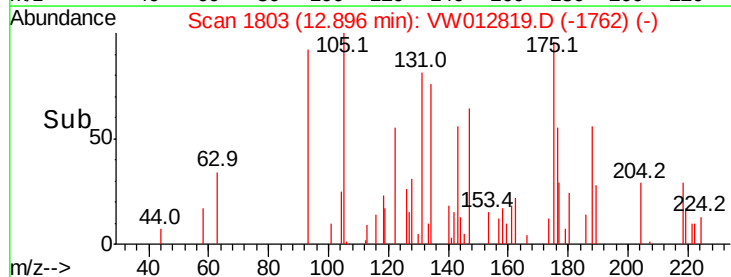
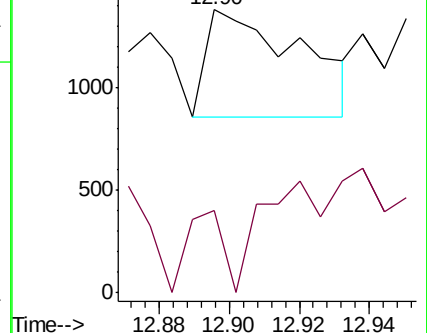
105 100

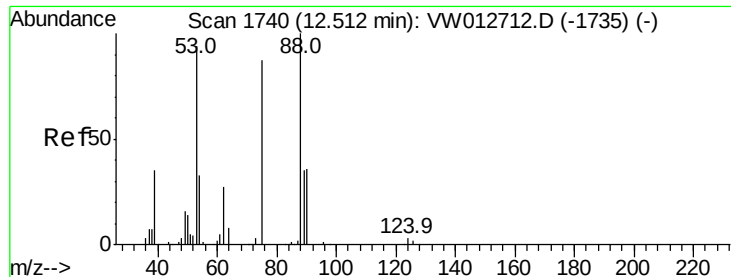
120 29.0 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 11.572 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

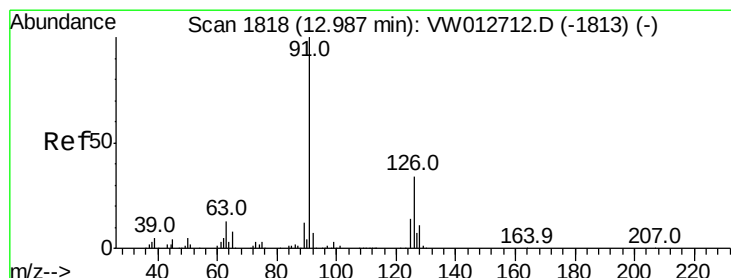
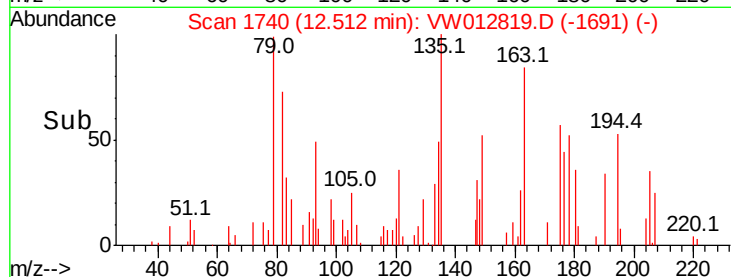
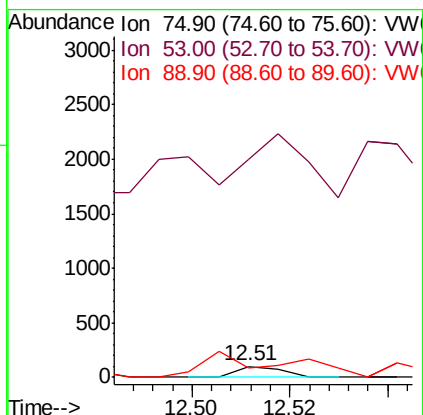
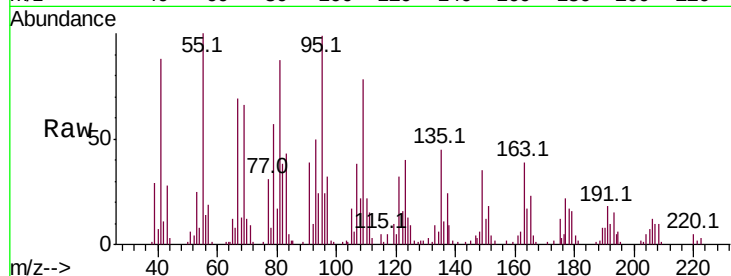
Tot Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

53 732.8 87.6 131.4#

89 417.2 35.5 53.3#



#82

4-Chlorotoluene

Concen: 14.231 ug/l

RT: 13.04 min Scan# 1827

Delta R.T. 0.05 min

Lab File: VW012819.D

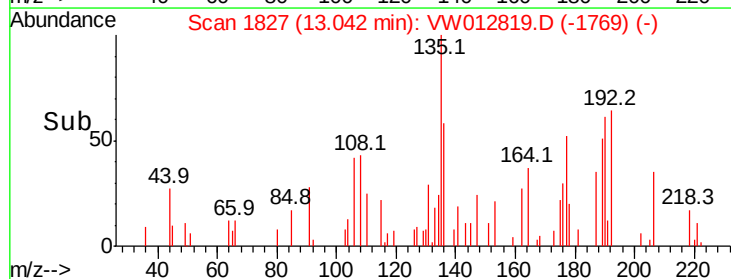
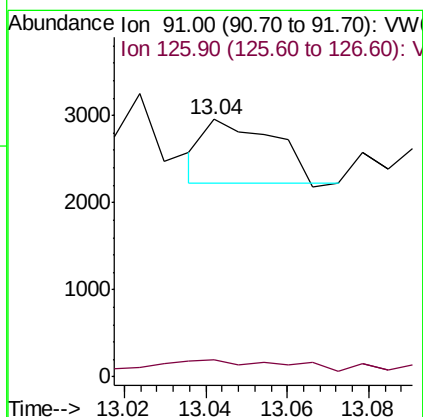
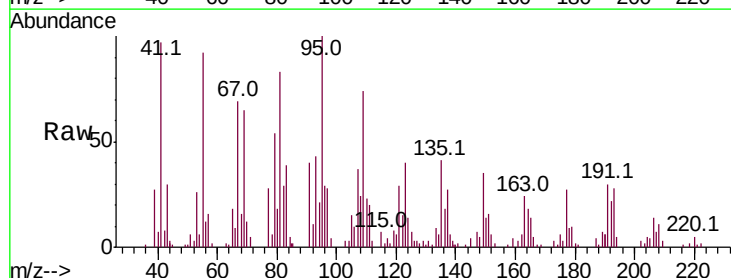
Acq: 09 Sep 2019 14:15

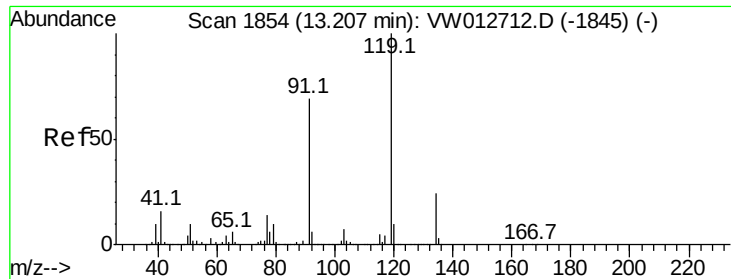
Tgt Ion: 91 Resp: 848

Ion Ratio Lower Upper

91 100

126 29.7 15.9 47.6





#83

tert-Butylbenzene

Concen: 8.310 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

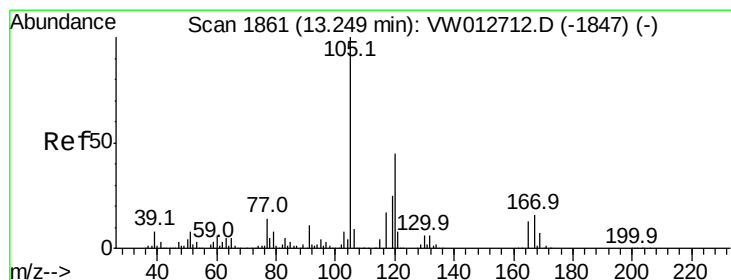
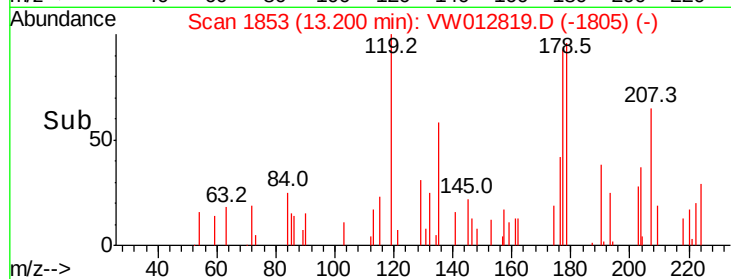
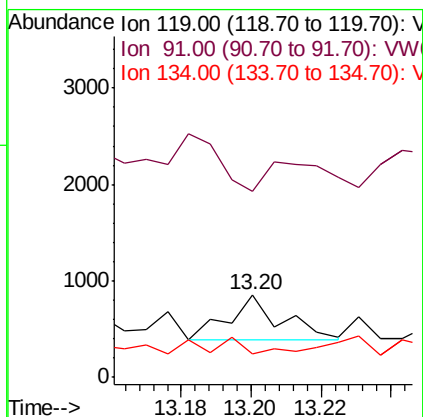
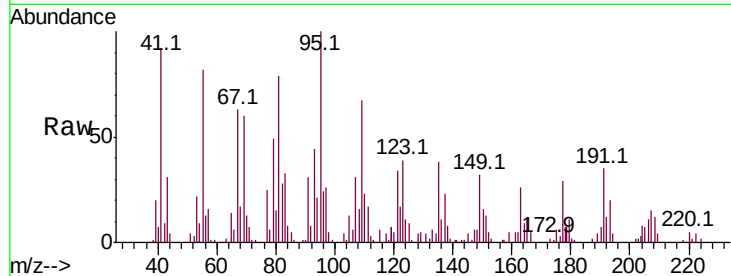
Tot Ion:119 Resp: 508

Ion Ratio Lower Upper

119 100

91 79.5 34.2 102.5

134 0.0 12.3 36.9#



#84

1,2,4-Trimethylbenzene

Concen: 8.899 ug/l

RT: 13.34 min Scan# 1876

Delta R.T. 0.09 min

Lab File: VW012819.D

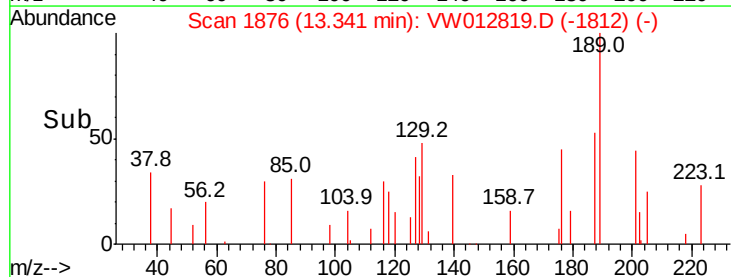
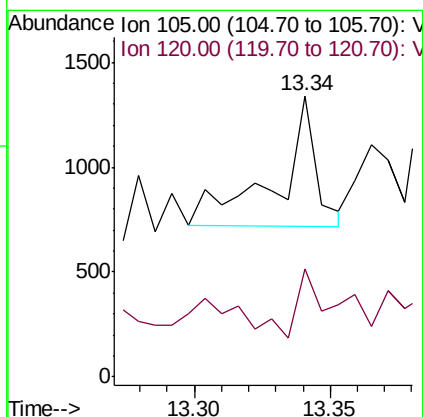
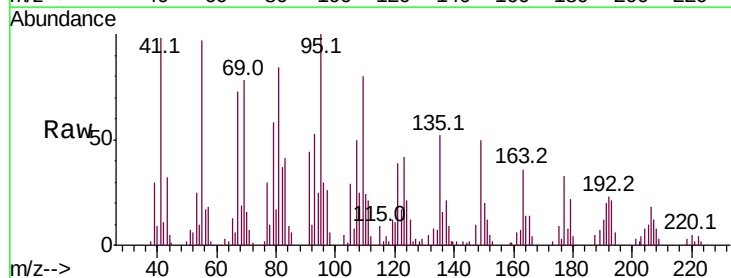
Acq: 09 Sep 2019 14:15

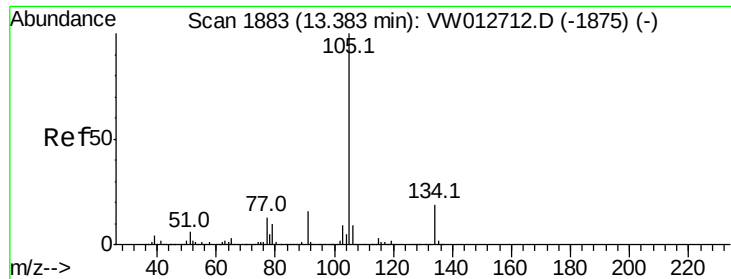
Tgt Ion:105 Resp: 620

Ion Ratio Lower Upper

105 100

120 35.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 3.195 ug/l

RT: 13.37 min Scan# 1880

Delta R.T. -0.02 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

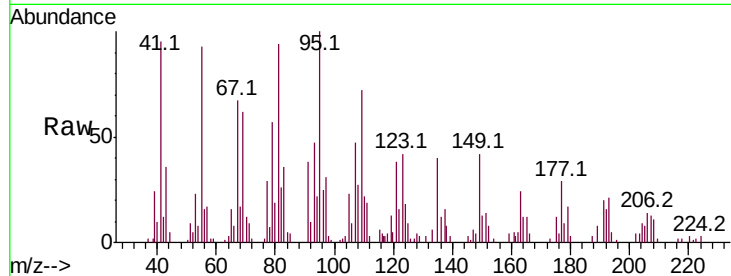
ClientSampled :

Tot Ion:105 Resp: 271

Ion Ratio Lower Upper

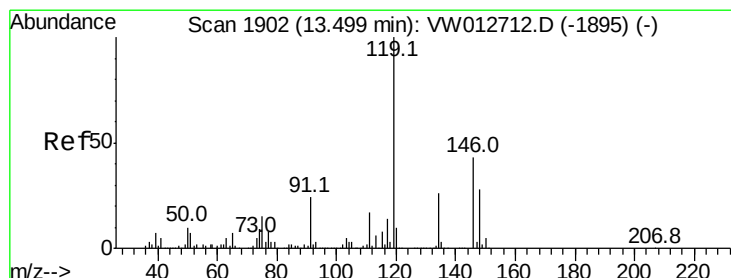
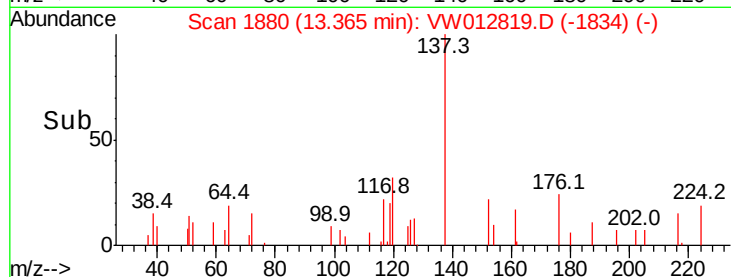
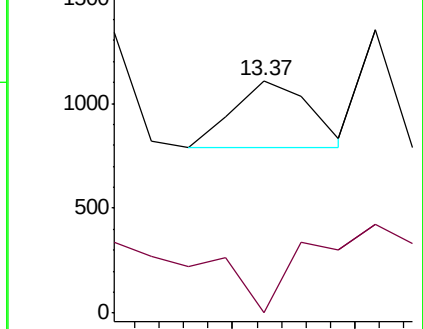
105 100

134 223.6 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.317 ug/l

RT: 13.48 min Scan# 1899

Delta R.T. -0.02 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

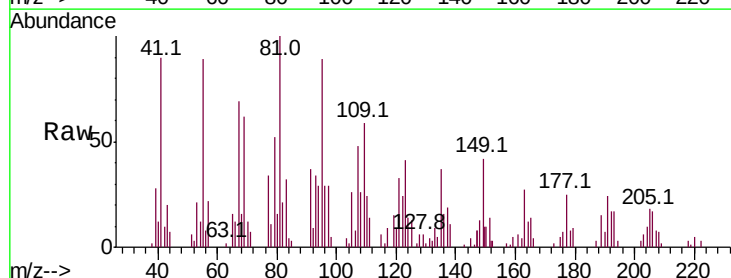
Tgt Ion:119 Resp: 412

Ion Ratio Lower Upper

119 100

134 0.0 12.7 38.1#

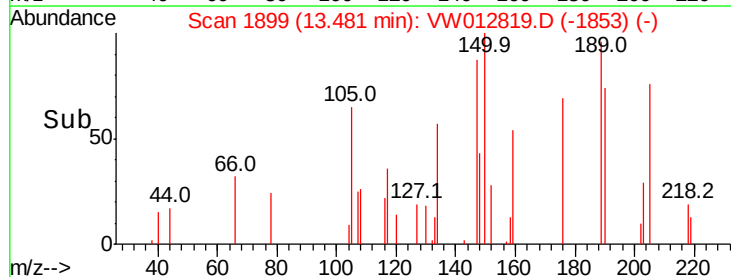
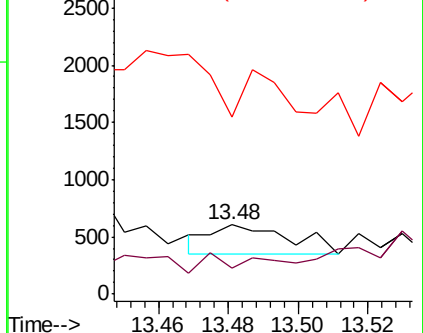
91 71.4 12.2 36.6#

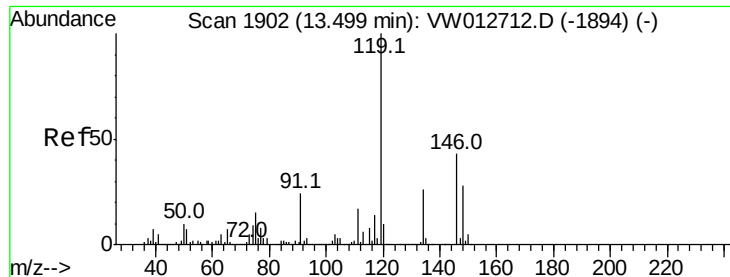


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 2.326 ug/l

RT: 13.47 min Scan# 1897

Delta R.T. -0.03 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

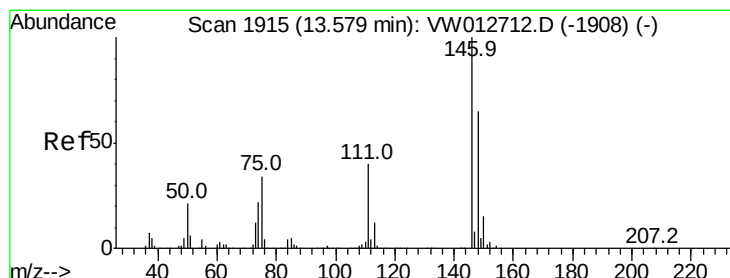
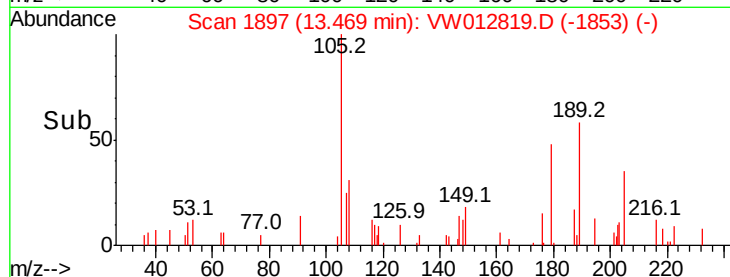
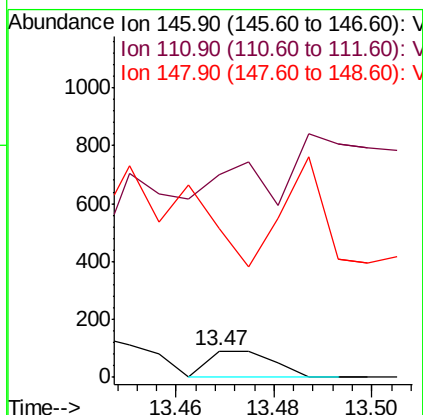
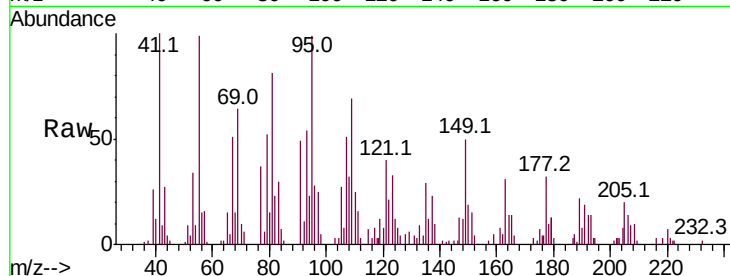
Tot Ion:146 Resp: 85

Ion Ratio Lower Upper

146 100

111 1407.1 20.4 61.2#

148 809.4 31.8 95.4#



#88

1,4-Dichlorobenzene

Concen: 7.371 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

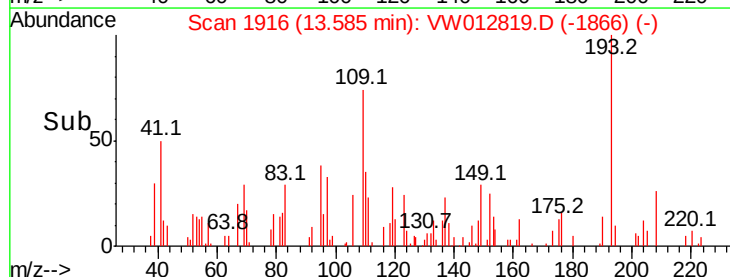
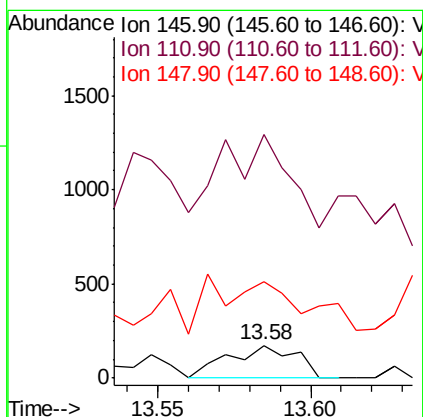
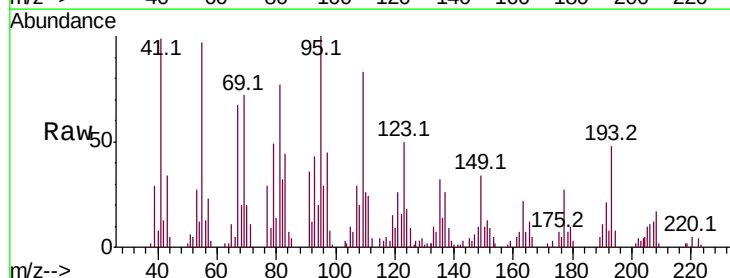
Tgt Ion:146 Resp: 268

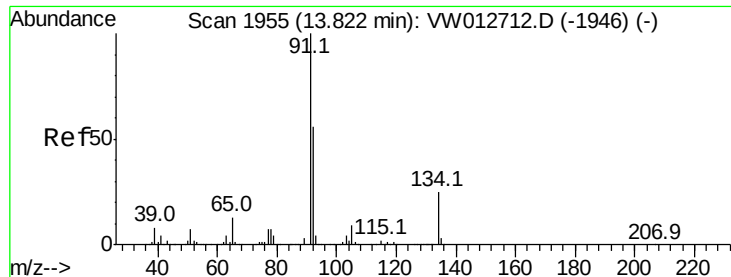
Ion Ratio Lower Upper

146 100

111 95.1 20.0 60.0#

148 309.0 32.2 96.6#





#89

n-Butylbenzene

Concen: 8.774 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.24 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

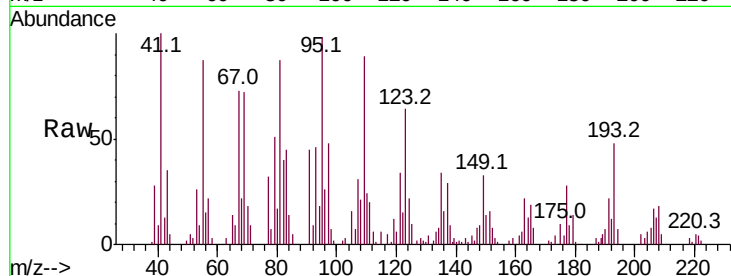
Tot Ion: 91 Resp: 660

Ion Ratio Lower Upper

91 100

92 64.5 27.2 81.5

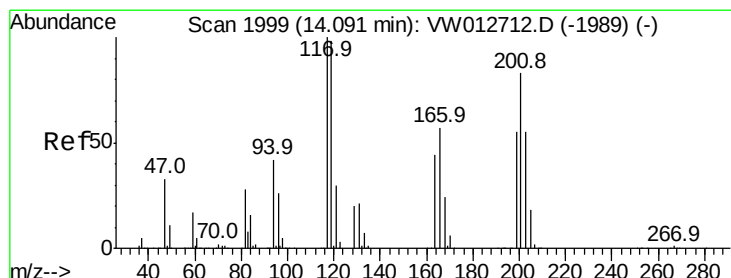
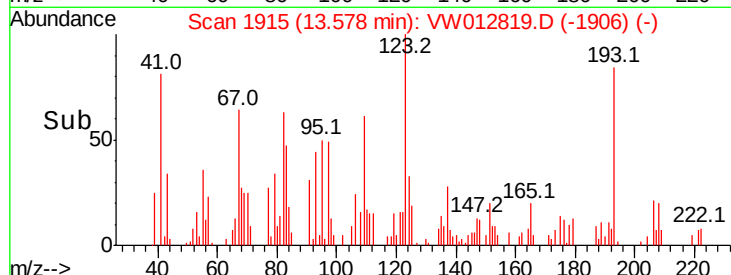
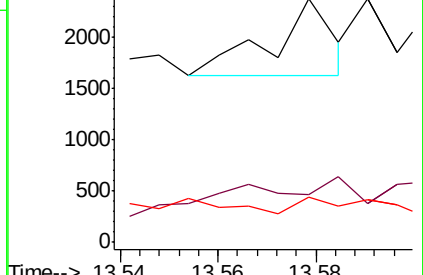
134 31.2 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 14.859 ug/l

RT: 13.92 min Scan# 1971

Delta R.T. -0.17 min

Lab File: VW012819.D

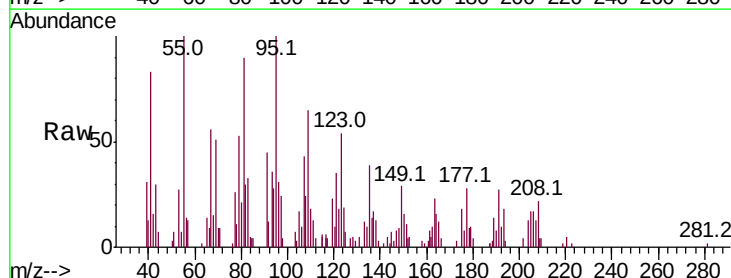
Acq: 09 Sep 2019 14:15

Tgt Ion: 117 Resp: 201

Ion Ratio Lower Upper

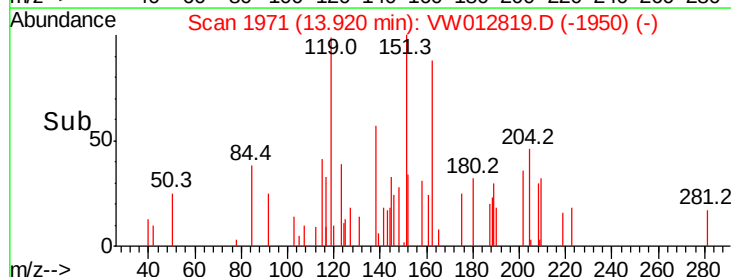
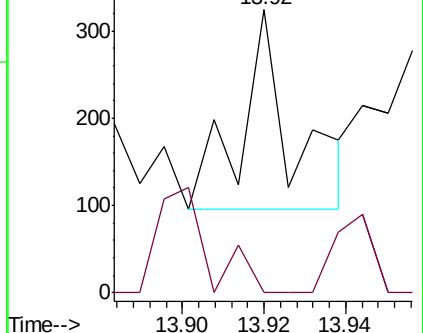
117 100

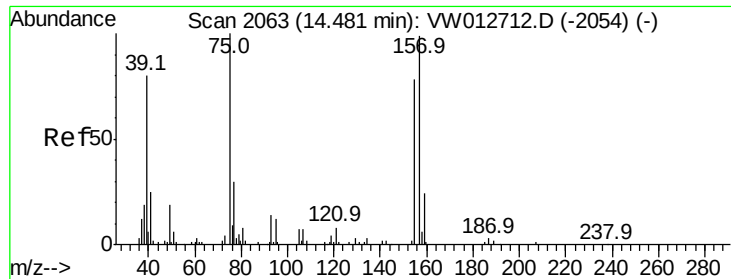
201 51.2 42.8 128.4



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: 6.301 ug/l

RT: 14.41 min Scan# 2052

Delta R.T. -0.07 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

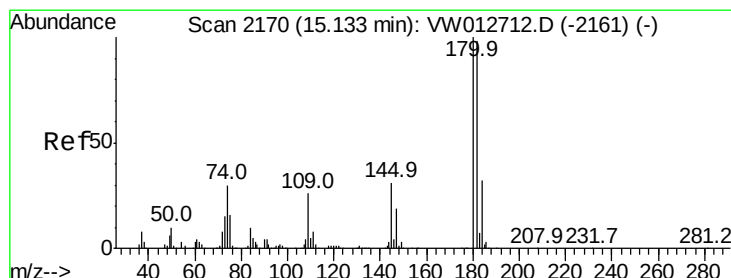
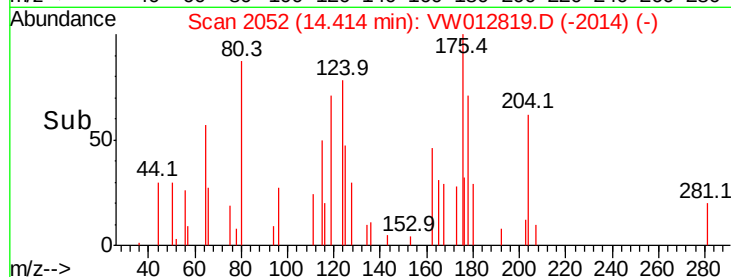
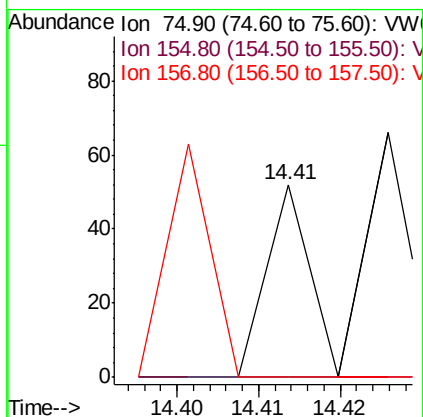
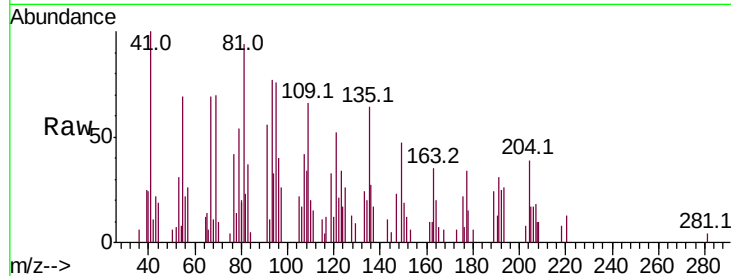
Tot Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

155 0.0 40.6 122.0#

157 121.1 52.5 157.5



#93

1,2,4-Trichlorobenzene

Concen: 31.751 ug/l

RT: 15.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

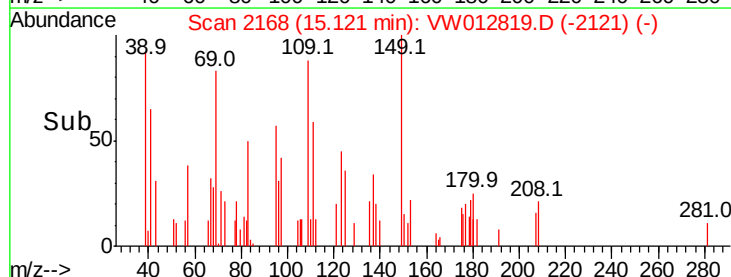
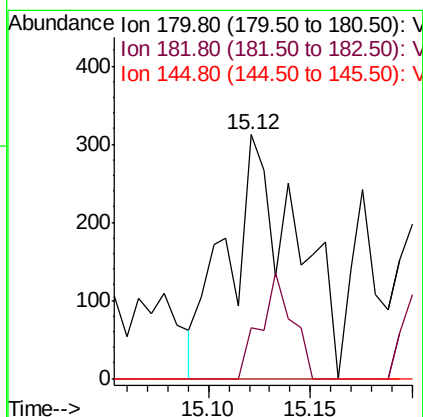
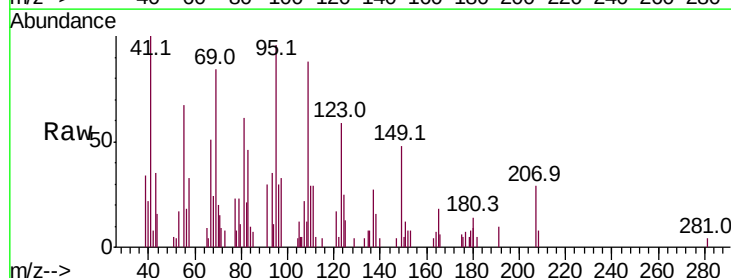
Tgt Ion: 180 Resp: 727

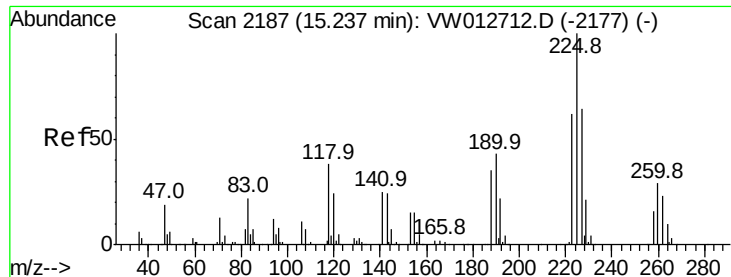
Ion Ratio Lower Upper

180 100

182 20.4 48.7 146.1#

145 0.0 15.0 45.1#





#94

Hexachlorobutadiene

Concen: 1.199 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. 0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

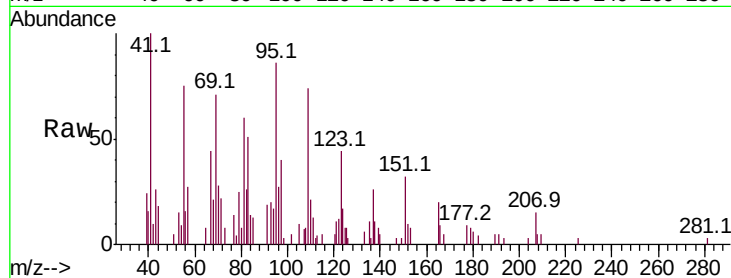
Tot Ion:225 Resp: 19

Ion Ratio Lower Upper

225 100

223 0.0 31.1 93.3#

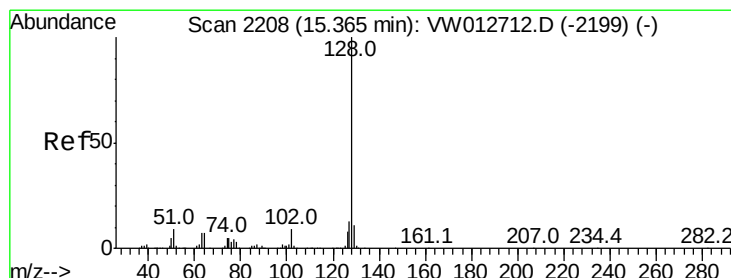
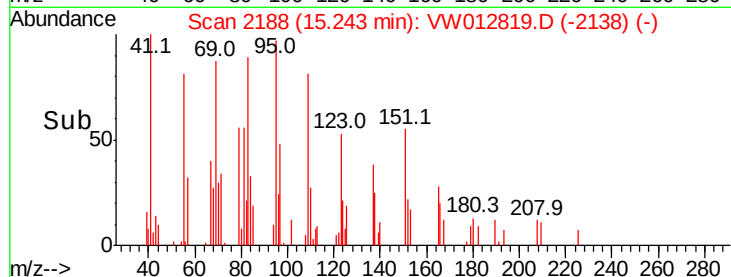
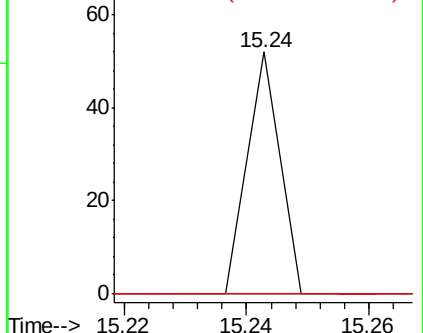
227 0.0 31.4 94.2#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.559 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW012819.D

Acq: 09 Sep 2019 14:15

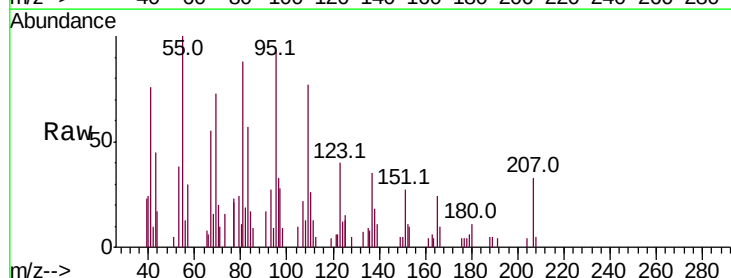
Tgt Ion:128 Resp: 59

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

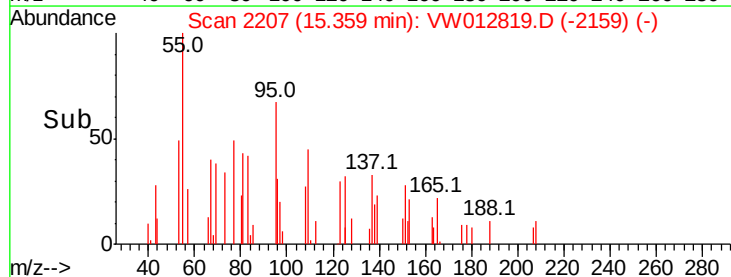
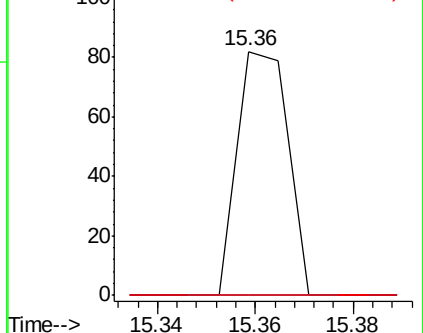
129 0.0 8.7 13.1#

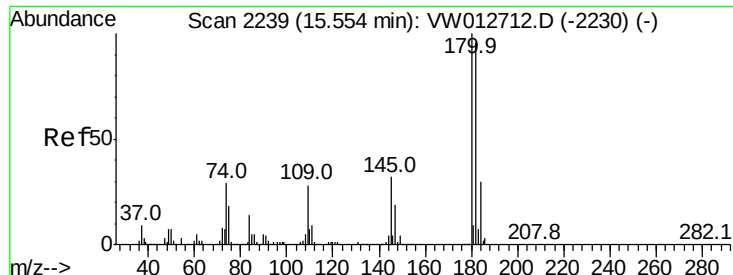


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 35.328 ug/l
 RT: 15.52 min Scan# 2234
 Delta R.T. -0.03 min
 Lab File: VW012819.D
 Acq: 09 Sep 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	4.9	47.8	143.3#
145	0.0	15.4	46.2#

