

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005123.D
 Acq On : 05 Sep 2018 11:29
 Operator : SY/AP
 Sample : J4726-01
 Misc : 7.27G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 12:09:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	88958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	152131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	81276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33726	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	35699	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	7.89	113	31143	35.42	ug/l	0.00
Spiked Amount			Recovery	=	70.84%	
50) Toluene-d8	10.33	98	101888	25.15	ug/l	0.00
Spiked Amount			Recovery	=	50.30%	
62) 4-Bromofluorobenzene	12.62	95	34235	23.97	ug/l	0.00
Spiked Amount			Recovery	=	47.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	338	Below Cal	#	27
10) Methyl Iodide	4.28	142	68	3.872	ug/l #	44
11) Tert butyl alcohol	5.19	59	5460	125.112	ug/l #	72
13) Acrolein	3.90	56	142	2.967	ug/l #	22
15) Acrylonitrile	5.43	53	778	4.480	ug/l #	30
16) Acetone	4.14	43	72856	492.641	ug/l	95
17) Carbon Disulfide	4.37	76	18918	7.548	ug/l	100
18) Methyl Acetate	4.69	43	3229	7.422	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	1887	1.080	ug/l #	1
20) Methylene Chloride	4.92	84	18039	15.359	ug/l	89
25) 2-Butanone	7.18	43	20740	80.854	ug/l	95
26) 2,2-Dichloropropane	7.15	77	3487	2.869	ug/l #	51
29) Tetrahydrofuran	7.54	42	3424	26.124	ug/l	94
31) Cyclohexane	7.95	56	35757	24.689	ug/l #	94
36) 1,1-Dichloropropene	7.95	75	6576	4.539	ug/l #	48
37) Ethyl Acetate	7.18	43	20740	38.276	ug/l #	67
38) Carbon Tetrachloride	7.95	117	7616	5.528	ug/l #	15
39) Methylcyclohexane	9.34	83	90215	51.486	ug/l	94
40) Benzene	8.33	78	9371	2.113	ug/l	95
41) Methacrylonitrile	7.54	41	2549	8.119	ug/l #	46
43) Isopropyl Acetate	8.42	43	6412	6.503	ug/l #	48
47) Bromodichloromethane	9.62	83	3029	2.322	ug/l #	32
48) Methyl methacrylate	9.47	41	2786	5.868	ug/l #	22
51) 4-Methyl-2-Pentanone	10.22	43	4104	6.211	ug/l #	83
52) Toluene	10.39	92	35558	11.831	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	47552	59.275	ug/l #	21
56) Ethyl methacrylate	10.67	69	13928	15.218	ug/l #	22
58) 2-Chloroethyl Vinyl ether	9.91	63	457	1.054	ug/l #	46
59) 2-Hexanone	10.84	43	97292	217.680	ug/l	65
65) Chlorobenzene	11.66	112	2651	1.449	ug/l	90
67) Ethyl Benzene	11.74	91	53231	17.209	ug/l	93
68) m/p-Xylenes	11.84	106	112254	90.637	ug/l	98
69) o-Xylene	12.17	106	63483	55.440	ug/l	97
70) Styrene	12.17	104	5211	2.755	ug/l #	1

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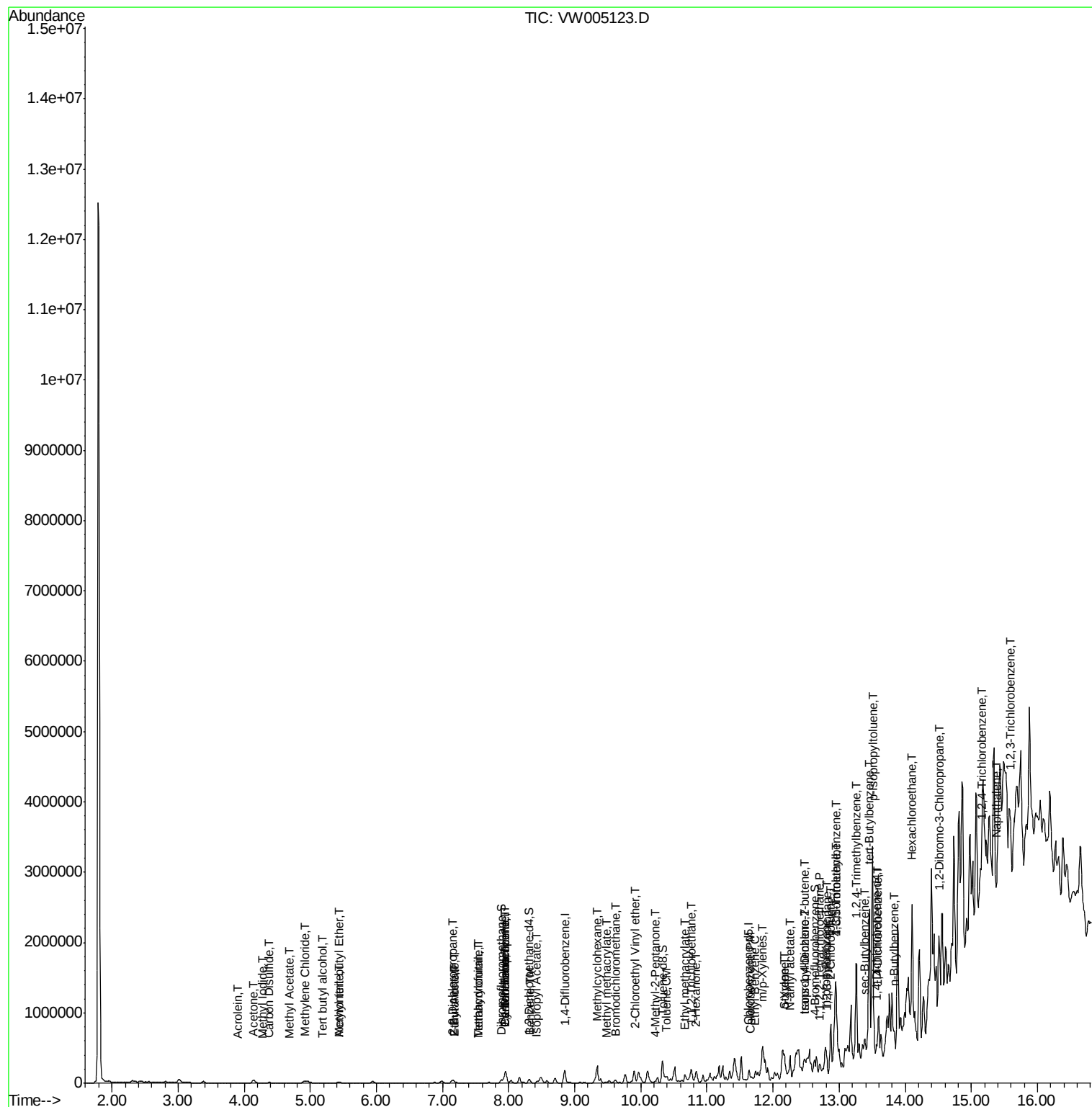
73) Isopropylbenzene	12.47	105	83204	34.988	uq/l	99
74) N-amyl acetate	12.26	43	72353	176.700	uq/l #	56
75) 1,1,2,2-Tetrachloroethane	12.69	83	5472	15.115	uq/l #	26
76) 1,2,3-Trichloropropane	12.82	75	1231	4.863	uq/l #	100
78) n-propylbenzene	12.81	91	193400	67.369	uq/l	100
79) 2-Chlorotoluene	12.87	91	49693	29.670	uq/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	323302	157.211	uq/l	99
81) trans-1,4-Dichloro-2-buten	12.47	75	1121	10.658	uq/l #	1
82) 4-Chlorotoluene	12.95	91	43781	24.755	uq/l #	48
83) tert-Butylbenzene	13.45	119	114051	66.410	uq/l	80
84) 1,2,4-Trimethylbenzene	13.26	105	821913	392.437	uq/l	100
85) sec-Butylbenzene	13.39	105	132363	52.444	uq/l #	75
86) p-Isopropyltoluene	13.51	119	1607085	719.331	uq/l	100
88) 1,4-Dichlorobenzene	13.58	146	3304	2.767	uq/l #	1
89) n-Butylbenzene	13.83	91	159659	77.110	uq/l #	78
90) Hexachloroethane	14.10	117	78080	210.399	uq/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2347	41.487	uq/l #	16
93) 1,2,4-Trichlorobenzene	15.15	180	7964	11.322	uq/l #	1
95) Naphthalene	15.38	128	103052	81.982	uq/l #	77
96) 1,2,3-Trichlorobenzene	15.59	180	79429	131.943	uq/l #	12

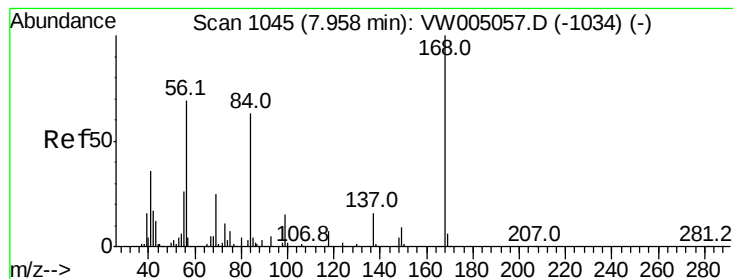
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

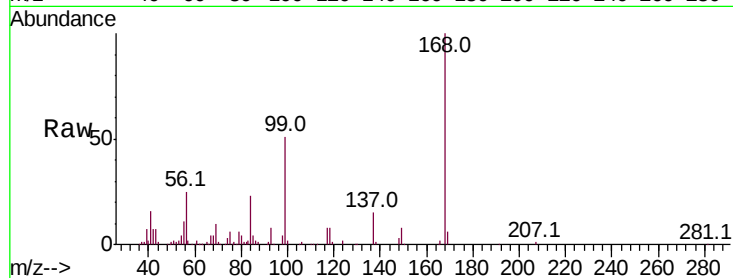
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 88958

Ion Ratio Lower Upper

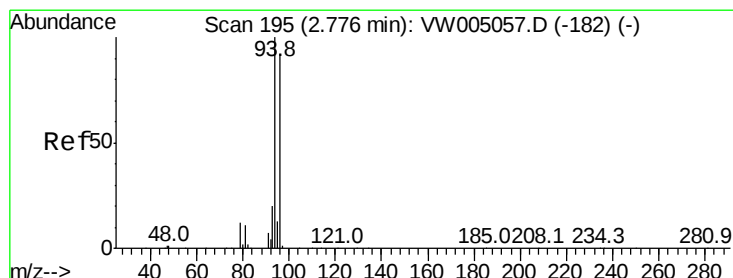
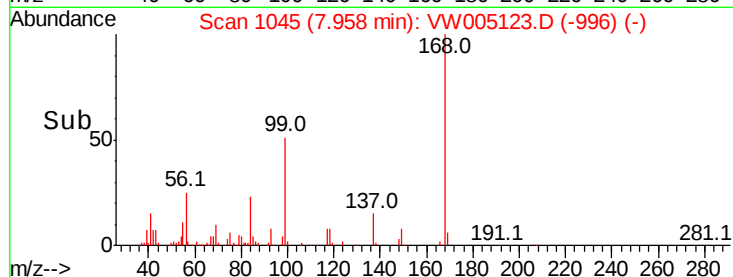
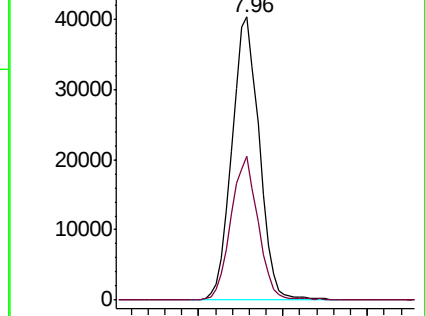
168 100

99 50.9 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW005123.D

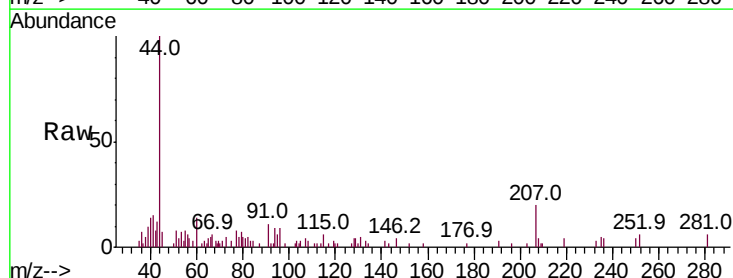
Acq: 05 Sep 2018 11:29

Tgt Ion: 94 Resp: 338

Ion Ratio Lower Upper

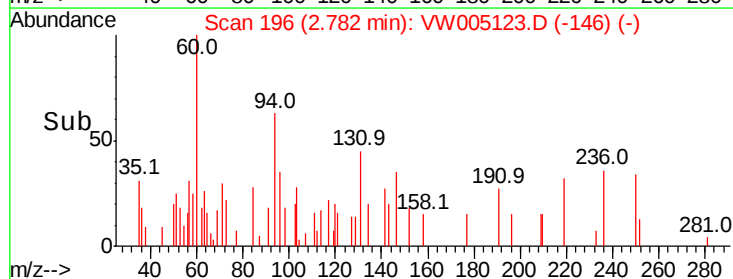
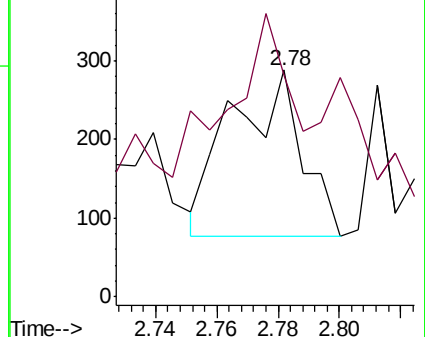
94 100

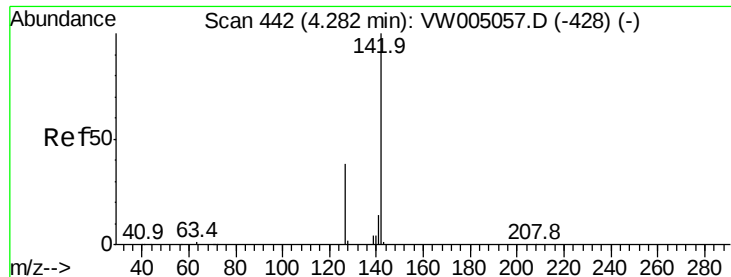
96 21.8 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW





#10

Methyl Iodide

Concen: 3.872 ug/l

RT: 4.28 min Scan# 442

Delta R.T. 0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :
MSVOA_W
ClientSampled :

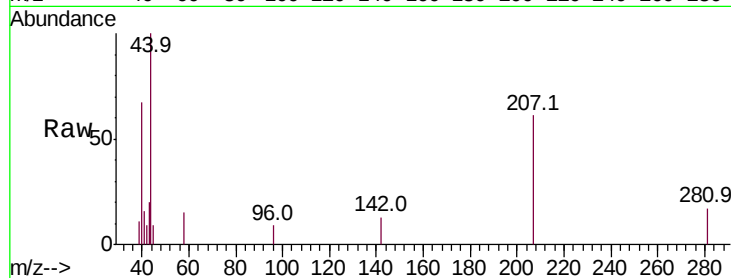
Tot Ion:142 Resp: 68

Ion Ratio Lower Upper

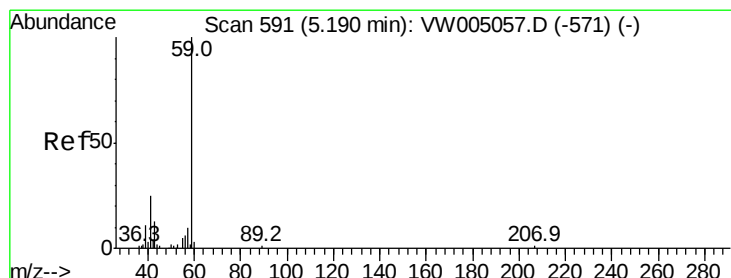
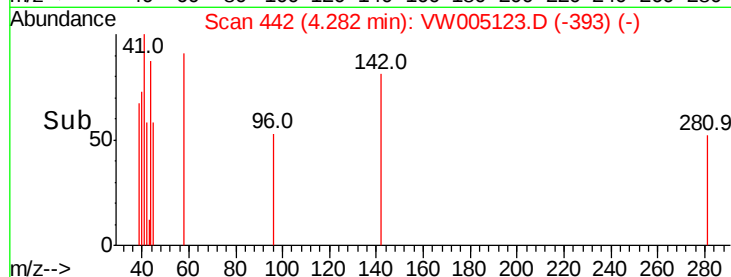
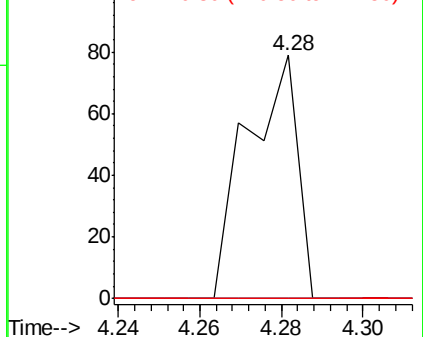
142 100

127 0.0 30.8 46.2#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 125.112 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.00 min

Lab File: VW005123.D

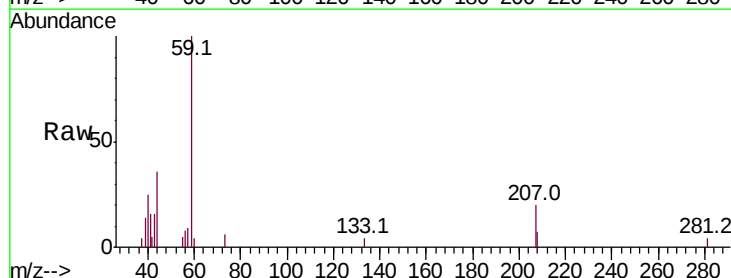
Acq: 05 Sep 2018 11:29

Tgt Ion: 59 Resp: 5460

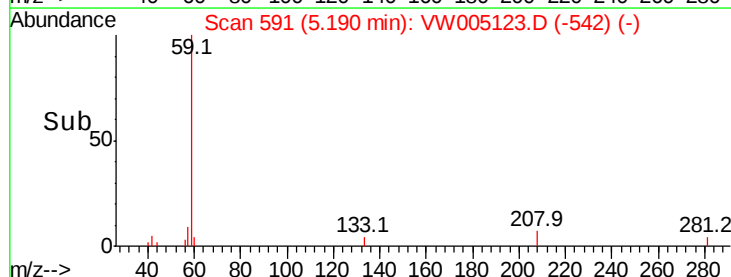
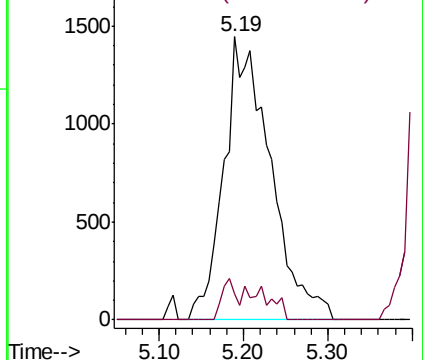
Ion Ratio Lower Upper

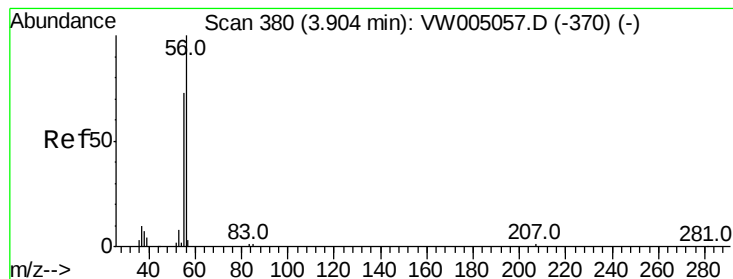
59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 2.967 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

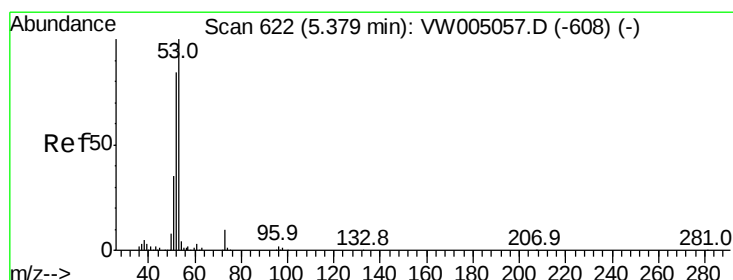
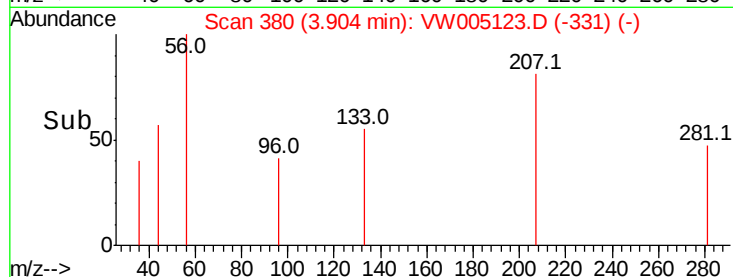
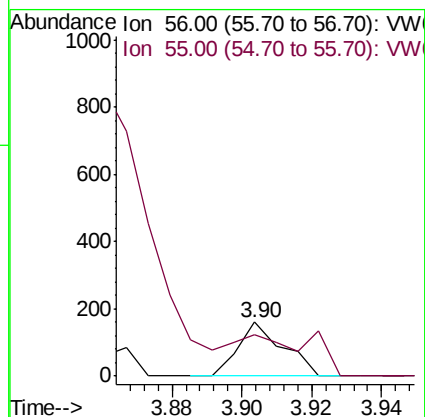
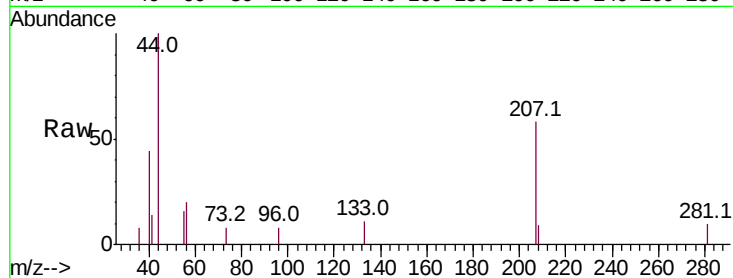
ClientSampled :

Tot Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

55 138.0 58.1 87.1#



#15

Acrylonitrile

Concen: 4.480 ug/l

RT: 5.43 min Scan# 631

Delta R.T. 0.05 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

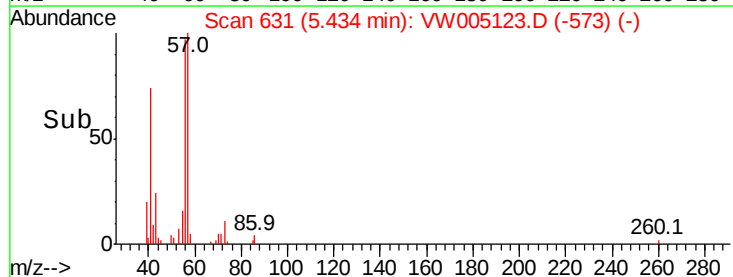
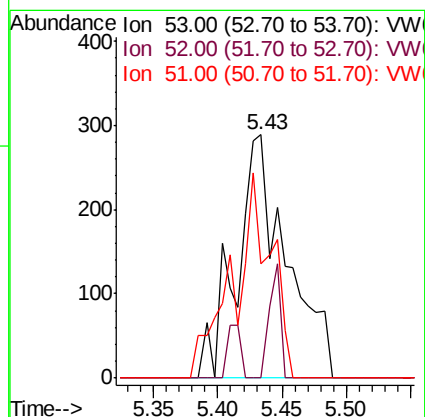
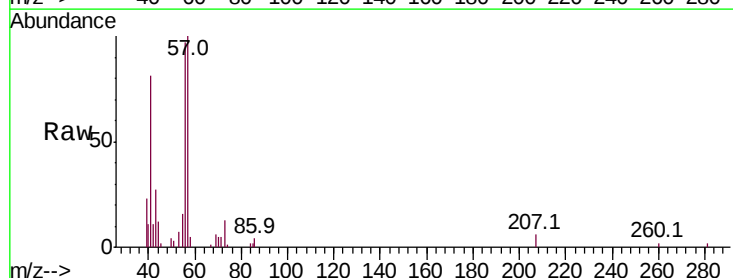
Tgt Ion: 53 Resp: 778

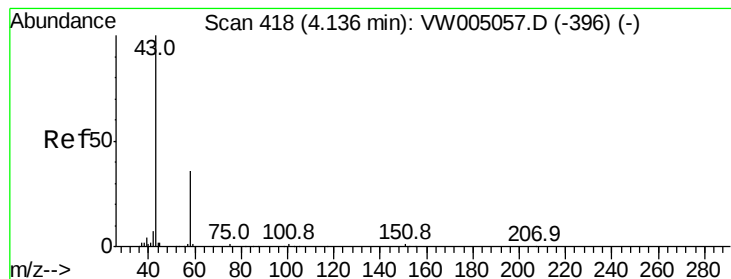
Ion Ratio Lower Upper

53 100

52 10.4 65.7 98.5#

51 63.6 28.8 43.2#





#16

Acetone

Concen: 492.641 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

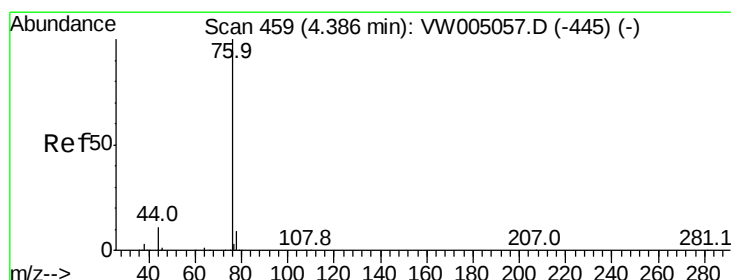
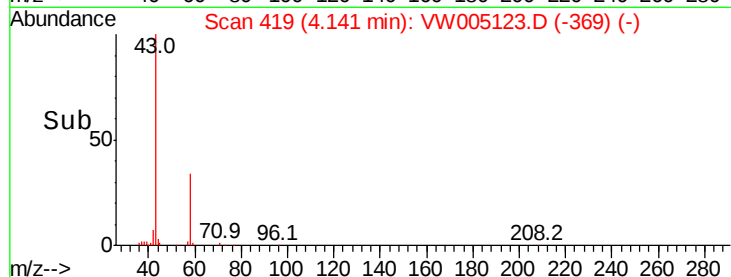
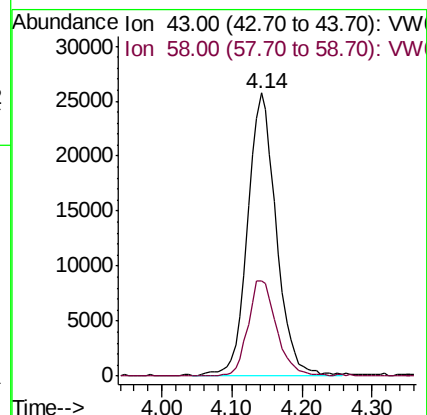
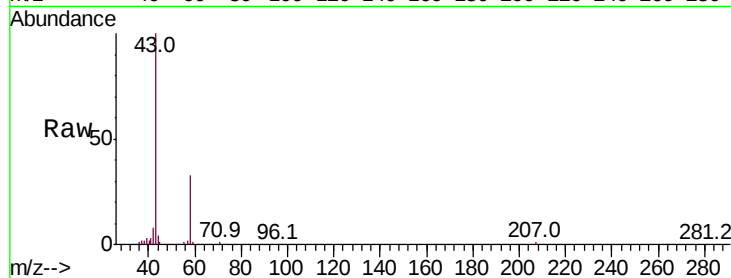
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 72856

Ion Ratio Lower Upper

43 100

58 33.5 29.0 43.6



#17

Carbon Disulfide

Concen: 7.548 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: VW005123.D

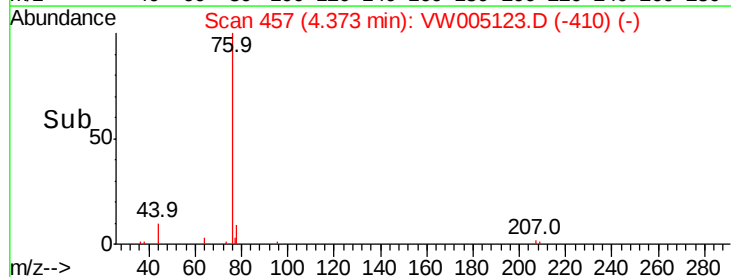
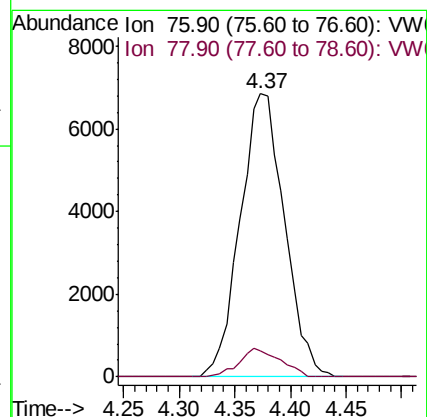
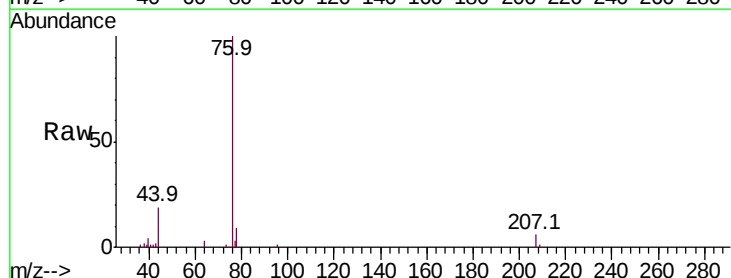
Acq: 05 Sep 2018 11:29

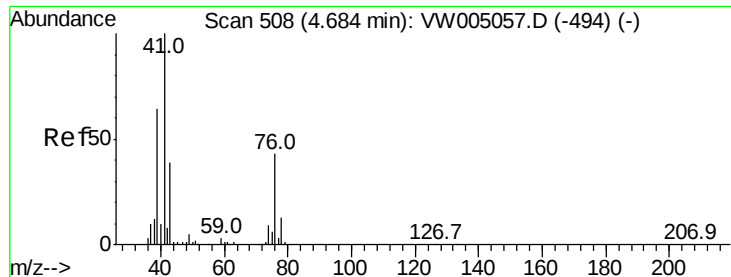
Tgt Ion: 76 Resp: 18918

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

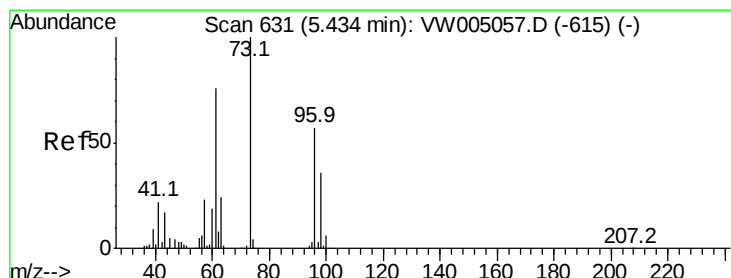
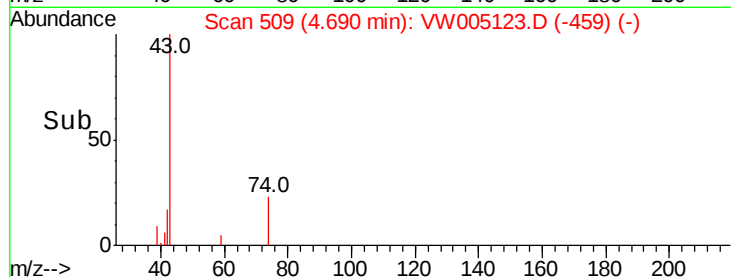
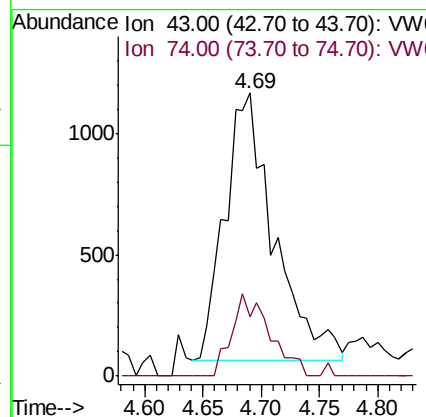
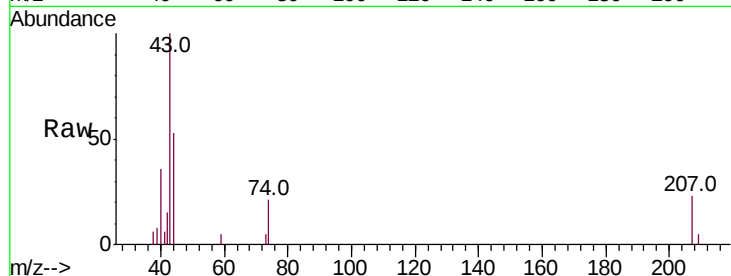




#18
Methyl Acetate
Concen: 7.422 ug/l
RT: 4.69 min Scan# 509
Delta R.T. 0.01 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

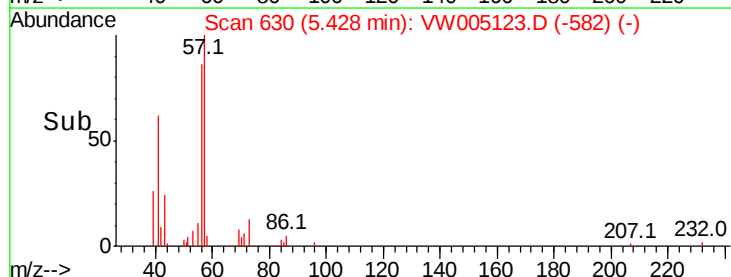
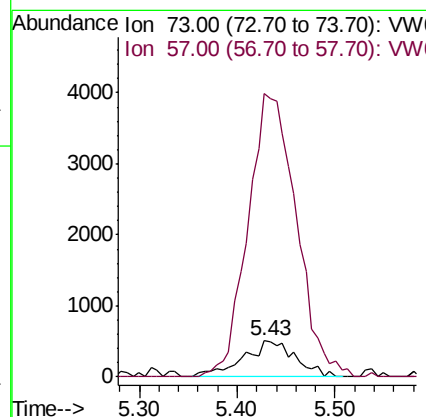
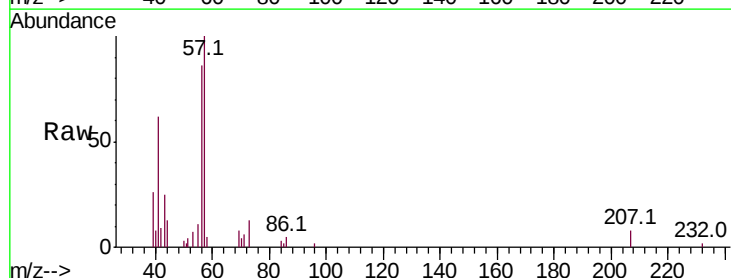
Instrument :
MSVOA_W
ClientSampled :

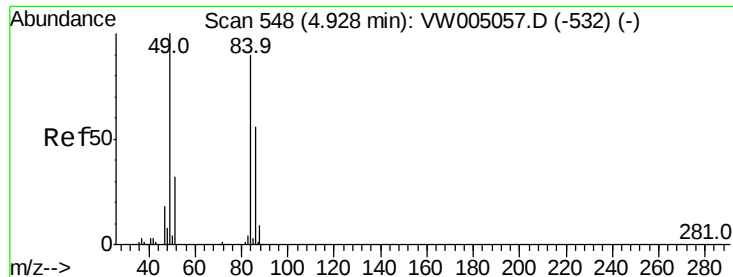
Tot Ion: 43 Resp: 3229
Ion Ratio Lower Upper
43 100
74 23.8 20.7 31.1



#19
Methyl tert-butyl Ether
Concen: 1.080 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.01 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion: 73 Resp: 1887
Ion Ratio Lower Upper
73 100
57 790.9 18.1 27.1#





#20

Methvlene Chloride

Concen: 15.359 ug/l

RT: 4.92 min Scan# 546

Delta R.T. -0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 84 Resp: 18039

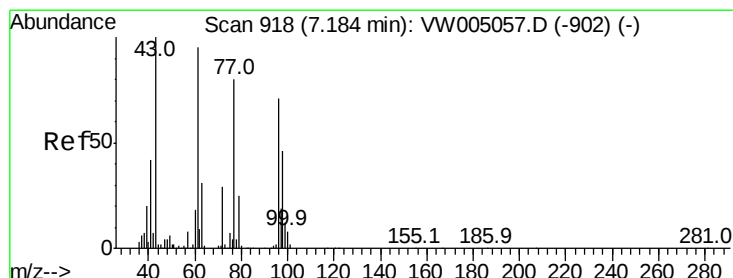
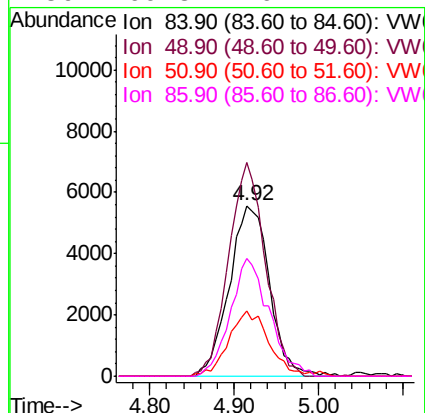
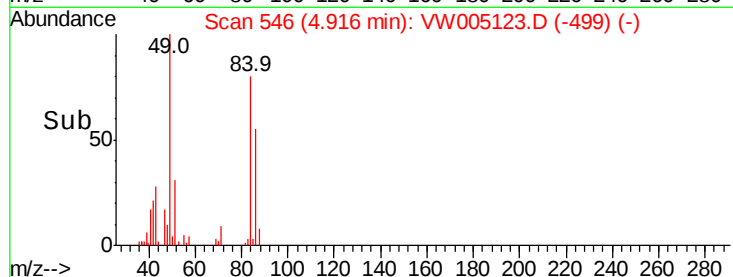
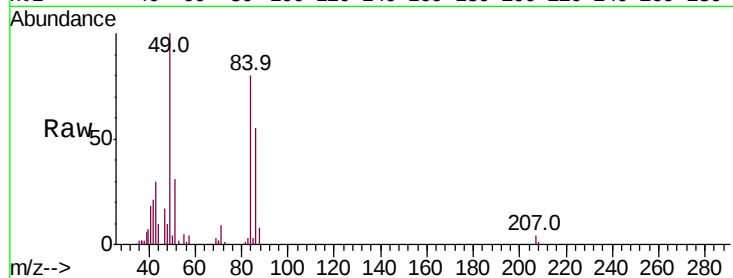
Ion Ratio Lower Upper

84 100

49 125.1 88.7 133.1

51 38.5 28.6 42.8

86 69.3 49.4 74.2



#25

2-Butanone

Concen: 80.854 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005123.D

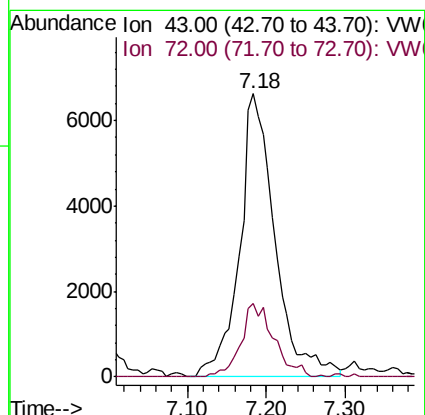
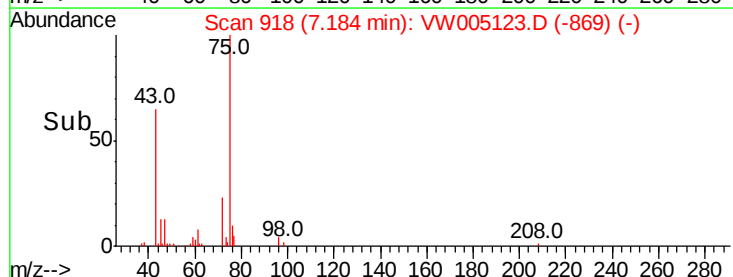
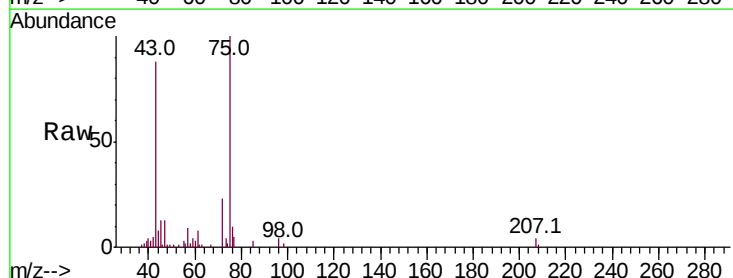
Acq: 05 Sep 2018 11:29

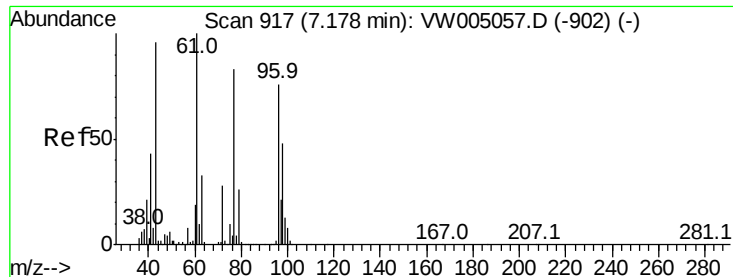
Tgt Ion: 43 Resp: 20740

Ion Ratio Lower Upper

43 100

72 26.0 23.1 34.7





#26

2,2-Dichloropropane

Concen: 2.869 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.03 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

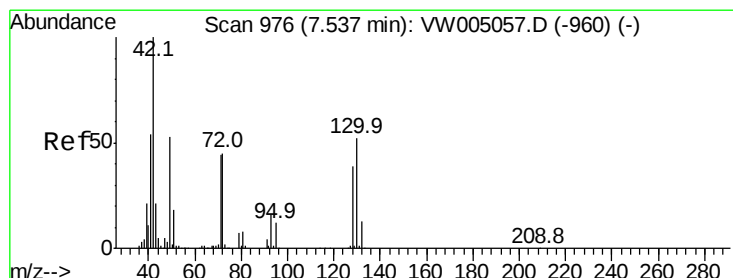
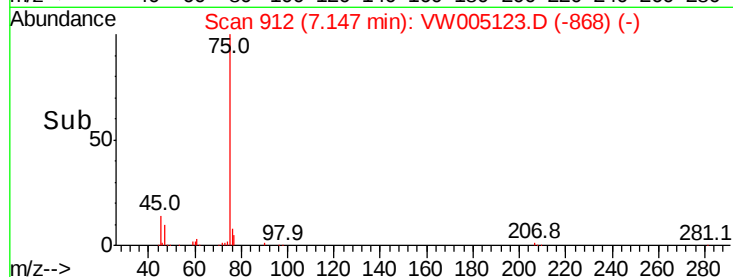
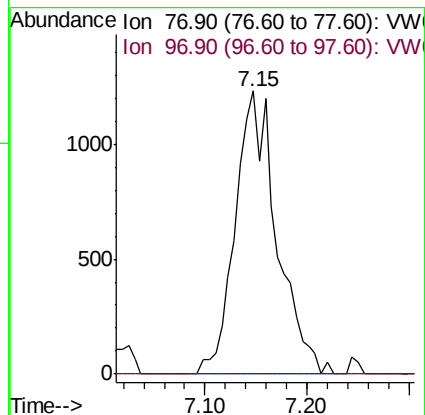
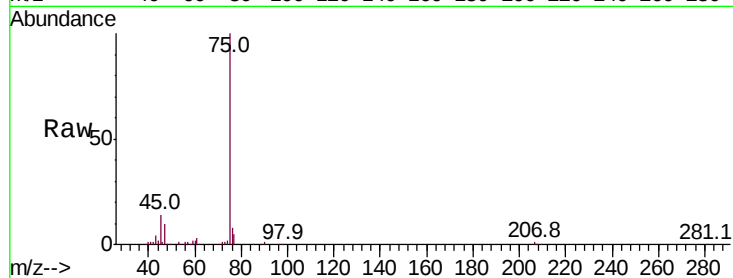
ClientSampled :

Tot Ion: 77 Resp: 3487

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.6#



#29

Tetrahydrofuran

Concen: 26.124 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

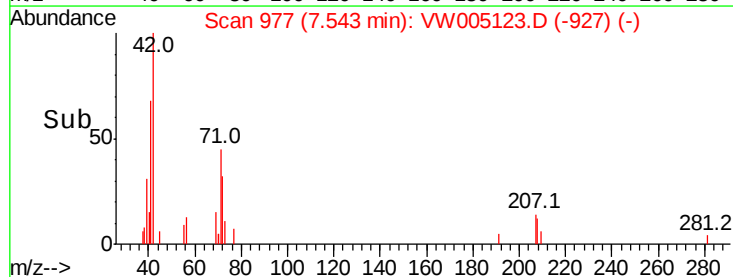
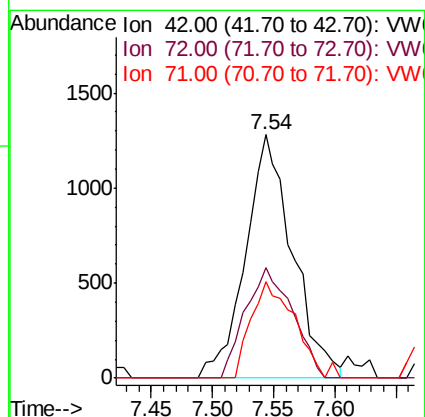
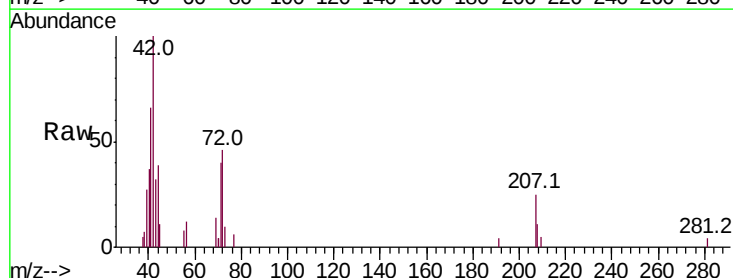
Tgt Ion: 42 Resp: 3424

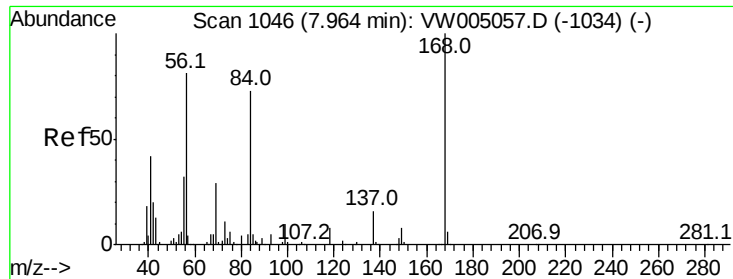
Ion Ratio Lower Upper

42 100

72 45.5 37.0 55.4

71 36.1 35.0 52.6





#31

Cyclohexane

Concen: 24.689 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :

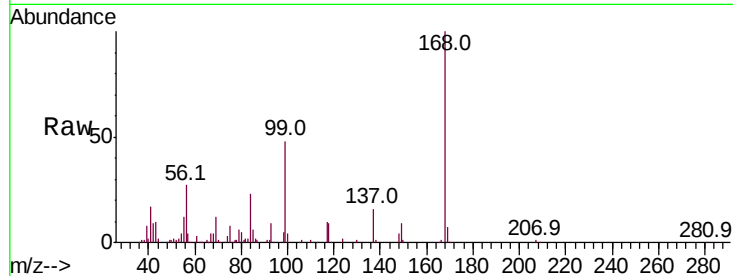
Tot Ion: 56 Resp: 35757

Ion Ratio Lower Upper

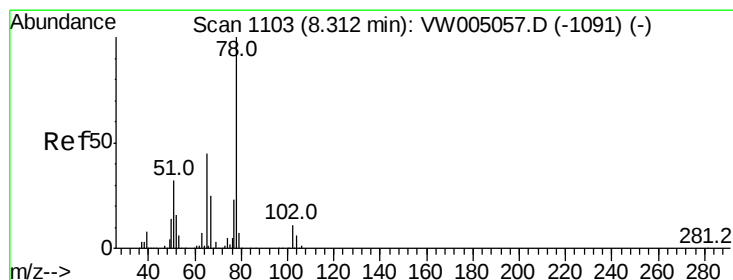
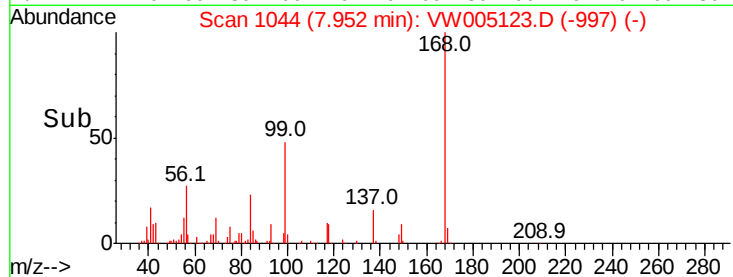
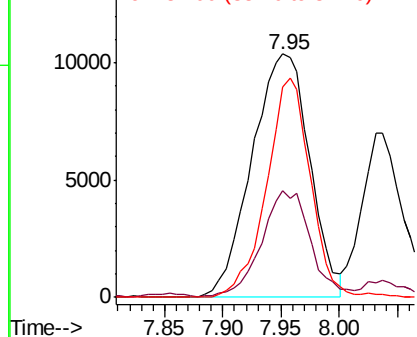
56 100

69 43.1 28.2 42.2#

84 86.3 71.8 107.8



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



#33

1,2-Dichloroethane-d4

Concen: 48.411 ug/l

RT: 8.32 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VW005123.D

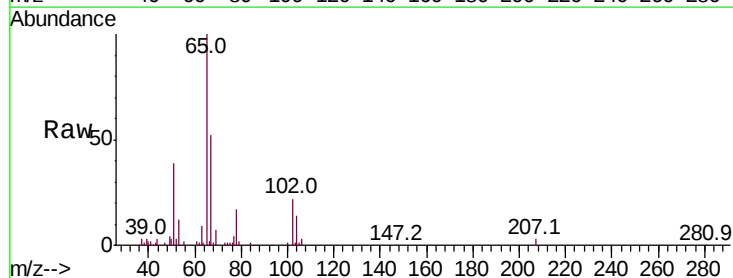
Acq: 05 Sep 2018 11:29

Tgt Ion: 65 Resp: 35699

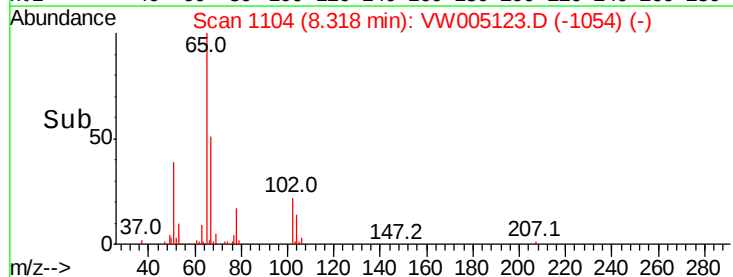
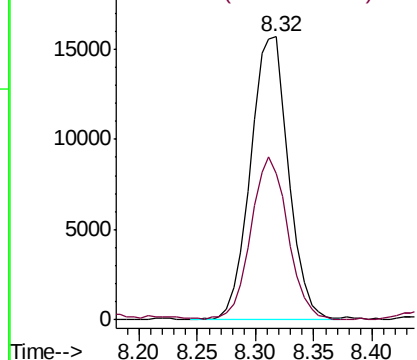
Ion Ratio Lower Upper

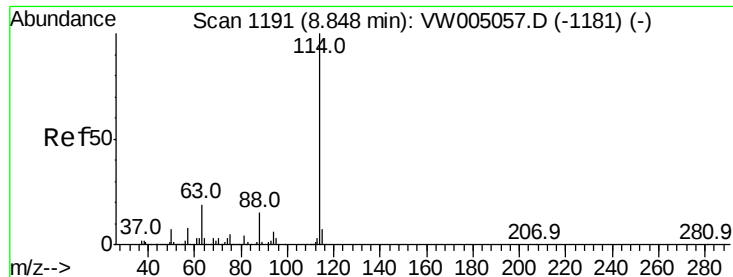
65 100

67 56.0 0.0 109.4



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

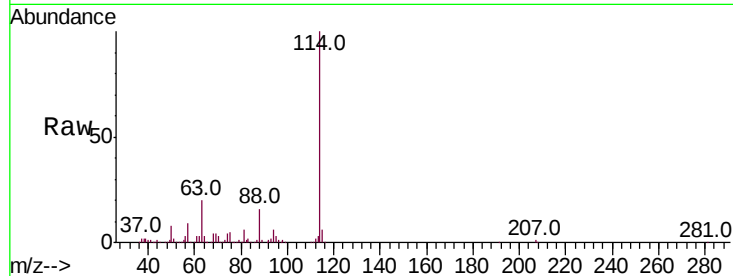




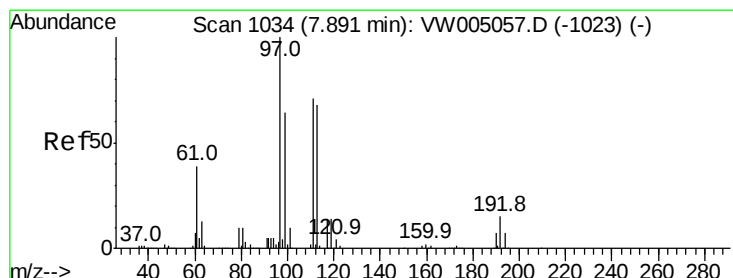
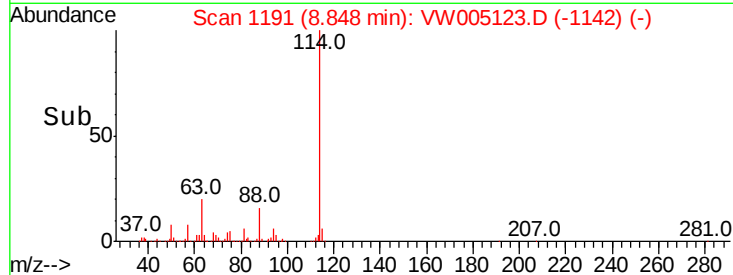
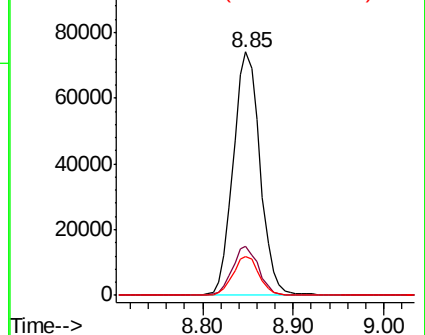
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 152131
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.0
 88 15.9 0.0 30.2

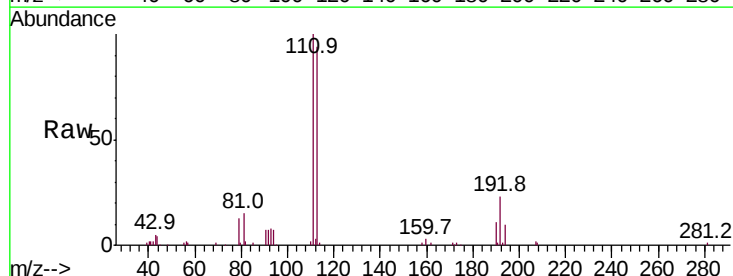


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

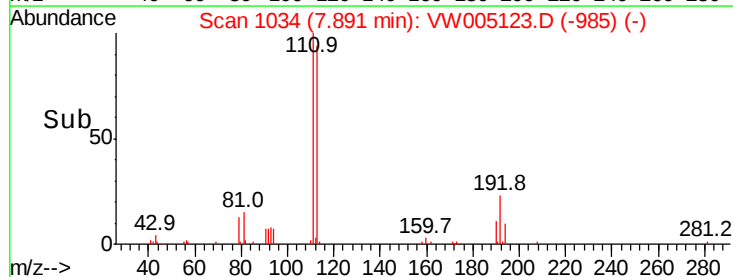
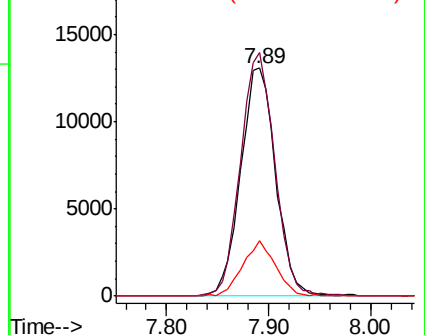


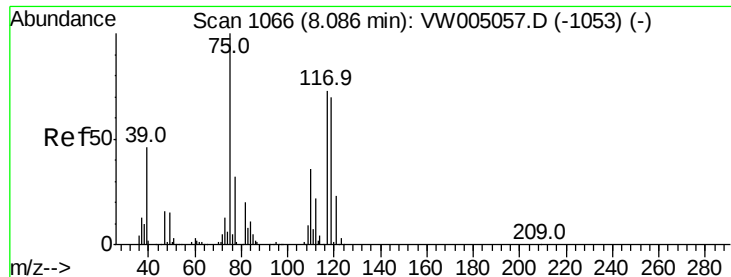
#35
 Dibromofluoromethane
 Concen: 35.424 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Tgt Ion:113 Resp: 31143
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.2 123.2
 192 22.9 18.1 27.1



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: 4.539 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

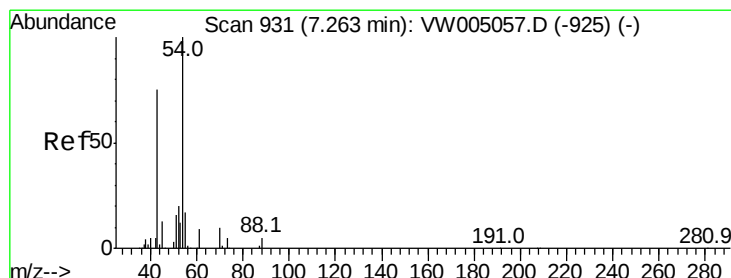
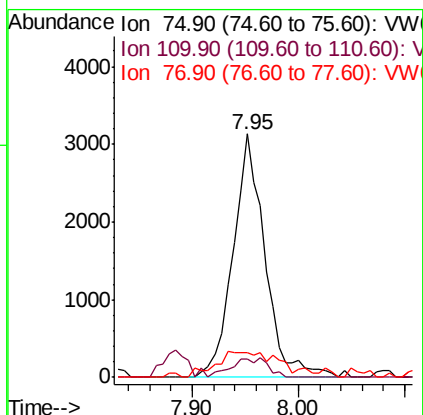
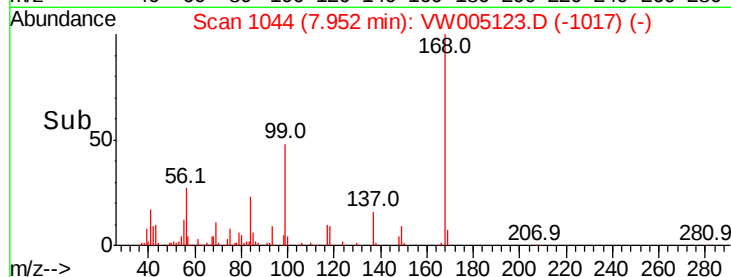
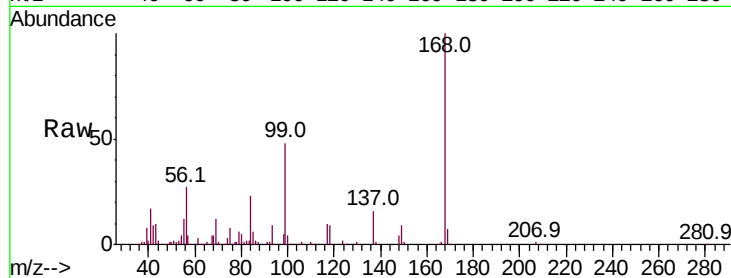
Tot Ion: 75 Resp: 6576

Ion Ratio Lower Upper

75 100

110 9.2 18.9 56.7#

77 0.0 25.5 38.3#



#37

Ethyl Acetate

Concen: 38.276 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.08 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

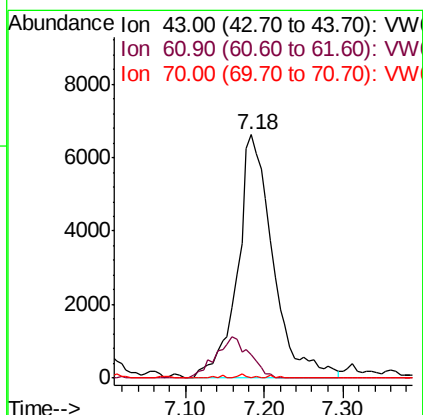
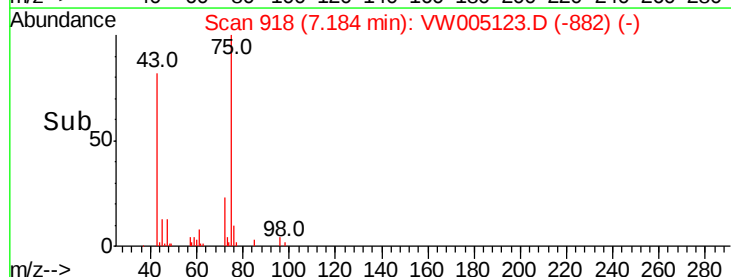
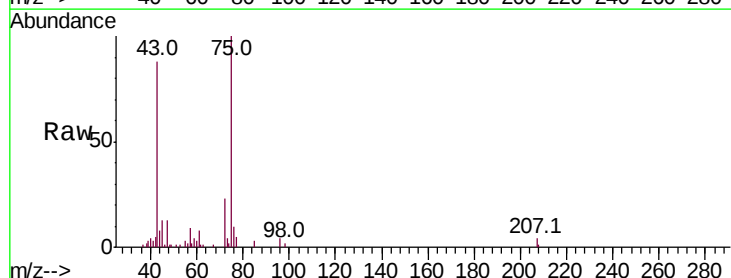
Tgt Ion: 43 Resp: 20740

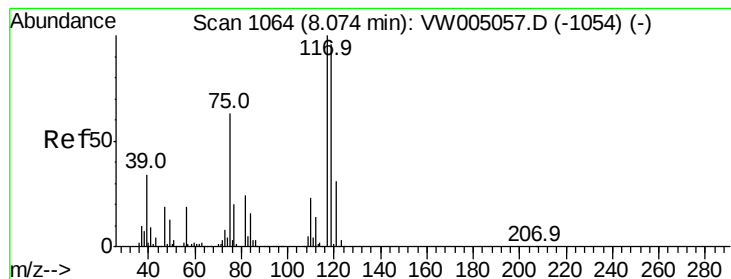
Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

70 0.4 9.4 14.2#





#38

Carbon Tetrachloride

Concen: 5.528 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

ClientSampled :

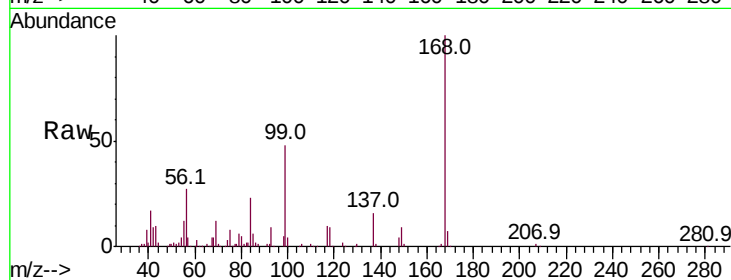
Tot Ion:117 Resp: 7616

Ion Ratio Lower Upper

117 100

119 3.9 76.6 115.0#

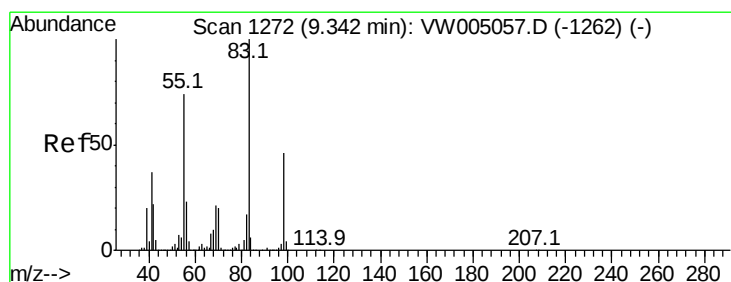
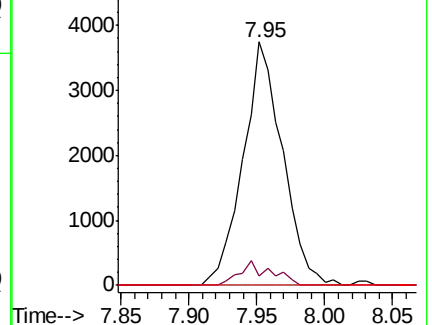
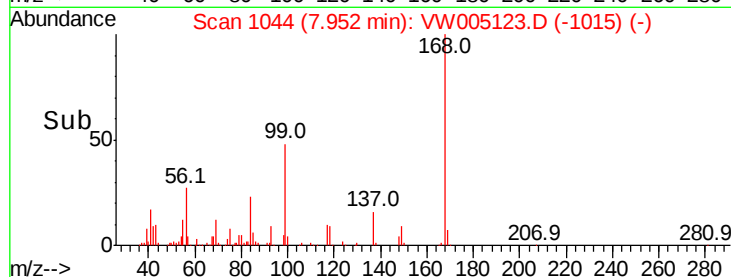
121 0.0 24.8 37.2#



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: 51.486 ug/l

RT: 9.34 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

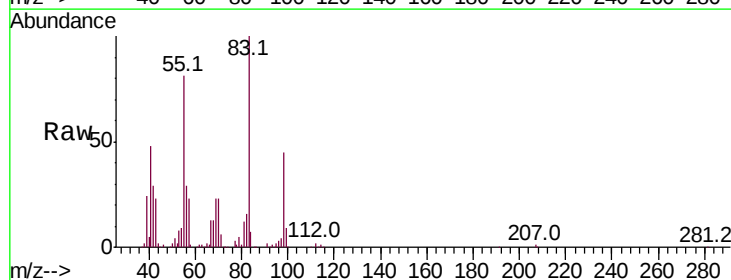
Tgt Ion: 83 Resp: 90215

Ion Ratio Lower Upper

83 100

55 80.8 58.9 88.3

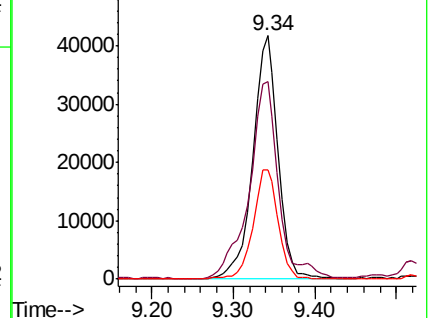
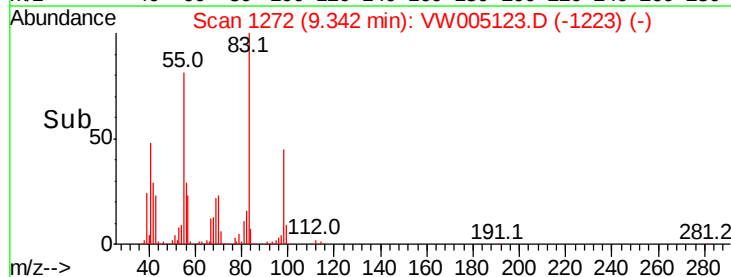
98 44.7 36.8 55.2

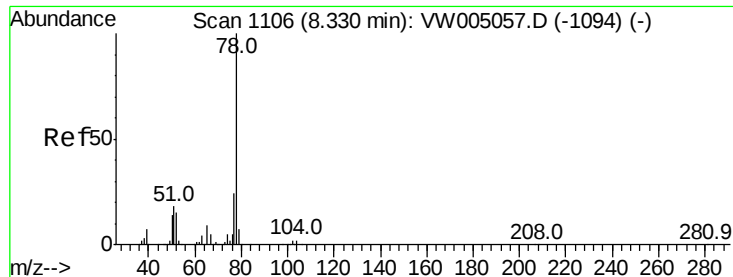


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 2.113 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

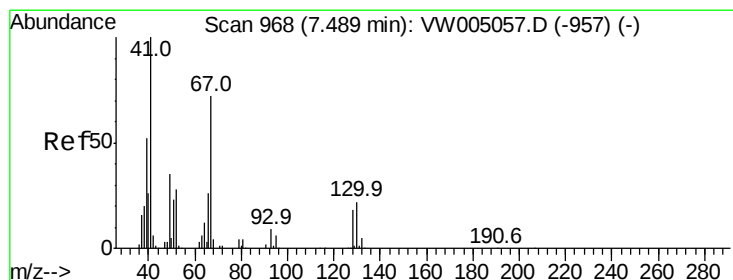
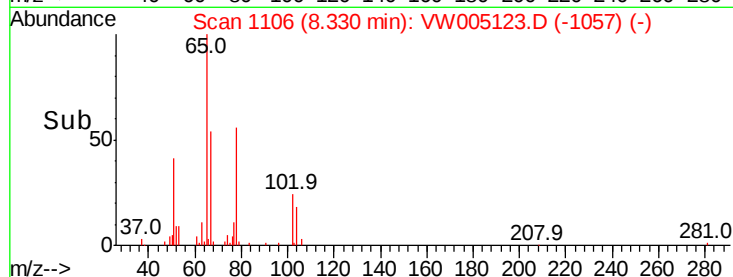
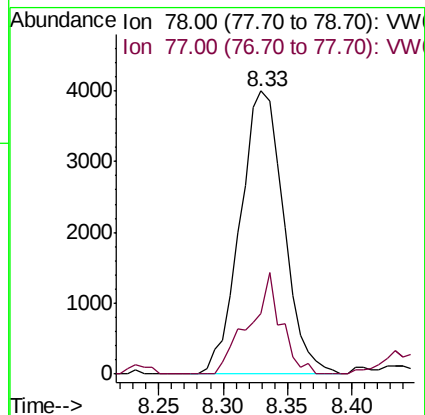
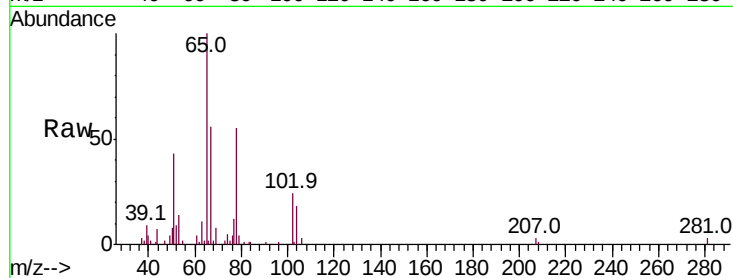
ClientSampleId :

Tot Ion: 78 Resp: 9371

Ion Ratio Lower Upper

78 100

77 21.6 19.4 29.0



#41

Methacrylonitrile

Concen: 8.119 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.05 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Tgt Ion: 41 Resp: 2549

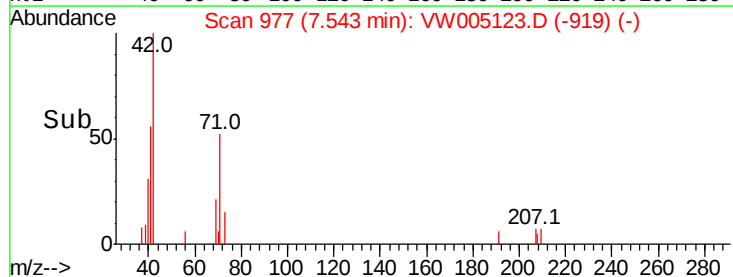
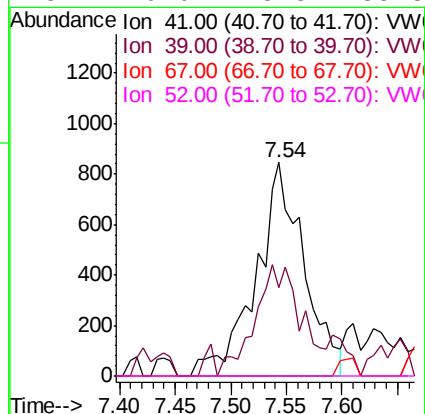
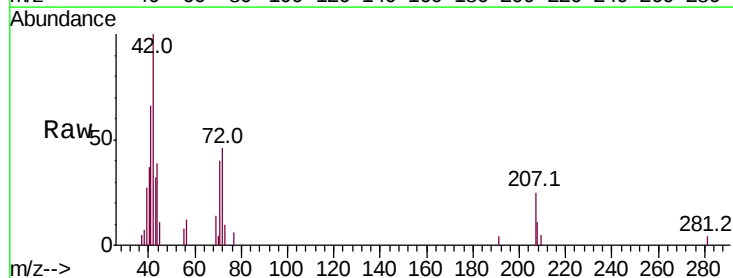
Ion Ratio Lower Upper

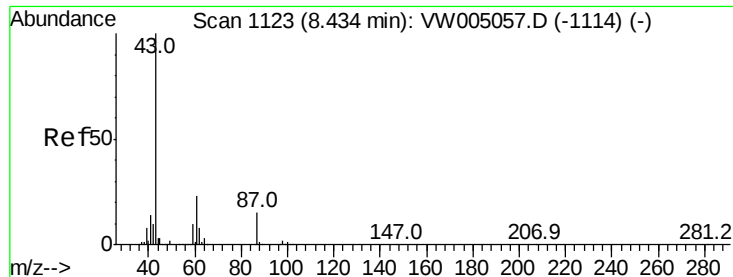
41 100

39 50.2 41.8 62.8

67 0.0 60.4 90.6#

52 0.0 23.8 35.8#





#43

Isopropyl Acetate

Concen: 6.503 ug/l

RT: 8.42 min Scan# 1121

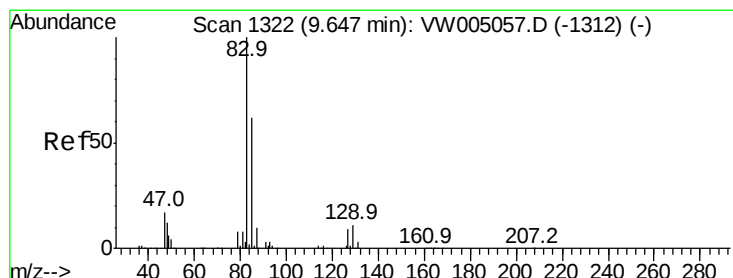
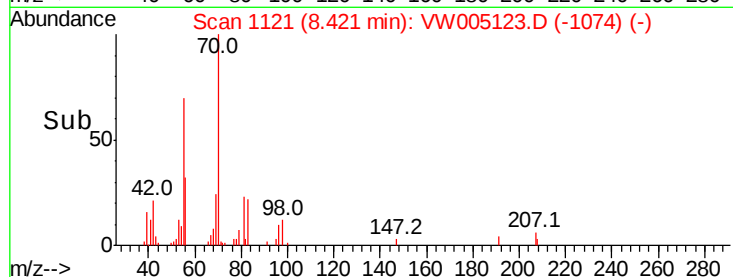
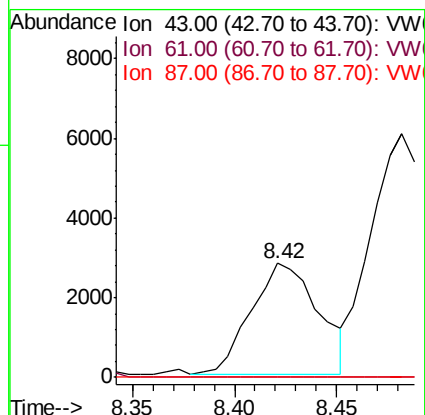
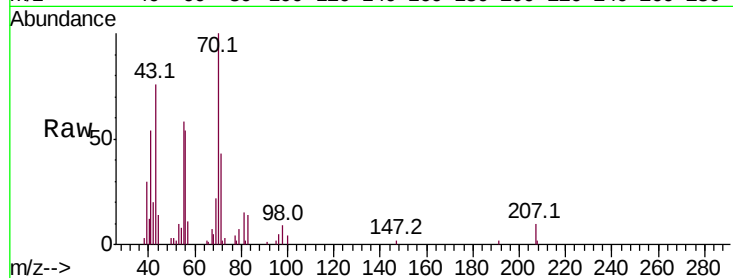
Delta R.T. -0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	43	Resp:	6412
Ion	Ratio	Lower	Upper
43	100		
61	0.0	26.8	40.2#
87	0.0	11.6	17.4#



#47

Bromodichloromethane

Concen: 2.322 ug/l

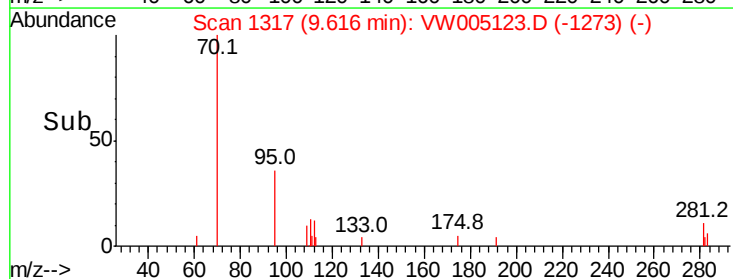
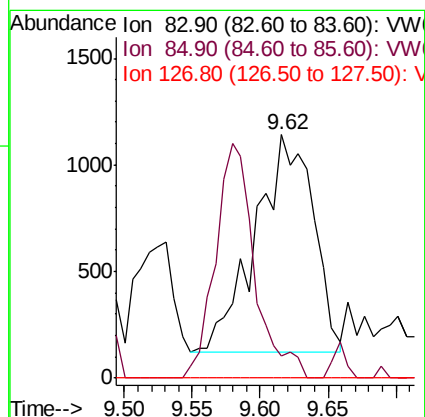
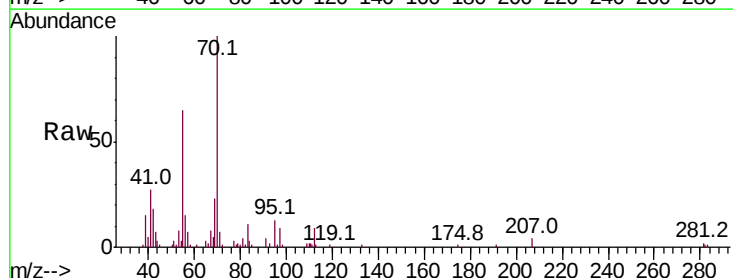
RT: 9.62 min Scan# 1317

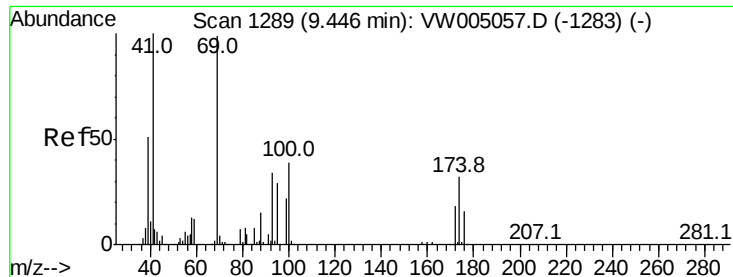
Delta R.T. -0.03 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Tgt Ion:	83	Resp:	3029
Ion	Ratio	Lower	Upper
83	100		
85	4.9	49.8	74.6#
127	0.0	7.0	10.4#

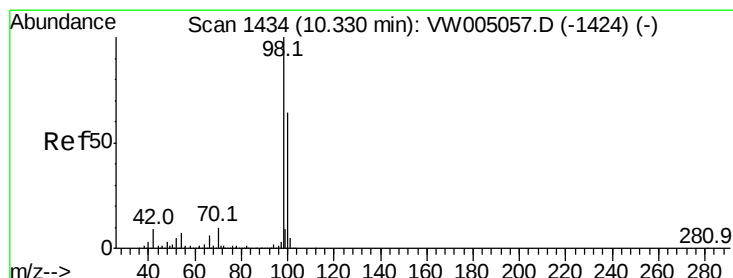
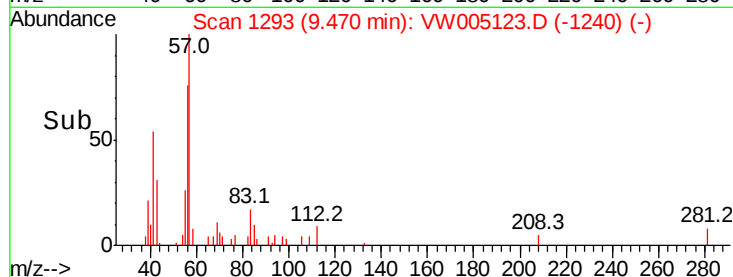
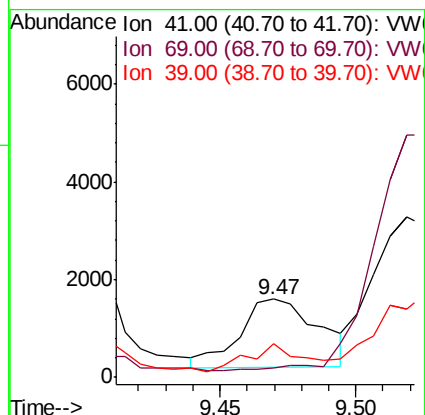
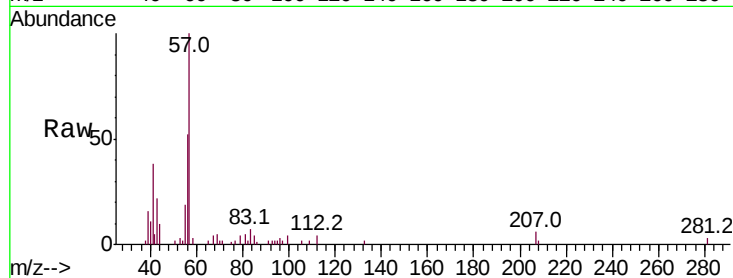




#48
Methvl methacrilate
Concen: 5.868 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.02 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

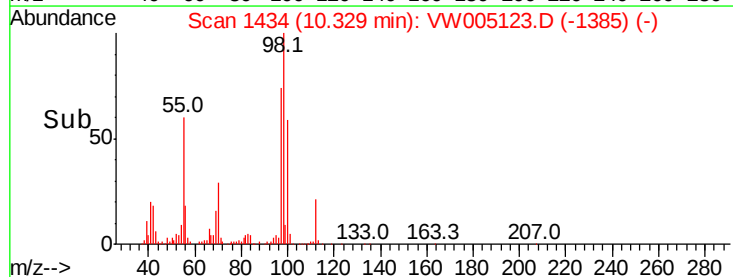
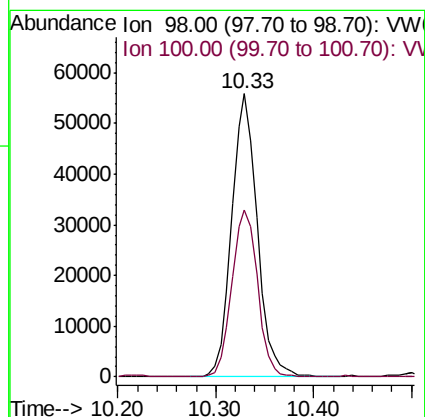
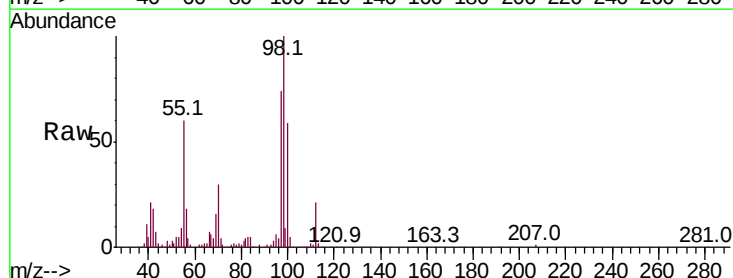
Instrument :
MSVOA_W
ClientSampleId :

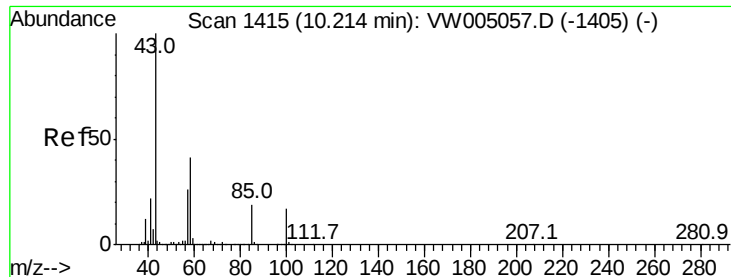
Tot Ion: 41 Resp: 2786
Ion Ratio Lower Upper
41 100
69 0.0 80.4 120.6#
39 28.7 43.5 65.3#



#50
Toluene-d8
Concen: 25.152 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion: 98 Resp: 101888
Ion Ratio Lower Upper
98 100
100 59.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 6.211 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

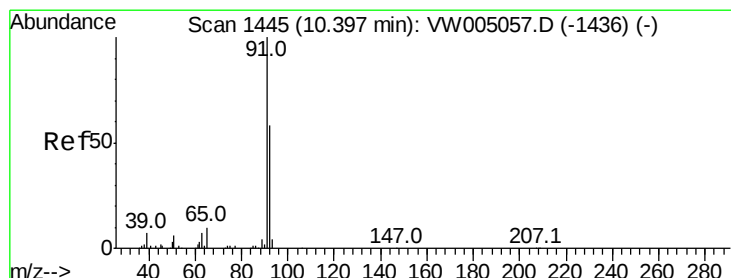
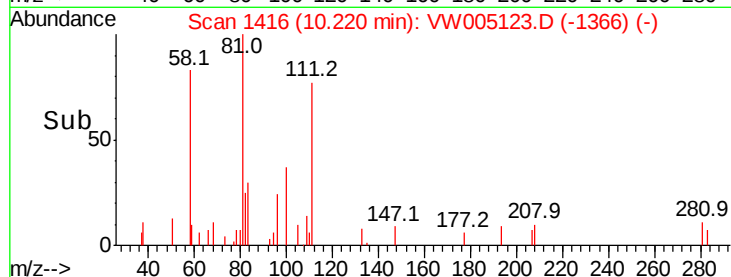
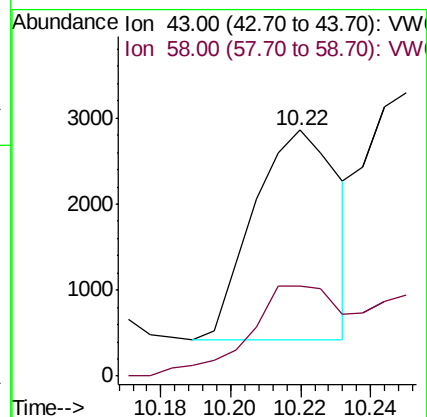
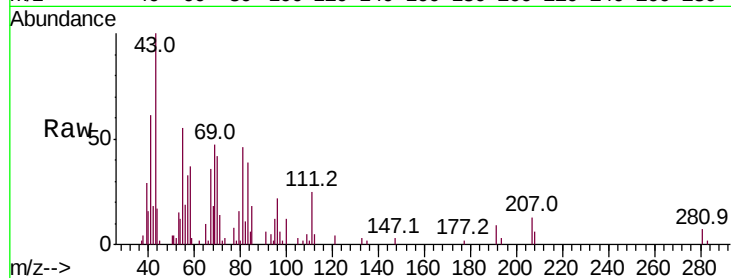
ClientSampleId :

Tot Ion: 43 Resp: 4104

Ion Ratio Lower Upper

43 100

58 52.2 33.3 49.9#



#52

Toluene

Concen: 11.831 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005123.D

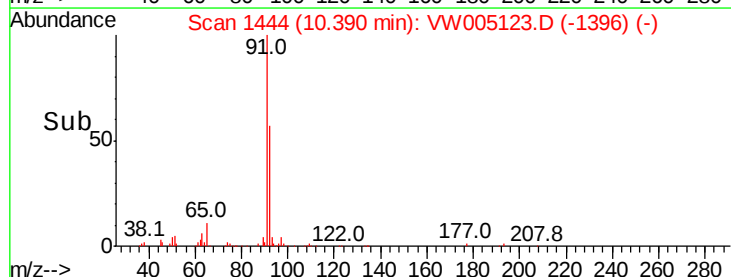
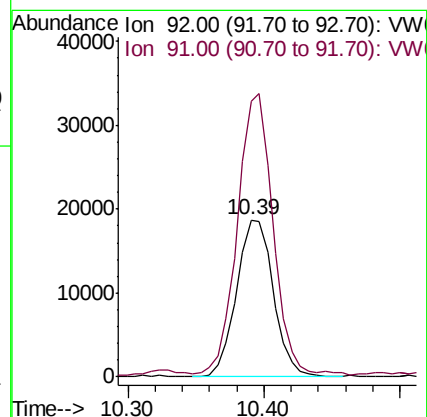
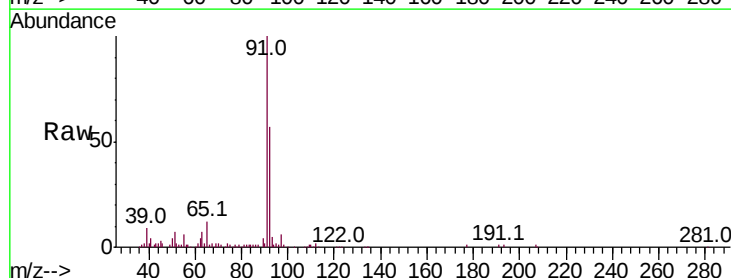
Acq: 05 Sep 2018 11:29

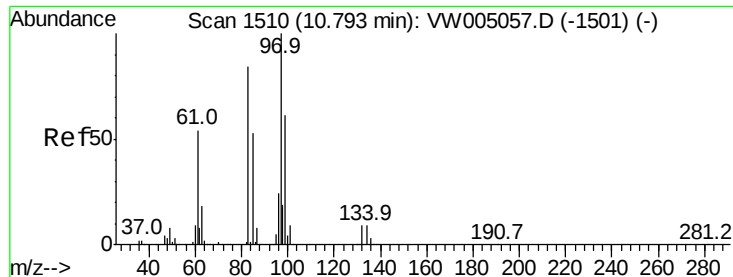
Tgt Ion: 92 Resp: 35558

Ion Ratio Lower Upper

92 100

91 169.4 139.2 208.8

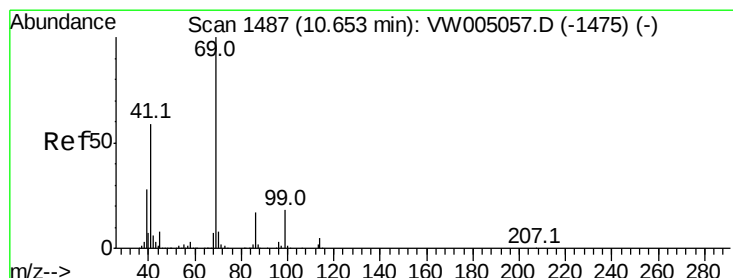
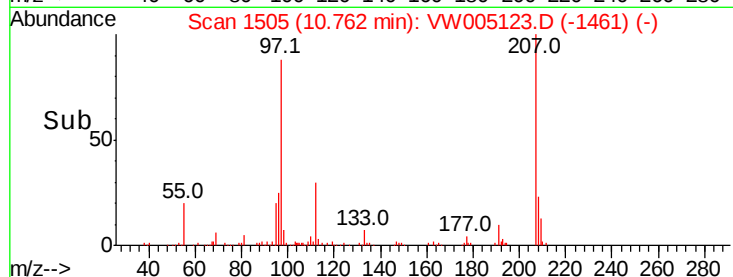
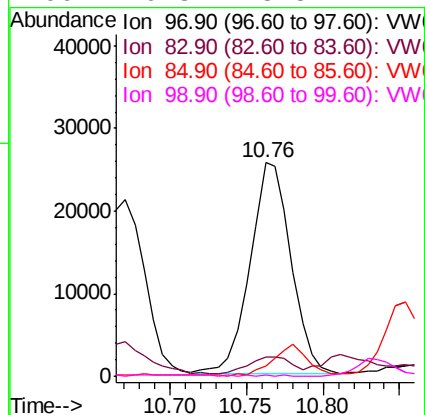
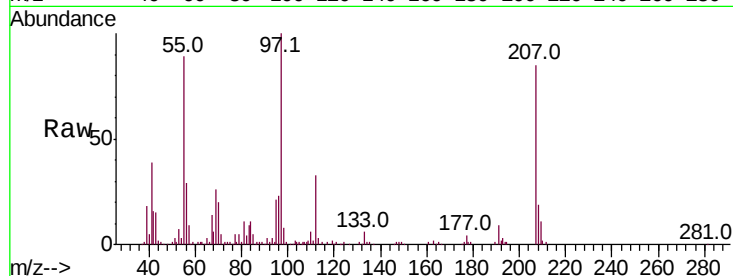




#55
 1,1,2-Trichloroethane
 Concen: 59.275 ug/l
 RT: 10.76 min Scan# 1505
 Delta R.T. -0.03 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

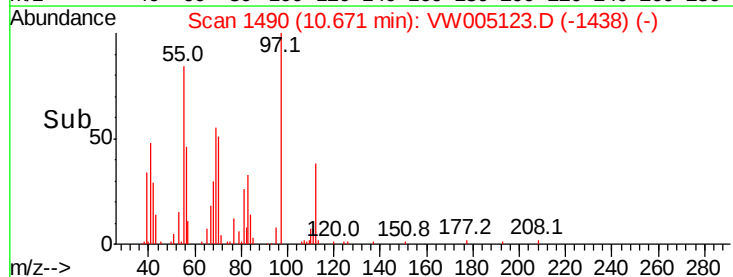
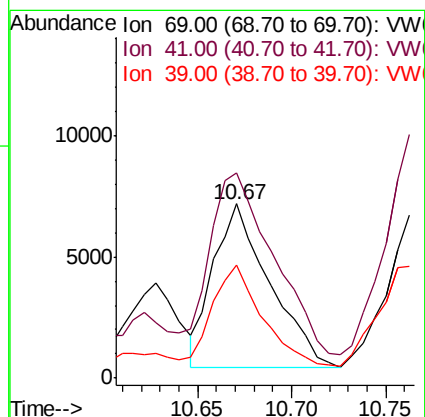
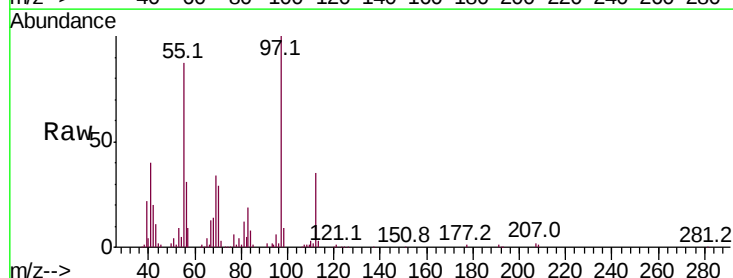
Instrument :
 MSVOA_W
 ClientSampleId :

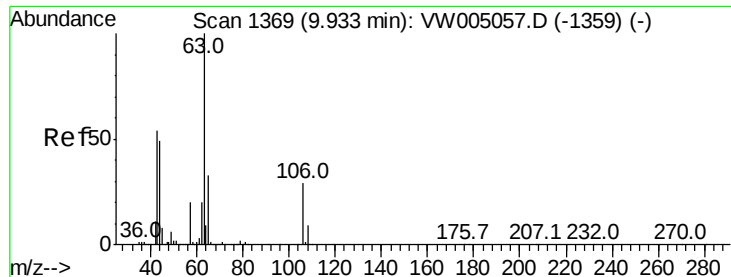
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.4	67.0	100.6#
85	4.4	42.3	63.5#
99	0.3	48.5	72.7#



#56
 Ethyl methacrylate
 Concen: 15.218 ug/l
 RT: 10.67 min Scan# 1490
 Delta R.T. 0.02 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	126.1	47.8	71.6#
39	54.6	21.1	31.7#

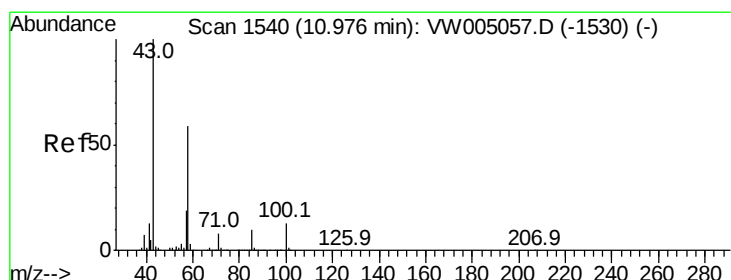
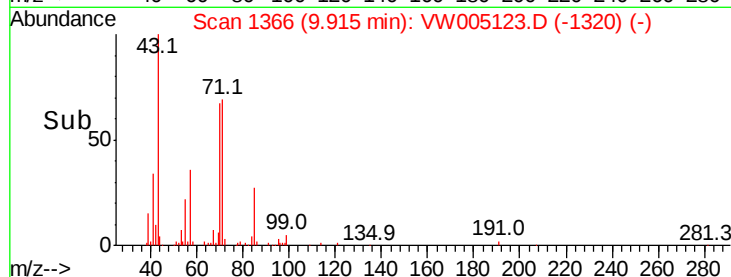
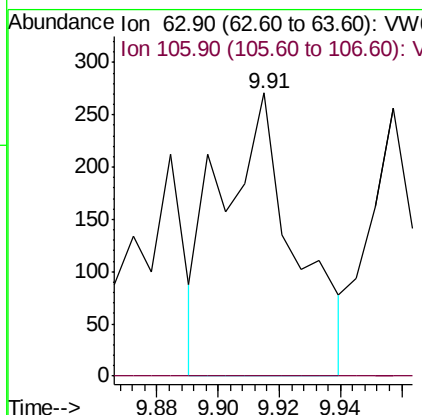
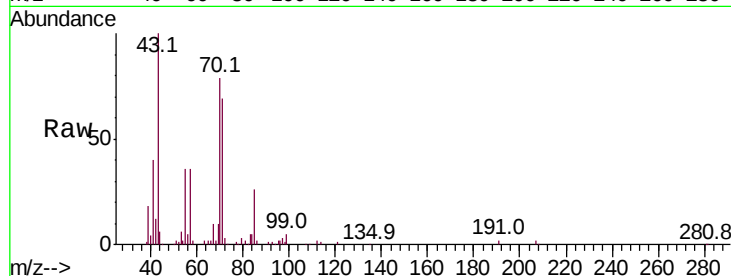




#58
2-Chloroethyl Vinyl ether
Concen: 1.054 ug/l
RT: 9.91 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

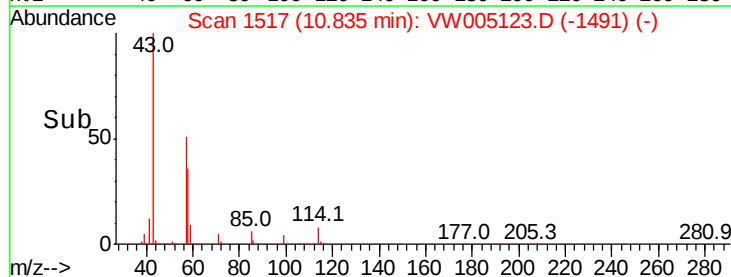
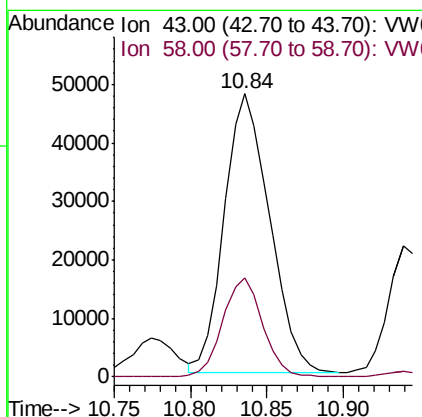
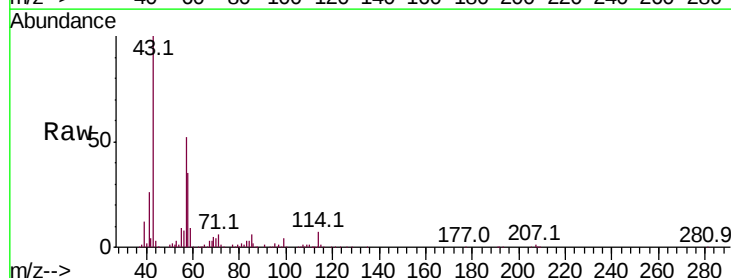
Instrument :
MSVOA_W
ClientSampled :

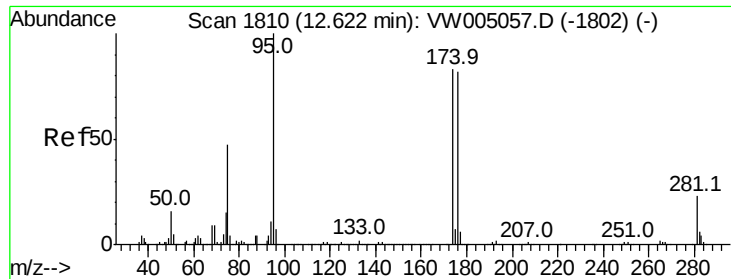
Tot Ion: 63 Resp: 457
Ion Ratio Lower Upper
63 100
106 0.0 23.1 34.7#



#59
2-Hexanone
Concen: 217.680 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.14 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion: 43 Resp: 97292
Ion Ratio Lower Upper
43 100
58 31.3 28.7 86.3

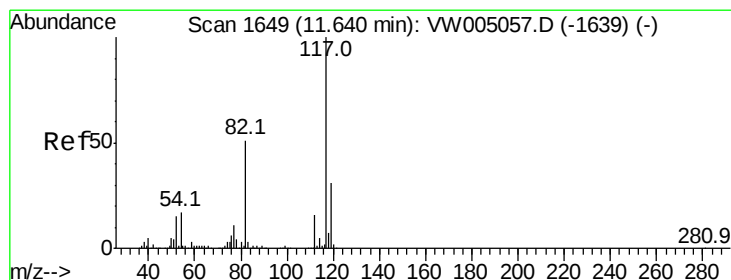
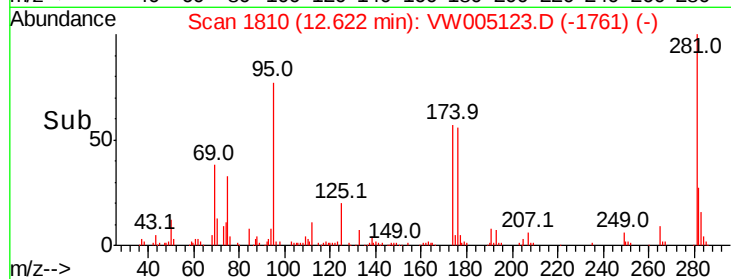
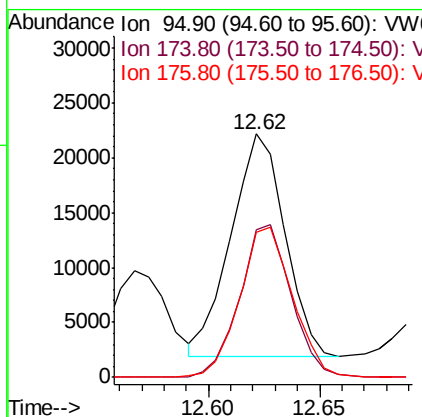
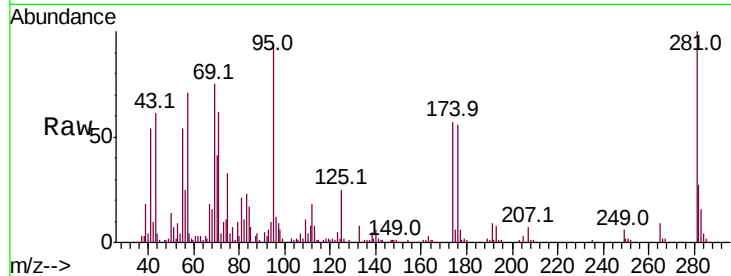




#62
4-Bromofluorobenzene
Concen: 23.967 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

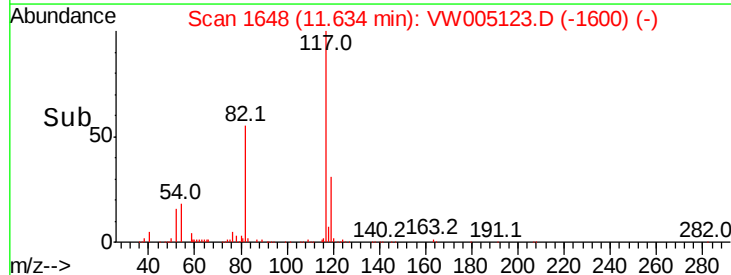
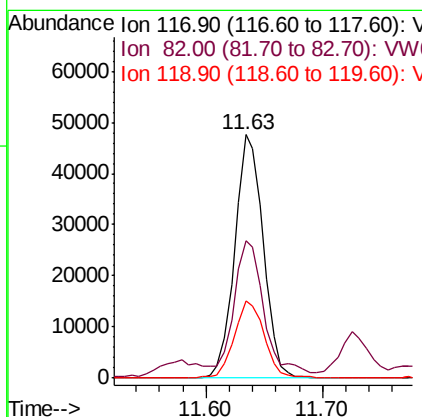
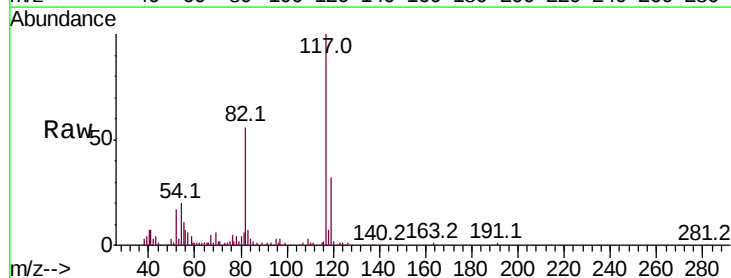
Instrument :
MSVOA_W
ClientSampleId :

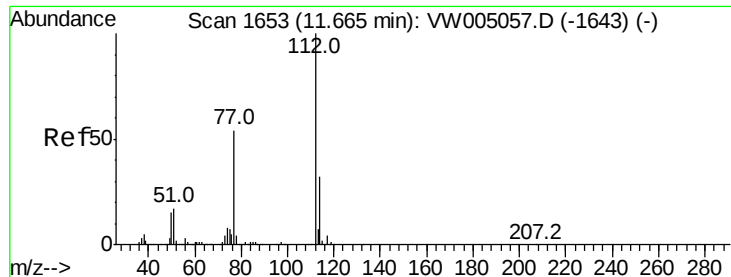
Tot Ion: 95 Resp: 34235
Ion Ratio Lower Upper
95 100
174 65.4 0.0 173.4
176 66.2 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion: 117 Resp: 81276
Ion Ratio Lower Upper
117 100
82 50.6 40.9 61.3
119 31.5 24.9 37.3





#65

Chlorobenzene

Concen: 1.449 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

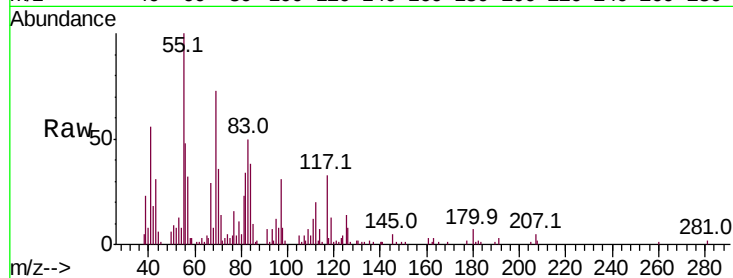
ClientSampleId :

Tot Ion:112 Resp: 2651

Ion Ratio Lower Upper

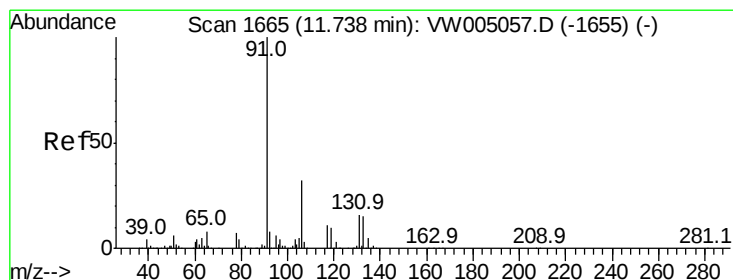
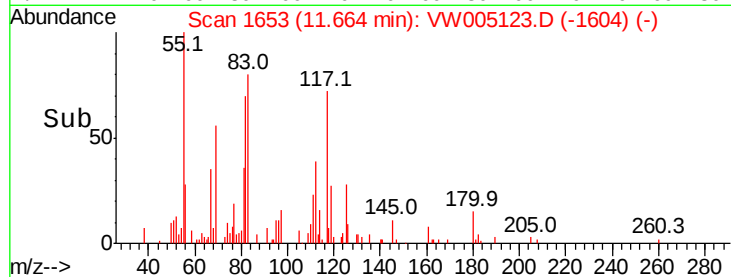
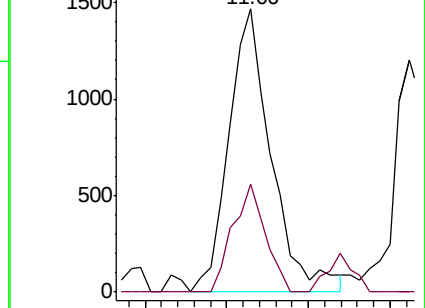
112 100

114 38.1 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 17.209 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005123.D

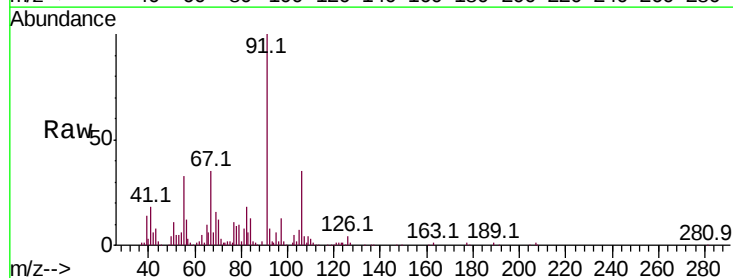
Acq: 05 Sep 2018 11:29

Tgt Ion: 91 Resp: 53231

Ion Ratio Lower Upper

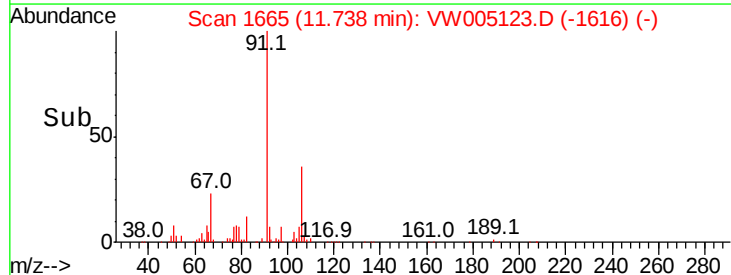
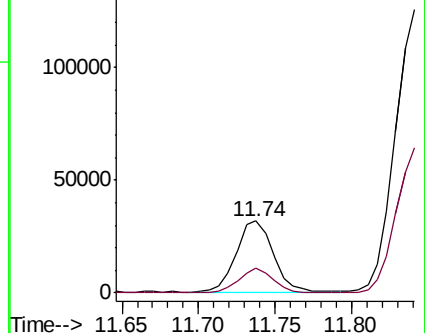
91 100

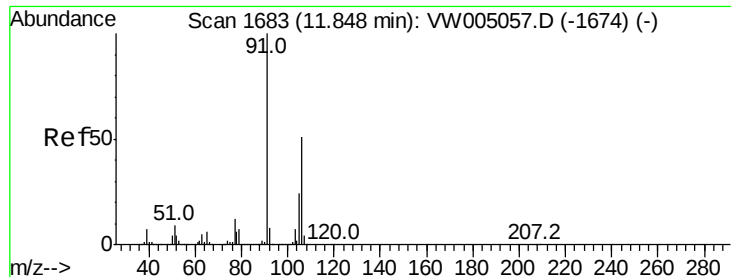
106 35.4 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

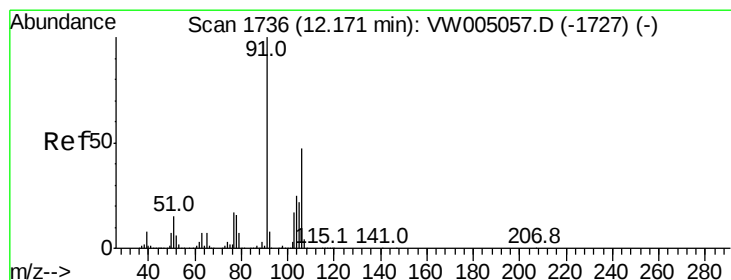
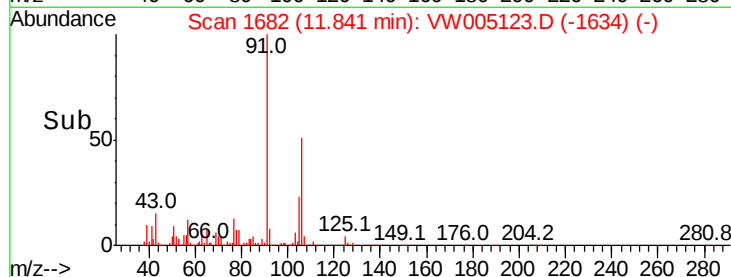
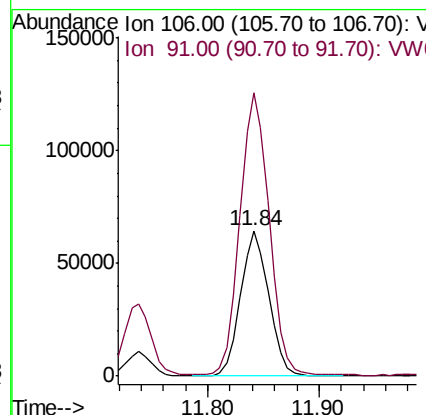
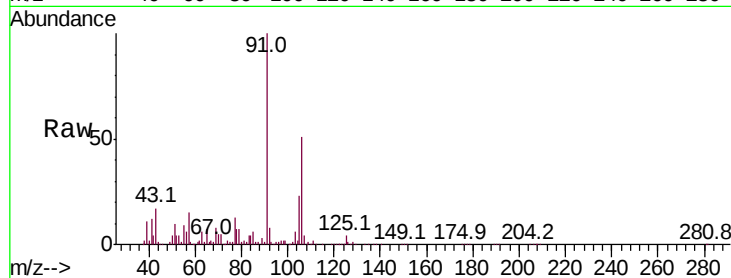




#68
m/p-Xylenes
Concen: 90.637 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

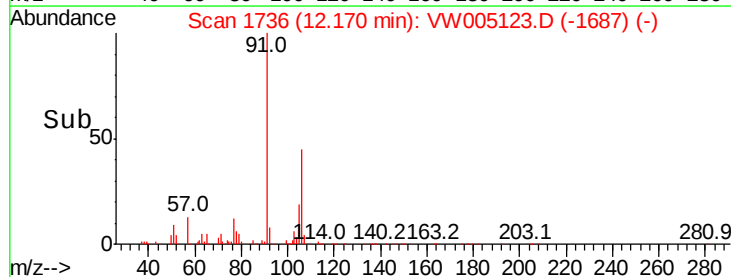
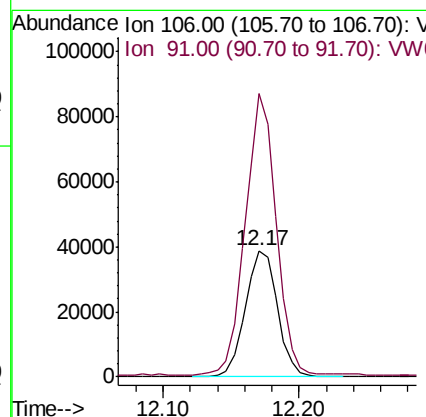
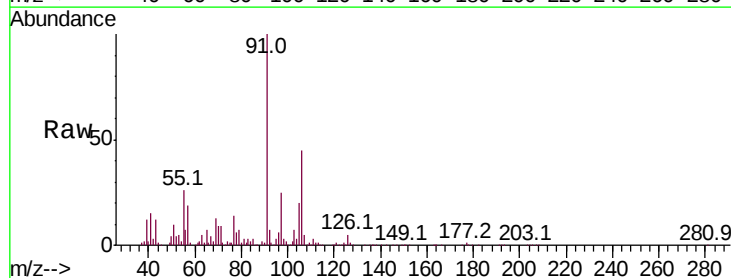
Instrument :
MSVOA_W
ClientSampled :

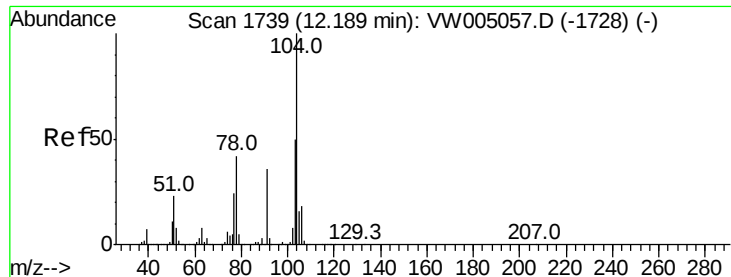
Tot Ion:106 Resp: 112254
Ion Ratio Lower Upper
106 100
91 201.1 158.4 237.6



#69
o-Xylene
Concen: 55.440 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion:106 Resp: 63483
Ion Ratio Lower Upper
106 100
91 216.3 105.6 316.8

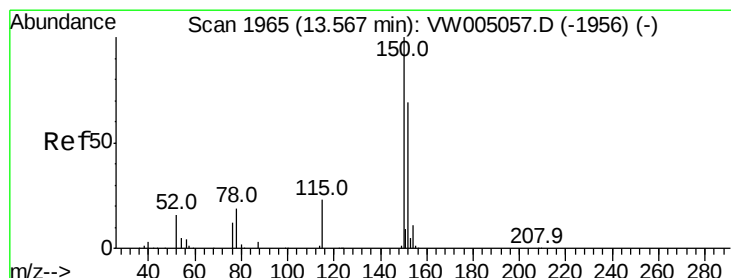
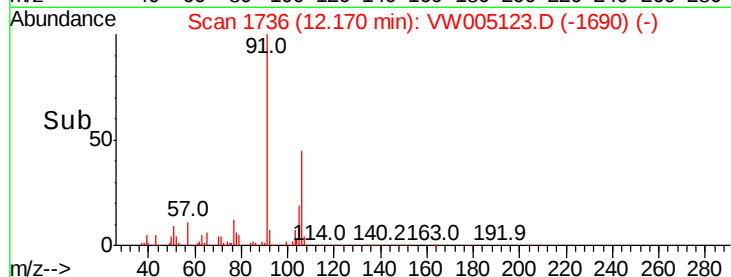
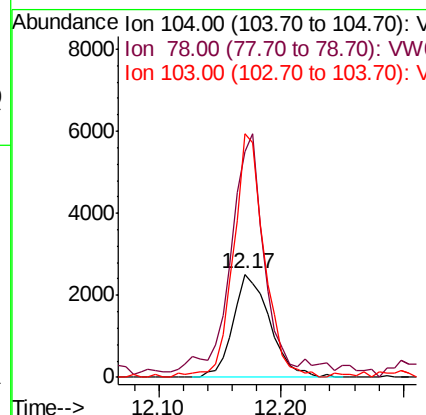
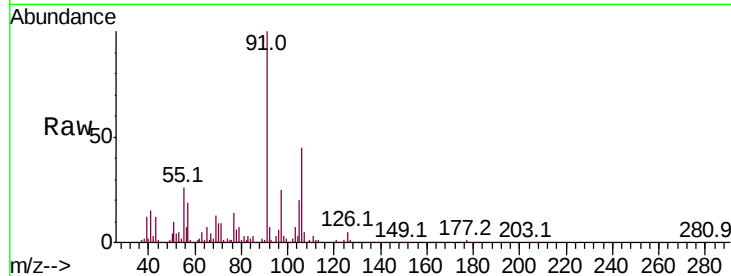




#70
Stvrene
Concen: 2.755 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.02 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

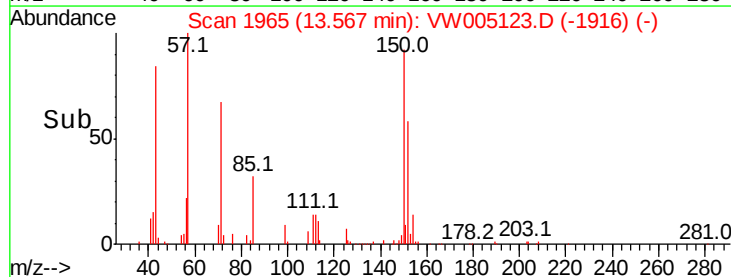
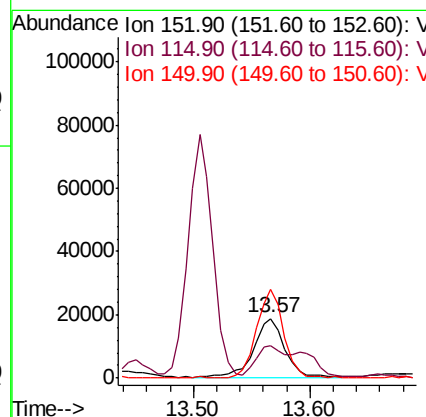
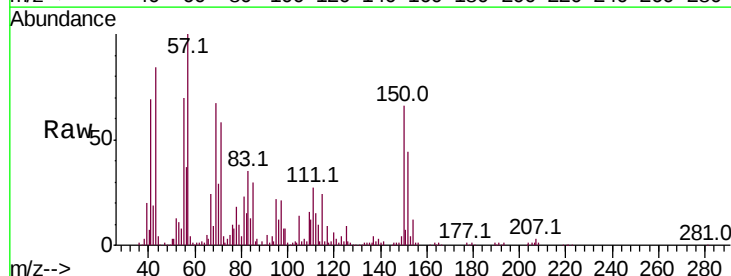
Instrument :
MSVOA_W
ClientSampleId :

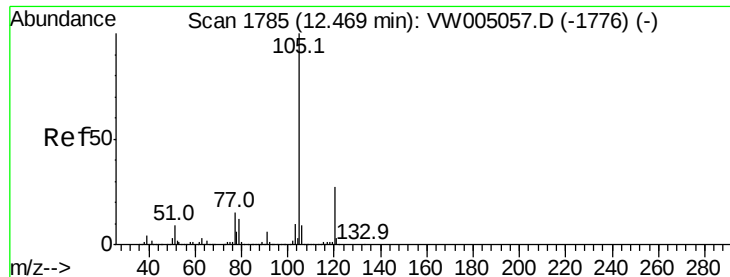
Tot Ion	Ratio	Lower	Upper
104	100		
78	203.3	37.8	56.6#
103	199.6	44.1	66.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.4	27.8	83.4
150	132.5	0.0	351.4





#73

Isopropylbenzene

Concen: 34.988 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

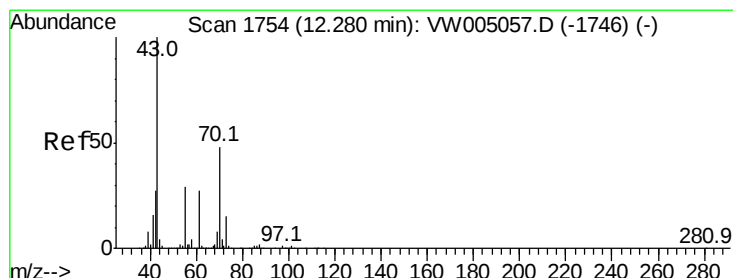
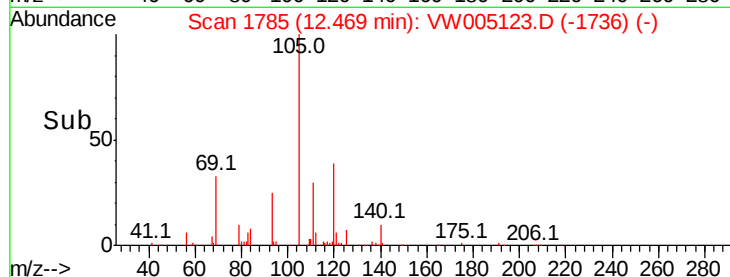
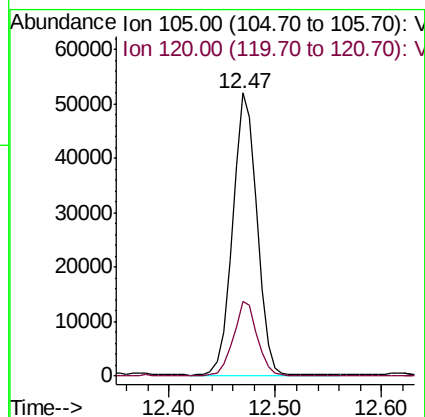
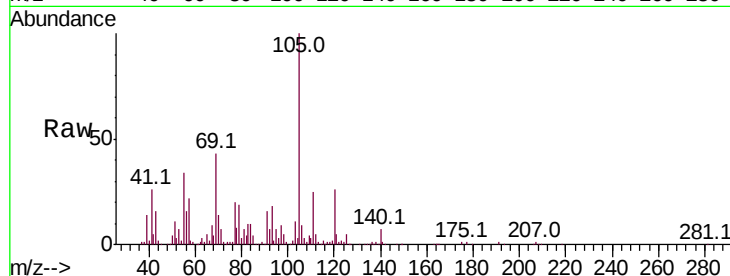
ClientSampleId :

Tot Ion:105 Resp: 83204

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 176.700 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Tgt Ion: 43 Resp: 72353

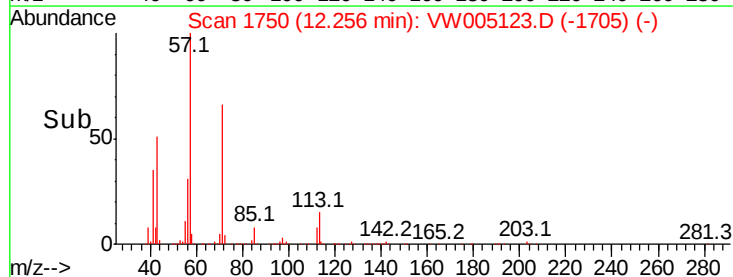
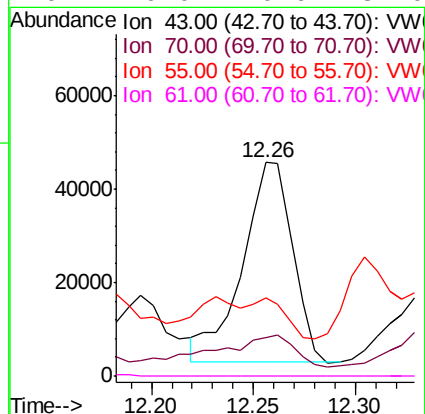
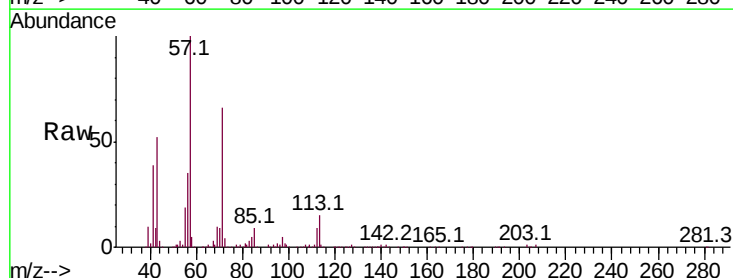
Ion Ratio Lower Upper

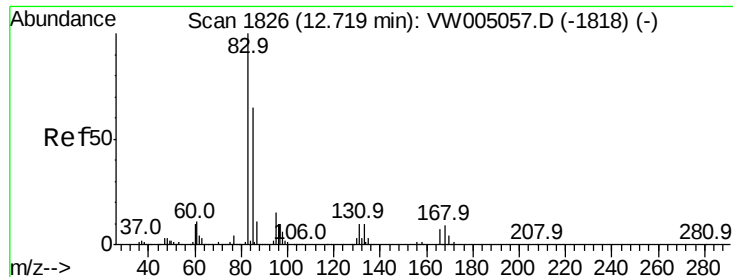
43 100

70 25.5 38.2 57.4#

55 0.0 23.2 34.8#

61 0.0 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 15.115 ug/l

RT: 12.69 min Scan# 1822

Delta R.T. -0.02 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

ClientSampled :

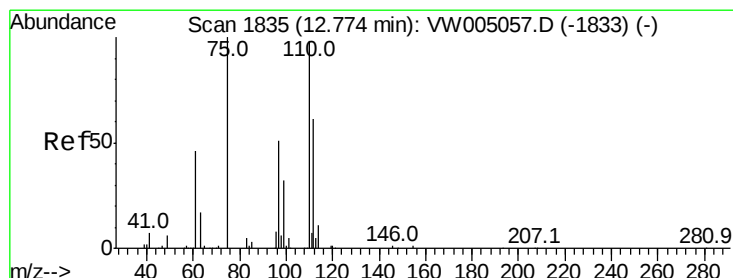
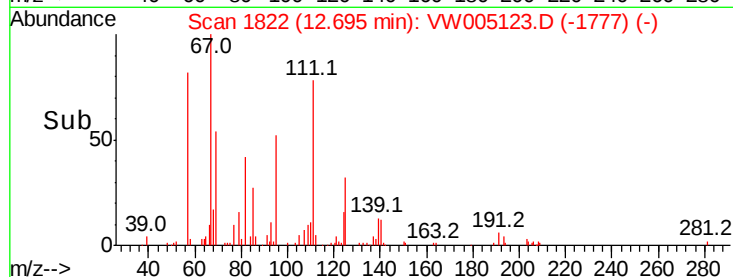
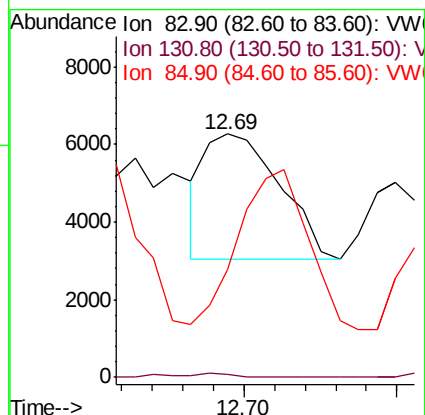
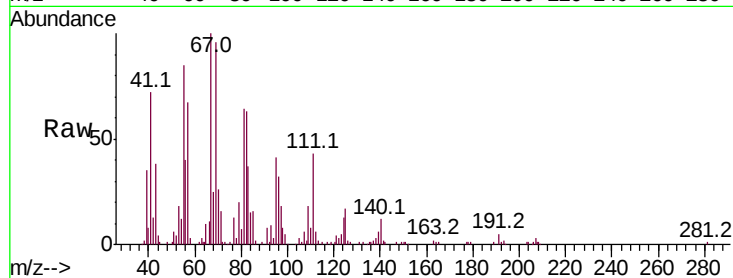
Tot Ion: 83 Resp: 5472

Ion Ratio Lower Upper

83 100

131 2.5 5.5 16.4#

85 0.0 32.5 97.4#



#76

1,2,3-Trichloropropane

Concen: 4.863 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. 0.04 min

Lab File: VW005123.D

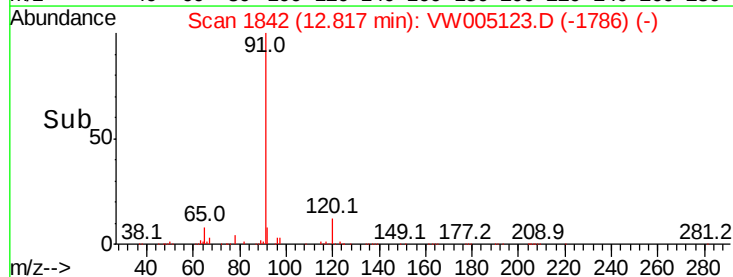
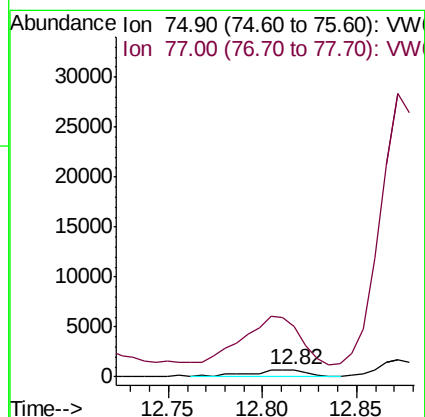
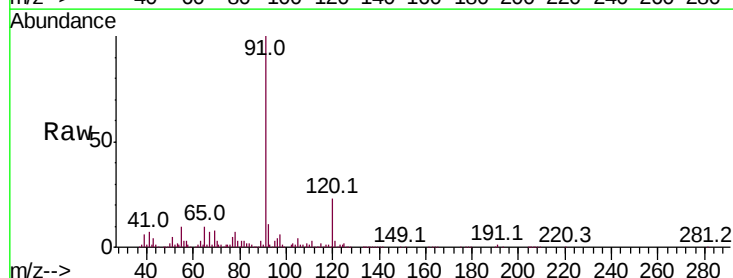
Acq: 05 Sep 2018 11:29

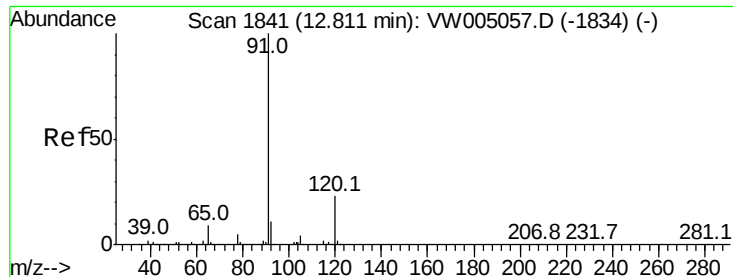
Tgt Ion: 75 Resp: 1231

Ion Ratio Lower Upper

75 100

77 811.7 0.0 0.0#





#78

n-propylbenzene

Concen: 67.369 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

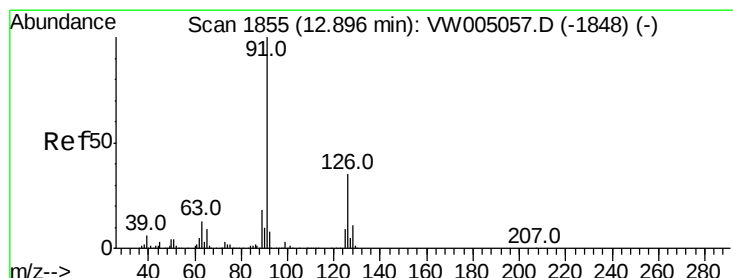
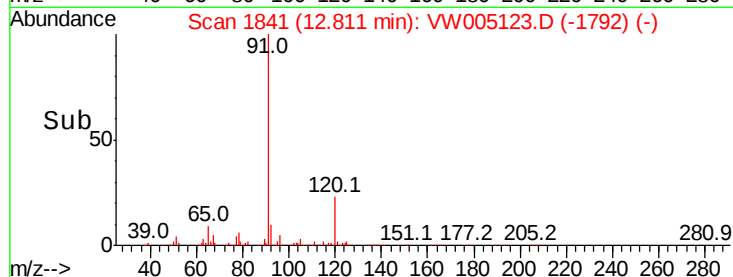
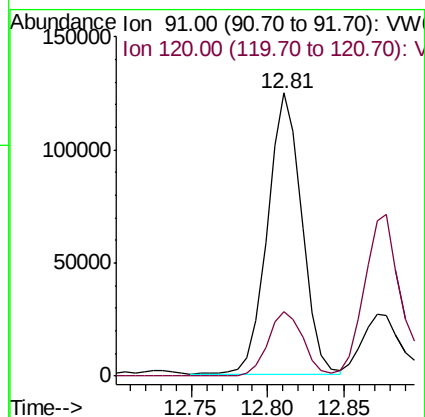
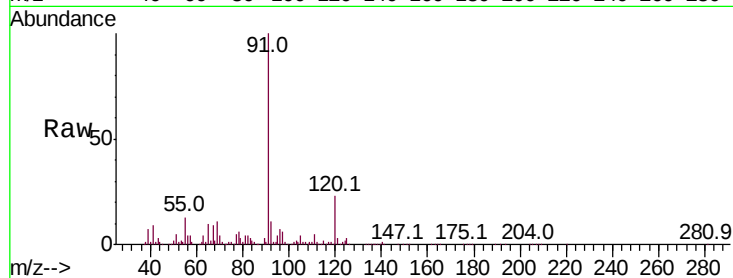
ClientSampled :

Tot Ion: 91 Resp: 193400

Ion Ratio Lower Upper

91 100

120 23.3 11.8 35.3



#79

2-Chlorotoluene

Concen: 29.670 ug/l

RT: 12.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: VW005123.D

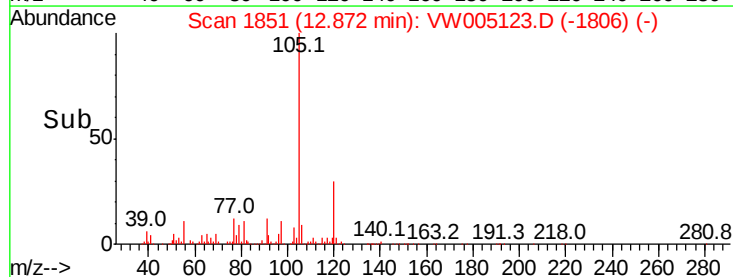
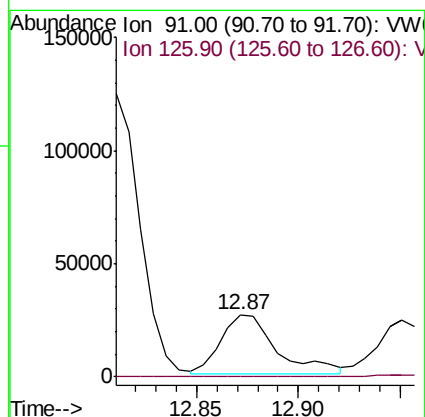
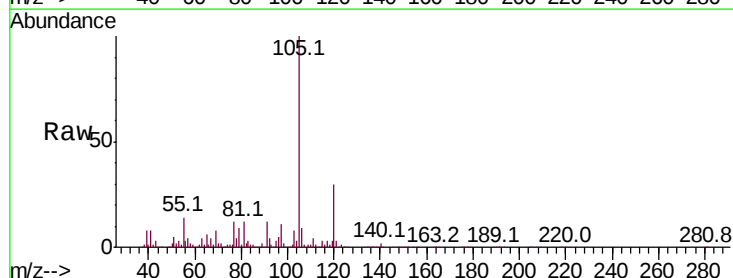
Acq: 05 Sep 2018 11:29

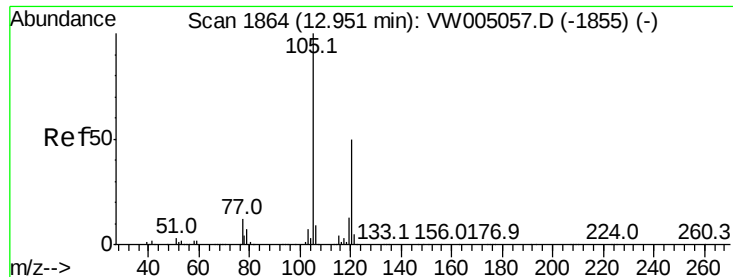
Tgt Ion: 91 Resp: 49693

Ion Ratio Lower Upper

91 100

126 0.7 17.3 52.0#





#80

1,3,5-Trimethylbenzene

Concen: 157.211 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

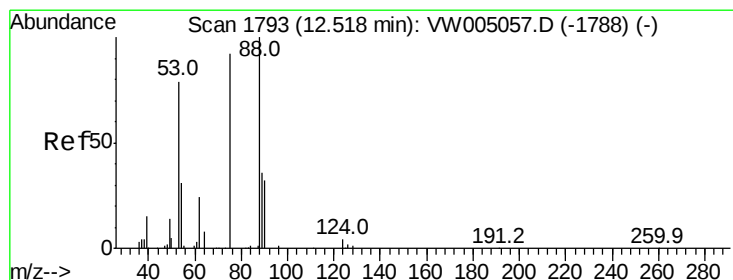
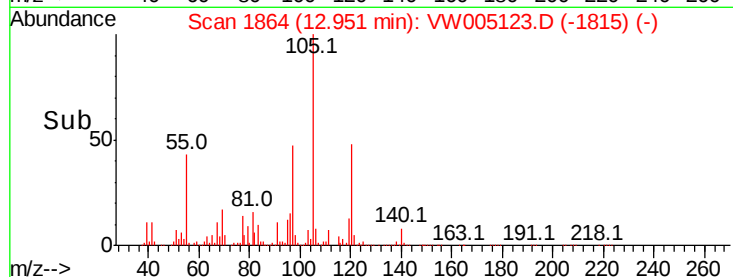
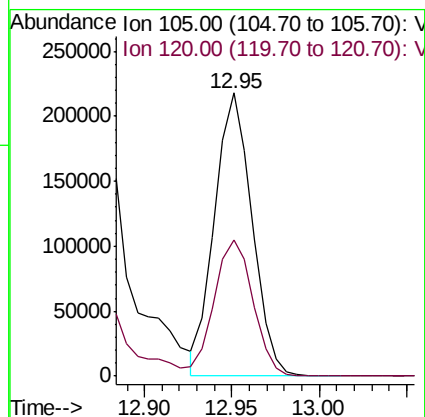
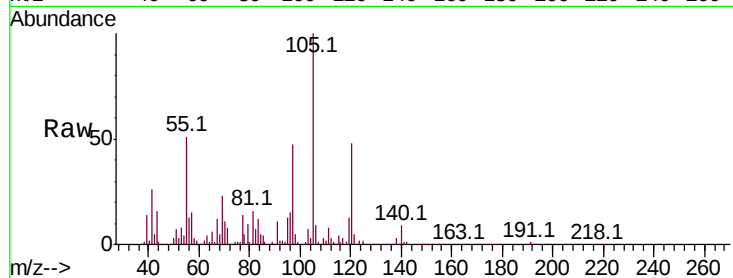
ClientSampled :

Tot Ion:105 Resp: 323302

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.8



#81

trans-1,4-Dichloro-2-butene

Concen: 10.658 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.05 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

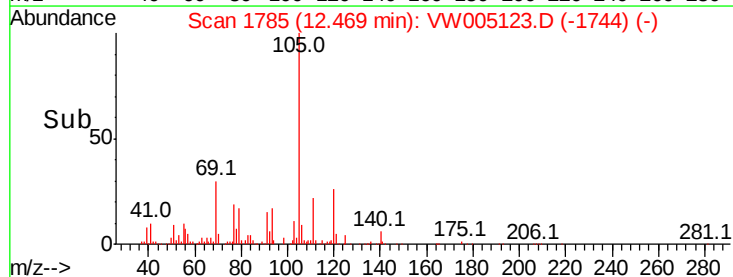
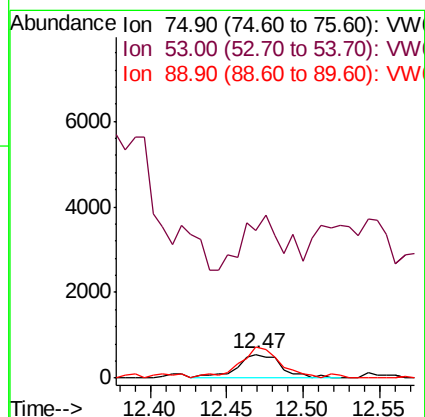
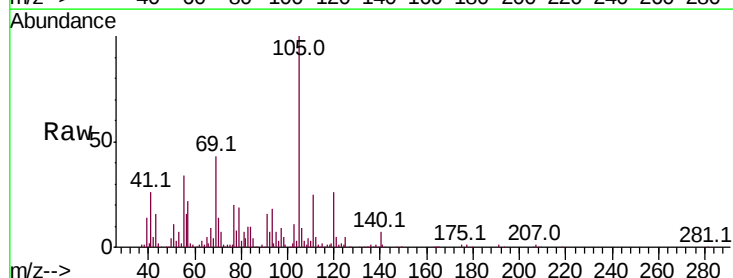
Tgt Ion: 75 Resp: 1121

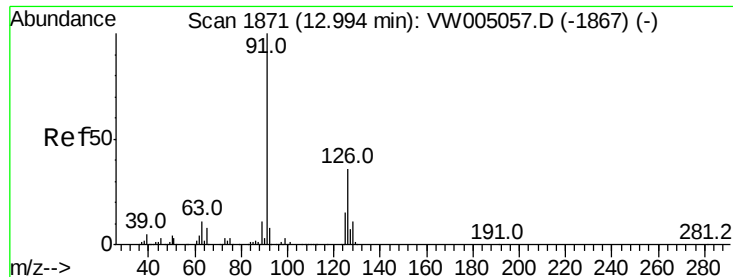
Ion Ratio Lower Upper

75 100

53 171.5 69.8 104.8#

89 120.4 36.0 54.0#

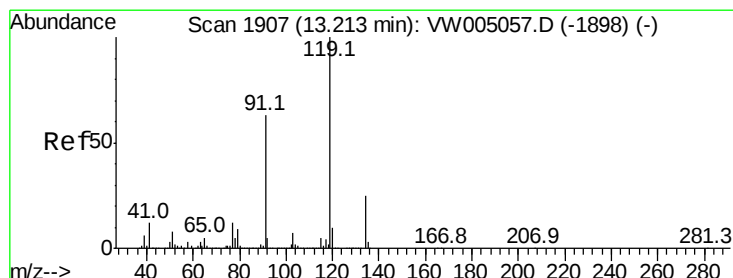
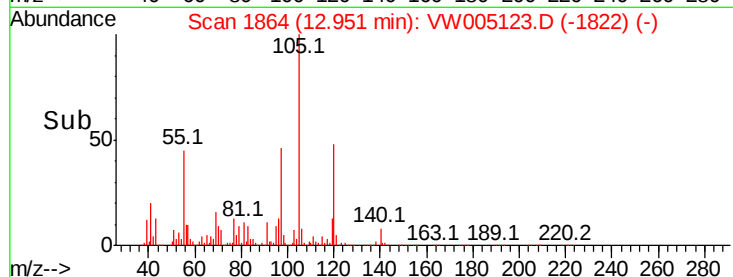
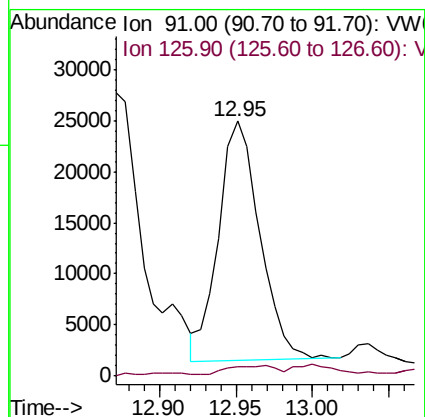
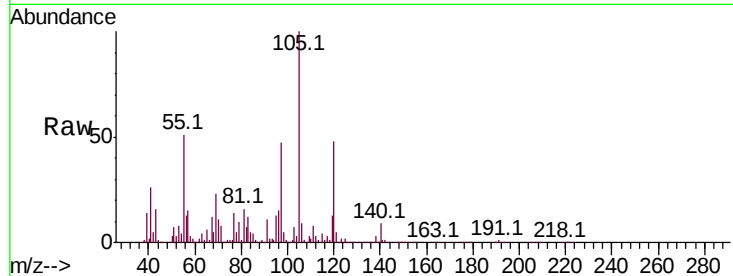




#82
4-Chlorotoluene
Concen: 24.755 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. -0.04 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

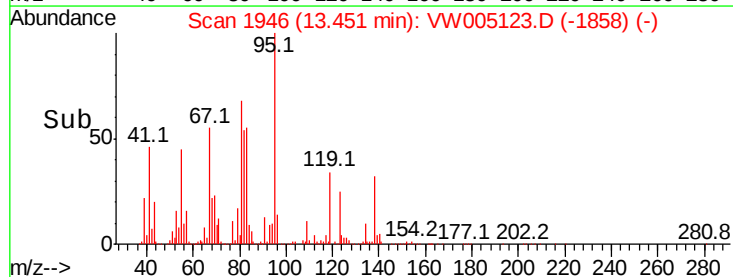
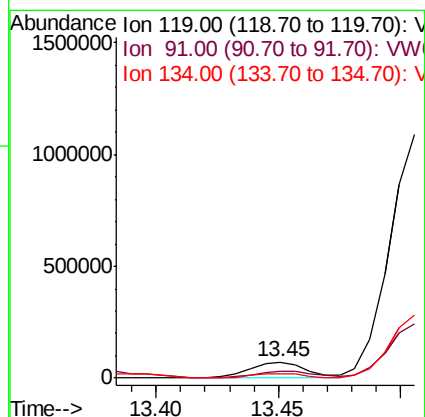
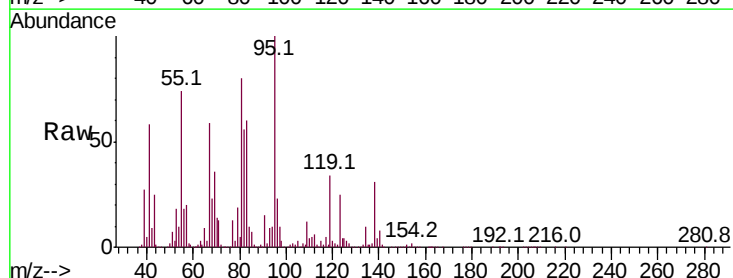
Instrument :
MSVOA_W
ClientSampleId :

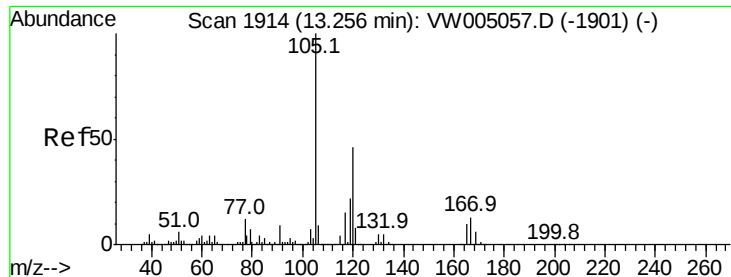
Tot Ion: 91 Resp: 43781
Ion Ratio Lower Upper
91 100
126 4.6 17.4 52.3#



#83
tert-Butylbenzene
Concen: 66.410 ug/l
RT: 13.45 min Scan# 1946
Delta R.T. 0.24 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion: 119 Resp: 114051
Ion Ratio Lower Upper
119 100
91 42.4 31.8 95.4
134 26.5 13.0 39.0

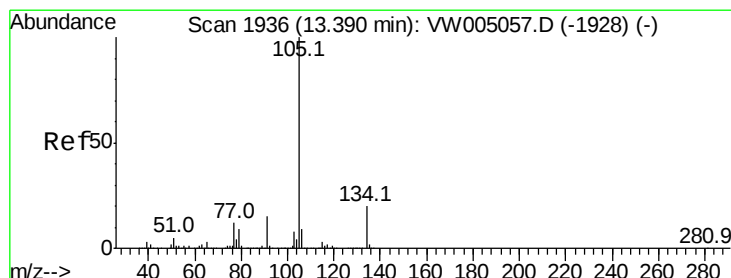
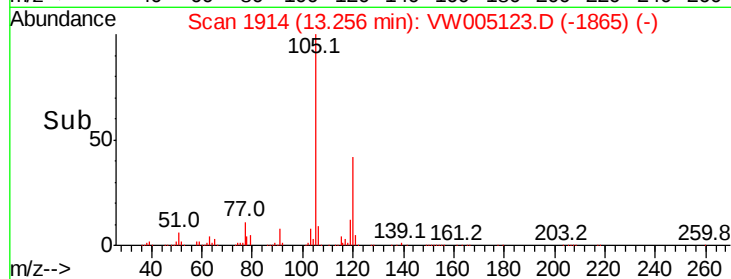
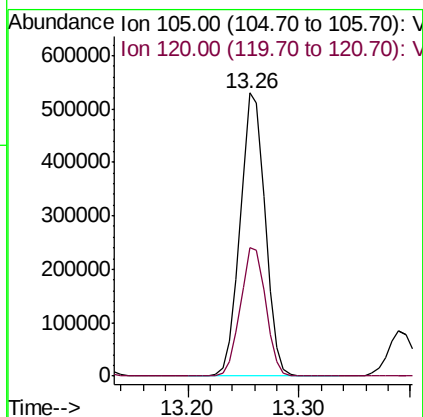
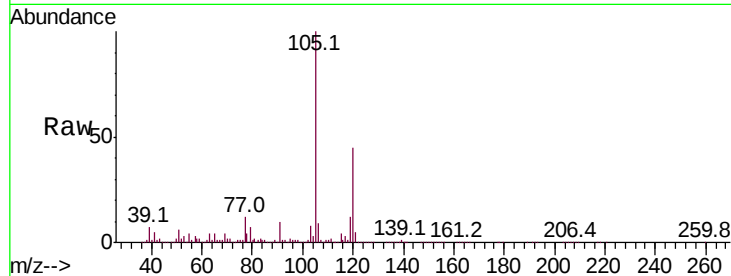




#84
 1,2,4-Trimethylbenzene
 Concen: 392.437 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

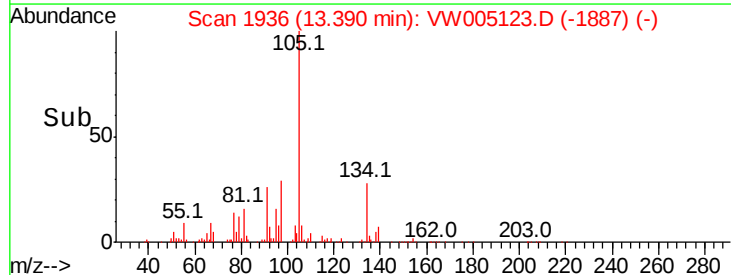
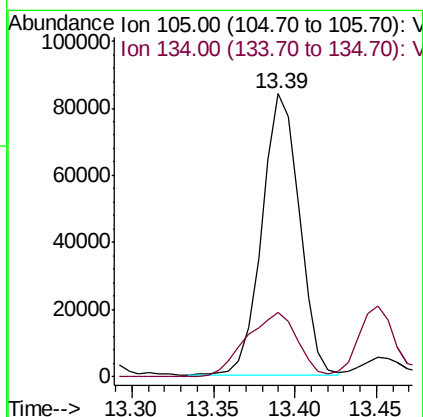
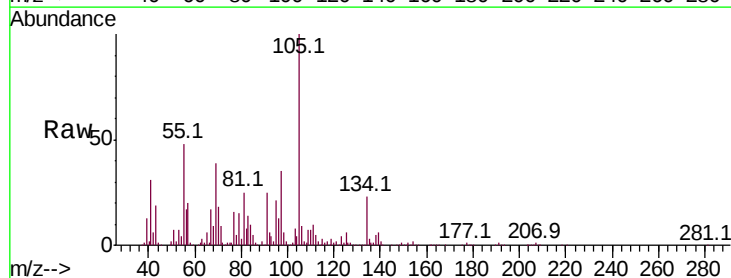
Instrument :
 MSVOA_W
 ClientSampled :

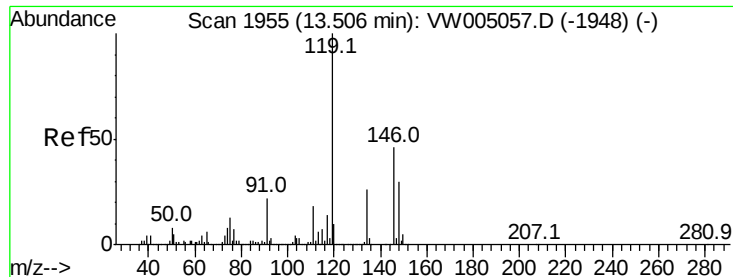
Tot Ion:105 Resp: 821913
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 52.444 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Tgt Ion:105 Resp: 132363
 Ion Ratio Lower Upper
 105 100
 134 31.5 10.1 30.3#

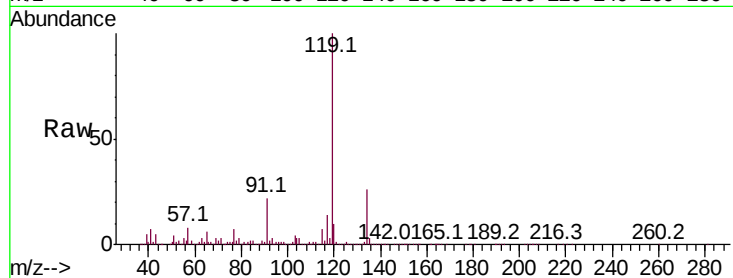




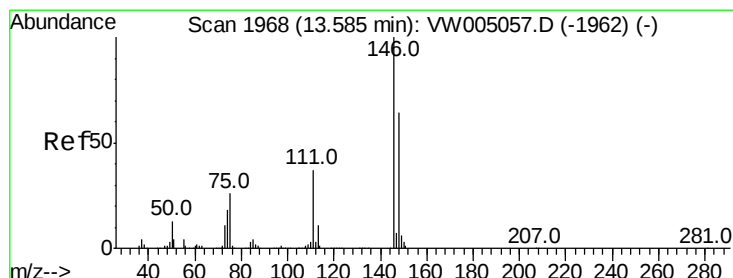
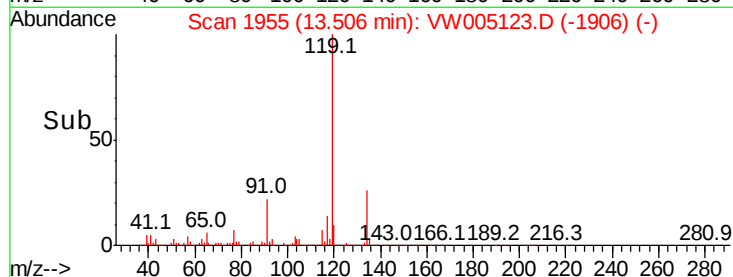
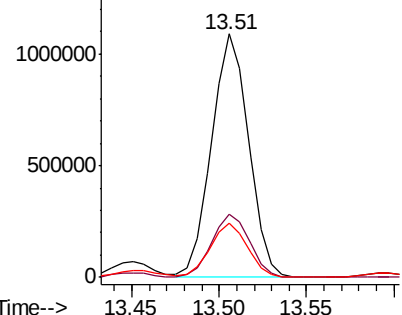
#86
 p-Isopropyltoluene
 Concen: 719.331 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:119 Resp: 1607085
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.1 10.9 32.9

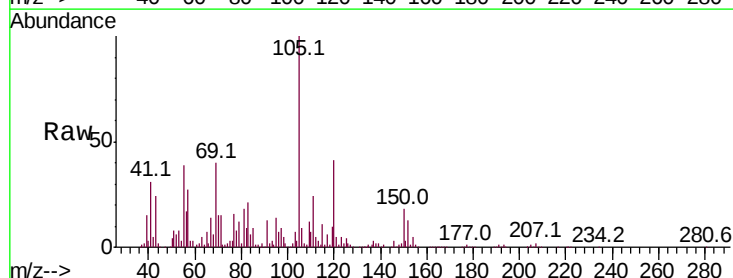


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

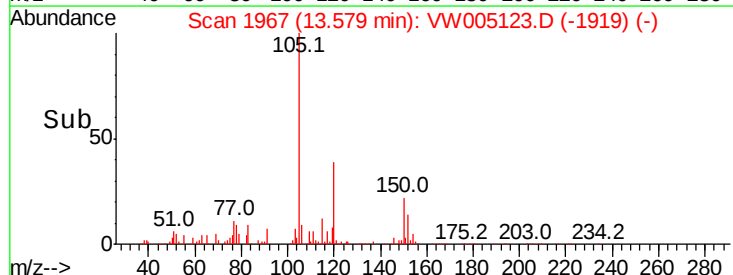
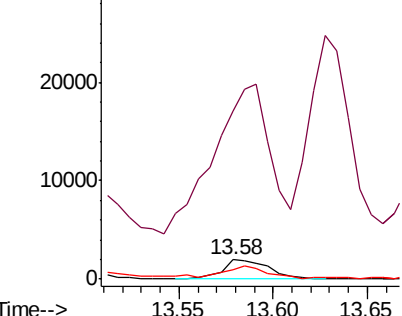


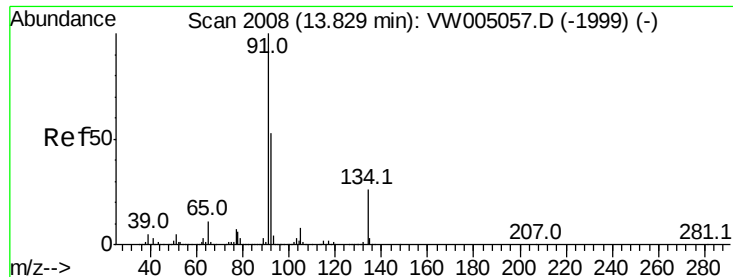
#88
 1,4-Dichlorobenzene
 Concen: 2.767 ug/l
 RT: 13.58 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: VW005123.D
 Acq: 05 Sep 2018 11:29

Tgt Ion:146 Resp: 3304
 Ion Ratio Lower Upper
 146 100
 111 957.7 18.6 56.0#
 148 58.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

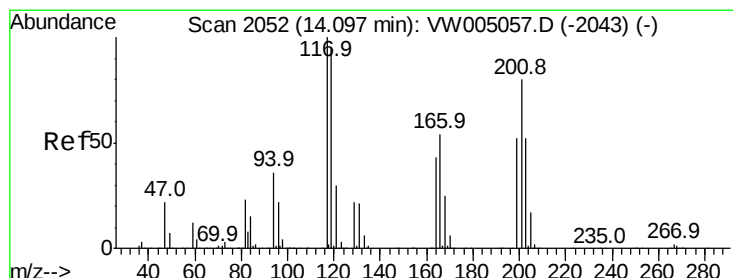
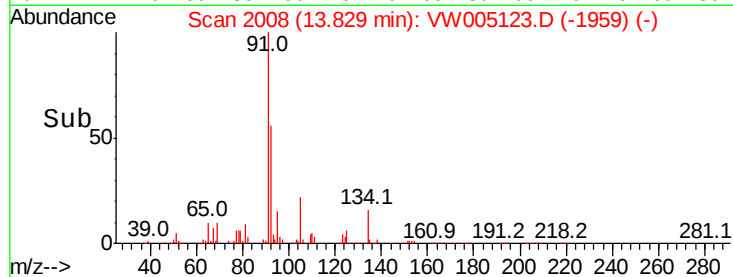
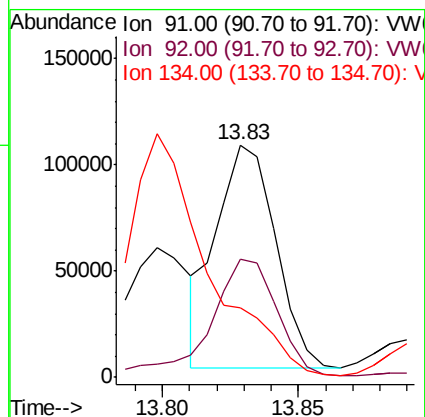
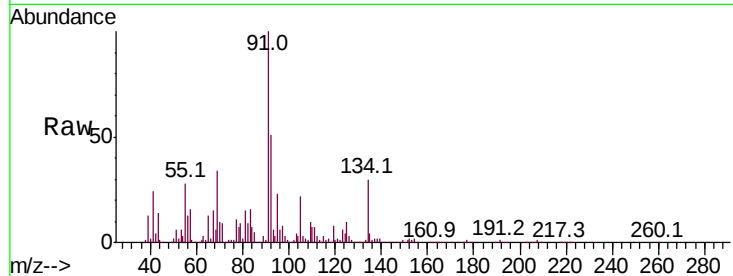




#89
n-Butylbenzene
Concen: 77.110 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

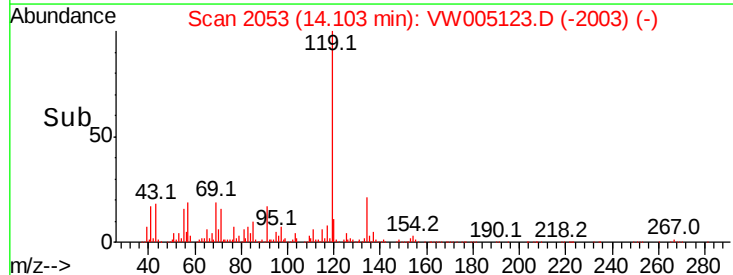
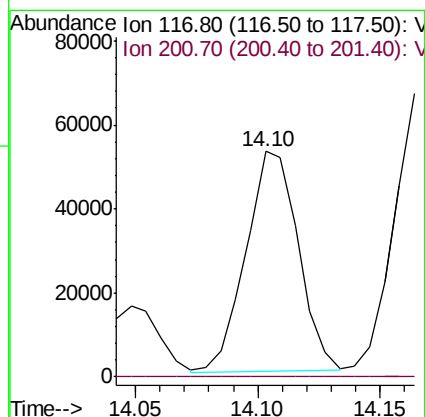
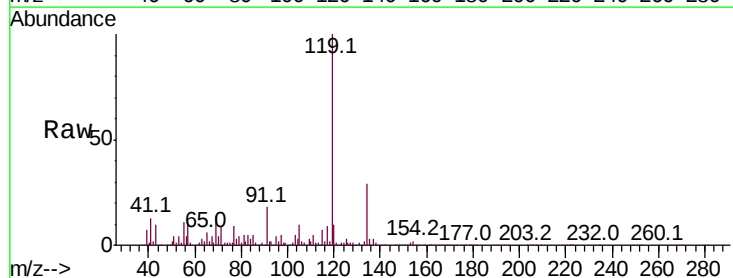
Instrument :
MSVOA_W
ClientSampled :

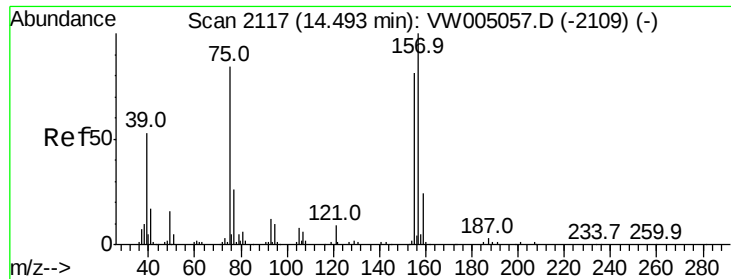
Tot Ion: 91 Resp: 159659
Ion Ratio Lower Upper
91 100
92 57.4 26.5 79.5
134 0.0 13.5 40.4#



#90
Hexachloroethane
Concen: 210.399 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW005123.D
Acq: 05 Sep 2018 11:29

Tgt Ion: 117 Resp: 78080
Ion Ratio Lower Upper
117 100
201 0.0 44.6 133.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 41.487 ug/l

RT: 14.51 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

ClientSampled :

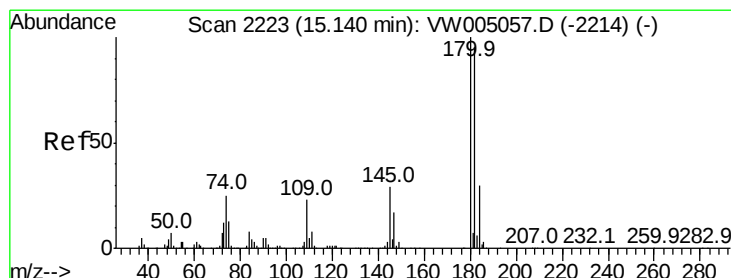
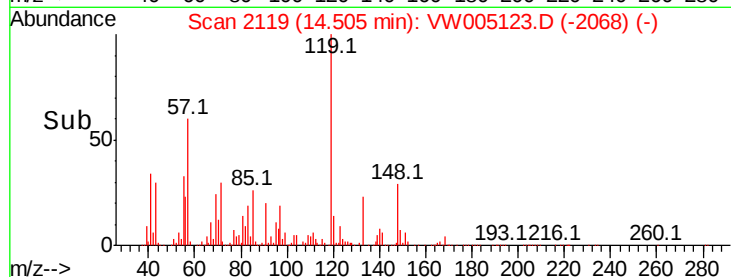
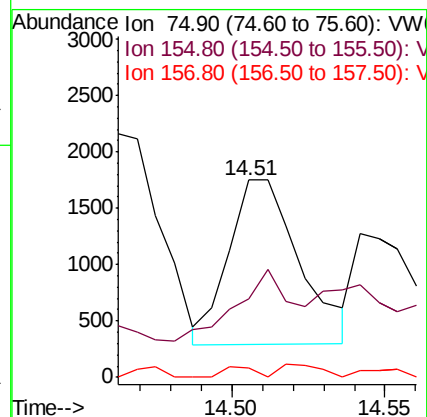
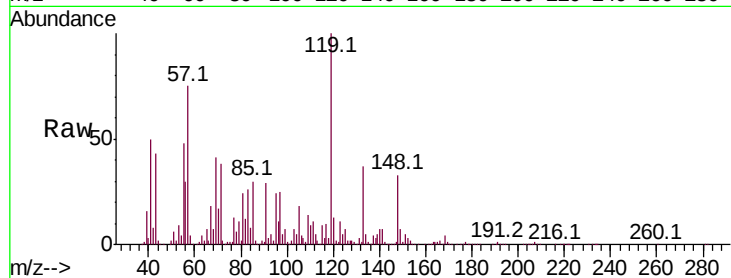
Tot Ion: 75 Resp: 2347

Ion Ratio Lower Upper

75 100

155 33.7 46.0 137.8#

157 4.7 58.6 175.7#



#93

1,2,4-Trichlorobenzene

Concen: 11.322 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. 0.01 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

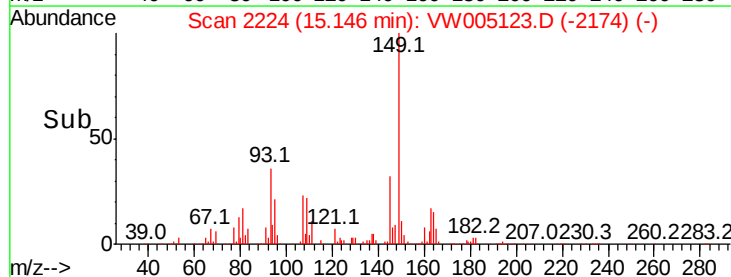
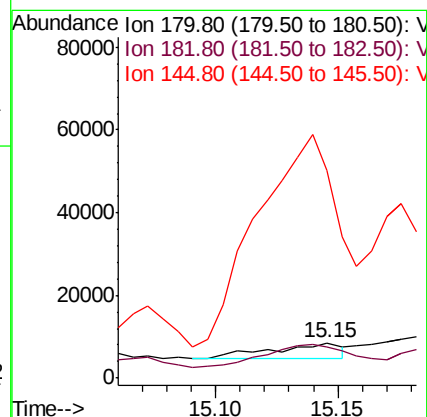
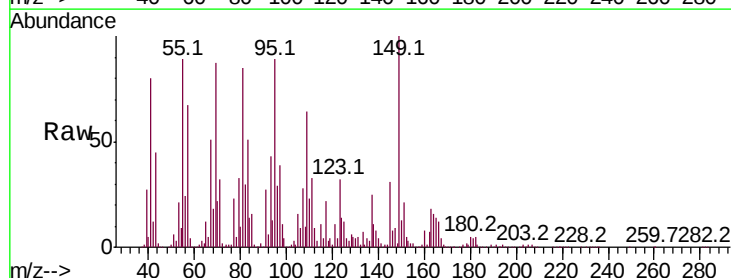
Tgt Ion: 180 Resp: 7964

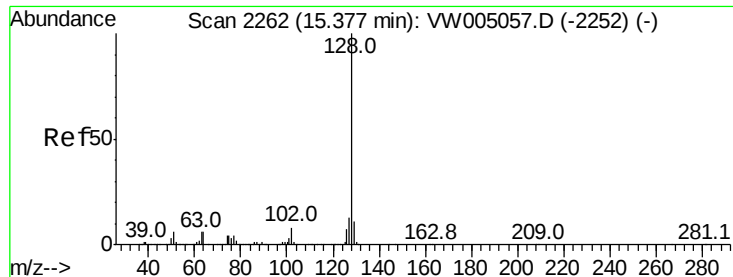
Ion Ratio Lower Upper

180 100

182 179.0 47.5 142.6#

145 1847.9 14.4 43.2#





#95

Naphthalene

Concen: 81.982 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

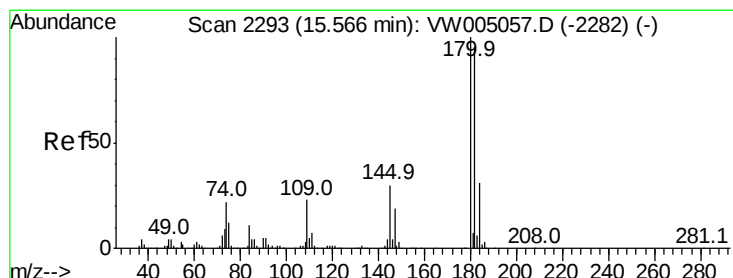
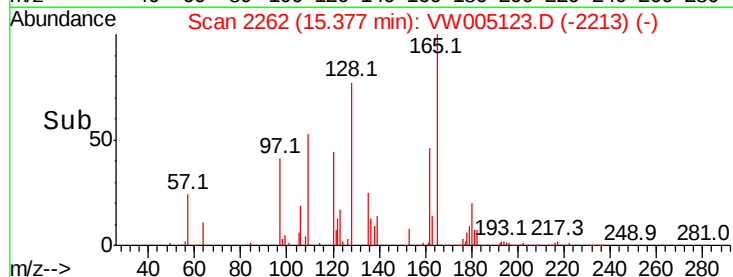
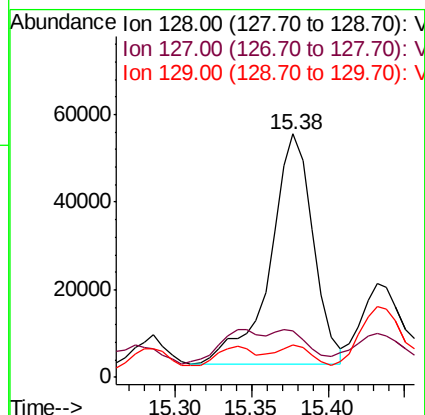
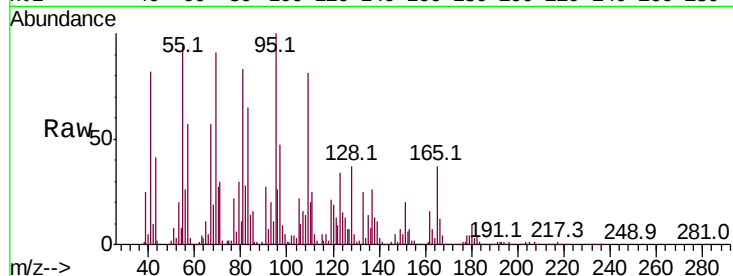
Tot Ion:128 Resp: 103052

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 6.5 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 131.943 ug/l

RT: 15.59 min Scan# 2297

Delta R.T. 0.02 min

Lab File: VW005123.D

Acq: 05 Sep 2018 11:29

Tgt Ion:180 Resp: 79429

Ion Ratio Lower Upper

180 100

182 0.0 47.4 142.3#

145 0.0 15.4 46.1#

