

Data File : VW012100.D
Acq On : 22 Aug 2019 10:40
Operator : SY/VA
Sample : VW0822SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Quant Time: Aug 23 07:56:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151333	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	144970	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	
35) Dibromofluoromethane	7.88	113	117612	58.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.94%	
50) Toluene-d8	10.32	98	468068	57.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.64%	
62) 4-Bromofluorobenzene	12.61	95	167466	57.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27930	22.384	ug/l	96
3) Chloromethane	2.21	50	45820	21.177	ug/l	99
4) Vinyl Chloride	2.36	62	54915	21.081	ug/l	100
5) Bromomethane	2.76	94	25384	17.605	ug/l	99
6) Chloroethane	2.88	64	27159	18.252	ug/l	97
7) Trichlorofluoromethane	3.23	101	24633	21.159	ug/l	99
8) Diethyl Ether	3.67	74	28243	21.397	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47492	21.505	ug/l	99
10) Methyl Iodide	4.26	142	59916	19.199	ug/l	99
11) Tert butyl alcohol	5.20	59	19262	90.119	ug/l	99
12) 1,1-Dichloroethene	4.03	96	47046	20.176	ug/l	97
13) Acrolein	3.89	56	12358	66.992	ug/l	95
14) Allyl chloride	4.66	41	102317	20.631	ug/l	99
15) Acrylonitrile	5.36	53	75379	114.401	ug/l	100
16) Acetone	4.12	43	71366	87.266	ug/l	95
17) Carbon Disulfide	4.37	76	126340	17.312	ug/l	99
18) Methyl Acetate	4.67	43	42815	23.305	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	83576	22.587	ug/l	100
20) Methylene Chloride	4.90	84	55370	19.632	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	50846	20.226	ug/l	98
22) Diisopropyl ether	6.31	45	203433	21.757	ug/l	95
23) Vinyl Acetate	6.25	43	631103	107.417	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106903	21.348	ug/l	98
25) 2-Butanone	7.17	43	105365	98.462	ug/l	99
26) 2,2-Dichloropropane	7.16	77	57476	18.663	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	57563	20.805	ug/l	98
28) Bromochloromethane	7.51	49	50291	22.626	ug/l #	100
29) Tetrahydrofuran	7.53	42	69877	114.237	ug/l	99
30) Chloroform	7.67	83	98234	21.263	ug/l	96
31) Cyclohexane	7.95	56	100848	20.980	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	75434	21.440	ug/l	99
36) 1,1-Dichloropropene	8.08	75	81959	22.173	ug/l	99
37) Ethyl Acetate	7.25	43	48958	23.021	ug/l	98
38) Carbon Tetrachloride	8.06	117	69128	21.846	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	89371	21.957	ug/l	98
40) Benzene	8.32	78	223060	21.544	ug/l	99
41) Methacrylonitrile	7.48	41	31444	24.735	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72566	22.386	ug/l	100
43) Isopropyl Acetate	8.42	43	89664	22.926	ug/l	98
44) Trichloroethene	9.09	130	53590	21.535	ug/l	94
45) 1,2-Dichloropropane	9.37	63	61304	22.129	ug/l	99
46) Dibromomethane	9.46	93	27456	21.714	ug/l	99
47) Bromodichloromethane	9.64	83	70151	21.150	ug/l	99
48) Methyl methacrylate	9.44	41	40810	21.722	ug/l	98
49) 1,4-Dioxane	9.46	88	8108	442.861	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	233519	114.789	ug/l	99
52) Toluene	10.38	92	135127	21.611	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	72502	20.926	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	86240	20.934	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39927	22.255	ug/l	95
56) Ethyl methacrylate	10.65	69	58102	22.132	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74533	21.959	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	156907	131.636	ug/l	99
59) 2-Hexanone	10.97	43	158930	110.647	ug/l	100
60) Dibromochloromethane	11.13	129	42226	21.204	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37113	21.860	ug/l	100
64) Tetrachloroethene	10.86	164	44379	21.981	ug/l	99
65) Chlorobenzene	11.66	112	135282	21.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46004	21.186	ug/l	97
67) Ethyl Benzene	11.73	91	262587	22.116	ug/l	99
68) m/p-Xylenes	11.84	106	189419	43.869	ug/l	100
69) o-Xylene	12.16	106	87664	21.848	ug/l	99
70) Styrene	12.18	104	150712	21.724	ug/l	100
71) Bromoform	12.35	173	23323	21.066	ug/l #	96
73) Isopropylbenzene	12.46	105	246539	21.837	ug/l	100
74) N-amyl acetate	12.27	43	77735	21.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48480	22.829	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	63099	39.405	ug/l #	100
77) Bromobenzene	12.75	156	53700	21.520	ug/l	98
78) n-propylbenzene	12.80	91	303370	22.080	ug/l	100
79) 2-Chlorotoluene	12.89	91	169904	21.465	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	206762	21.848	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14896	21.439	ug/l	97
82) 4-Chlorotoluene	12.99	91	180022	21.676	ug/l	100
83) tert-Butylbenzene	13.21	119	176793	22.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	207730	21.790	ug/l	100
85) sec-Butylbenzene	13.38	105	249475	22.093	ug/l	99
86) p-Isopropyltoluene	13.50	119	226238	22.082	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	104096	21.275	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	103458	21.256	ug/l	98
89) n-Butylbenzene	13.82	91	223967	21.905	ug/l	99
90) Hexachloroethane	14.09	117	37227	20.548	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	92305	21.330	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7971	22.011	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082219\
Quantitation Report (Not Reviewed)

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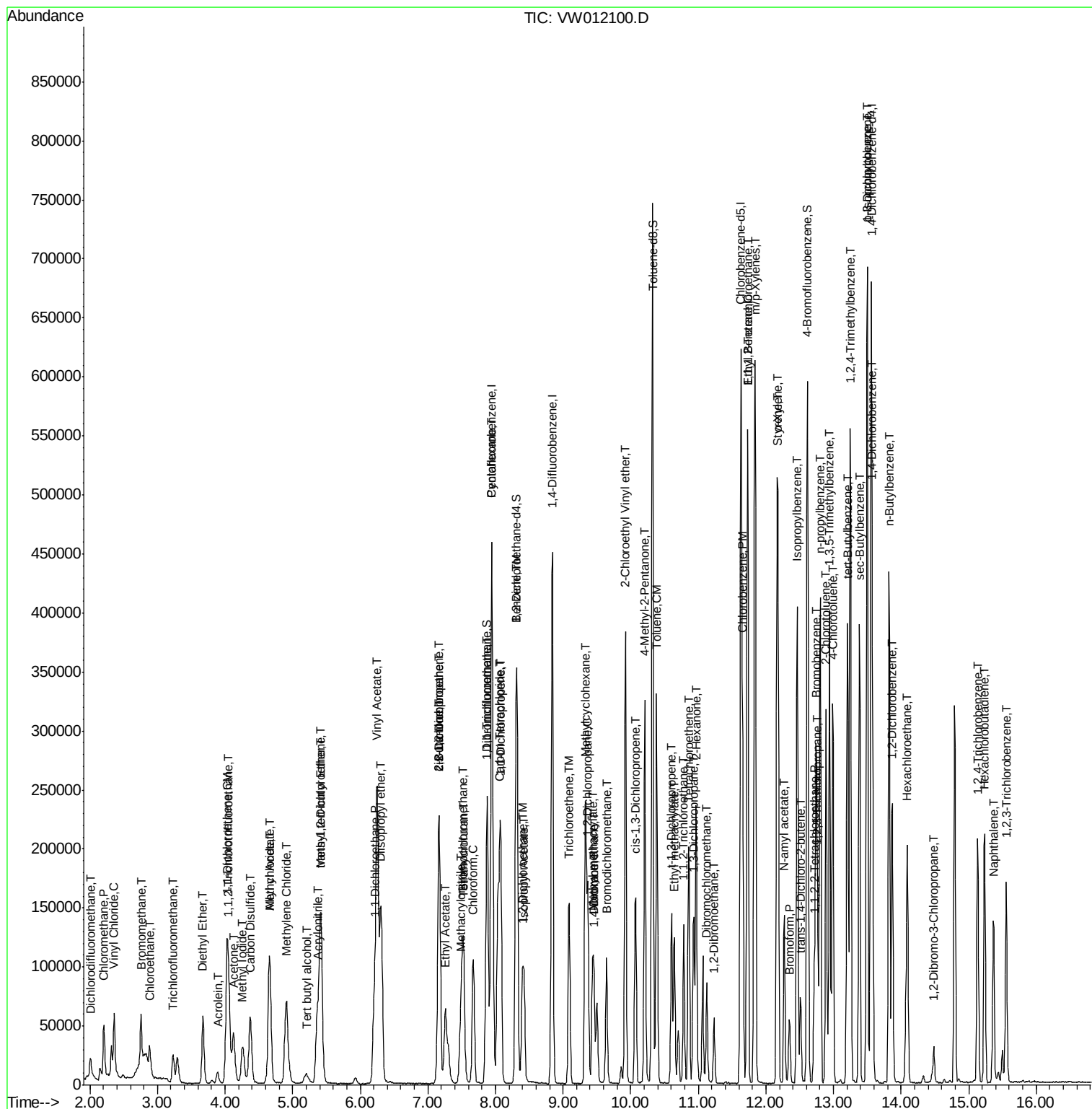
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	63654	20.871	ug/l	99
94) Hexachlorobutadiene	15.24	225	41559	21.850	ug/l	97
95) Naphthalene	15.36	128	114599	20.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	57003	21.322	ug/l	100

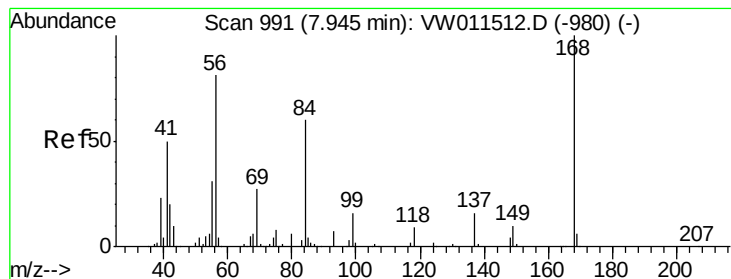
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

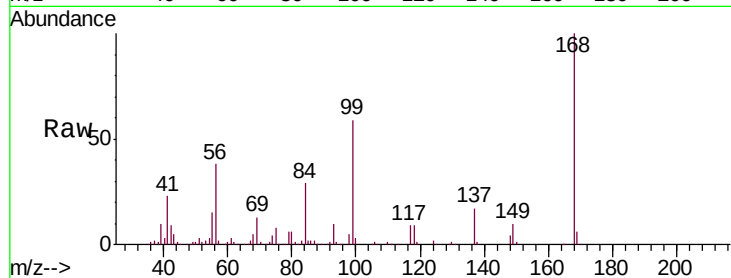
VW0822SBS01

Tgt Ion:168 Resp: 223891

Ion Ratio Lower Upper

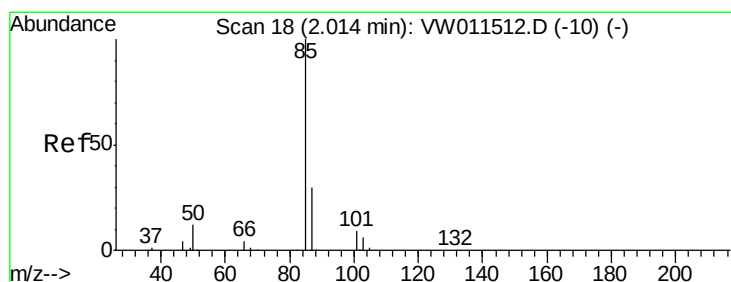
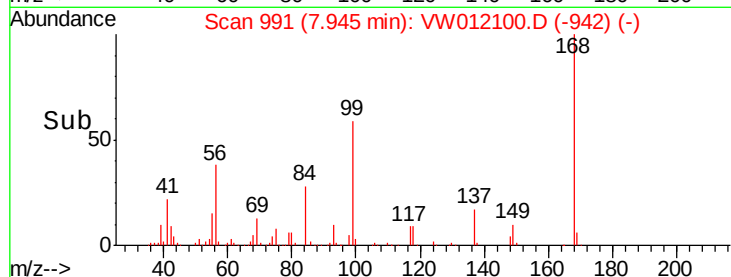
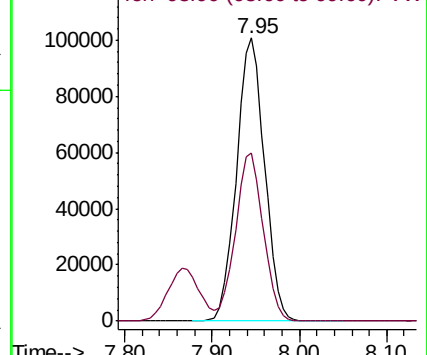
168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.384 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012100.D

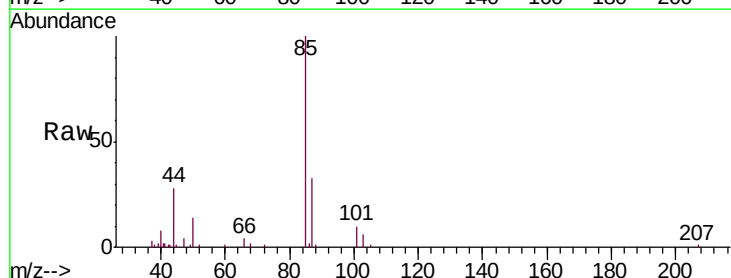
Acq: 22 Aug 2019 10:40

Tgt Ion: 85 Resp: 27930

Ion Ratio Lower Upper

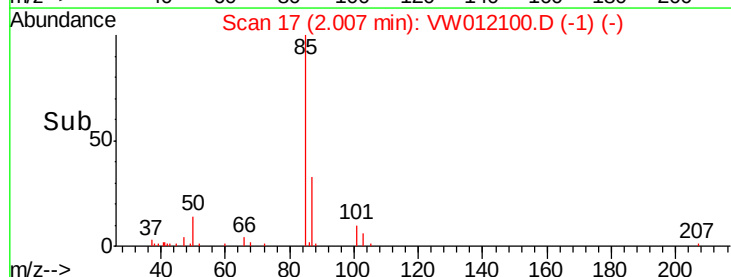
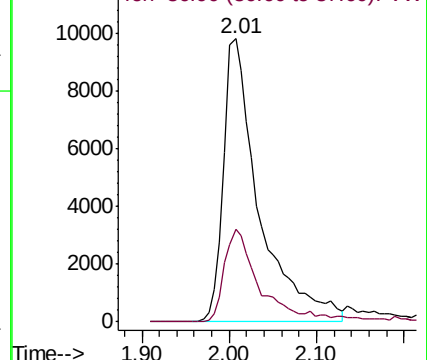
85 100

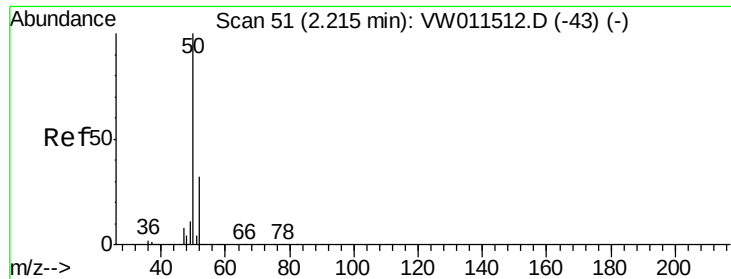
87 32.6 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.177 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

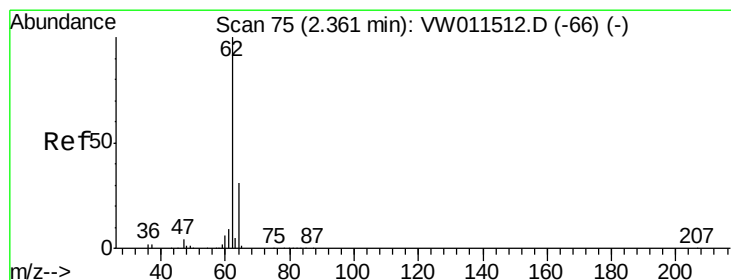
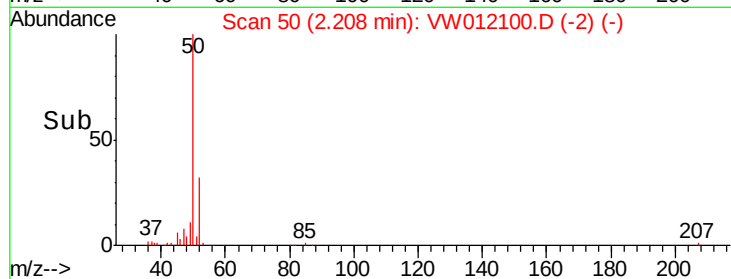
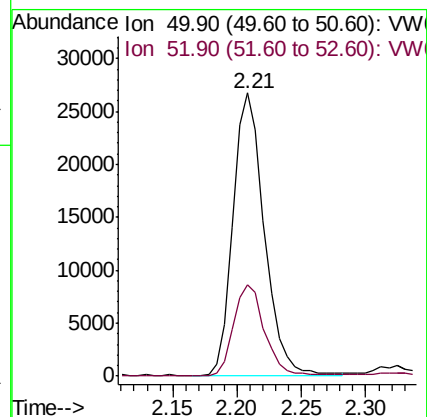
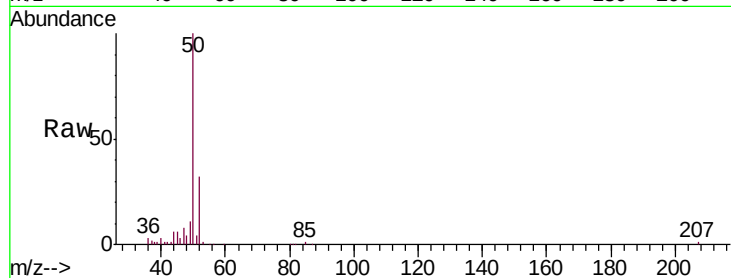
VW0822SBS01

Tgt Ion: 50 Resp: 45820

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 21.081 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012100.D

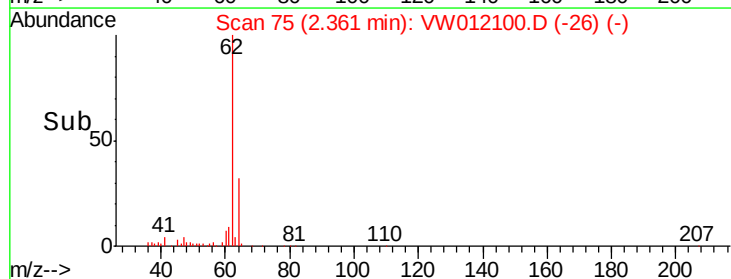
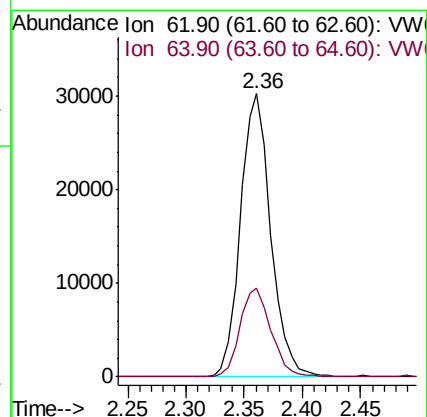
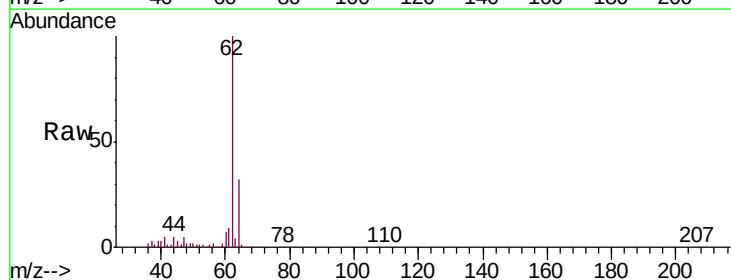
Acq: 22 Aug 2019 10:40

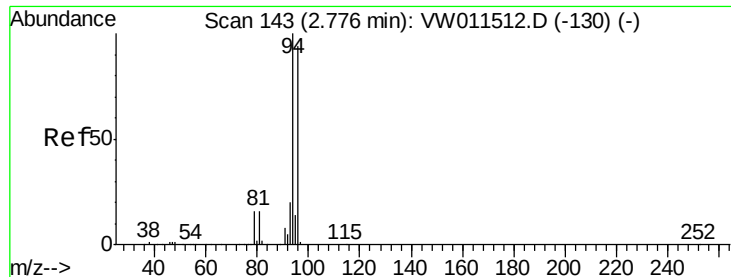
Tgt Ion: 62 Resp: 54915

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4





#5

Bromomethane

Concen: 17.605 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.02 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

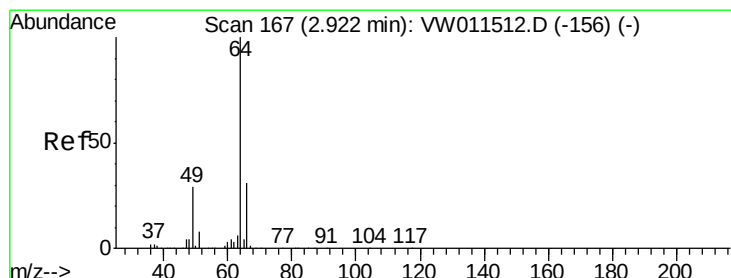
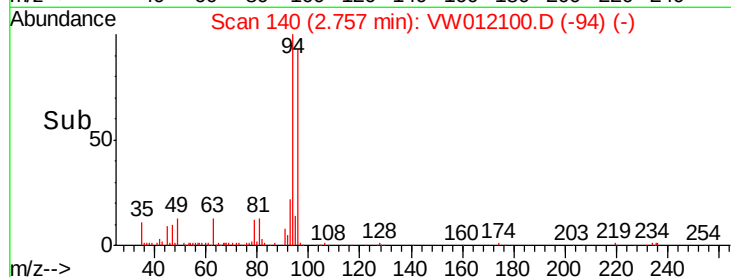
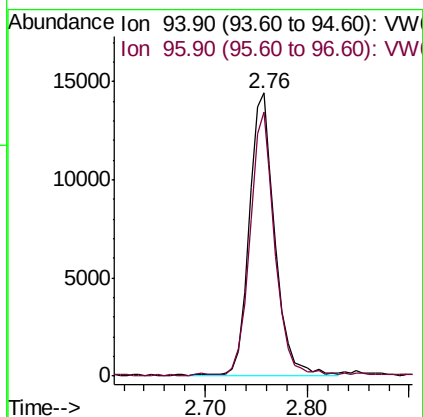
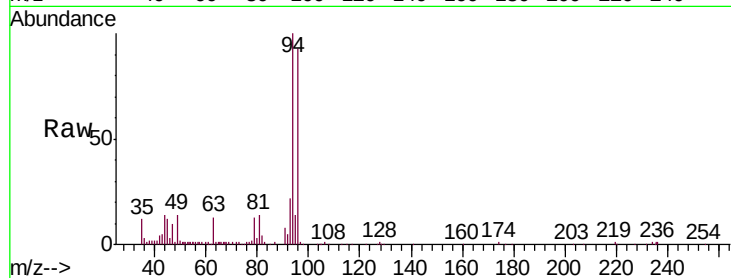
VW0822SBS01

Tgt Ion: 94 Resp: 25384

Ion Ratio Lower Upper

94 100

96 93.2 75.0 112.6



#6

Chloroethane

Concen: 18.252 ug/l

RT: 2.88 min Scan# 161

Delta R.T. -0.04 min

Lab File: VW012100.D

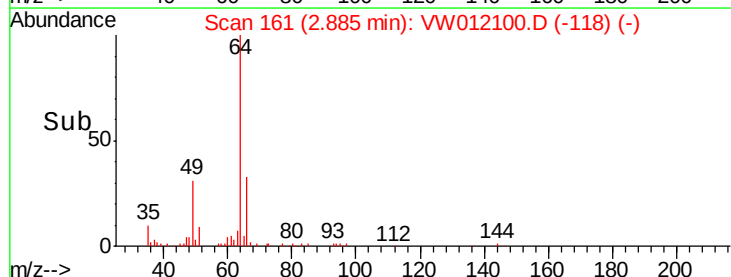
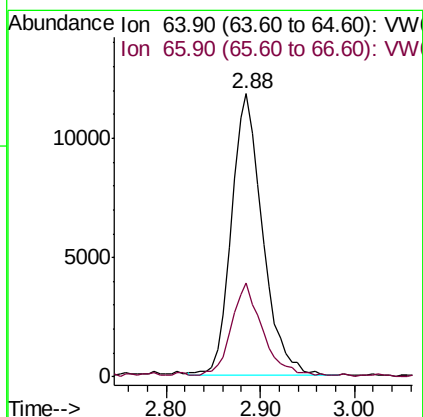
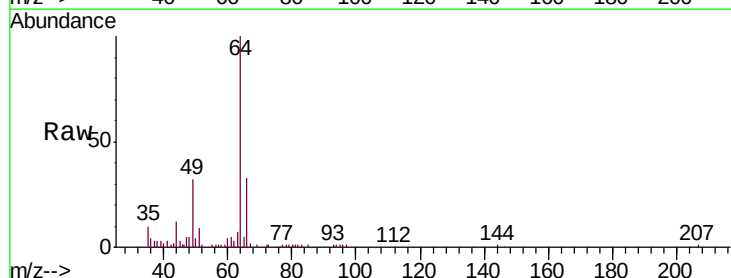
Acq: 22 Aug 2019 10:40

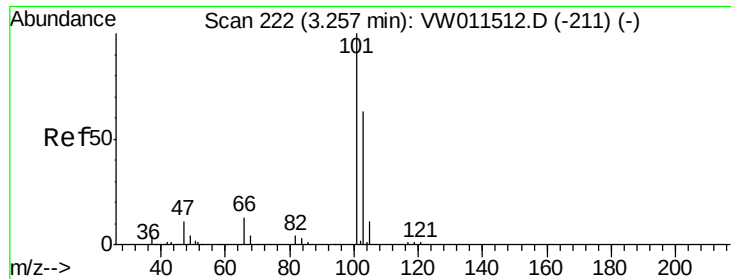
Tgt Ion: 64 Resp: 27159

Ion Ratio Lower Upper

64 100

66 32.6 24.6 36.8



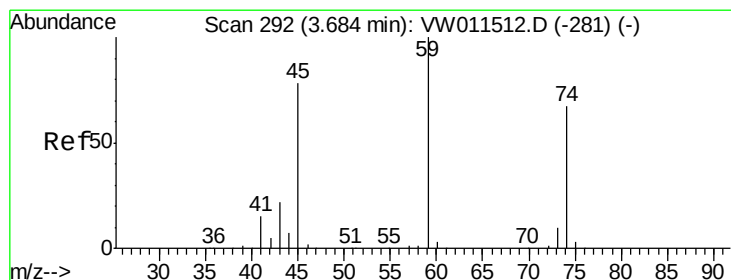
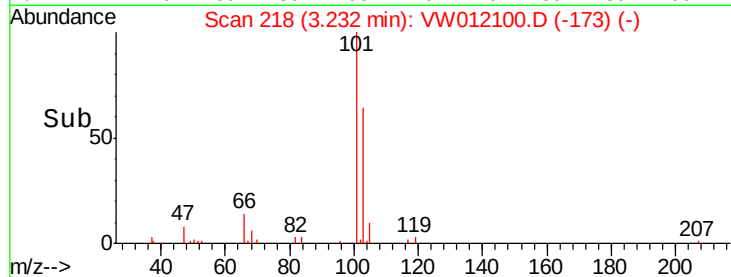
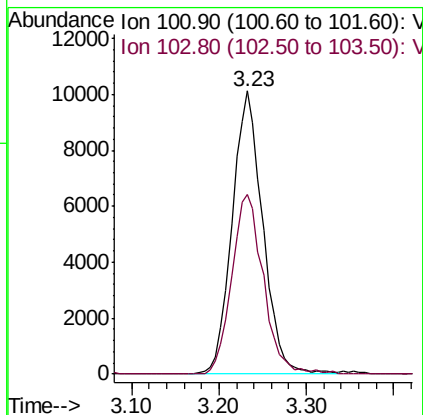
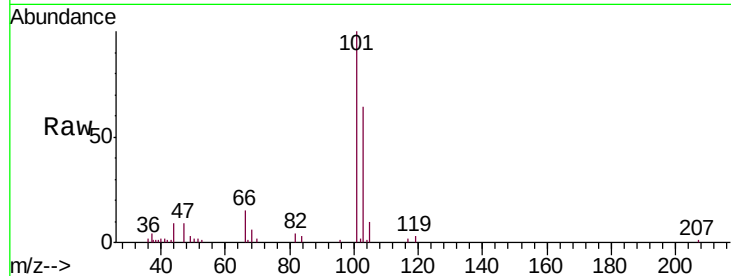


#7

Trichlorofluoromethane
 Concen: 21.159 ug/l
 RT: 3.23 min Scan# 218
 Delta R.T. -0.02 min
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Instrument :
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 ClientSampleId :
 VW0822SBS01

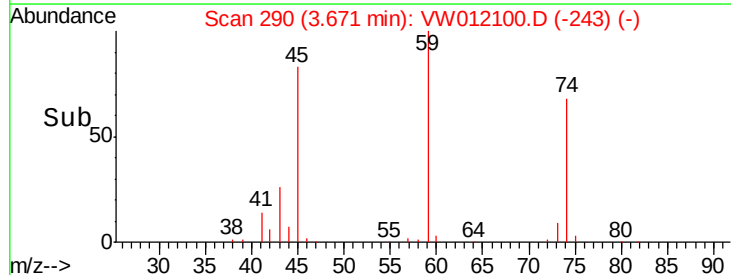
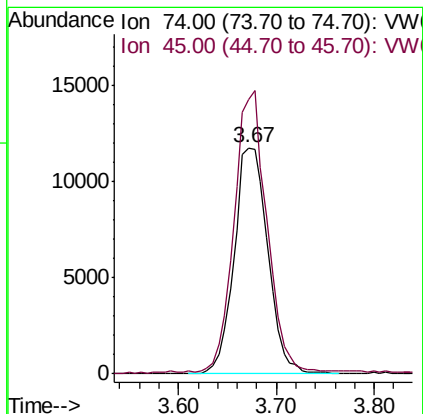
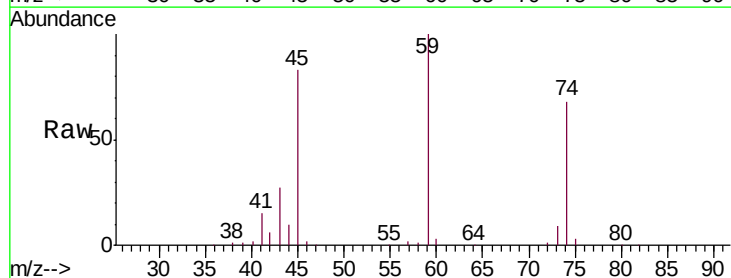
Tgt Ion:101 Resp: 24633
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.2 75.4

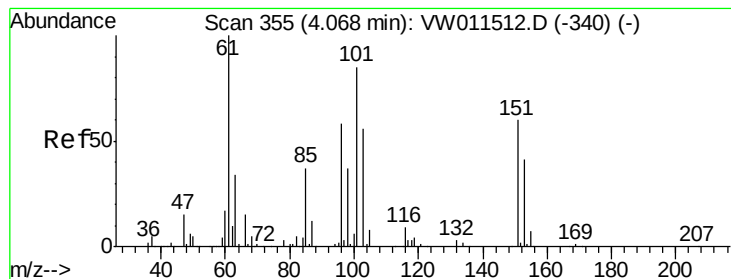


#8

Diethyl Ether
 Concen: 21.397 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 74 Resp: 28243
 Ion Ratio Lower Upper
 74 100
 45 120.3 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.505 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012100.D

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Instrument :

MSVOA_W

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VW0822SBS01

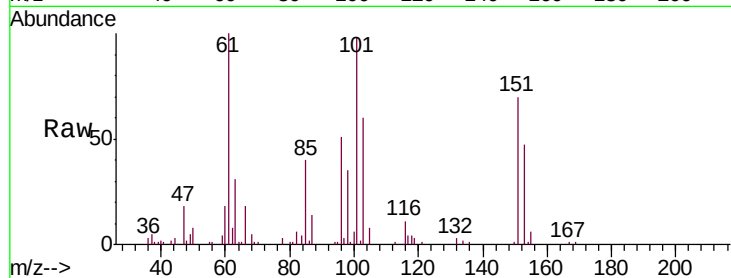
Tgt Ion:101 Resp: 47492

Ion Ratio Lower Upper

101 100

85 45.6 36.6 54.8

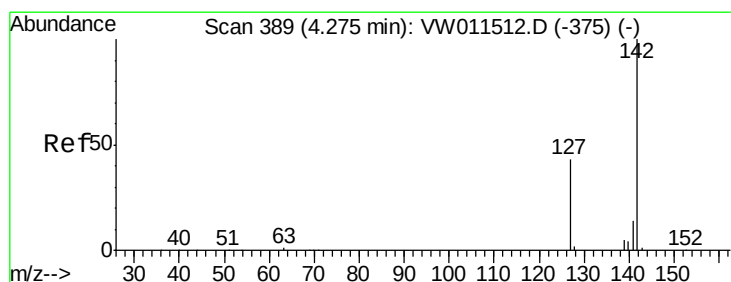
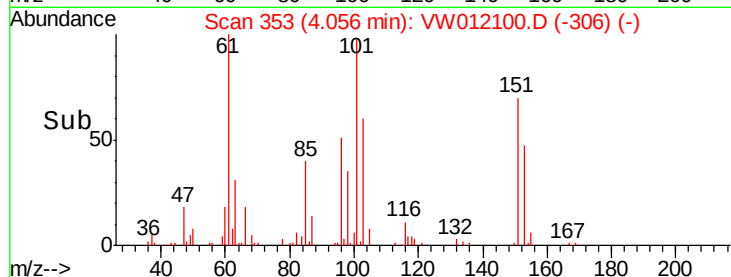
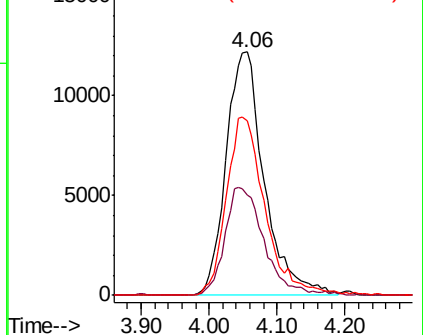
151 74.5 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.199 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.02 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

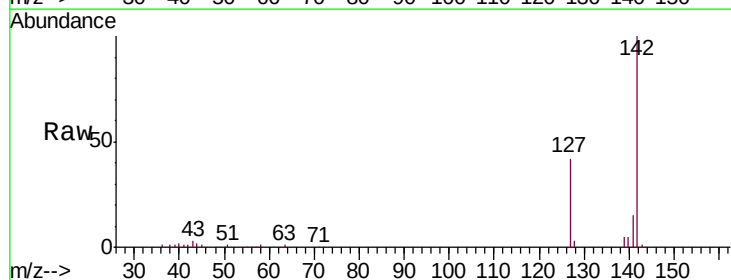
Tgt Ion:142 Resp: 59916

Ion Ratio Lower Upper

142 100

127 44.4 35.0 52.6

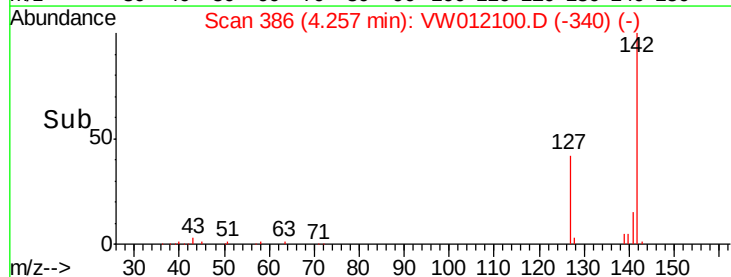
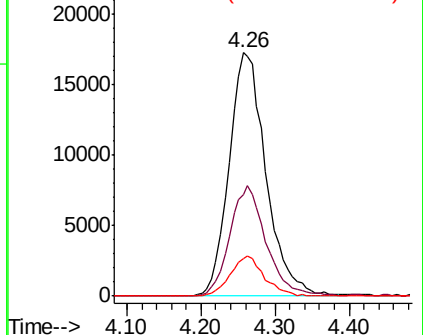
141 15.0 11.9 17.9

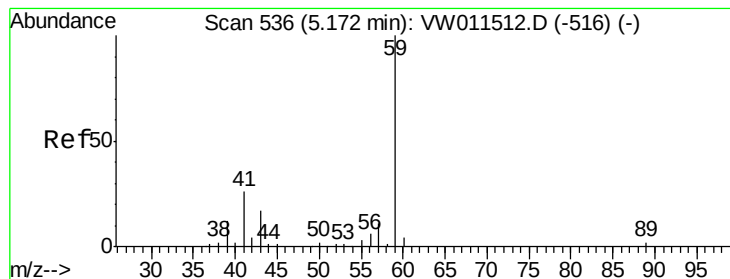


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



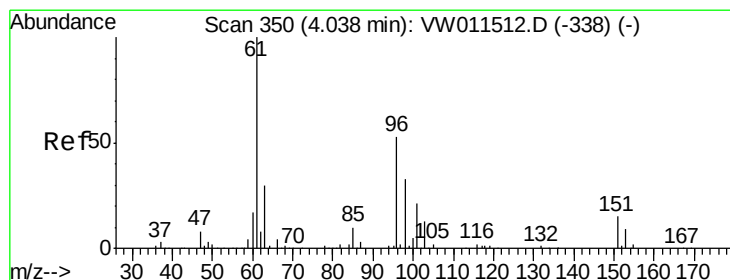
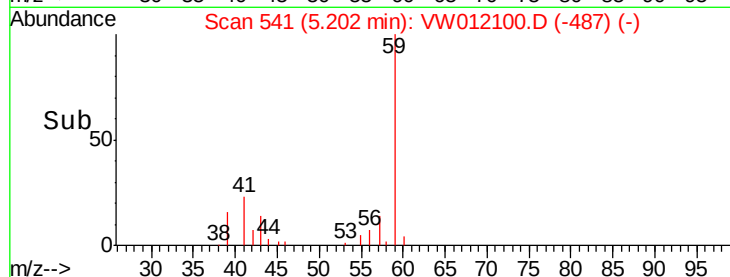
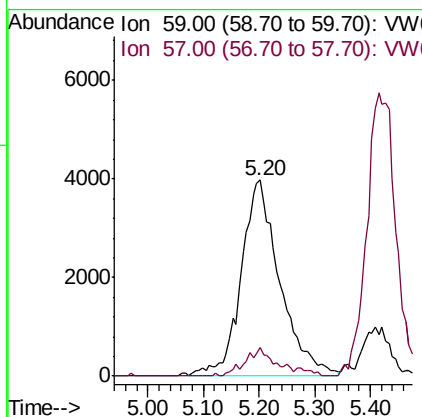
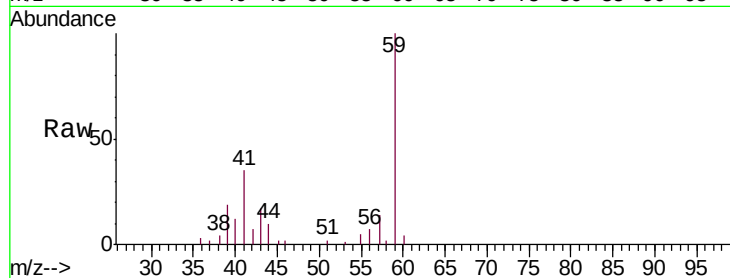


#11

Tert butyl alcohol
 Concen: 90.119 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. 0.03 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

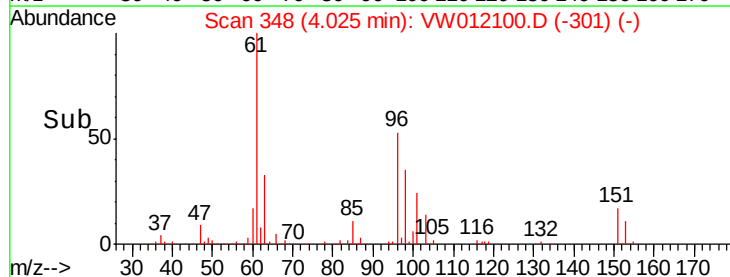
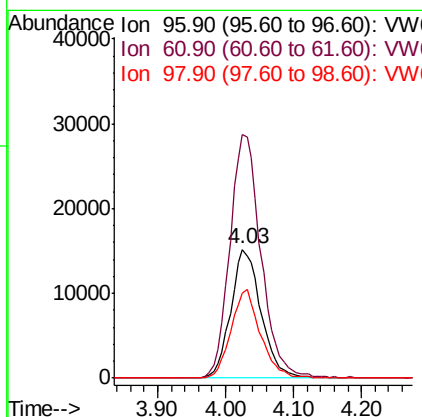
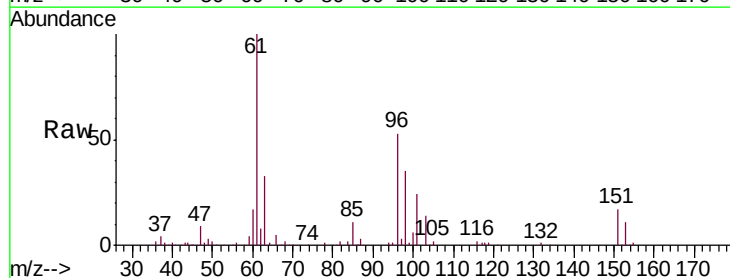
Tgt Ion: 59 Resp: 19262
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.5 12.7

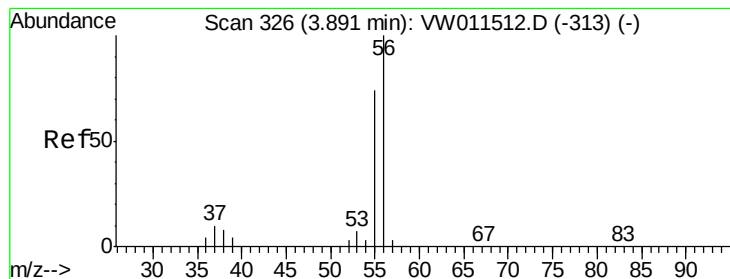


#12

1,1-Dichloroethene
 Concen: 20.176 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 96 Resp: 47046
 Ion Ratio Lower Upper
 96 100
 61 189.6 149.9 224.9
 98 66.1 49.1 73.7





#13

Acrolein

Concen: 66.992 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

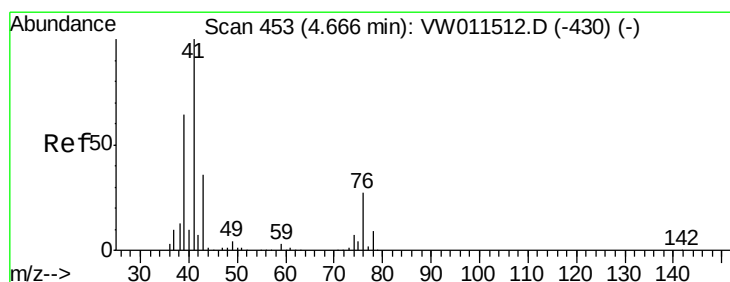
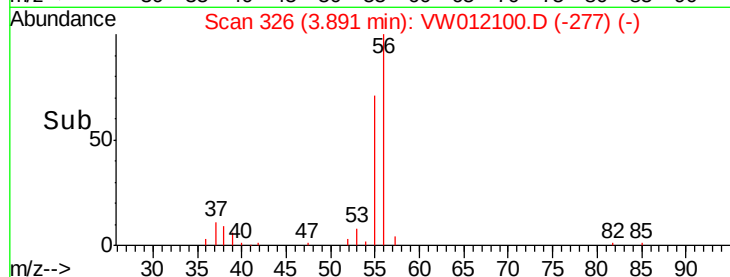
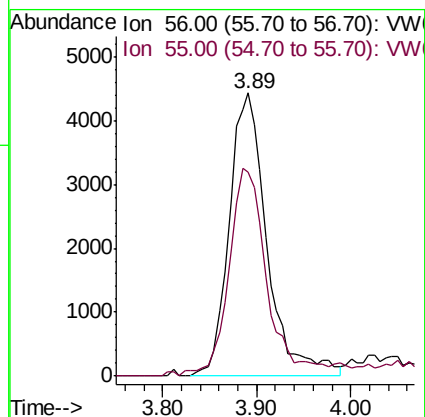
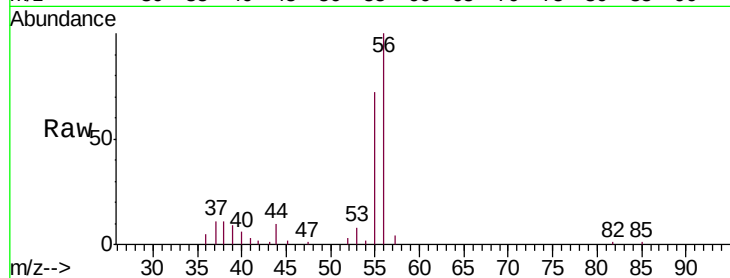
VW0822SBS01

Tgt Ion: 56 Resp: 12358

Ion Ratio Lower Upper

56 100

55 73.8 56.0 84.0



#14

Allyl chloride

Concen: 20.631 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

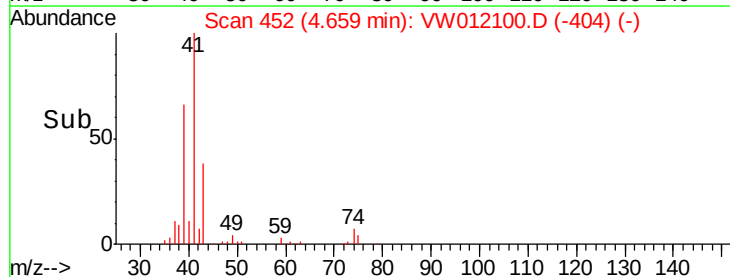
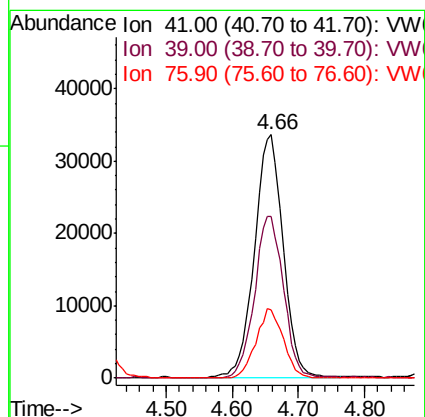
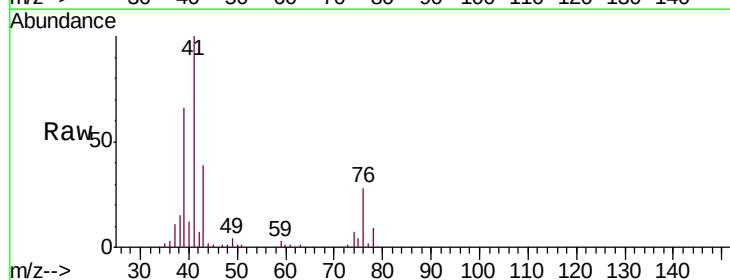
Tgt Ion: 41 Resp: 102317

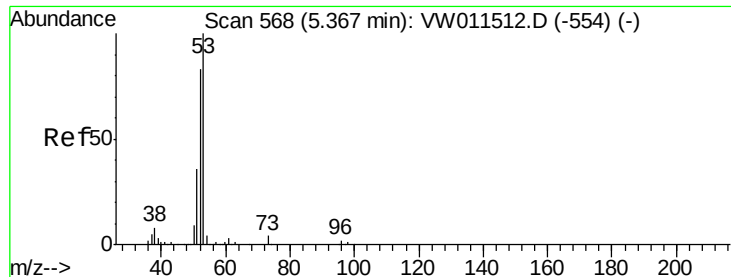
Ion Ratio Lower Upper

41 100

39 66.7 52.6 78.8

76 27.1 22.0 33.0





#15

Acrylonitrile

Concen: 114.401 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

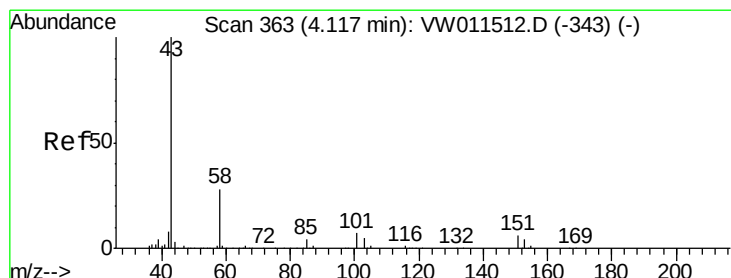
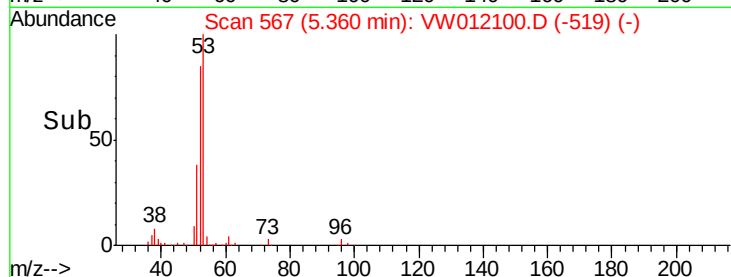
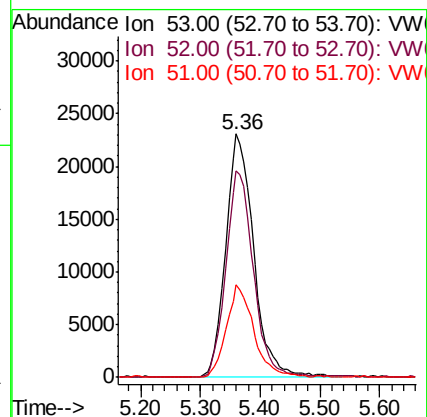
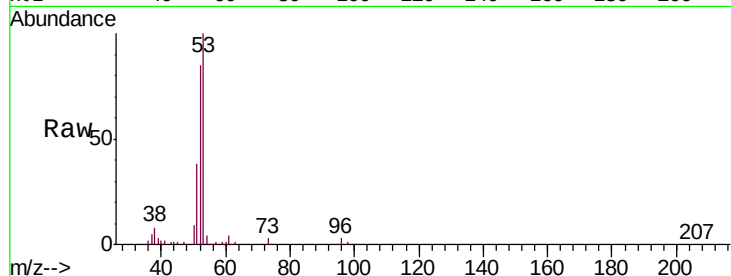
Tgt Ion: 53 Resp: 75379

Ion Ratio Lower Upper

53 100

52 83.8 67.2 100.8

51 37.3 30.0 45.0



#16

Acetone

Concen: 87.266 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012100.D

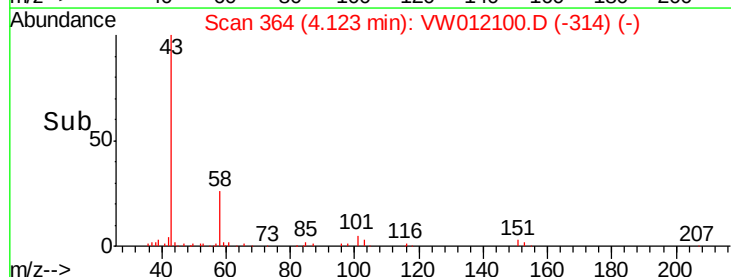
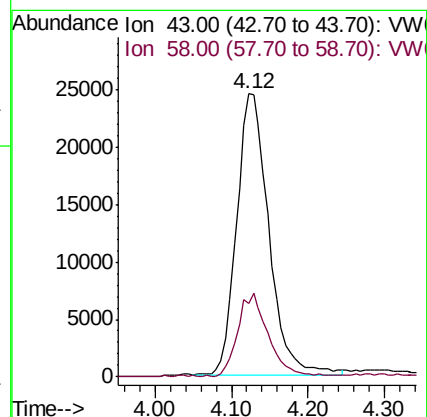
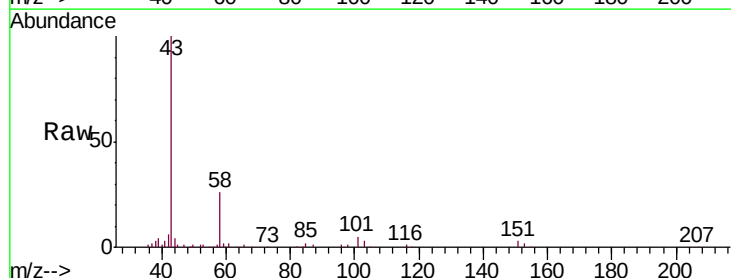
Acq: 22 Aug 2019 10:40

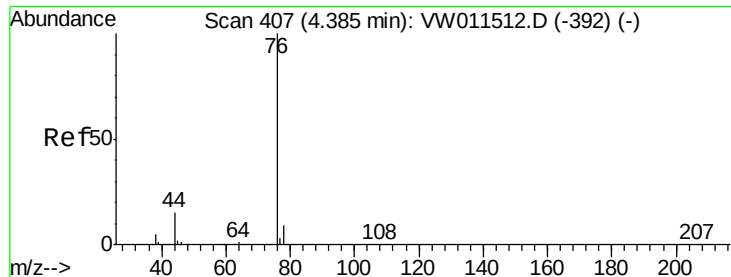
Tgt Ion: 43 Resp: 71366

Ion Ratio Lower Upper

43 100

58 25.5 22.3 33.5

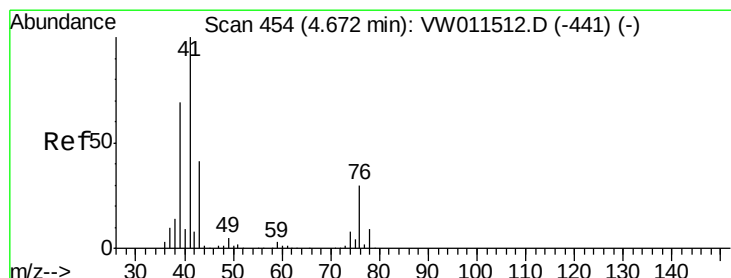
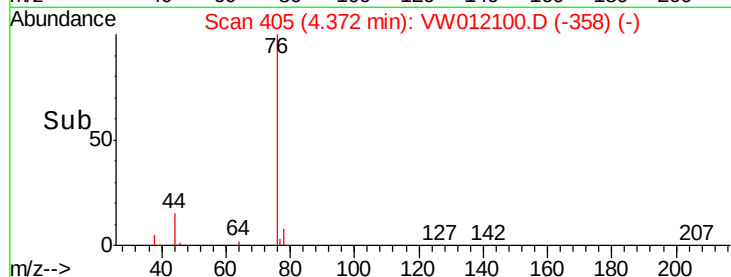
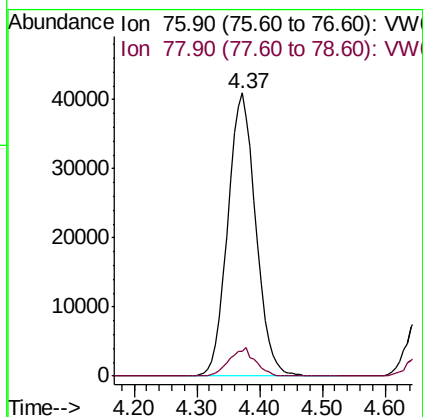
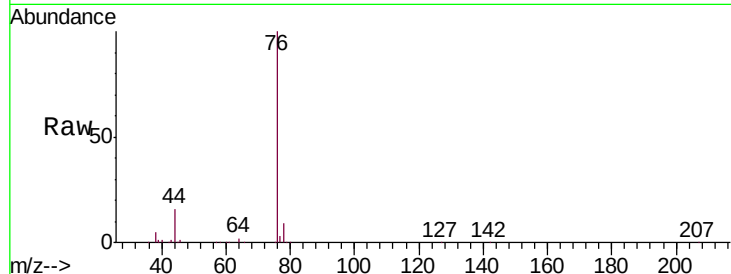




#17
Carbon Disulfide
Concen: 17.312 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

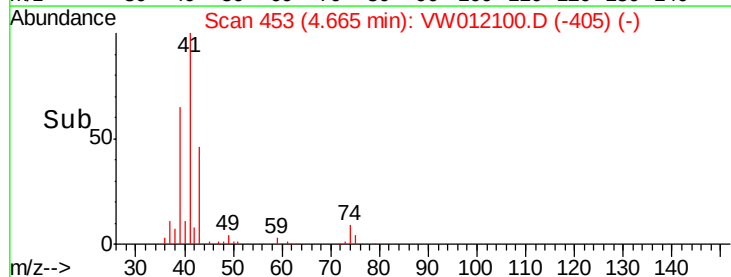
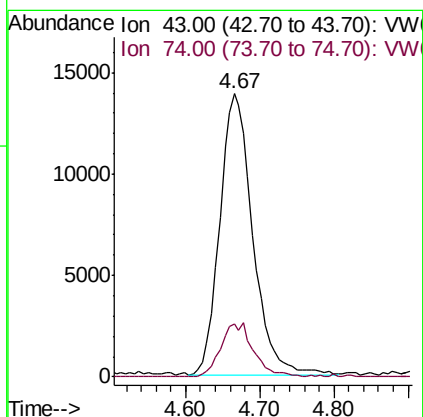
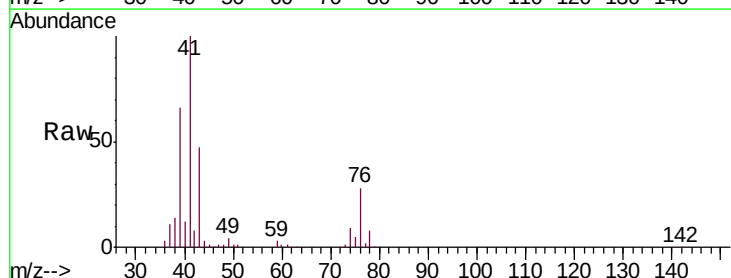
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

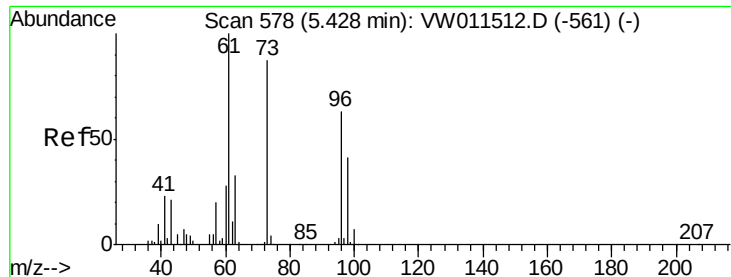
Tgt Ion: 76 Resp: 126340
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 23.305 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Tgt Ion: 43 Resp: 42815
Ion Ratio Lower Upper
43 100
74 18.9 15.9 23.9



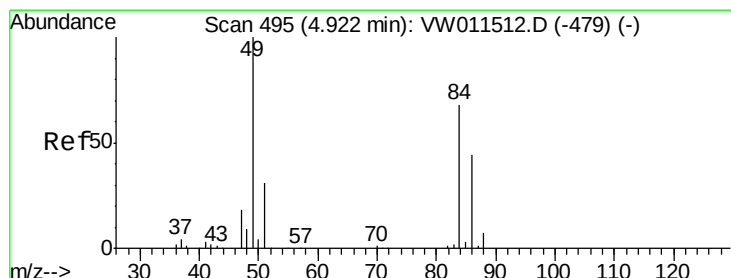
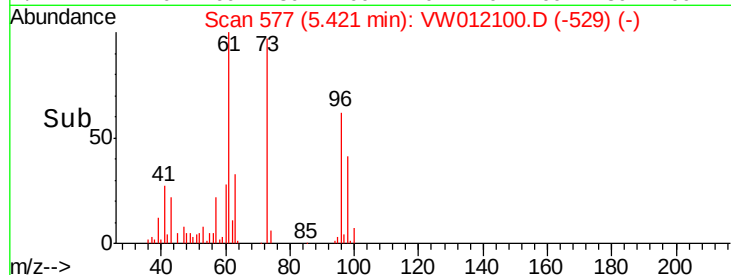
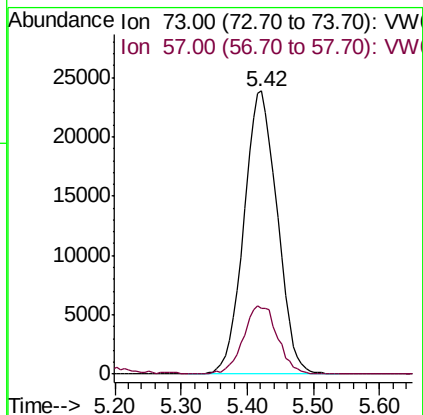
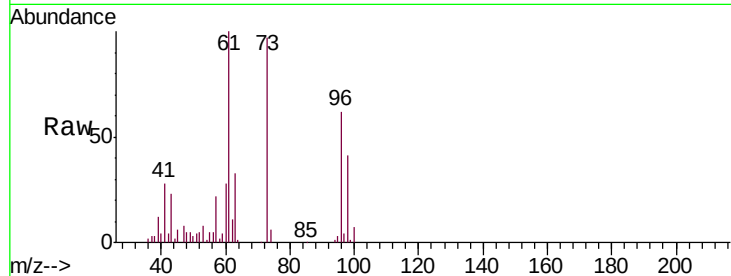


#19

Methyl tert-butyl Ether
 Concen: 22.587 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

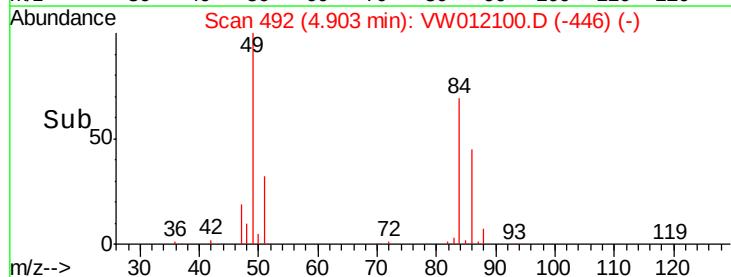
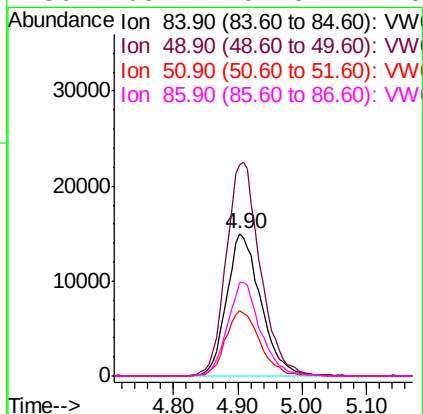
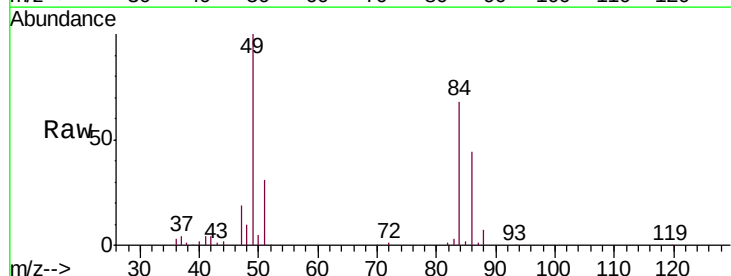
Tgt Ion: 73 Resp: 83576
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.4 27.6

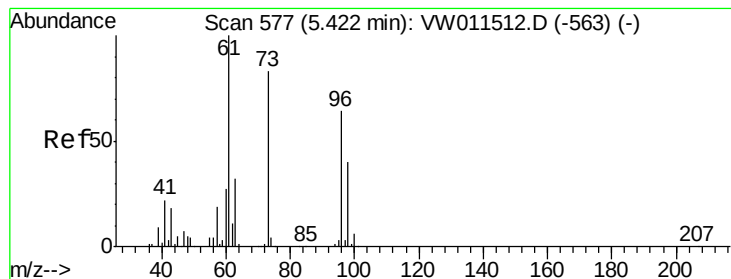


#20

Methylene Chloride
 Concen: 19.632 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 84 Resp: 55370
 Ion Ratio Lower Upper
 84 100
 49 147.6 117.8 176.6
 51 46.1 37.0 55.4
 86 65.7 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 20.226 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

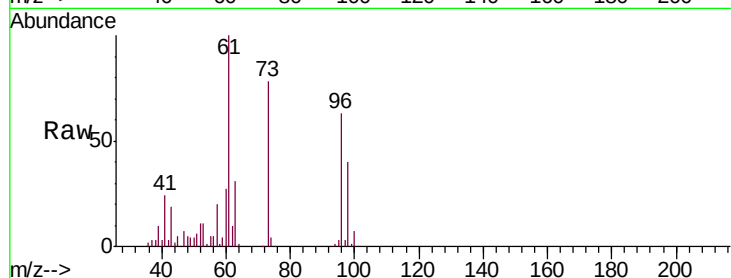
Tgt Ion: 96 Resp: 50846

Ion Ratio Lower Upper

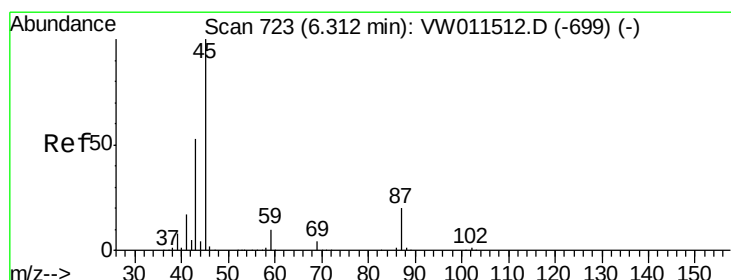
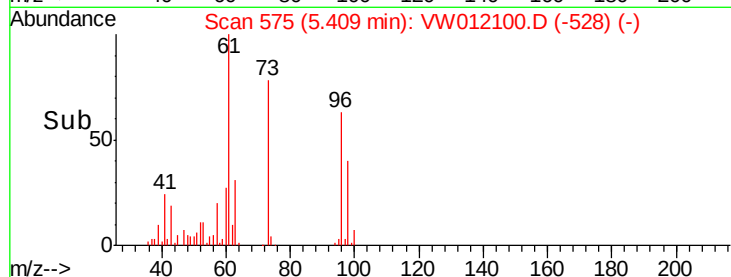
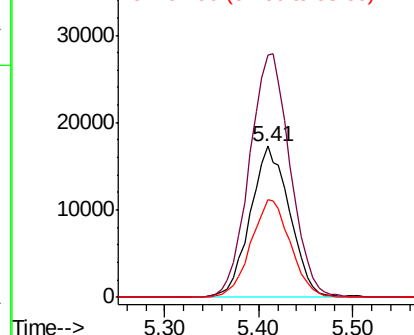
96 100

61 159.8 125.7 188.5

98 64.1 50.3 75.5



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



#22

Diisopropyl ether

Concen: 21.757 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Tgt Ion: 45 Resp: 203433

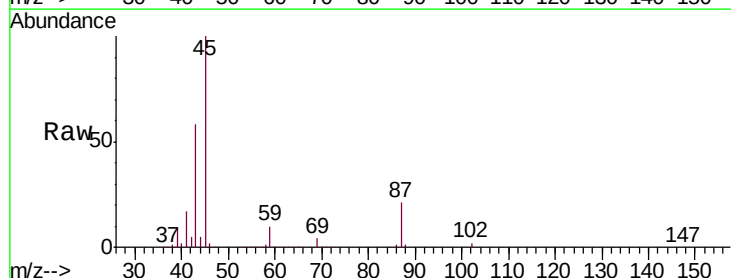
Ion Ratio Lower Upper

45 100

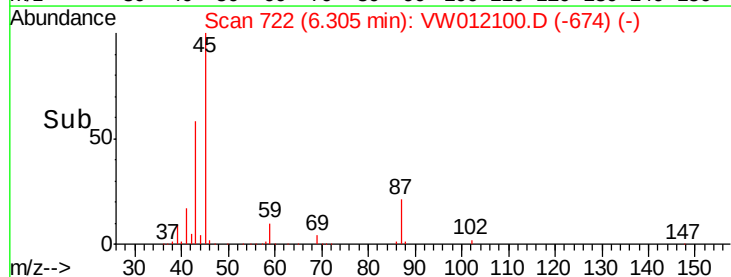
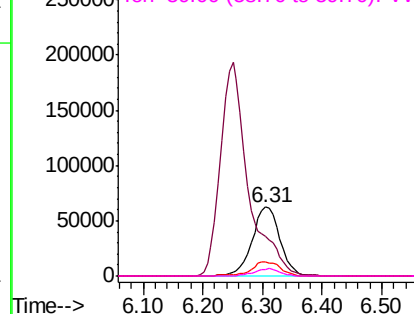
43 58.0 42.6 63.8

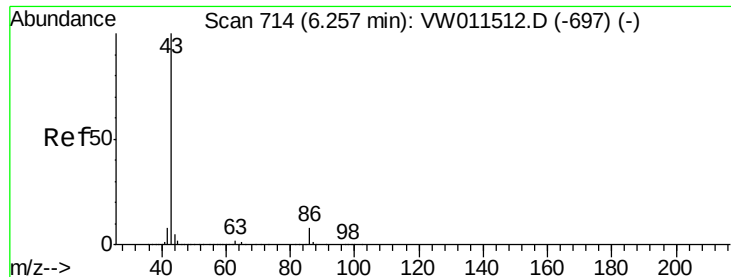
87 21.1 16.4 24.6

59 9.6 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 107.417 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

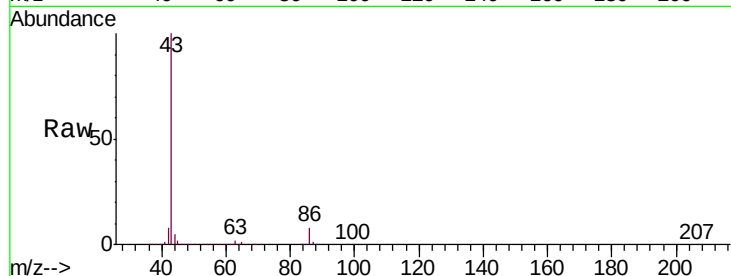
VW0822SBS01

Tgt Ion: 43 Resp: 631103

Ion Ratio Lower Upper

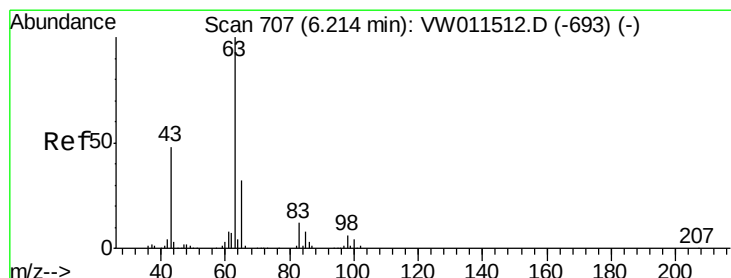
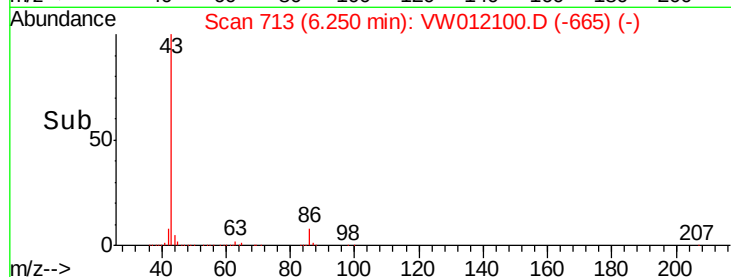
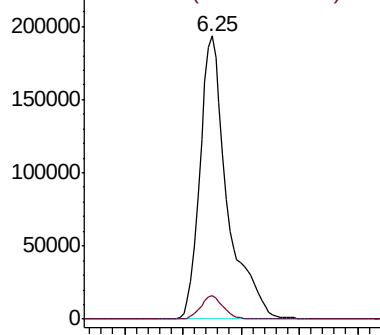
43 100

86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.348 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

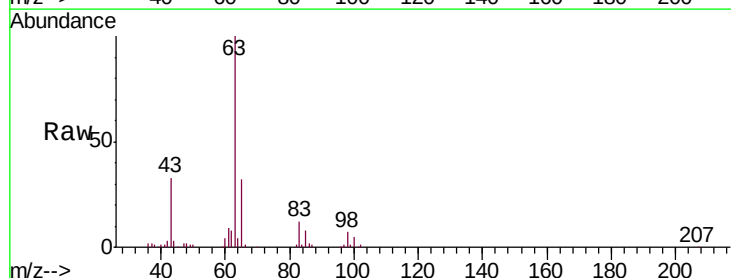
Tgt Ion: 63 Resp: 106903

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

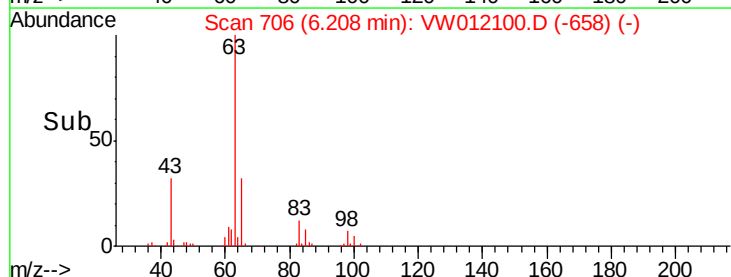
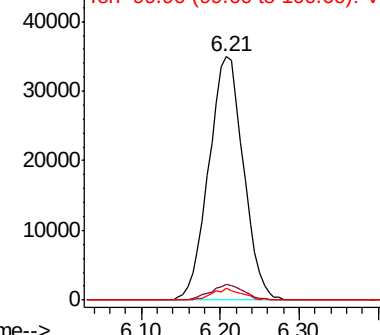
100 4.7 2.1 6.3

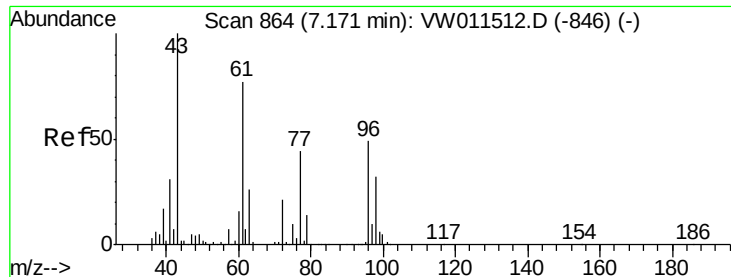


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 98.462 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampled :

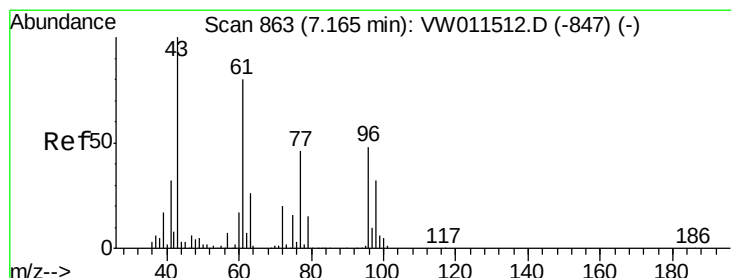
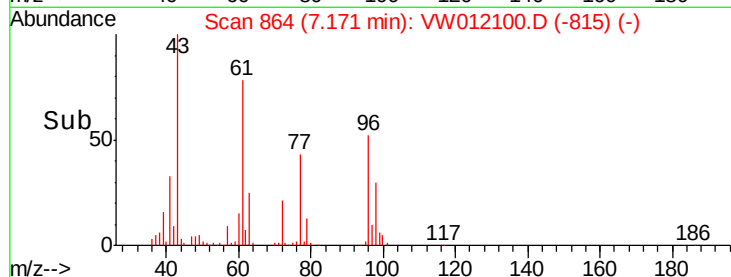
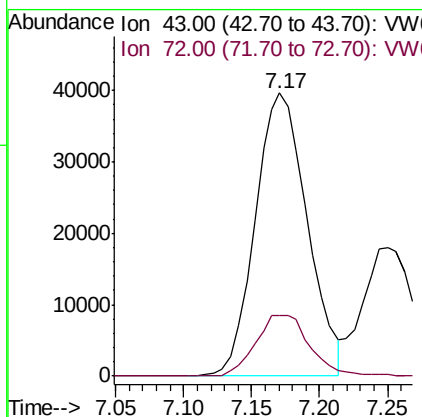
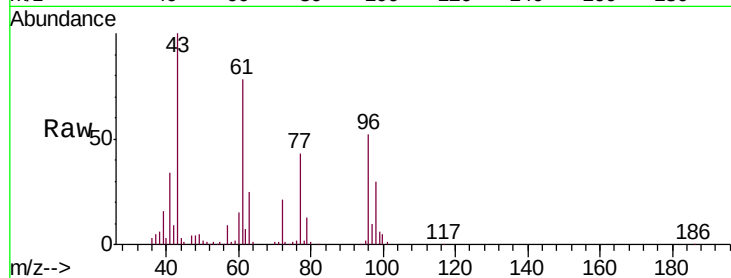
VW0822SBS01

Tgt Ion: 43 Resp: 105365

Ion Ratio Lower Upper

43 100

72 21.3 16.6 24.8



#26

2,2-Dichloropropane

Concen: 18.663 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012100.D

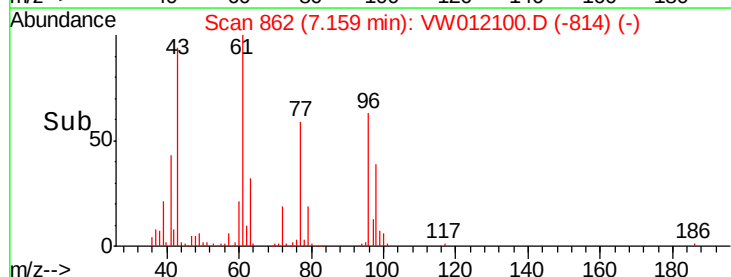
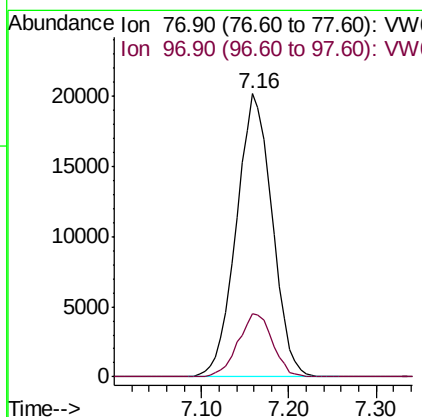
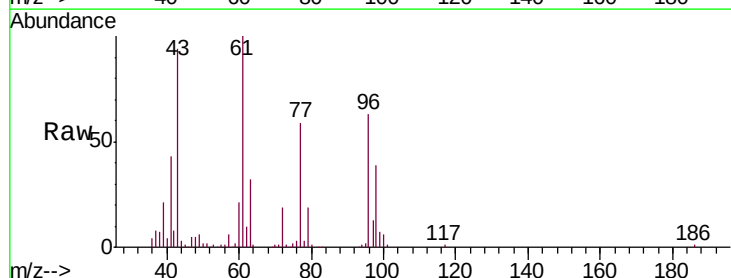
Acq: 22 Aug 2019 10:40

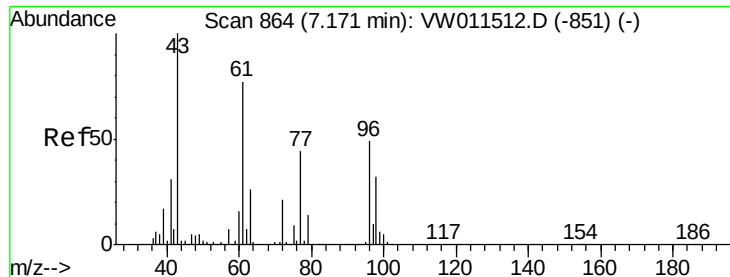
Tgt Ion: 77 Resp: 57476

Ion Ratio Lower Upper

77 100

97 21.6 10.8 32.4



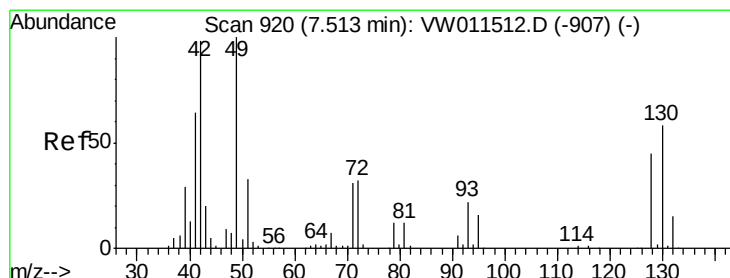
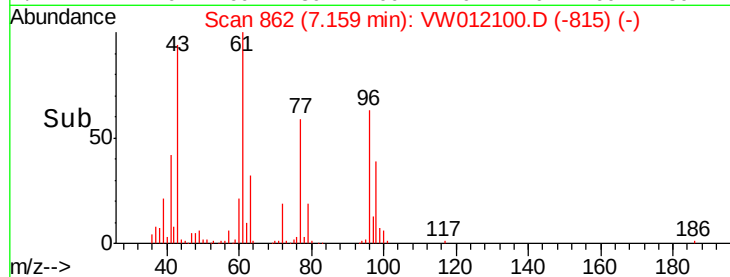
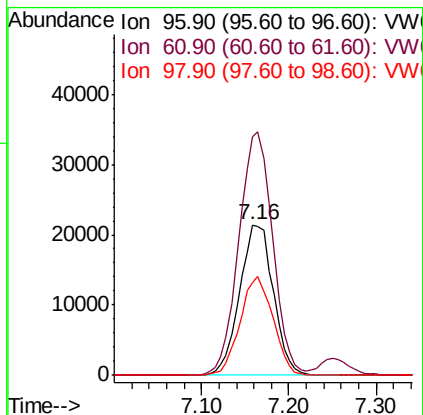
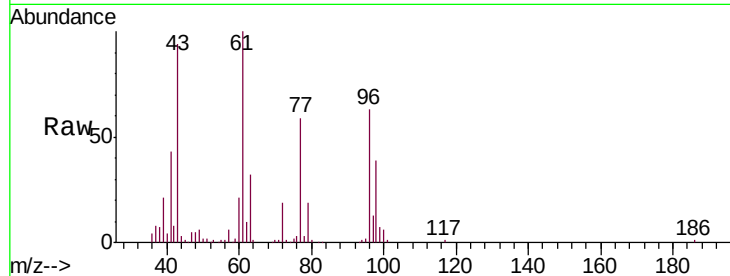


#27

cis-1,2-Dichloroethene
 Concen: 20.805 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

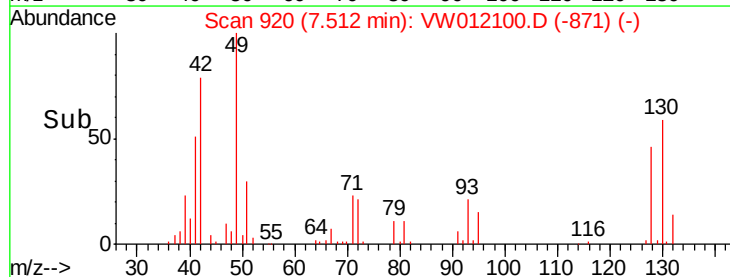
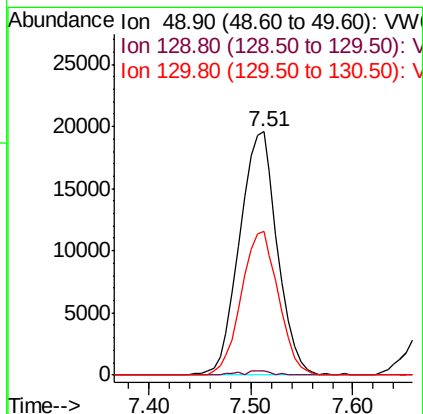
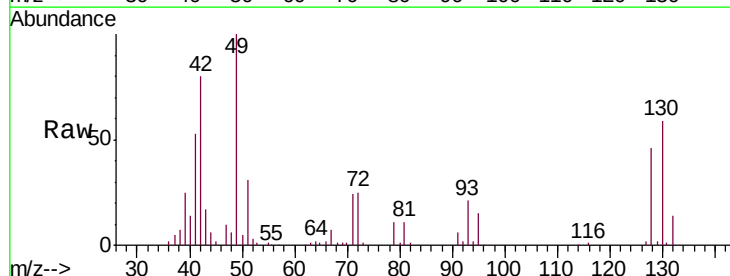
Tgt Ion: 96 Resp: 57563
 Ion Ratio Lower Upper
 96 100
 61 161.7 0.0 328.4
 98 63.9 0.0 128.8

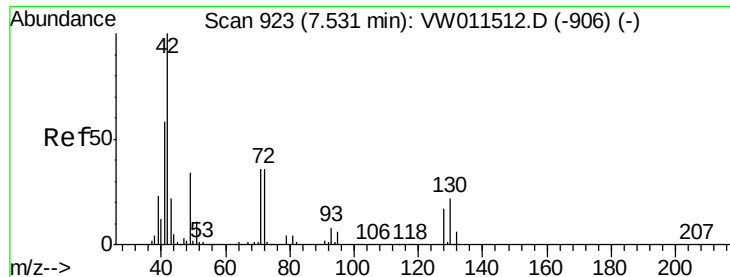


#28

Bromochloromethane
 Concen: 22.626 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 49 Resp: 50291
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 1.0#
 130 58.0 46.3 69.5

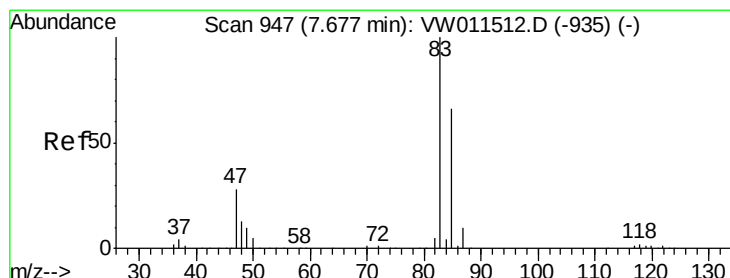
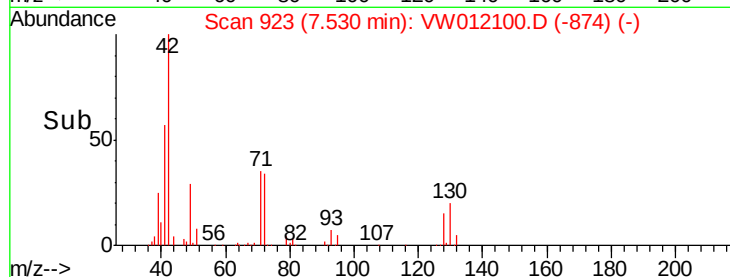
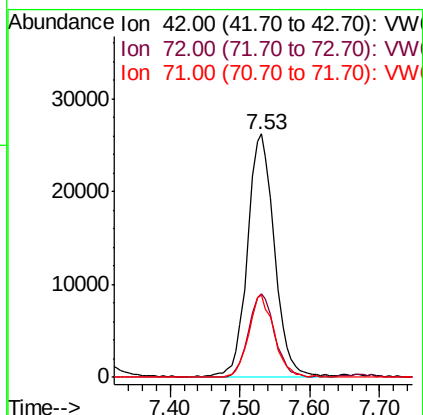
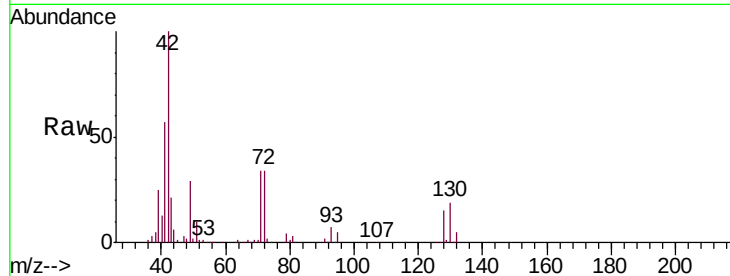




#29
Tetrahydrofuran
Concen: 114.237 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

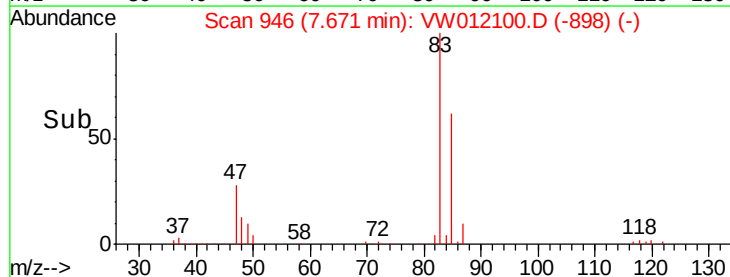
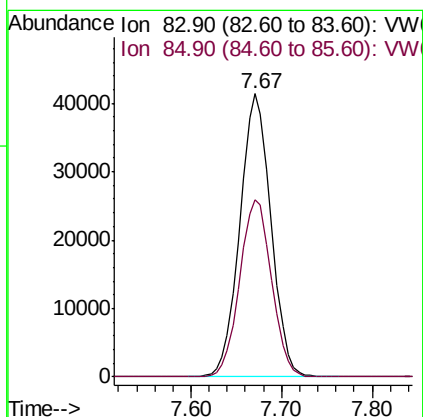
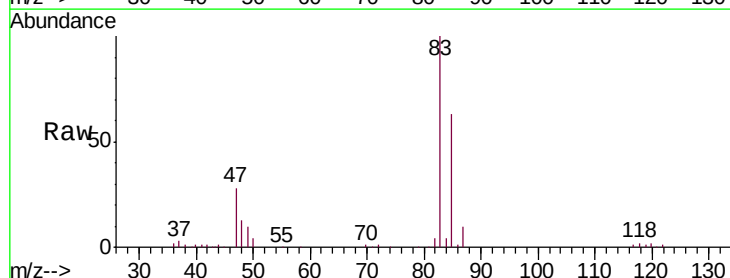
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

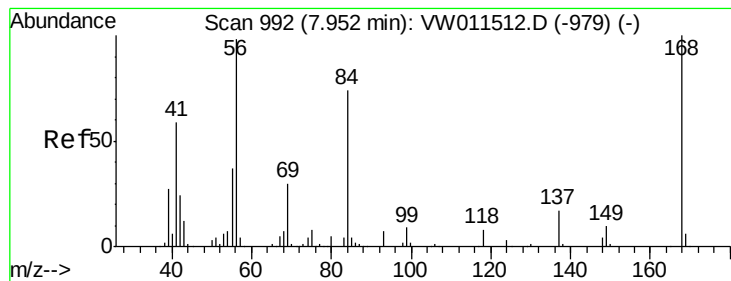
Tgt Ion: 42 Resp: 69877
Ion Ratio Lower Upper
42 100
72 33.5 27.1 40.7
71 31.8 26.2 39.4



#30
Chloroform
Concen: 21.263 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Tgt Ion: 83 Resp: 98234
Ion Ratio Lower Upper
83 100
85 62.6 52.5 78.7





#31

Cyclohexane

Concen: 20.980 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

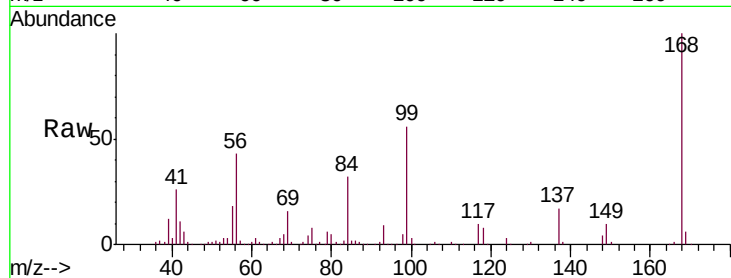
Tgt Ion: 56 Resp: 100848

Ion Ratio Lower Upper

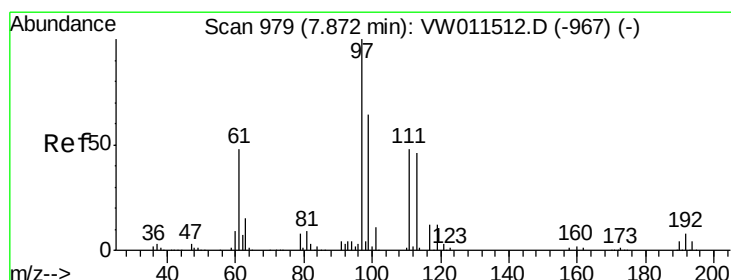
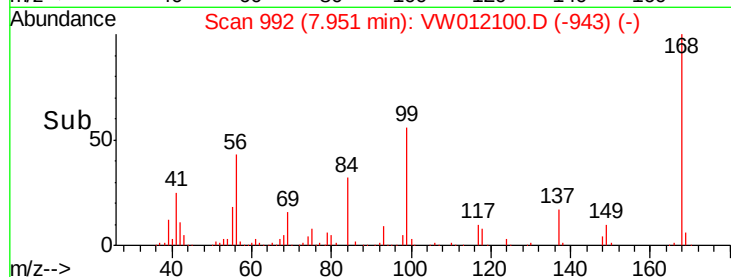
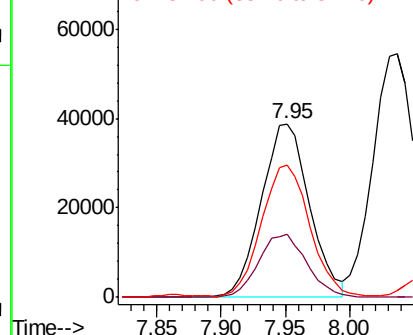
56 100

69 36.6 24.3 36.5#

84 74.6 60.4 90.6



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



#32

1,1,1-Trichloroethane

Concen: 21.440 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

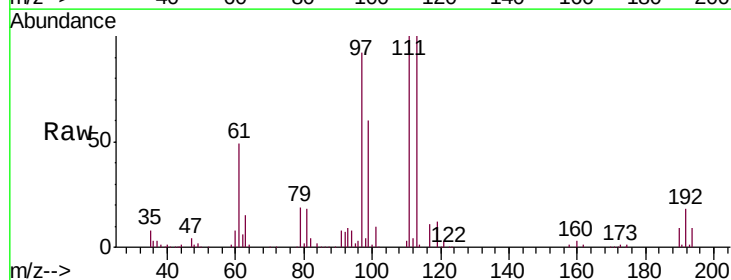
Tgt Ion: 97 Resp: 75434

Ion Ratio Lower Upper

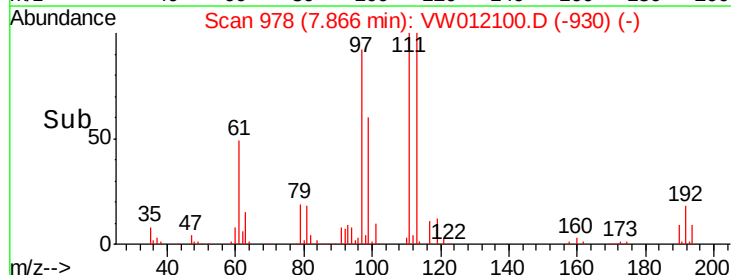
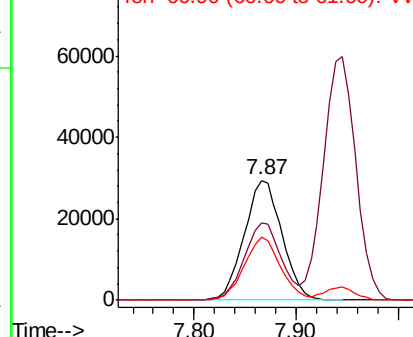
97 100

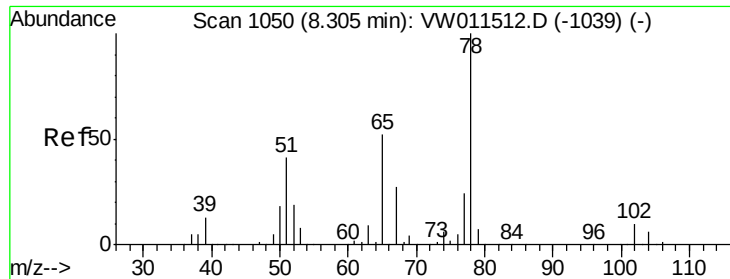
99 63.3 51.0 76.6

61 50.5 39.8 59.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

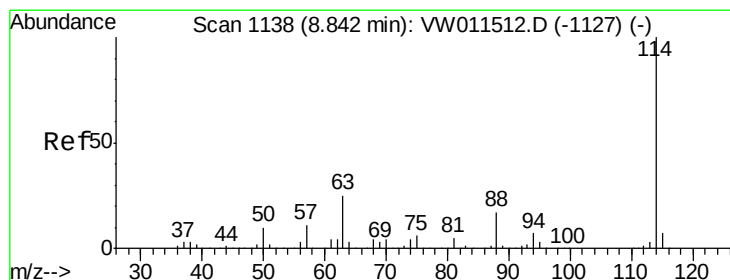
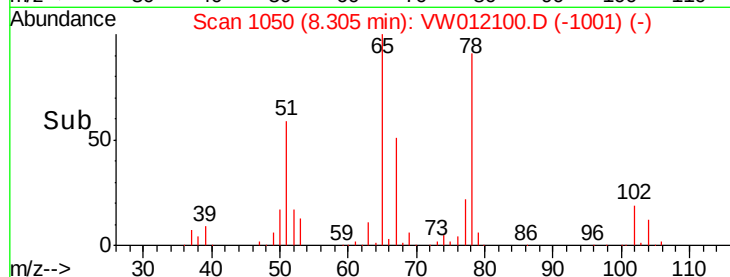
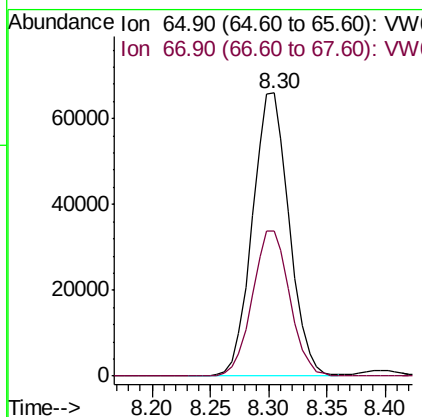
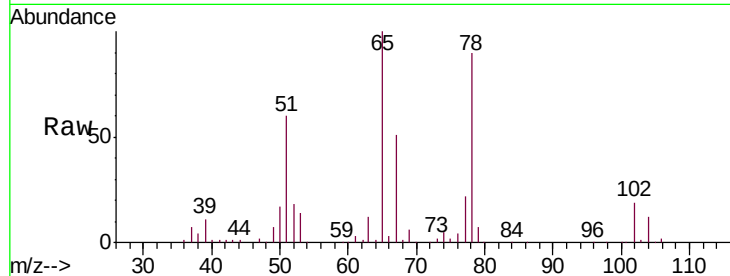




#33
 1,2-Dichloroethane-d4
 Concen: 56.389 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

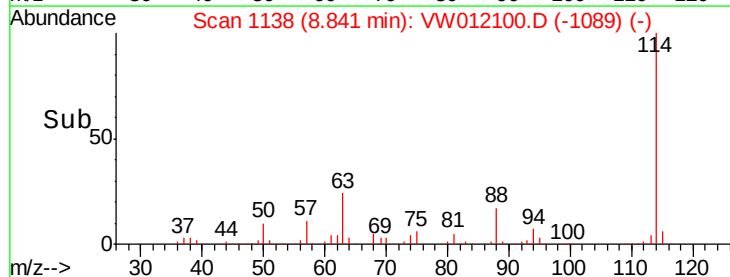
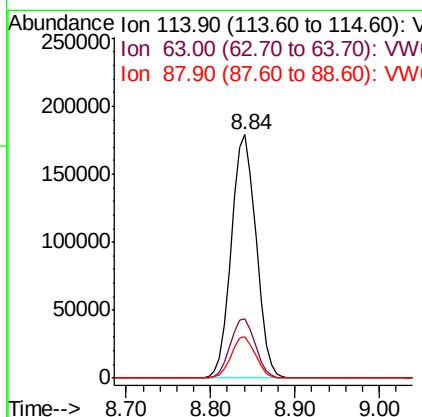
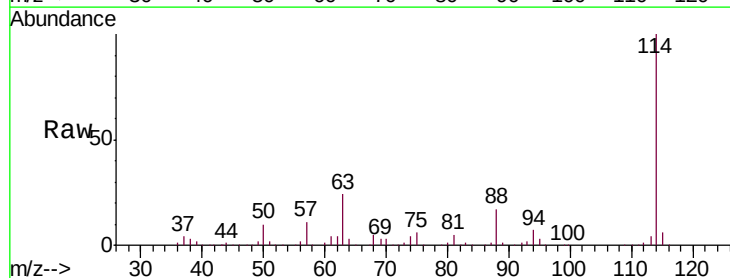
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

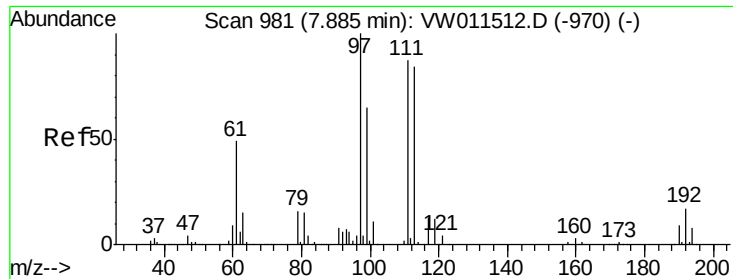
Tgt Ion: 65 Resp: 144970
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 114 Resp: 355486
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.8 0.0 33.8

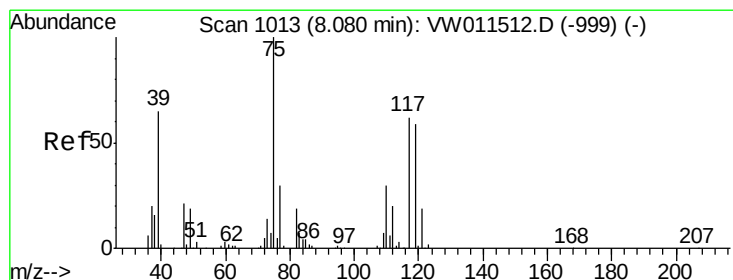
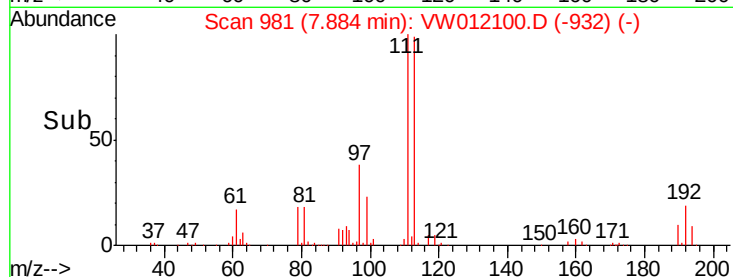
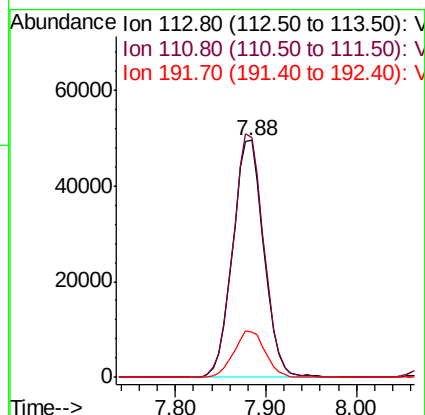
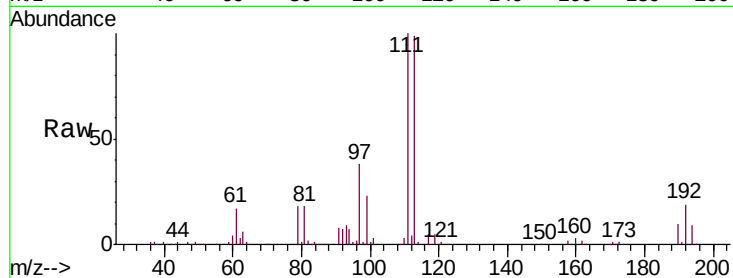




#35
 Dibromofluoromethane
 Concen: 58.973 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

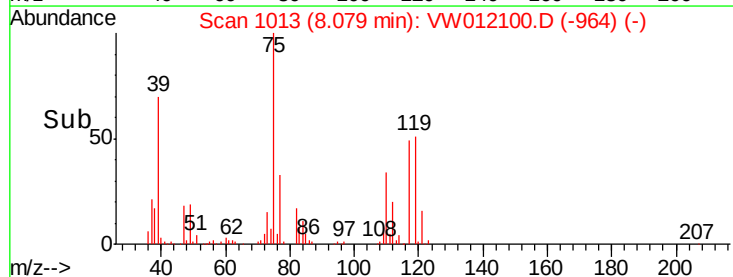
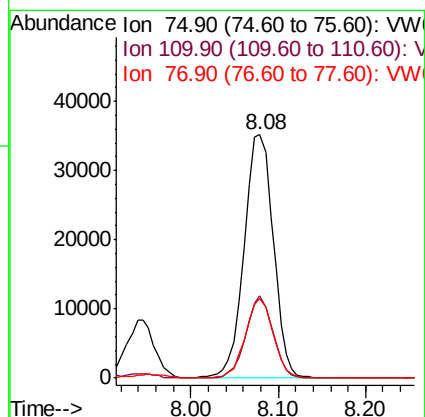
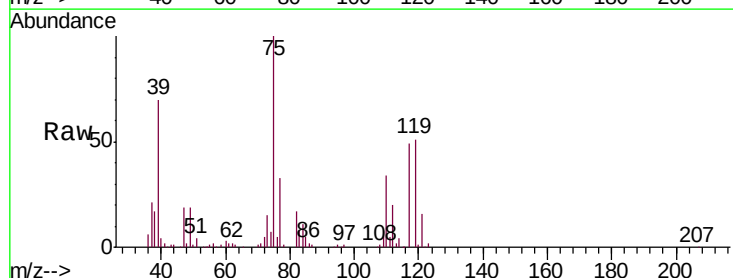
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

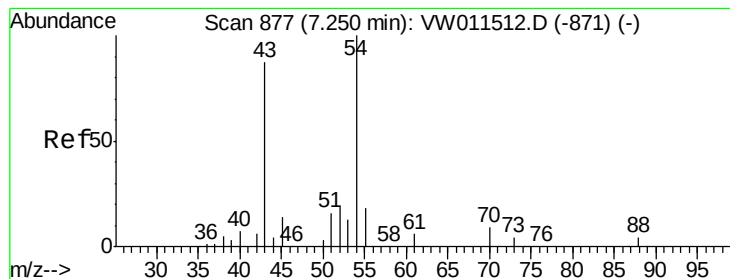
Tgt Ion: 113 Resp: 117612
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 19.8 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 22.173 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 75 Resp: 81959
 Ion Ratio Lower Upper
 75 100
 110 31.1 15.6 46.8
 77 31.0 24.3 36.5





#37

Ethyl Acetate

Concen: 23.021 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

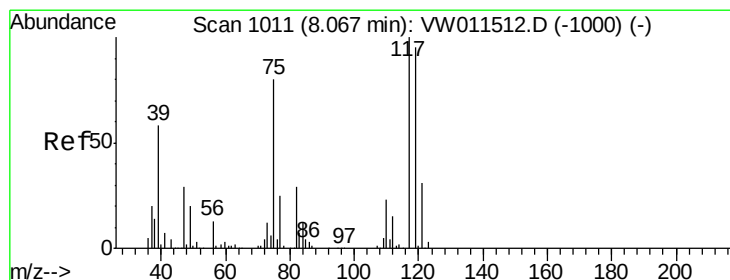
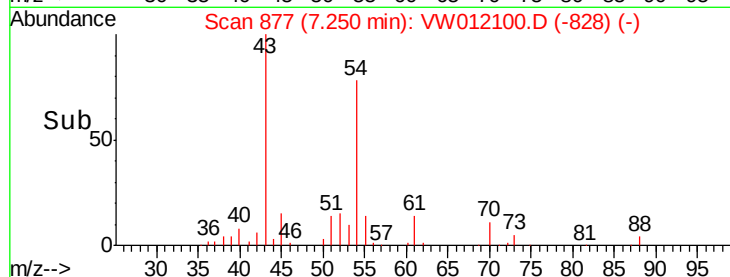
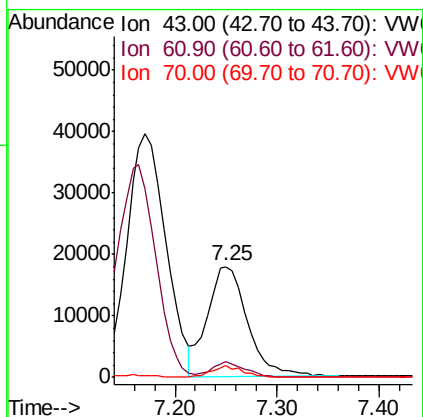
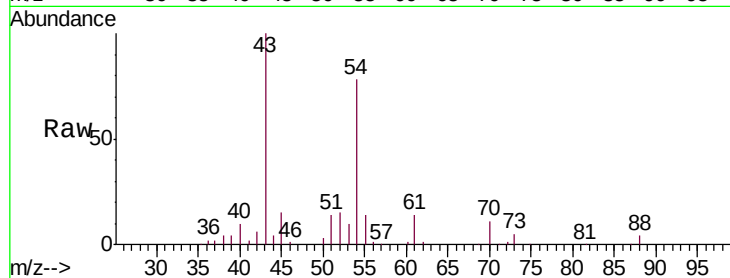
Tgt Ion: 43 Resp: 48958

Ion Ratio Lower Upper

43 100

61 12.3 8.8 13.2

70 8.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 21.846 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

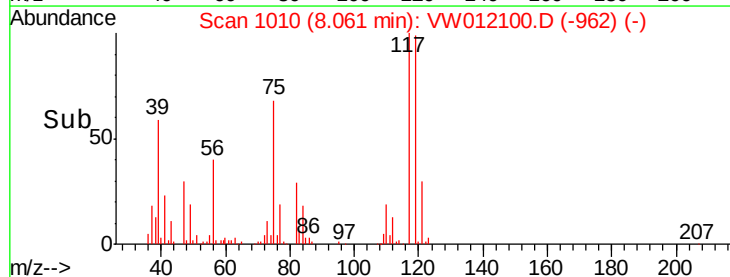
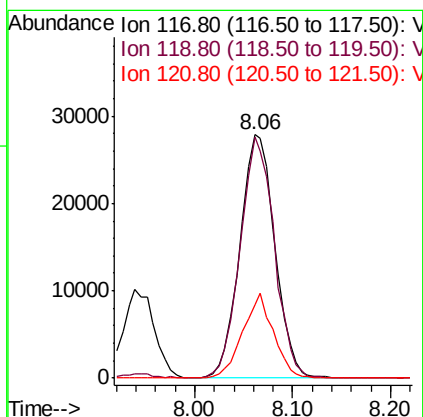
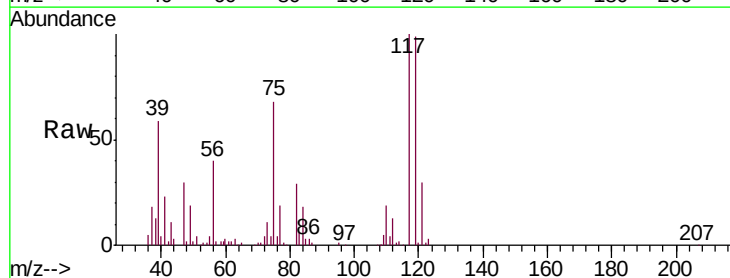
Tgt Ion: 117 Resp: 69128

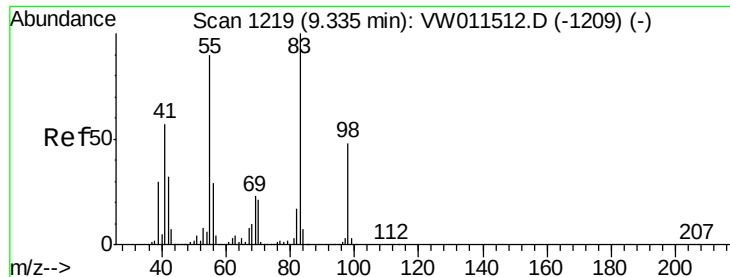
Ion Ratio Lower Upper

117 100

119 99.3 75.8 113.6

121 30.4 24.7 37.1

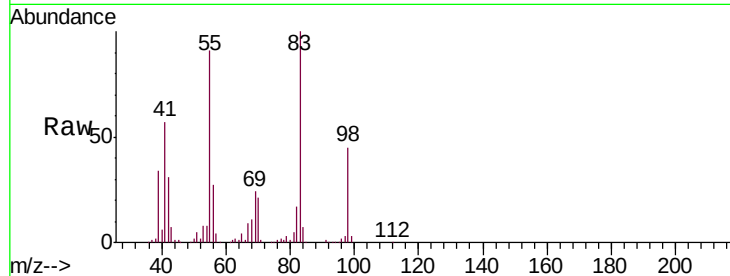




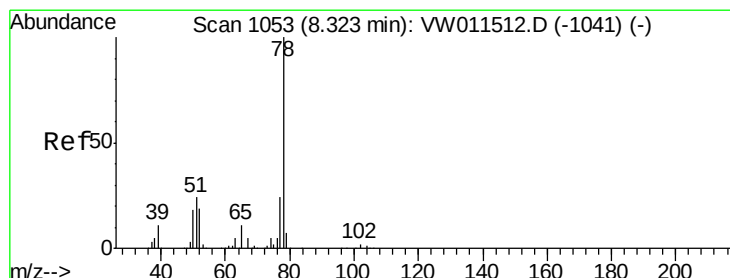
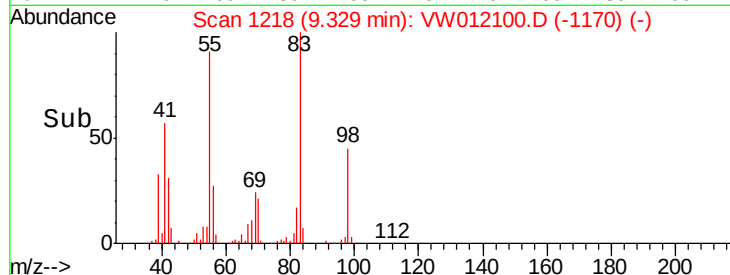
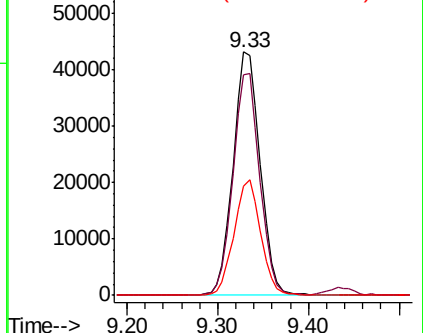
#39
Methylcyclohexane
Concen: 21.957 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tgt Ion: 83 Resp: 89371
Ion Ratio Lower Upper
83 100
55 90.5 72.1 108.1
98 45.0 38.6 57.8

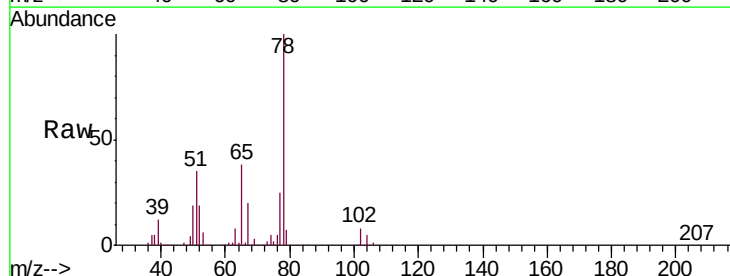


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

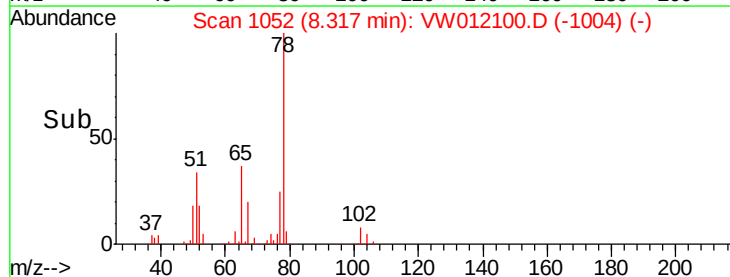
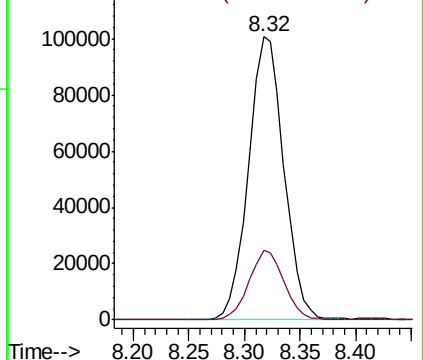


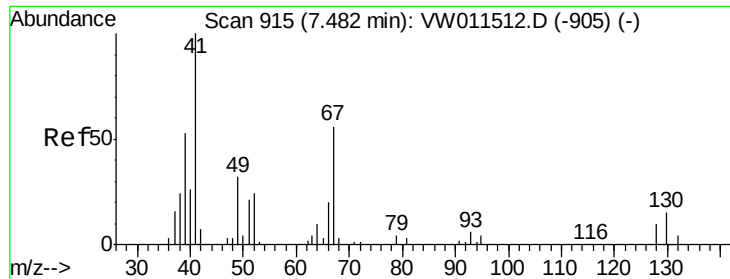
#40
Benzene
Concen: 21.544 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Tgt Ion: 78 Resp: 223060
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

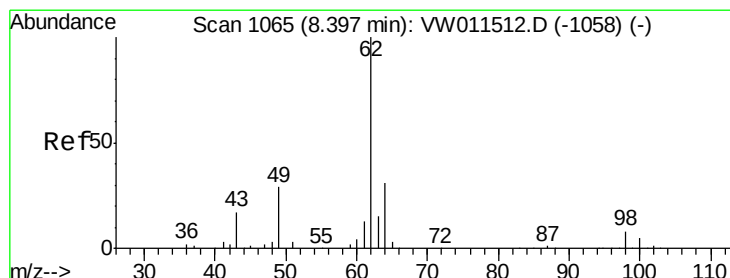
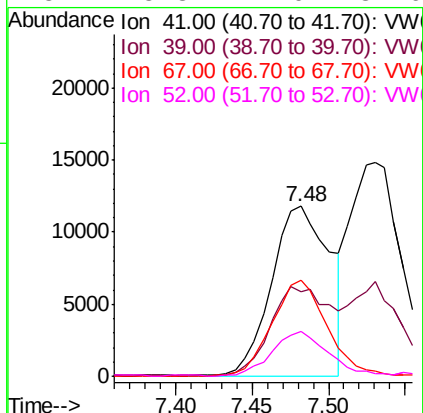
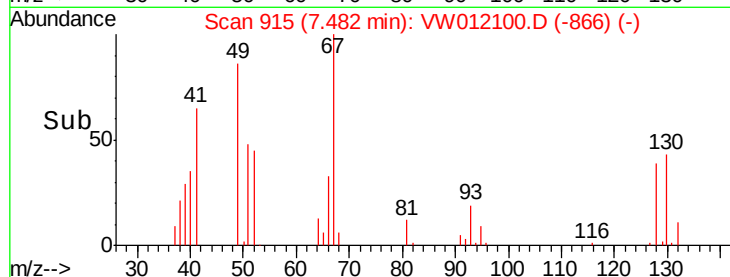
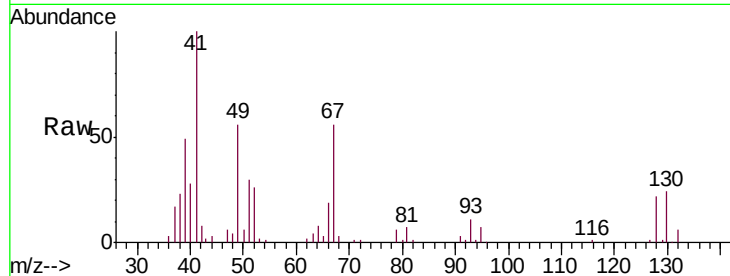




#41
Methacrylonitrile
Concen: 24.735 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

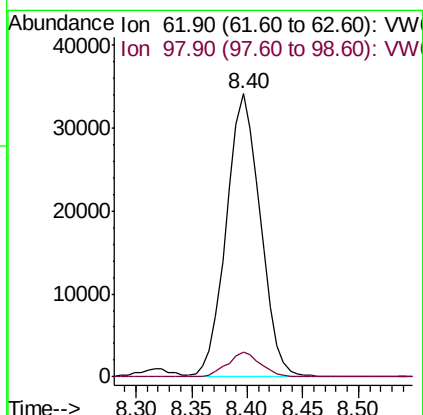
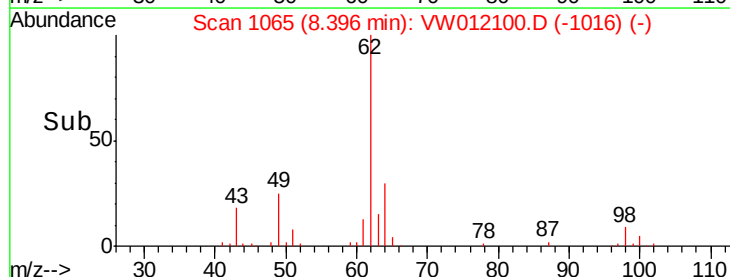
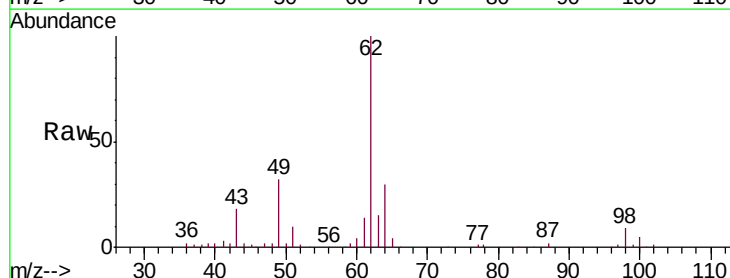
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

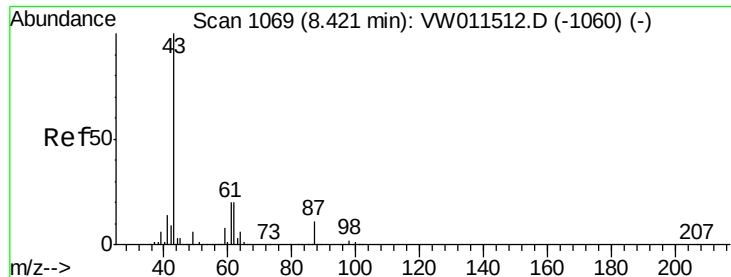
Tgt Ion:	41	Resp:	31444
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.0	64.4
67	53.1	47.5	71.3
52	25.3	21.0	31.6



#42
1,2-Dichloroethane
Concen: 22.386 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Tgt Ion:	62	Resp:	72566
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8





#43

Isopropyl Acetate

Concen: 22.926 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

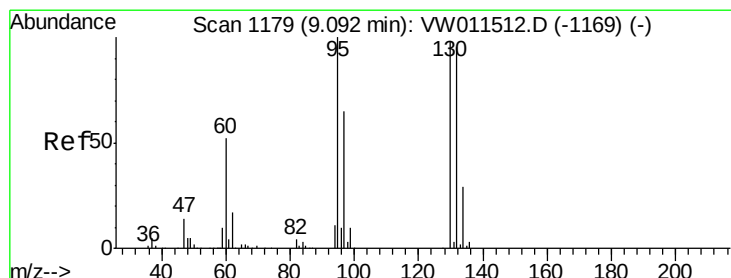
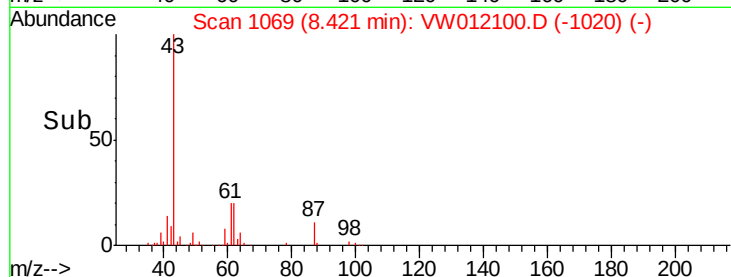
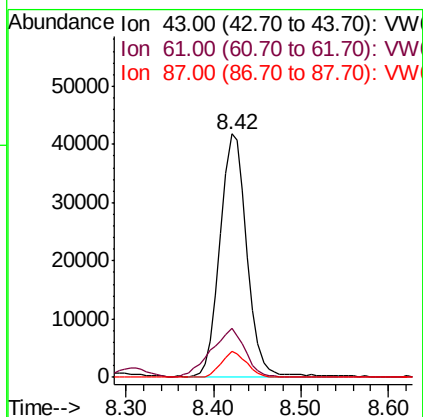
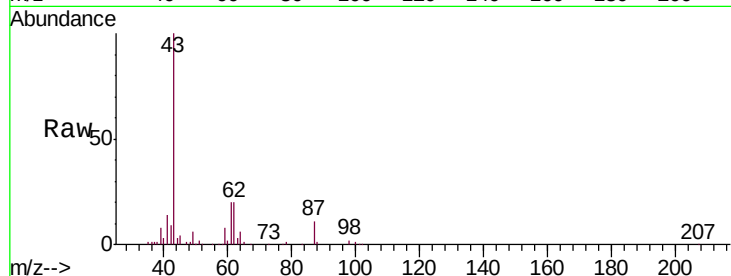
Tgt Ion: 43 Resp: 89664

Ion Ratio Lower Upper

43 100

61 25.5 21.5 32.3

87 10.0 8.4 12.6



#44

Trichloroethene

Concen: 21.535 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012100.D

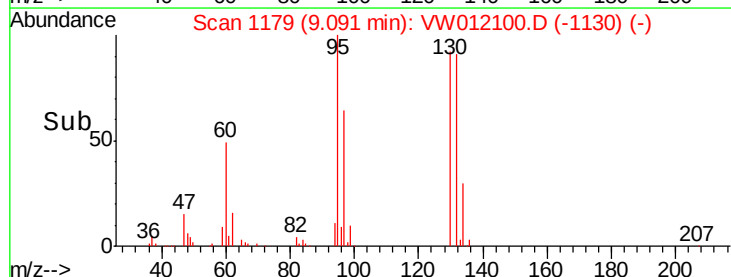
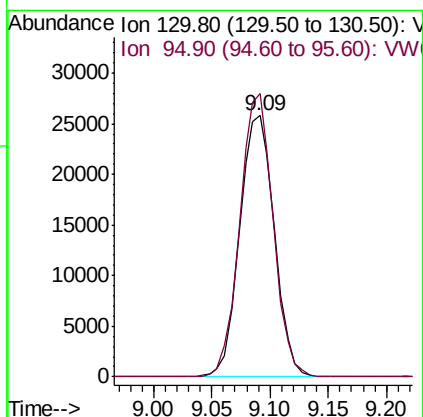
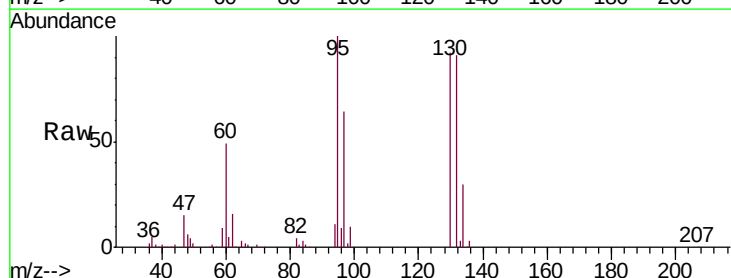
Acq: 22 Aug 2019 10:40

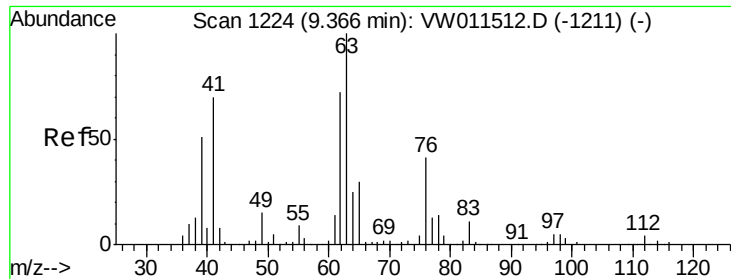
Tgt Ion: 130 Resp: 53590

Ion Ratio Lower Upper

130 100

95 108.2 0.0 204.8

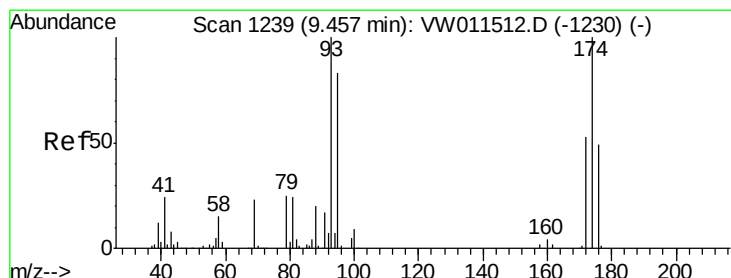
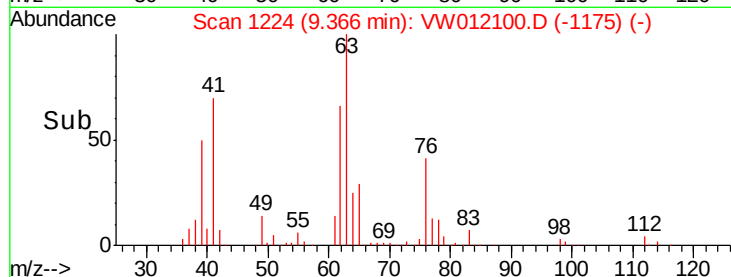
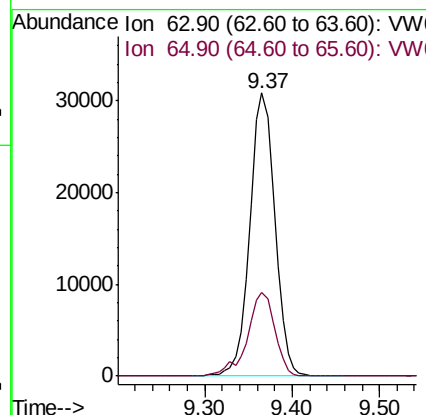
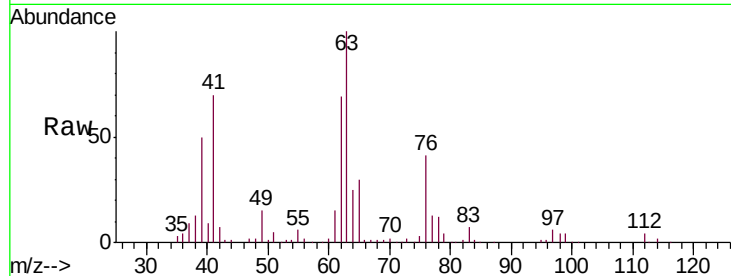




#45
 1,2-Dichloropropane
 Concen: 22.129 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

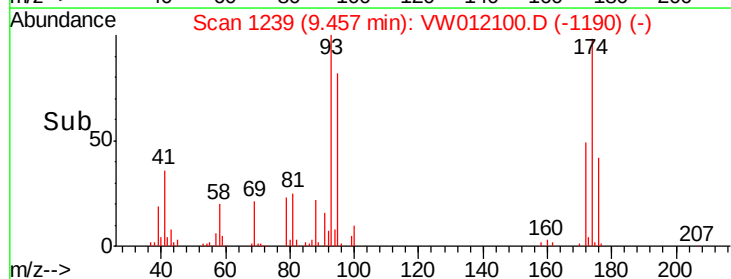
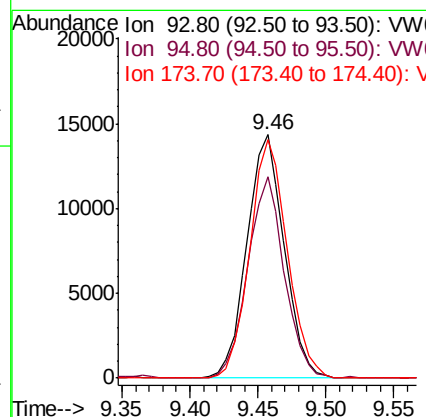
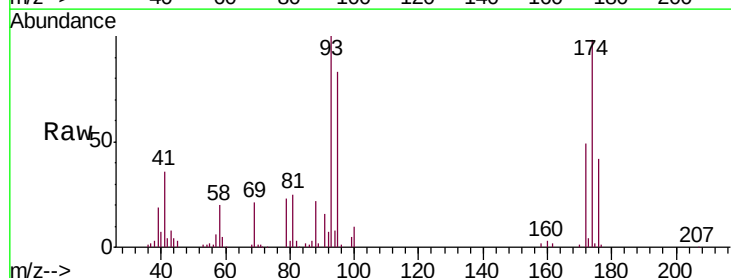
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

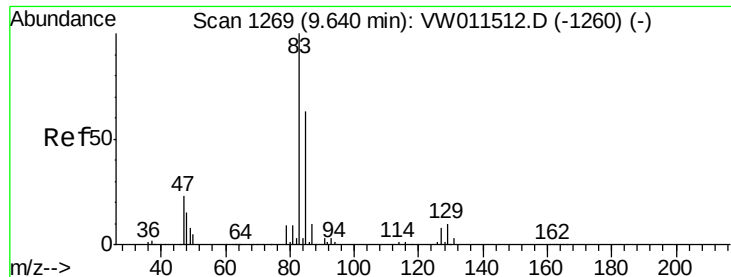
Tgt Ion: 63 Resp: 61304
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.2 36.4



#46
 Dibromomethane
 Concen: 21.714 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 93 Resp: 27456
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.2 99.2
 174 99.2 78.2 117.4

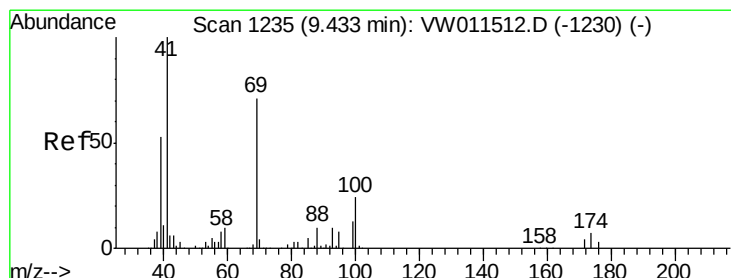
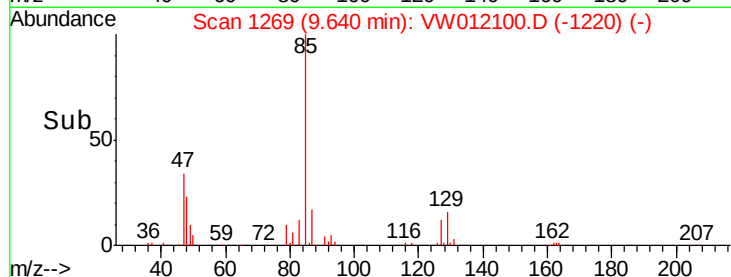
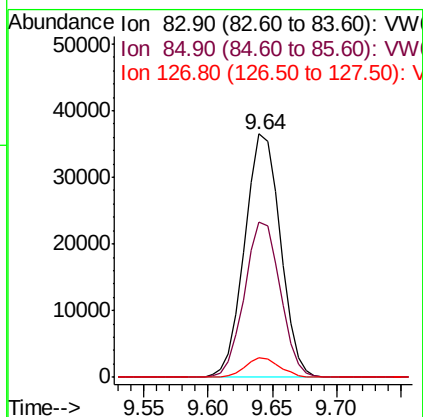
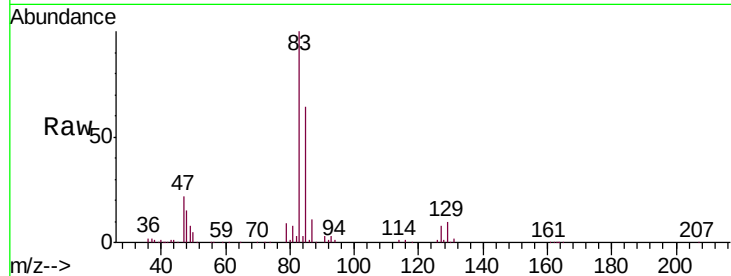




#47
 Bromodichloromethane
 Concen: 21.150 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

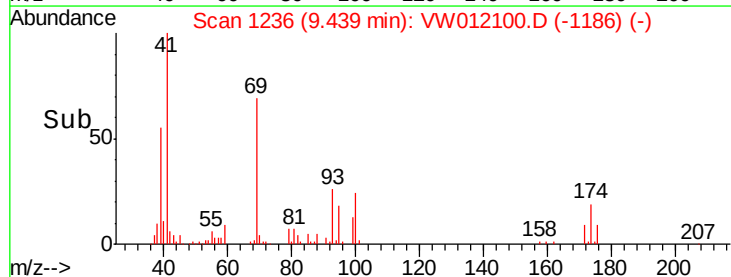
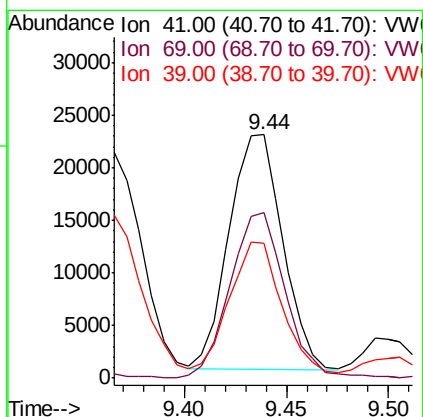
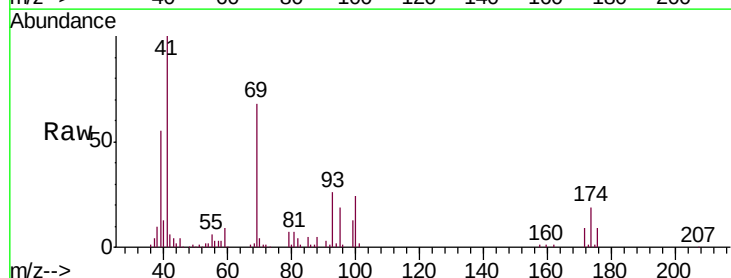
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

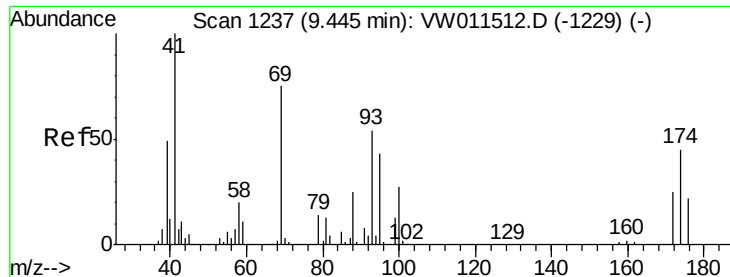
Tgt Ion: 83 Resp: 70151
 Ion Ratio Lower Upper
 83 100
 85 63.6 50.5 75.7
 127 7.9 6.4 9.6



#48
 Methyl methacrylate
 Concen: 21.722 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 41 Resp: 40810
 Ion Ratio Lower Upper
 41 100
 69 73.3 57.1 85.7
 39 58.5 45.4 68.2





#49

1,4-Dioxane

Concen: 442.861 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

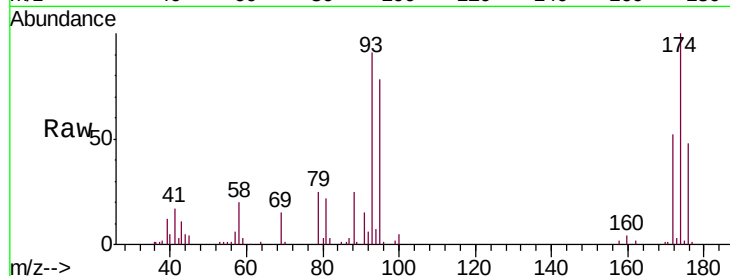
Tgt Ion: 88 Resp: 8108

Ion Ratio Lower Upper

88 100

43 0.0 34.0 51.0#

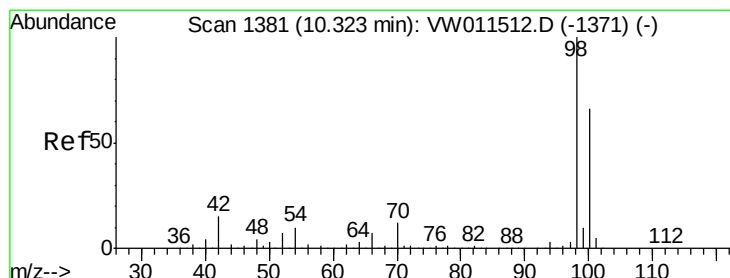
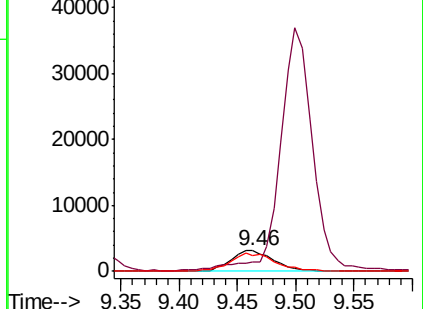
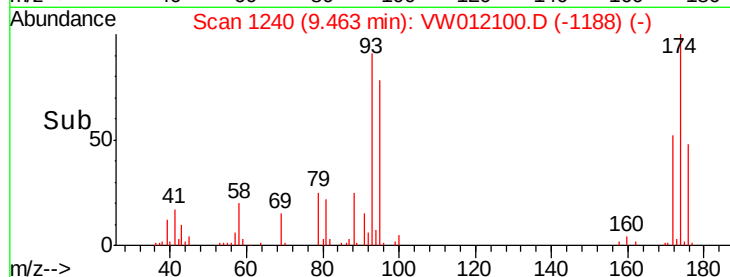
58 94.7 69.7 104.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 57.323 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012100.D

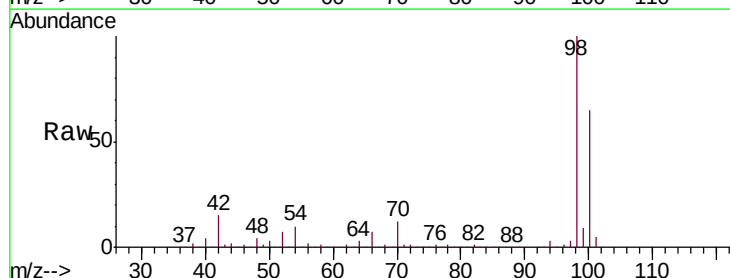
Acq: 22 Aug 2019 10:40

Tgt Ion: 98 Resp: 468068

Ion Ratio Lower Upper

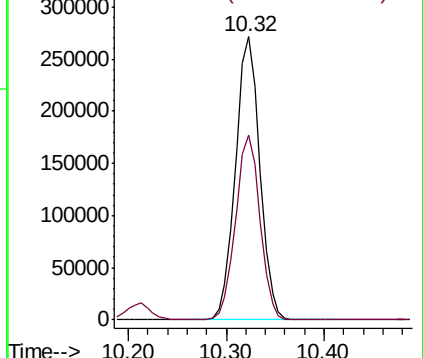
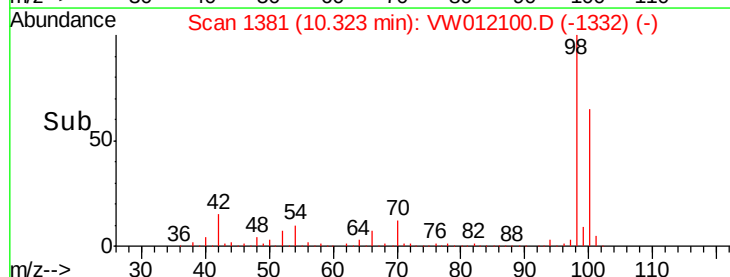
98 100

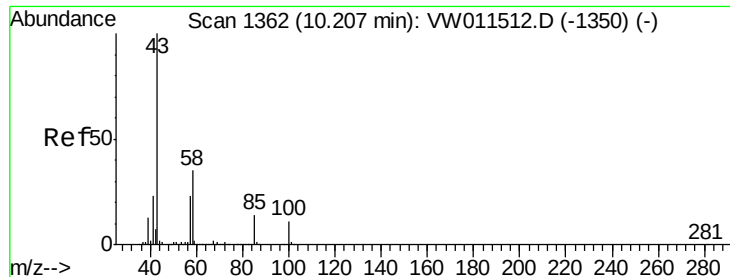
100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

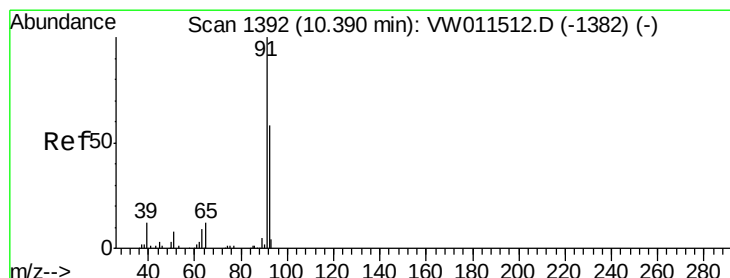
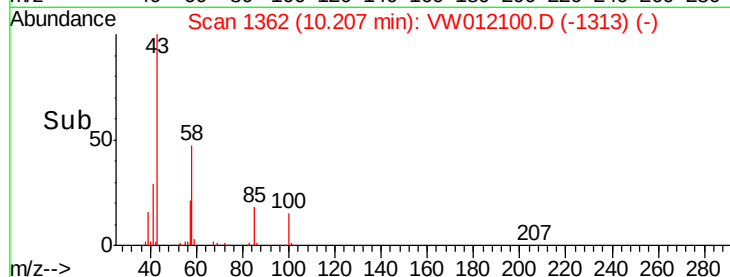
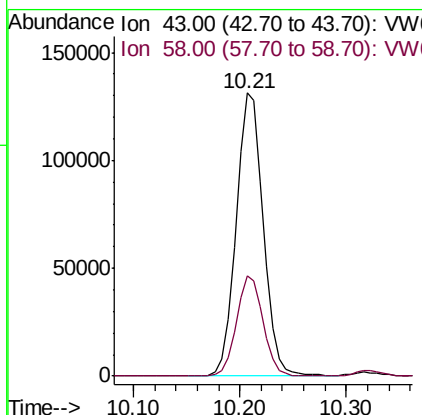
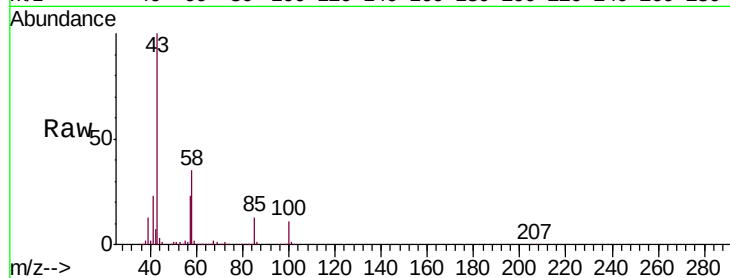




#51
 4-Methyl-2-Pentanone
 Concen: 114.789 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

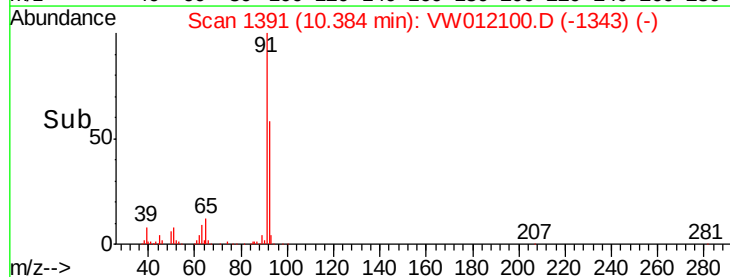
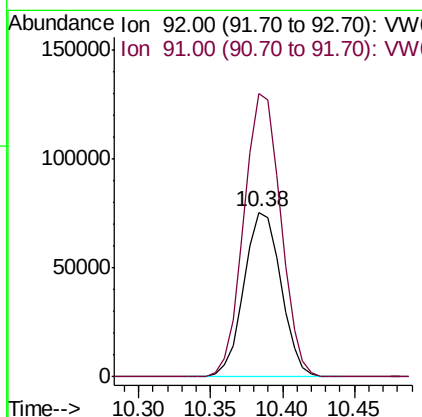
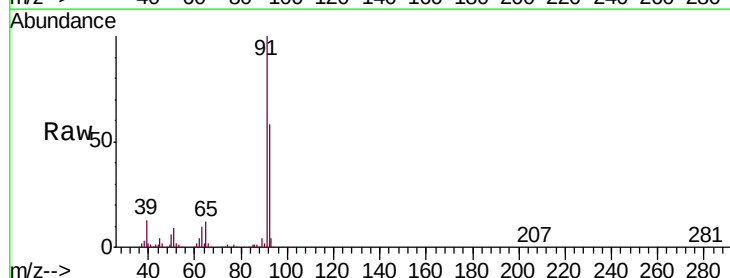
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

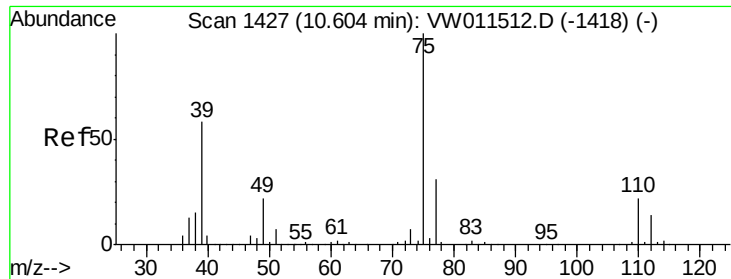
Tgt Ion: 43 Resp: 233519
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.2 42.2



#52
 Toluene
 Concen: 21.611 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 92 Resp: 135127
 Ion Ratio Lower Upper
 92 100
 91 171.5 136.7 205.1

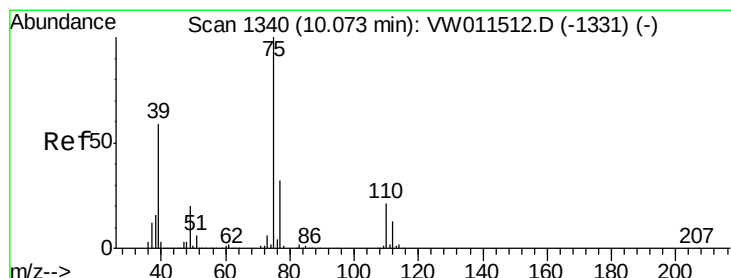
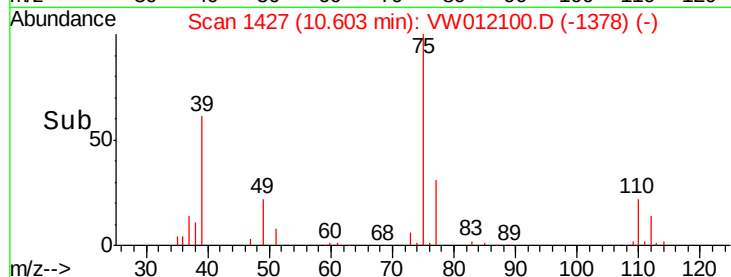
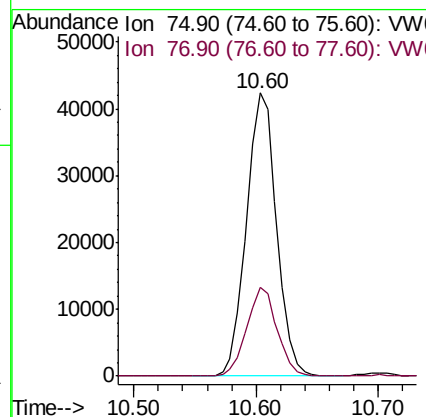
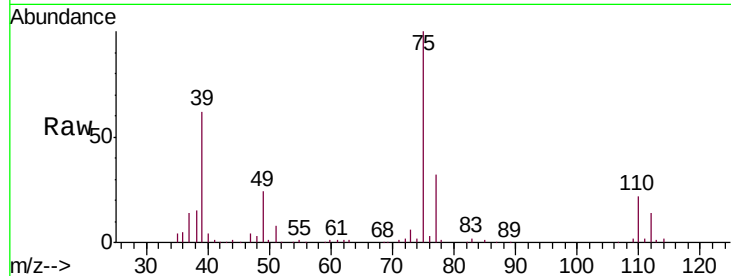




#53
 t-1,3-Dichloropropene
 Concen: 20.926 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

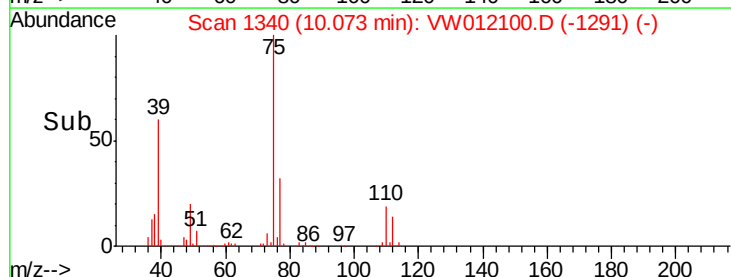
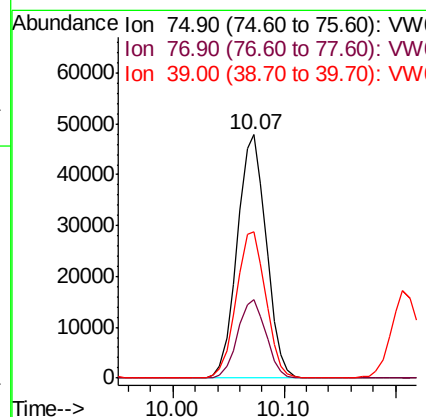
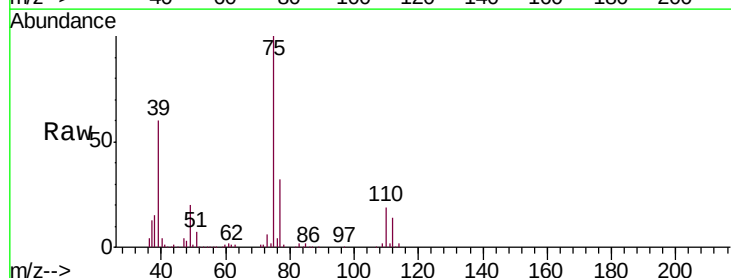
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

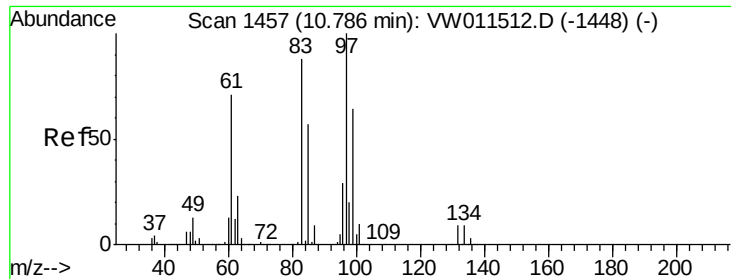
Tgt Ion: 75 Resp: 72502
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.934 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 75 Resp: 86240
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4
 39 59.8 47.0 70.4

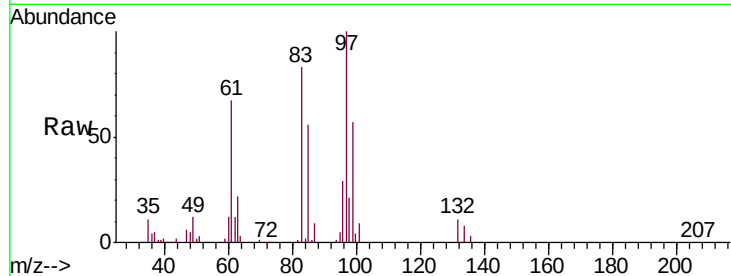




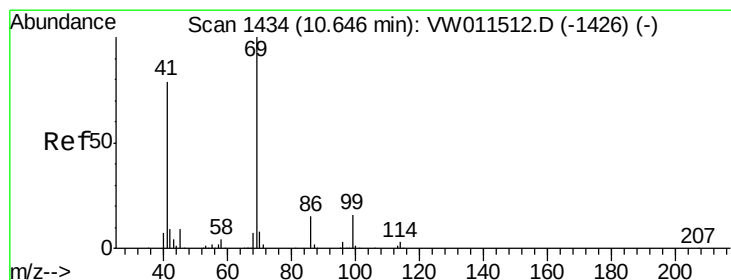
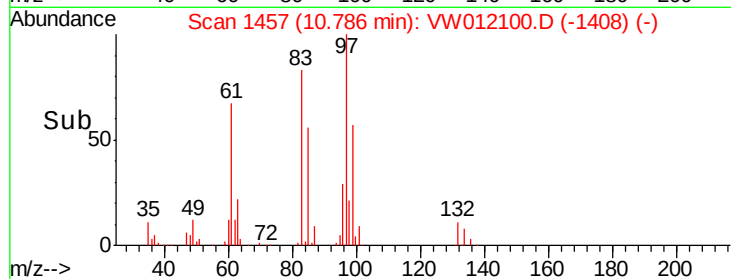
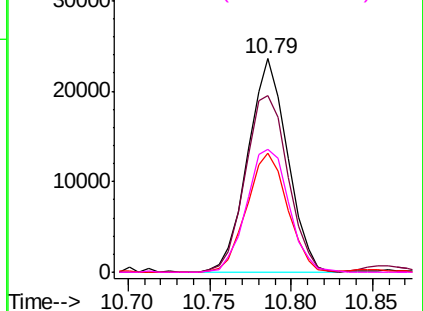
#55
 1,1,2-Trichloroethane
 Concen: 22.255 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tgt Ion:	97	Resp:	39927
Ion	Ratio	Lower	Upper
97	100		
83	82.8	70.5	105.7
85	56.0	45.8	68.6
99	57.1	51.0	76.4

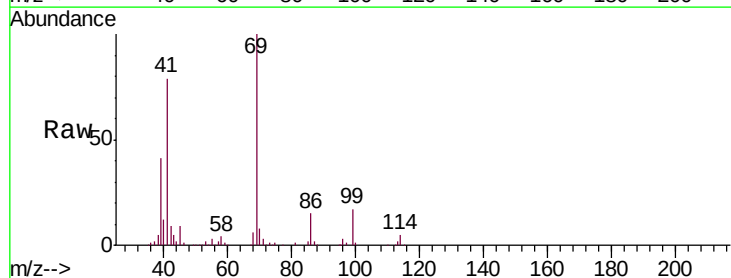


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

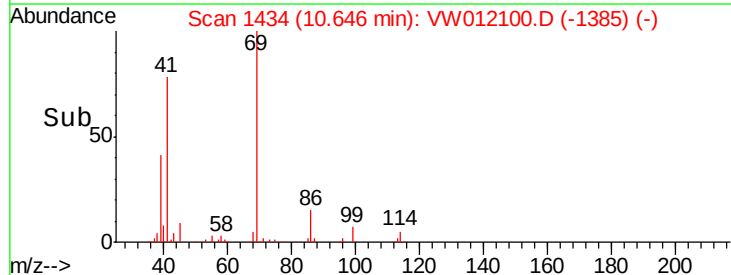
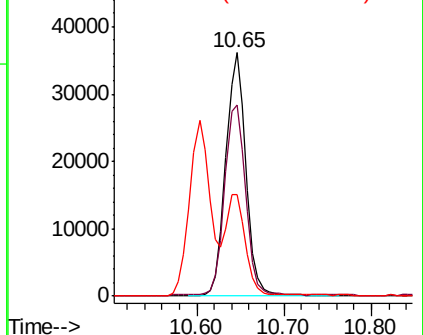


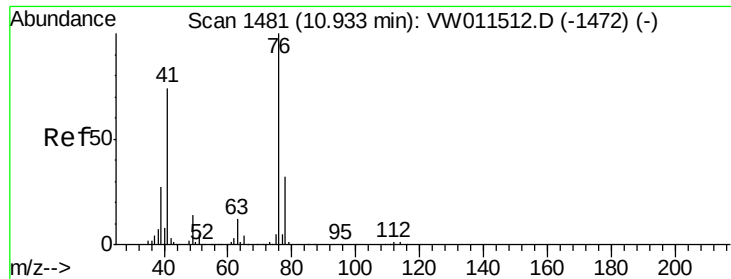
#56
 Ethyl methacrylate
 Concen: 22.132 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion:	69	Resp:	58102
Ion	Ratio	Lower	Upper
69	100		
41	80.5	66.6	99.8
39	38.4	30.3	45.5



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

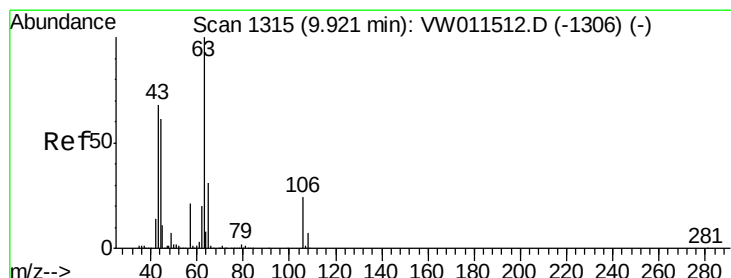
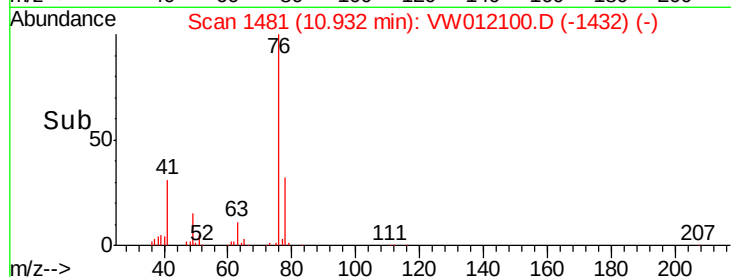
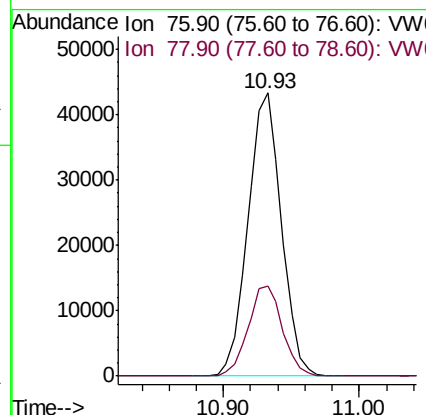
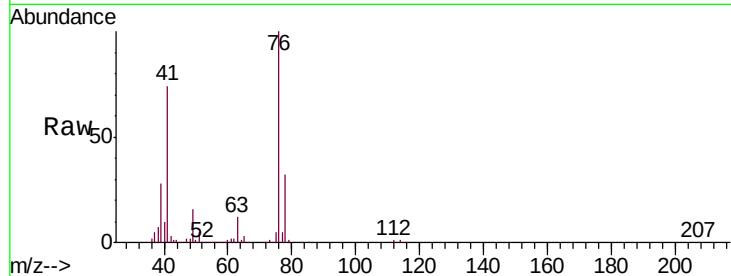




#57
 1,3-Dichloropropane
 Concen: 21.959 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

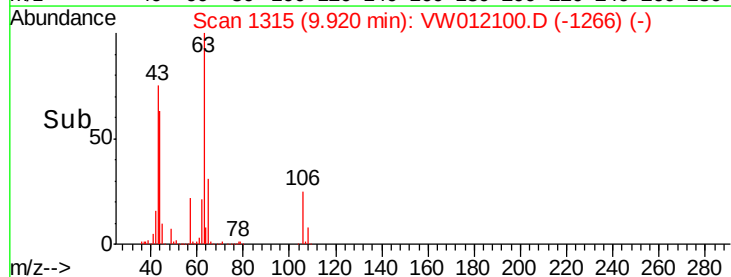
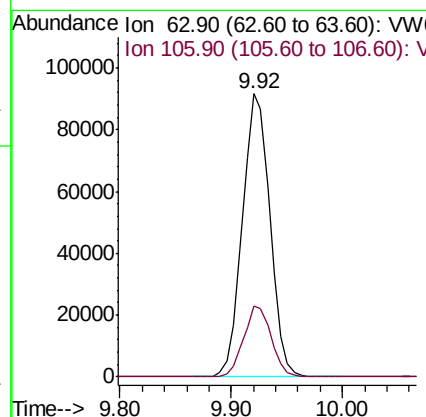
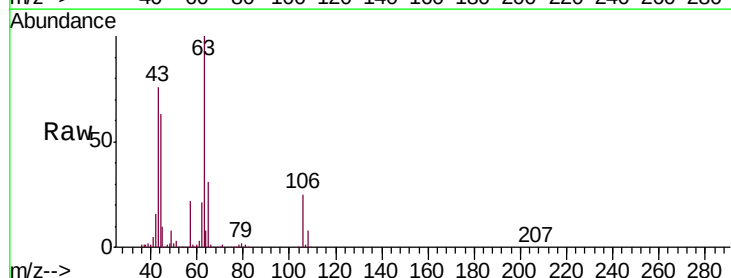
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

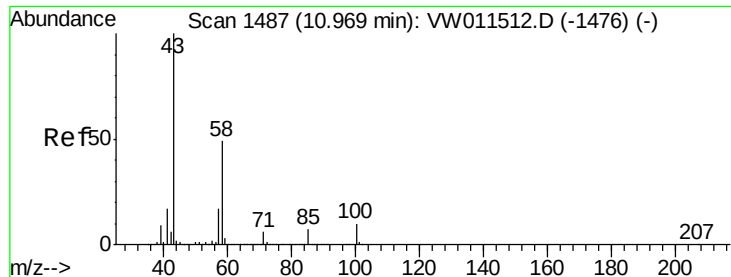
Tgt Ion: 76 Resp: 74533
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 131.636 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 63 Resp: 156907
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.7 29.5

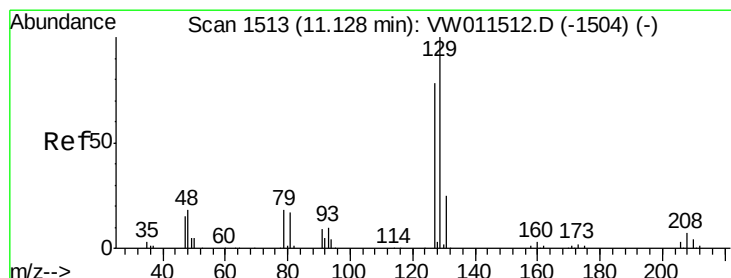
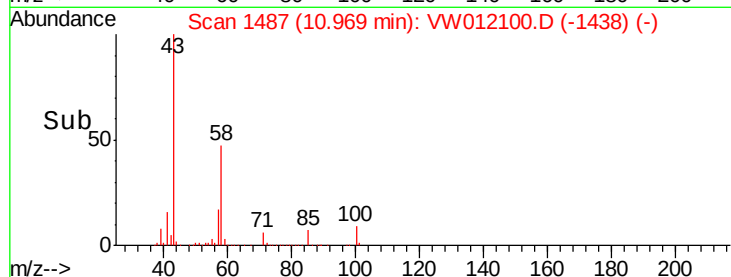
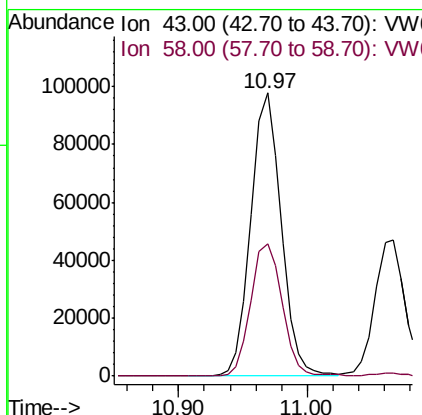
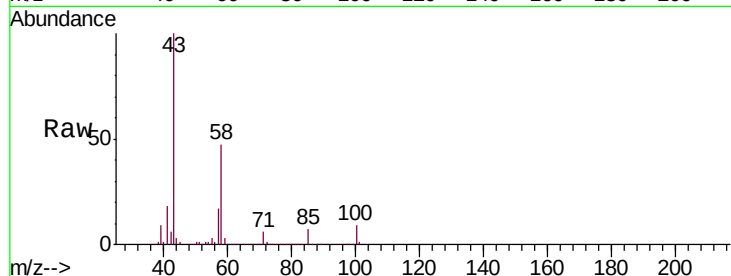




#59
2-Hexanone
Concen: 110.647 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

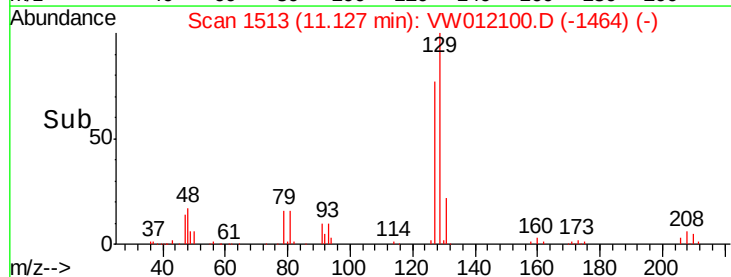
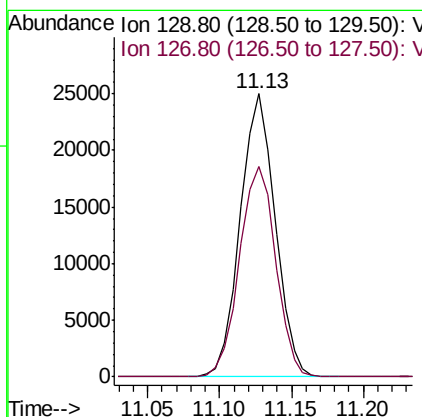
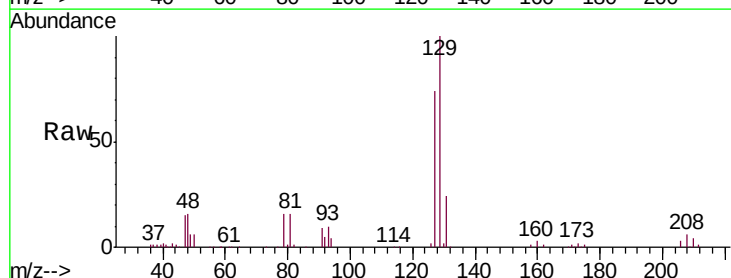
Instrument :
MSVOA_W
ClientSampled :
VW0822SBS01

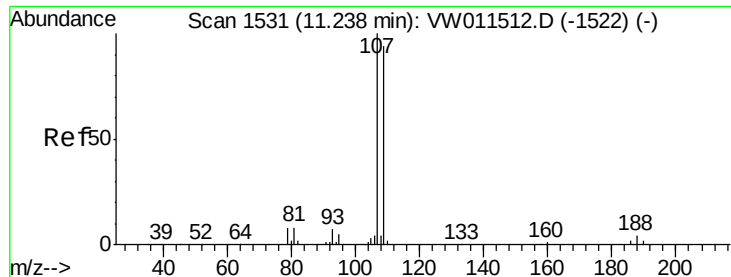
Tgt Ion: 43 Resp: 158930
Ion Ratio Lower Upper
43 100
58 48.4 24.3 72.9



#60
Dibromochloromethane
Concen: 21.204 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Tgt Ion: 129 Resp: 42226
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 21.860 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

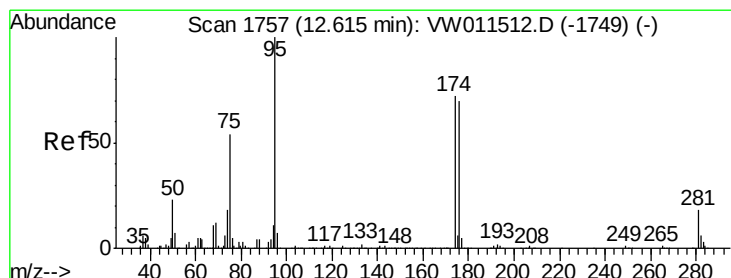
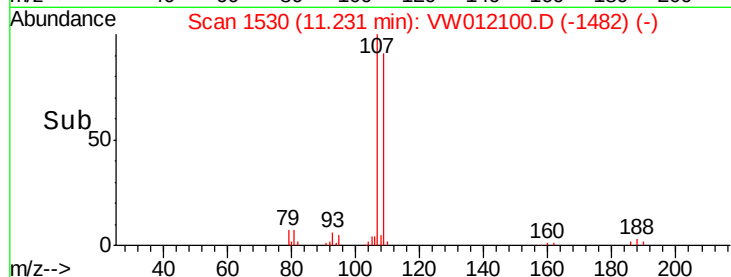
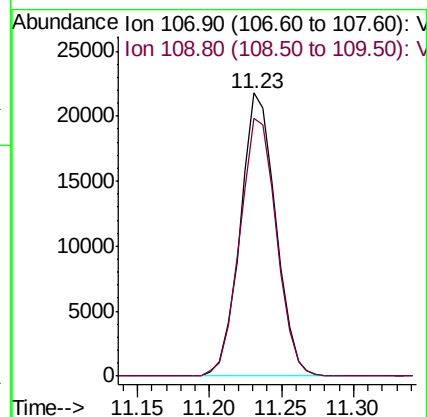
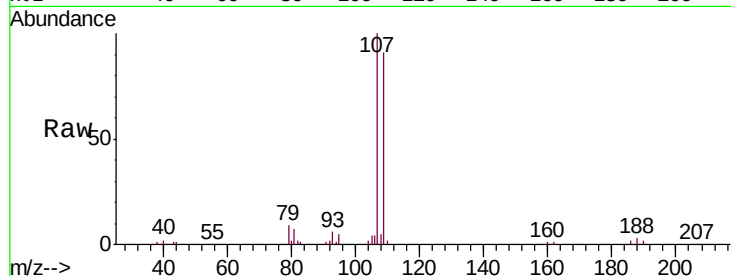
VW0822SBS01

Tgt Ion: 107 Resp: 37113

Ion Ratio Lower Upper

107 100

109 94.3 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 57.526 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

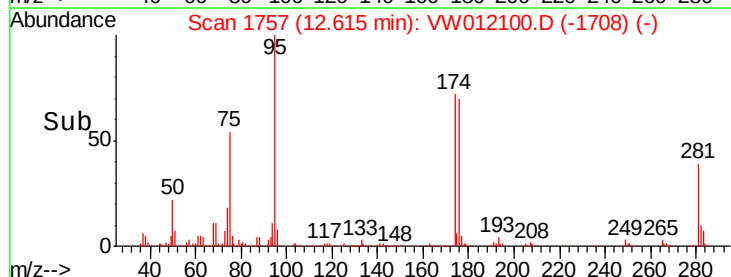
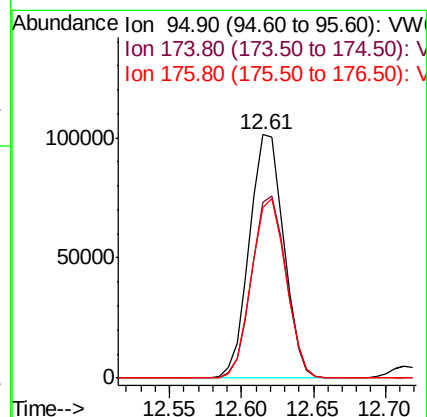
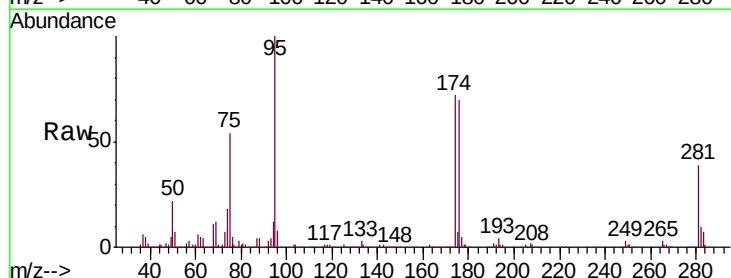
Tgt Ion: 95 Resp: 167466

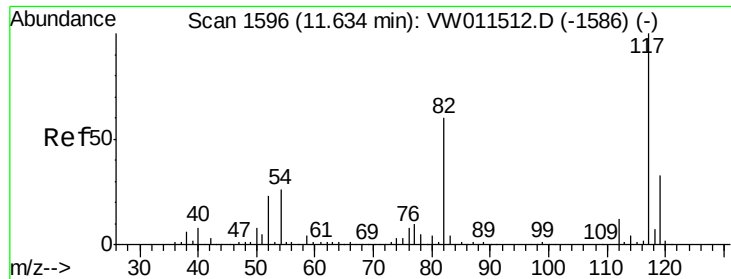
Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

176 73.9 0.0 144.4

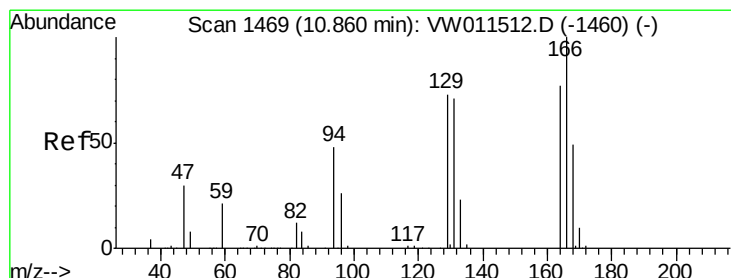
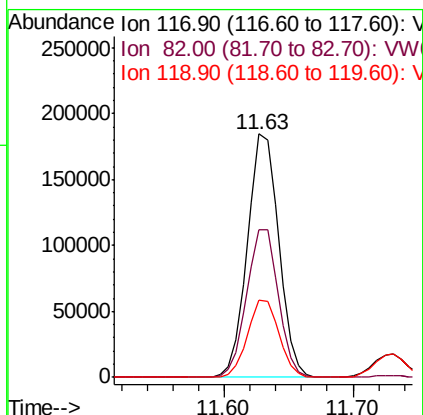
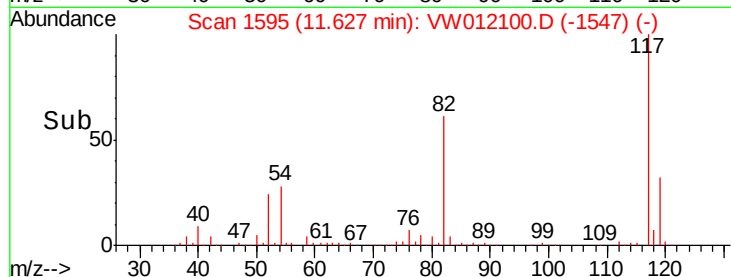
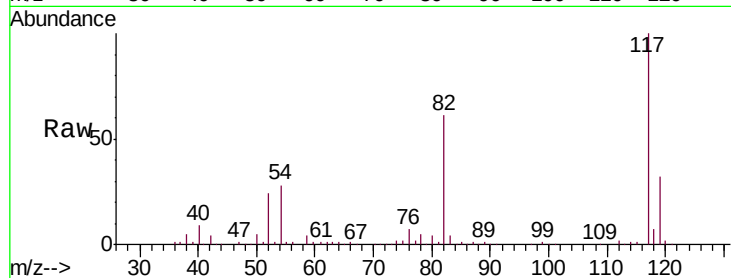




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

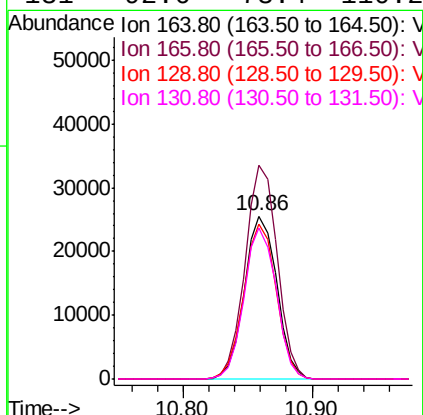
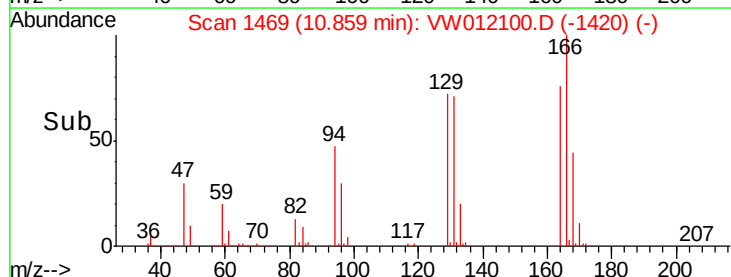
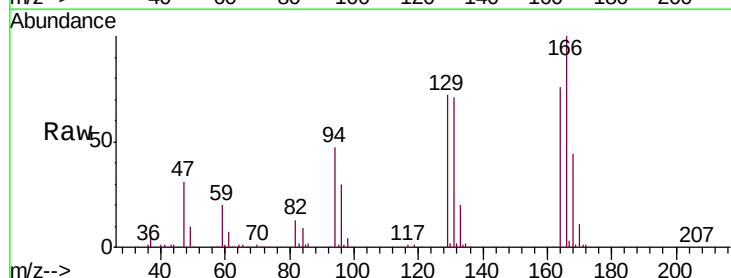
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

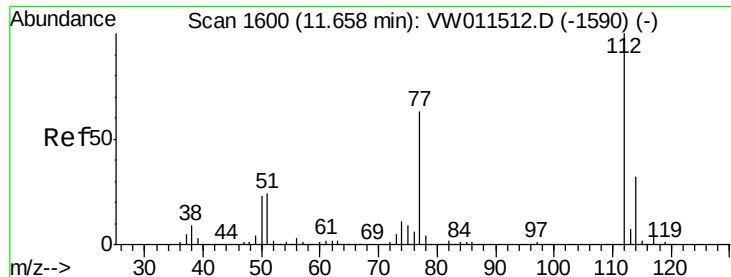
Tgt Ion:117 Resp: 310078
Ion Ratio Lower Upper
117 100
82 60.9 47.9 71.9
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 21.981 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Tgt Ion:164 Resp: 44379
Ion Ratio Lower Upper
164 100
166 131.0 103.5 155.3
129 94.7 75.2 112.8
131 92.6 73.4 110.2

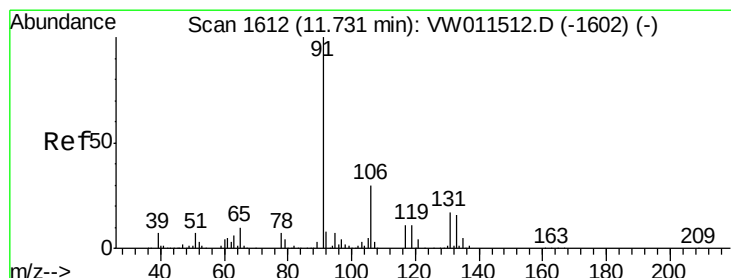
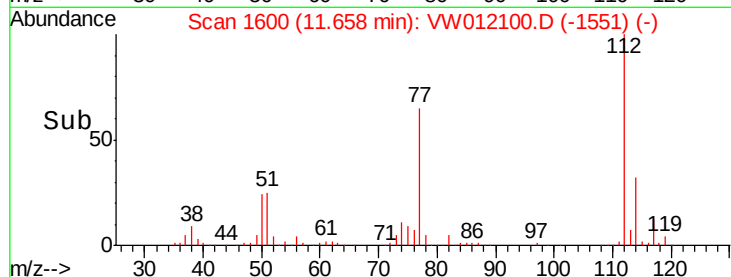
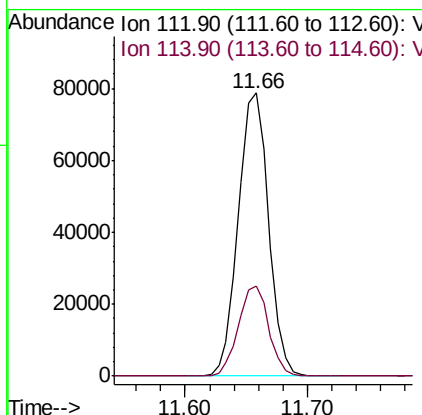
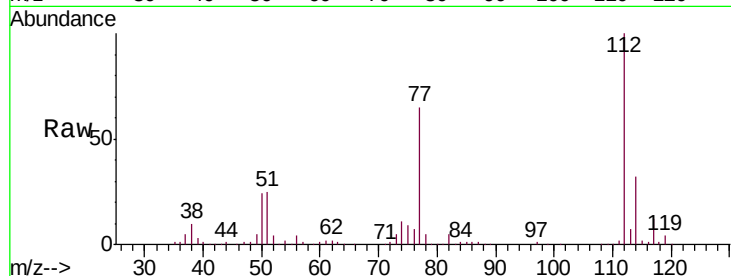




#65
Chlorobenzene
Concen: 21.701 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

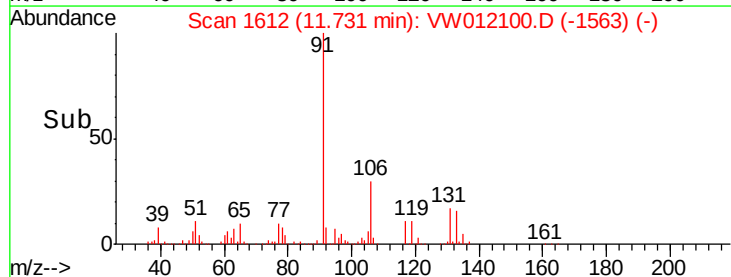
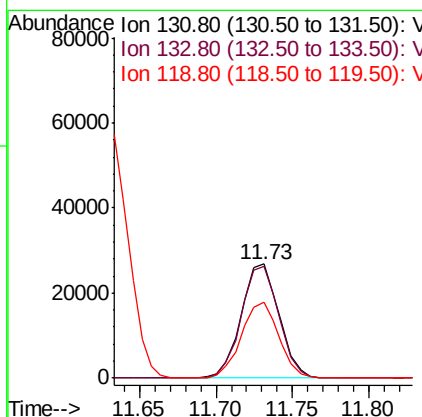
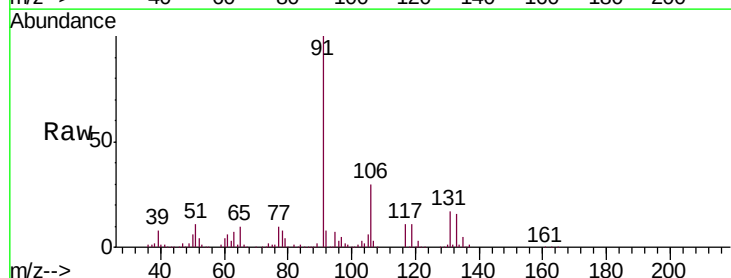
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

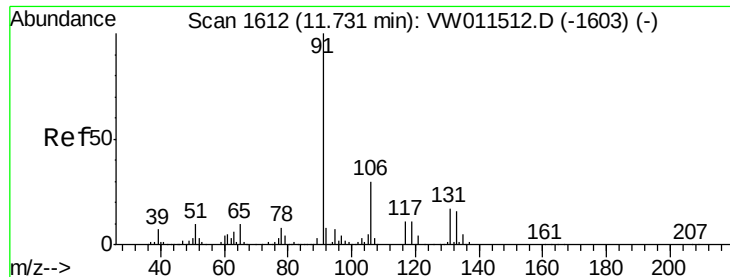
Tgt Ion:112 Resp: 135282
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.186 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Tgt Ion:131 Resp: 46004
Ion Ratio Lower Upper
131 100
133 97.9 47.4 142.2
119 66.5 32.3 96.9





#67

Ethyl Benzene

Concen: 22.116 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

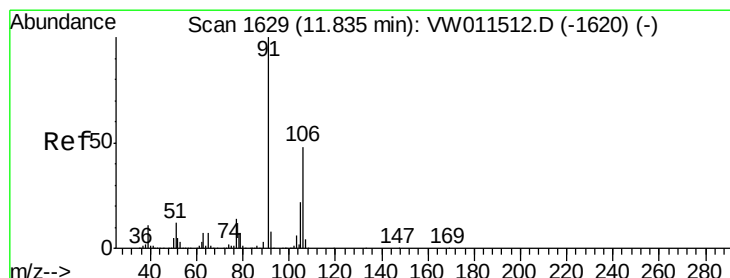
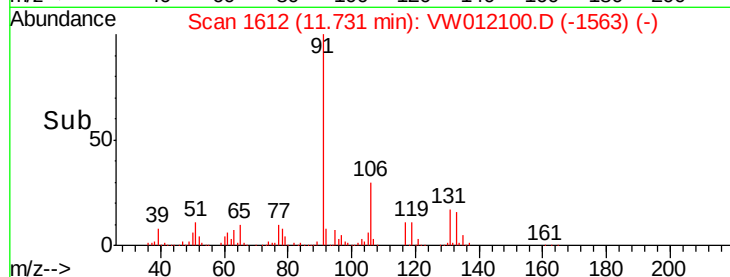
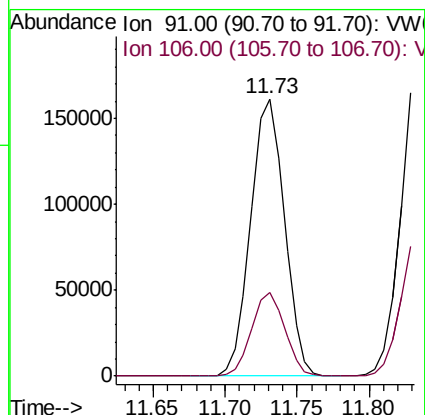
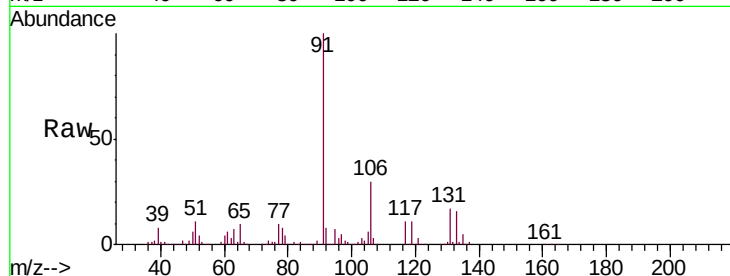
VW0822SBS01

Tgt Ion: 91 Resp: 262587

Ion Ratio Lower Upper

91 100

106 30.0 23.8 35.6



#68

m/p-Xylenes

Concen: 43.869 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW012100.D

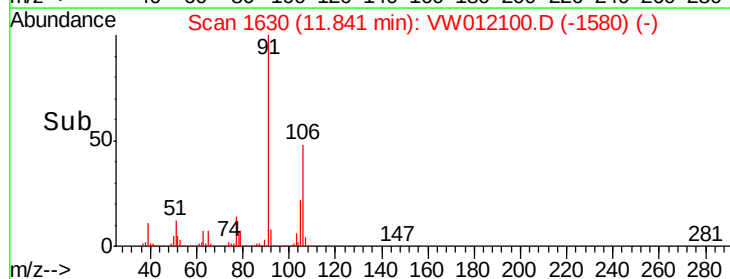
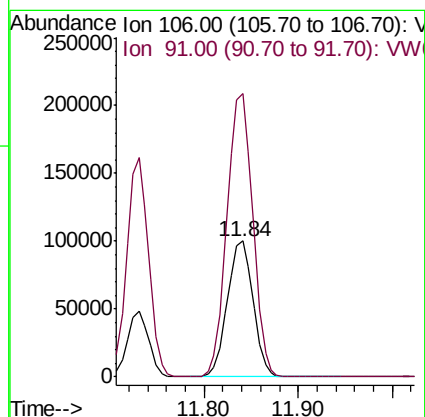
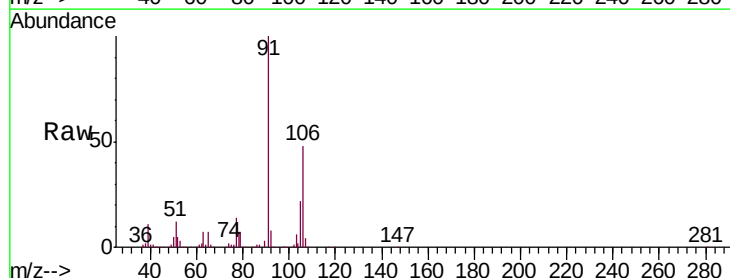
Acq: 22 Aug 2019 10:40

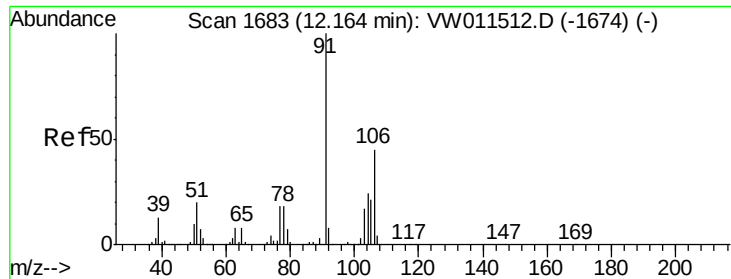
Tgt Ion: 106 Resp: 189419

Ion Ratio Lower Upper

106 100

91 209.9 168.2 252.2

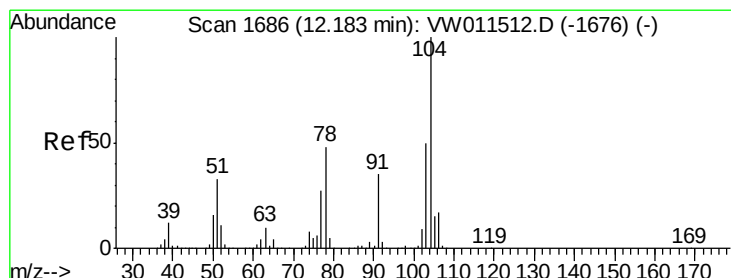
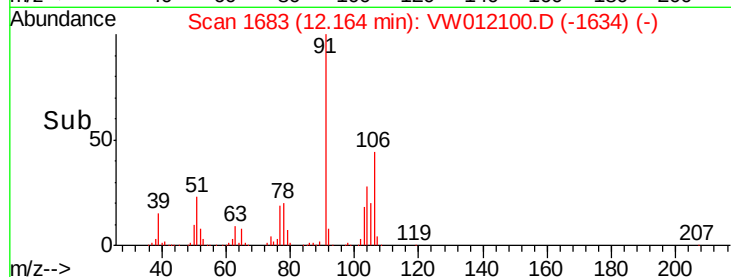
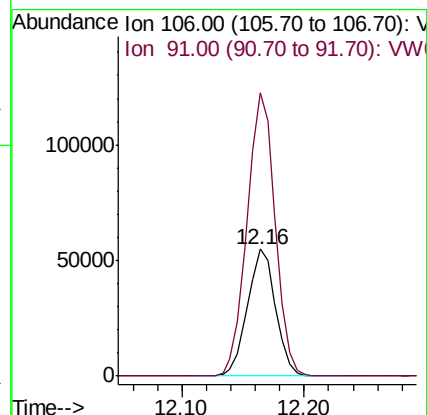
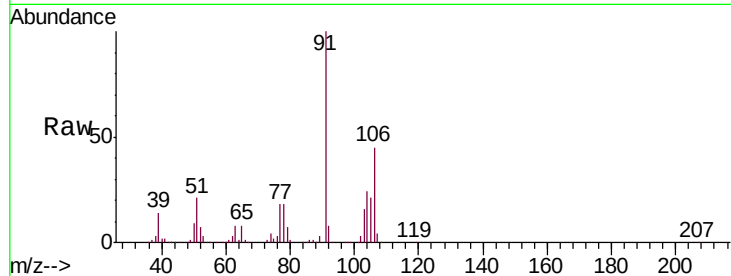




#69
o-Xylene
Concen: 21.848 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

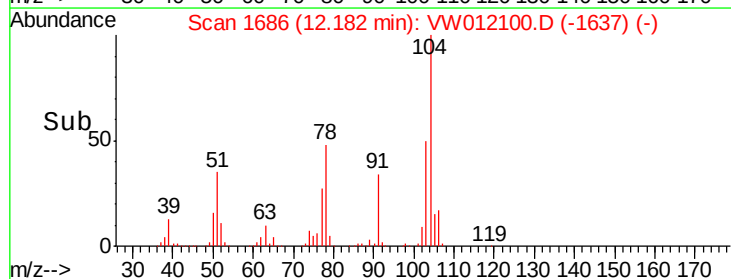
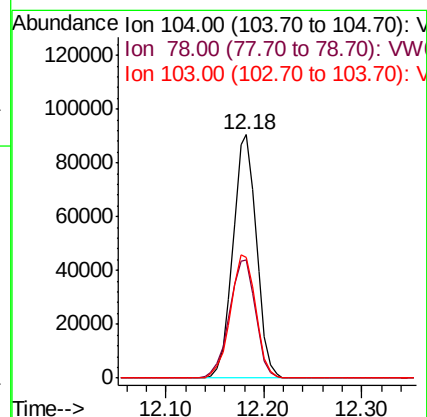
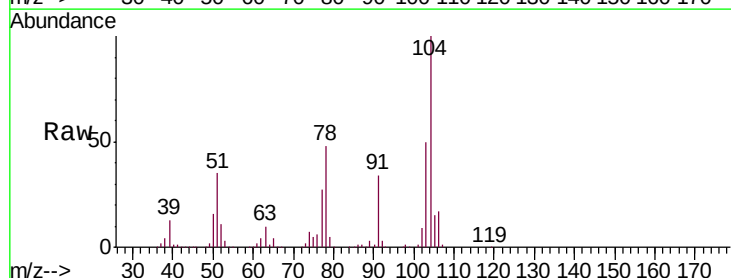
Instrument :
MSVOA_W
ClientSampled :
VW0822SBS01

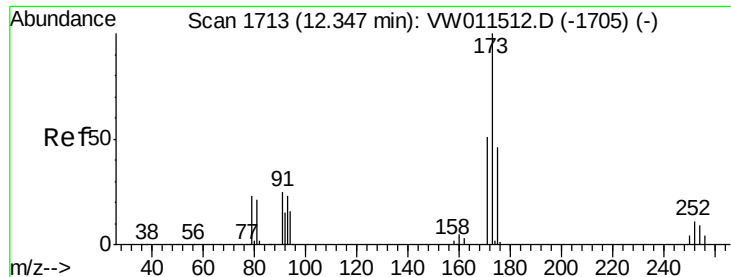
Tgt Ion:106 Resp: 87664
Ion Ratio Lower Upper
106 100
91 222.4 110.5 331.5



#70
Styrene
Concen: 21.724 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Tgt Ion:104 Resp: 150712
Ion Ratio Lower Upper
104 100
78 54.1 43.4 65.0
103 54.7 43.9 65.9

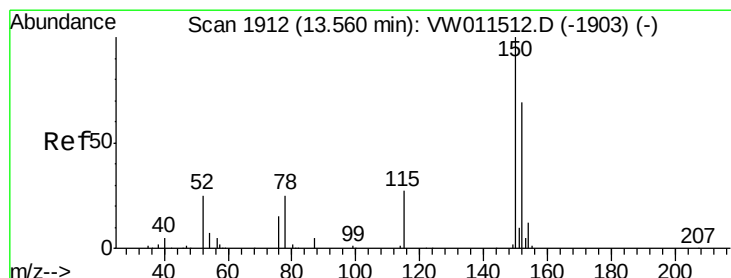
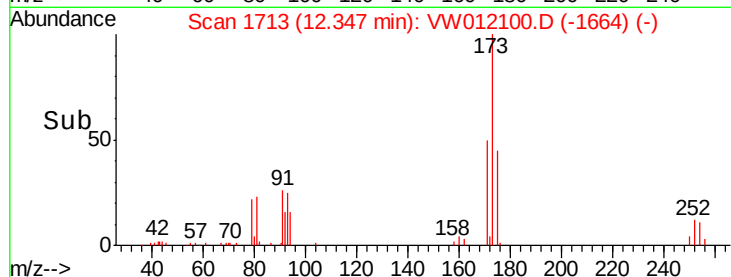
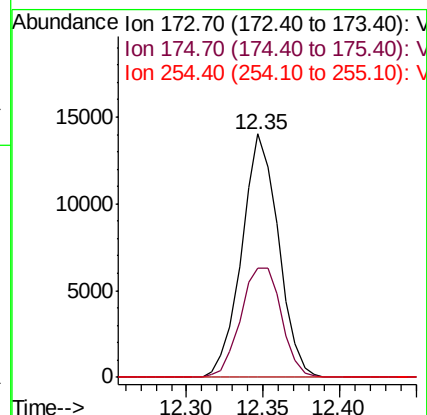
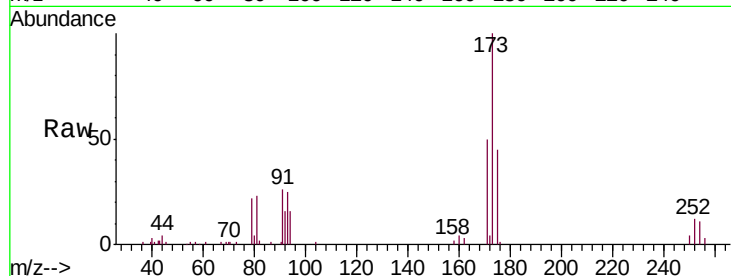




#71
Bromoform
Concen: 21.066 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

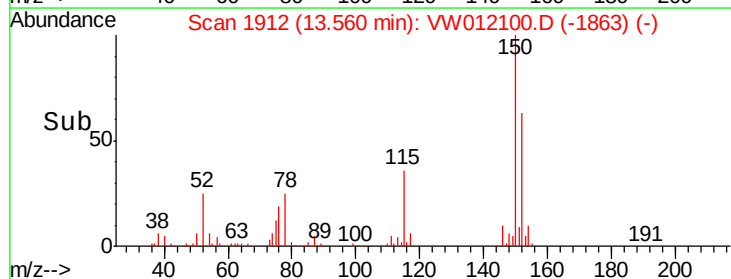
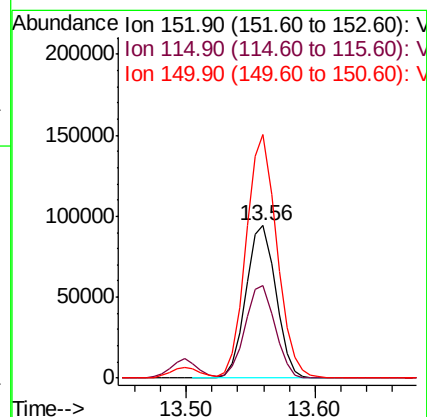
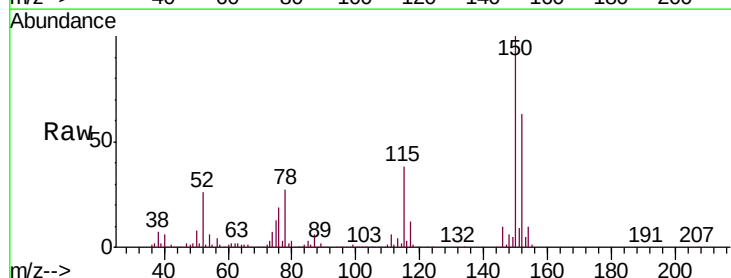
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

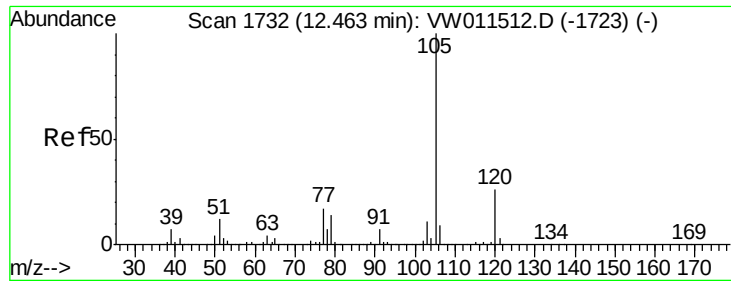
Tgt Ion:173 Resp: 23323
Ion Ratio Lower Upper
173 100
175 50.1 23.6 71.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Tgt Ion:152 Resp: 151333
Ion Ratio Lower Upper
152 100
115 60.7 30.5 91.5
150 163.1 0.0 352.6

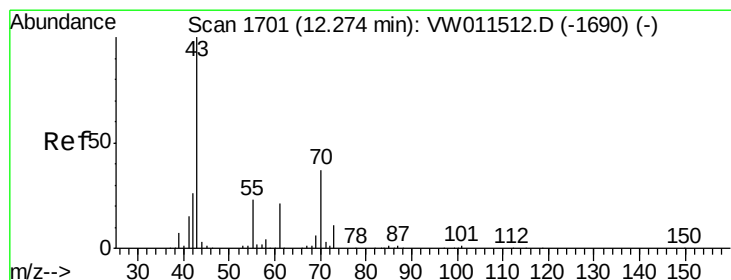
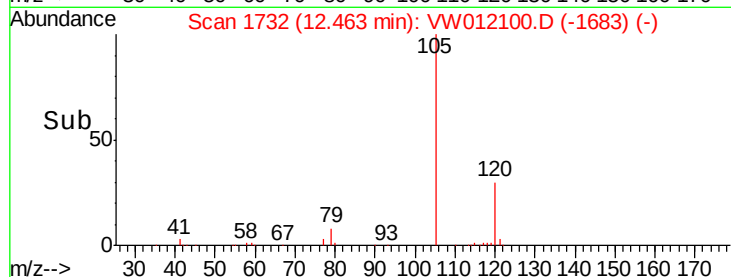
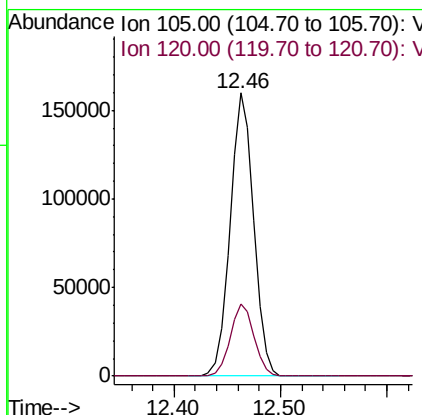
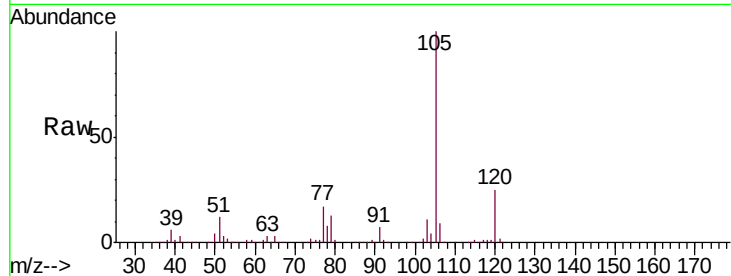




#73
Isopropylbenzene
Concen: 21.837 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

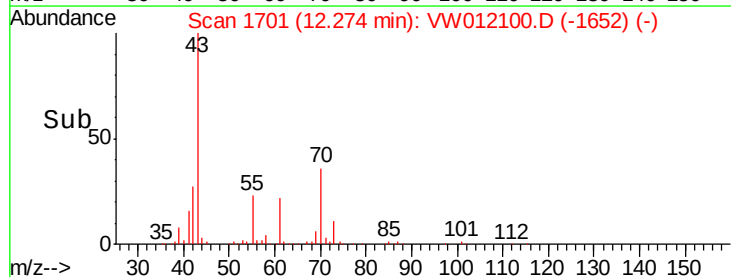
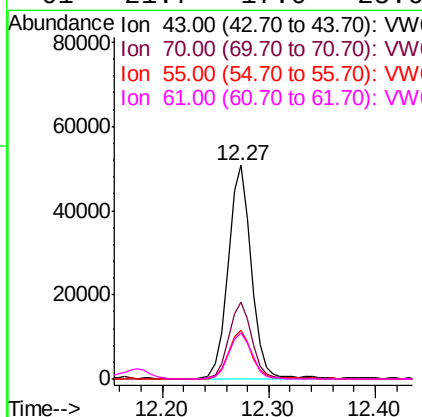
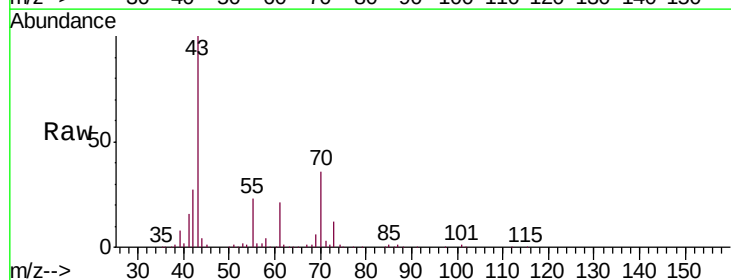
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

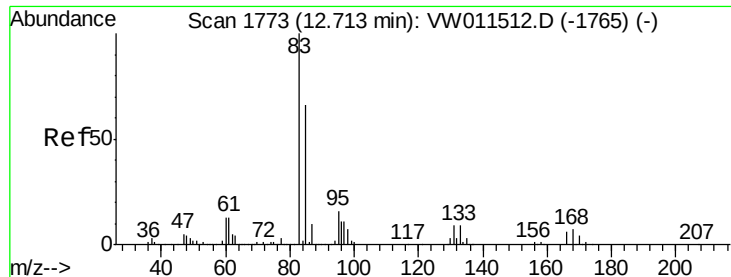
Tgt Ion: 105 Resp: 246539
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7



#74
N-ethyl acetate
Concen: 21.993 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Tgt Ion: 43 Resp: 77735
Ion Ratio Lower Upper
43 100
70 35.8 28.6 43.0
55 22.9 17.8 26.8
61 21.7 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.829 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

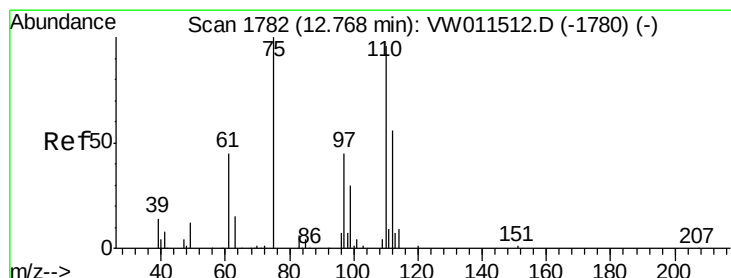
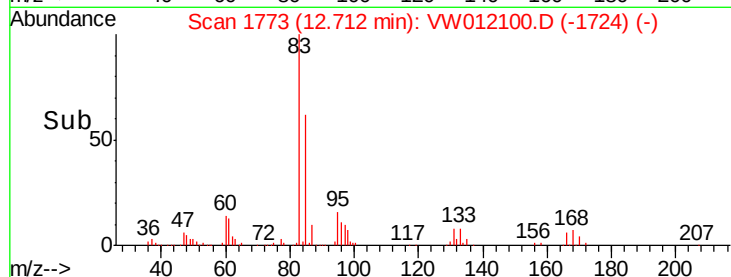
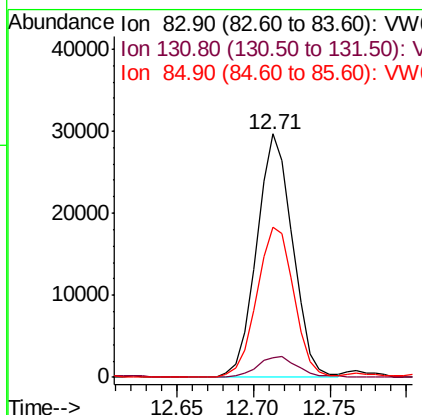
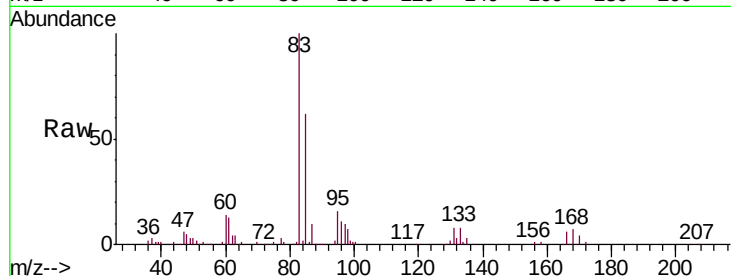
Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

Tgt Ion:	83	Resp:	48480
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.6
85	63.5	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 39.405 ug/l

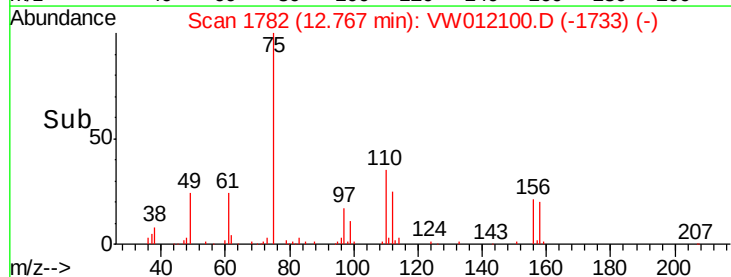
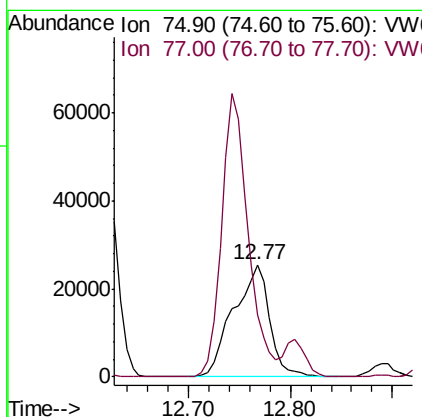
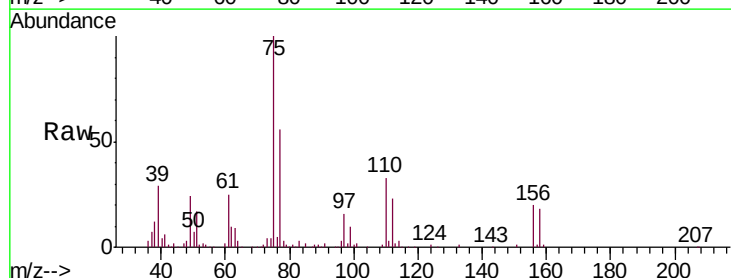
RT: 12.77 min Scan# 1782

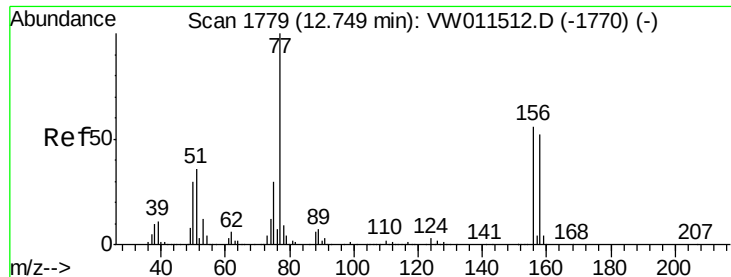
Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Tgt Ion:	75	Resp:	63099
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.520 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

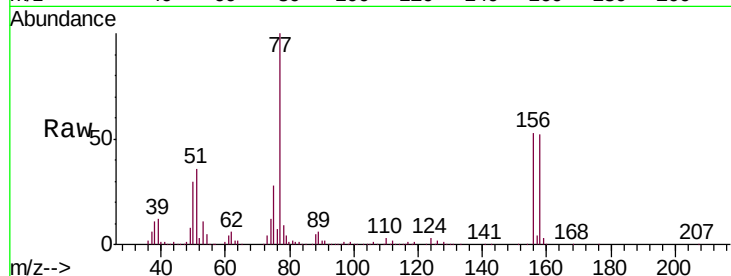
Tgt Ion:156 Resp: 53700

Ion Ratio Lower Upper

156 100

77 216.9 106.5 319.4

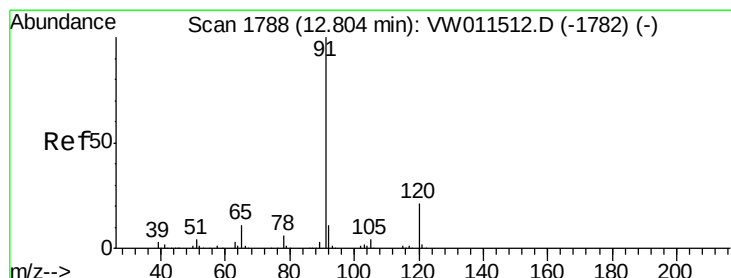
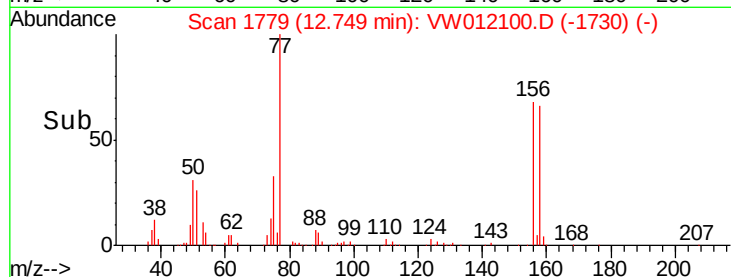
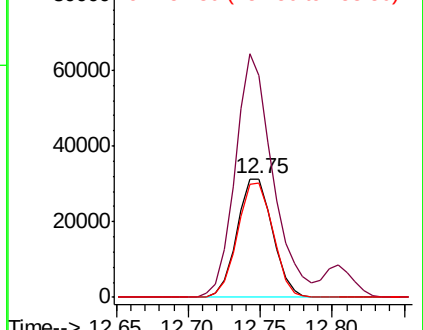
158 96.5 48.0 144.2



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: 22.080 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012100.D

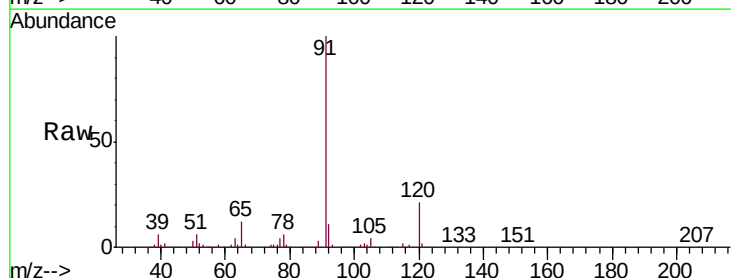
Acq: 22 Aug 2019 10:40

Tgt Ion: 91 Resp: 303370

Ion Ratio Lower Upper

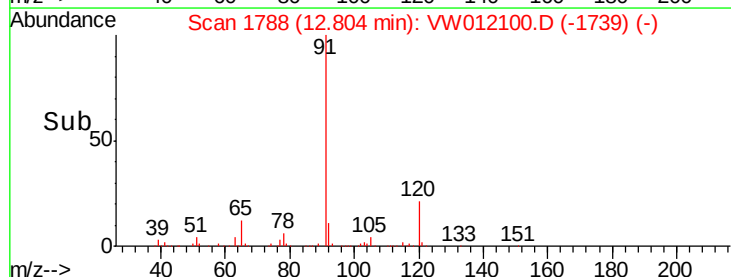
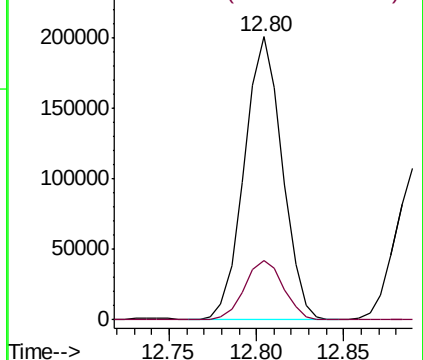
91 100

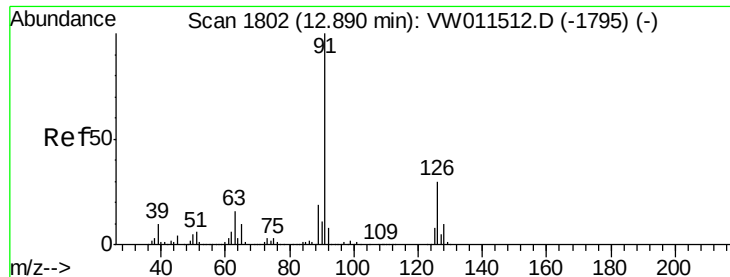
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.465 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

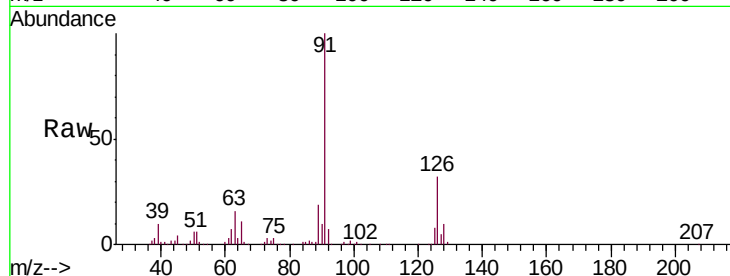
VW0822SBS01

Tgt Ion: 91 Resp: 169904

Ion Ratio Lower Upper

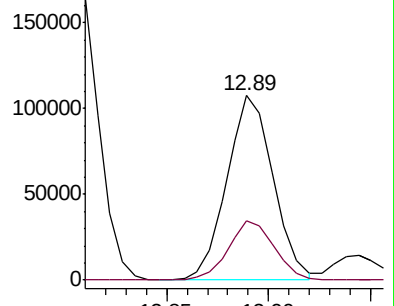
91 100

126 32.2 15.7 47.1

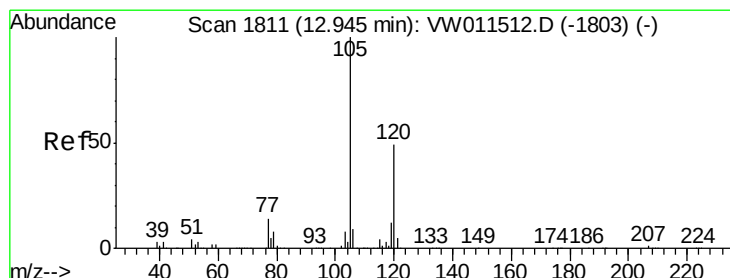
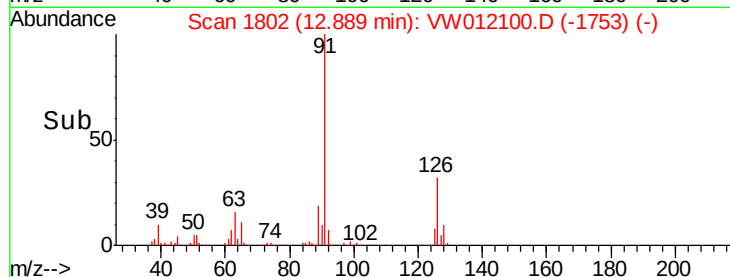


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.848 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012100.D

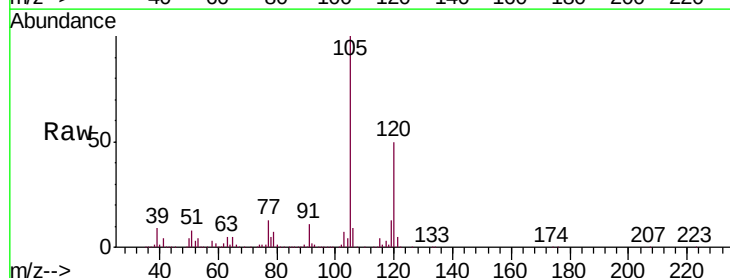
Acq: 22 Aug 2019 10:40

Tgt Ion: 105 Resp: 206762

Ion Ratio Lower Upper

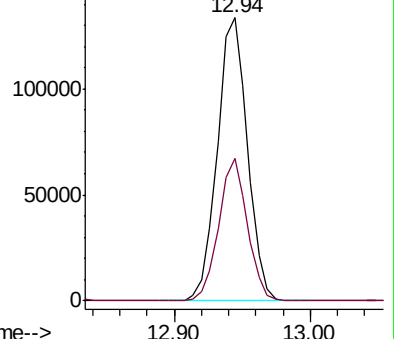
105 100

120 48.1 24.1 72.3

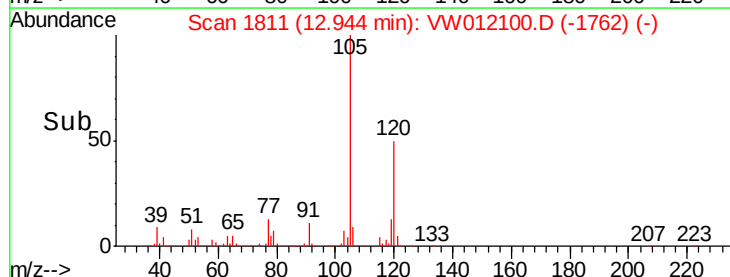


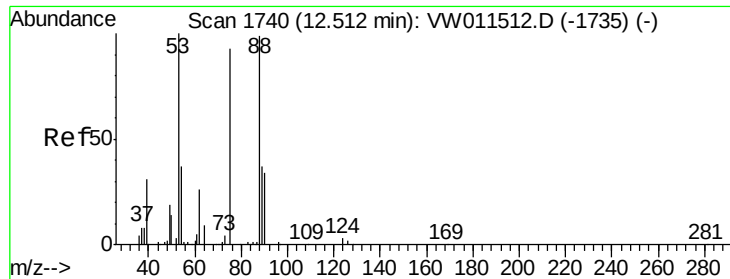
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.439 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

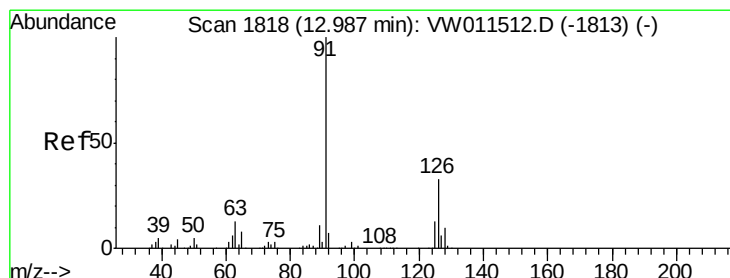
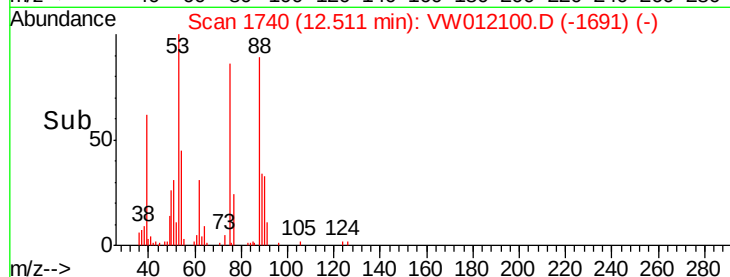
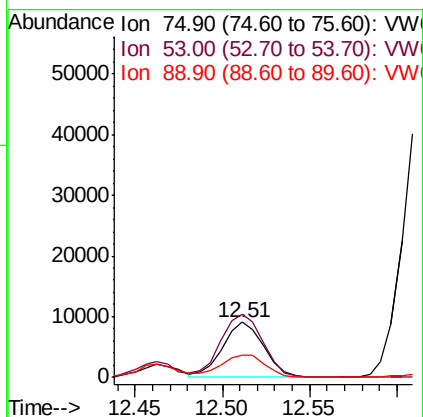
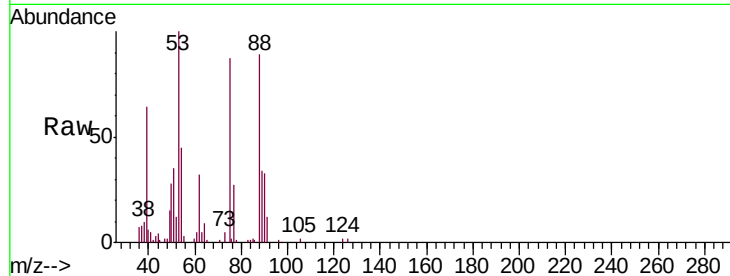
Tgt Ion: 75 Resp: 14896

Ion Ratio Lower Upper

75 100

53 114.4 88.0 132.0

89 43.3 35.3 52.9



#82

4-Chlorotoluene

Concen: 21.676 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012100.D

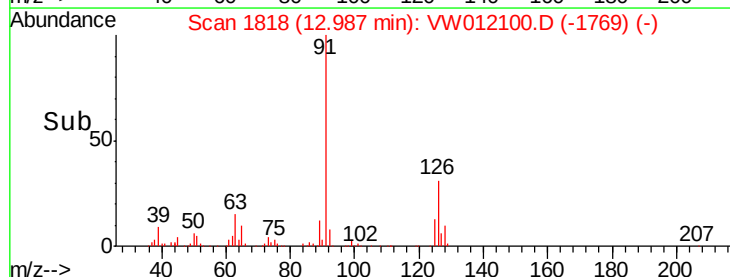
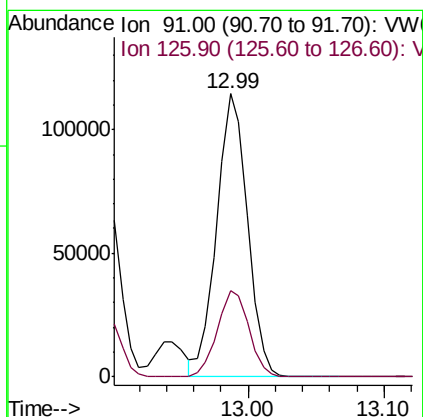
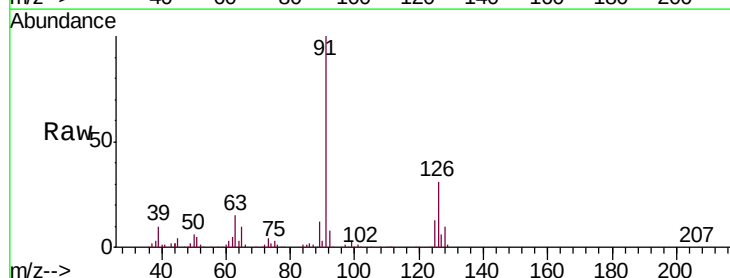
Acq: 22 Aug 2019 10:40

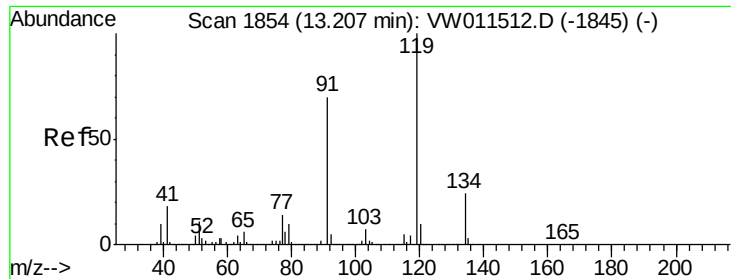
Tgt Ion: 91 Resp: 180022

Ion Ratio Lower Upper

91 100

126 31.2 15.6 46.8

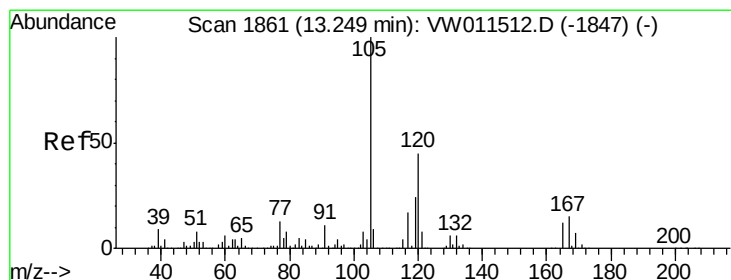
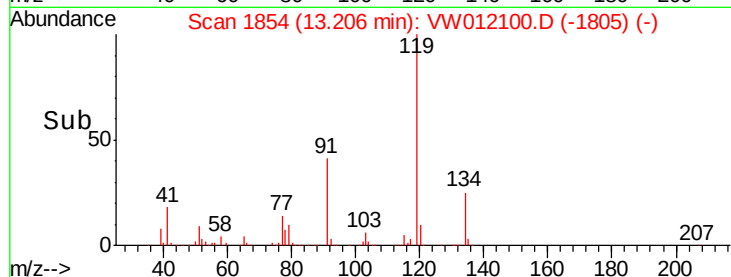
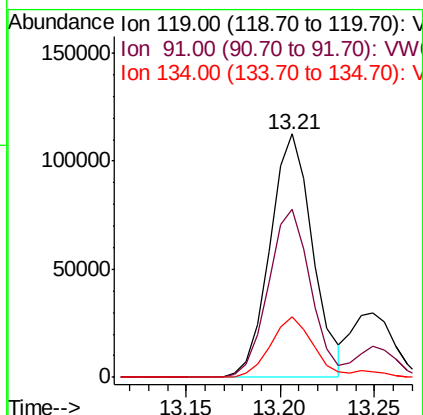
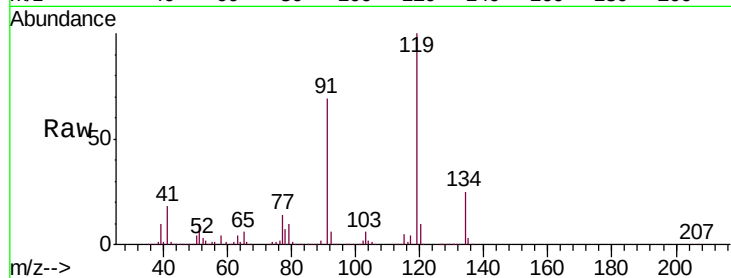




#83
 tert-Butylbenzene
 Concen: 22.339 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

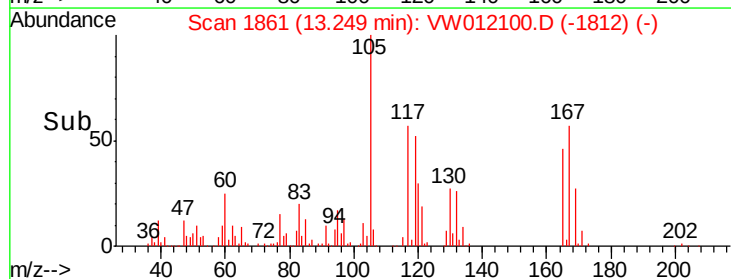
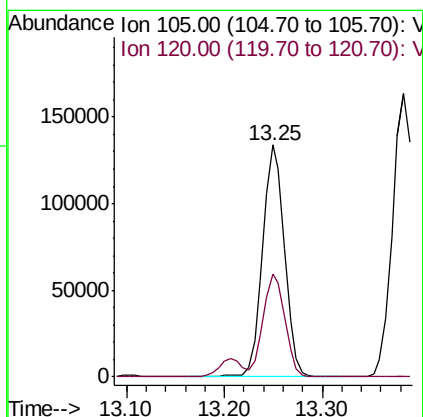
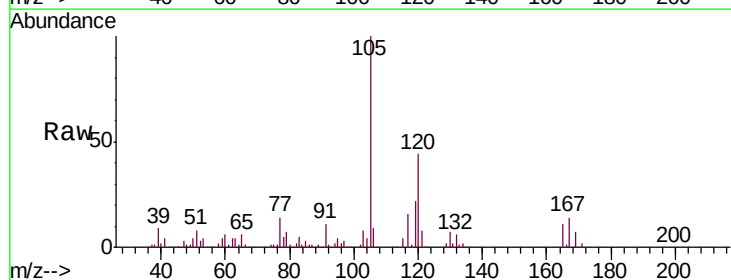
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

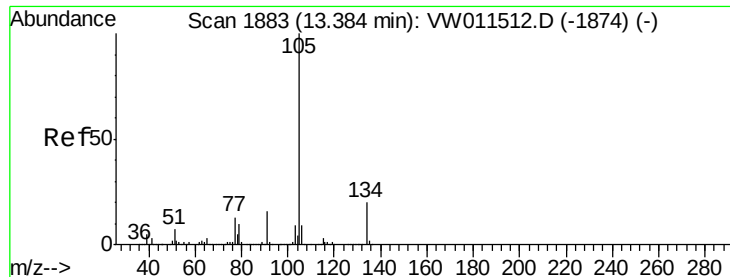
Tgt Ion:119 Resp: 176793
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.5 103.6
 134 24.8 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.790 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion:105 Resp: 207730
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5





#85

sec-Butylbenzene

Concen: 22.093 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

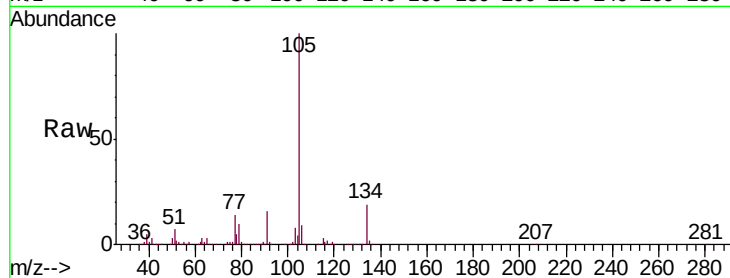
VW0822SBS01

Tgt Ion:105 Resp: 249475

Ion Ratio Lower Upper

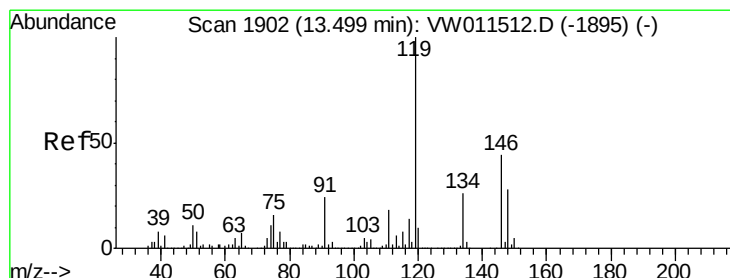
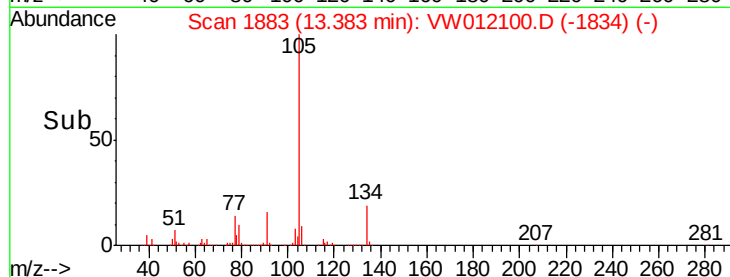
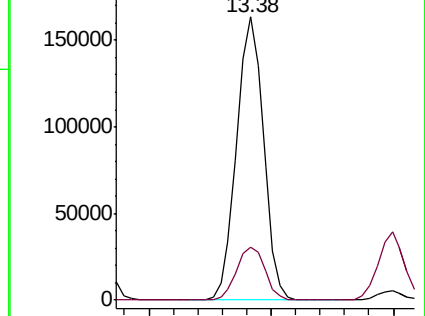
105 100

134 19.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.082 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

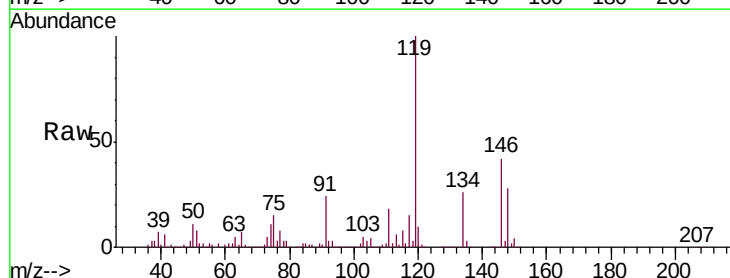
Tgt Ion:119 Resp: 226238

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

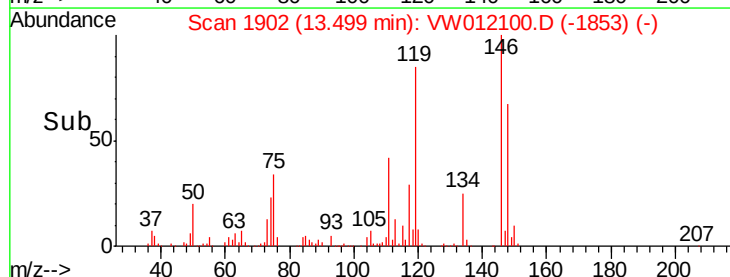
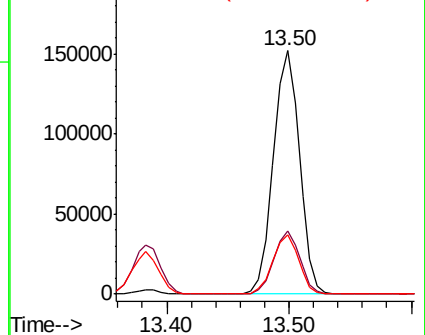
91 24.2 12.1 36.3

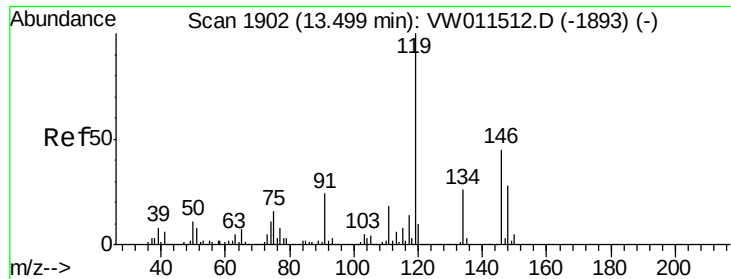


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.275 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

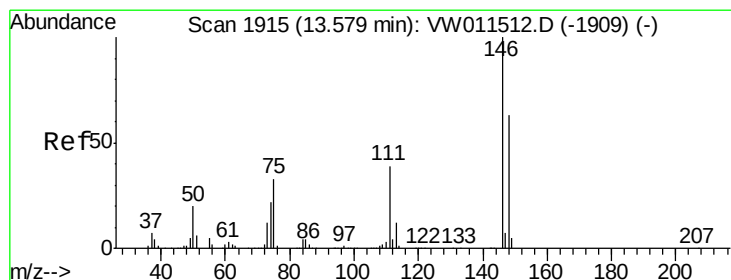
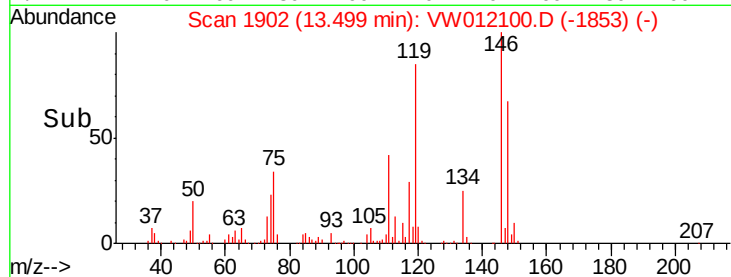
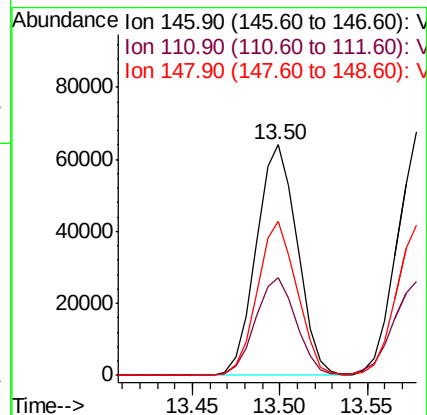
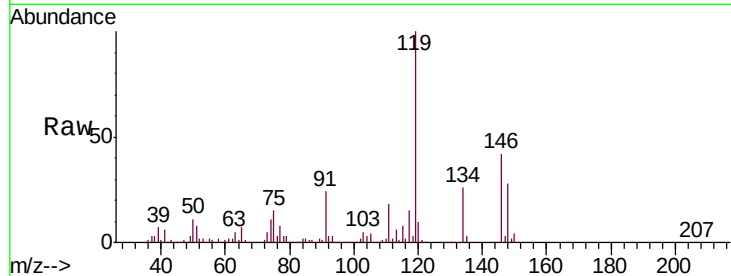
Tgt Ion:146 Resp: 104096

Ion Ratio Lower Upper

146 100

111 42.2 20.5 61.6

148 64.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.256 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

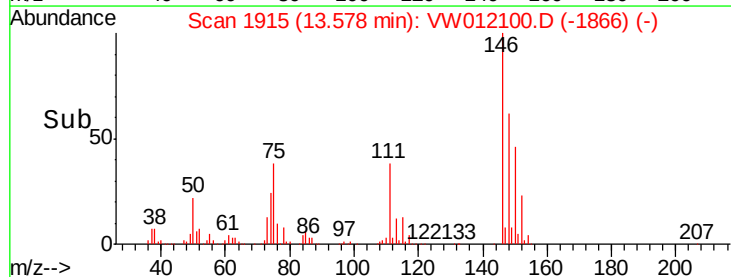
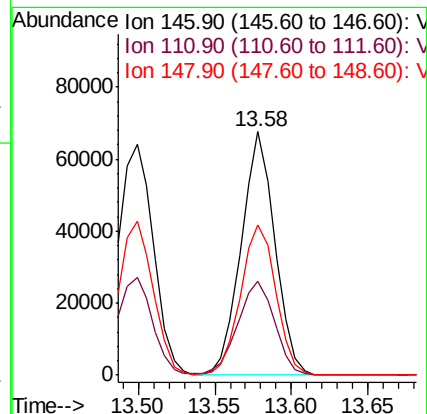
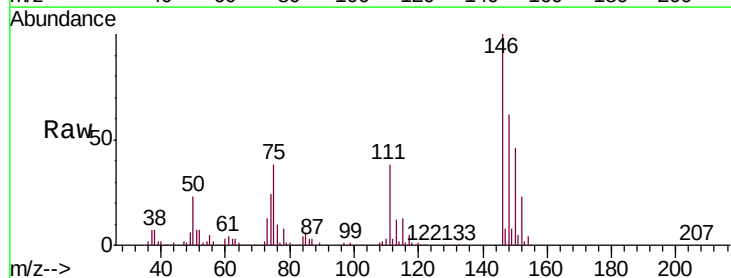
Tgt Ion:146 Resp: 103458

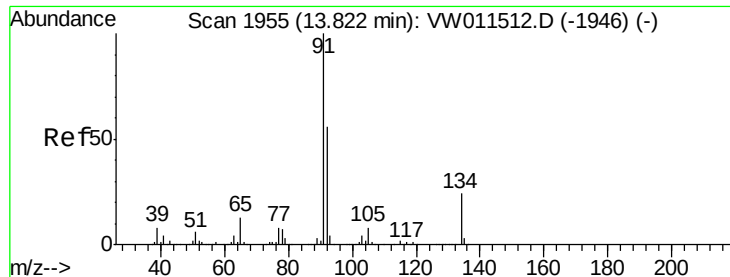
Ion Ratio Lower Upper

146 100

111 42.2 20.1 60.2

148 64.8 31.9 95.9





#89

n-Butylbenzene

Concen: 21.905 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

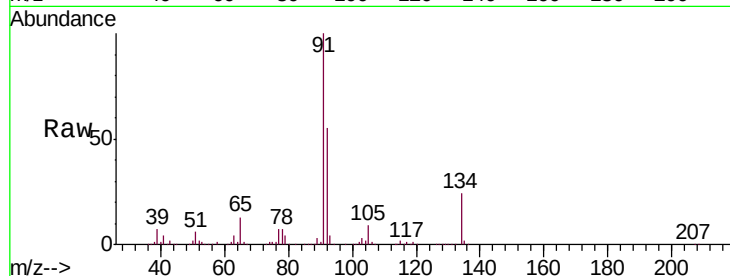
Tgt Ion: 91 Resp: 223967

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.4

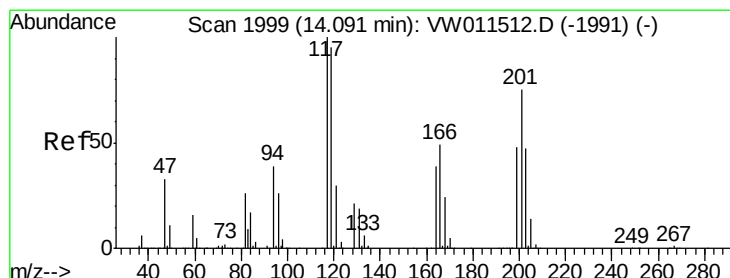
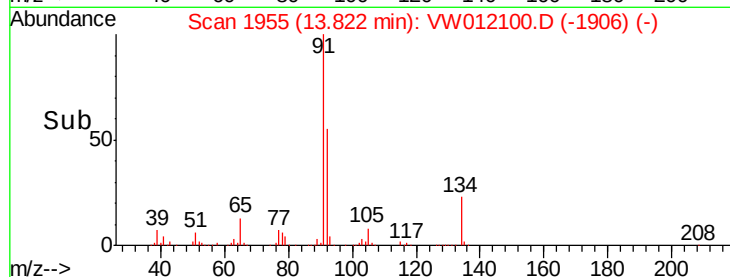
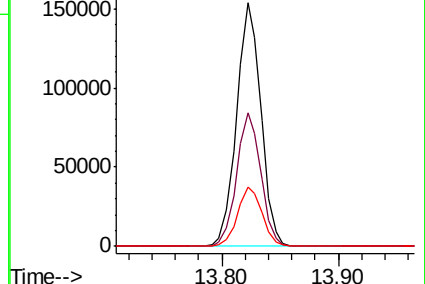
134 24.4 12.2 36.6



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): V



#90

Hexachloroethane

Concen: 20.548 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012100.D

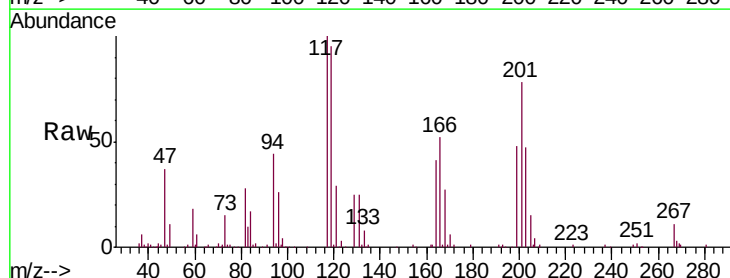
Acq: 22 Aug 2019 10:40

Tgt Ion: 117 Resp: 37227

Ion Ratio Lower Upper

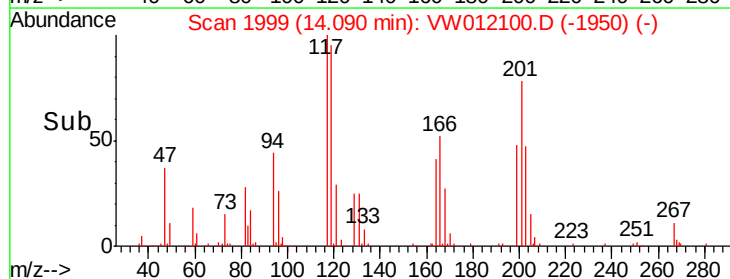
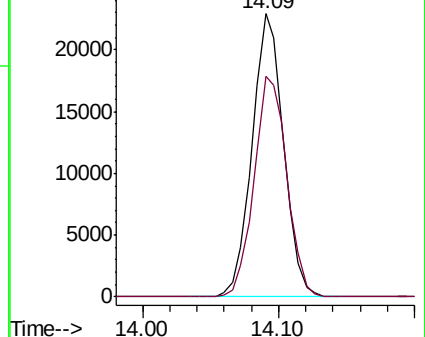
117 100

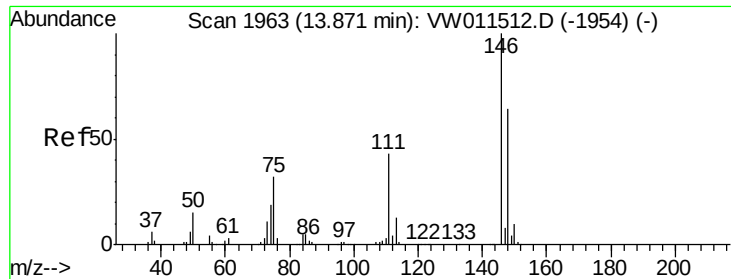
201 80.9 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

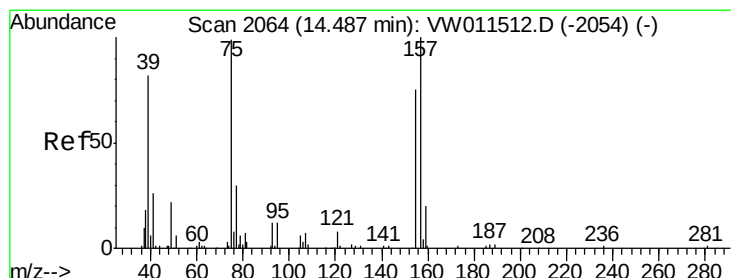
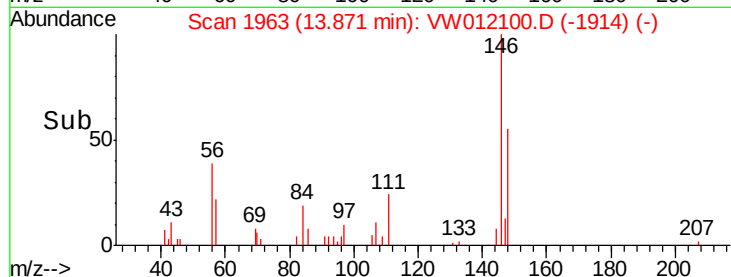
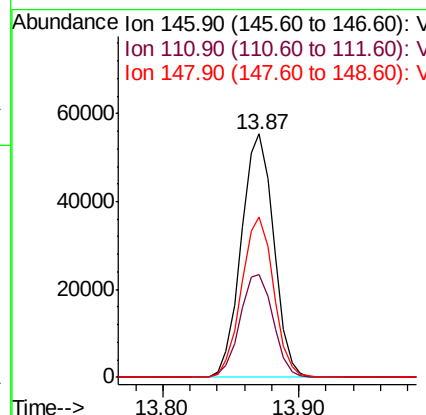
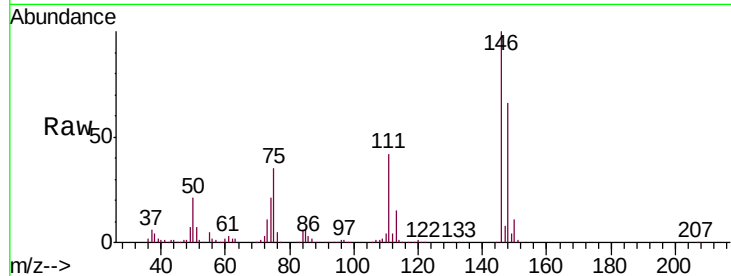




#91
 1,2-Dichlorobenzene
 Concen: 21.330 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

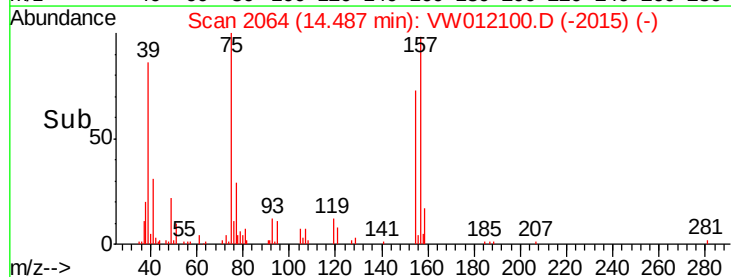
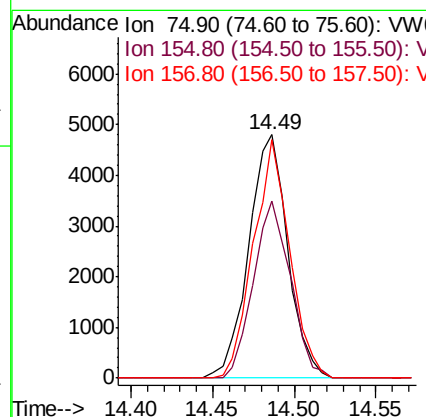
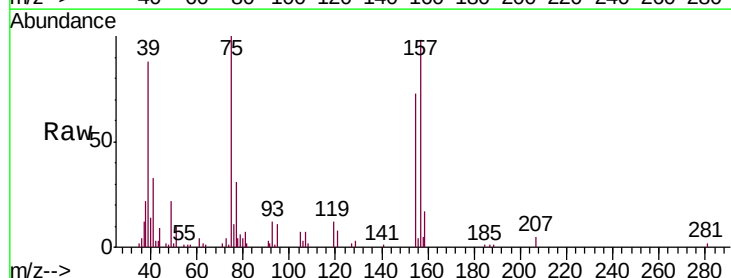
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

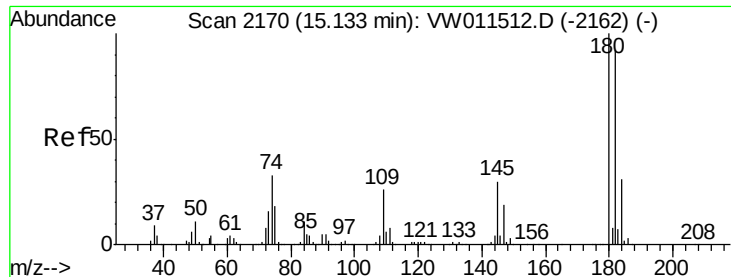
Tgt Ion:146 Resp: 92305
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 65.0
 148 65.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.011 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012100.D
 Acq: 22 Aug 2019 10:40

Tgt Ion: 75 Resp: 7971
 Ion Ratio Lower Upper
 75 100
 155 69.1 38.2 114.6
 157 90.8 48.9 146.7

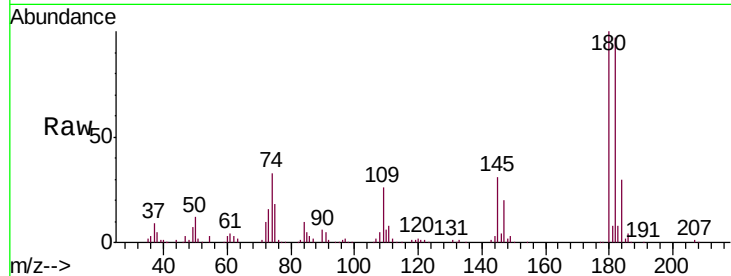




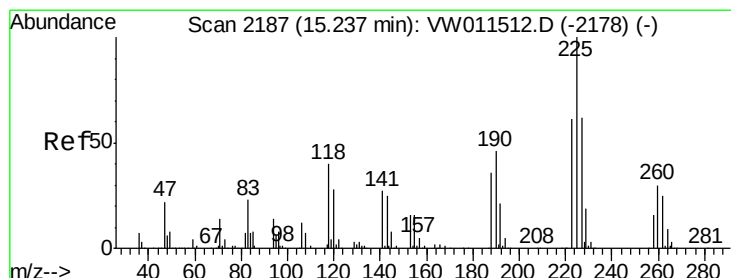
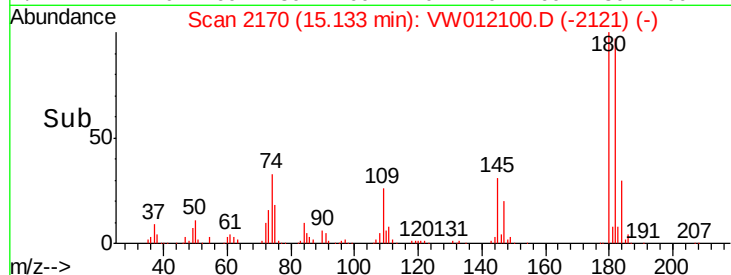
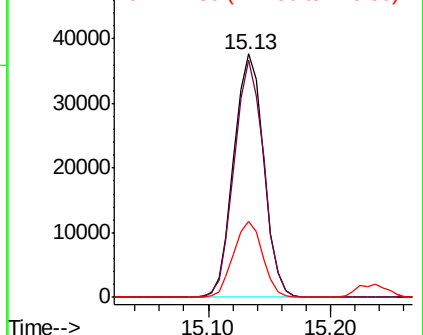
#93
1,2,4-Trichlorobenzene
Concen: 20.871 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tgt Ion:180 Resp: 63654
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.2
145 30.6 15.4 46.1

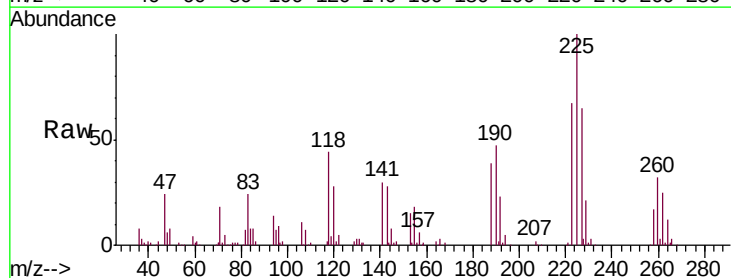


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

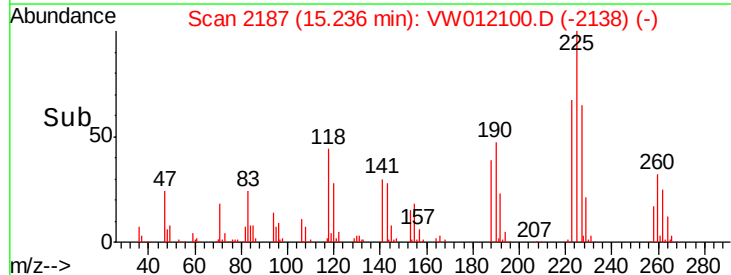
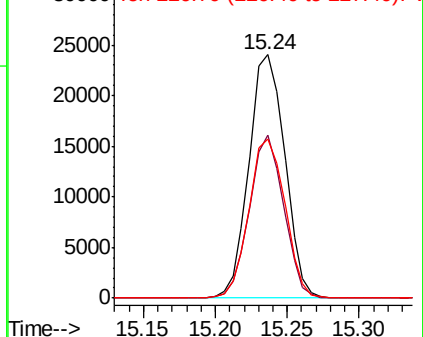


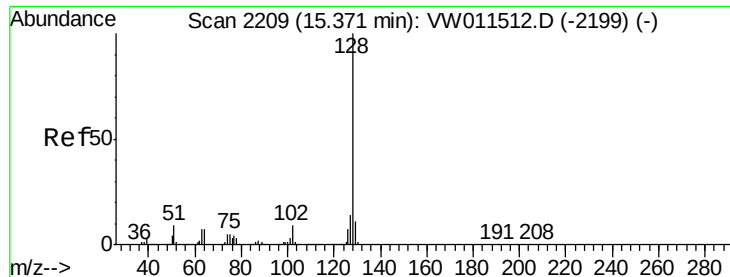
#94
Hexachlorobutadiene
Concen: 21.850 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW012100.D
Acq: 22 Aug 2019 10:40

Tgt Ion:225 Resp: 41559
Ion Ratio Lower Upper
225 100
223 63.6 30.8 92.3
227 65.6 31.6 94.7



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: 20.455 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

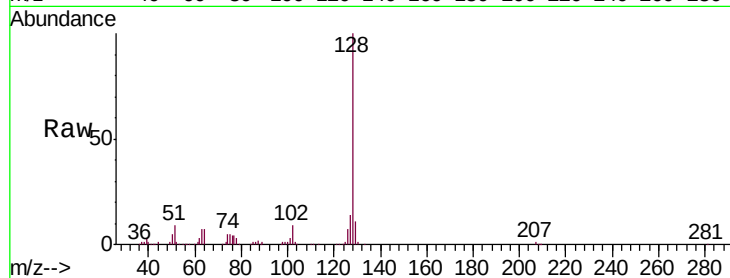
Tgt Ion:128 Resp: 114599

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

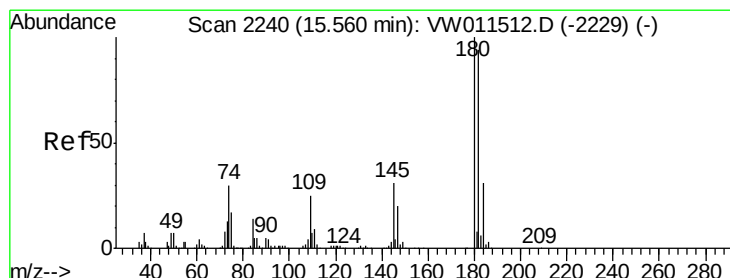
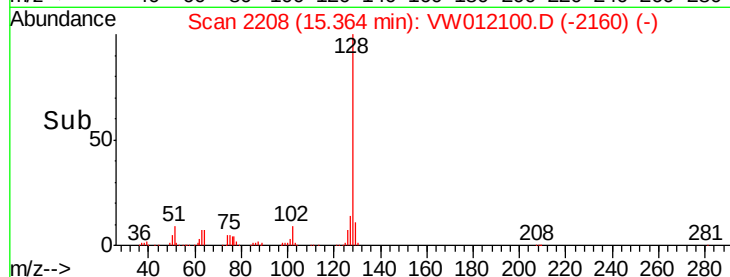
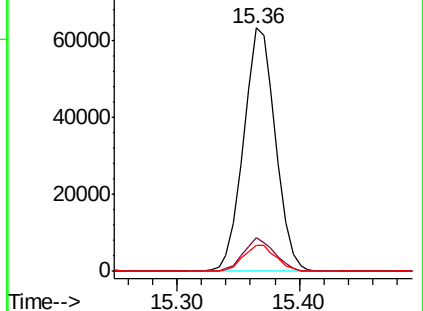
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.322 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW012100.D

Acq: 22 Aug 2019 10:40

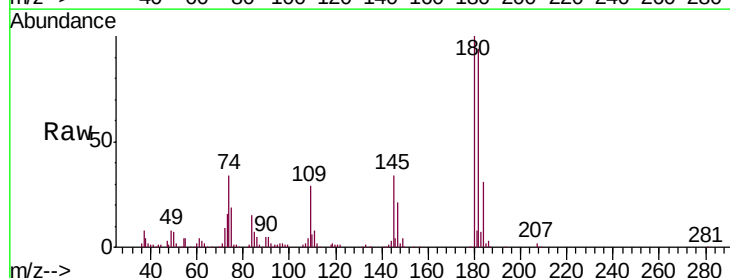
Tgt Ion:180 Resp: 57003

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

145 31.9 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

