

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010810.D
 Acq On : 14 Jun 2019 13:22
 Operator : SY/VA
 Sample : VW0614SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Quant Time: Jun 15 06:00:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151741	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	147209	59.10	ug/l	0.00
Spiked Amount			Recovery	=	118.20%	
35) Dibromofluoromethane	7.88	113	112593	59.36	ug/l	0.00
Spiked Amount			Recovery	=	118.72%	
50) Toluene-d8	10.32	98	466529	56.09	ug/l	0.00
Spiked Amount			Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.62	95	177144	58.53	ug/l	0.00
Spiked Amount			Recovery	=	117.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	43889	22.472	ug/l	99
3) Chloromethane	2.21	50	64829	22.562	ug/l	100
4) Vinyl Chloride	2.36	62	56644	21.337	ug/l	99
5) Bromomethane	2.74	94	32122	22.034	ug/l	96
6) Chloroethane	2.90	64	34680	21.763	ug/l	96
7) Trichlorofluoromethane	3.25	101	81145	23.546	ug/l	99
8) Diethyl Ether	3.68	74	29904	24.282	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50261	23.722	ug/l	99
10) Methyl Iodide	4.27	142	40335	21.505	ug/l	97
11) Tert butyl alcohol	5.17	59	32926	162.246	ug/l	96
12) 1,1-Dichloroethene	4.03	96	47756	23.366	ug/l	99
13) Acrolein	3.89	56	7563	91.200	ug/l	96
14) Allyl chloride	4.67	41	108712	24.123	ug/l	99
15) Acrylonitrile	5.37	53	75923	126.897	ug/l	99
16) Acetone	4.12	43	79322	118.840	ug/l	98
17) Carbon Disulfide	4.37	76	139587	21.515	ug/l	98
18) Methyl Acetate	4.67	43	39087	27.204	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	145829	24.739	ug/l	97
20) Methylene Chloride	4.92	84	58287	24.892	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	54441	23.464	ug/l	95
22) Diisopropyl ether	6.31	45	228410	25.317	ug/l	98
23) Vinyl Acetate	6.26	43	679415	124.782	ug/l	100
24) 1,1-Dichloroethane	6.21	63	111380	24.634	ug/l	99
25) 2-Butanone	7.17	43	120803	130.522	ug/l	98
26) 2,2-Dichloropropane	7.17	77	93698	25.467	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	60956	23.873	ug/l	96
28) Bromochloromethane	7.51	49	50667	25.110	ug/l	95
29) Tetrahydrofuran	7.53	42	74764	128.426	ug/l	98
30) Chloroform	7.68	83	101205	24.472	ug/l	98
31) Cyclohexane	7.95	56	115146	22.910	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	88132	24.396	ug/l	100
36) 1,1-Dichloropropene	8.08	75	84176	23.531	ug/l	100
37) Ethyl Acetate	7.26	43	49928	25.187	ug/l	99
38) Carbon Tetrachloride	8.07	117	73569	23.824	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010810.D
 Acq On : 14 Jun 2019 13:22
 Operator : SY/VA
 Sample : VW0614SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Quant Time: Jun 15 06:00:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105978	23.305	ug/l	99
40) Benzene	8.32	78	231957	23.769	ug/l	100
41) Methacrylonitrile	7.48	41	28888	24.517	ug/l	97
42) 1,2-Dichloroethane	8.40	62	77185	24.920	ug/l	99
43) Isopropyl Acetate	8.43	43	95934	25.050	ug/l	99
44) Trichloroethene	9.09	130	55553	23.077	ug/l	100
45) 1,2-Dichloropropane	9.37	63	63751	24.678	ug/l	98
46) Dibromomethane	9.46	93	29612	24.679	ug/l	98
47) Bromodichloromethane	9.64	83	74945	24.096	ug/l	95
48) Methyl methacrylate	9.44	41	46167	25.003	ug/l	99
49) 1,4-Dioxane	9.45	88	8914	475.168	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	254688	130.177	ug/l	99
52) Toluene	10.39	92	143264	23.860	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	78719	23.895	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	92989	23.987	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42440	24.552	ug/l	97
56) Ethyl methacrylate	10.65	69	66387	24.959	ug/l	94
57) 1,3-Dichloropropane	10.93	76	79485	24.400	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	171865	123.365	ug/l	99
59) 2-Hexanone	10.97	43	181418	128.302	ug/l	98
60) Dibromochloromethane	11.13	129	47539	24.809	ug/l	97
61) 1,2-Dibromoethane	11.24	107	39963	24.401	ug/l	99
64) Tetrachloroethene	10.86	164	47380	22.606	ug/l	96
65) Chlorobenzene	11.66	112	146587	23.614	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49913	23.228	ug/l	97
67) Ethyl Benzene	11.73	91	281179	23.569	ug/l	100
68) m/p-Xylenes	11.84	106	198382	46.452	ug/l	98
69) o-Xylene	12.16	106	95344	23.539	ug/l	96
70) Styrene	12.18	104	167968	23.872	ug/l	100
71) Bromoform	12.35	173	26842	24.153	ug/l #	97
73) Isopropylbenzene	12.46	105	270062	23.684	ug/l	99
74) N-amyl acetate	12.27	43	94884	25.747	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	52103	24.002	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	68854	43.210	ug/l #	100
77) Bromobenzene	12.75	156	58503	23.504	ug/l	98
78) n-propylbenzene	12.80	91	323226	23.508	ug/l	99
79) 2-Chlorotoluene	12.90	91	185723	23.643	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	221189	23.699	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16059	23.162	ug/l	95
82) 4-Chlorotoluene	12.99	91	186824	23.047	ug/l	99
83) tert-Butylbenzene	13.21	119	185671	23.440	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	220855	23.515	ug/l	100
85) sec-Butylbenzene	13.38	105	271561	23.547	ug/l	100
86) p-Isopropyltoluene	13.50	119	242153	23.480	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113395	23.624	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112360	23.612	ug/l	98
89) n-Butylbenzene	13.83	91	243947	23.707	ug/l	100
90) Hexachloroethane	14.10	117	42711	23.125	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	102702	23.792	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8974	24.074	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061419\
Data File : VW010810.D
Acq On : 14 Jun 2019 13:22
Operator : SY/VA
Sample : VW0614SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Quant Time: Jun 15 06:00:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

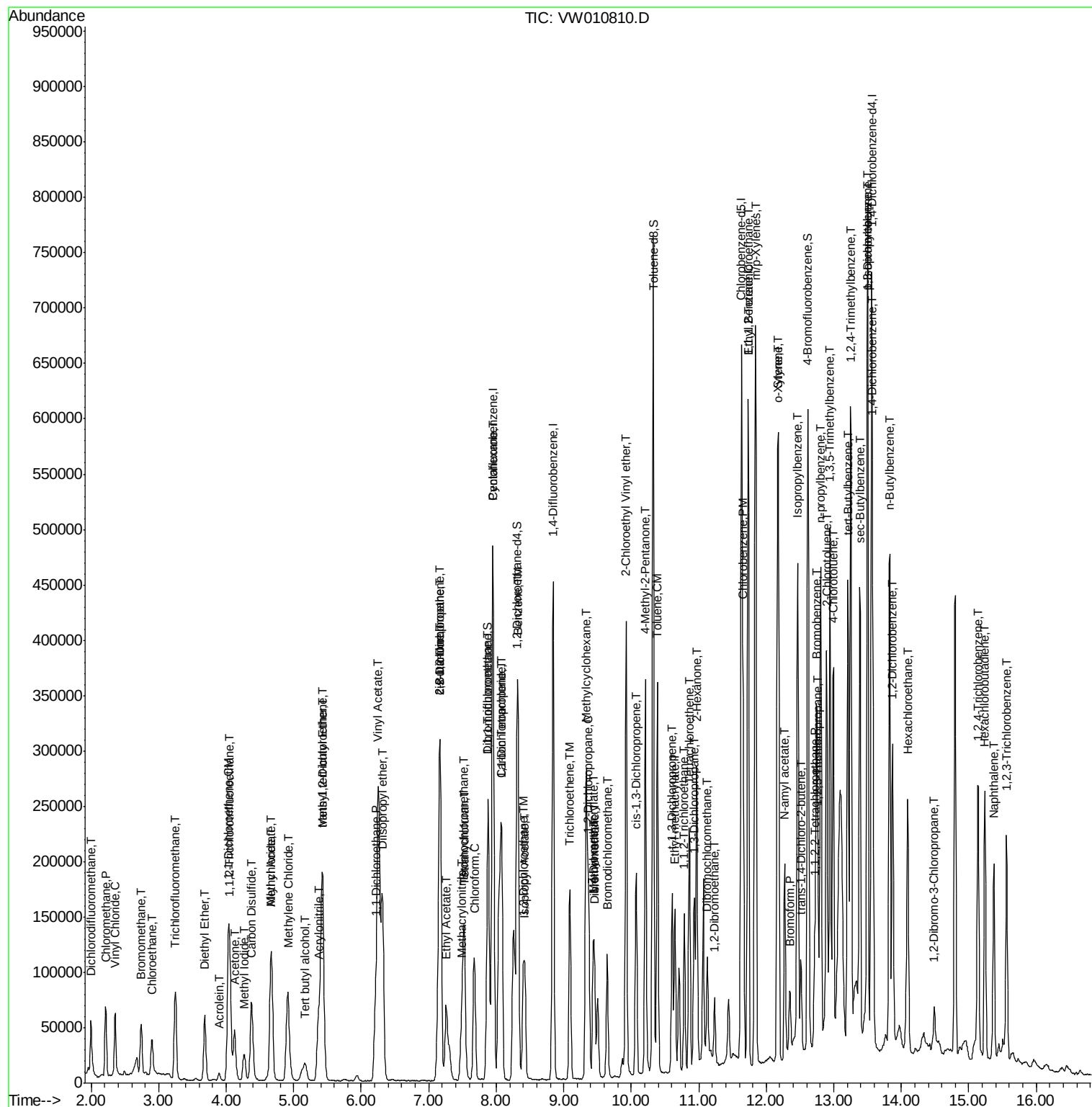
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76114	25.127	ug/l	99
94) Hexachlorobutadiene	15.24	225	45825	24.104	ug/l	99
95) Naphthalene	15.37	128	143851	26.137	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	66261	25.721	ug/l	99

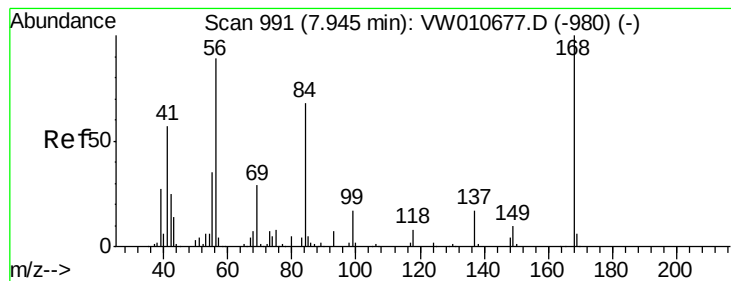
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010810.D
 Acq On : 14 Jun 2019 13:22
 Operator : SY/VA
 Sample : VW0614SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Quant Time: Jun 15 06:00:35 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

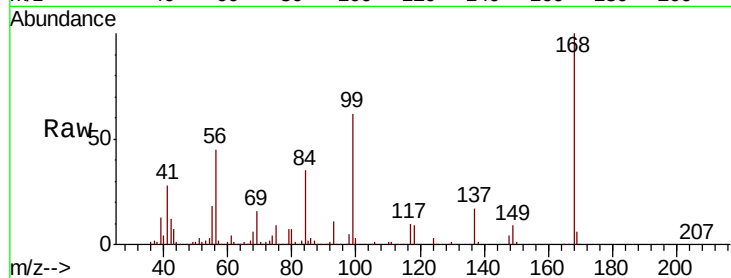
VW0614SBSD01

Tot Ion:168 Resp: 211343

Ion Ratio Lower Upper

168 100

99 62.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

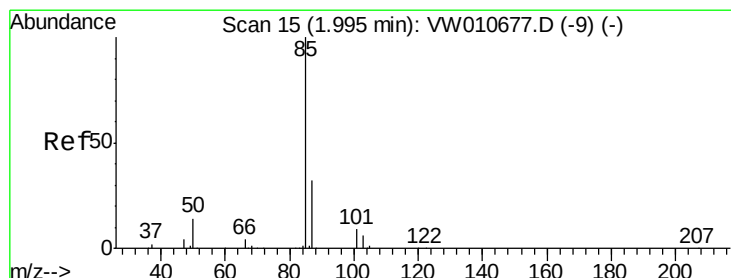
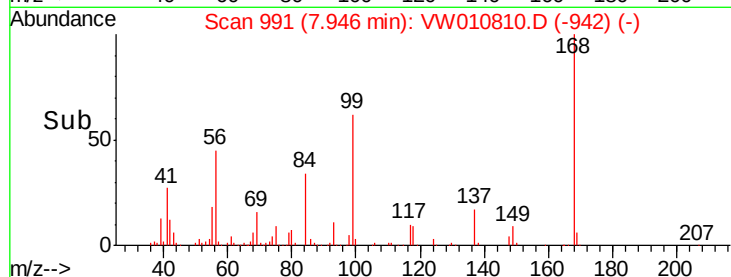
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.472 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010810.D

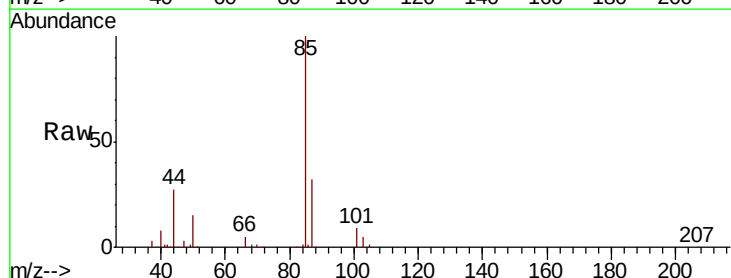
Acq: 14 Jun 2019 13:22

Tgt Ion: 85 Resp: 43889

Ion Ratio Lower Upper

85 100

87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

25000

20000

15000

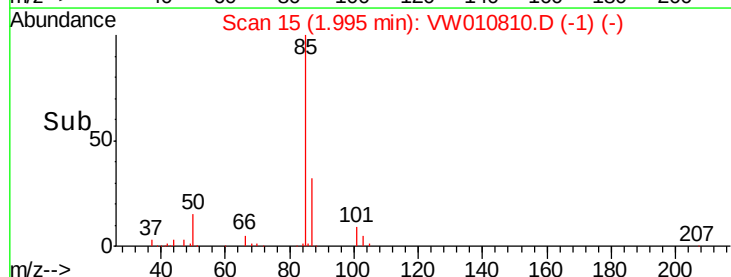
10000

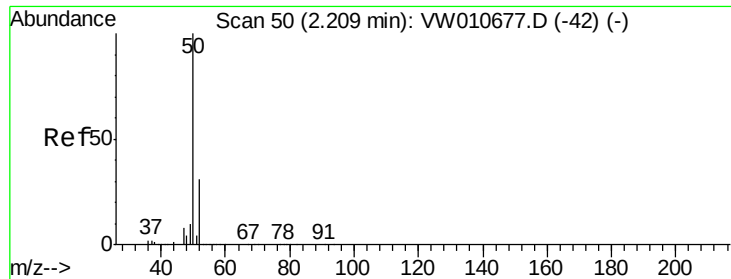
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 22.562 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

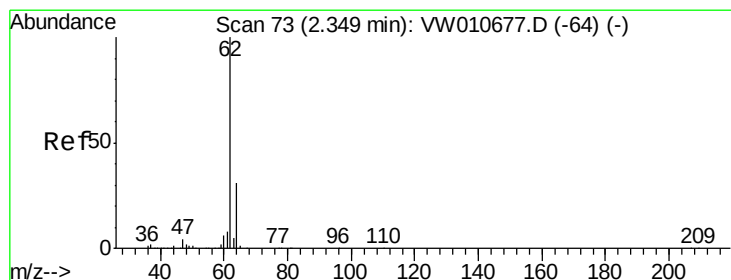
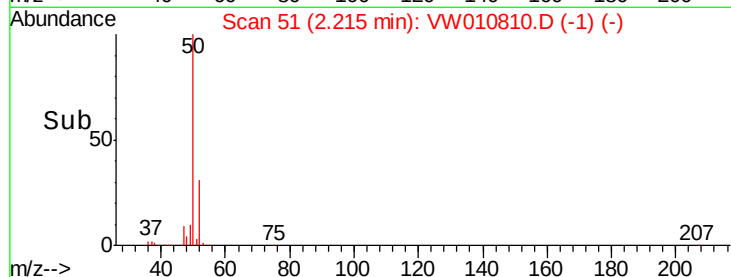
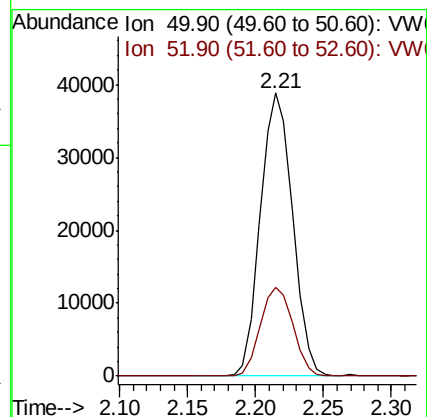
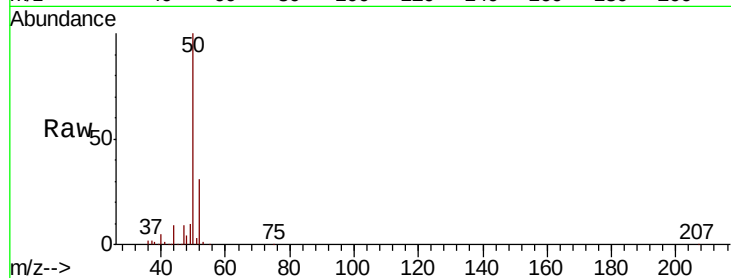
VW0614SBSD01

Tot Ion: 50 Resp: 64829

Ion Ratio Lower Upper

50 100

52 31.2 25.2 37.8



#4

Vinyl Chloride

Concen: 21.337 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010810.D

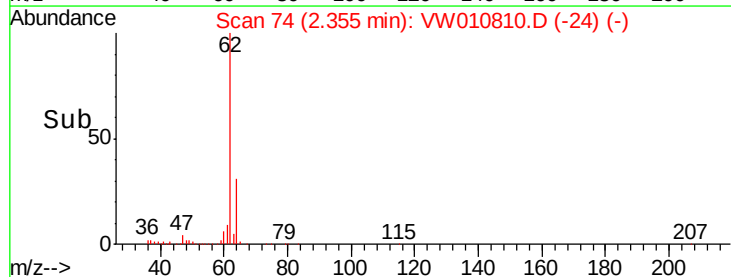
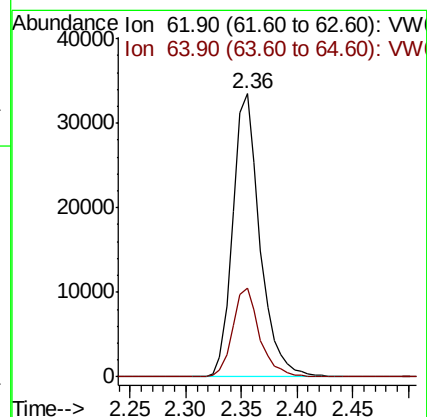
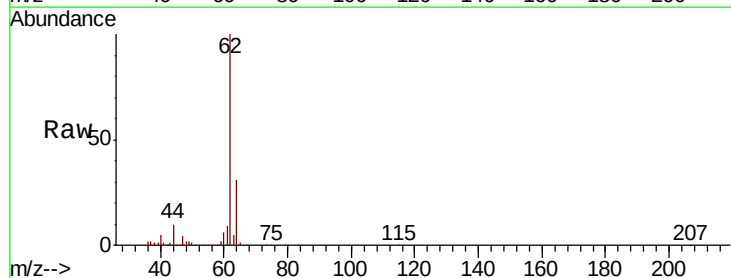
Acq: 14 Jun 2019 13:22

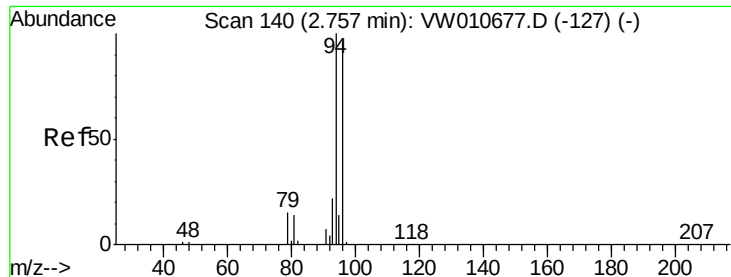
Tgt Ion: 62 Resp: 56644

Ion Ratio Lower Upper

62 100

64 31.4 24.5 36.7





#5

Bromomethane

Concen: 22.034 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

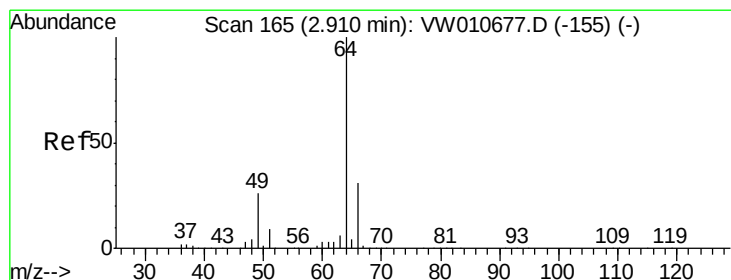
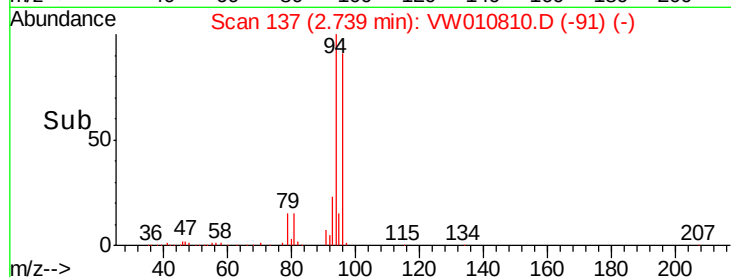
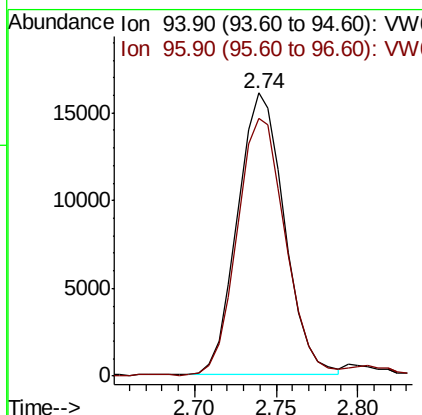
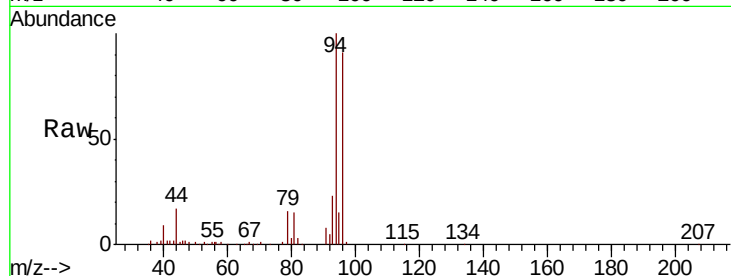
VW0614SBSD01

Tot Ion: 94 Resp: 32122

Ion Ratio Lower Upper

94 100

96 91.2 76.5 114.7



#6

Chloroethane

Concen: 21.763 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010810.D

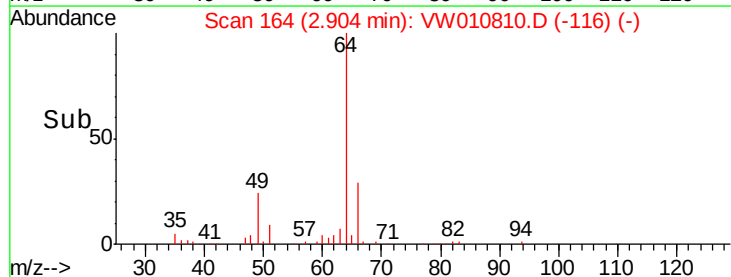
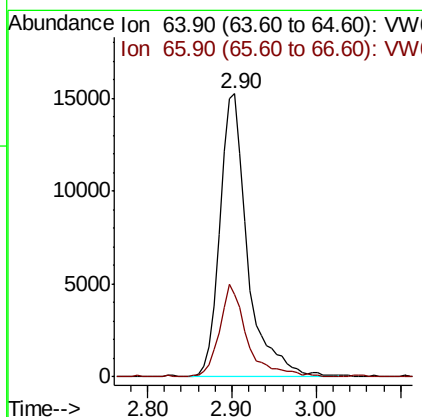
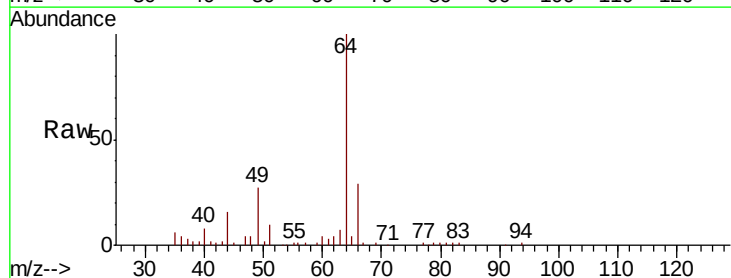
Acq: 14 Jun 2019 13:22

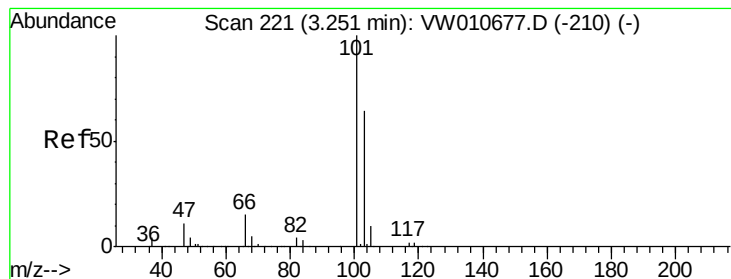
Tgt Ion: 64 Resp: 34680

Ion Ratio Lower Upper

64 100

66 29.2 25.1 37.7



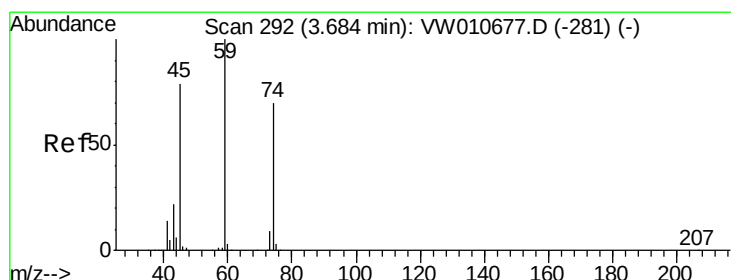
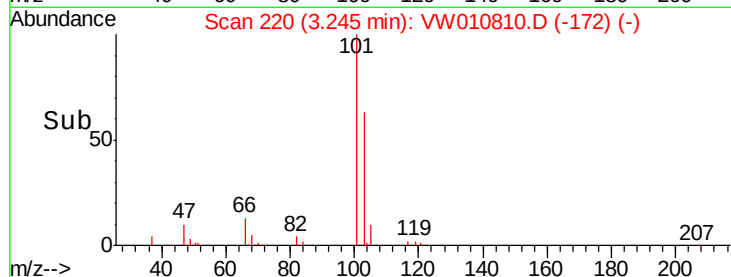
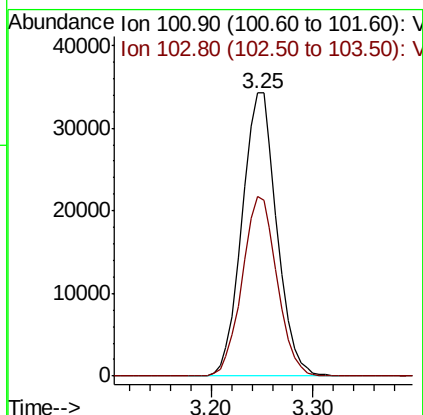
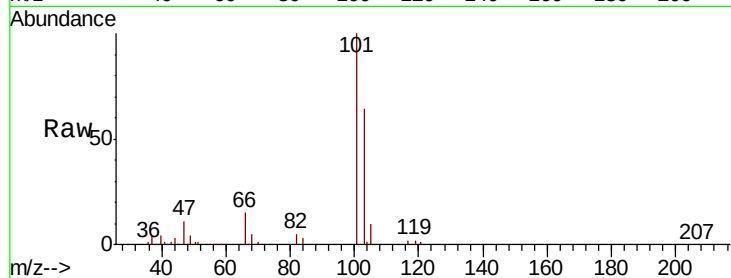


#7

Trichlorofluoromethane
 Concen: 23.546 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

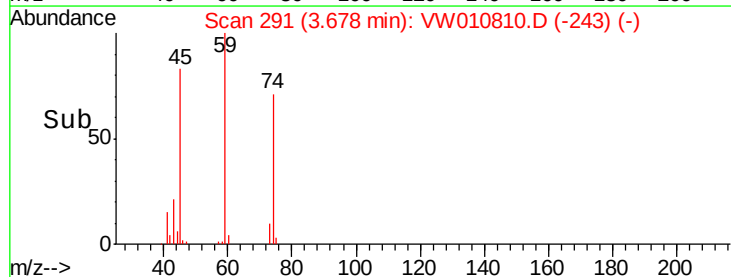
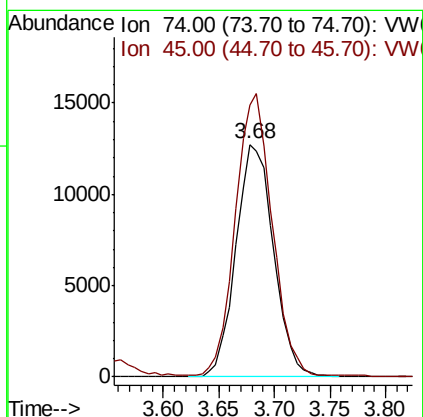
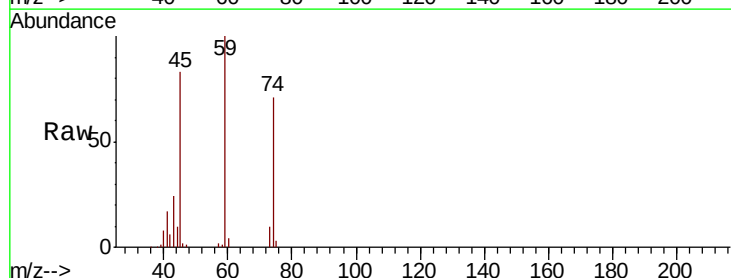
Tot Ion:101 Resp: 81145
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.2 76.8

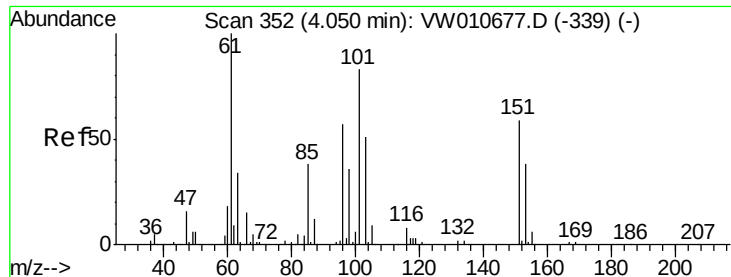


#8

Diethyl Ether
 Concen: 24.282 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion: 74 Resp: 29904
 Ion Ratio Lower Upper
 74 100
 45 118.9 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.722 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

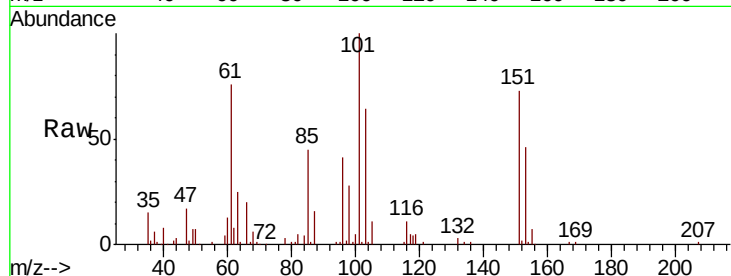
Tot Ion:101 Resp: 50261

Ion Ratio Lower Upper

101 100

85 44.2 35.8 53.8

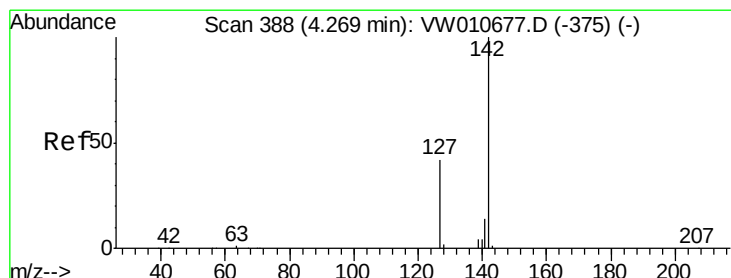
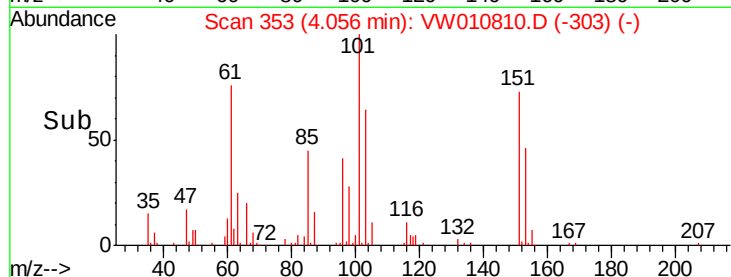
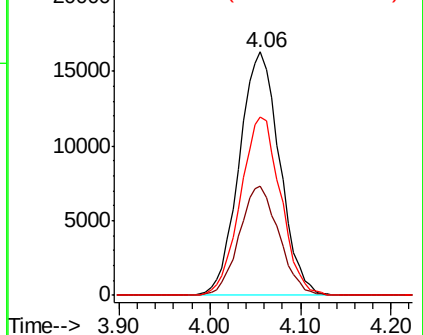
151 72.9 58.1 87.1



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: 21.505 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

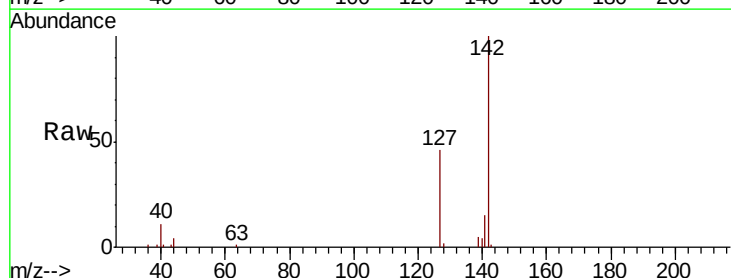
Tgt Ion:142 Resp: 40335

Ion Ratio Lower Upper

142 100

127 45.1 34.6 51.8

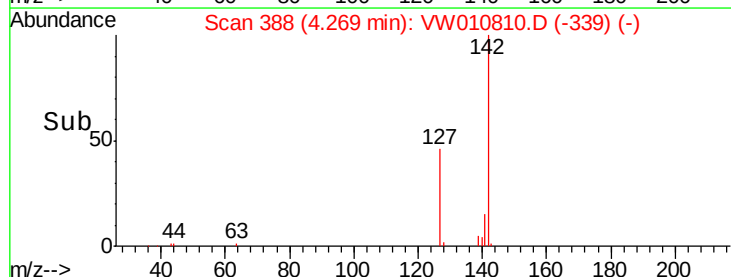
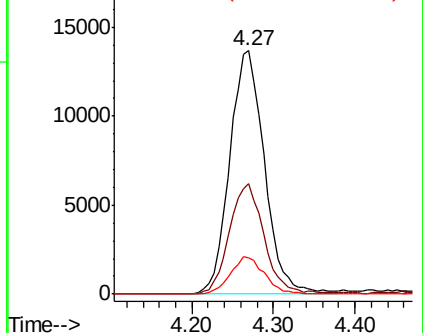
141 15.0 11.6 17.4

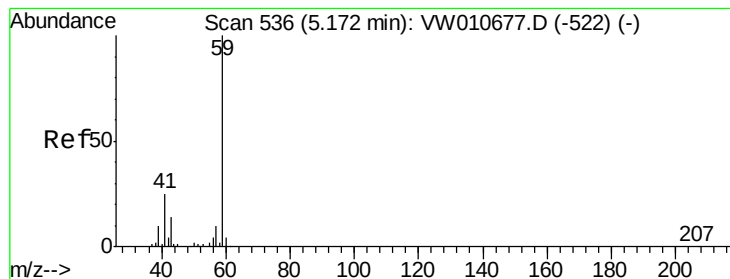


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



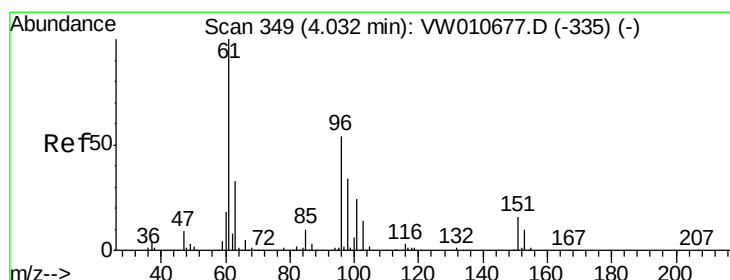
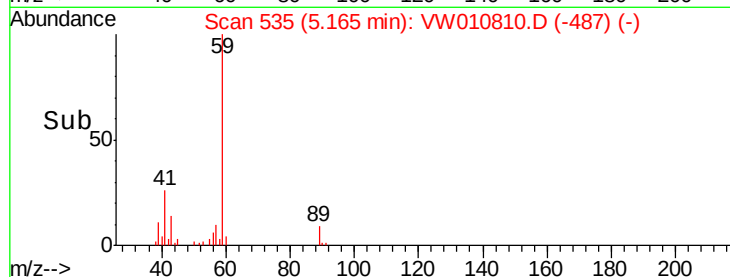
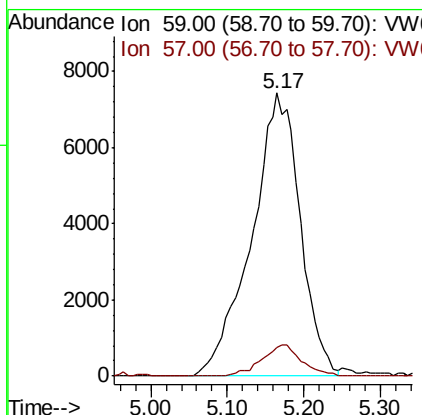
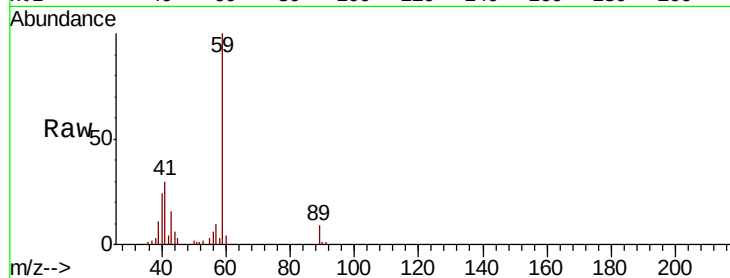


#11

Tert butyl alcohol
 Concen: 162.246 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

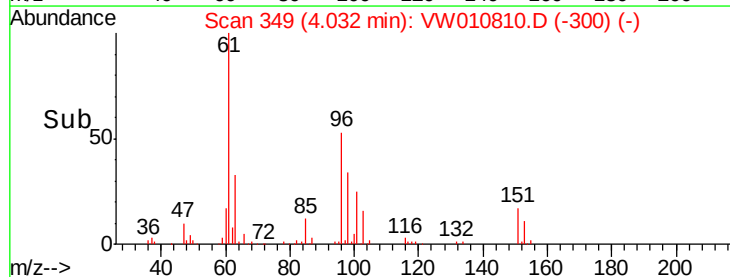
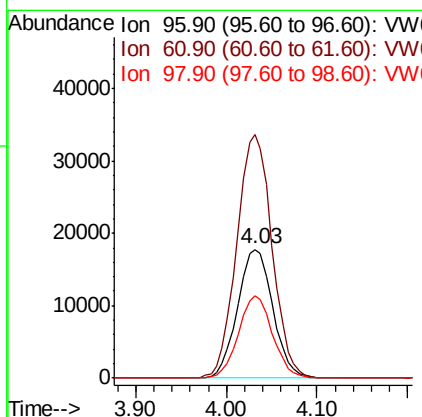
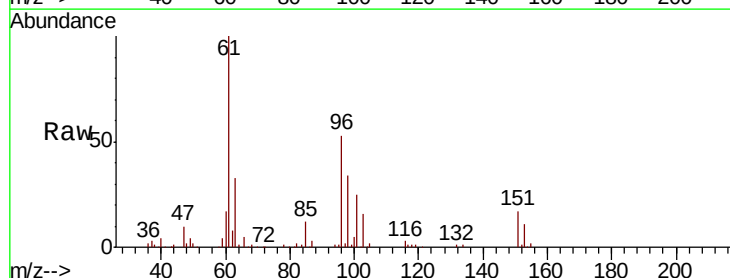
Tot Ion: 59 Resp: 32926
 Ion Ratio Lower Upper
 59 100
 57 9.0 8.6 12.8

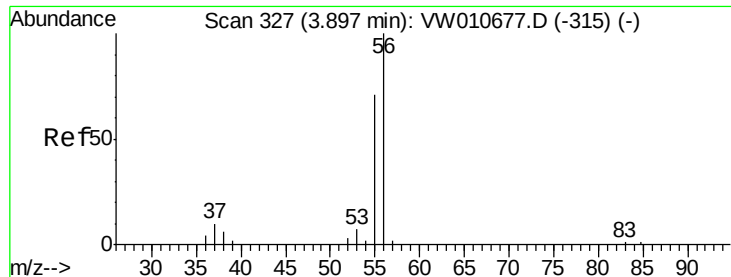


#12

1,1-Dichloroethene
 Concen: 23.366 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion: 96 Resp: 47756
 Ion Ratio Lower Upper
 96 100
 61 188.7 149.1 223.7
 98 63.9 51.1 76.7





#13

Acrolein

Concen: 91.200 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

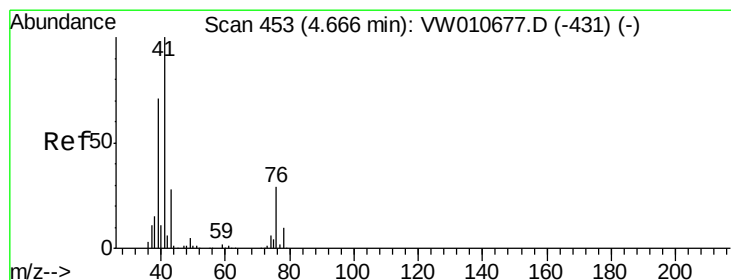
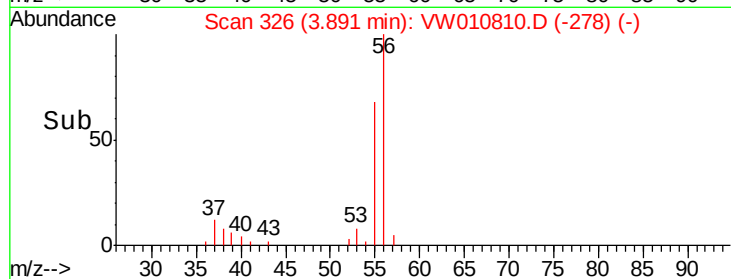
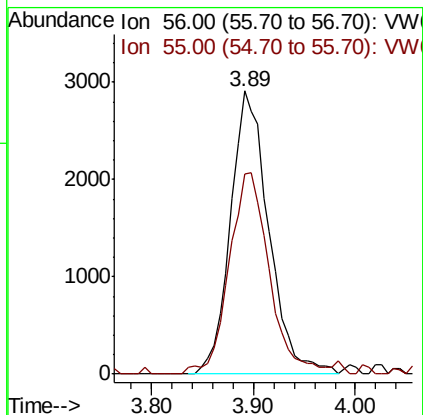
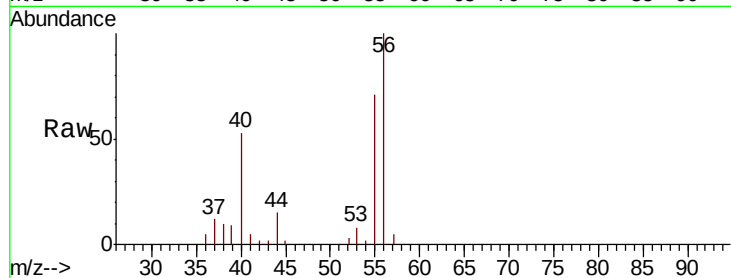
VW0614SBSD01

Tot Ion: 56 Resp: 7563

Ion Ratio Lower Upper

56 100

55 75.0 57.6 86.4



#14

Allyl chloride

Concen: 24.123 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

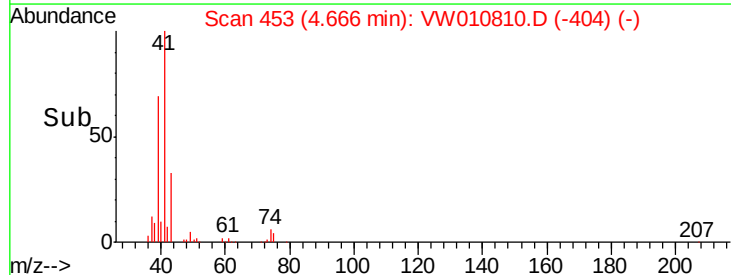
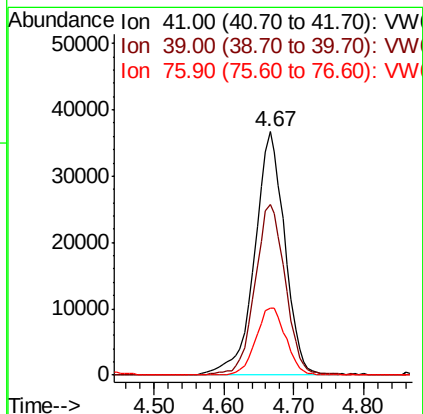
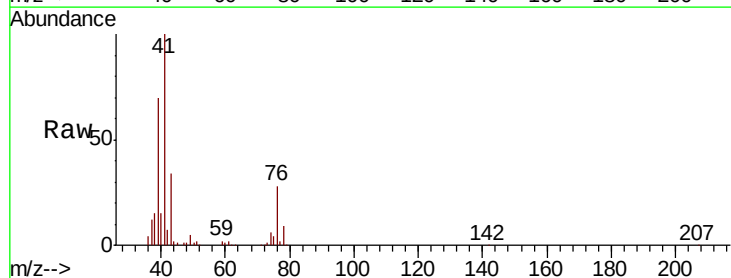
Tgt Ion: 41 Resp: 108712

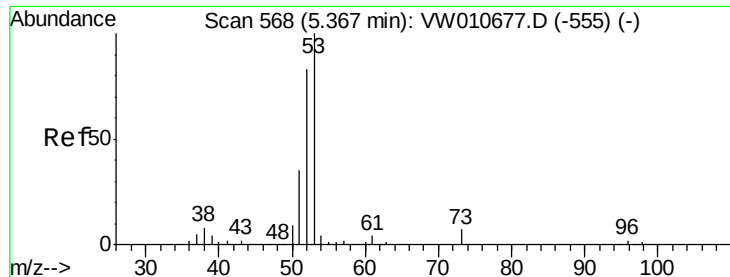
Ion Ratio Lower Upper

41 100

39 70.2 55.8 83.6

76 27.8 22.7 34.1





#15

Acrylonitrile

Concen: 126.897 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

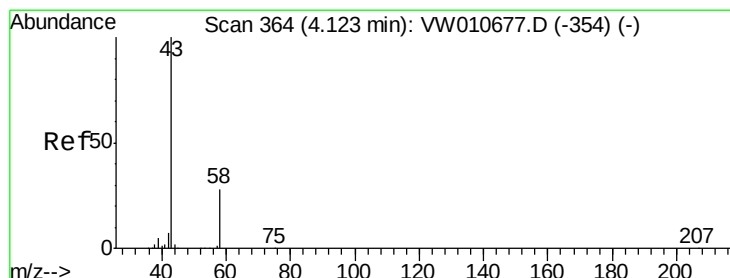
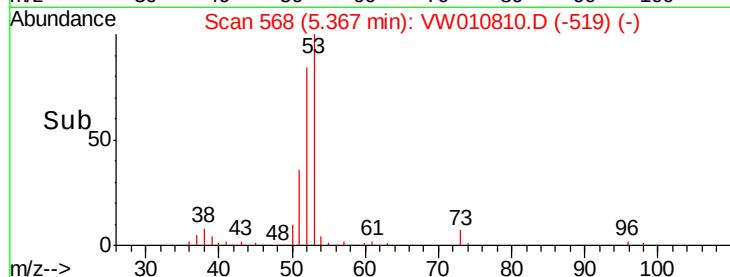
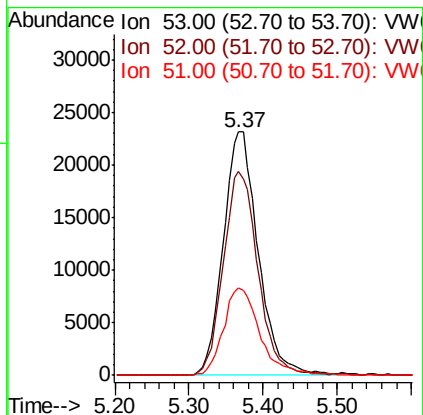
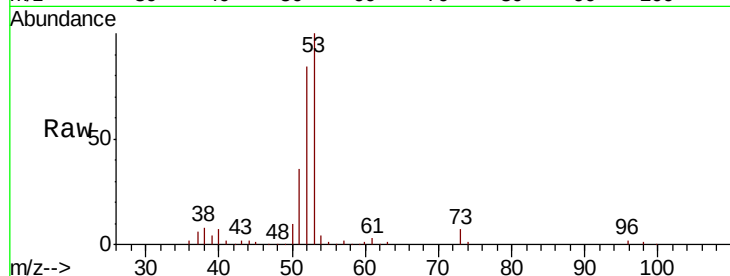
Tot Ion: 53 Resp: 75923

Ion Ratio Lower Upper

53 100

52 82.8 66.6 100.0

51 37.6 29.8 44.8



#16

Acetone

Concen: 118.840 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010810.D

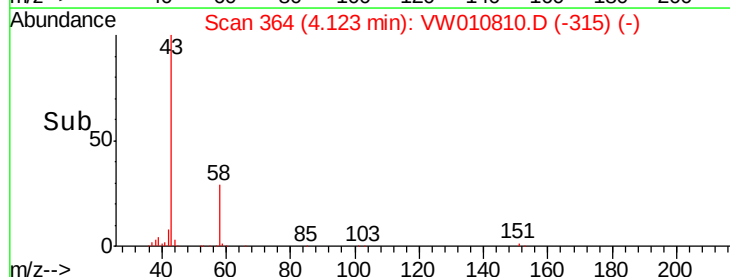
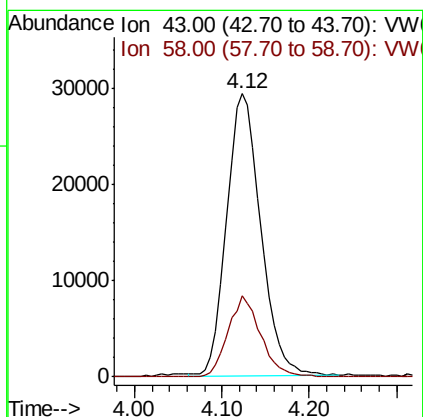
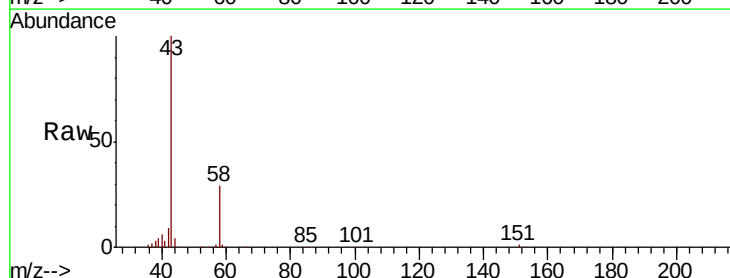
Acq: 14 Jun 2019 13:22

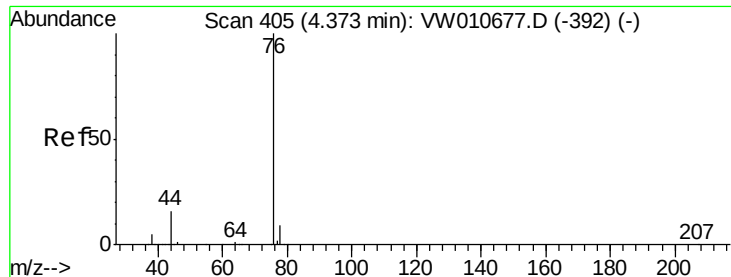
Tgt Ion: 43 Resp: 79322

Ion Ratio Lower Upper

43 100

58 28.7 22.1 33.1





#17

Carbon Disulfide

Concen: 21.515 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

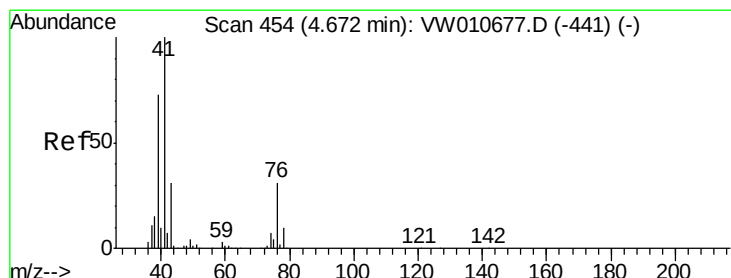
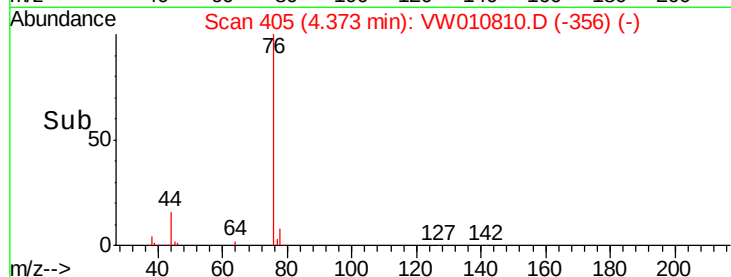
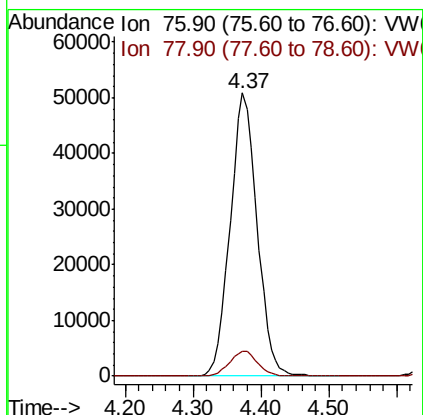
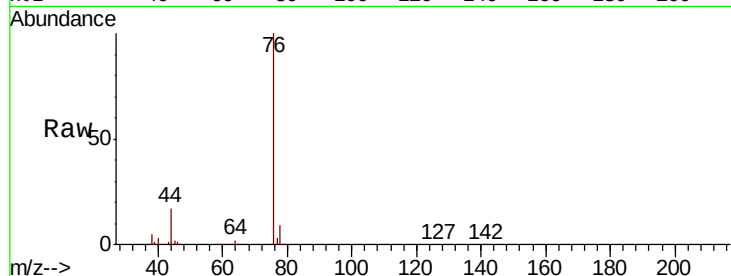
VW0614SBSD01

Tot Ion: 76 Resp: 139587

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



#18

Methyl Acetate

Concen: 27.204 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW010810.D

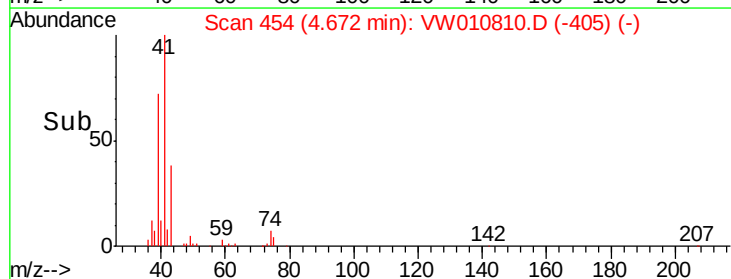
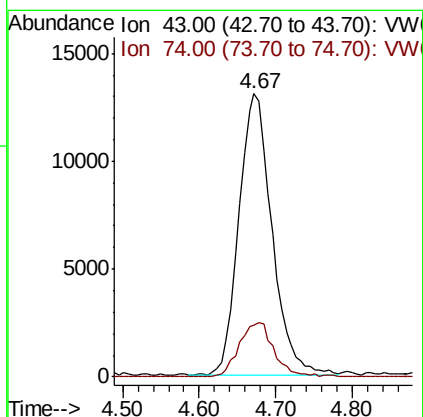
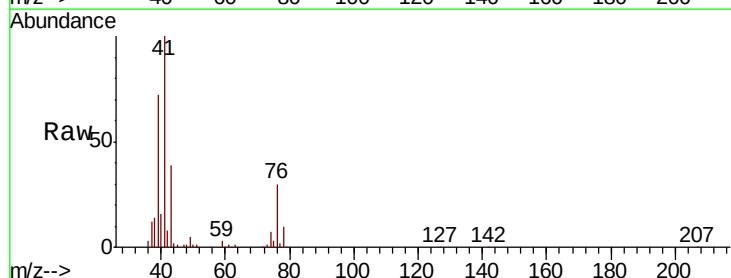
Acq: 14 Jun 2019 13:22

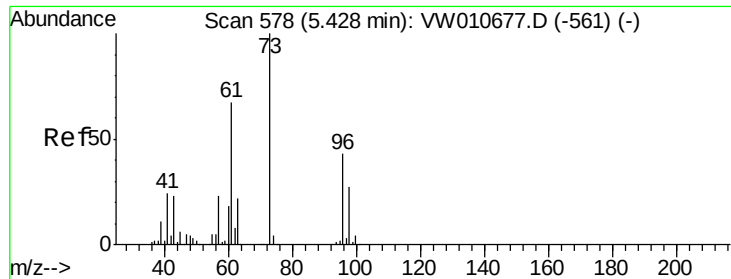
Tgt Ion: 43 Resp: 39087

Ion Ratio Lower Upper

43 100

74 20.2 16.7 25.1

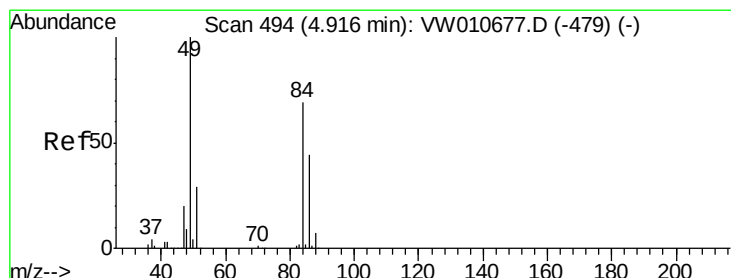
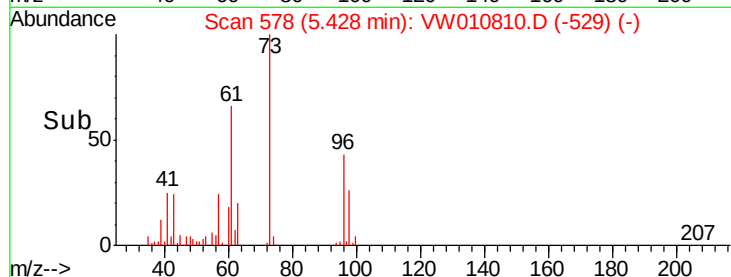
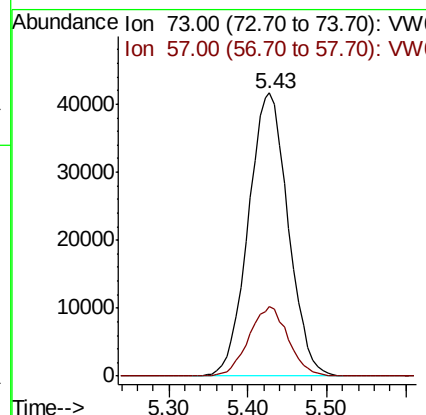
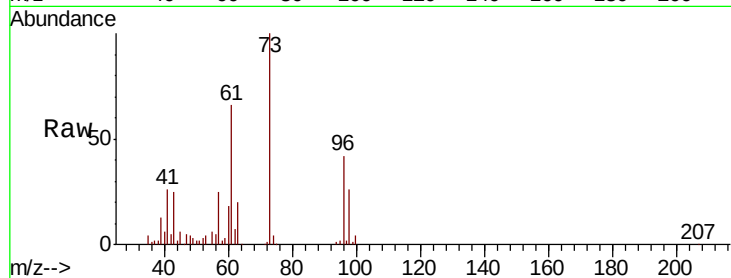




#19
Methyl tert-butyl Ether
Concen: 24.739 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

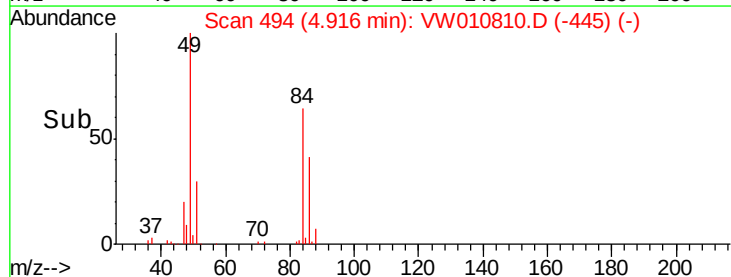
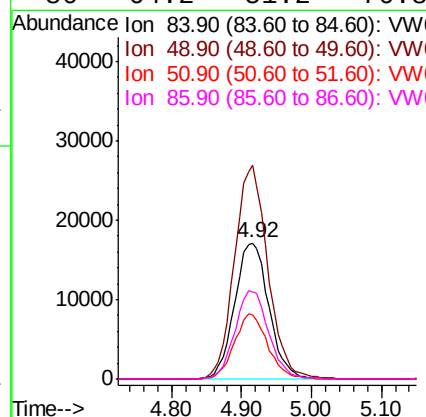
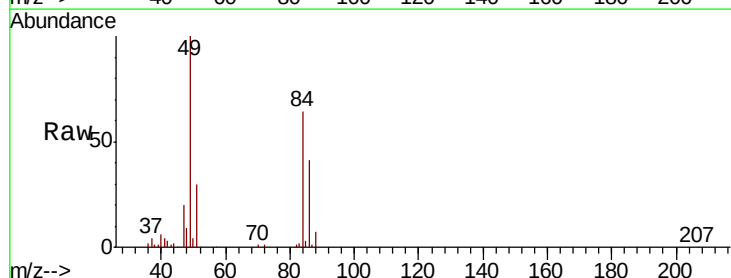
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

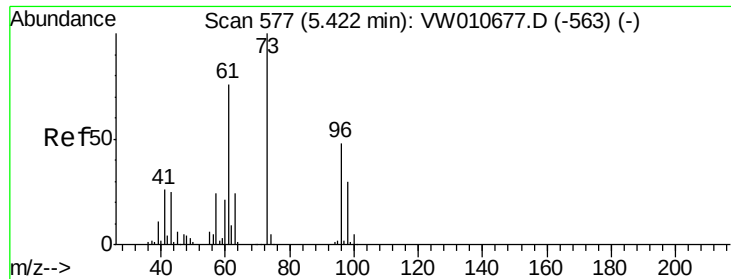
Tot Ion: 73 Resp: 145829
Ion Ratio Lower Upper
73 100
57 24.5 18.6 27.8



#20
Methylene Chloride
Concen: 24.892 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion: 84 Resp: 58287
Ion Ratio Lower Upper
84 100
49 156.8 116.7 175.1
51 47.0 34.2 51.2
86 64.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 23.464 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

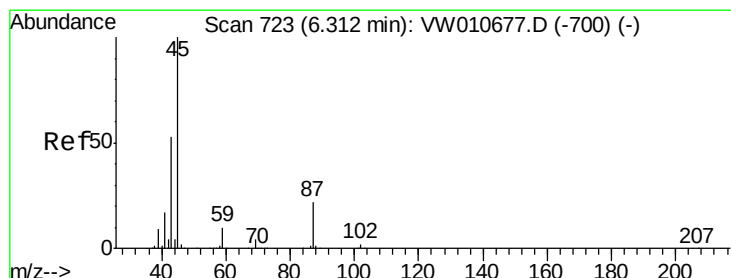
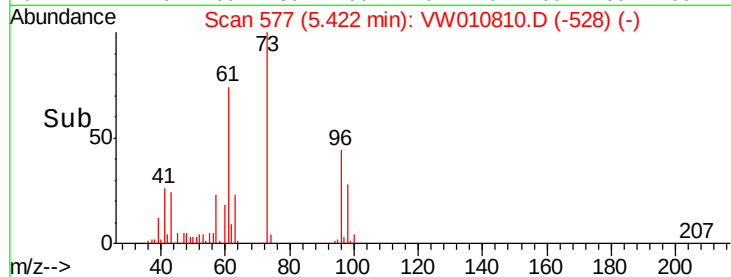
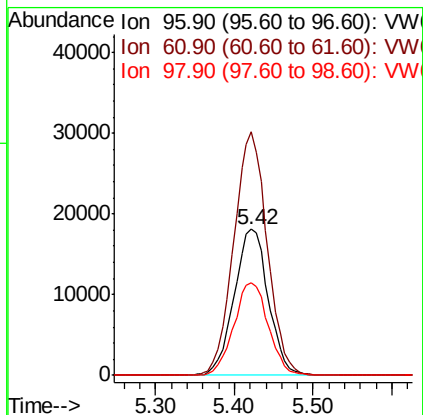
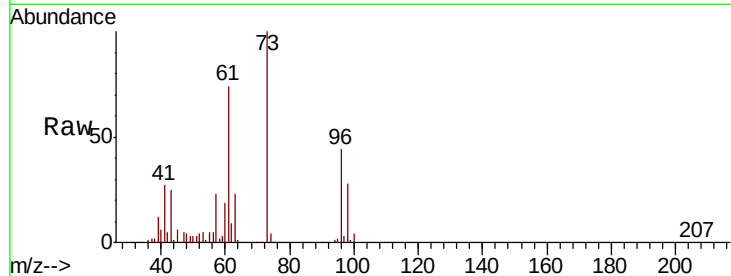
Tot Ion: 96 Resp: 54441

Ion Ratio Lower Upper

96 100

61 166.5 126.0 189.0

98 63.2 49.6 74.4



#22

Diisopropyl ether

Concen: 25.317 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Tgt Ion: 45 Resp: 228410

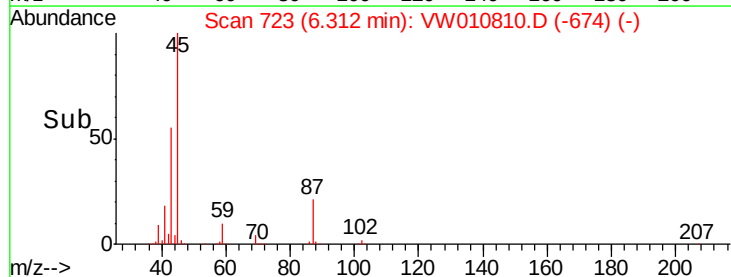
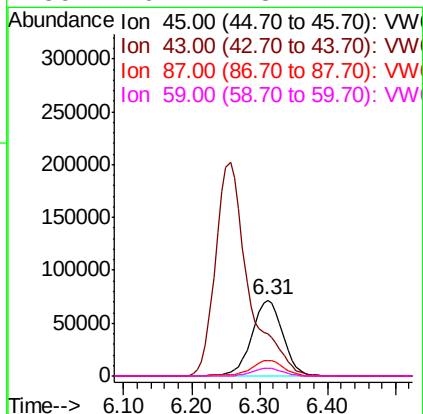
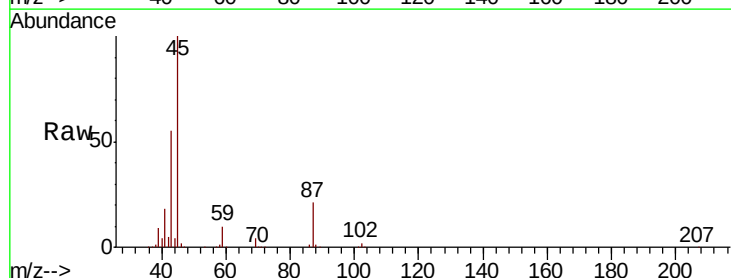
Ion Ratio Lower Upper

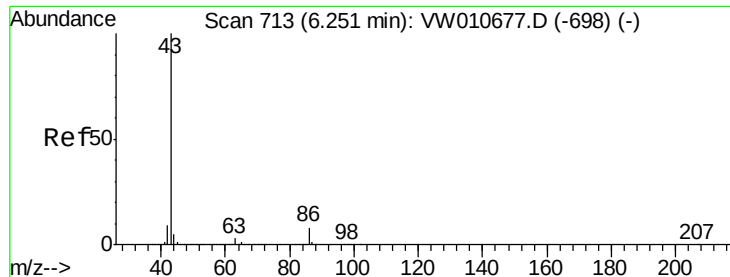
45 100

43 54.7 42.5 63.7

87 20.7 17.4 26.2

59 10.1 8.1 12.1





#23

Vinyl Acetate

Concen: 124.782 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

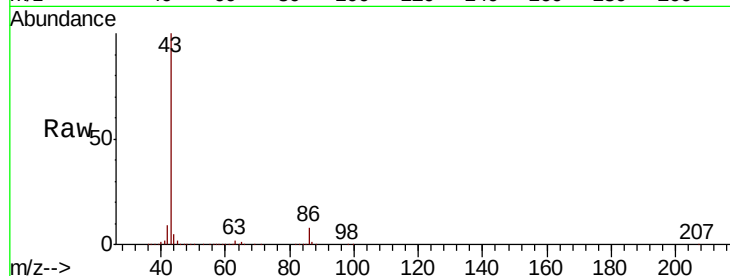
VW0614SBSD01

Tot Ion: 43 Resp: 679415

Ion Ratio Lower Upper

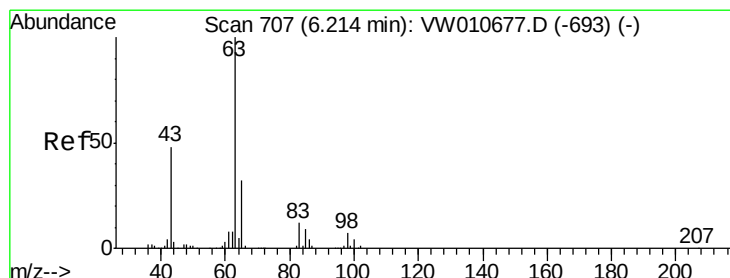
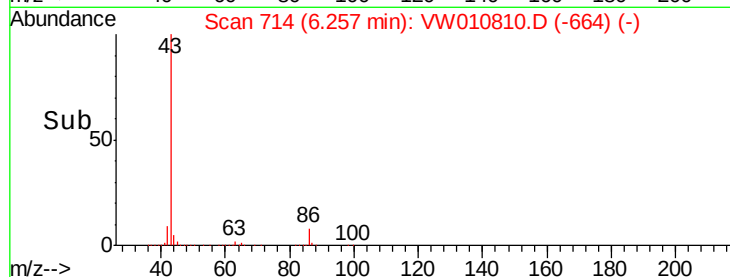
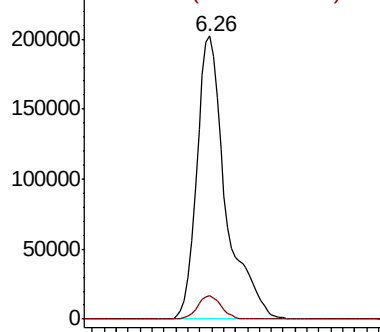
43 100

86 8.2 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 24.634 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

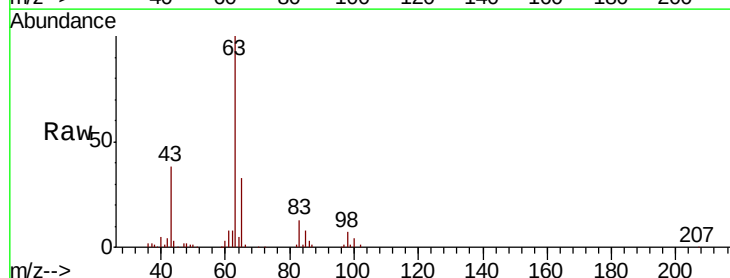
Tgt Ion: 63 Resp: 111380

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

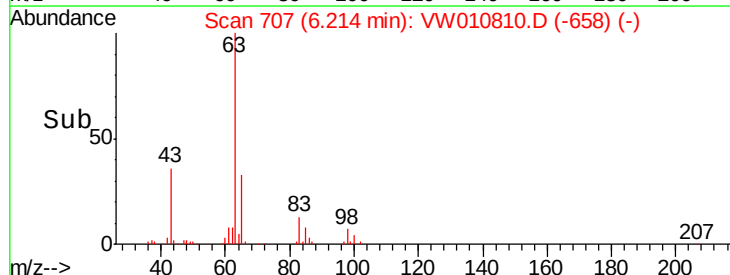
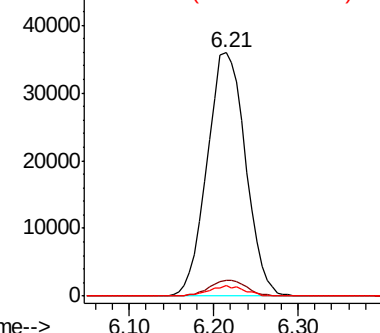
100 4.4 2.1 6.3

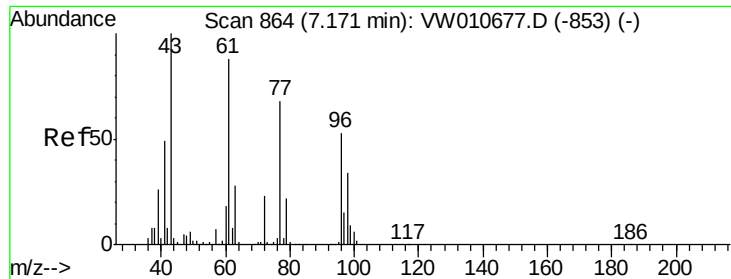


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 130.522 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampled :

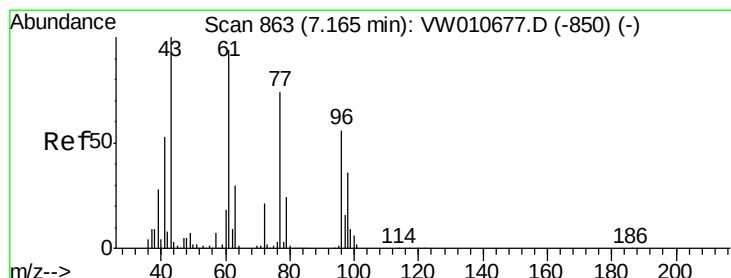
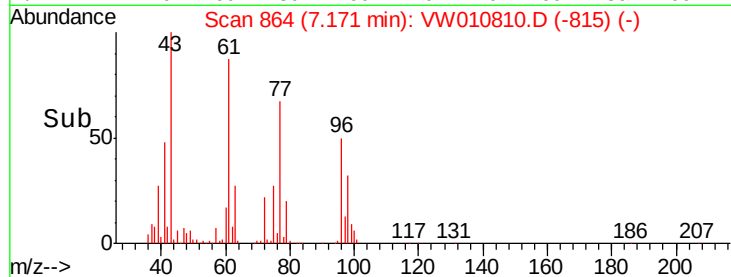
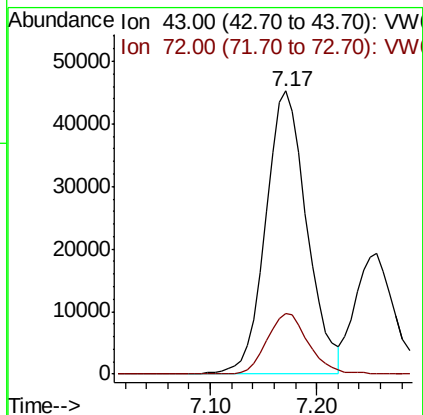
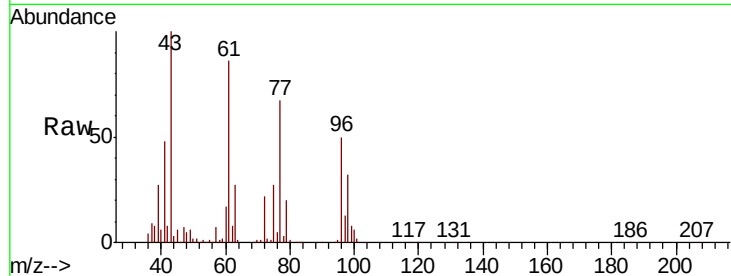
VW0614SBSD01

Tot Ion: 43 Resp: 120803

Ion Ratio Lower Upper

43 100

72 21.7 18.1 27.1



#26

2,2-Dichloropropane

Concen: 25.467 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010810.D

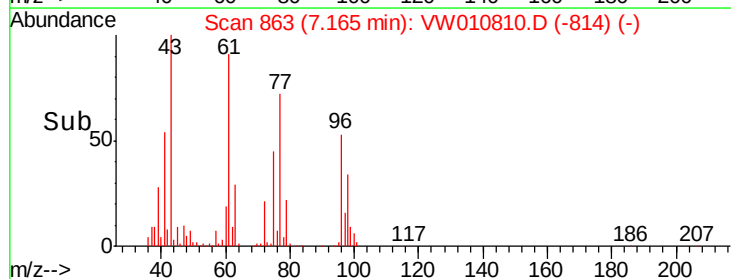
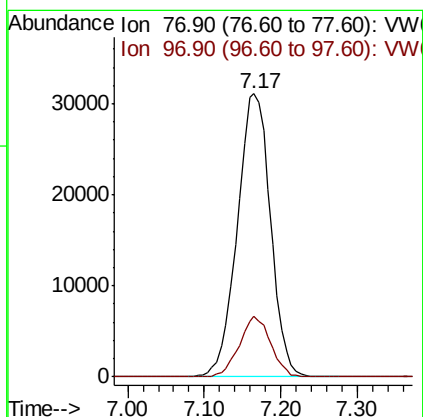
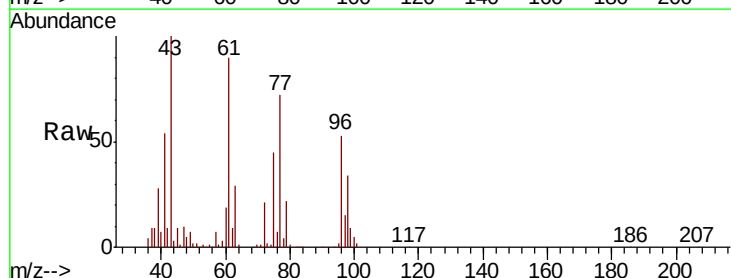
Acq: 14 Jun 2019 13:22

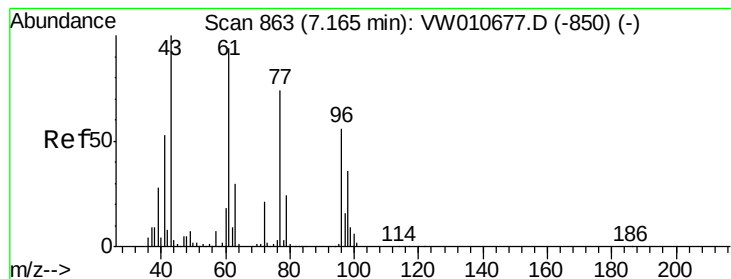
Tgt Ion: 77 Resp: 93698

Ion Ratio Lower Upper

77 100

97 20.1 10.5 31.6



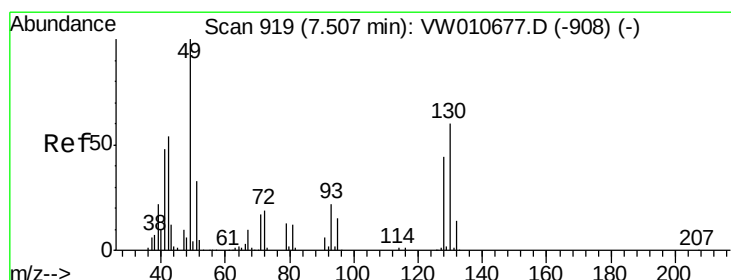
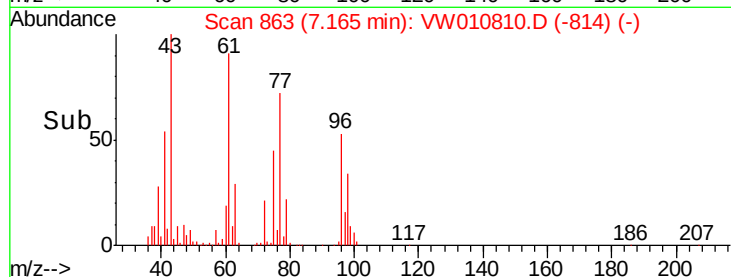
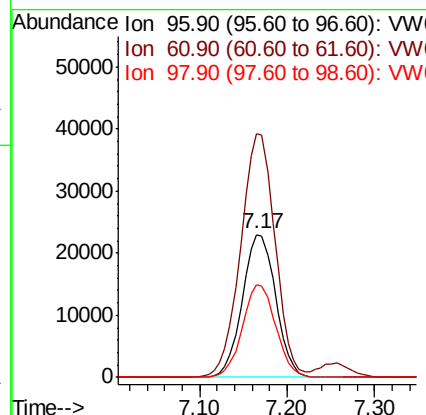
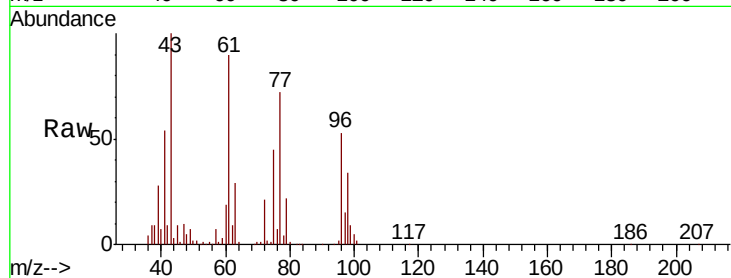


#27

cis-1,2-Dichloroethene
 Concen: 23.873 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

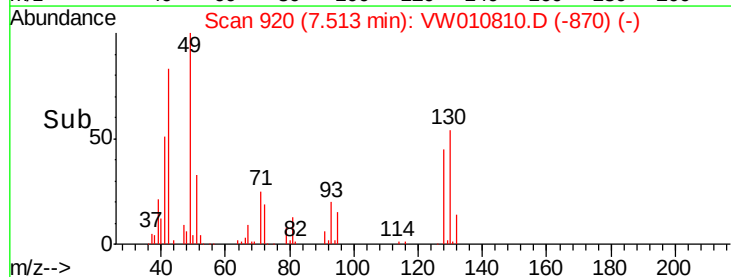
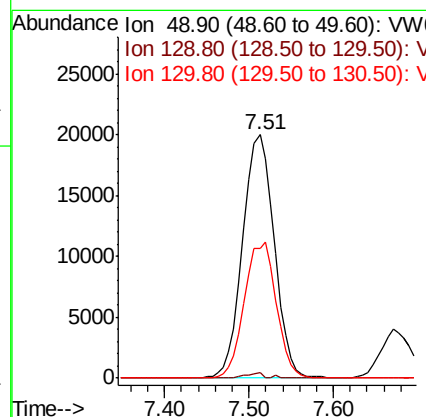
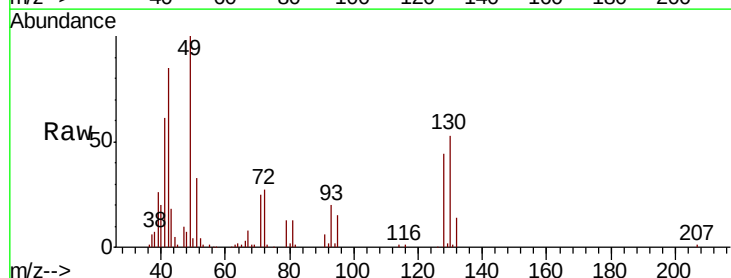
Tot Ion	Ratio	Lower	Upper
96	100		
61	176.0	0.0	336.4
98	64.7	0.0	128.0

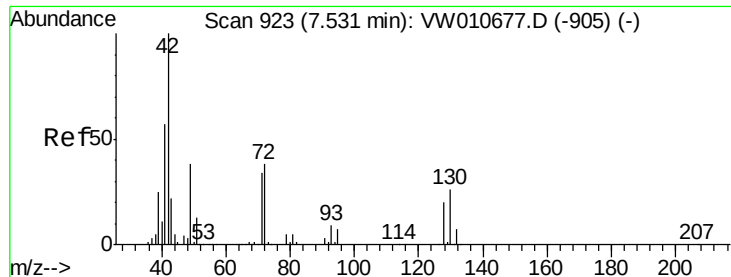


#28

Bromochloromethane
 Concen: 25.110 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	56.4	48.3	72.5

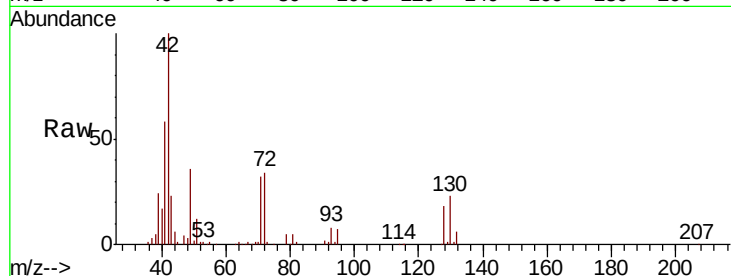




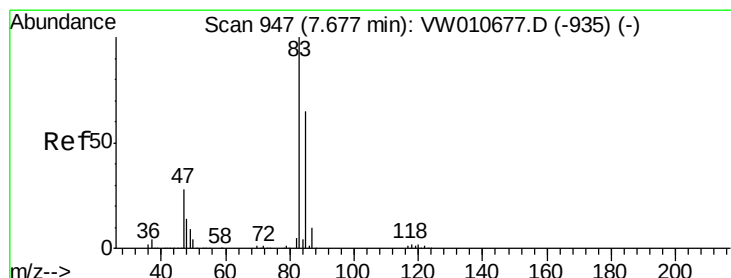
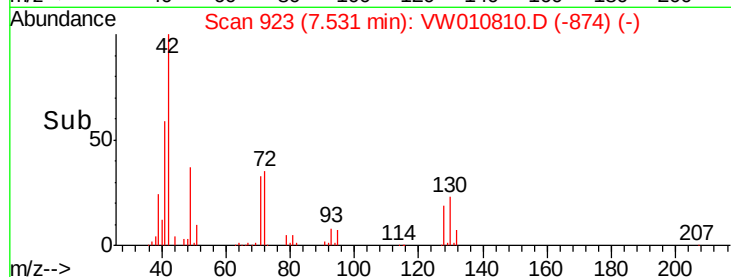
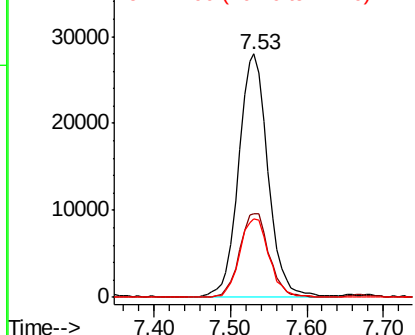
#29
Tetrahydrofuran
Concen: 128.426 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampled :
VW0614SBS01

Tot Ion: 42 Resp: 74764
Ion Ratio Lower Upper
42 100
72 34.6 28.7 43.1
71 32.6 26.6 39.8

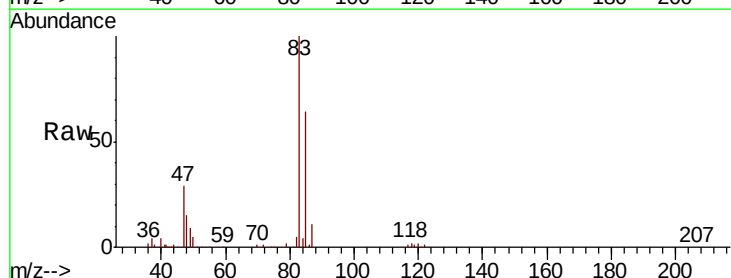


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

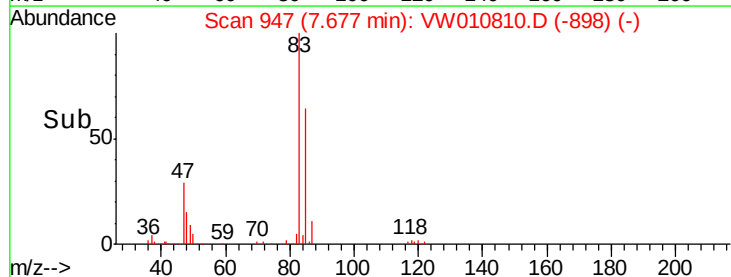
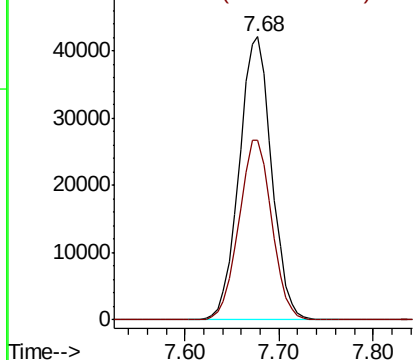


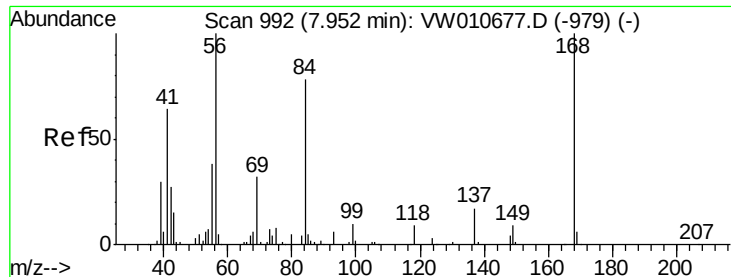
#30
Chloroform
Concen: 24.472 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion: 83 Resp: 101205
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

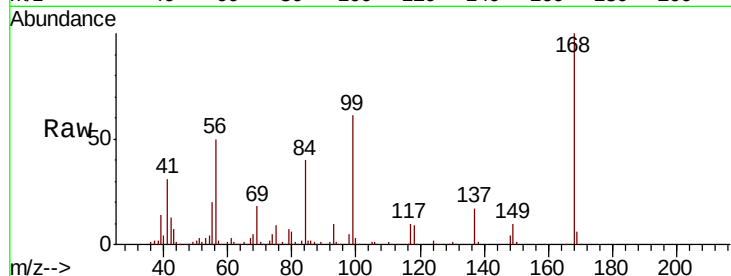




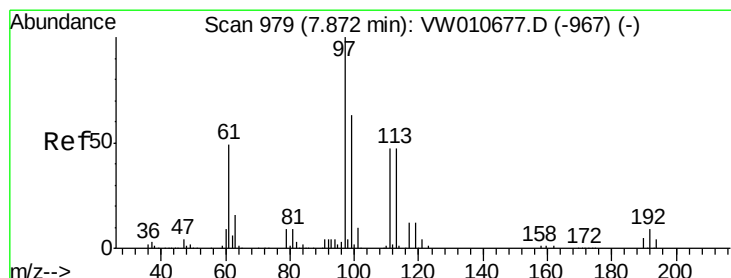
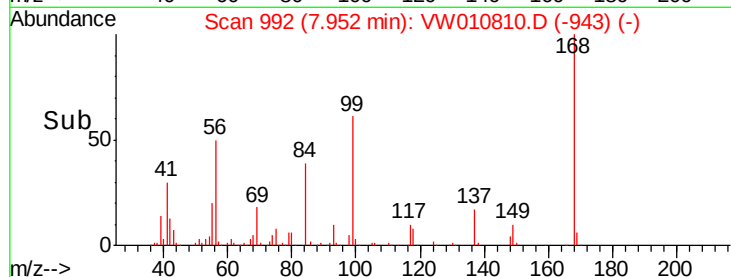
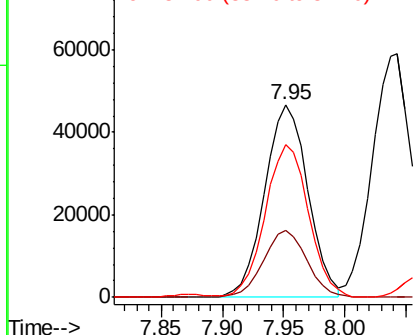
#31
Cyclohexane
Concen: 22.910 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion: 56 Resp: 115146
Ion Ratio Lower Upper
56 100
69 35.0 25.2 37.8
84 78.0 62.2 93.2

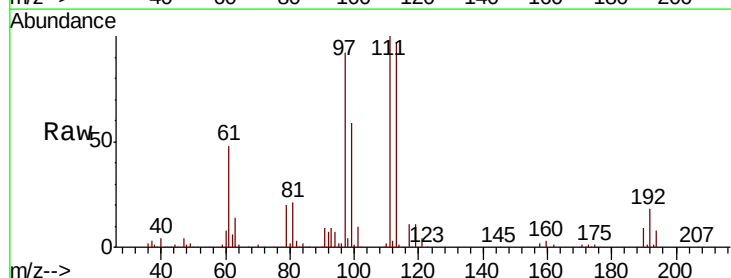


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

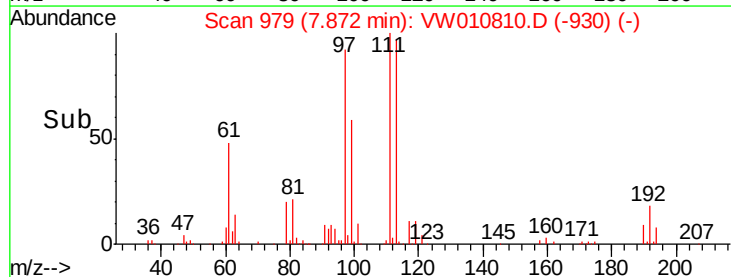
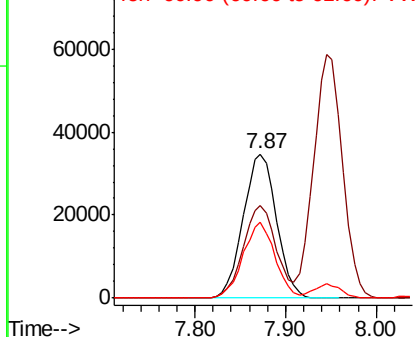


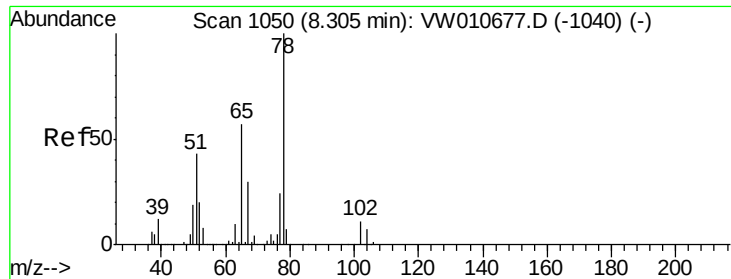
#32
1,1,1-Trichloroethane
Concen: 24.396 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion: 97 Resp: 88132
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 50.6 40.4 60.6



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

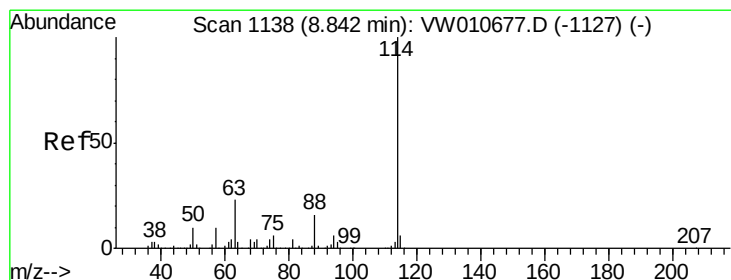
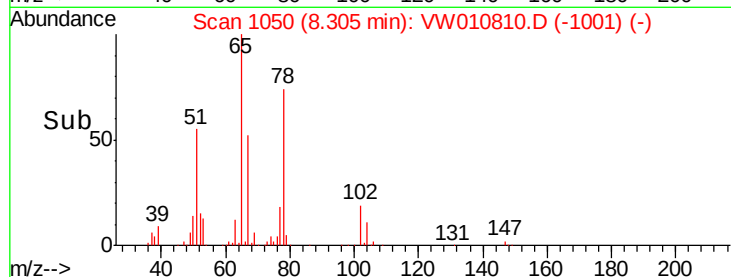
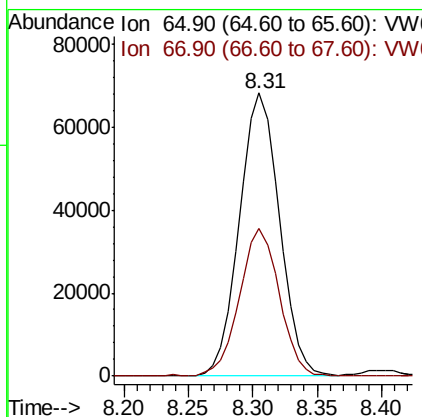
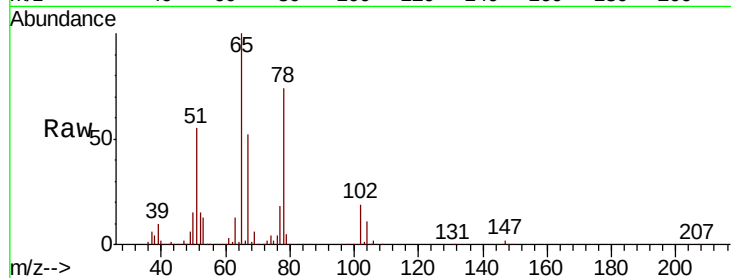




#33
 1,2-Dichloroethane-d4
 Concen: 59.096 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

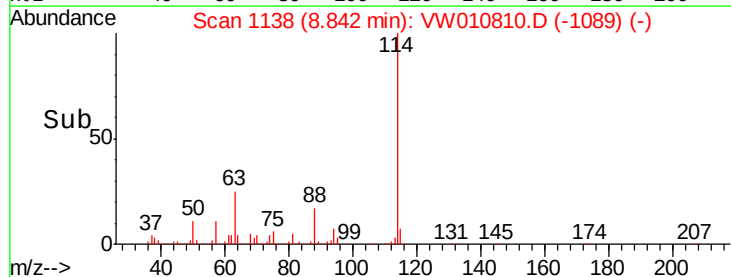
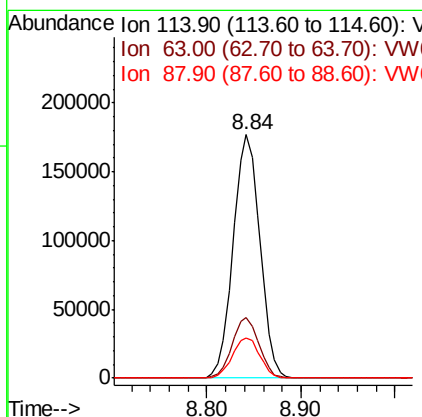
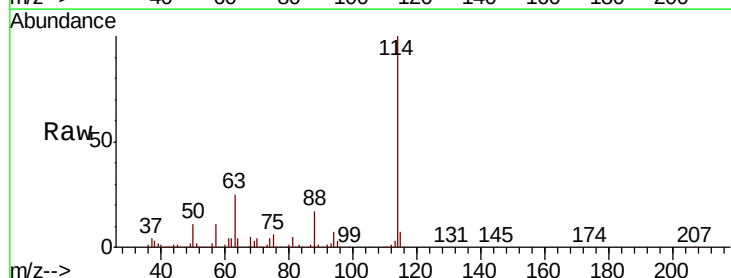
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

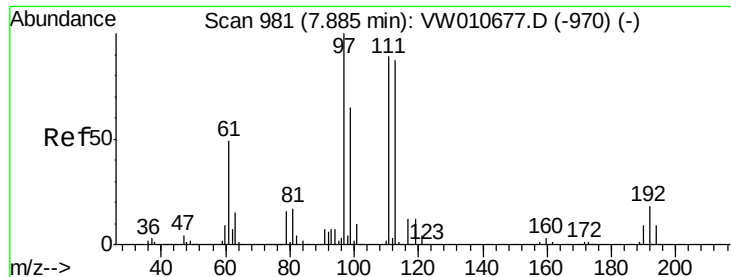
Tot Ion: 65 Resp: 147209
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion: 114 Resp: 349473
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 46.4
 88 16.6 0.0 32.2

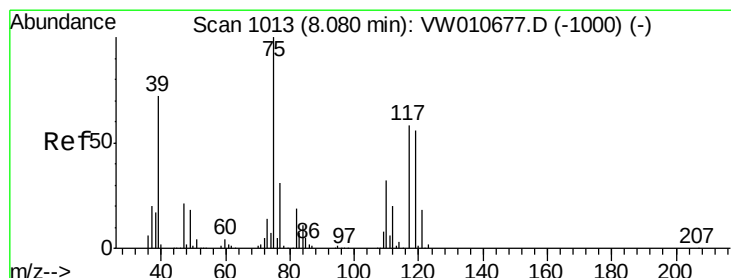
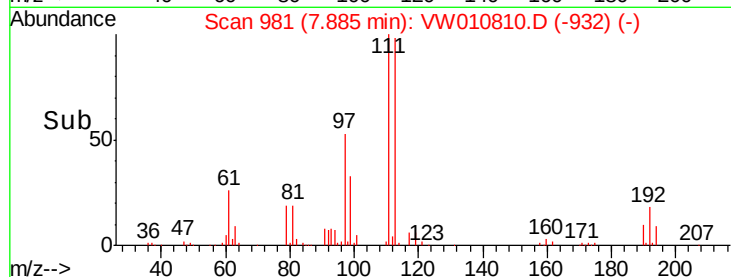
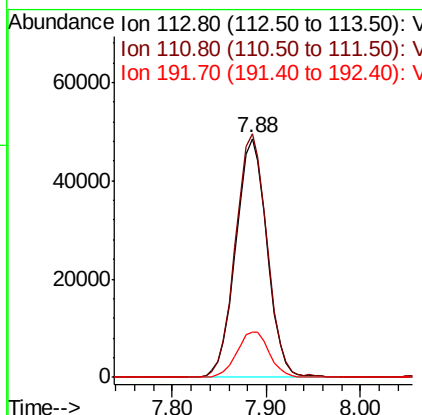
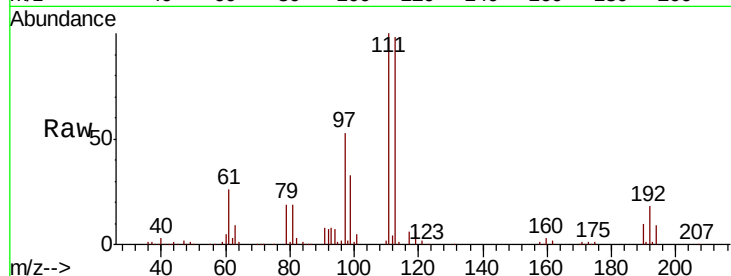




#35
Dibromofluoromethane
Concen: 59.357 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

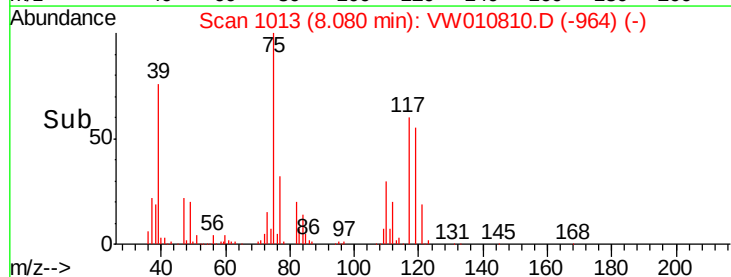
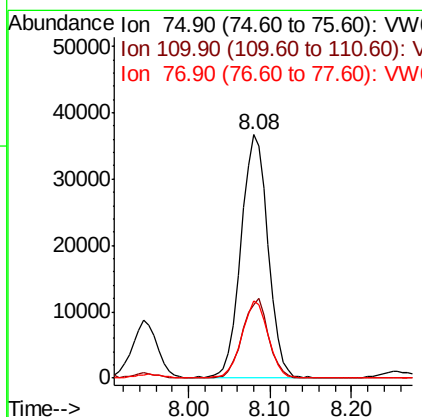
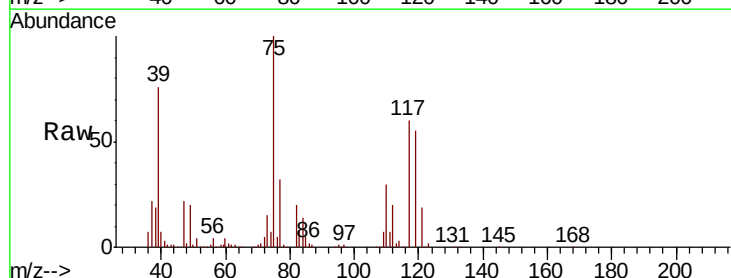
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

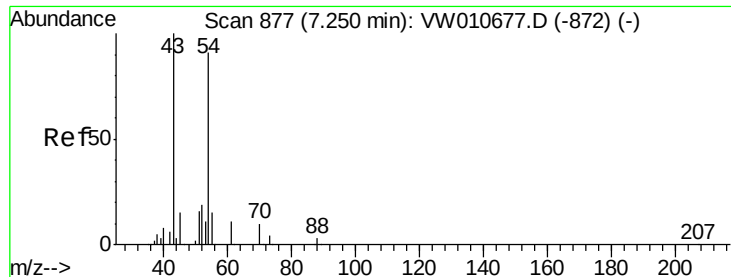
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	19.6	16.4	24.6



#36
1,1-Dichloropropene
Concen: 23.531 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.6	15.8	47.3
77	31.2	24.7	37.1

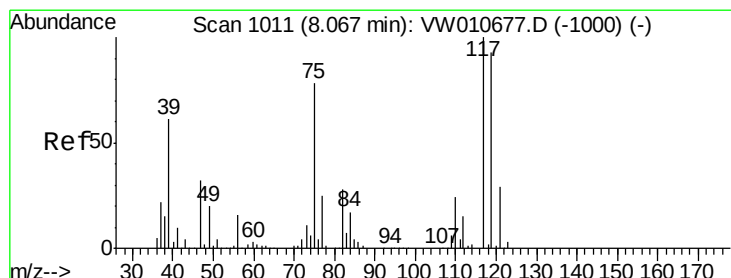
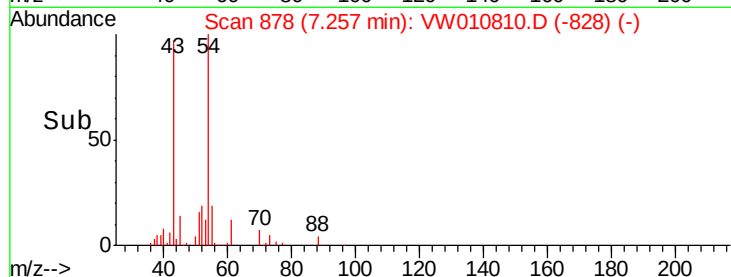
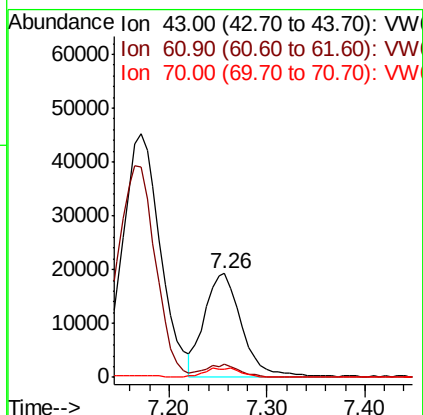
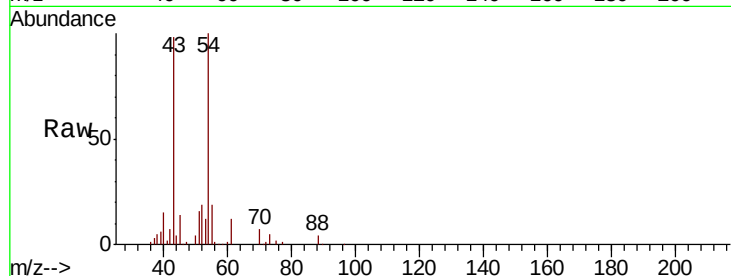




#37
Ethyl Acetate
Concen: 25.187 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

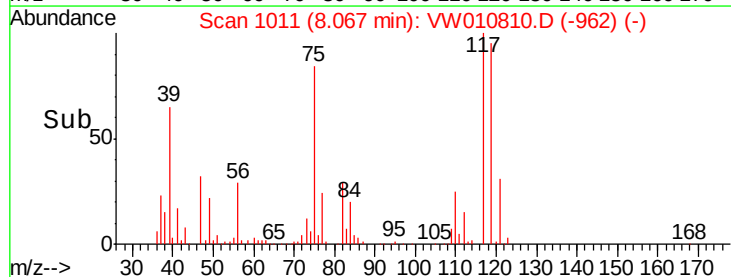
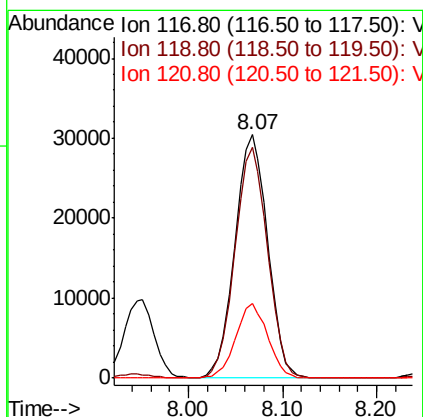
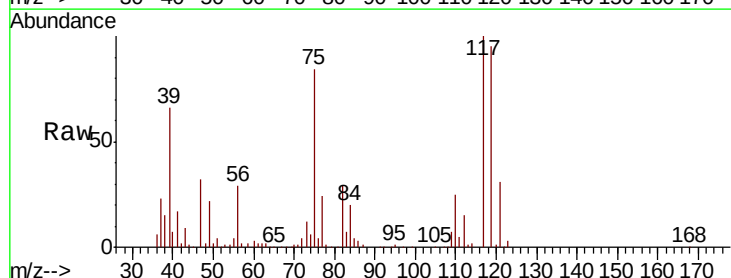
Instrument :
MSVOA_W
ClientSampleID :
VW0614SBS01

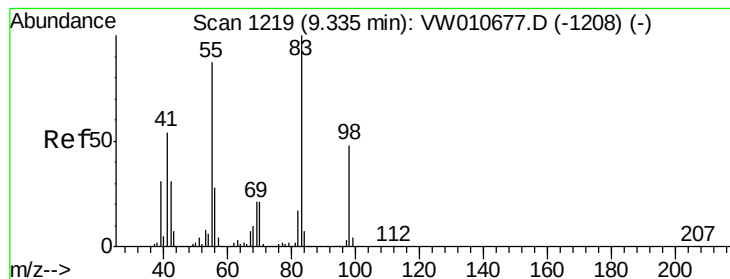
Tot Ion: 43 Resp: 49928
Ion Ratio Lower Upper
43 100
61 11.7 9.7 14.5
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 23.824 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion: 117 Resp: 73569
Ion Ratio Lower Upper
117 100
119 94.7 74.2 111.4
121 30.9 22.9 34.3





#39

Methylvlcyclohexane

Concen: 23.305 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

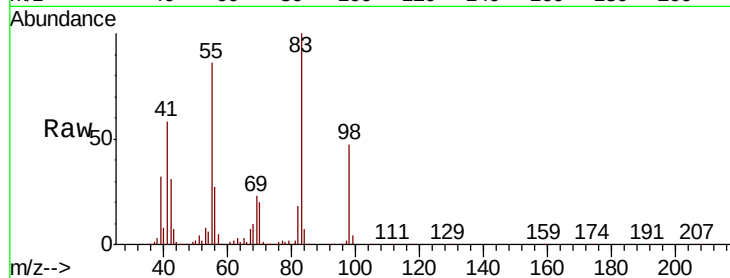
Tot Ion: 83 Resp: 105978

Ion Ratio Lower Upper

83 100

55 86.1 70.0 105.0

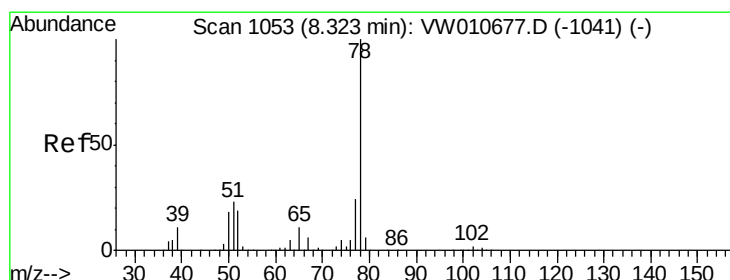
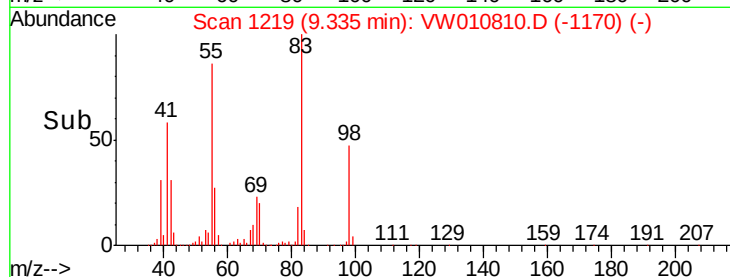
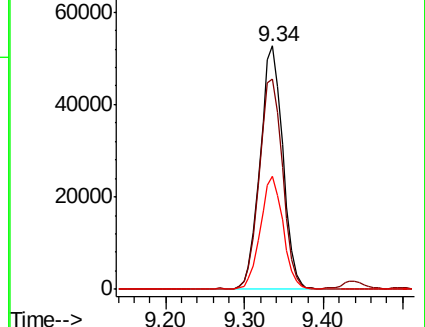
98 46.6 38.1 57.1



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: 23.769 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW010810.D

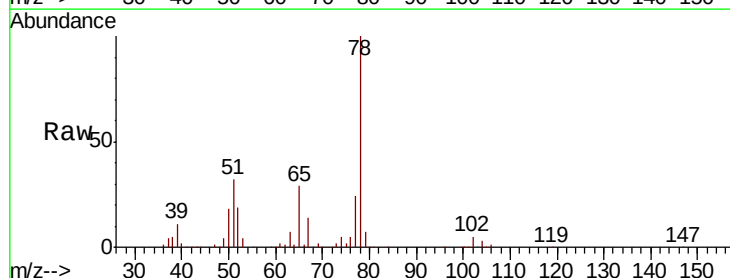
Acq: 14 Jun 2019 13:22

Tgt Ion: 78 Resp: 231957

Ion Ratio Lower Upper

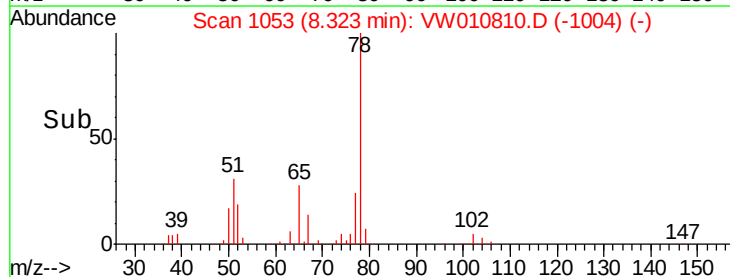
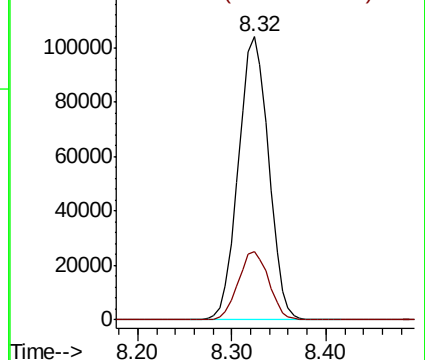
78 100

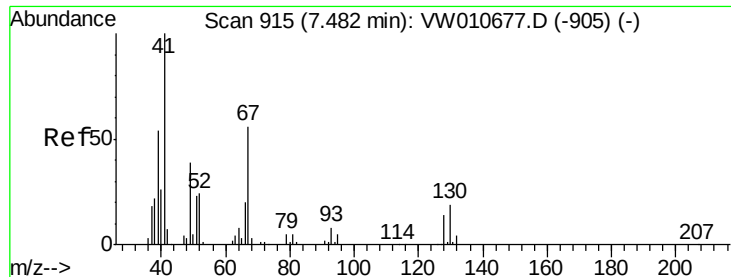
77 24.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

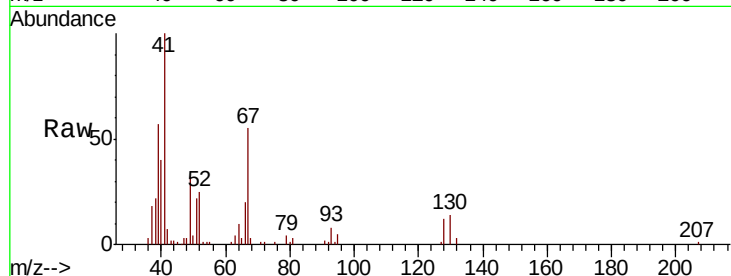




#41
Methacrylonitrile
Concen: 24.517 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion:	41	Resp:	28888
Ion	Ratio	Lower	Upper
41	100		
39	62.1	47.3	70.9
67	60.0	47.2	70.8
52	27.9	21.3	31.9



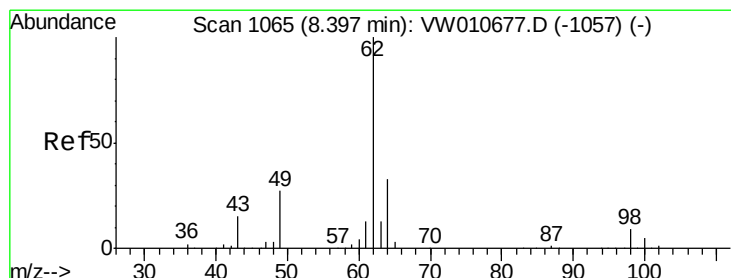
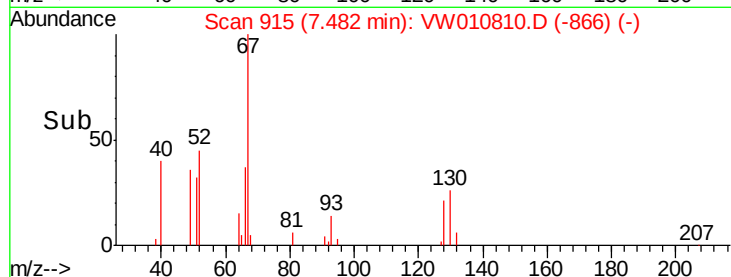
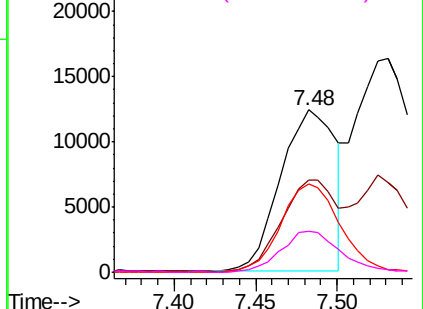
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

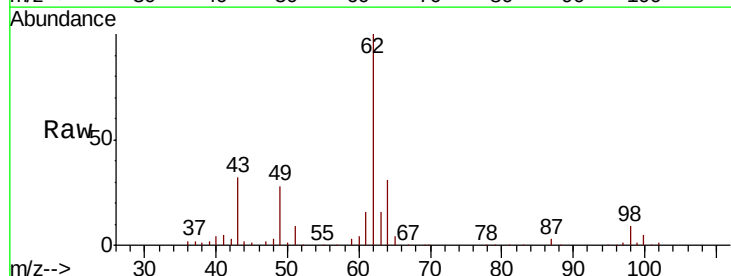
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 24.920 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

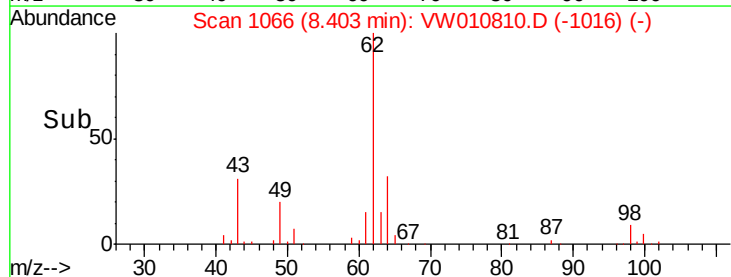
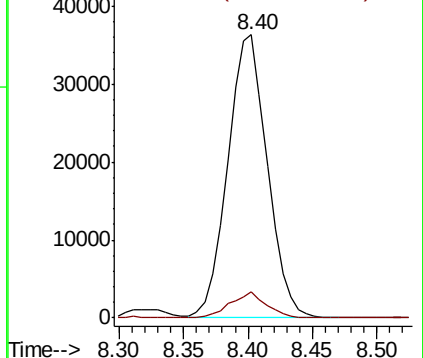
Tgt Ion:	62	Resp:	77185
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2

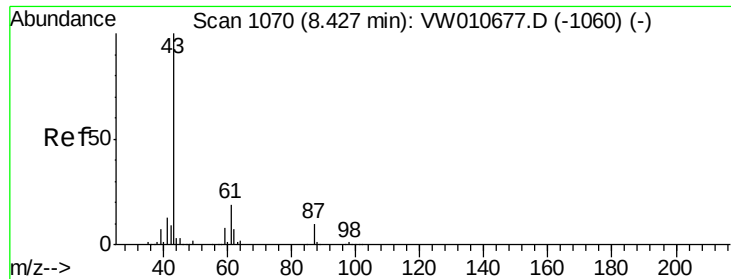


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 25.050 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

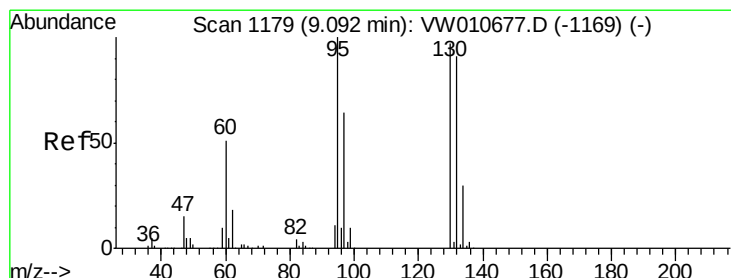
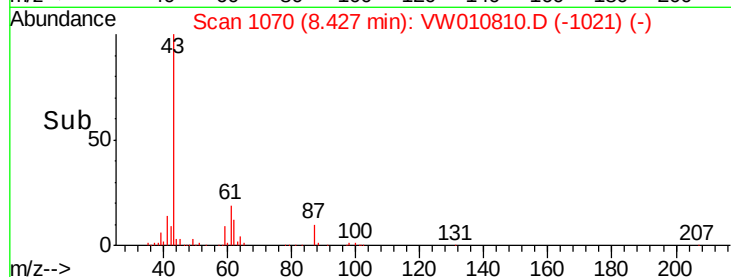
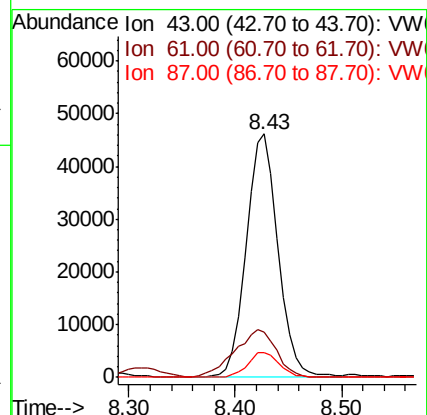
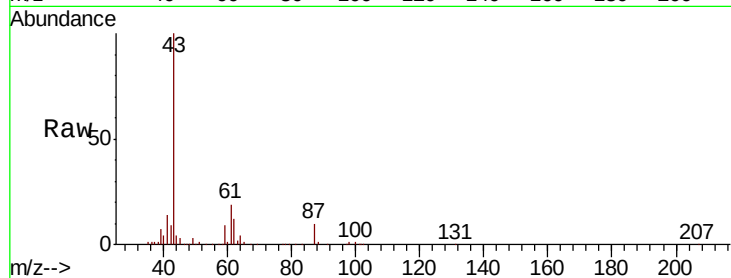
Tot Ion: 43 Resp: 95934

Ion Ratio Lower Upper

43 100

61 26.0 21.2 31.8

87 10.4 8.3 12.5



#44

Trichloroethene

Concen: 23.077 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010810.D

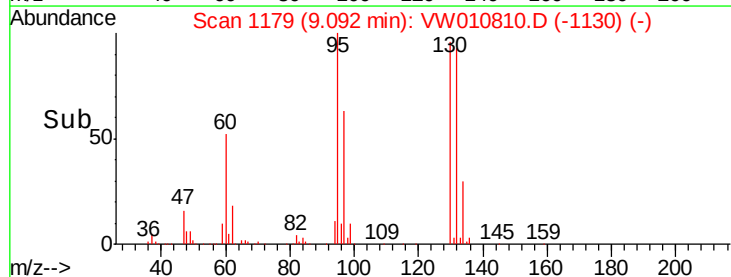
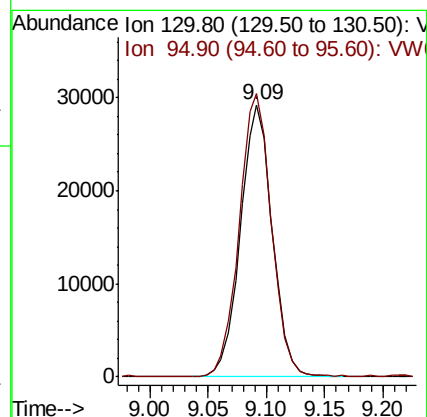
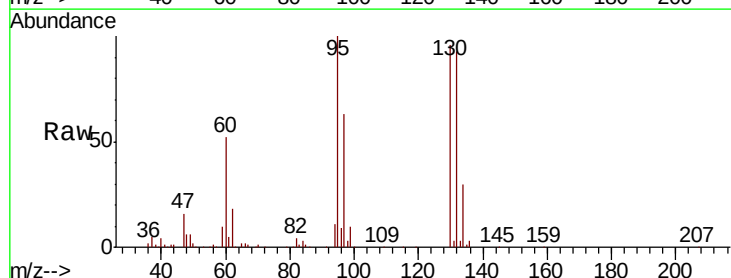
Acq: 14 Jun 2019 13:22

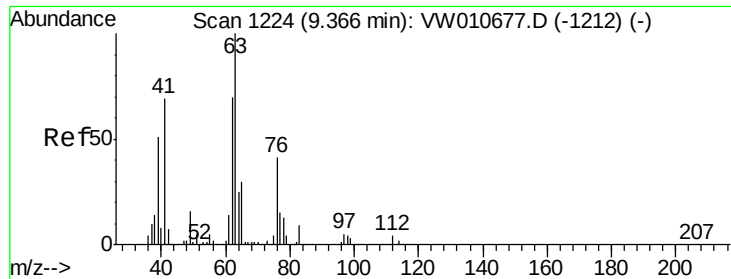
Tgt Ion: 130 Resp: 55553

Ion Ratio Lower Upper

130 100

95 103.6 0.0 207.0

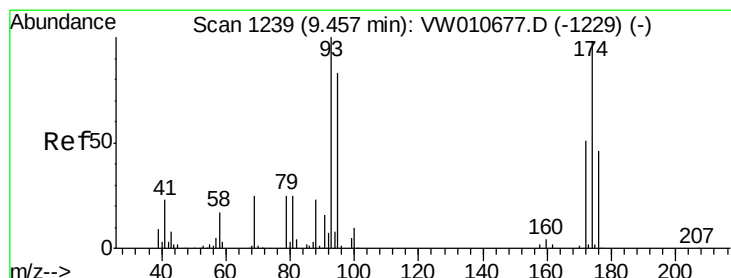
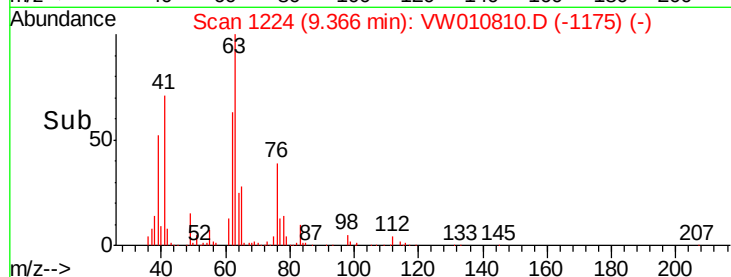
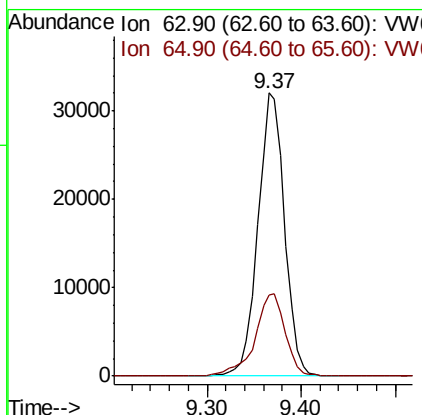
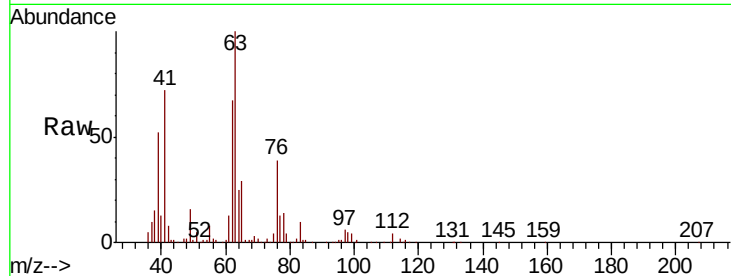




#45
 1,2-Dichloropropane
 Concen: 24.678 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

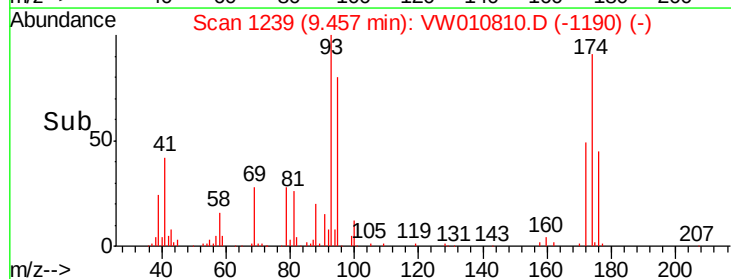
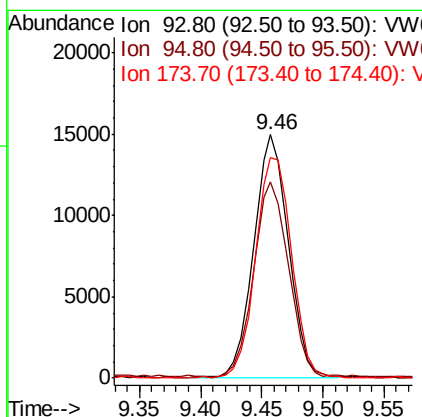
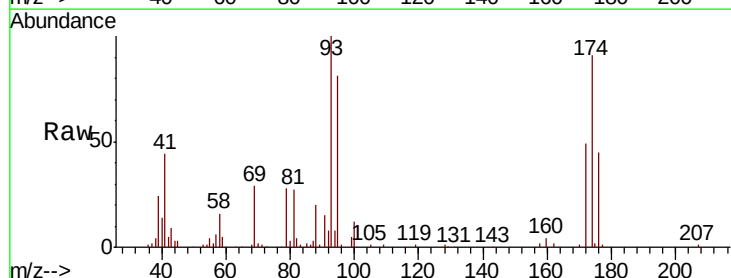
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

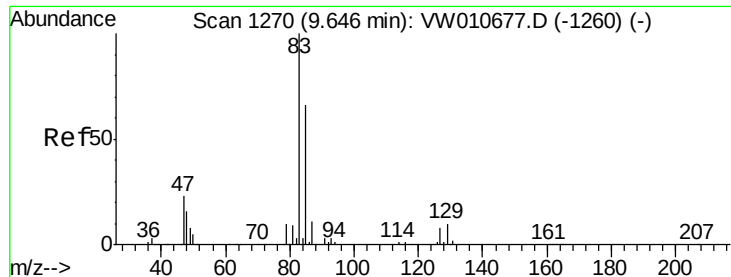
Tot Ion: 63 Resp: 63751
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.8 35.6



#46
 Dibromomethane
 Concen: 24.679 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion: 93 Resp: 29612
 Ion Ratio Lower Upper
 93 100
 95 80.9 65.8 98.8
 174 94.5 77.4 116.0





#47

Bromodichloromethane

Concen: 24.096 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

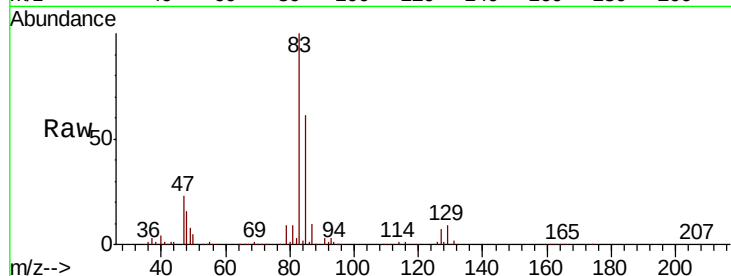
Tot Ion: 83 Resp: 74945

Ion Ratio Lower Upper

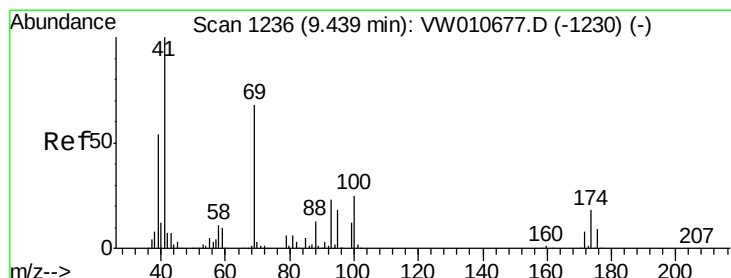
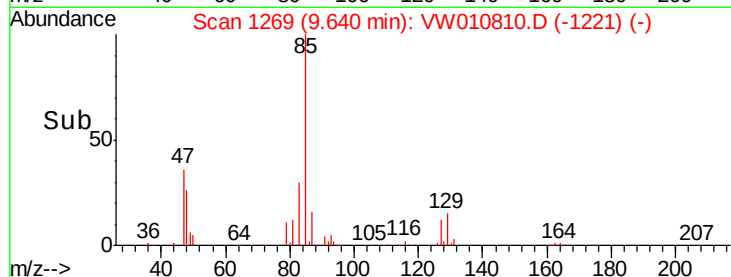
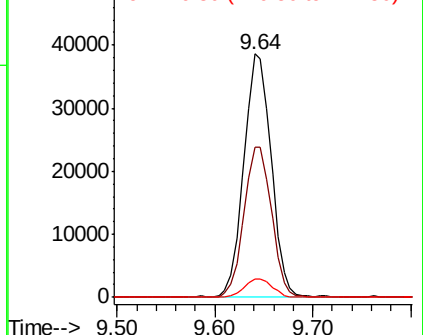
83 100

85 61.6 53.0 79.4

127 7.5 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 25.003 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

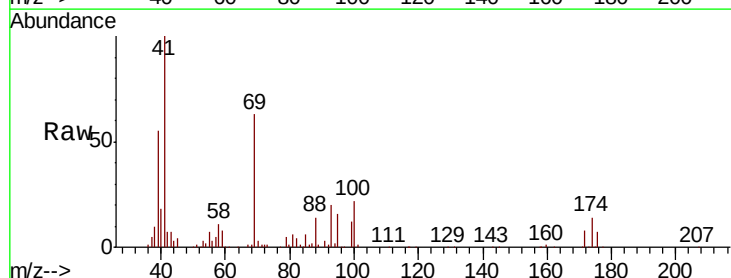
Tgt Ion: 41 Resp: 46167

Ion Ratio Lower Upper

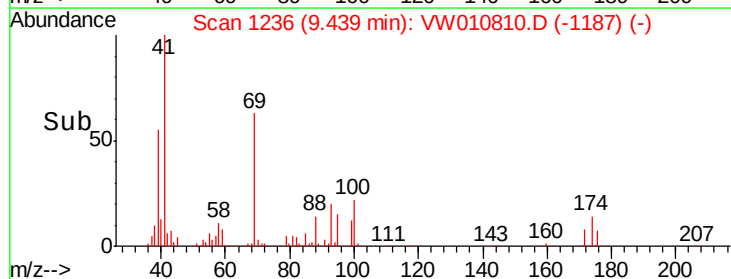
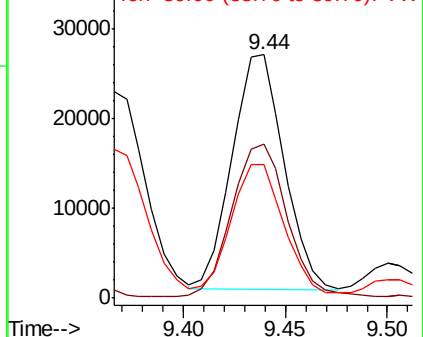
41 100

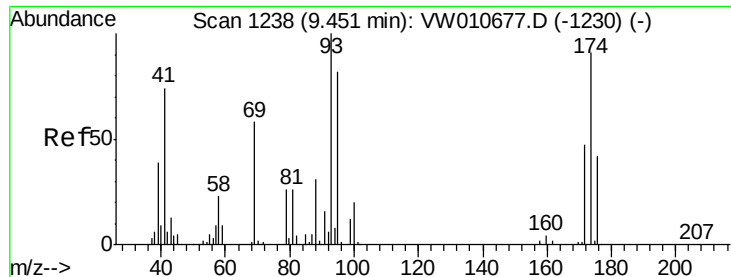
69 69.4 56.6 85.0

39 54.7 44.4 66.6



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





#49

1,4-Dioxane

Concen: 475.168 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampled :

VW0614SBSD01

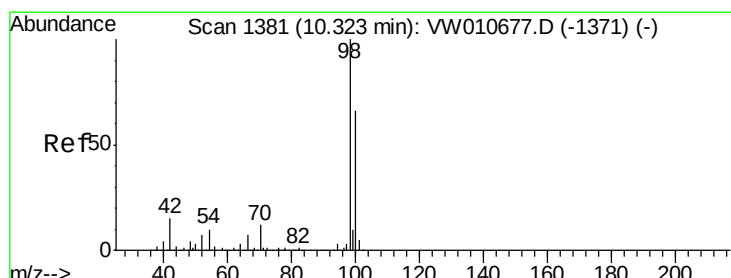
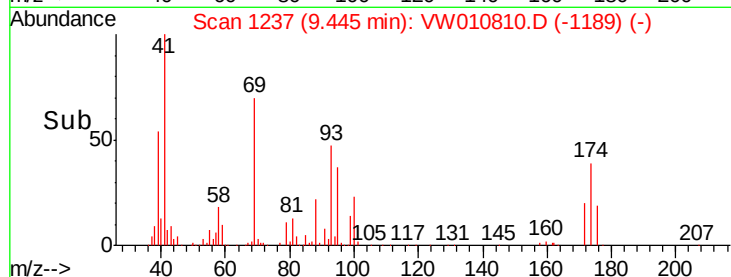
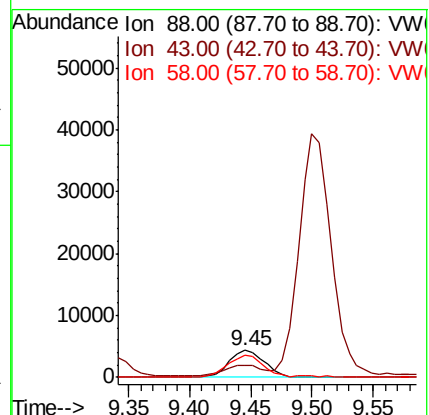
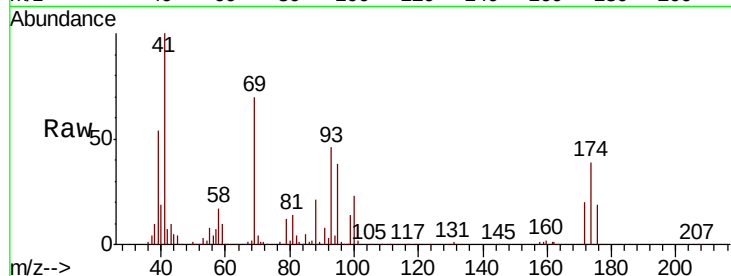
Tot Ion: 88 Resp: 8914

Ion Ratio Lower Upper

88 100

43 42.2 34.2 51.4

58 83.2 69.0 103.4



#50

Toluene-d8

Concen: 56.087 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010810.D

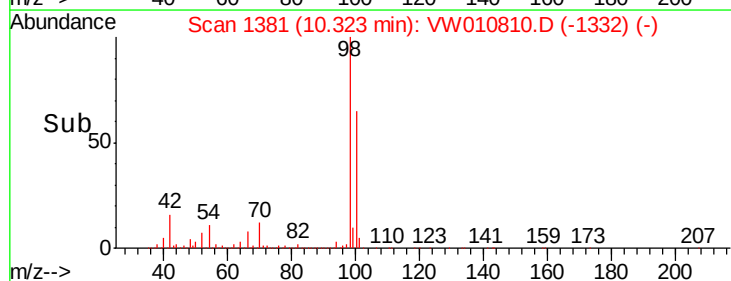
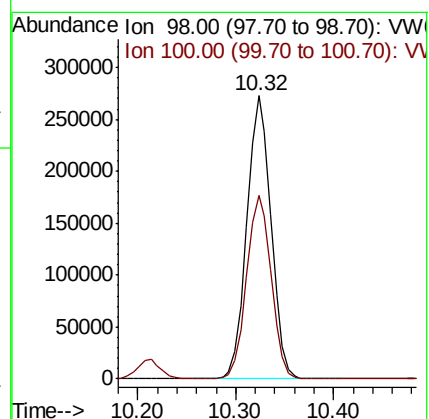
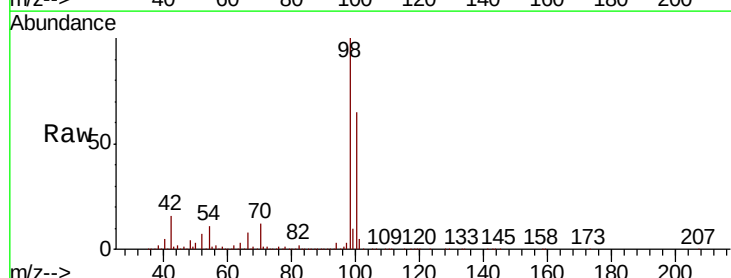
Acq: 14 Jun 2019 13:22

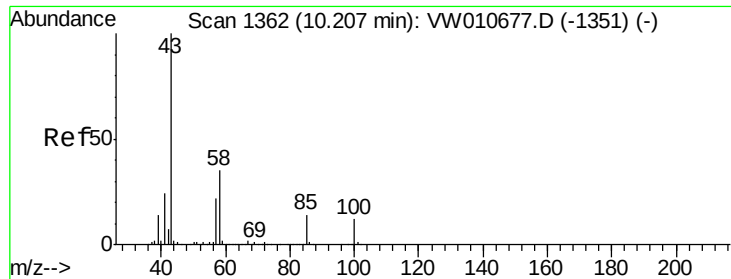
Tgt Ion: 98 Resp: 466529

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6

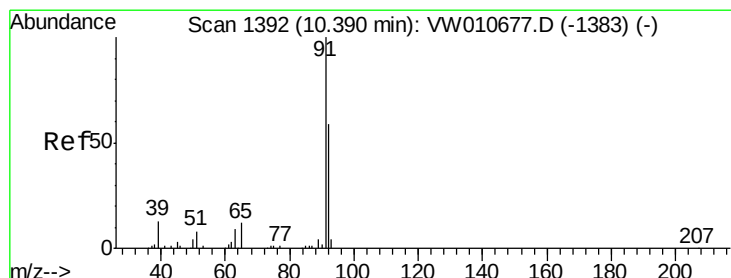
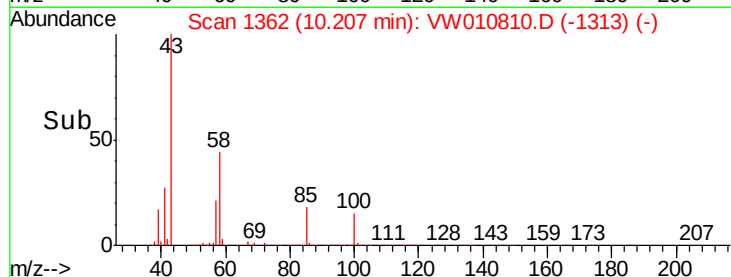
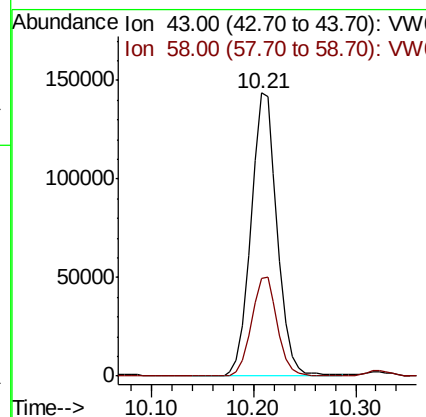
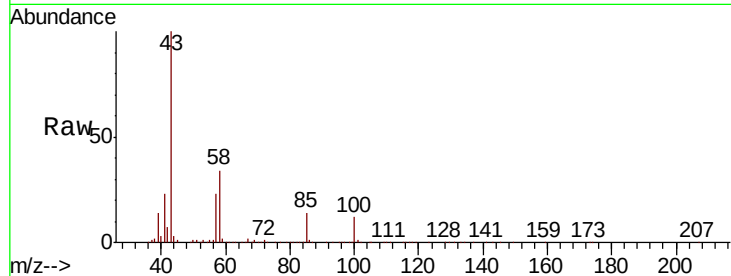




#51
 4-Methyl-2-Pentanone
 Concen: 130.177 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

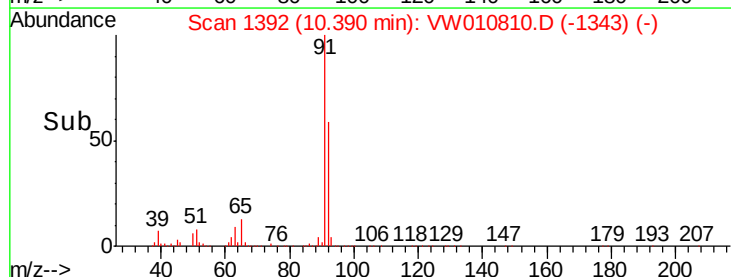
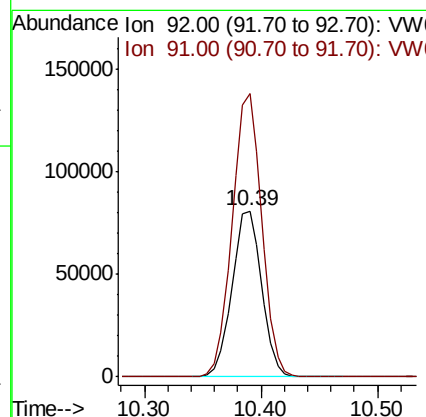
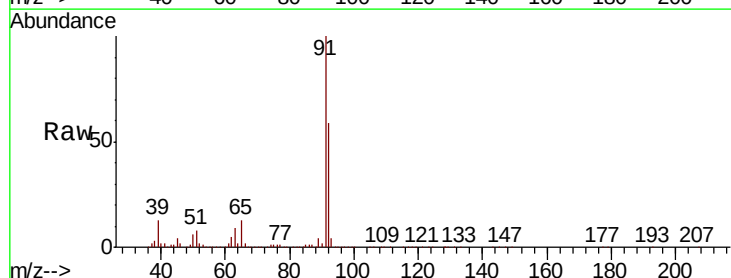
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

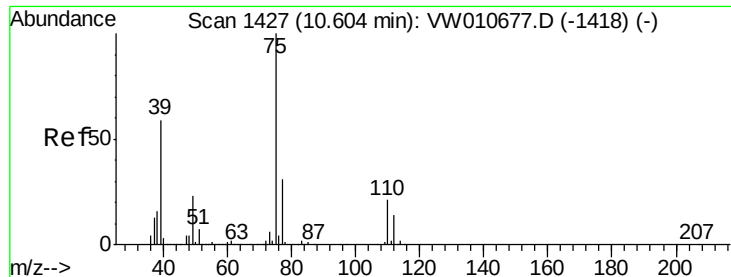
Tot Ion: 43 Resp: 254688
 Ion Ratio Lower Upper
 43 100
 58 34.8 28.4 42.6



#52
 Toluene
 Concen: 23.860 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion: 92 Resp: 143264
 Ion Ratio Lower Upper
 92 100
 91 169.9 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 23.895 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

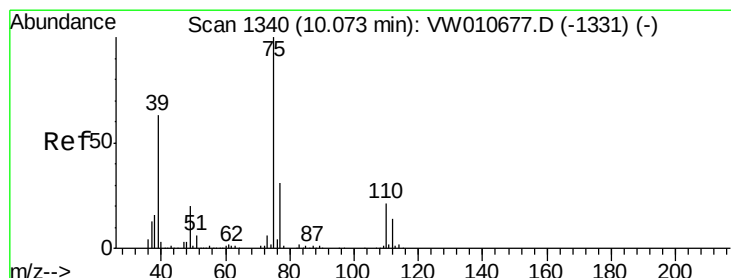
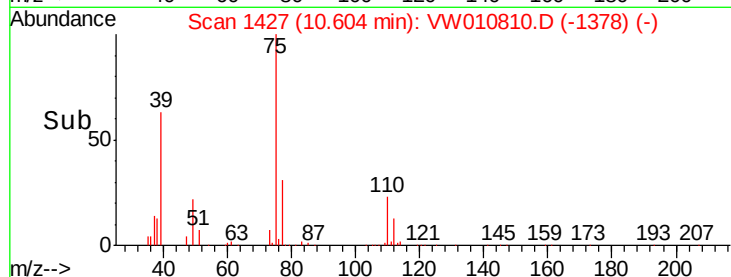
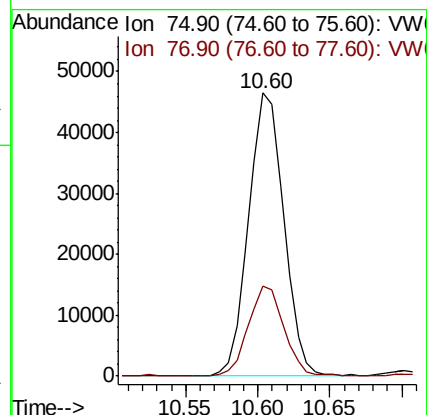
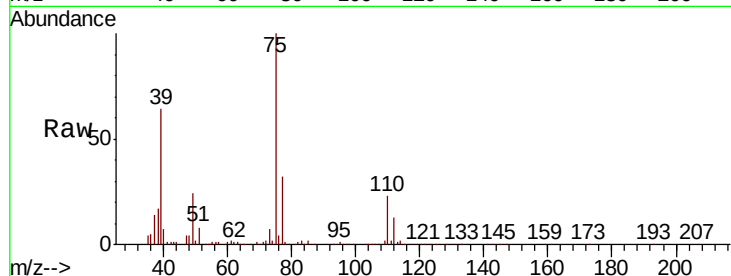
VW0614SBSD01

Tot Ion: 75 Resp: 78719

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 23.987 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

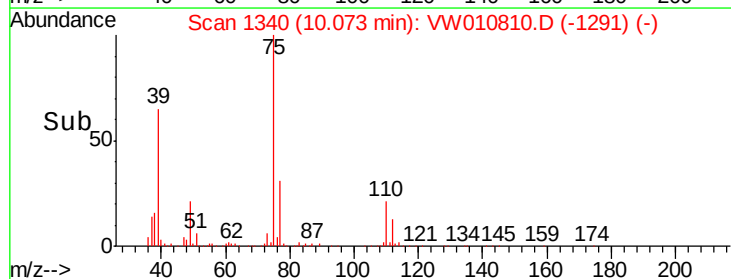
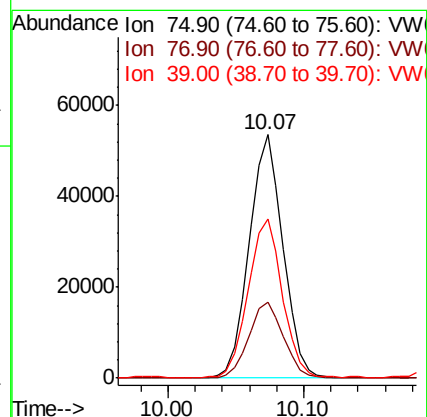
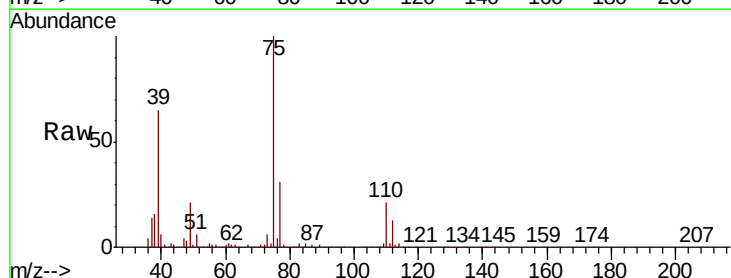
Tgt Ion: 75 Resp: 92989

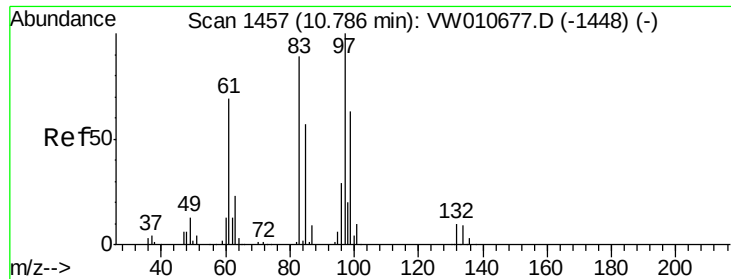
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 64.9 50.1 75.1

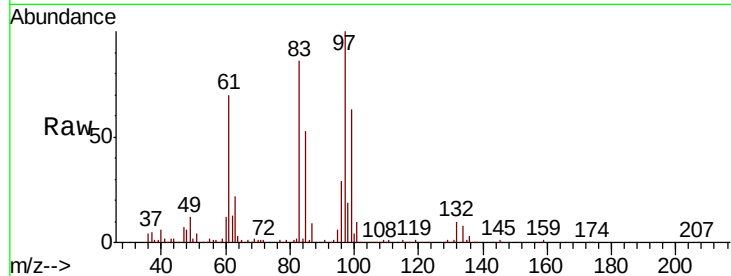




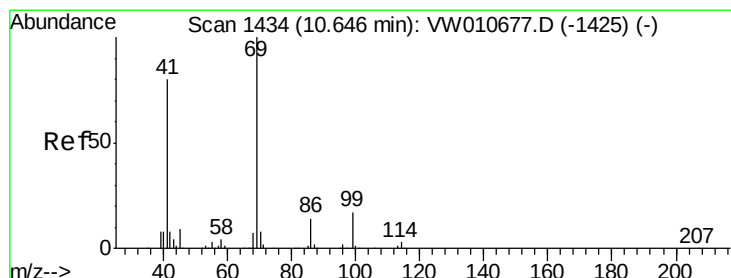
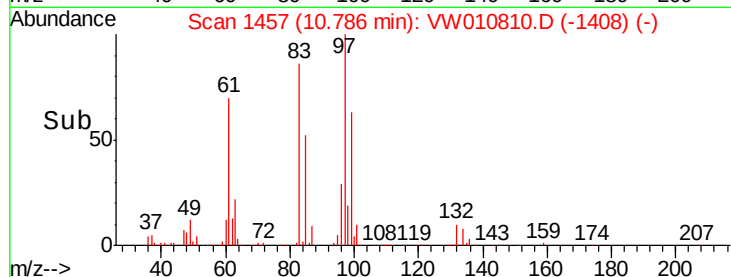
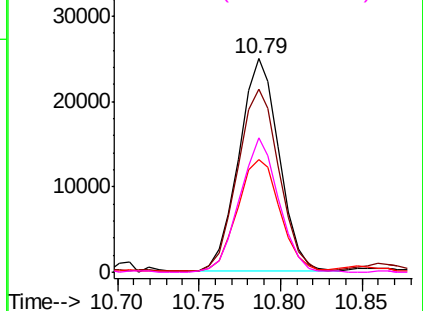
#55
 1,1,2-Trichloroethane
 Concen: 24.552 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion:	97	Resp:	42440
Ion	Ratio	Lower	Upper
97	100		
83	85.7	71.1	106.7
85	52.4	45.2	67.8
99	63.1	50.0	75.0

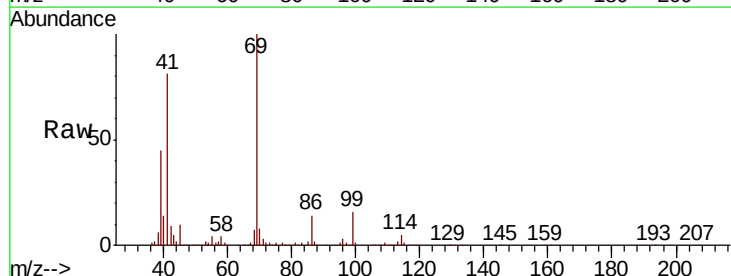


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

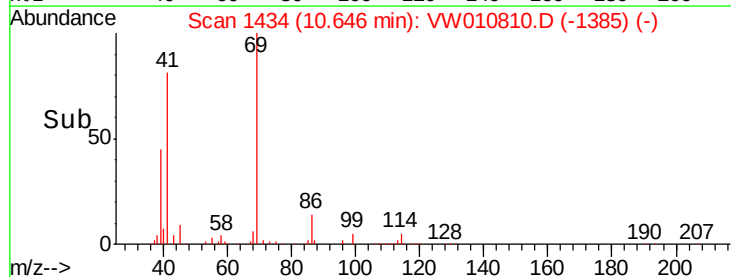
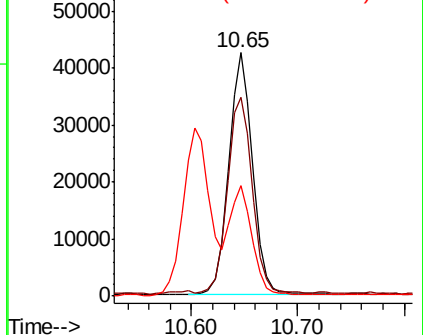


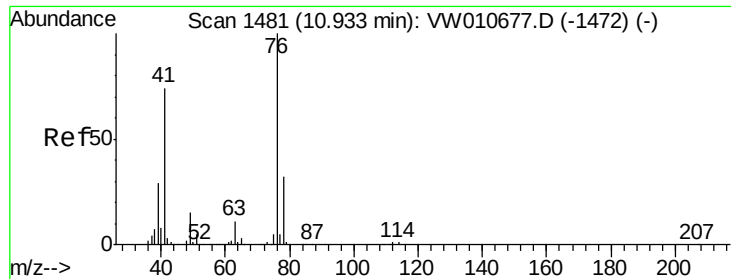
#56
 Ethyl methacrylate
 Concen: 24.959 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion:	69	Resp:	66387
Ion	Ratio	Lower	Upper
69	100		
41	86.7	64.8	97.2
39	42.7	32.2	48.2



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

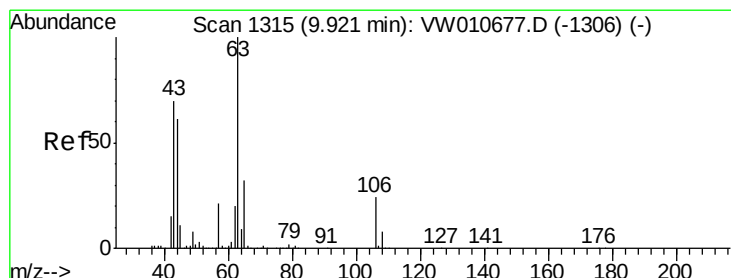
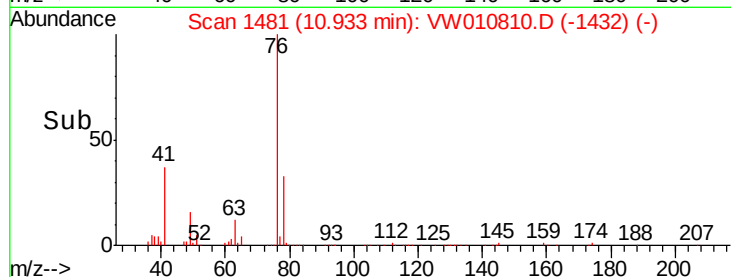
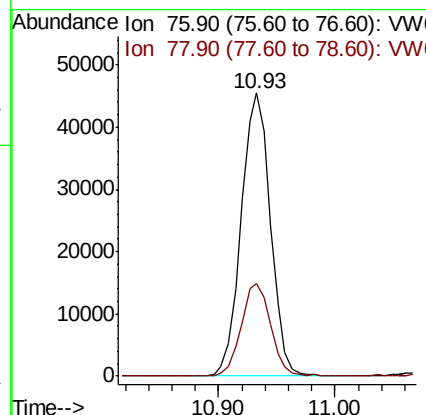
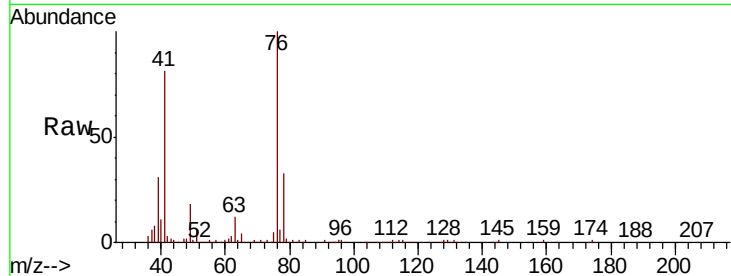




#57
 1,3-Dichloropropane
 Concen: 24.400 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

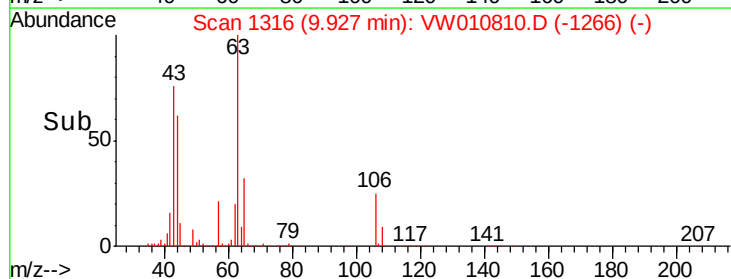
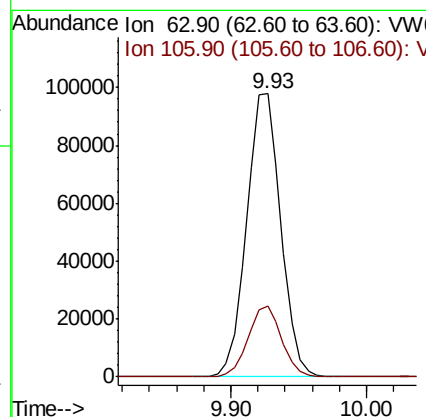
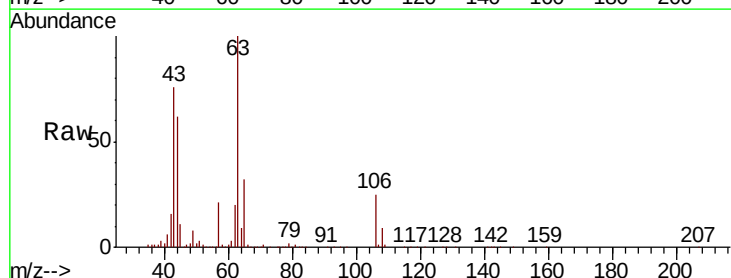
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

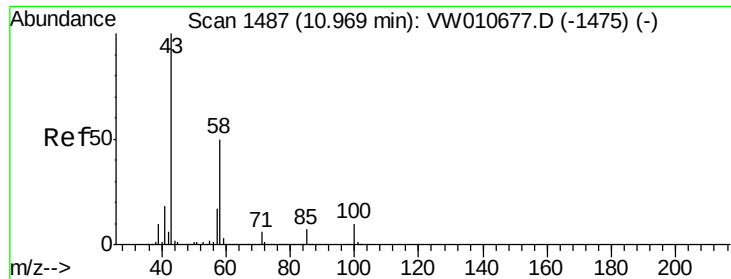
Tot Ion: 76 Resp: 79485
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 123.365 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion: 63 Resp: 171865
 Ion Ratio Lower Upper
 63 100
 106 24.6 20.1 30.1

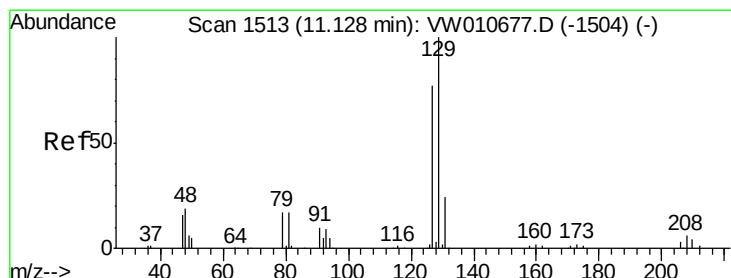
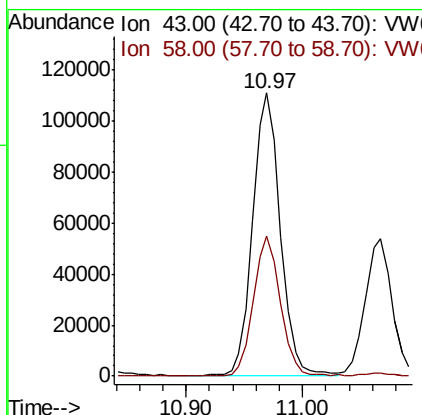
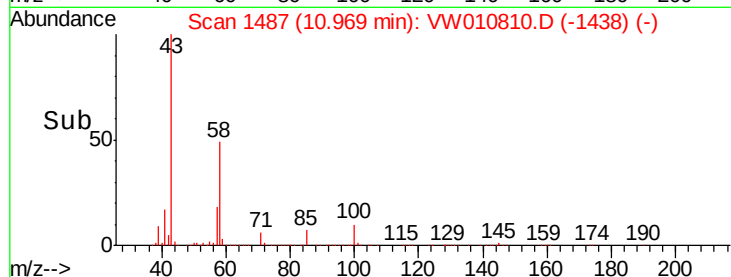
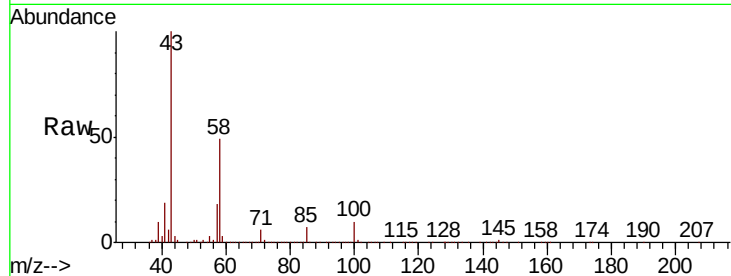




#59
2-Hexanone
Concen: 128.302 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

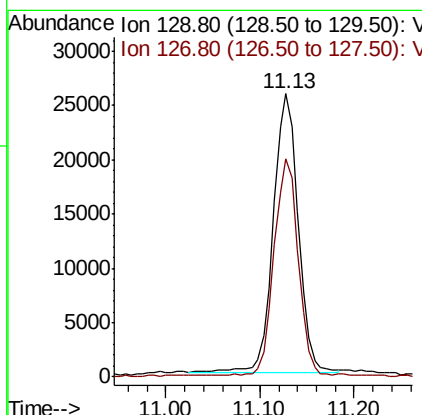
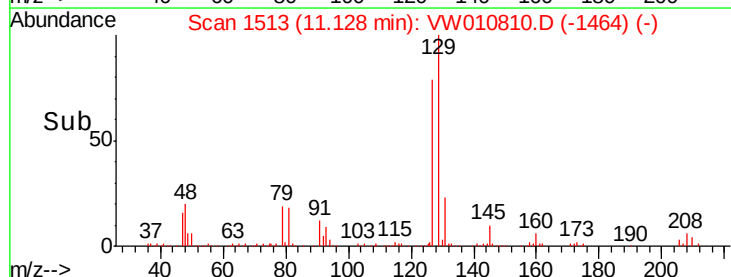
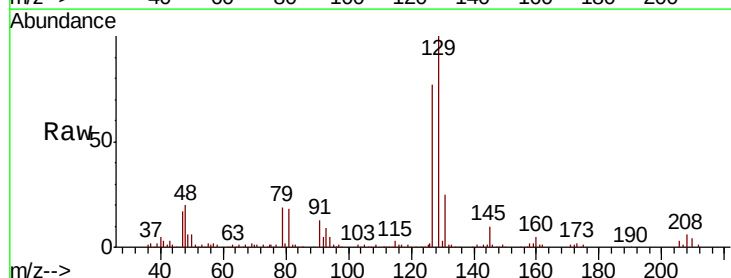
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

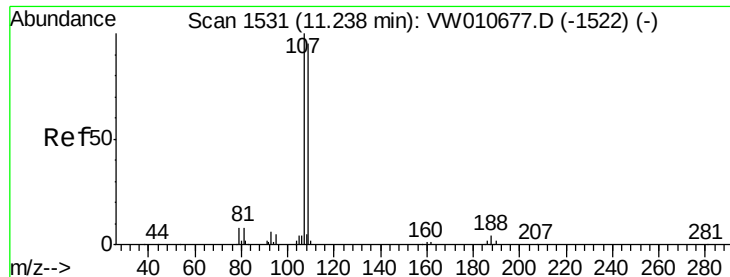
Tot Ion: 43 Resp: 181418
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.6



#60
Dibromochloromethane
Concen: 24.809 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion: 129 Resp: 47539
Ion Ratio Lower Upper
129 100
127 74.8 38.6 116.0

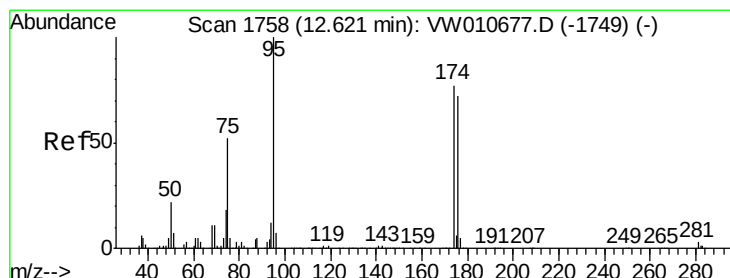
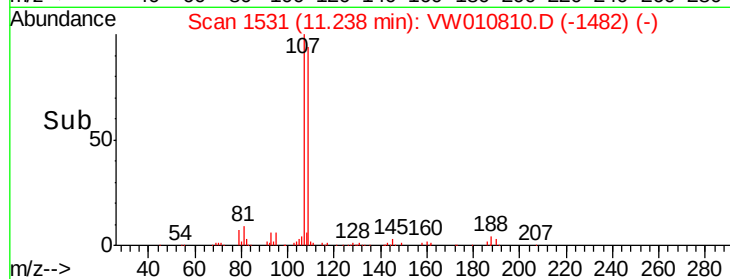
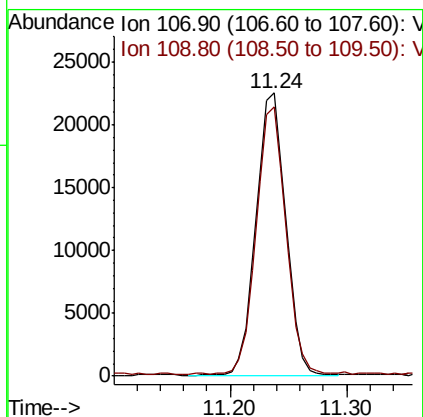
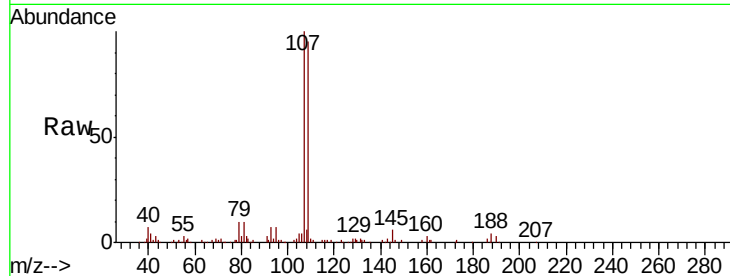




#61
 1,2-Dibromoethane
 Concen: 24.401 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

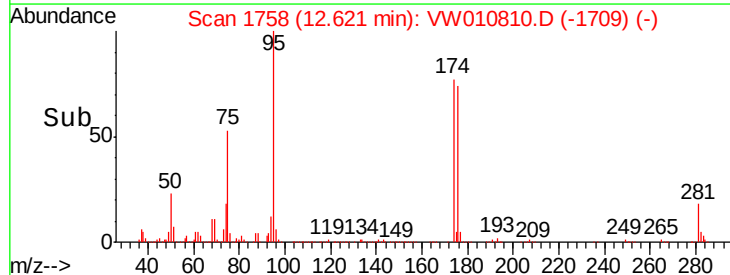
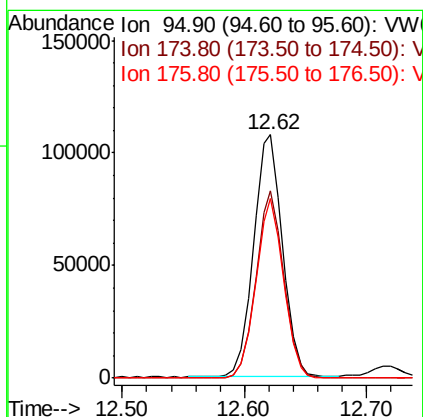
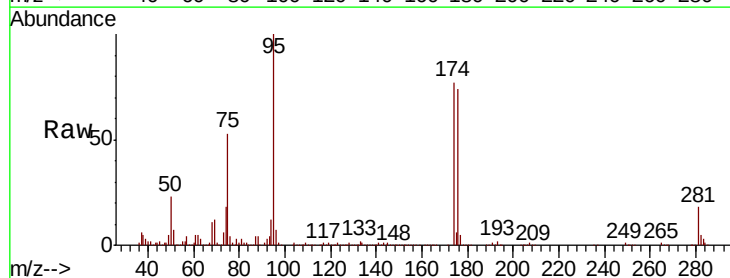
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

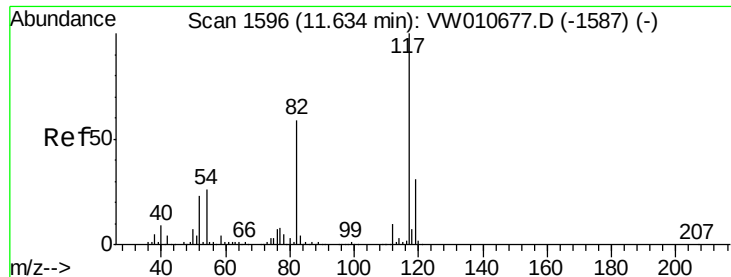
Tot Ion: 107 Resp: 39963
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 58.525 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion: 95 Resp: 177144
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 150.4
 176 70.8 0.0 144.8

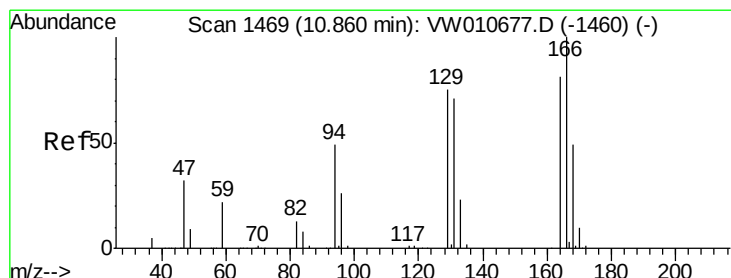
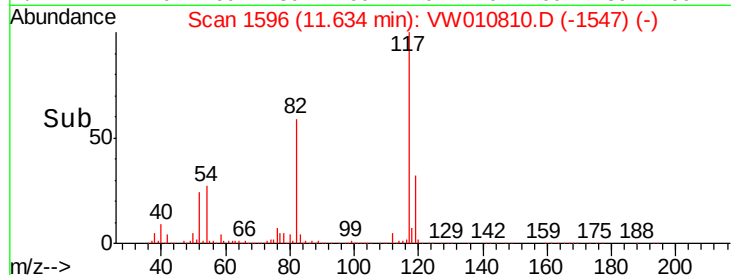
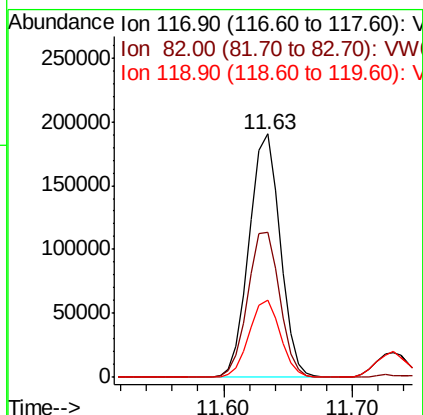
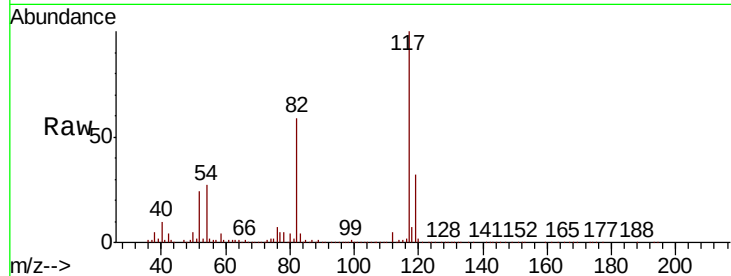




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

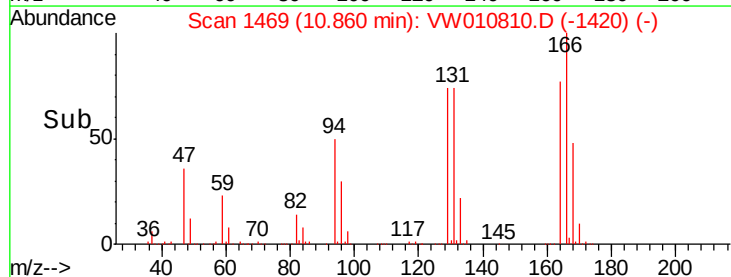
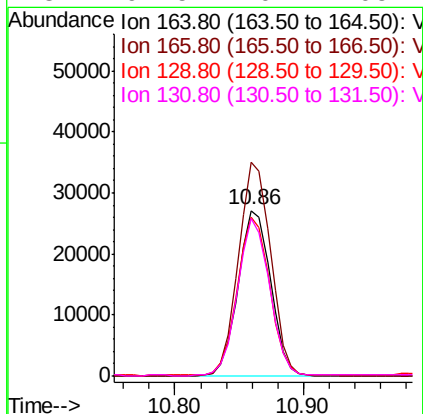
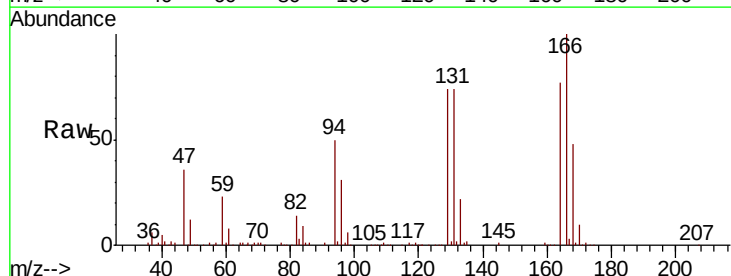
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

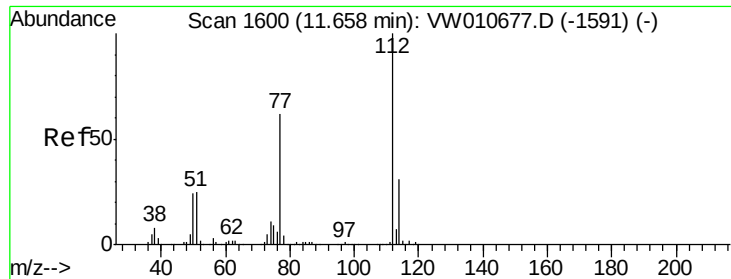
Tot Ion:117 Resp: 315670
Ion Ratio Lower Upper
117 100
82 59.3 47.0 70.4
119 31.5 25.1 37.7



#64
Tetrachloroethene
Concen: 22.606 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion:164 Resp: 47380
Ion Ratio Lower Upper
164 100
166 129.0 99.2 148.8
129 95.0 74.6 112.0
131 94.5 70.2 105.4

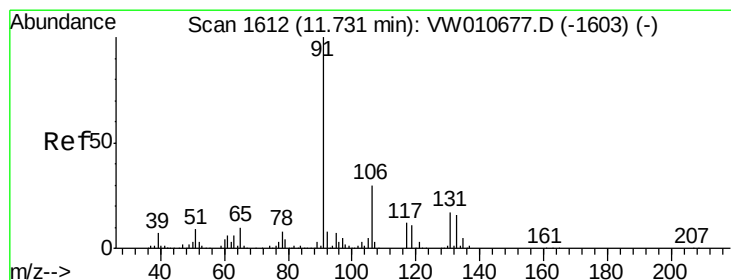
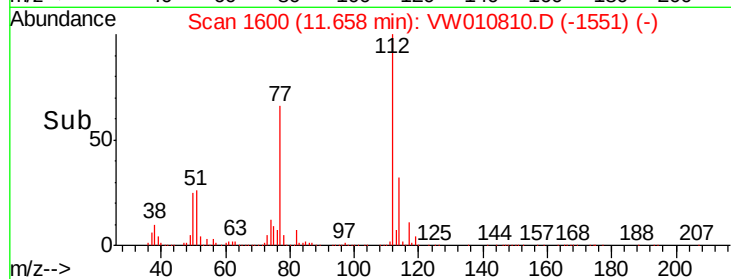
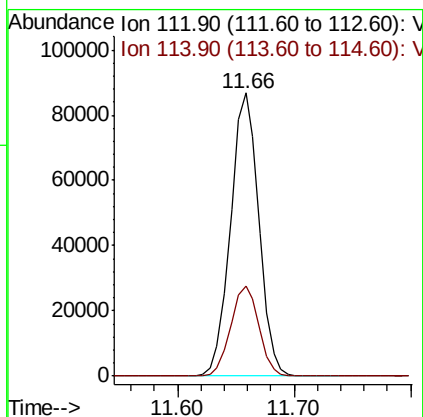
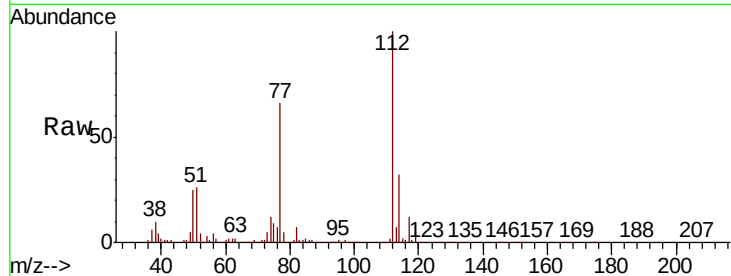




#65
Chlorobenzene
Concen: 23.614 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

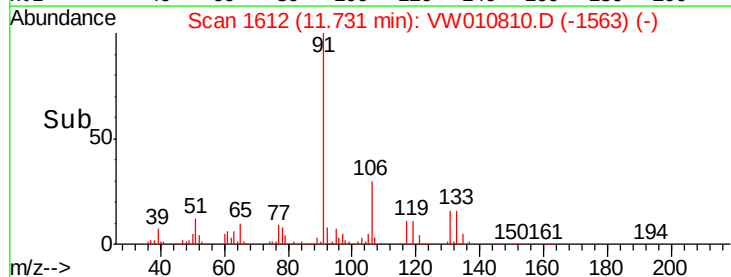
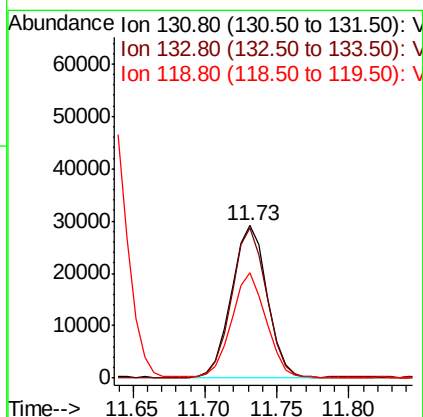
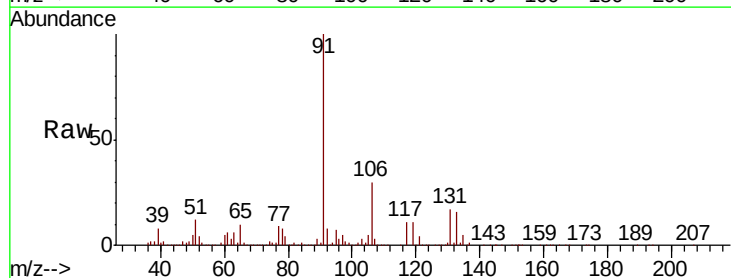
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

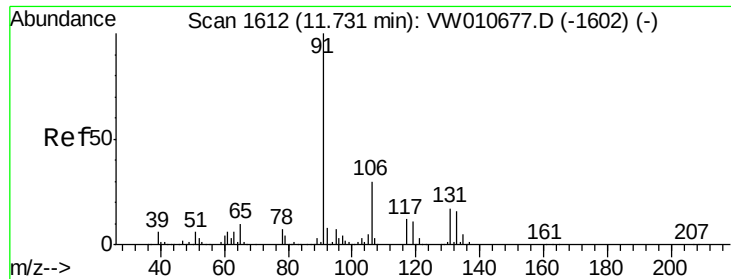
Tot Ion:112 Resp: 146587
Ion Ratio Lower Upper
112 100
114 31.9 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 23.228 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion:131 Resp: 49913
Ion Ratio Lower Upper
131 100
133 96.8 47.3 141.9
119 67.1 32.4 97.0

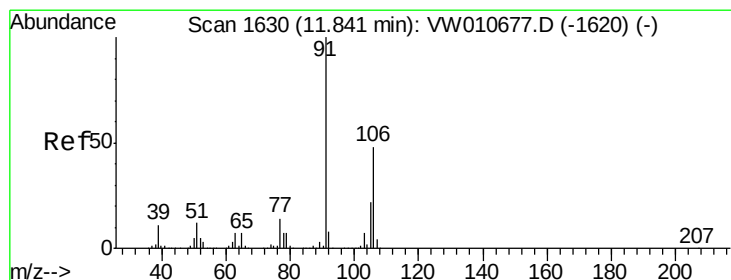
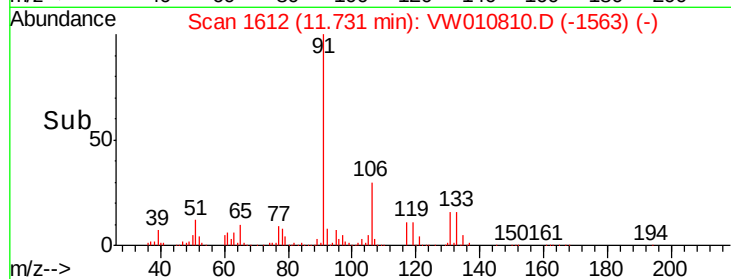
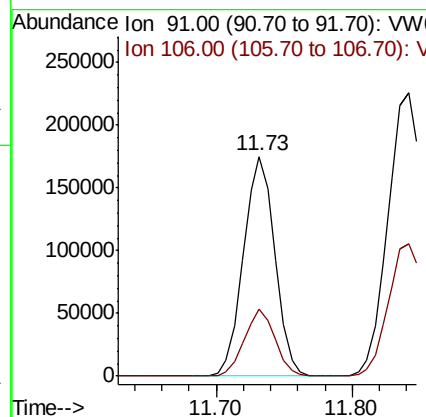
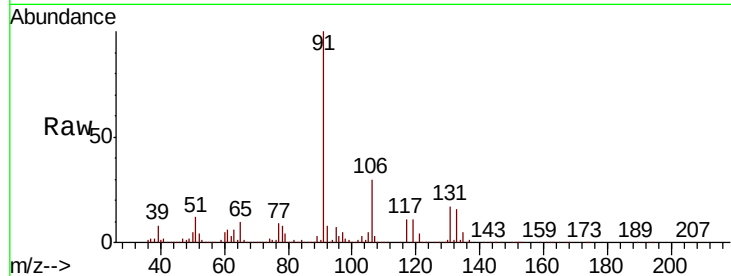




#67
Ethyl Benzene
Concen: 23.569 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

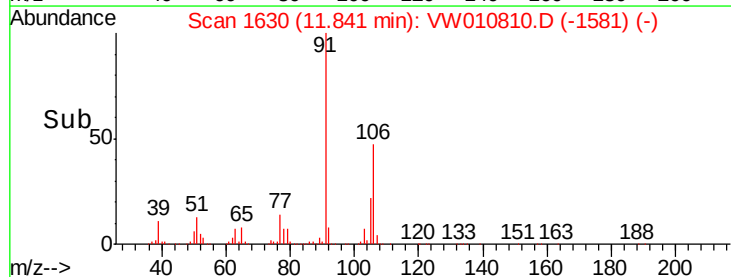
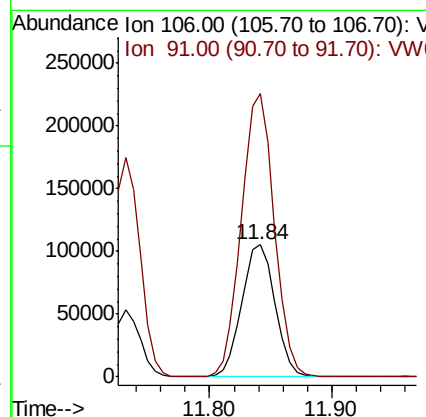
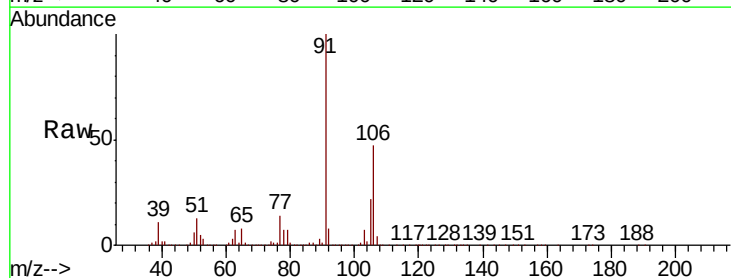
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

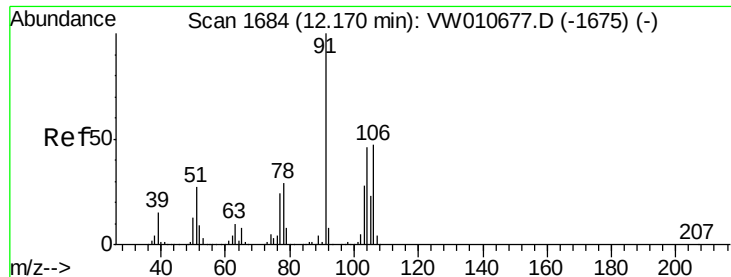
Tot Ion: 91 Resp: 281179
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 46.452 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion: 106 Resp: 198382
Ion Ratio Lower Upper
106 100
91 211.2 166.5 249.7

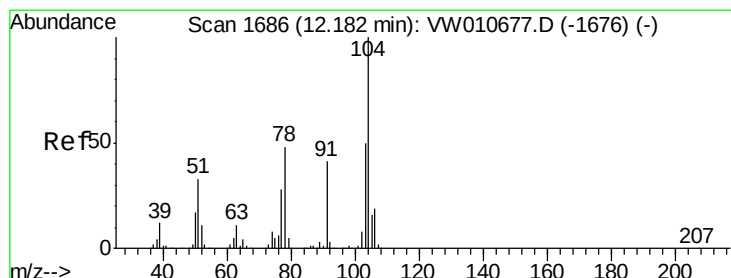
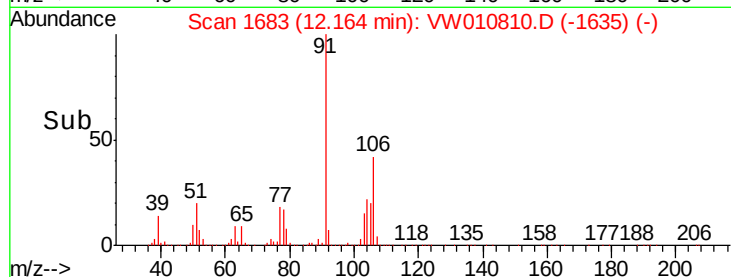
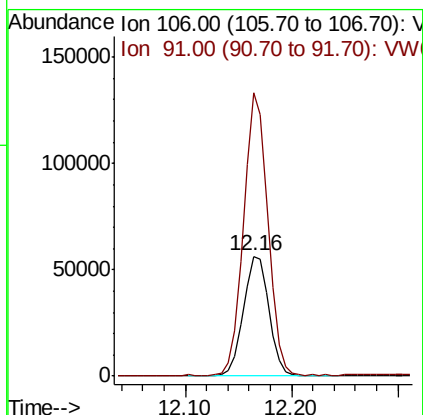
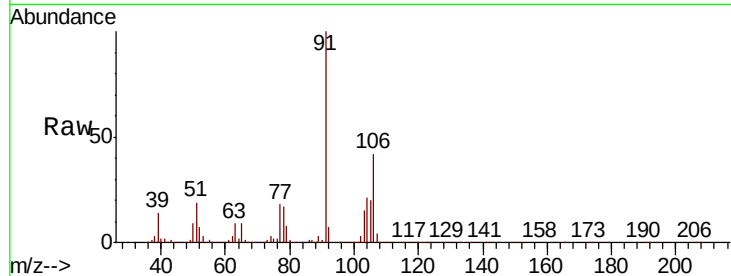




#69
o-Xylene
Concen: 23.539 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

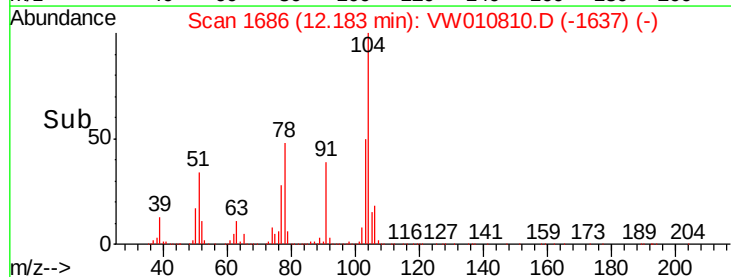
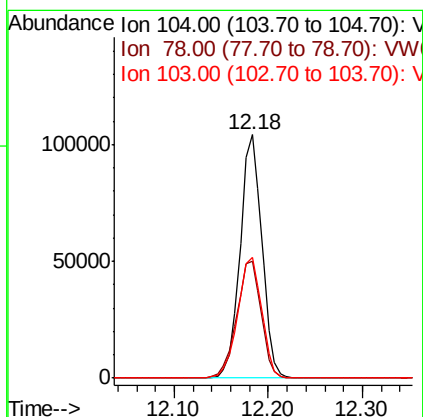
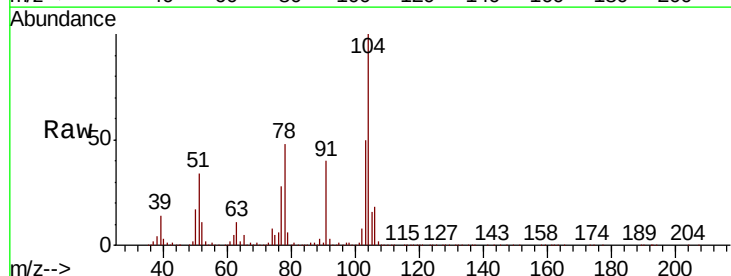
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

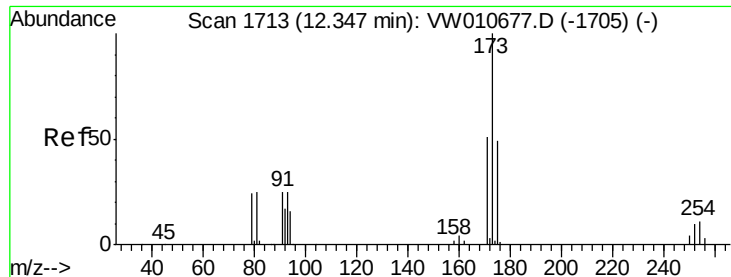
Tot Ion:106 Resp: 95344
Ion Ratio Lower Upper
106 100
91 223.6 108.9 326.6



#70
Styrene
Concen: 23.872 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion:104 Resp: 167968
Ion Ratio Lower Upper
104 100
78 53.5 42.7 64.1
103 54.8 43.6 65.4





#71

Bromoform

Concen: 24.153 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

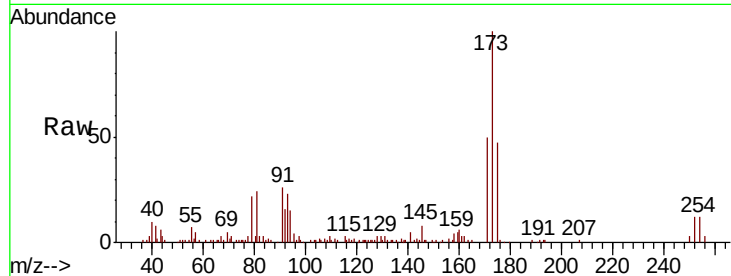
Tot Ion:173 Resp: 26842

Ion Ratio Lower Upper

173 100

175 46.7 24.3 72.8

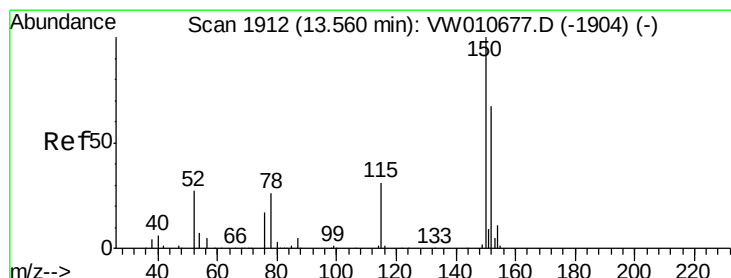
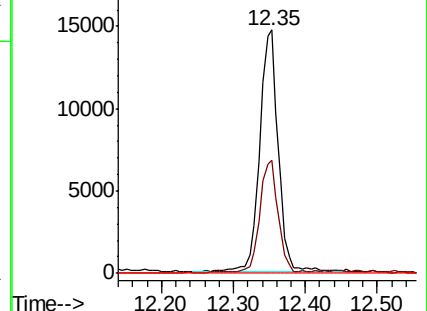
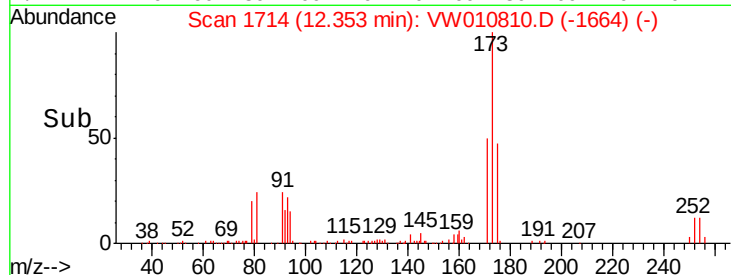
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

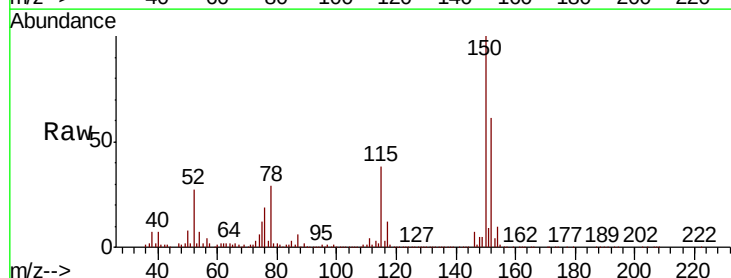
Tgt Ion:152 Resp: 151741

Ion Ratio Lower Upper

152 100

115 60.8 29.8 89.3

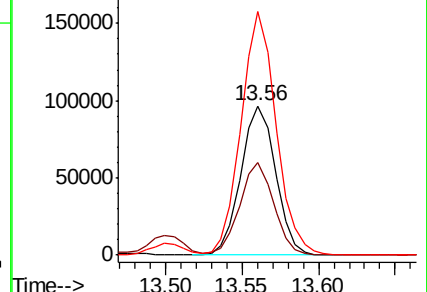
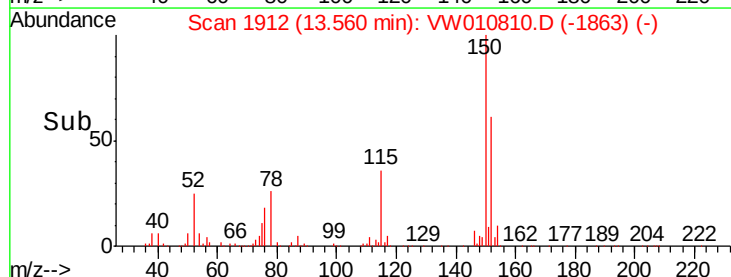
150 164.9 0.0 345.0

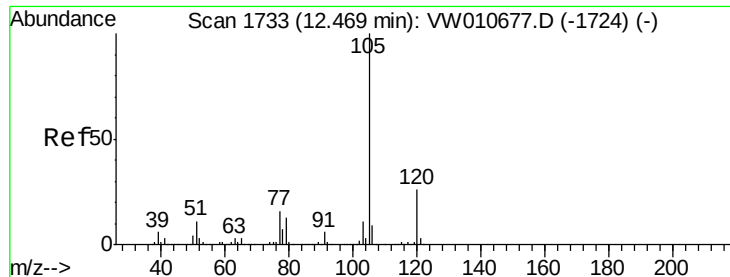


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.684 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

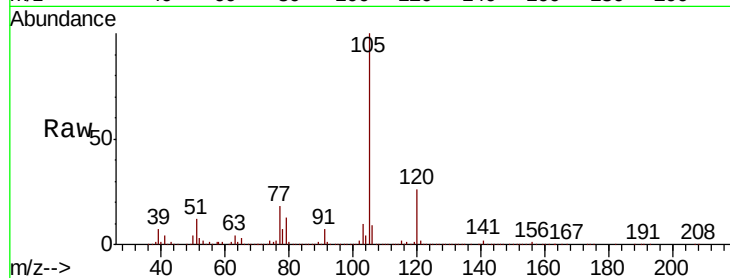
VW0614SBS01

Tot Ion:105 Resp: 270062

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

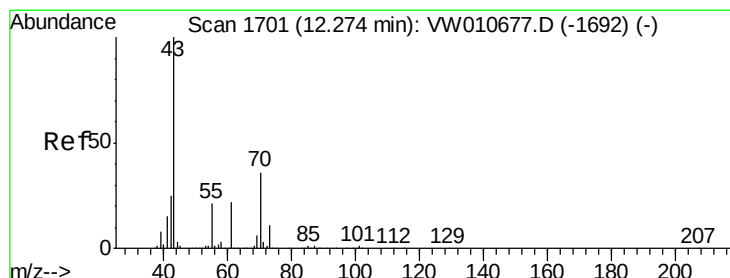
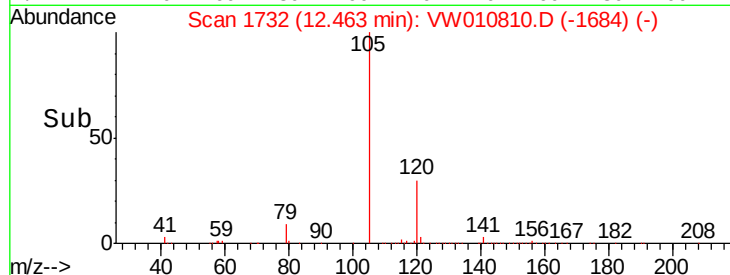
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 25.747 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Tgt Ion: 43 Resp: 94884

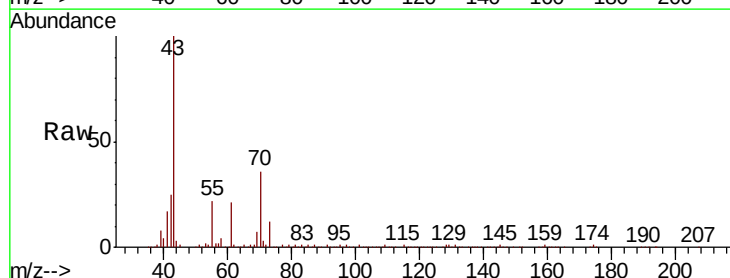
Ion Ratio Lower Upper

43 100

70 35.2 29.2 43.8

55 22.1 17.5 26.3

61 21.0 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

100000

80000

60000

40000

20000

0

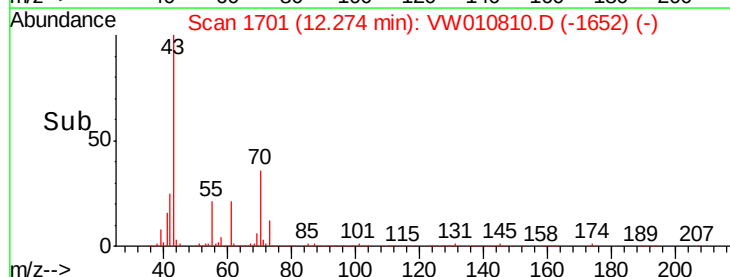
12.27

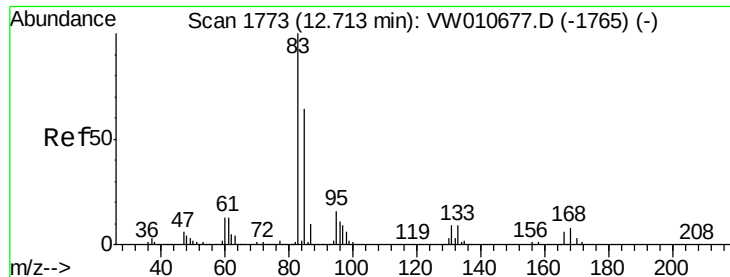
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 24.002 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

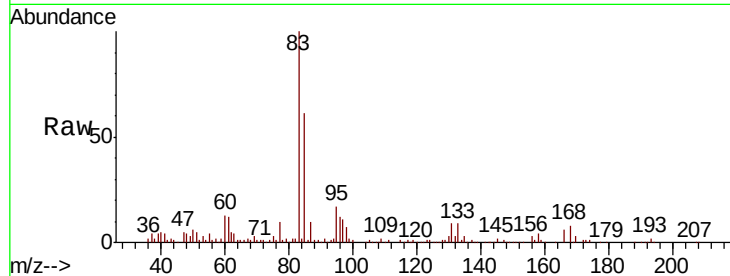
Tot Ion: 83 Resp: 52103

Ion Ratio Lower Upper

83 100

131 9.1 4.9 14.7

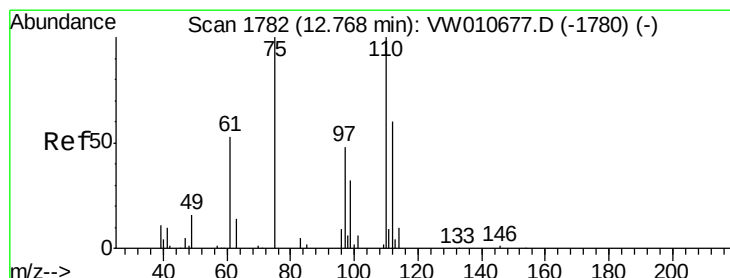
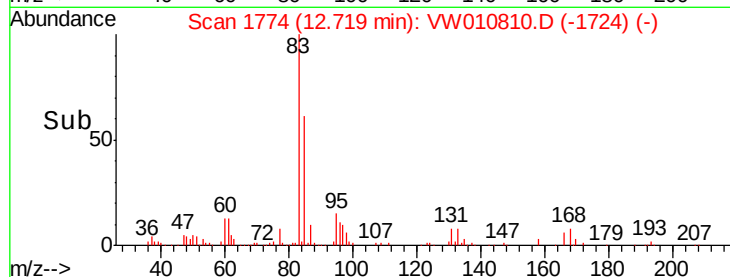
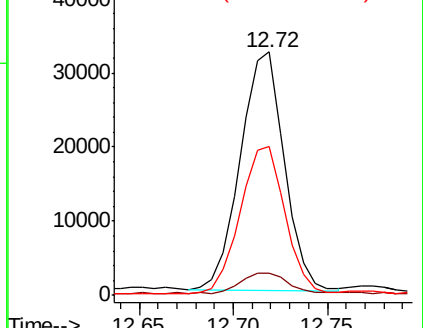
85 63.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 43.210 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010810.D

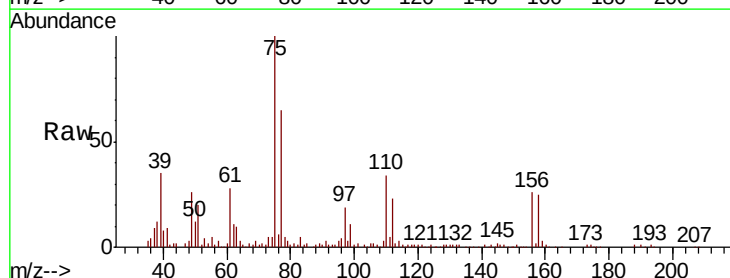
Acq: 14 Jun 2019 13:22

Tgt Ion: 75 Resp: 68854

Ion Ratio Lower Upper

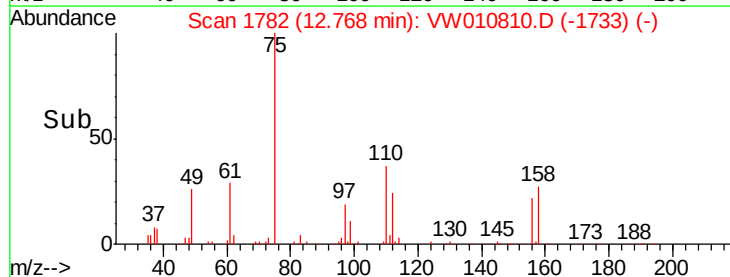
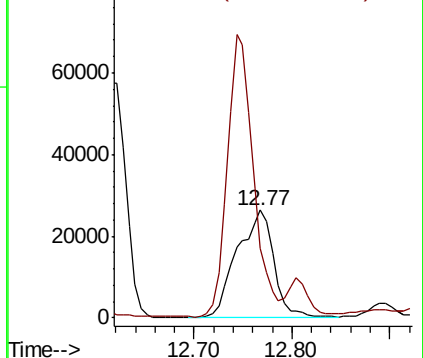
75 100

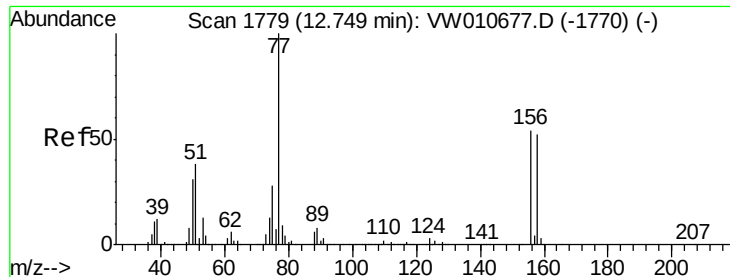
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 23.504 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

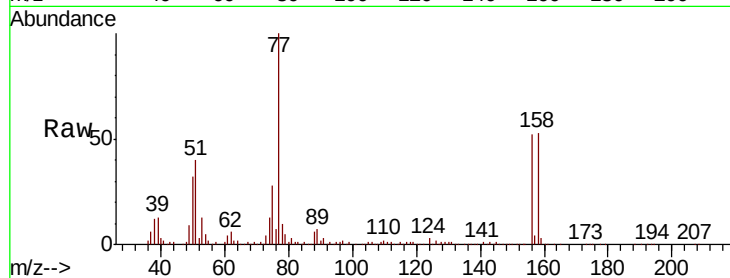
Tot Ion:156 Resp: 58503

Ion Ratio Lower Upper

156 100

77 217.2 106.5 319.4

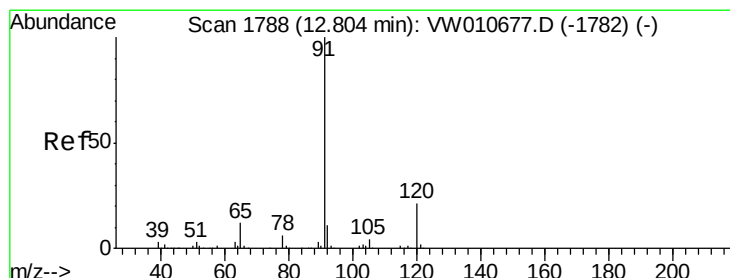
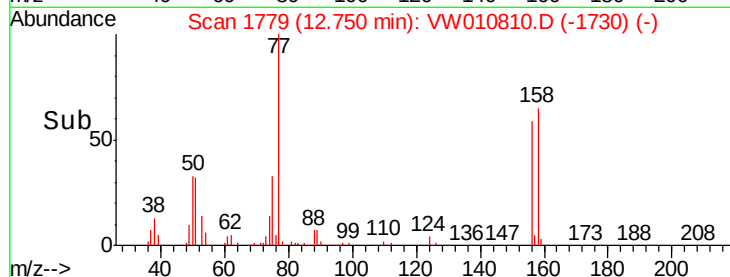
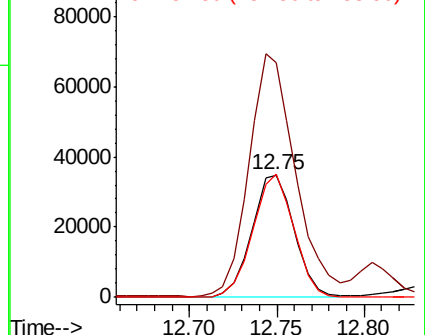
158 98.1 48.3 144.9



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: 23.508 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010810.D

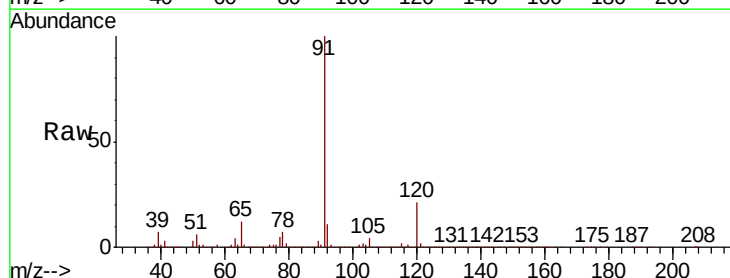
Acq: 14 Jun 2019 13:22

Tgt Ion: 91 Resp: 323226

Ion Ratio Lower Upper

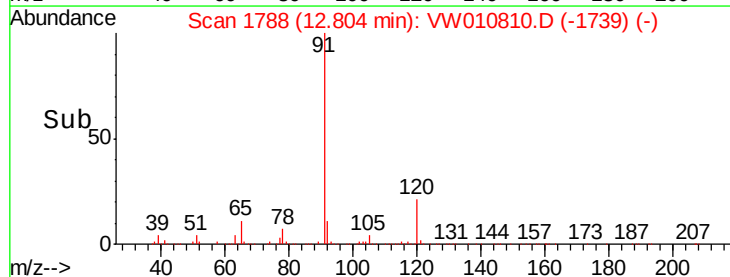
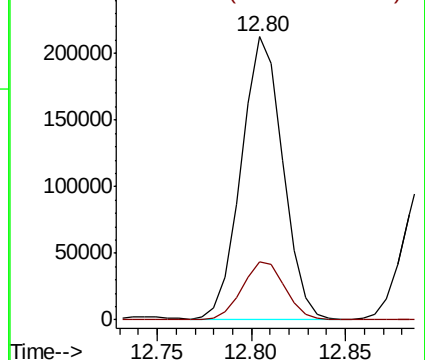
91 100

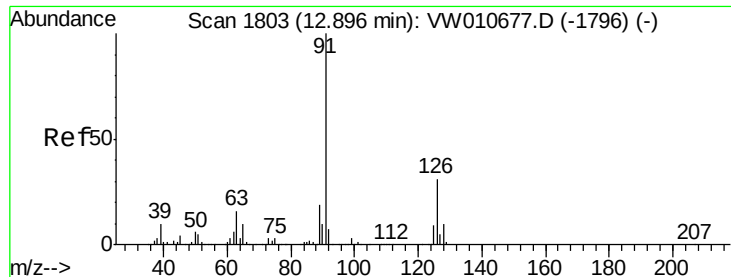
120 21.2 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.643 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

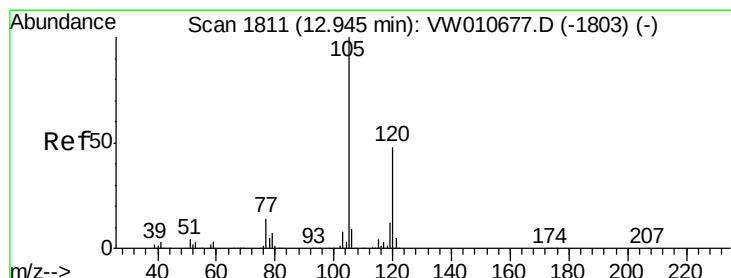
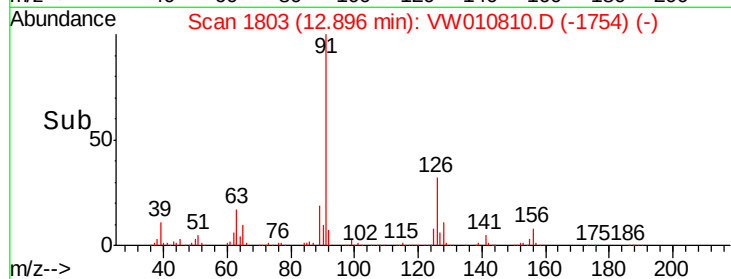
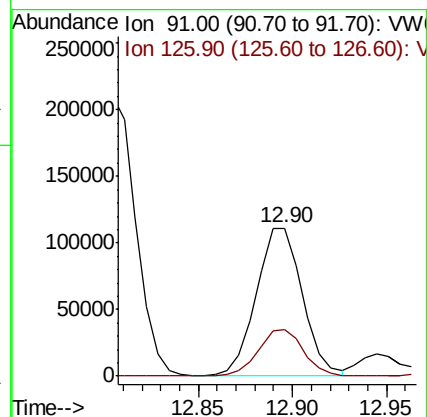
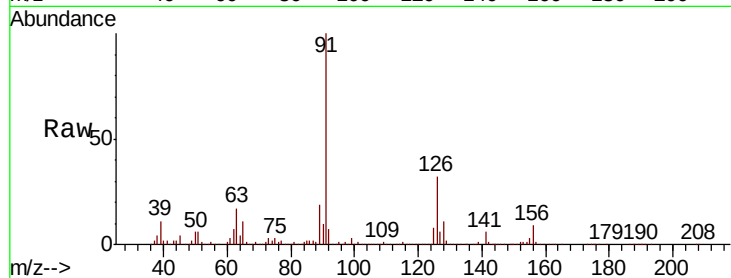
VW0614SBSD01

Tot Ion: 91 Resp: 185723

Ion Ratio Lower Upper

91 100

126 32.0 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 23.699 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010810.D

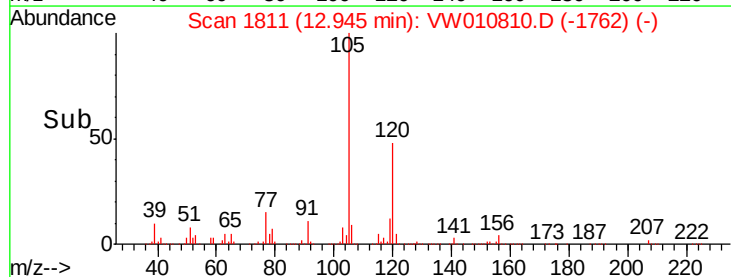
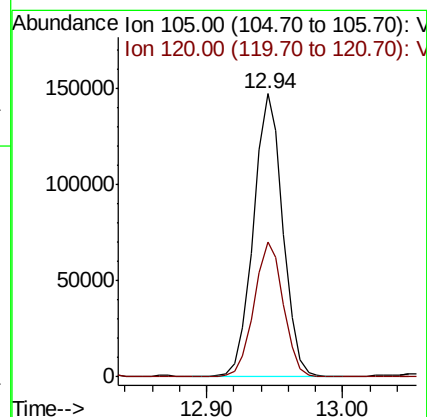
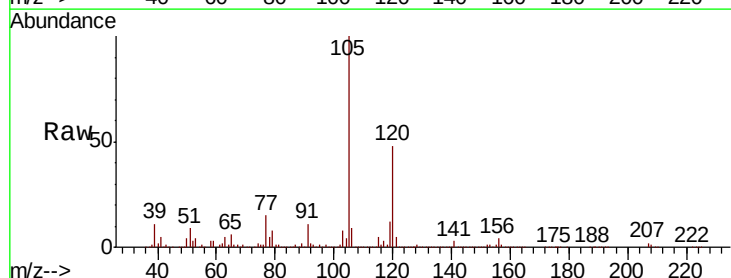
Acq: 14 Jun 2019 13:22

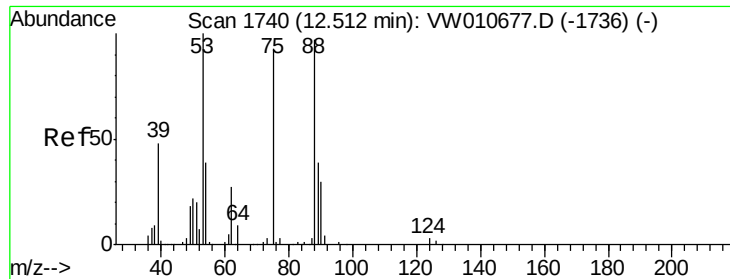
Tgt Ion:105 Resp: 221189

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 23.162 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

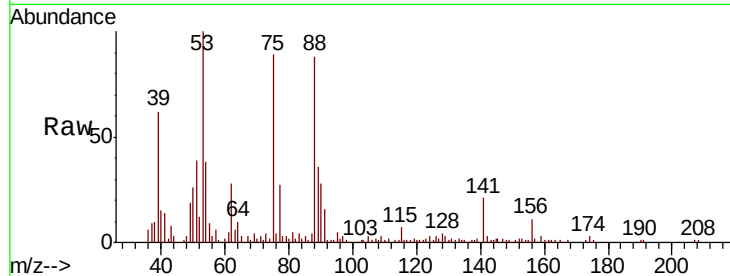
Tot Ion: 75 Resp: 16059

Ion Ratio Lower Upper

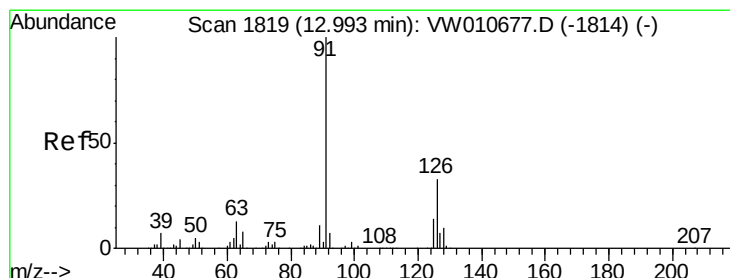
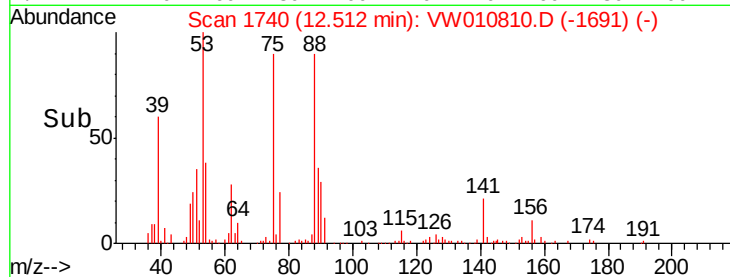
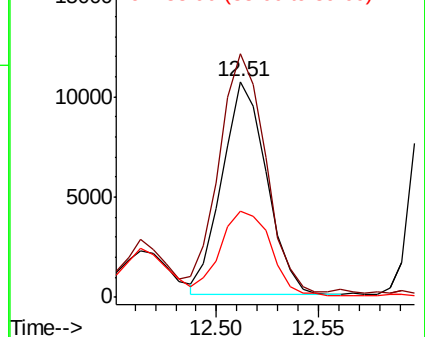
75 100

53 116.7 90.1 135.1

89 47.5 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 23.047 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW010810.D

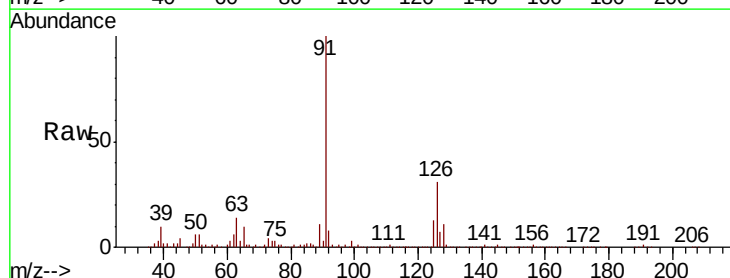
Acq: 14 Jun 2019 13:22

Tgt Ion: 91 Resp: 186824

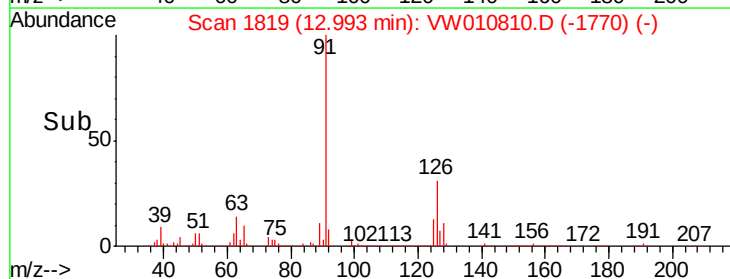
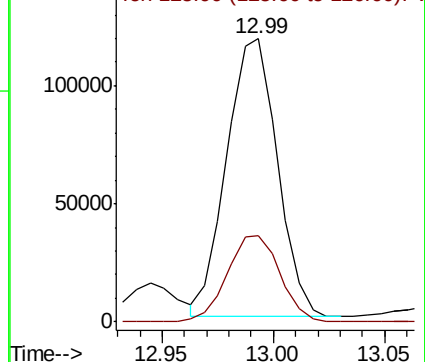
Ion Ratio Lower Upper

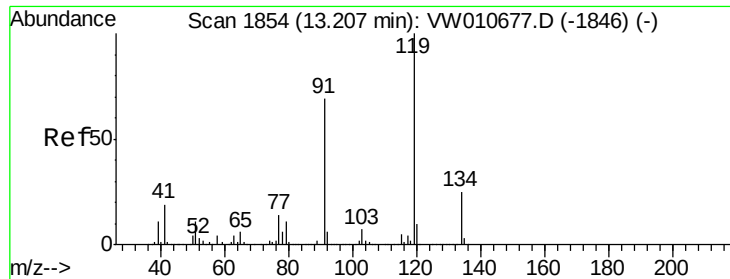
91 100

126 32.4 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

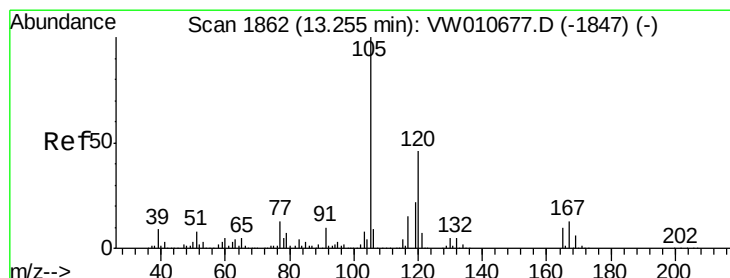
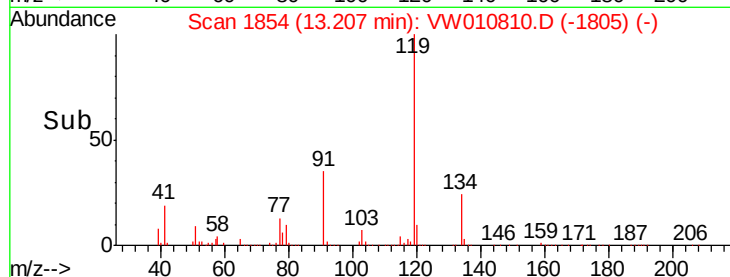
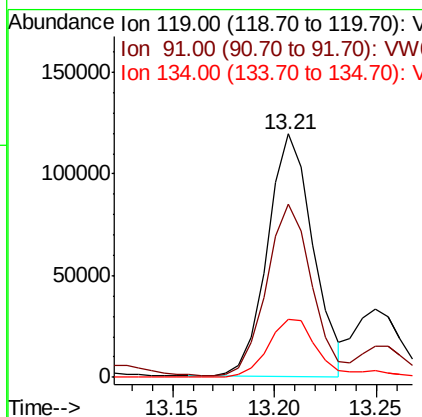
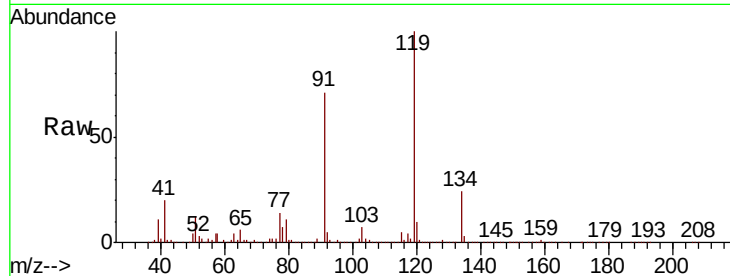




#83
 tert-Butylbenzene
 Concen: 23.440 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

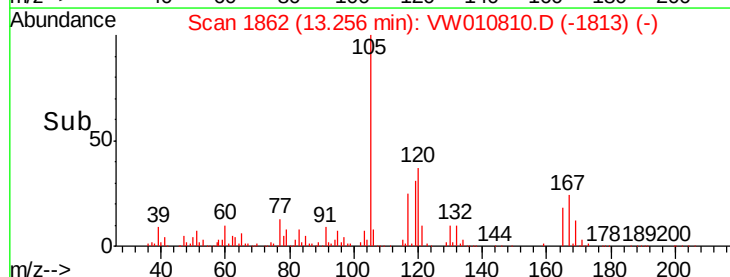
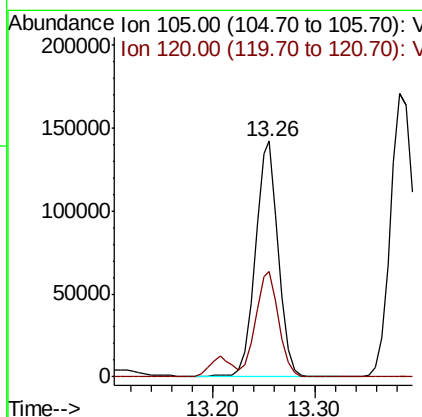
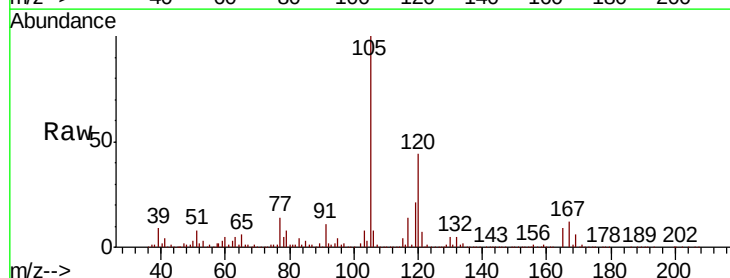
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

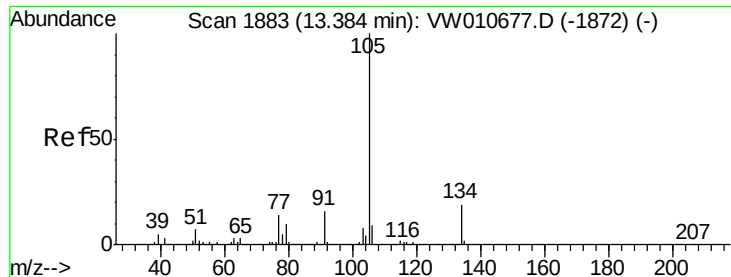
Tot Ion:119 Resp: 185671
 Ion Ratio Lower Upper
 119 100
 91 70.4 35.1 105.3
 134 27.1 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 23.515 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion:105 Resp: 220855
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5

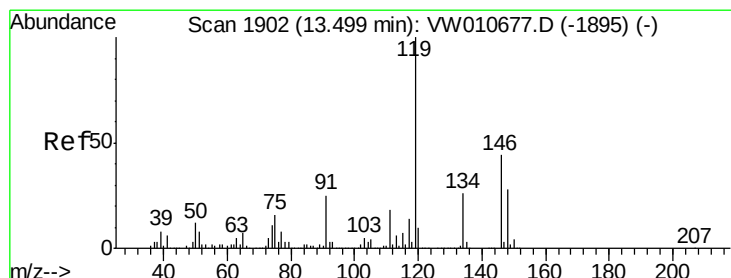
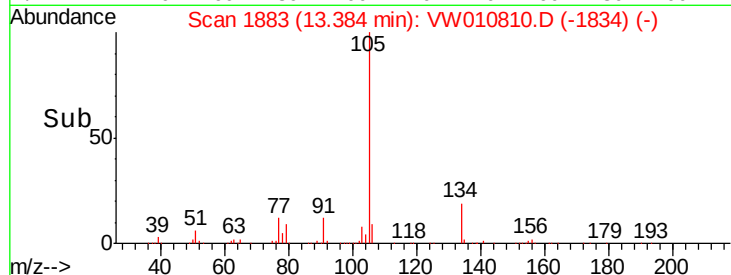
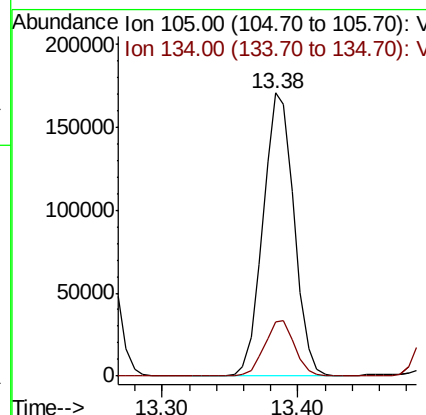
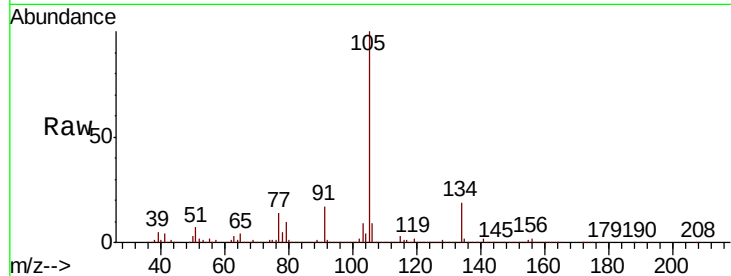




#85
 sec-Butylbenzene
 Concen: 23.547 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

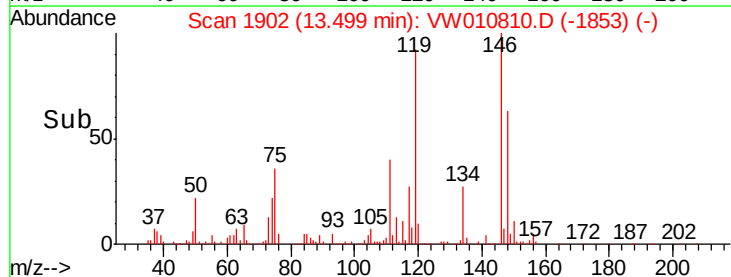
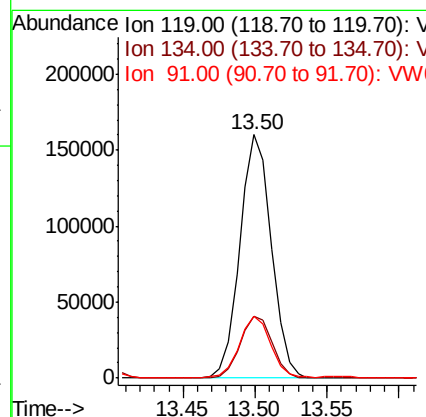
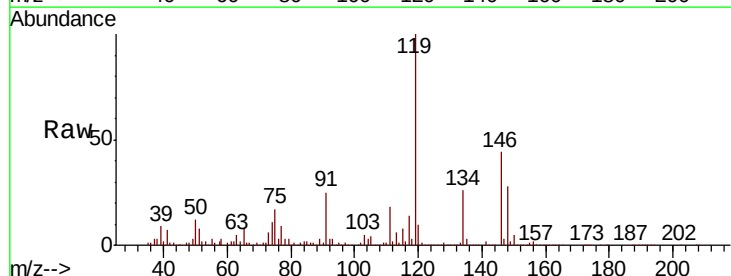
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

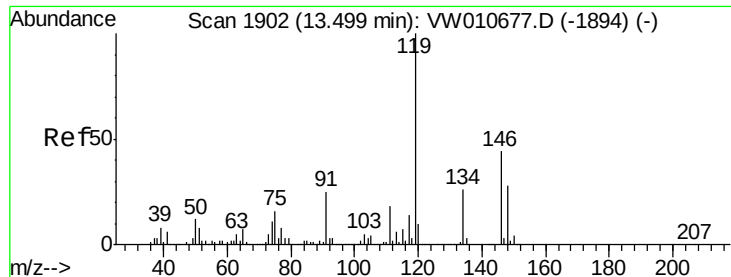
Tot Ion:105 Resp: 271561
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 23.480 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion:119 Resp: 242153
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.8 12.2 36.4

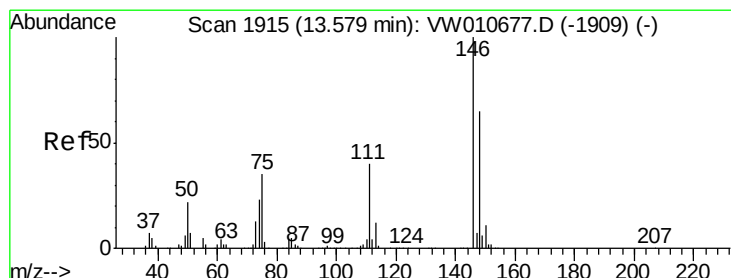
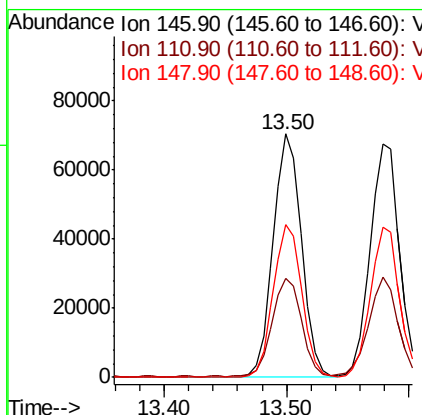
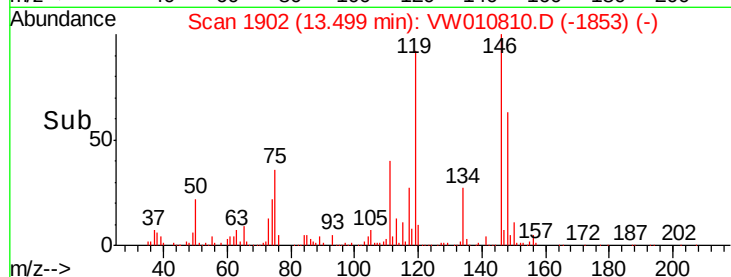
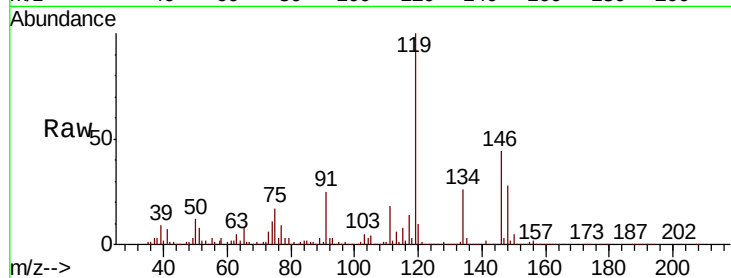




#87
 1,3-Dichlorobenzene
 Concen: 23.624 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

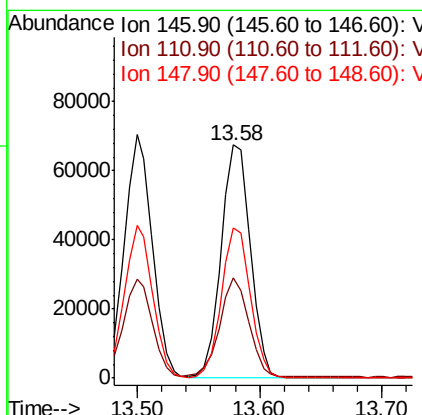
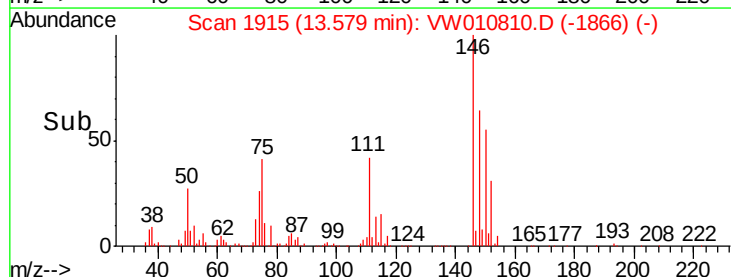
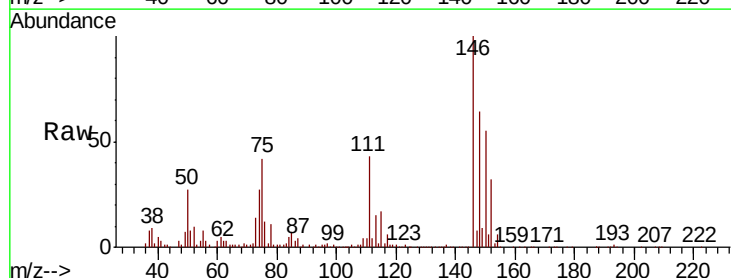
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

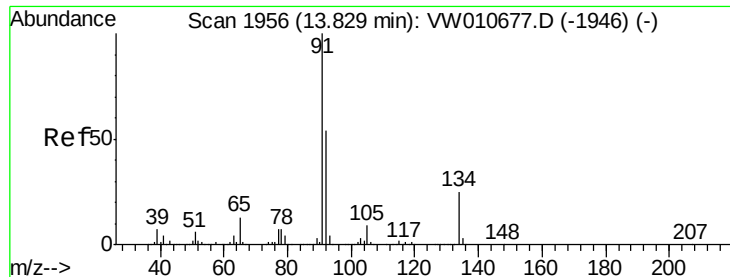
Tot Ion:146 Resp: 113395
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.4 61.3
 148 63.4 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 23.612 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion:146 Resp: 112360
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.3 60.9
 148 63.1 32.4 97.2





#89

n-Butylbenzene

Concen: 23.707 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

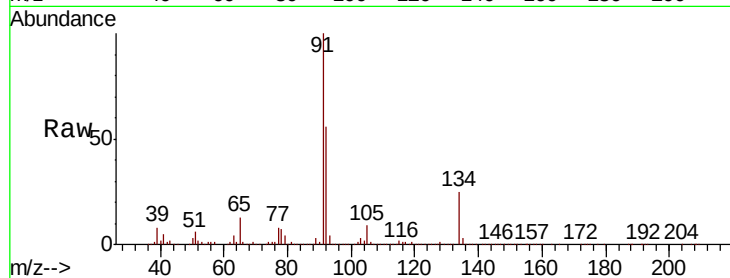
MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion: 91 Resp: 243947

Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.8
134	24.6	12.3	36.9

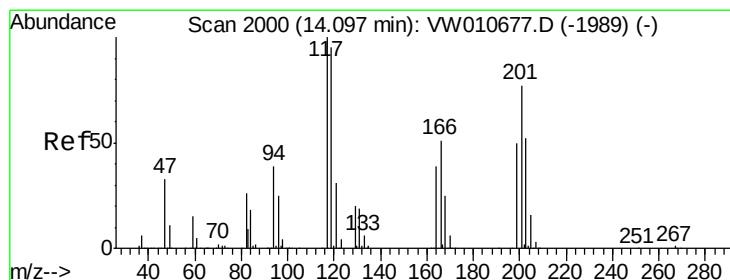
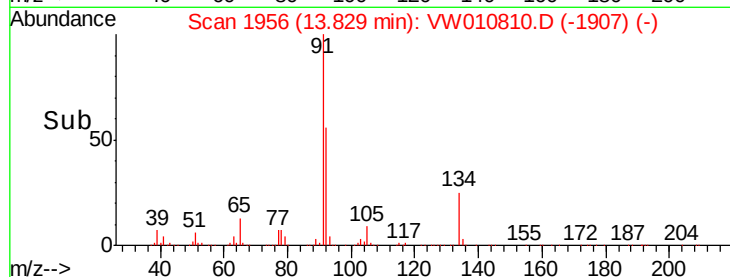
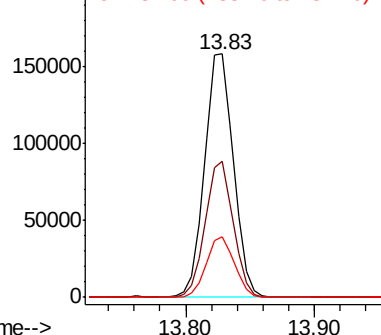


Abundance

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: 23.125 ug/l

RT: 14.10 min Scan# 2000

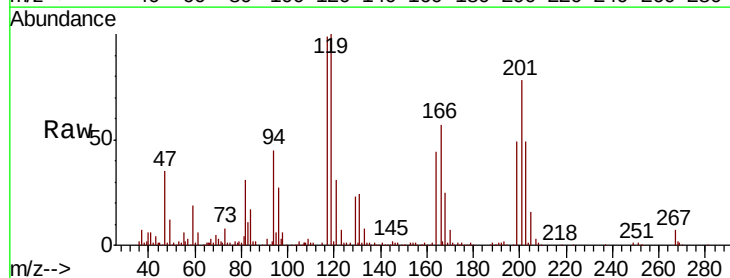
Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Tgt Ion: 117 Resp: 42711

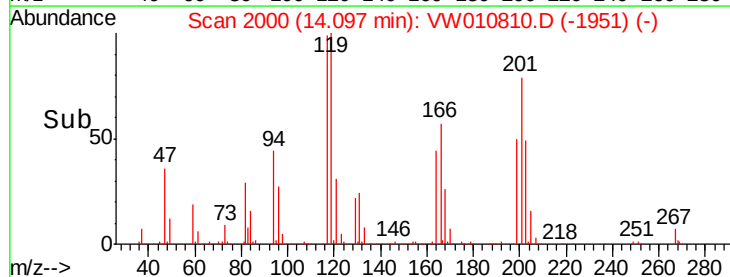
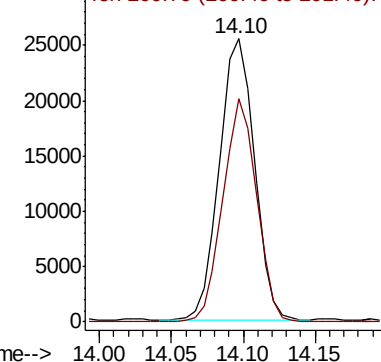
Ion	Ratio	Lower	Upper
117	100		
201	76.5	38.8	116.4

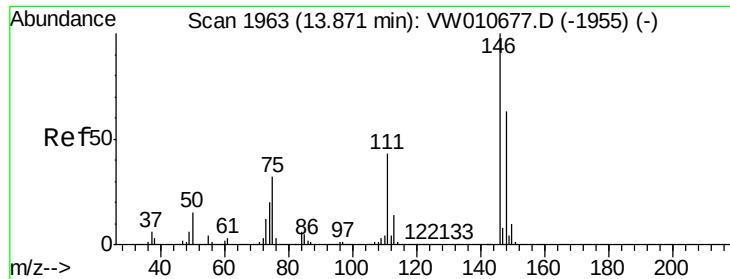


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

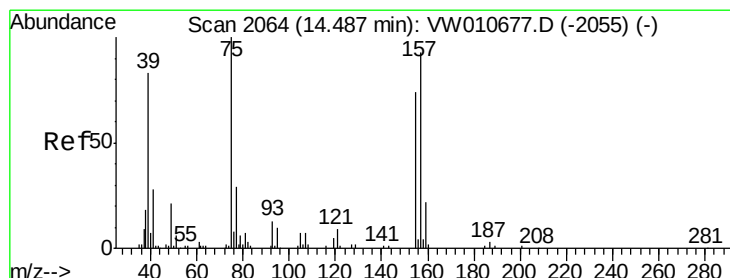
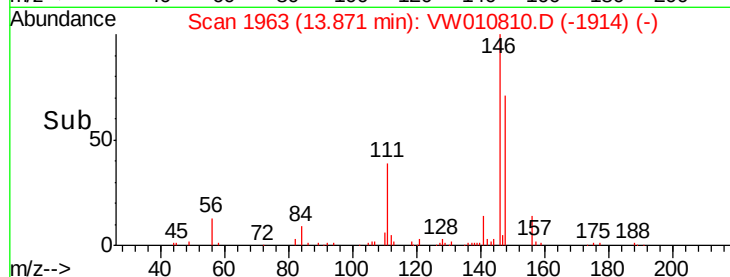
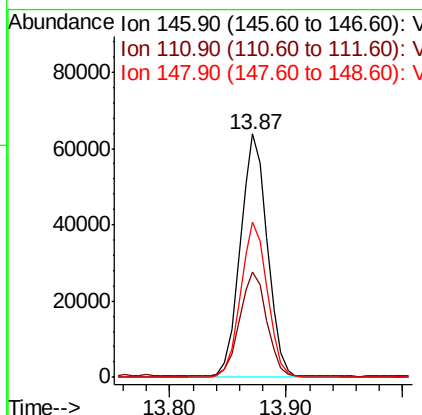
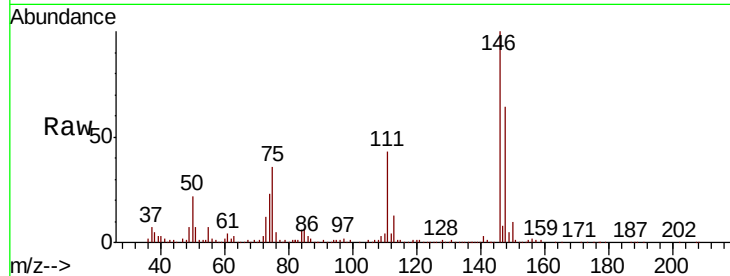




#91
 1,2-Dichlorobenzene
 Concen: 23.792 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

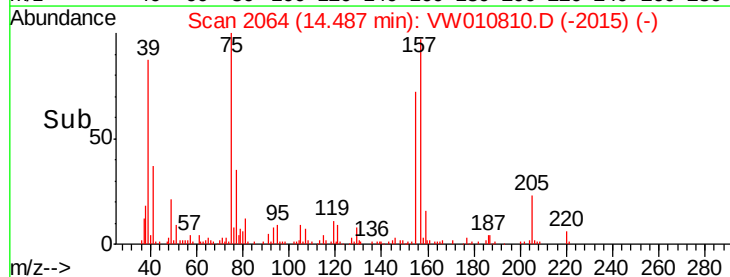
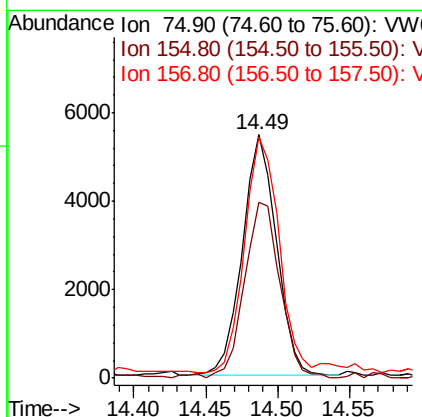
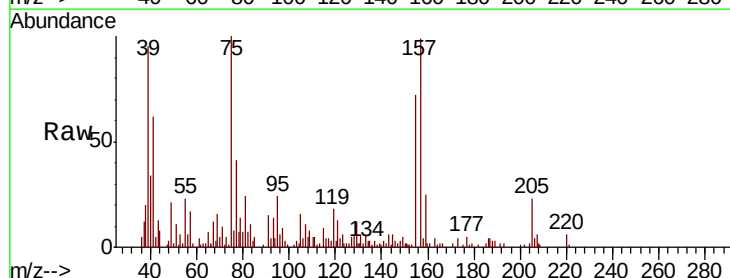
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

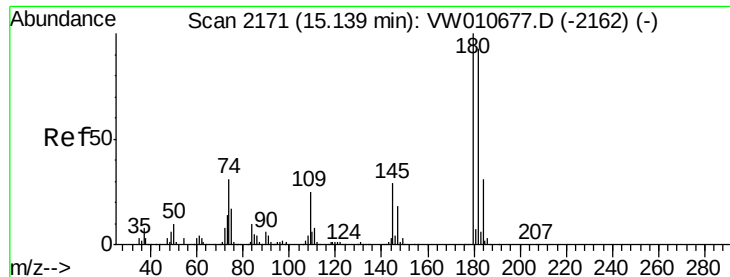
Tot Ion:146 Resp: 102702
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.5 64.5
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.074 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion: 75 Resp: 8974
 Ion Ratio Lower Upper
 75 100
 155 75.4 38.8 116.4
 157 98.8 48.4 145.0

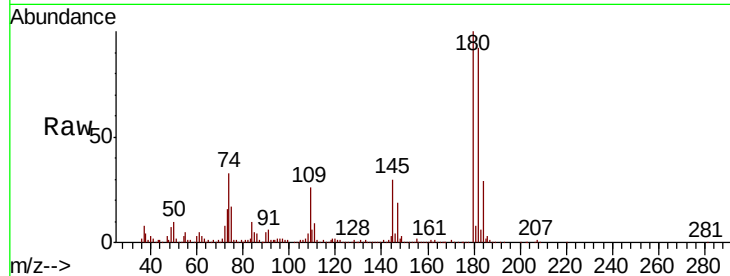




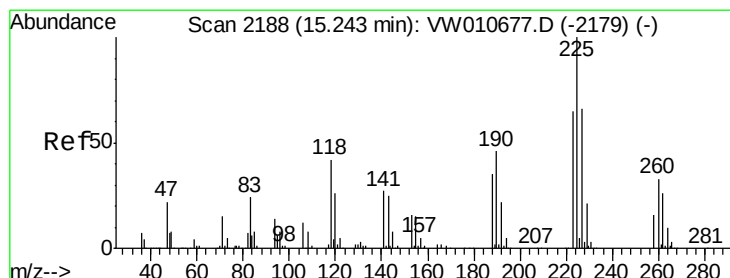
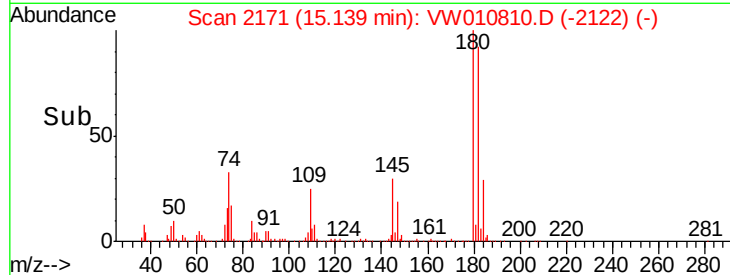
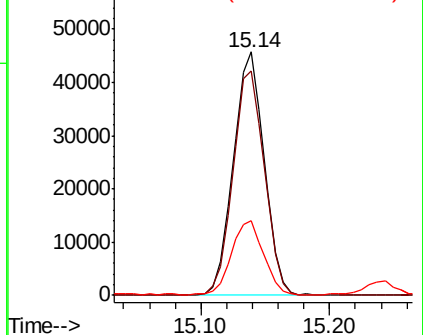
#93
 1,2,4-Trichlorobenzene
 Concen: 25.127 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion:180 Resp: 76114
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.1 141.4
 145 31.2 15.2 45.5

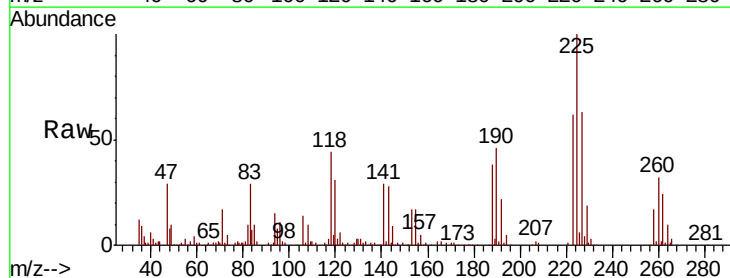


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

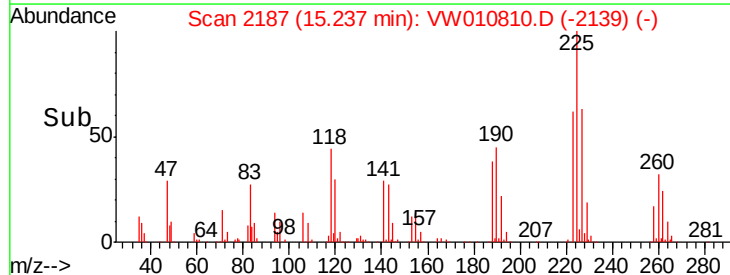
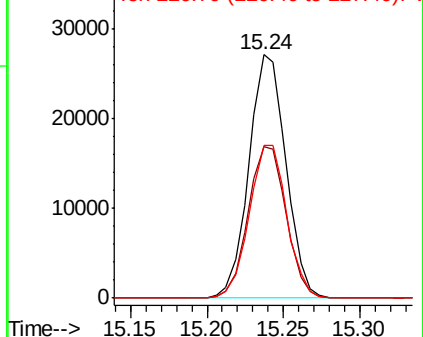


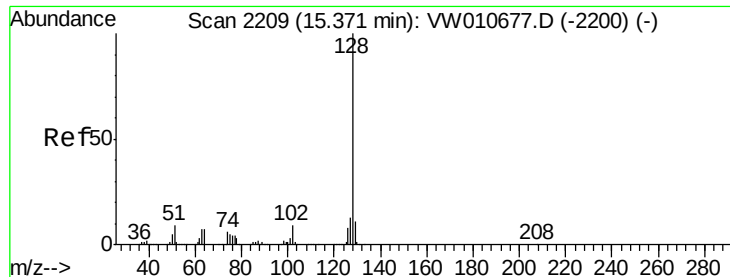
#94
 Hexachlorobutadiene
 Concen: 24.104 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion:225 Resp: 45825
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.2 96.6
 227 63.5 32.0 96.0



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

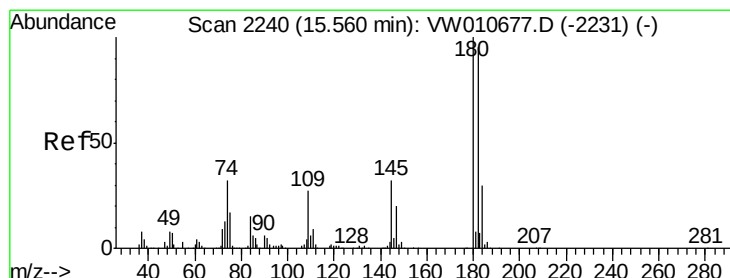
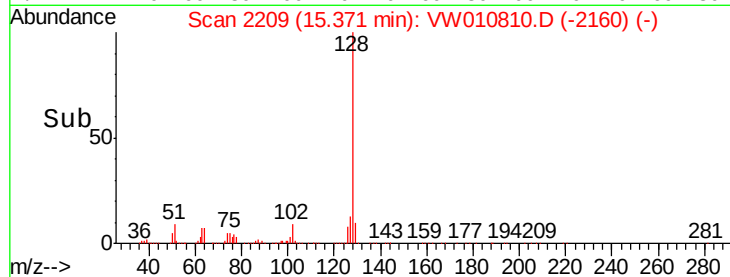
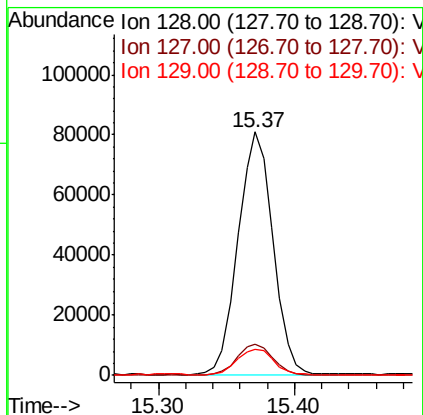
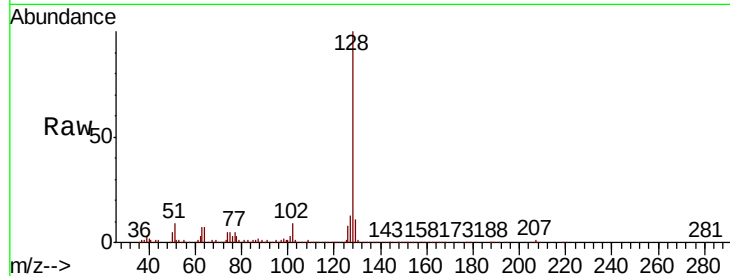




#95
Naphthalene
Concen: 26.137 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion:128 Resp: 143851
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 25.721 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion:180 Resp: 66261
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 33.3 16.1 48.3

