

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
 Data File : VW010812.D
 Acq On : 14 Jun 2019 14:15
 Operator : SY/VA
 Sample : VW0614SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Quant Time: Jun 14 15:56:11 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	235045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140502	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	7.88	113	109855	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.32	98	460734	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	170710	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	45349	20.878	ug/l	99
3) Chloromethane	2.21	50	67374	21.083	ug/l	99
4) Vinyl Chloride	2.35	62	59706	20.222	ug/l	99
5) Bromomethane	2.75	94	32507	20.049	ug/l	95
6) Chloroethane	2.90	64	35747	20.170	ug/l	96
7) Trichlorofluoromethane	3.25	101	82553	21.539	ug/l	94
8) Diethyl Ether	3.68	74	27657	20.193	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	51153	21.709	ug/l	100
10) Methyl Iodide	4.26	142	42443	20.606	ug/l	98
11) Tert butyl alcohol	5.17	59	30983	137.276	ug/l	95
12) 1,1-Dichloroethene	4.03	96	47722	20.995	ug/l	94
13) Acrolein	3.90	56	6249	67.756	ug/l	97
14) Allyl chloride	4.67	41	110535	22.054	ug/l	99
15) Acrylonitrile	5.37	53	68969	103.650	ug/l	100
16) Acetone	4.12	43	77800	104.806	ug/l	98
17) Carbon Disulfide	4.37	76	141004	19.541	ug/l	99
18) Methyl Acetate	4.67	43	35791	22.398	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	138472	21.122	ug/l	100
20) Methylene Chloride	4.91	84	58818	22.586	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	54528	21.132	ug/l	96
22) Diisopropyl ether	6.31	45	220102	21.936	ug/l	99
23) Vinyl Acetate	6.26	43	642923	106.172	ug/l	99
24) 1,1-Dichloroethane	6.21	63	110263	21.928	ug/l	98
25) 2-Butanone	7.17	43	110970	107.807	ug/l	98
26) 2,2-Dichloropropane	7.17	77	95405	23.316	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	61728	21.737	ug/l	96
28) Bromochloromethane	7.51	49	44883	20.001	ug/l	96
29) Tetrahydrofuran	7.53	42	65865	101.731	ug/l	98
30) Chloroform	7.68	83	100134	21.771	ug/l	99
31) Cyclohexane	7.95	56	117015	20.934	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	88480	22.022	ug/l	100
36) 1,1-Dichloropropene	8.08	75	85372	21.892	ug/l	100
37) Ethyl Acetate	7.25	43	45946	21.262	ug/l	100
38) Carbon Tetrachloride	8.07	117	74042	21.994	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
 Data File : VW010812.D
 Acq On : 14 Jun 2019 14:15
 Operator : SY/VA
 Sample : VW0614SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Quant Time: Jun 14 15:56:11 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	104641	21.108	ug/l	98
40) Benzene	8.32	78	230261	21.644	ug/l	99
41) Methacrylonitrile	7.48	41	26175	20.378	ug/l	97
42) 1,2-Dichloroethane	8.40	62	74263	21.994	ug/l	100
43) Isopropyl Acetate	8.43	43	88520	21.203	ug/l	99
44) Trichloroethene	9.09	130	56425	21.501	ug/l	100
45) 1,2-Dichloropropane	9.37	63	61616	21.880	ug/l	100
46) Dibromomethane	9.46	93	28103	21.485	ug/l	97
47) Bromodichloromethane	9.65	83	71889	21.202	ug/l	98
48) Methyl methacrylate	9.44	41	42225	20.977	ug/l	97
49) 1,4-Dioxane	9.45	88	7734	378.184	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	227263	106.556	ug/l	99
52) Toluene	10.39	92	140988	21.539	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	75989	21.159	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	91130	21.564	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39860	21.153	ug/l	98
56) Ethyl methacrylate	10.65	69	60717	20.940	ug/l	96
57) 1,3-Dichloropropane	10.93	76	75476	21.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	166043	109.332	ug/l	99
59) 2-Hexanone	10.97	43	164775	106.898	ug/l	98
60) Dibromochloromethane	11.13	129	42771	20.476	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37335	20.912	ug/l	99
64) Tetrachloroethene	10.86	164	46154	20.685	ug/l	95
65) Chlorobenzene	11.66	112	143040	21.644	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49559	21.663	ug/l	99
67) Ethyl Benzene	11.73	91	277756	21.869	ug/l	99
68) m/p-Xylenes	11.84	106	198339	43.624	ug/l	99
69) o-Xylene	12.16	106	92619	21.479	ug/l	96
70) Styrene	12.18	104	162396	21.680	ug/l	99
71) Bromoform	12.35	173	23326	19.715	ug/l #	99
73) Isopropylbenzene	12.47	105	264047	21.326	ug/l	99
74) N-amyl acetate	12.27	43	84710	21.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47670	20.224	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63805	36.877	ug/l #	100
77) Bromobenzene	12.75	156	56069	20.746	ug/l	97
78) n-propylbenzene	12.80	91	322090	21.574	ug/l	100
79) 2-Chlorotoluene	12.90	91	182502	21.397	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	217848	21.496	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14740	19.580	ug/l	93
82) 4-Chlorotoluene	12.99	91	188466	21.412	ug/l	99
83) tert-Butylbenzene	13.21	119	185445	21.562	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	219687	21.542	ug/l	99
85) sec-Butylbenzene	13.38	105	265548	21.206	ug/l	99
86) p-Isopropyltoluene	13.50	119	238912	21.335	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	110792	21.258	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	109346	21.162	ug/l	99
89) n-Butylbenzene	13.83	91	245360	21.960	ug/l	99
90) Hexachloroethane	14.10	117	42354	21.120	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	98860	21.092	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8514	21.035	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
Data File : VW010812.D
Acq On : 14 Jun 2019 14:15
Operator : SY/VA
Sample : VW0614SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Quant Time: Jun 14 15:56:11 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

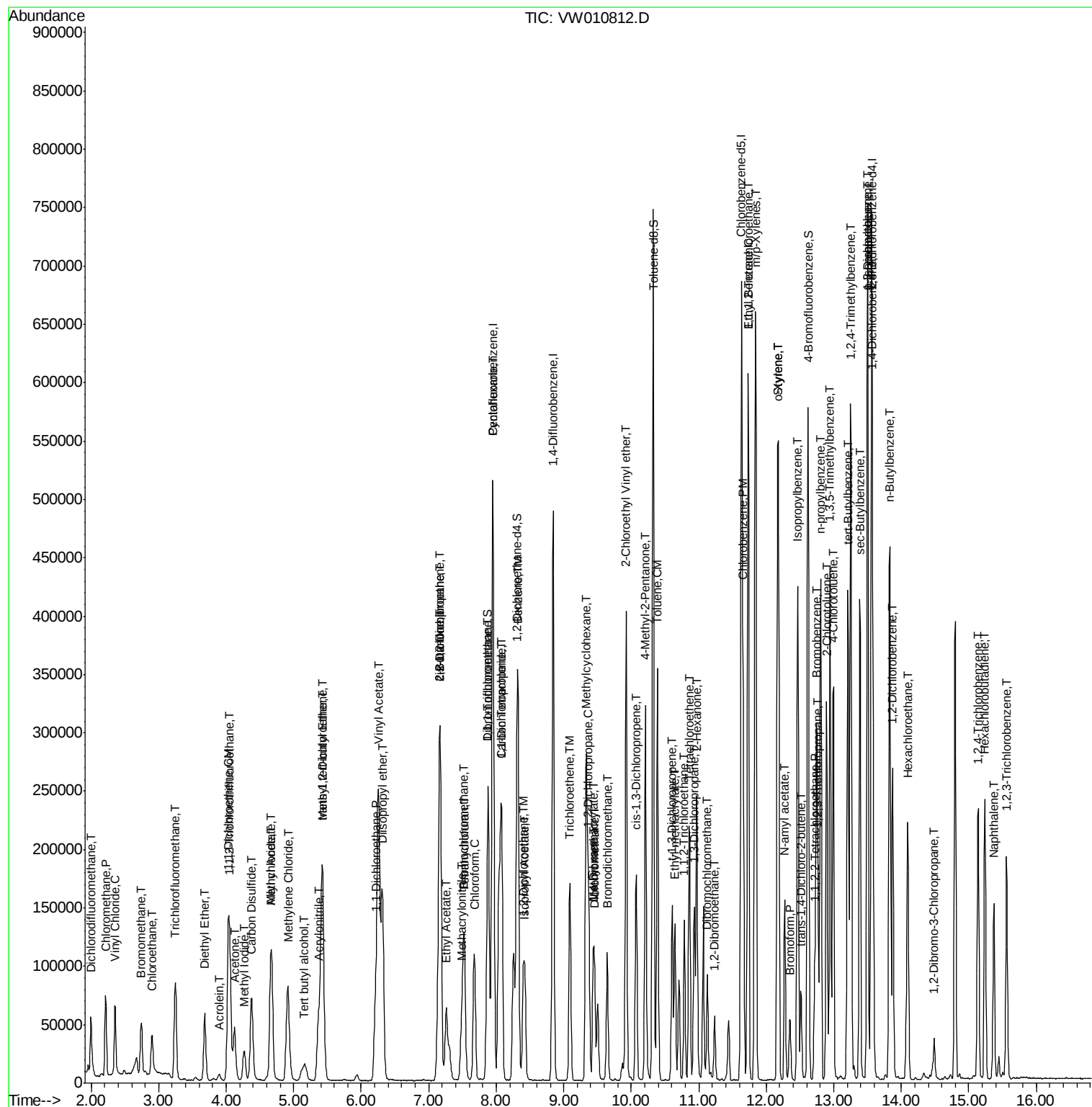
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	71184	21.642	ug/l	98
94) Hexachlorobutadiene	15.24	225	45999	22.283	ug/l	97
95) Naphthalene	15.37	128	123922	20.737	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61697	22.056	ug/l	99

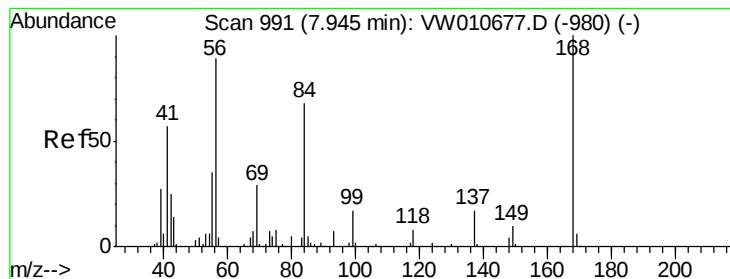
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
 Data File : VW010812.D
 Acq On : 14 Jun 2019 14:15
 Operator : SY/VA
 Sample : VW0614SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Quant Time: Jun 14 15:56:11 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: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

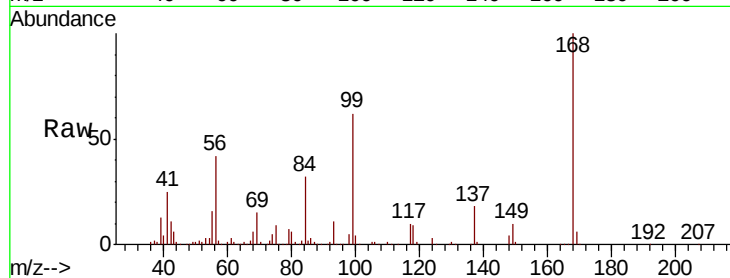
VW0614SBSD01

Tgt Ion:168 Resp: 235045

Ion Ratio Lower Upper

168 100

99 62.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

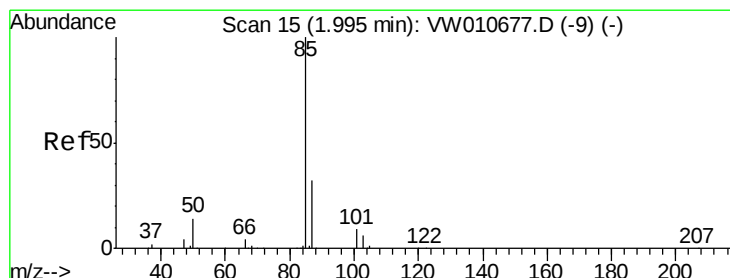
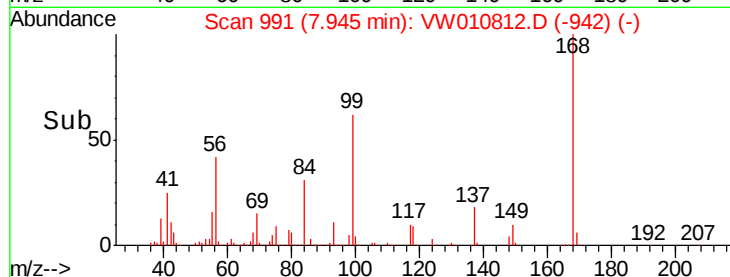
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.878 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010812.D

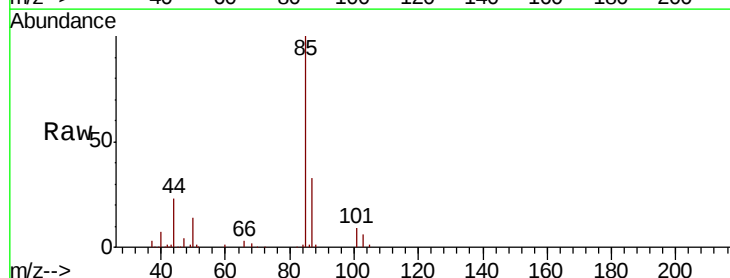
Acq: 14 Jun 2019 14:15

Tgt Ion: 85 Resp: 45349

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

15000

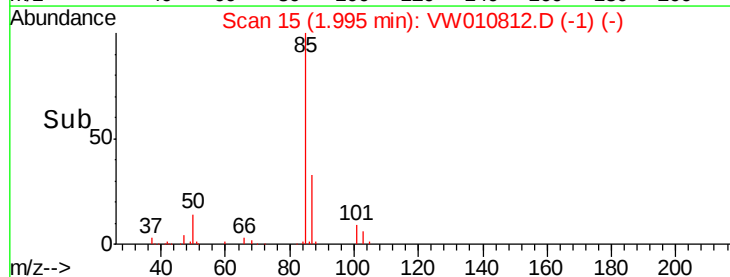
10000

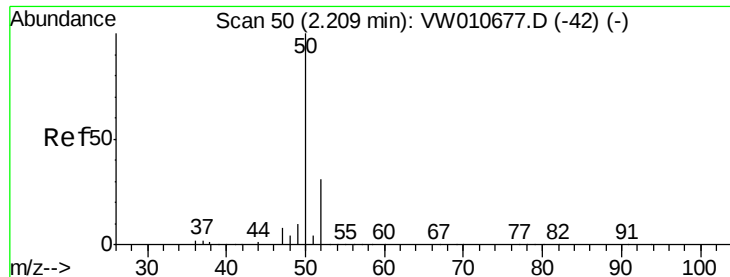
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 21.083 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

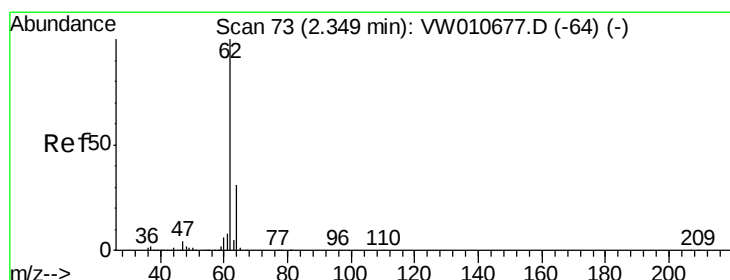
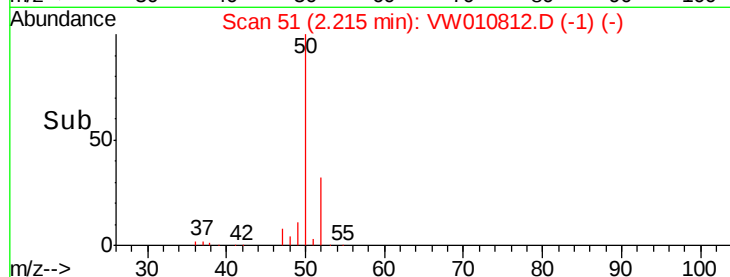
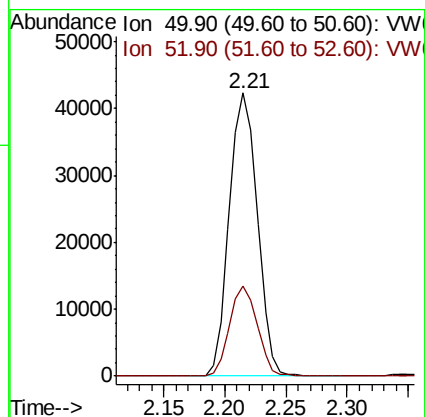
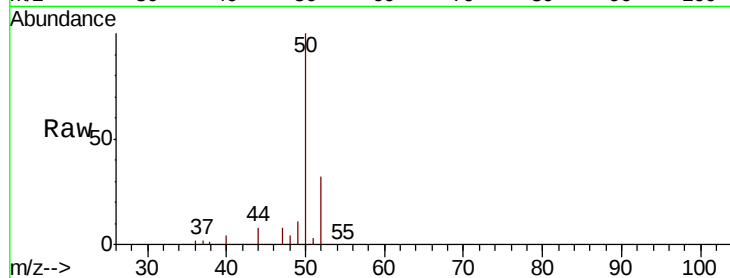
VW0614SBSD01

Tgt Ion: 50 Resp: 67374

Ion Ratio Lower Upper

50 100

52 31.8 25.2 37.8



#4

Vinyl Chloride

Concen: 20.222 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VW010812.D

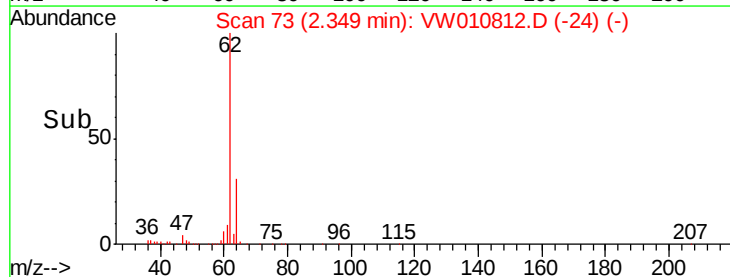
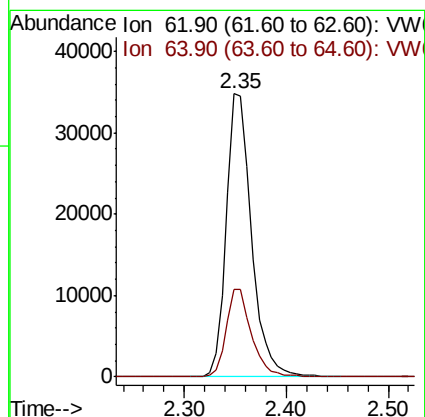
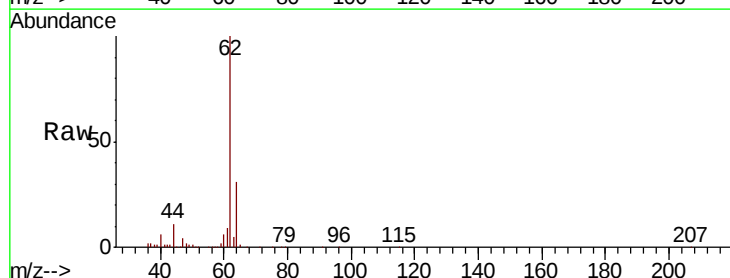
Acq: 14 Jun 2019 14:15

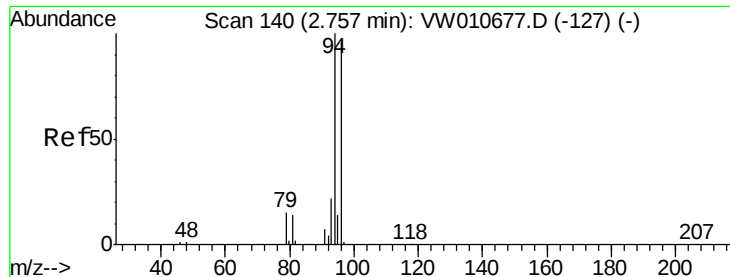
Tgt Ion: 62 Resp: 59706

Ion Ratio Lower Upper

62 100

64 31.0 24.5 36.7





#5

Bromomethane

Concen: 20.049 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

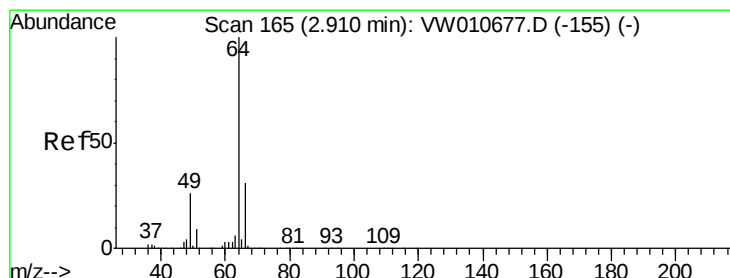
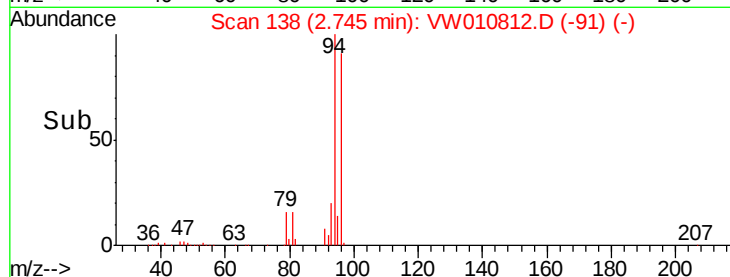
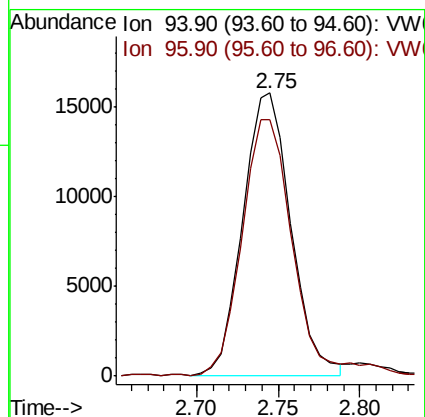
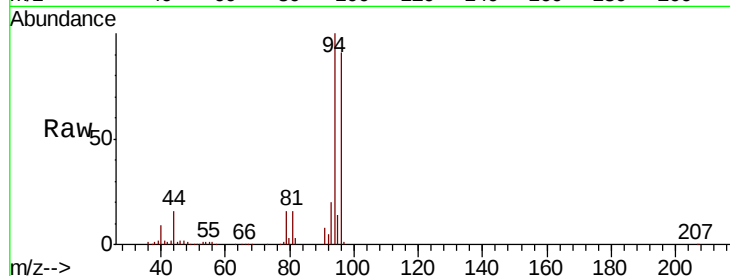
VW0614SBSD01

Tgt Ion: 94 Resp: 32507

Ion Ratio Lower Upper

94 100

96 90.3 76.5 114.7



#6

Chloroethane

Concen: 20.170 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010812.D

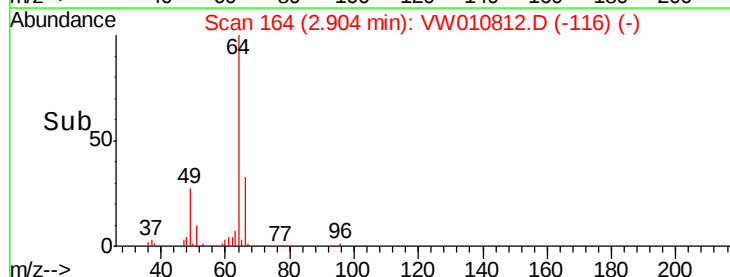
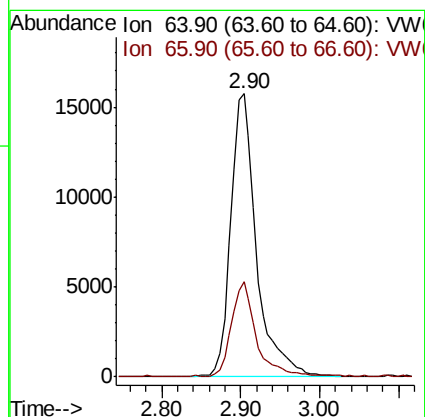
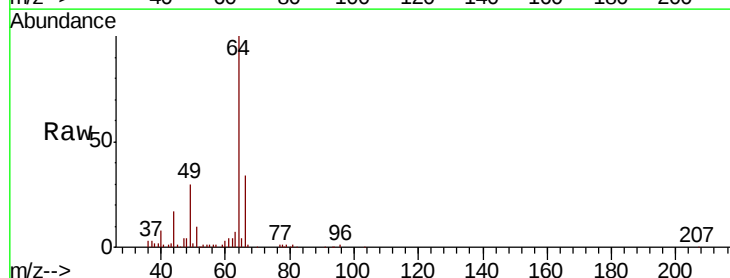
Acq: 14 Jun 2019 14:15

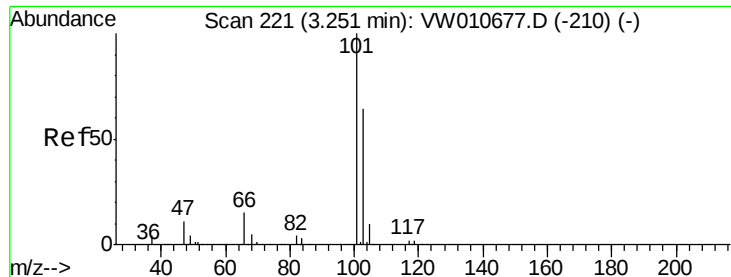
Tgt Ion: 64 Resp: 35747

Ion Ratio Lower Upper

64 100

66 33.7 25.1 37.7



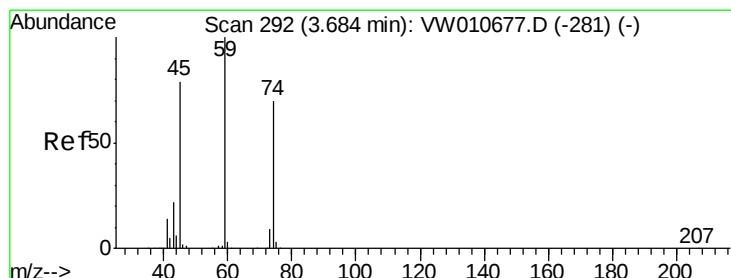
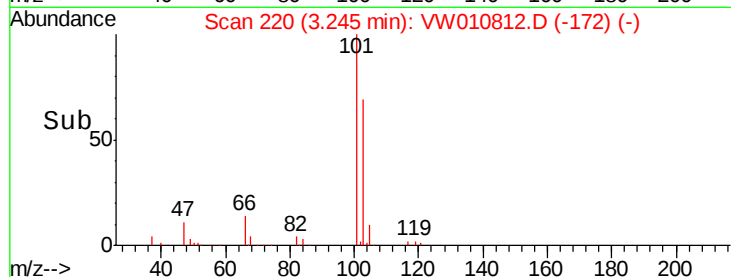
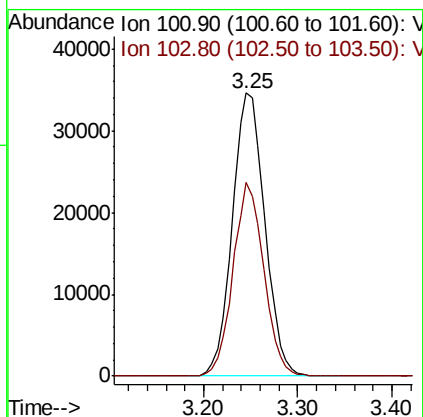
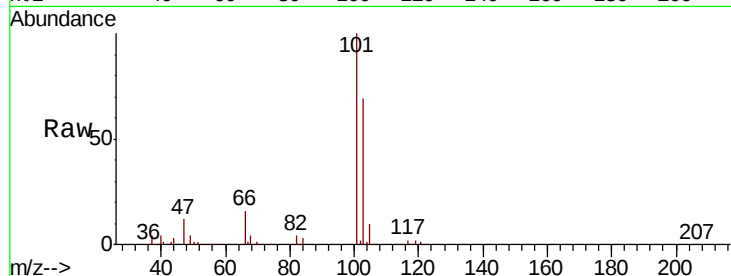


#7

Trichlorofluoromethane
 Concen: 21.539 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

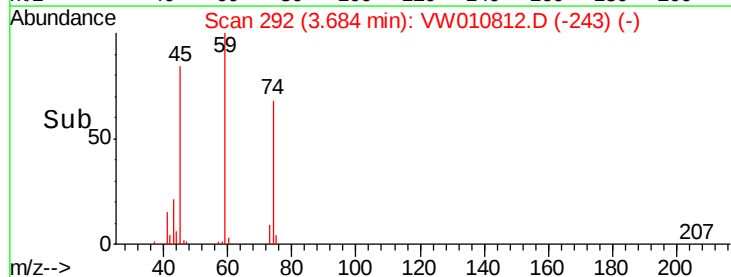
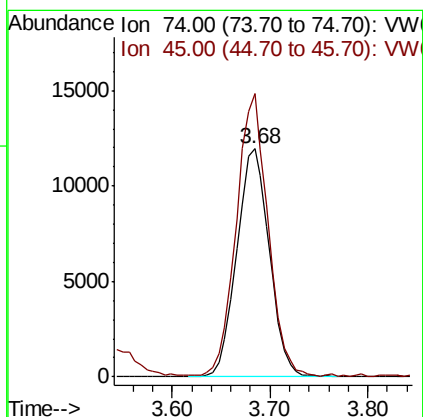
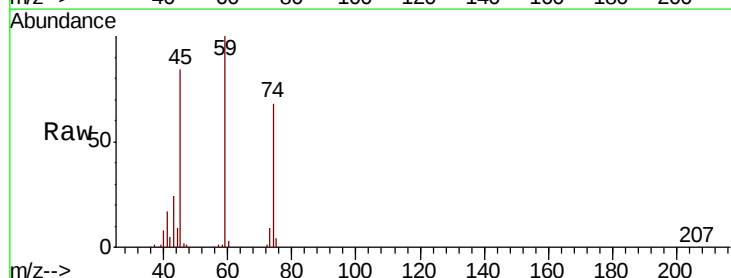
Tgt Ion:101 Resp: 82553
 Ion Ratio Lower Upper
 101 100
 103 68.7 51.2 76.8

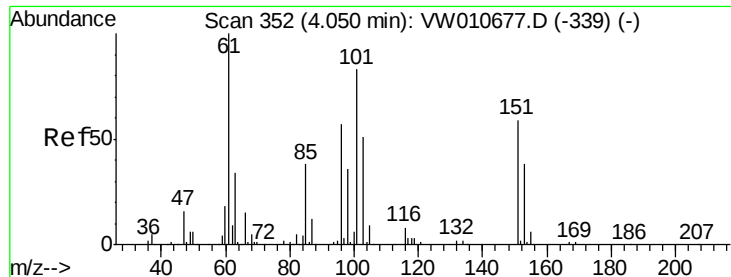


#8

Diethyl Ether
 Concen: 20.193 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion: 74 Resp: 27657
 Ion Ratio Lower Upper
 74 100
 45 121.3 56.9 170.7

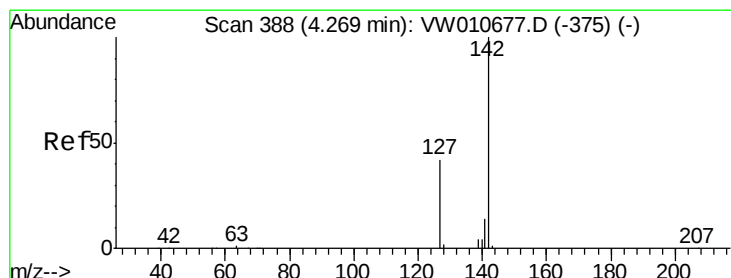
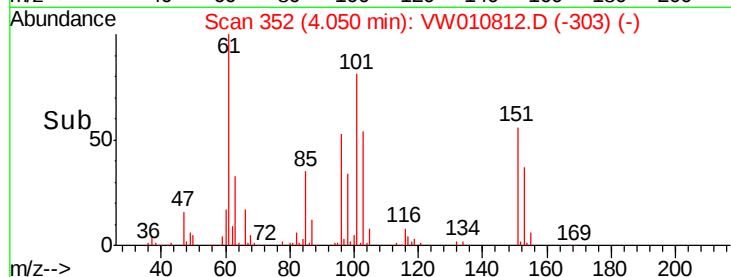
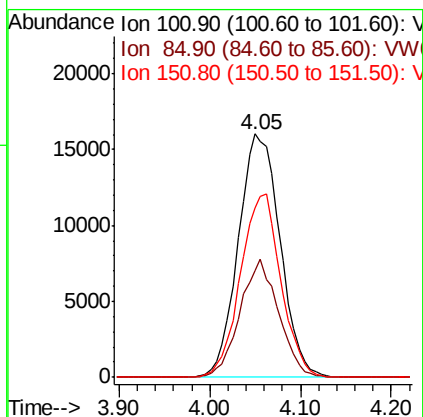
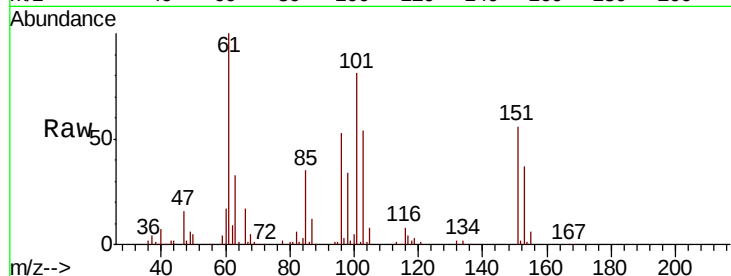




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.709 ug/l
 RT: 4.05 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

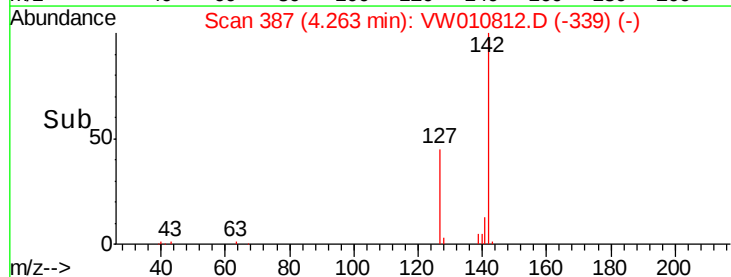
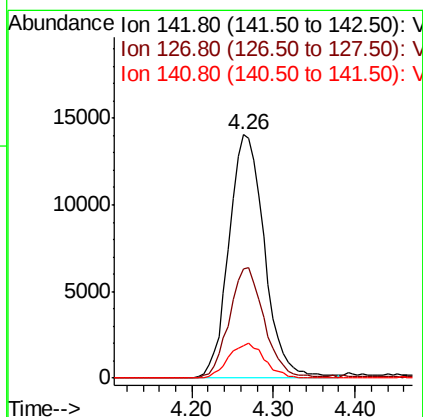
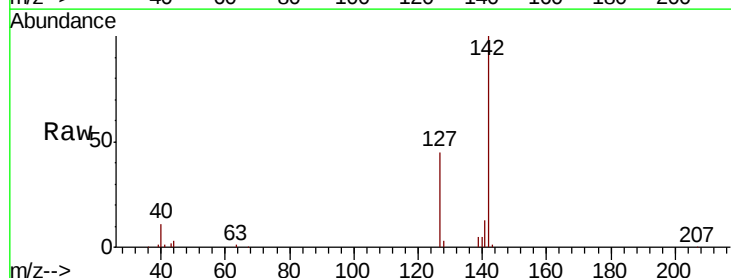
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

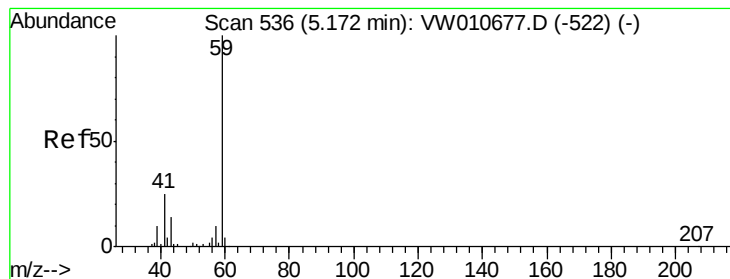
Tgt Ion:101 Resp: 51153
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.8 53.8
 151 72.7 58.1 87.1



#10
 Methyl Iodide
 Concen: 20.606 ug/l
 RT: 4.26 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion:142 Resp: 42443
 Ion Ratio Lower Upper
 142 100
 127 44.5 34.6 51.8
 141 14.5 11.6 17.4



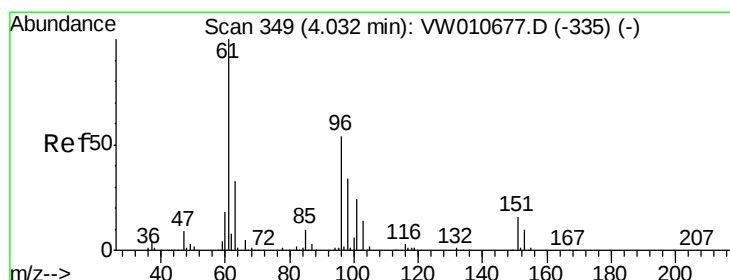
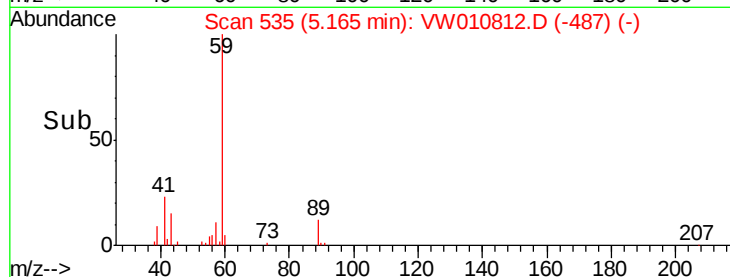
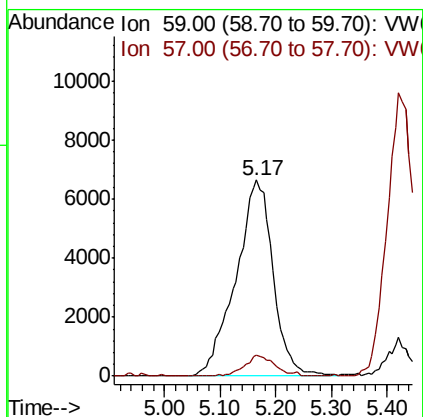
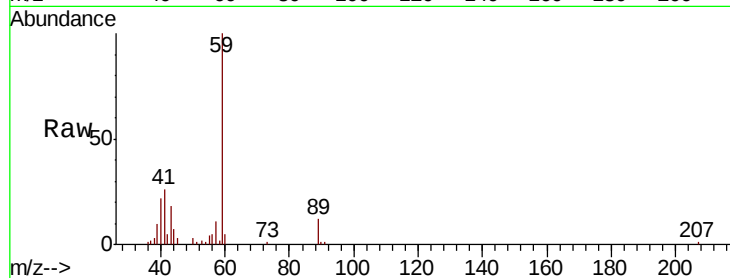


#11

Tert butyl alcohol
 Concen: 137.276 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

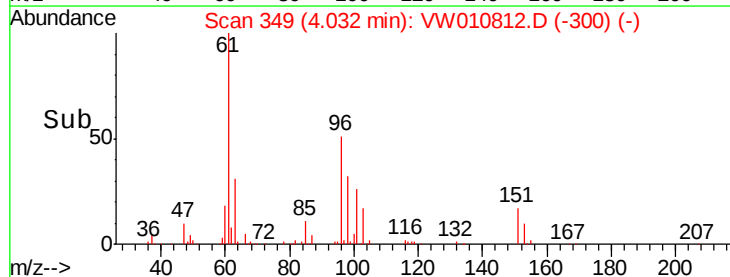
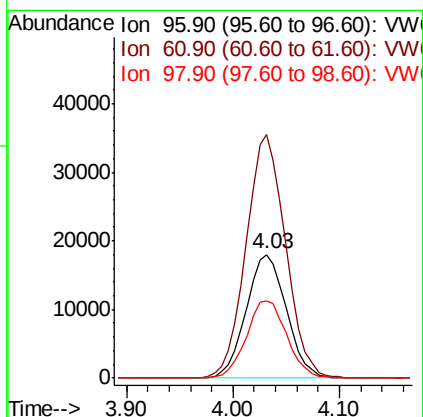
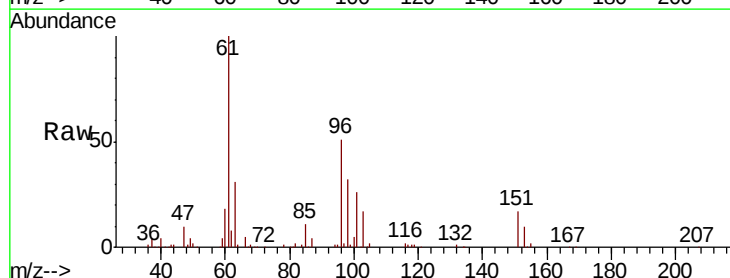
Tgt Ion: 59 Resp: 30983
 Ion Ratio Lower Upper
 59 100
 57 8.6 8.6 12.8

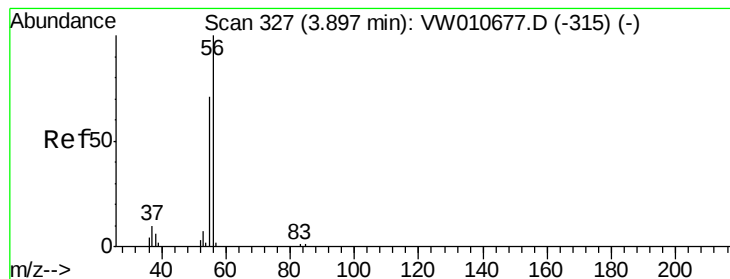


#12

1,1-Dichloroethene
 Concen: 20.995 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion: 96 Resp: 47722
 Ion Ratio Lower Upper
 96 100
 61 197.0 149.1 223.7
 98 62.6 51.1 76.7





#13

Acrolein

Concen: 67.756 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

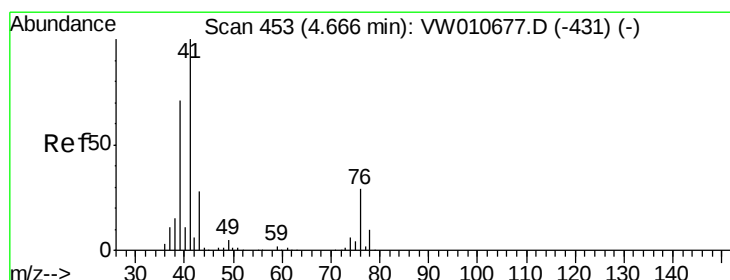
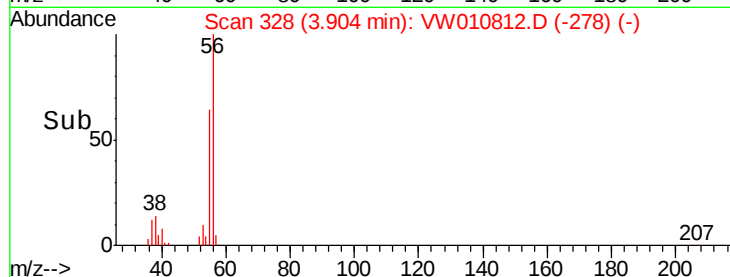
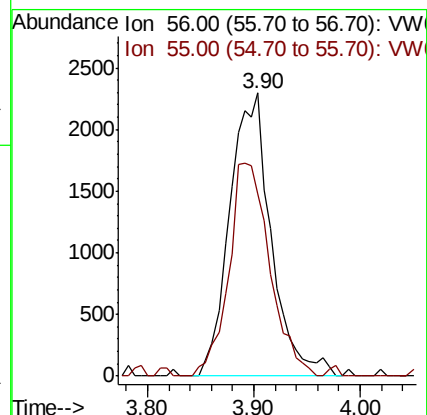
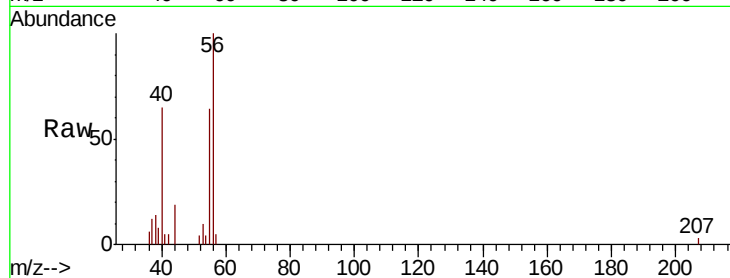
VW0614SBSD01

Tgt Ion: 56 Resp: 6249

Ion Ratio Lower Upper

56 100

55 74.6 57.6 86.4



#14

Allyl chloride

Concen: 22.054 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

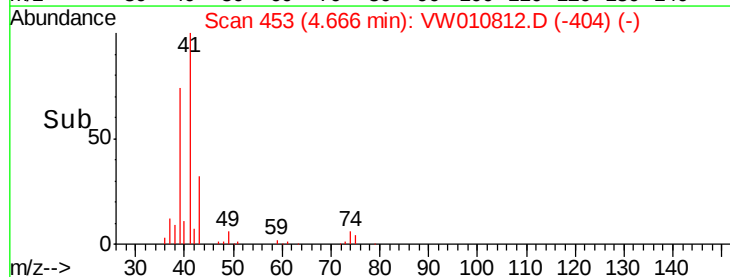
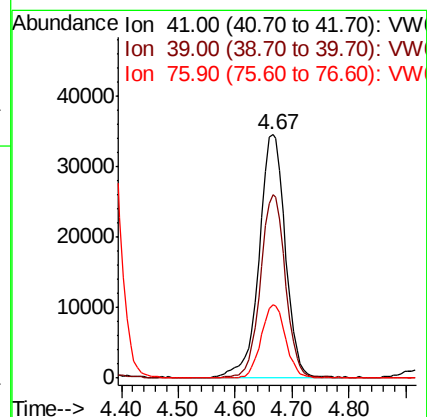
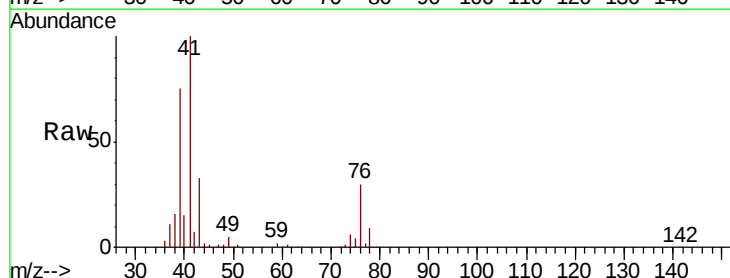
Tgt Ion: 41 Resp: 110535

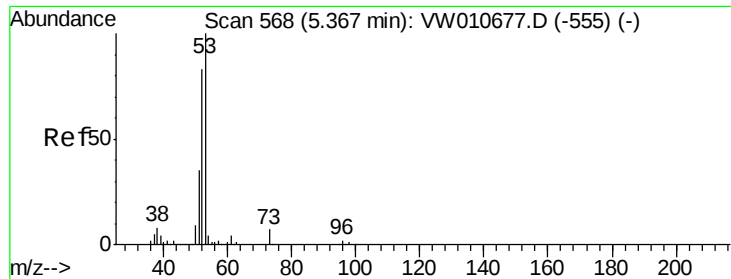
Ion Ratio Lower Upper

41 100

39 71.0 55.8 83.6

76 27.9 22.7 34.1





#15

Acrylonitrile

Concen: 103.650 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

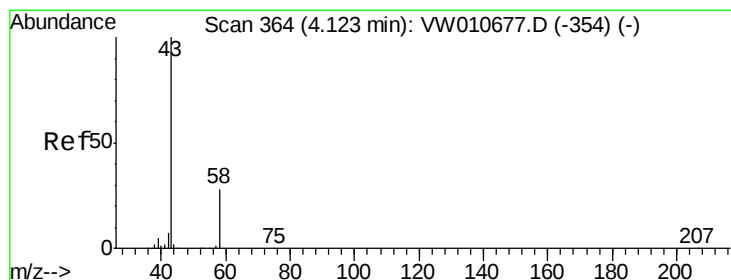
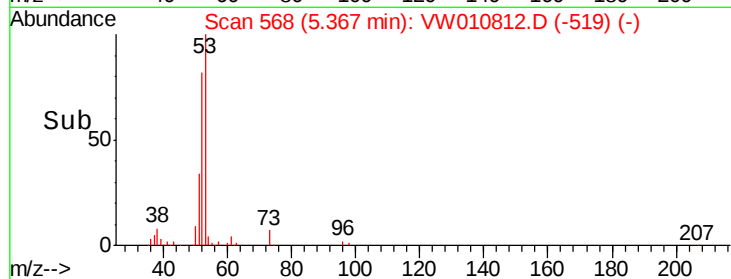
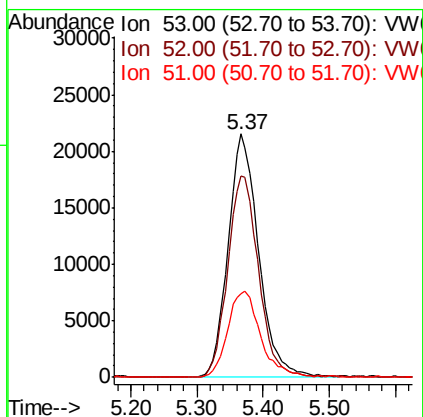
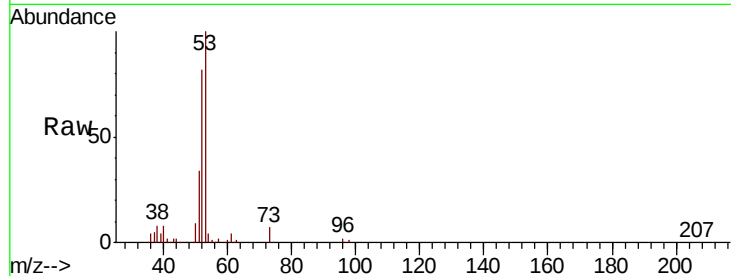
Tgt Ion: 53 Resp: 68969

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

51 38.1 29.8 44.8



#16

Acetone

Concen: 104.806 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010812.D

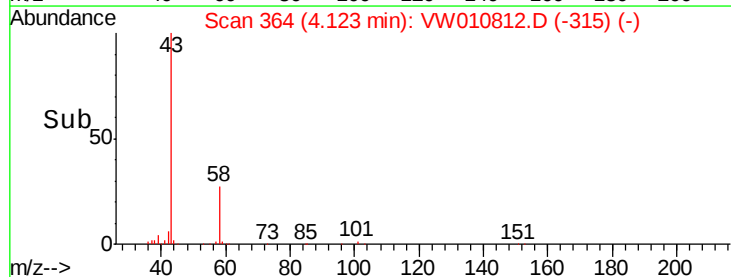
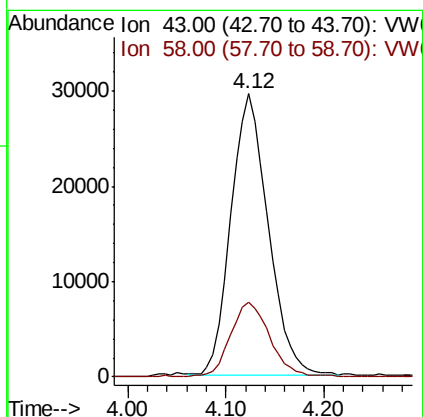
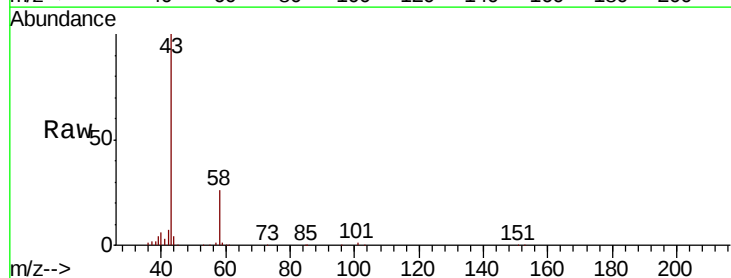
Acq: 14 Jun 2019 14:15

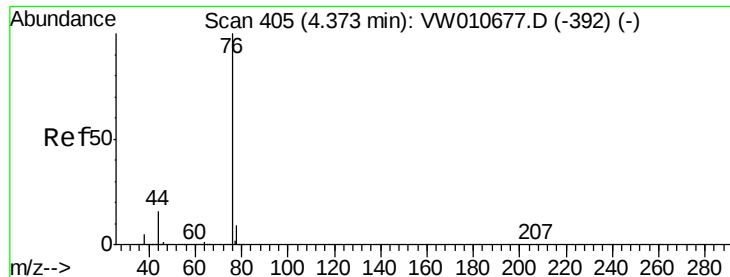
Tgt Ion: 43 Resp: 77800

Ion Ratio Lower Upper

43 100

58 26.4 22.1 33.1

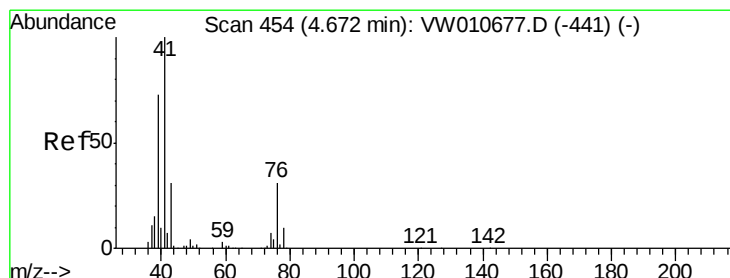
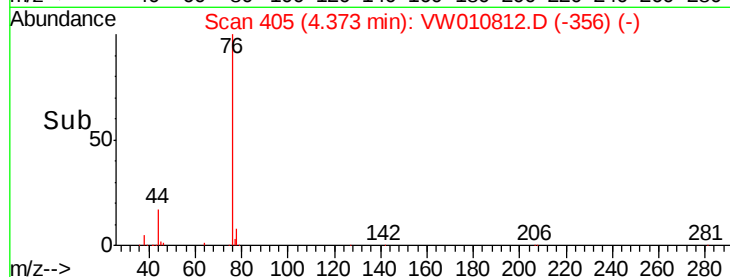
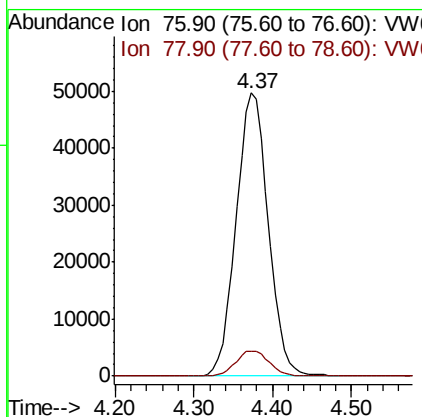
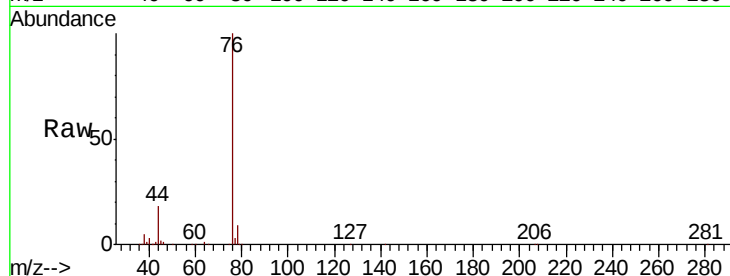




#17
Carbon Disulfide
Concen: 19.541 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

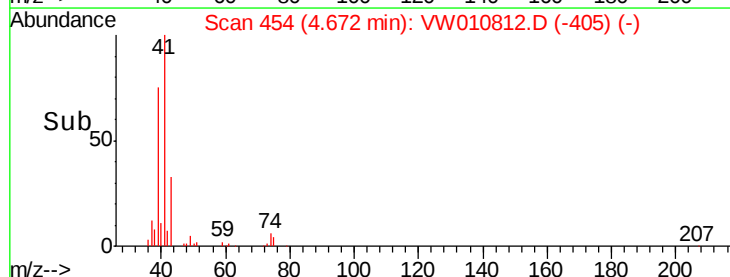
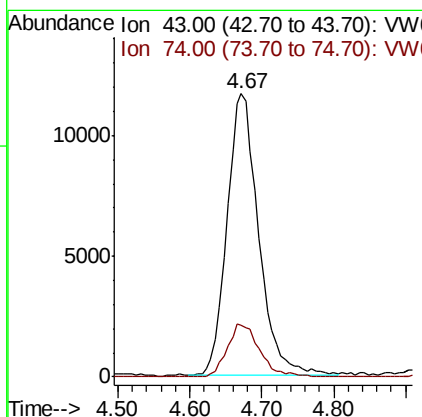
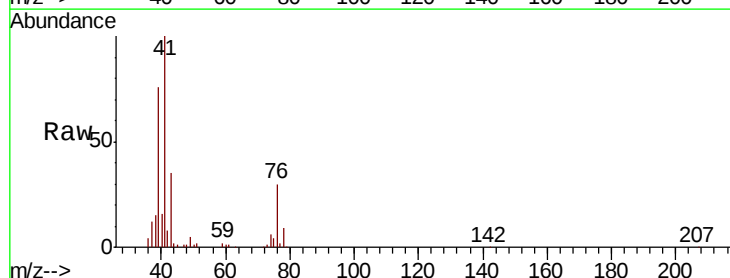
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

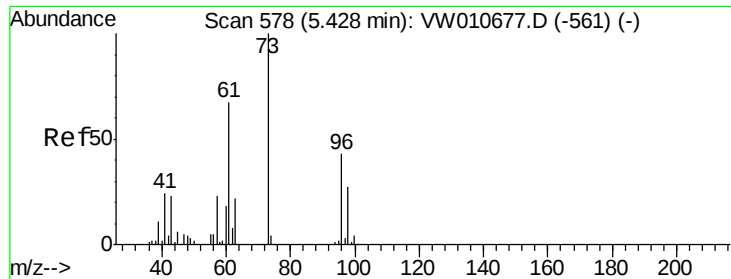
Tgt Ion: 76 Resp: 141004
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 22.398 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 43 Resp: 35791
Ion Ratio Lower Upper
43 100
74 19.0 16.7 25.1

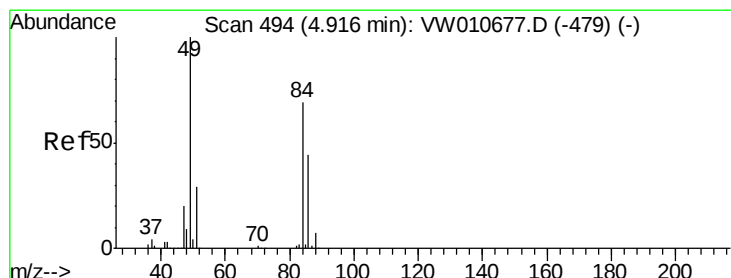
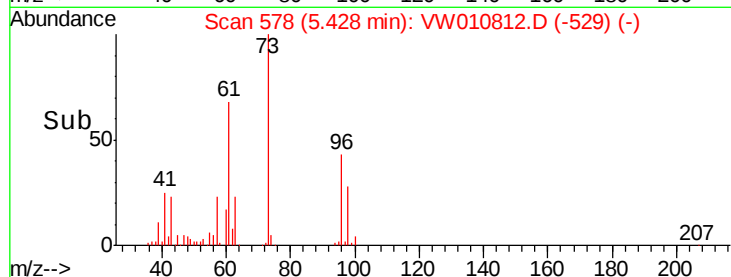
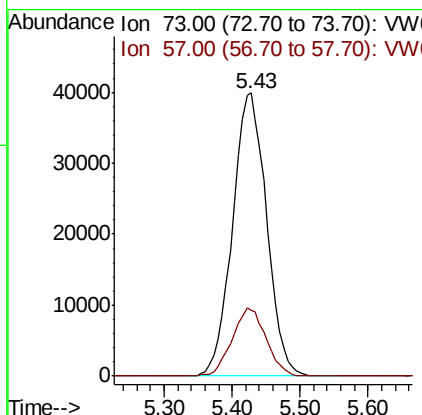
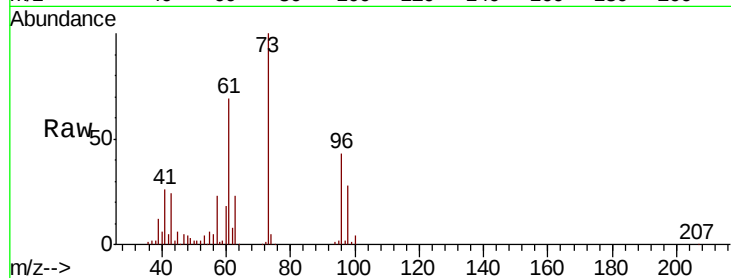




#19
Methyl tert-butyl Ether
Concen: 21.122 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

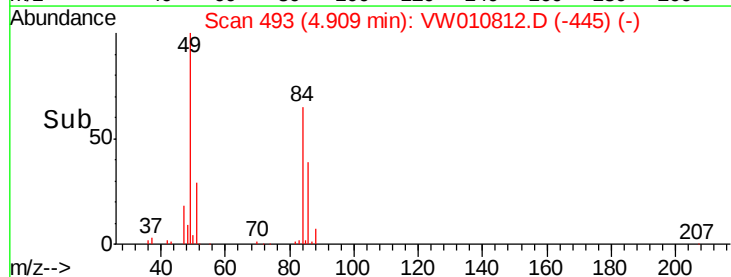
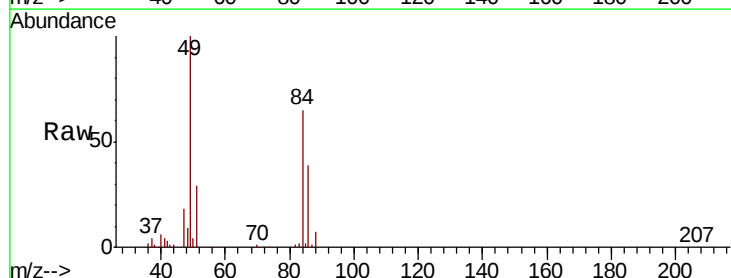
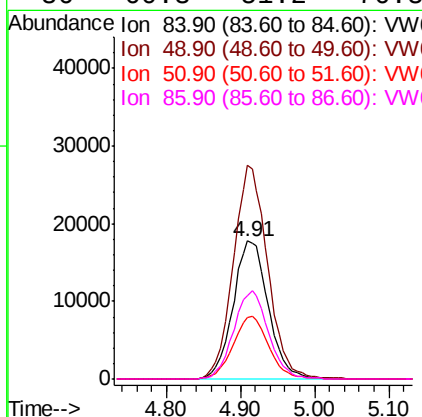
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

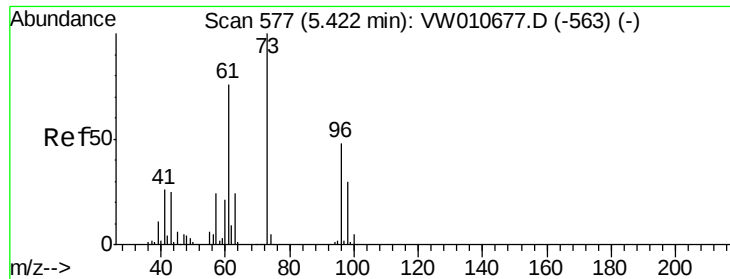
Tgt Ion: 73 Resp: 138472
Ion Ratio Lower Upper
73 100
57 23.3 18.6 27.8



#20
Methylene Chloride
Concen: 22.586 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 84 Resp: 58818
Ion Ratio Lower Upper
84 100
49 154.5 116.7 175.1
51 44.4 34.2 51.2
86 60.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.132 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

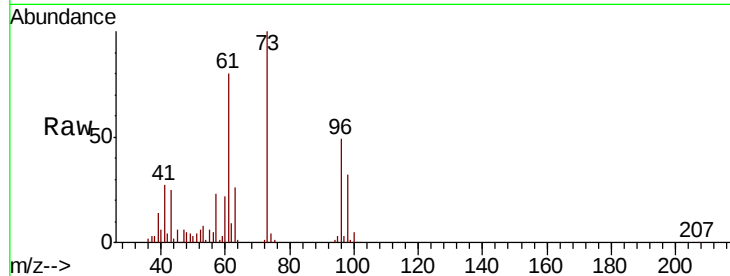
Tgt Ion: 96 Resp: 54528

Ion Ratio Lower Upper

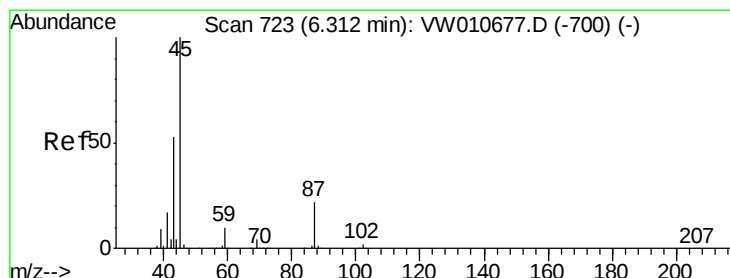
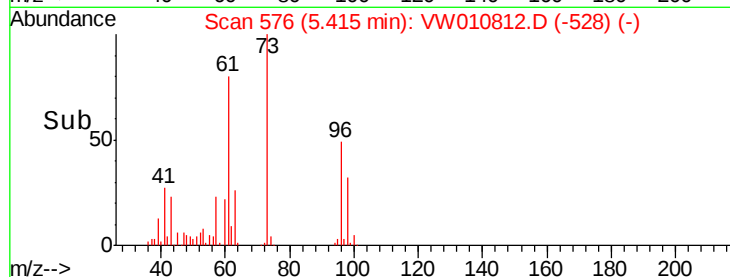
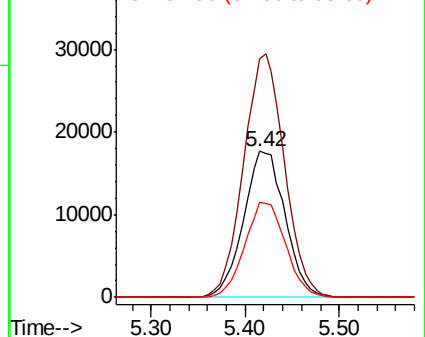
96 100

61 163.6 126.0 189.0

98 64.9 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 21.936 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Tgt Ion: 45 Resp: 220102

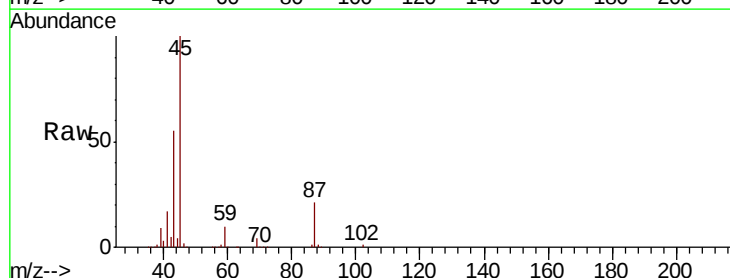
Ion Ratio Lower Upper

45 100

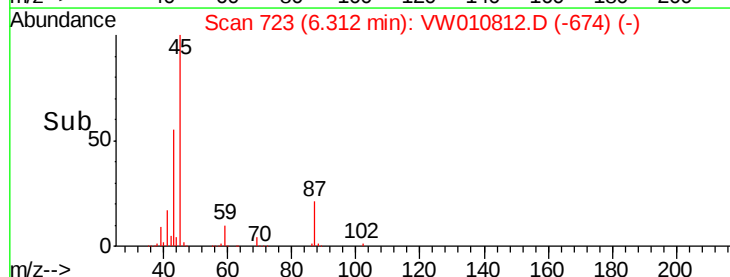
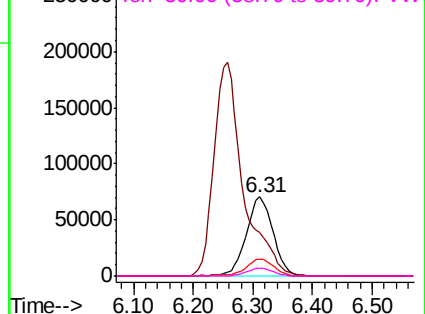
43 54.0 42.5 63.7

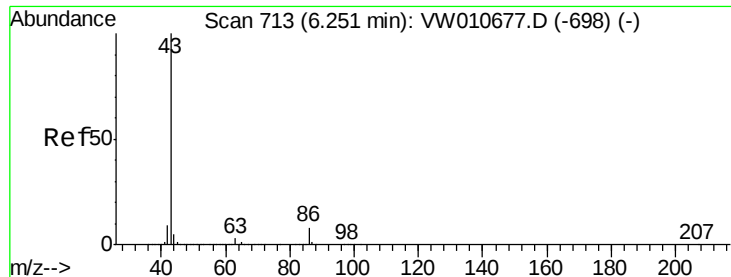
87 20.7 17.4 26.2

59 10.1 8.1 12.1



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





#23

Vinyl Acetate

Concen: 106.172 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

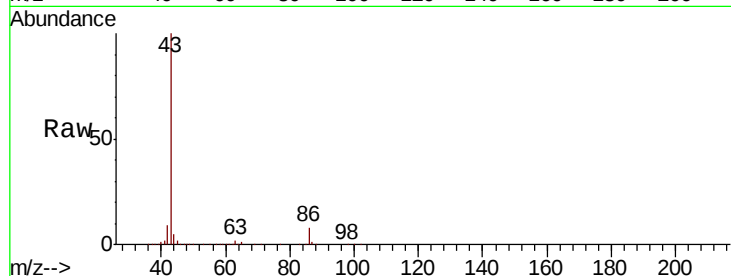
VW0614SBSD01

Tgt Ion: 43 Resp: 642923

Ion Ratio Lower Upper

43 100

86 7.9 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

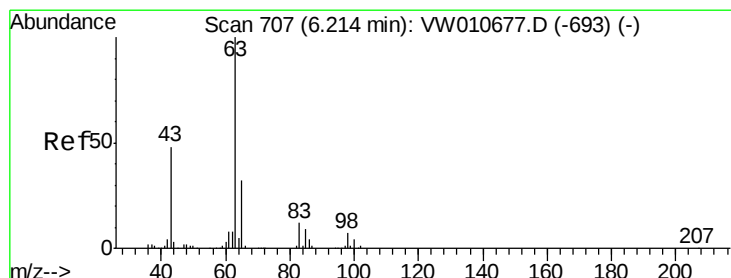
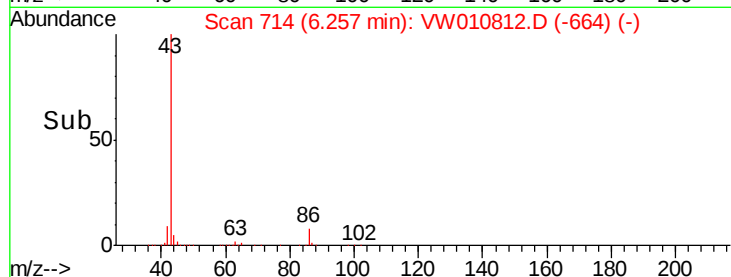
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.928 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

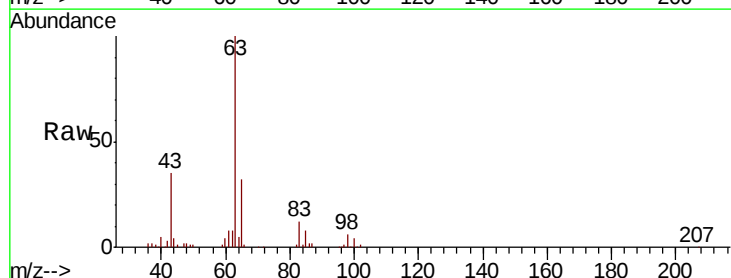
Tgt Ion: 63 Resp: 110263

Ion Ratio Lower Upper

63 100

98 5.8 3.4 10.2

100 3.6 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

50000

40000

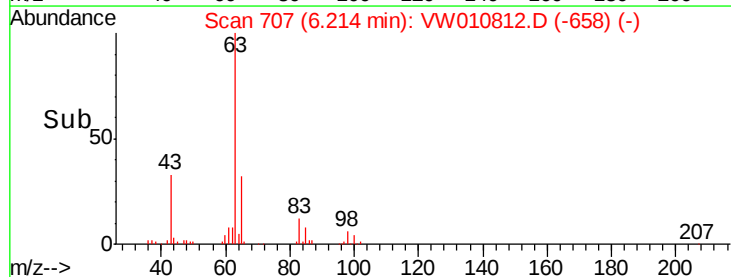
30000

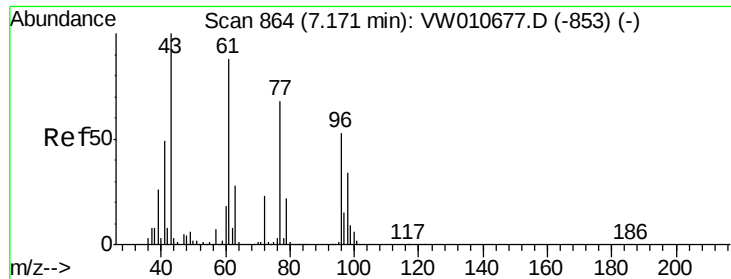
20000

10000

0

Time-->





#25

2-Butanone

Concen: 107.807 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

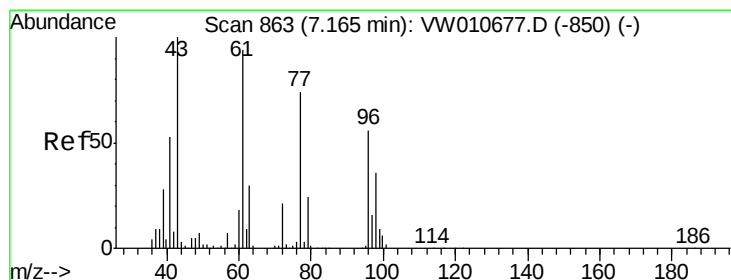
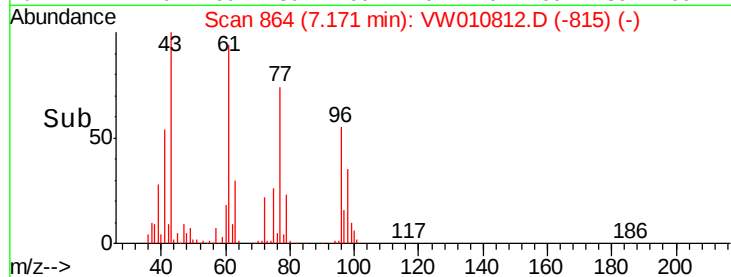
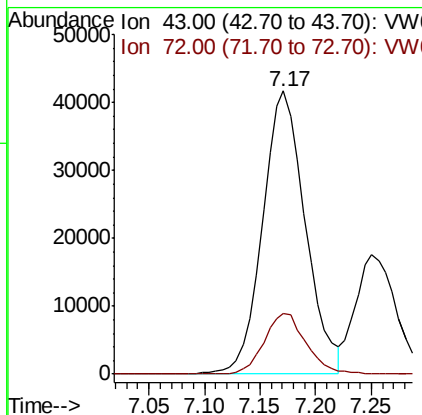
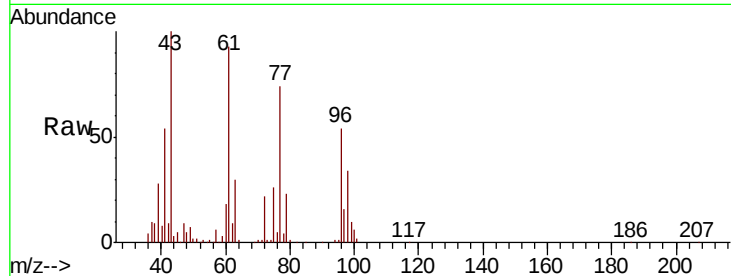
VW0614SBSD01

Tgt Ion: 43 Resp: 110970

Ion Ratio Lower Upper

43 100

72 21.6 18.1 27.1



#26

2,2-Dichloropropane

Concen: 23.316 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010812.D

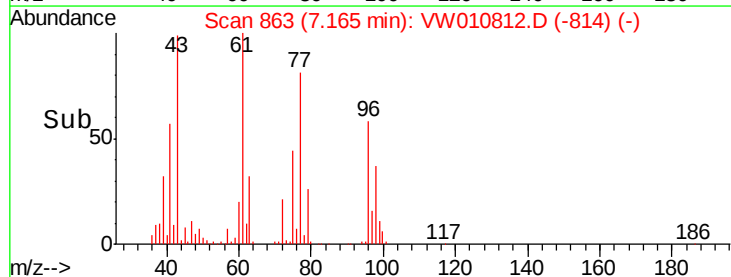
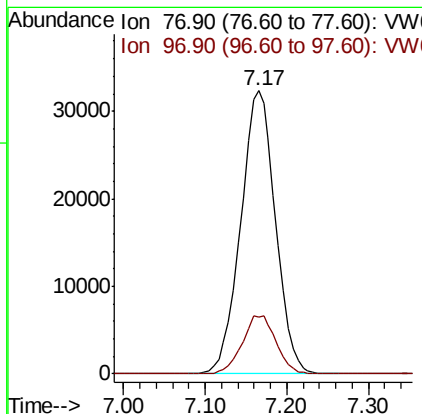
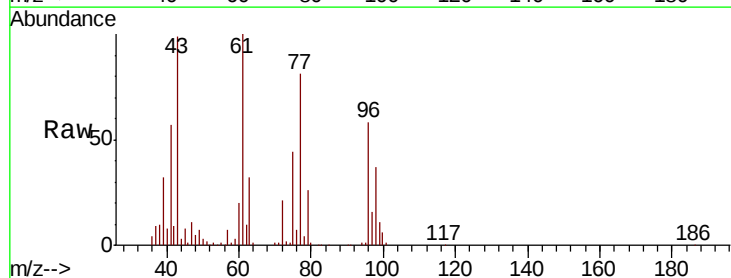
Acq: 14 Jun 2019 14:15

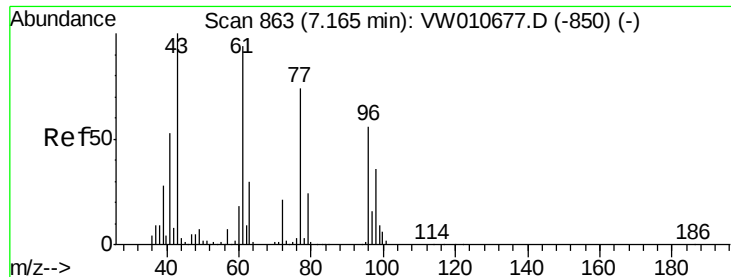
Tgt Ion: 77 Resp: 95405

Ion Ratio Lower Upper

77 100

97 20.1 10.5 31.6



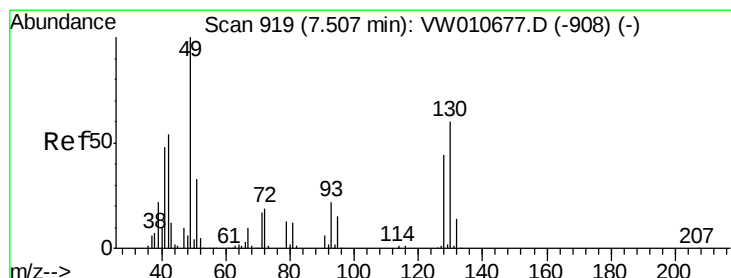
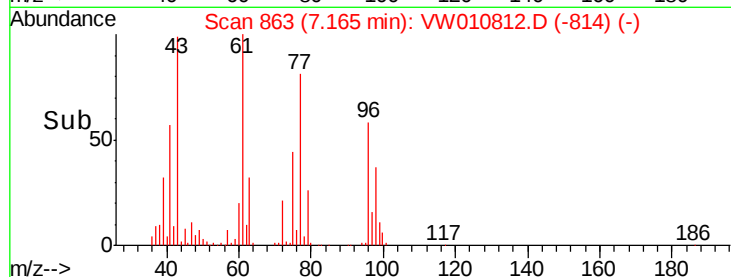
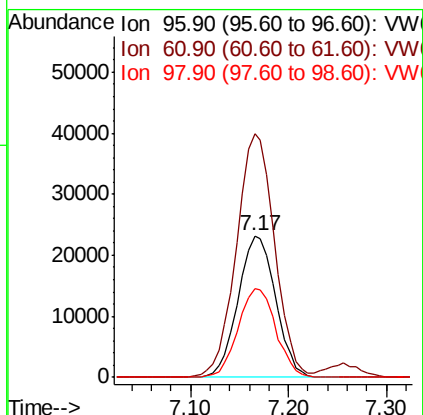
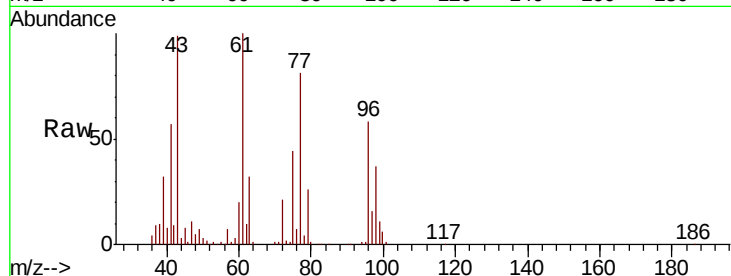


#27

cis-1,2-Dichloroethene
Concen: 21.737 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

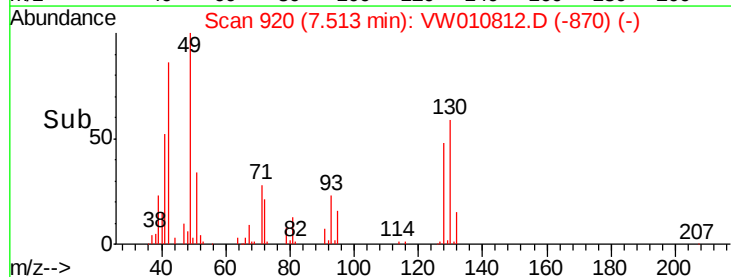
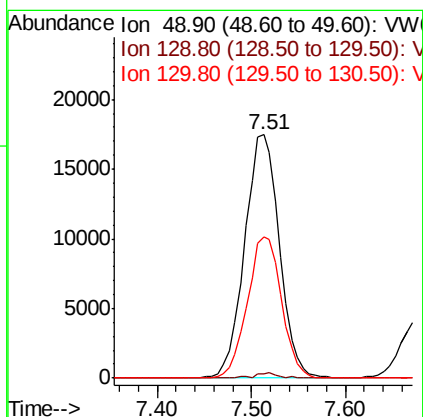
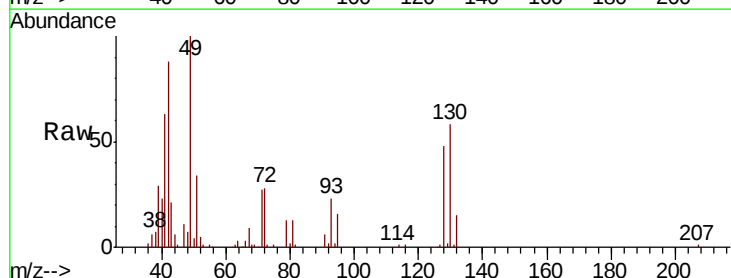
Tgt Ion: 96 Resp: 61728
Ion Ratio Lower Upper
96 100
61 175.4 0.0 336.4
98 63.1 0.0 128.0

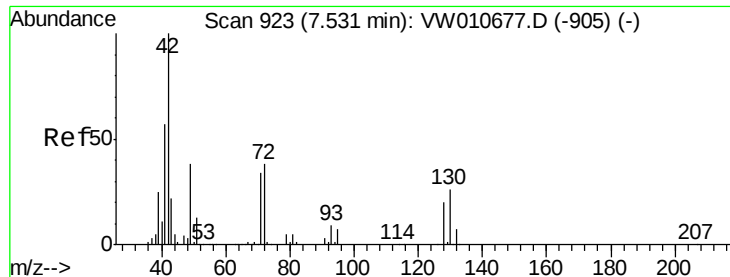


#28

Bromochloromethane
Concen: 20.001 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 49 Resp: 44883
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.2
130 57.3 48.3 72.5

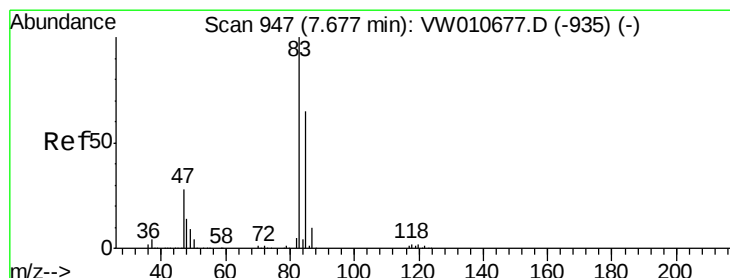
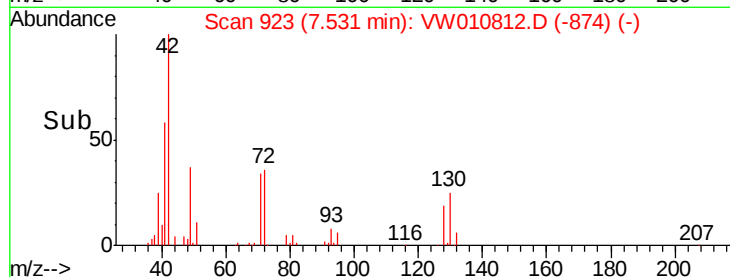
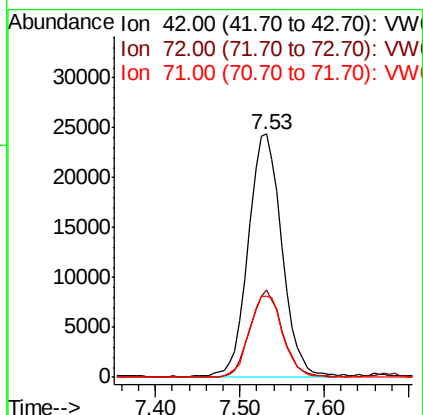
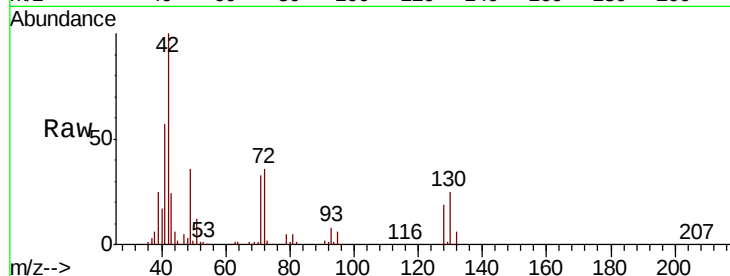




#29
Tetrahydrofuran
Concen: 101.731 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

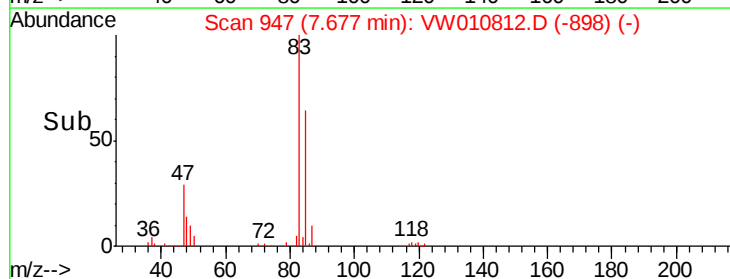
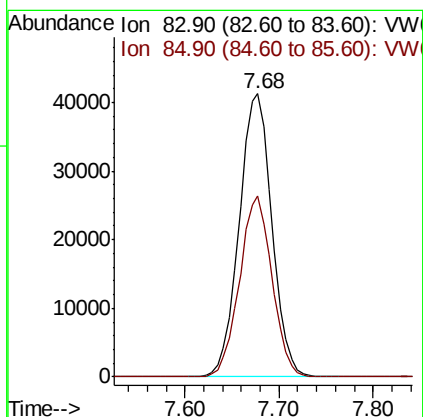
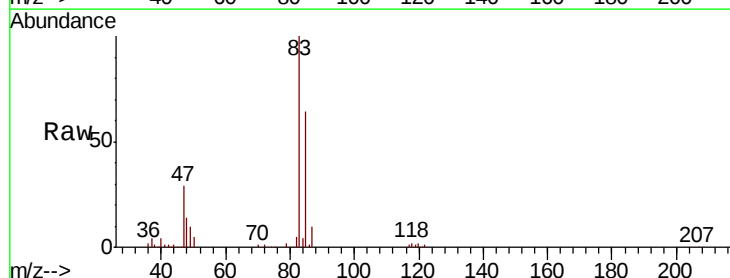
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

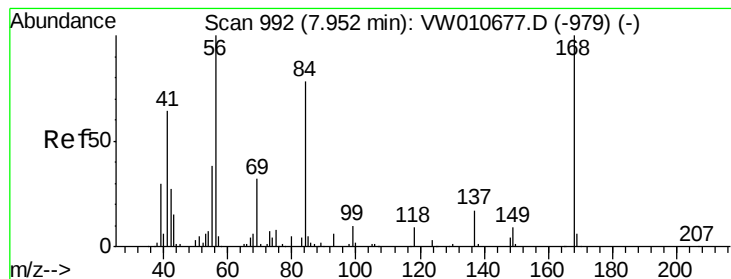
Tgt Ion: 42 Resp: 65865
Ion Ratio Lower Upper
42 100
72 34.4 28.7 43.1
71 34.1 26.6 39.8



#30
Chloroform
Concen: 21.771 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 83 Resp: 100134
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.8





#31

Cyclohexane

Concen: 20.934 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

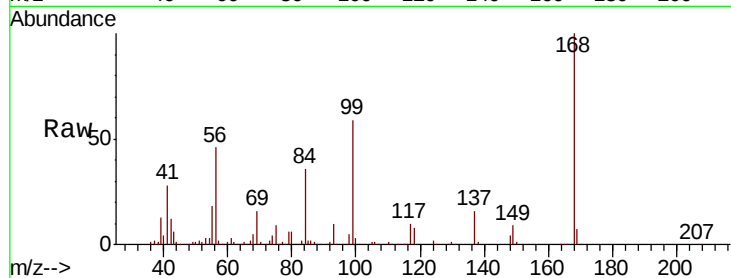
Tgt Ion: 56 Resp: 117015

Ion Ratio Lower Upper

56 100

69 35.3 25.2 37.8

84 77.4 62.2 93.2

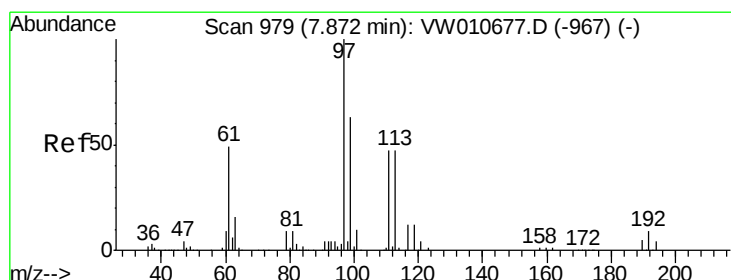
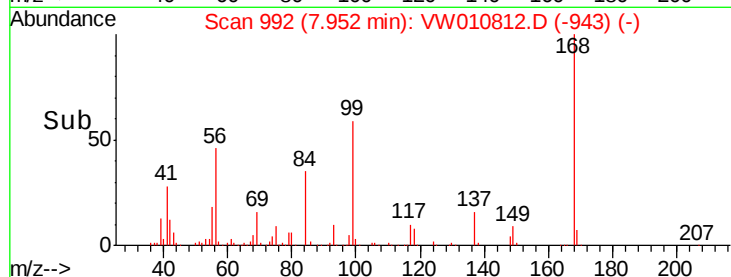
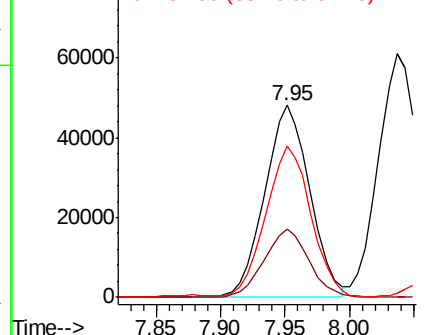


Abundance

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: 22.022 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

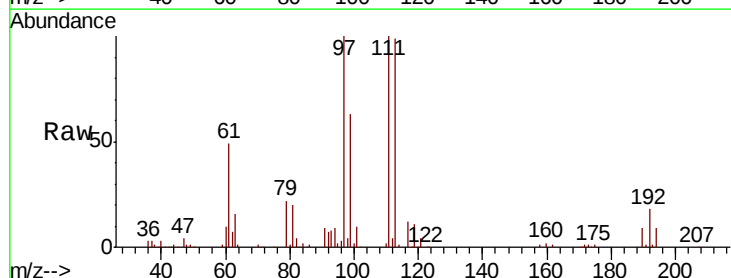
Tgt Ion: 97 Resp: 88480

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 51.0 40.4 60.6

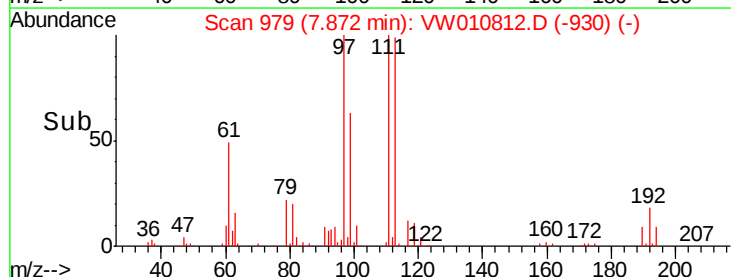
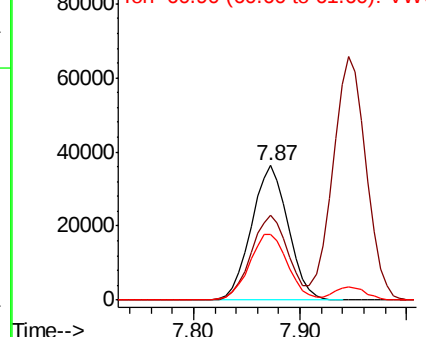


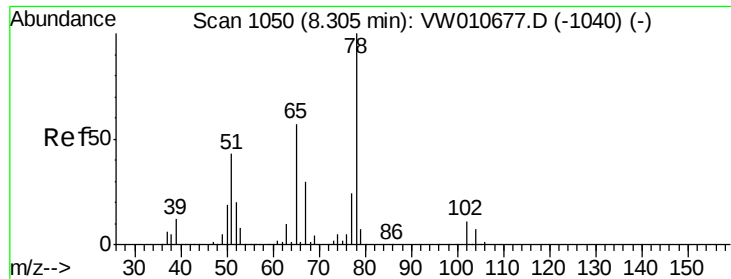
Abundance

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: 50.715 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

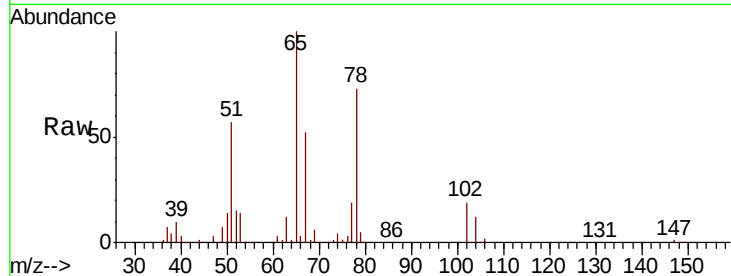
VW0614SBSD01

Tgt Ion: 65 Resp: 140502

Ion Ratio Lower Upper

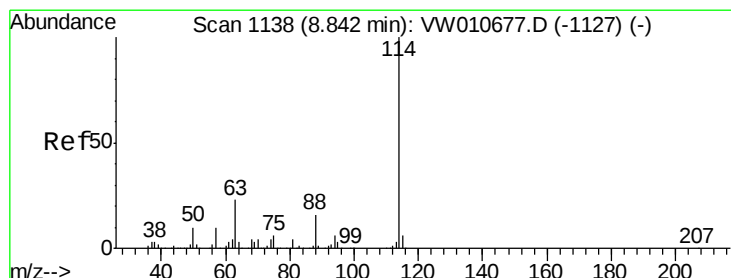
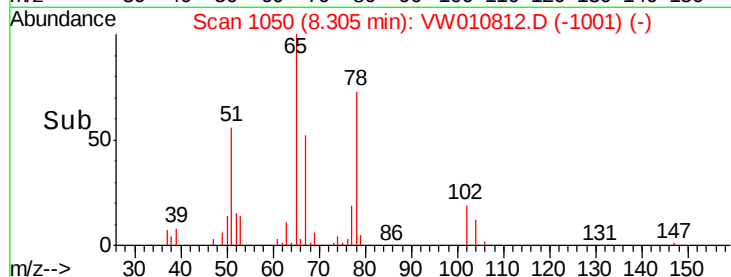
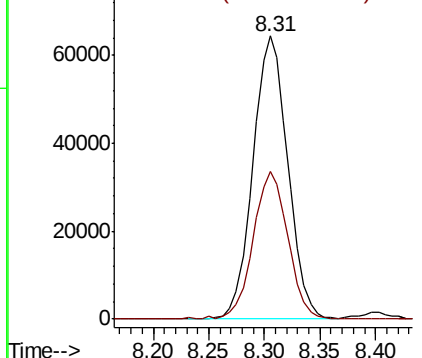
65 100

67 52.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

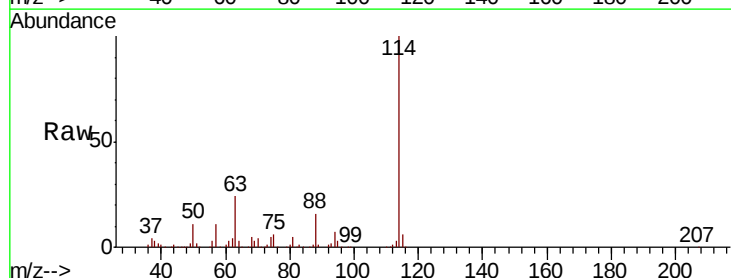
Tgt Ion: 114 Resp: 380969

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.4

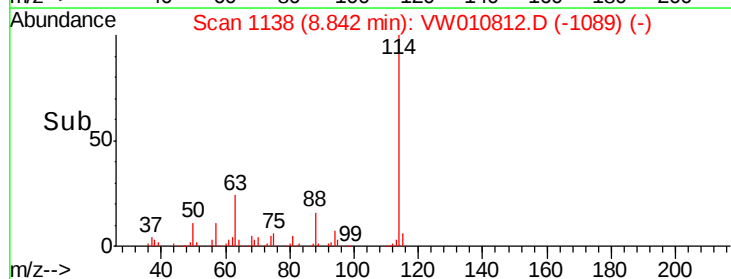
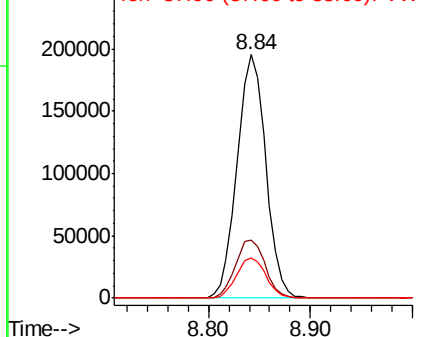
88 16.2 0.0 32.2

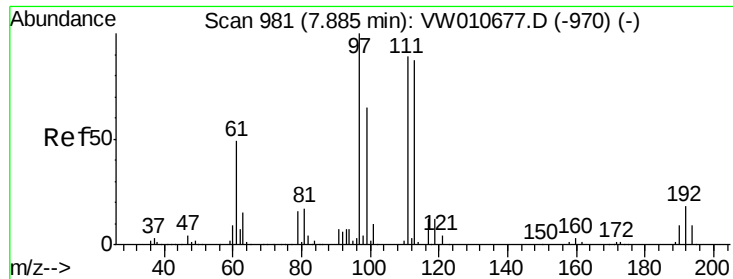


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

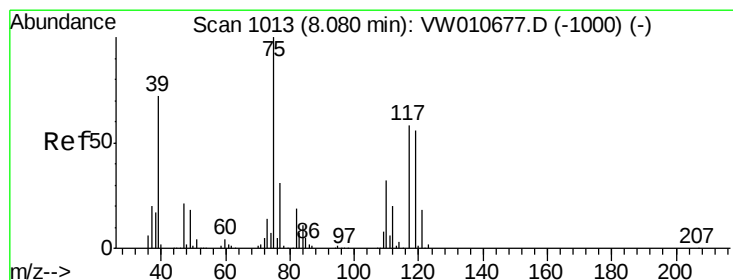
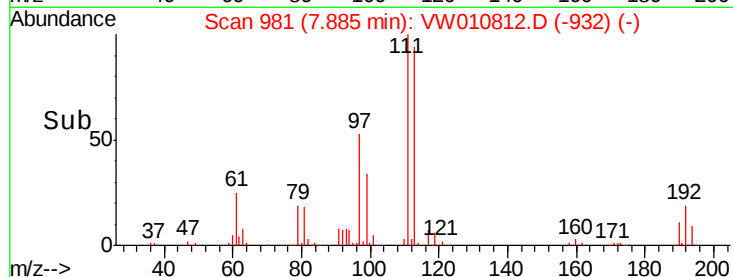
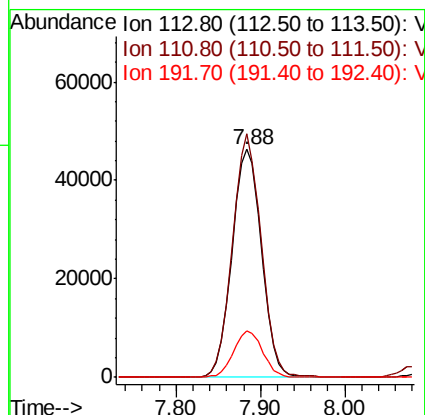
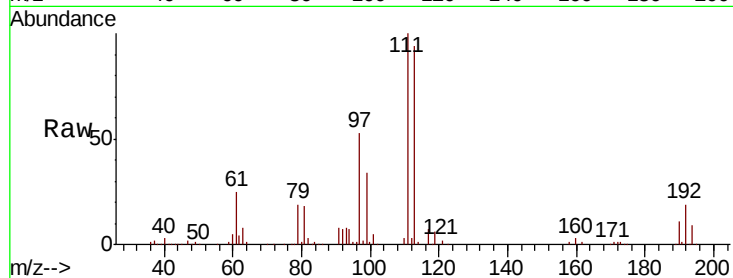




#35
 Dibromofluoromethane
 Concen: 53.126 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

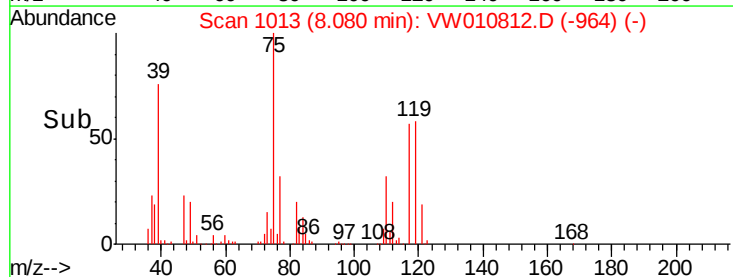
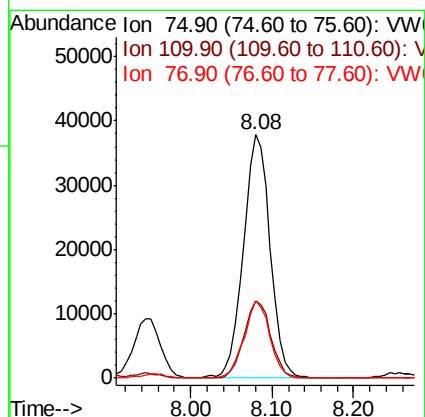
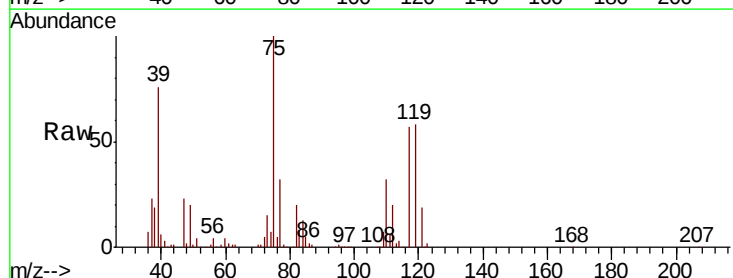
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

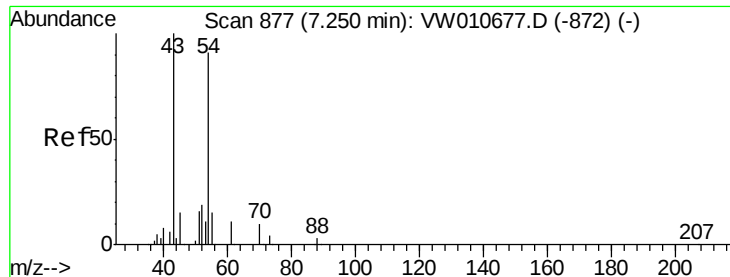
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	19.9	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 21.892 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.0	15.8	47.3
77	30.9	24.7	37.1

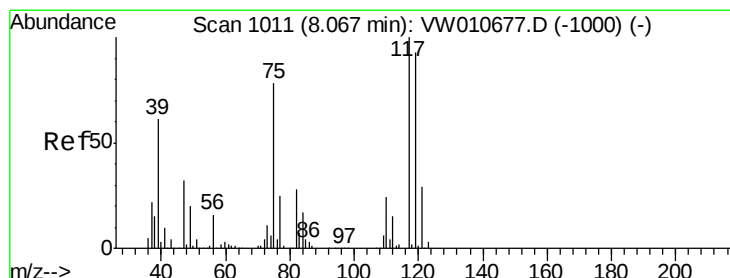
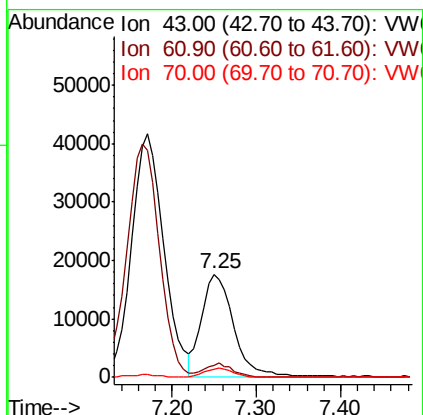
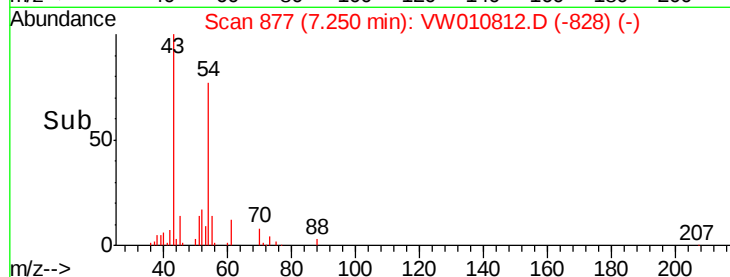
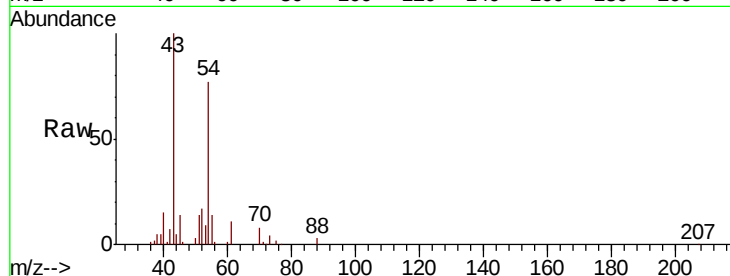




#37
Ethyl Acetate
Concen: 21.262 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

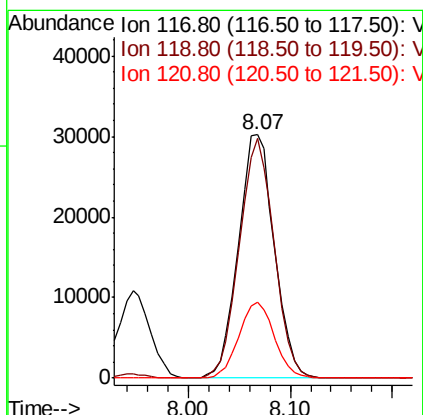
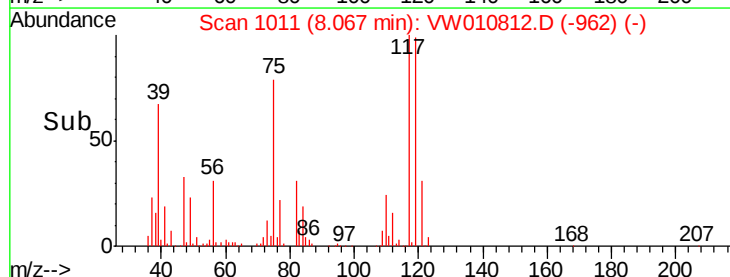
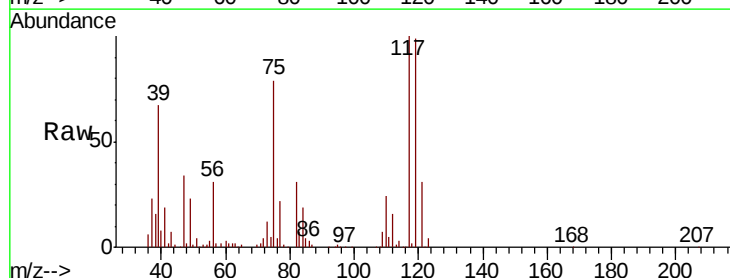
Instrument :
MSVOA_W
ClientSampled :
VW0614SBSD01

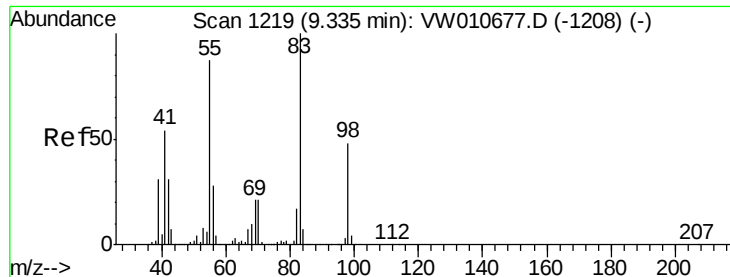
Tgt Ion: 43 Resp: 45946
Ion Ratio Lower Upper
43 100
61 12.1 9.7 14.5
70 8.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.994 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 117 Resp: 74042
Ion Ratio Lower Upper
117 100
119 98.5 74.2 111.4
121 31.1 22.9 34.3

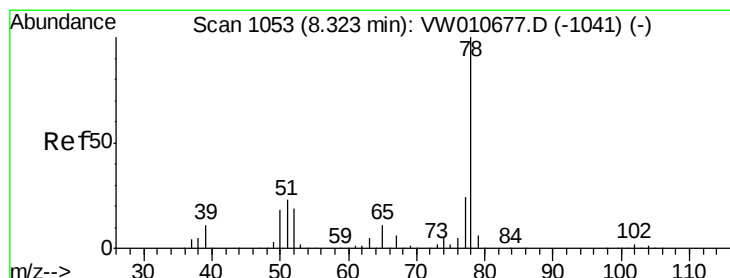
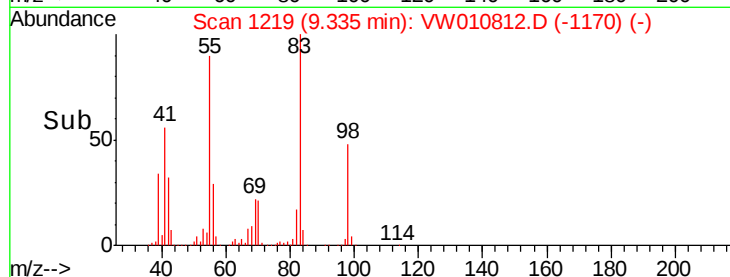
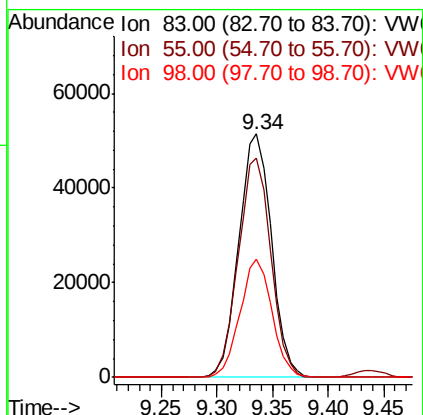
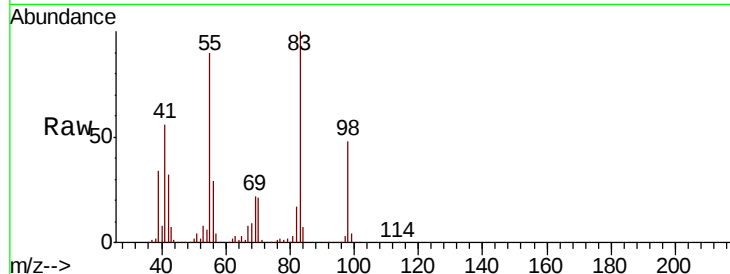




#39
Methylcyclohexane
Concen: 21.108 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

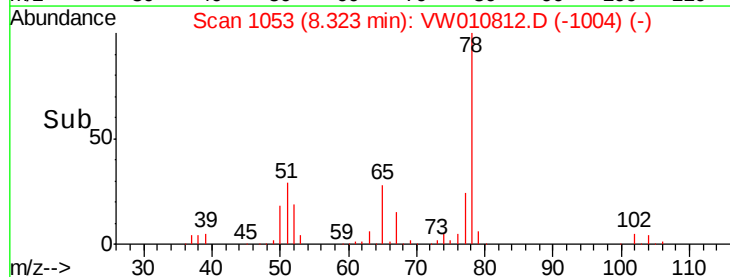
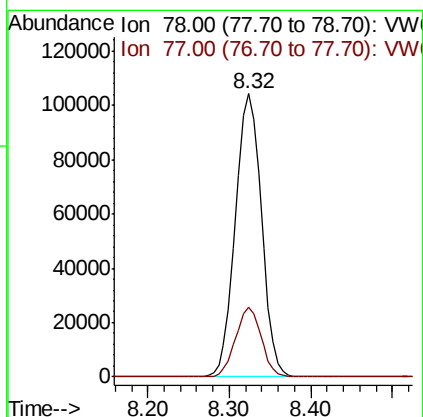
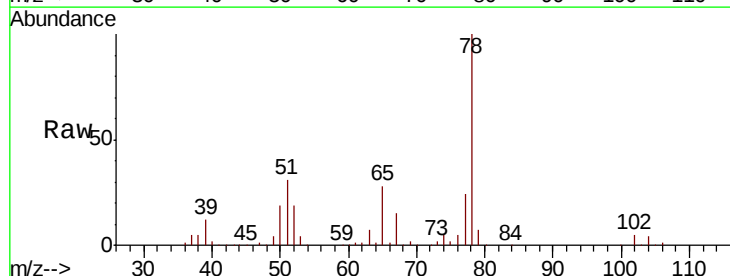
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

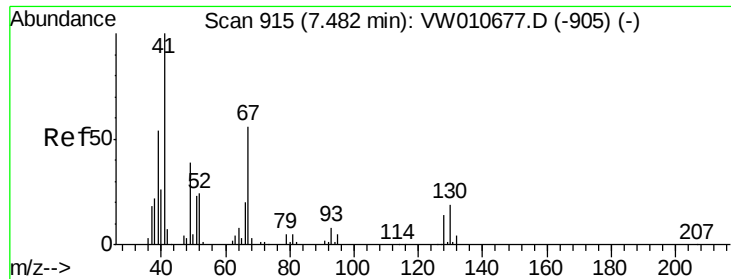
Tgt Ion: 83 Resp: 104641
Ion Ratio Lower Upper
83 100
55 90.1 70.0 105.0
98 48.5 38.1 57.1



#40
Benzene
Concen: 21.644 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 78 Resp: 230261
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

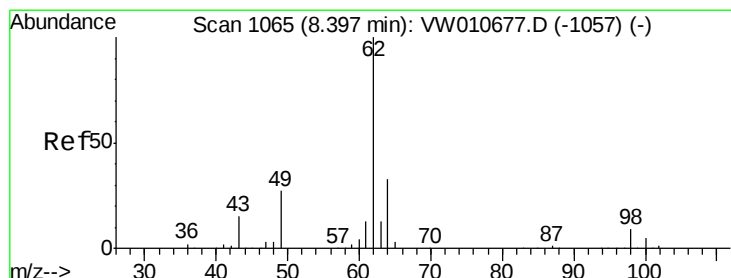
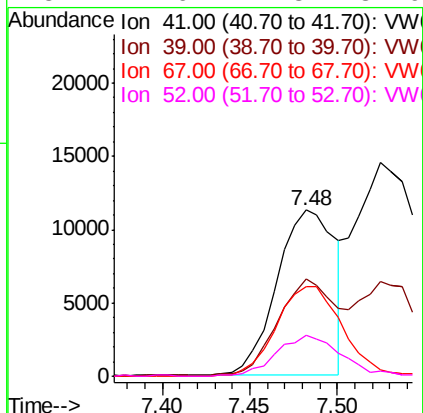
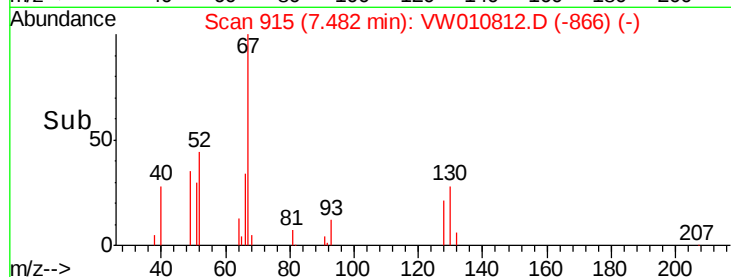
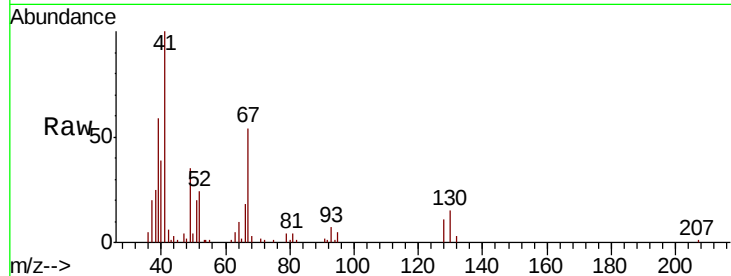




#41
Methacrylonitrile
Concen: 20.378 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

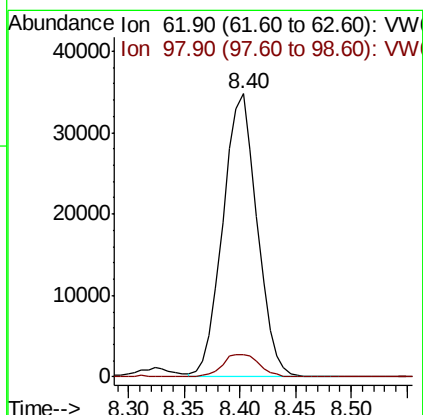
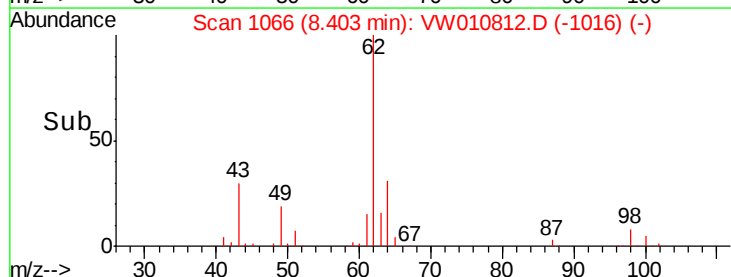
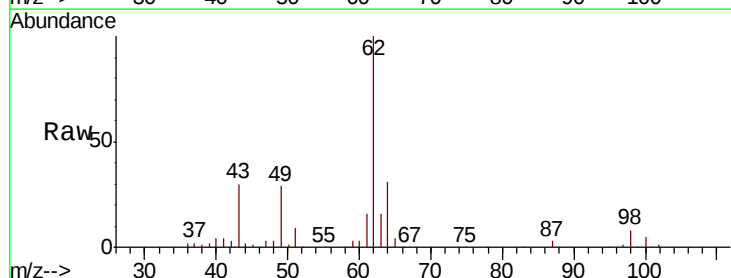
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

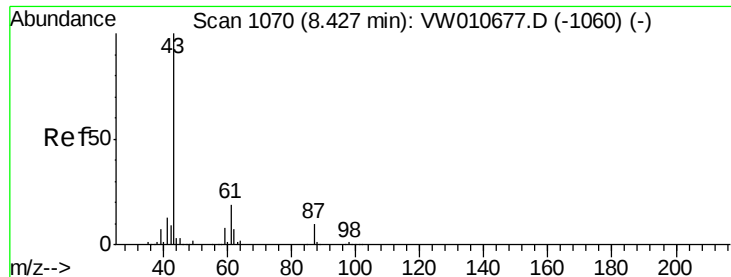
Tgt Ion:	41	Resp:	26175
Ion	Ratio	Lower	Upper
41	100		
39	61.4	47.3	70.9
67	62.5	47.2	70.8
52	27.6	21.3	31.9



#42
1,2-Dichloroethane
Concen: 21.994 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion:	62	Resp:	74263
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.203 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

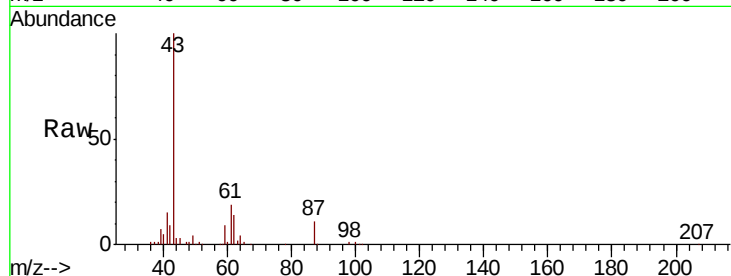
Tgt Ion: 43 Resp: 88520

Ion Ratio Lower Upper

43 100

61 26.8 21.2 31.8

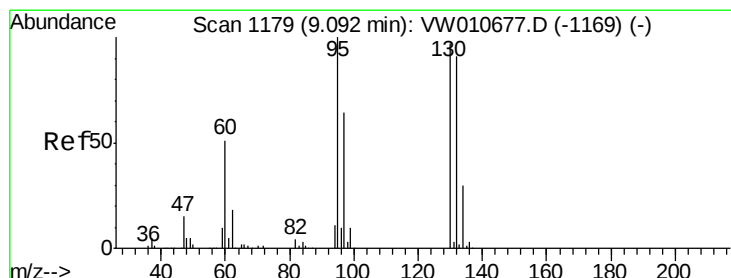
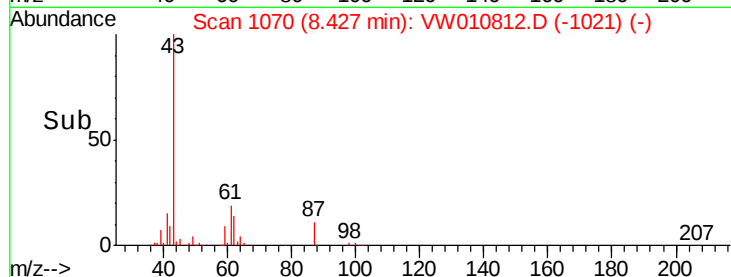
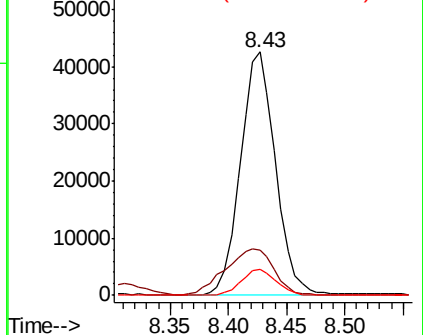
87 10.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.501 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010812.D

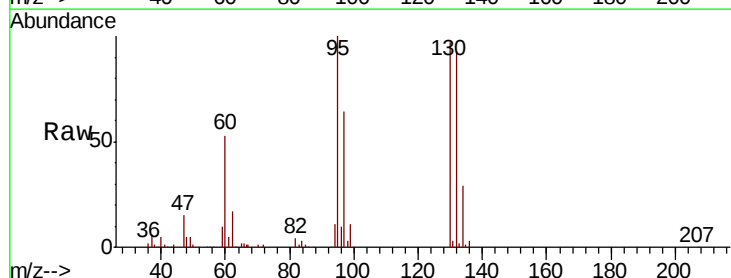
Acq: 14 Jun 2019 14:15

Tgt Ion: 130 Resp: 56425

Ion Ratio Lower Upper

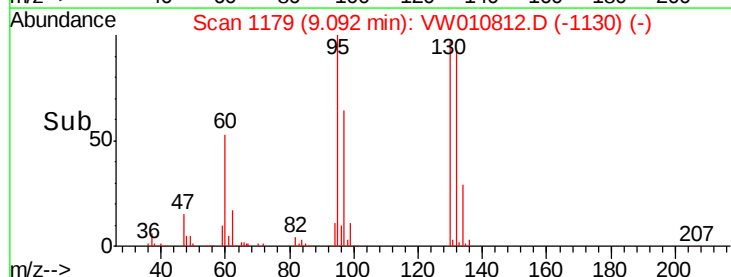
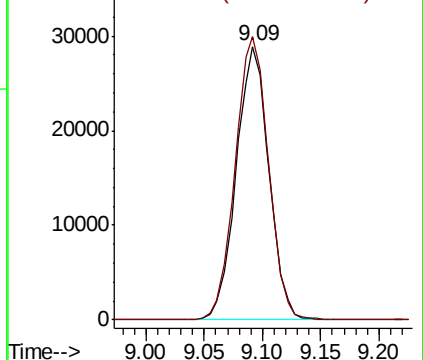
130 100

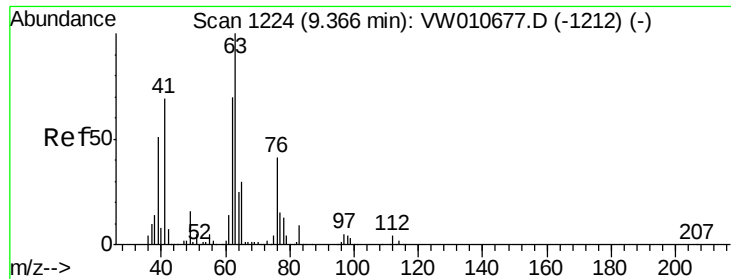
95 103.6 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 21.880 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

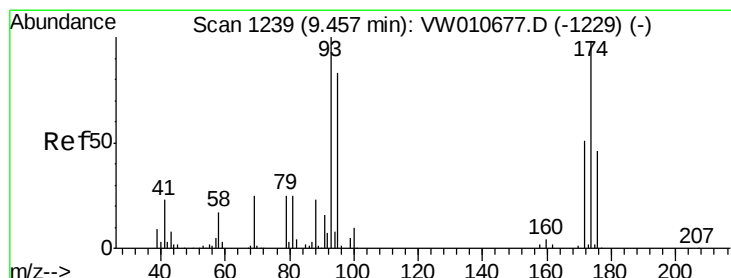
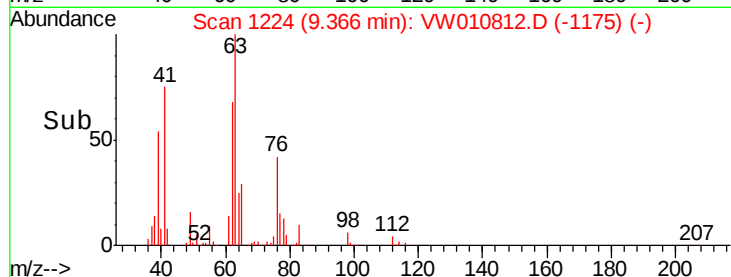
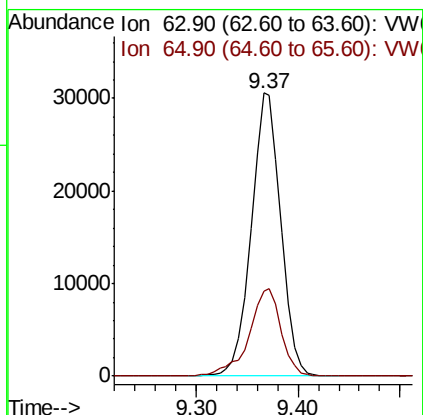
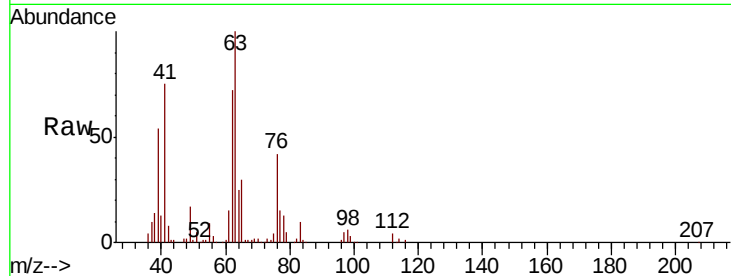
VW0614SBSD01

Tgt Ion: 63 Resp: 61616

Ion Ratio Lower Upper

63 100

65 29.9 23.8 35.6



#46

Dibromomethane

Concen: 21.485 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

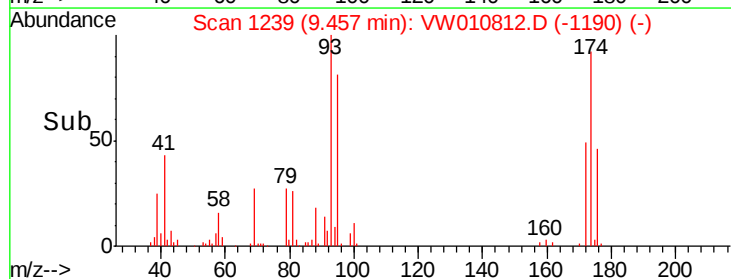
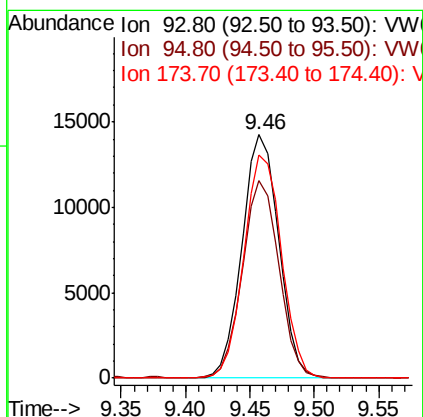
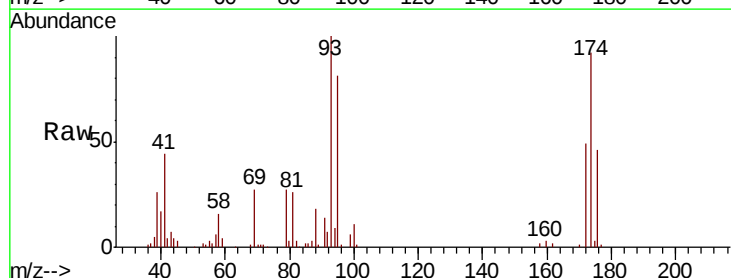
Tgt Ion: 93 Resp: 28103

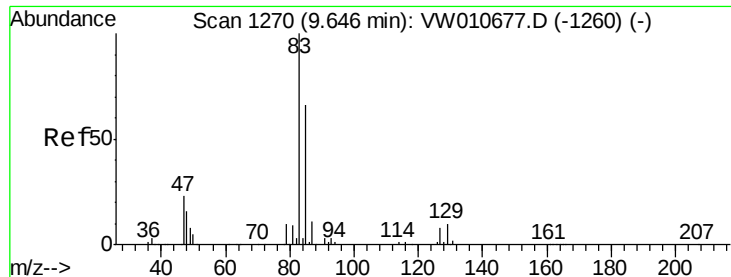
Ion Ratio Lower Upper

93 100

95 80.6 65.8 98.8

174 93.6 77.4 116.0

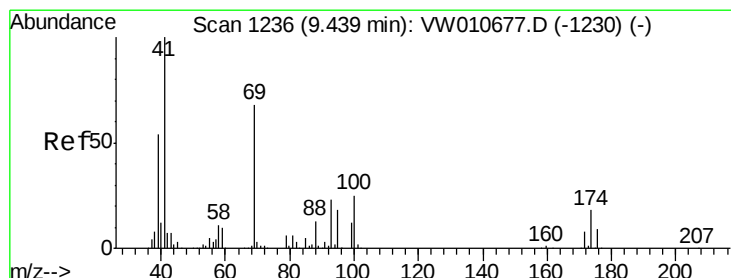
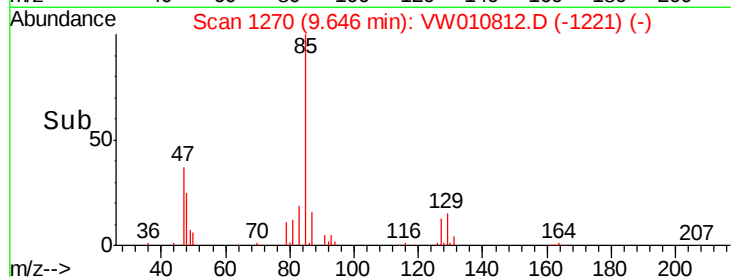
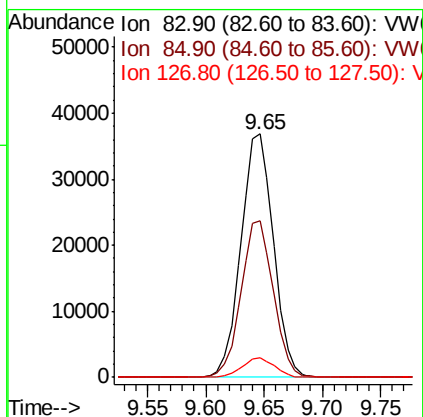
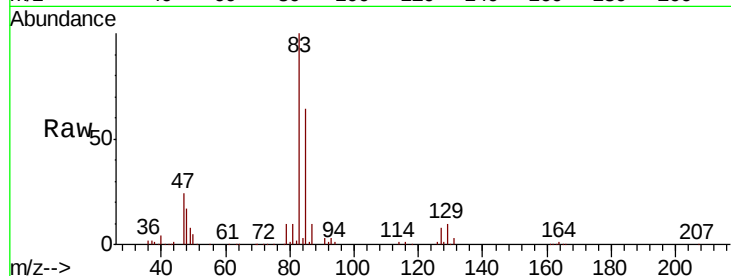




#47
 Bromodichloromethane
 Concen: 21.202 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

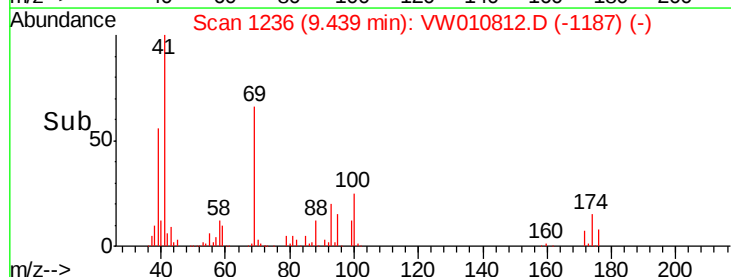
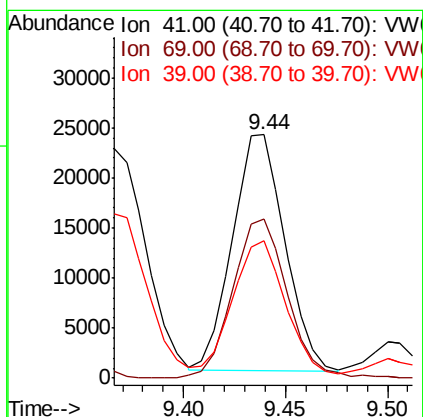
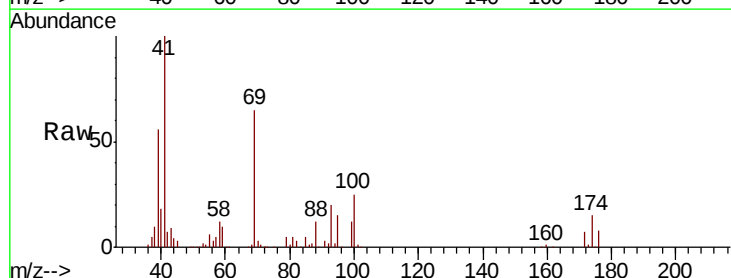
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

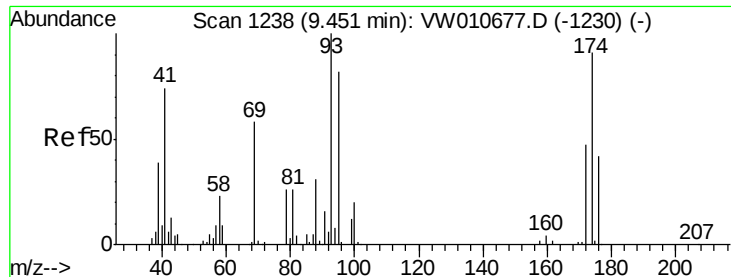
Tgt Ion: 83 Resp: 71889
 Ion Ratio Lower Upper
 83 100
 85 64.5 53.0 79.4
 127 8.1 6.4 9.6



#48
 Methyl methacrylate
 Concen: 20.977 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion: 41 Resp: 42225
 Ion Ratio Lower Upper
 41 100
 69 70.3 56.6 85.0
 39 59.9 44.4 66.6

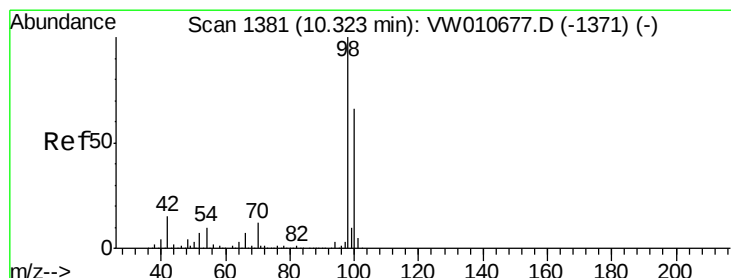
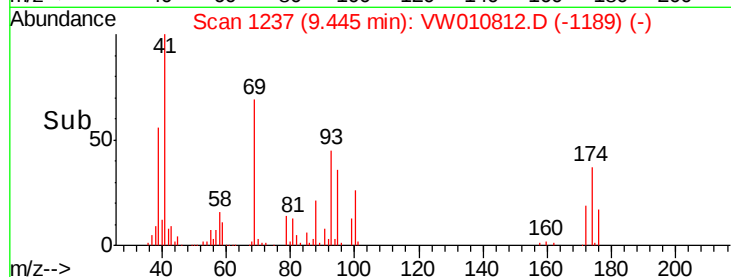
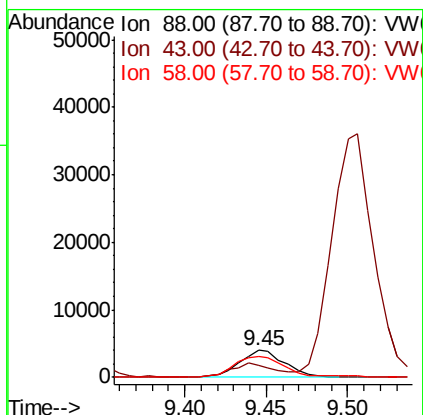
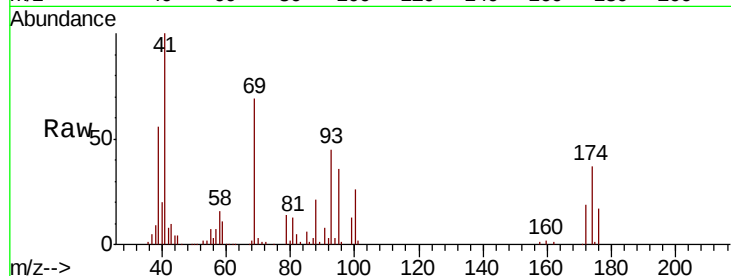




#49
1,4-Dioxane
Concen: 378.184 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

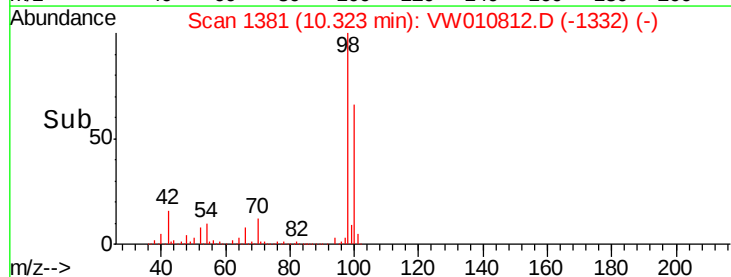
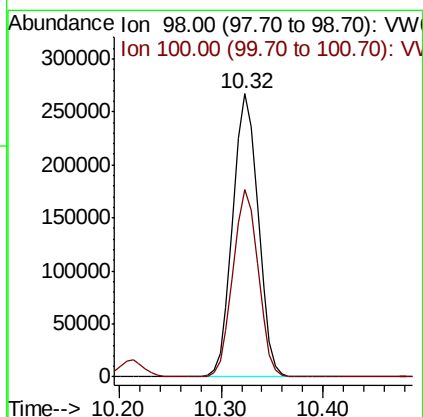
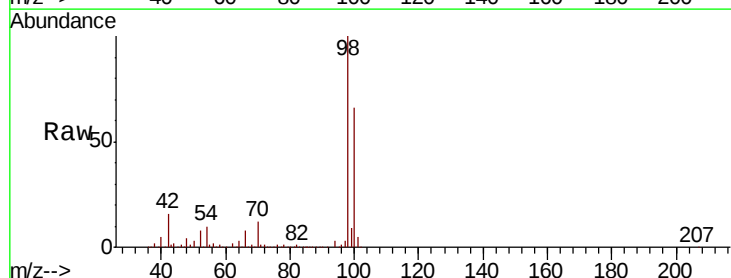
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

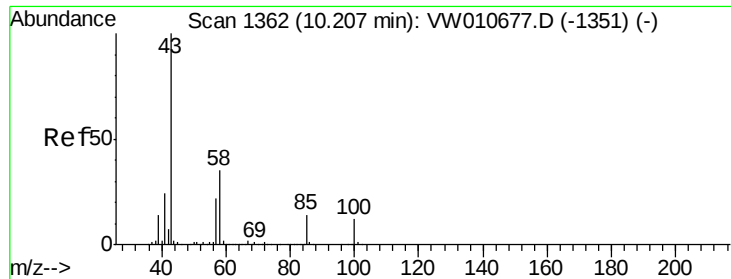
Tgt Ion: 88 Resp: 7734
Ion Ratio Lower Upper
88 100
43 49.1 34.2 51.4
58 86.7 69.0 103.4



#50
Toluene-d8
Concen: 50.811 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 98 Resp: 460734
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6

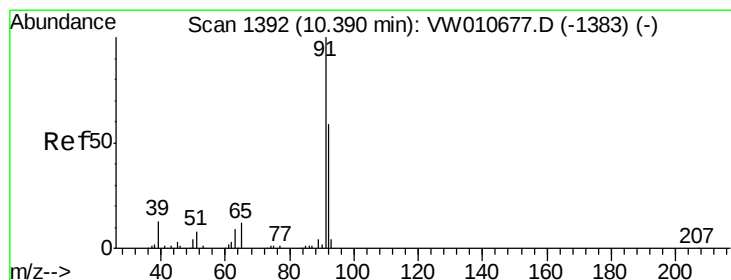
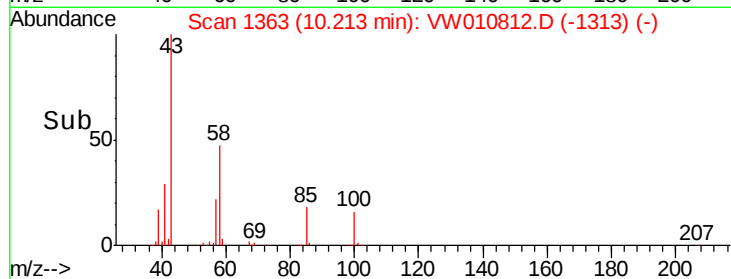
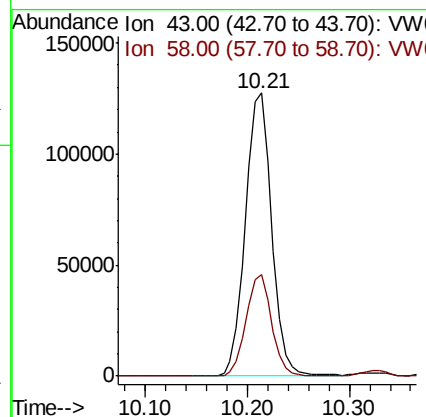
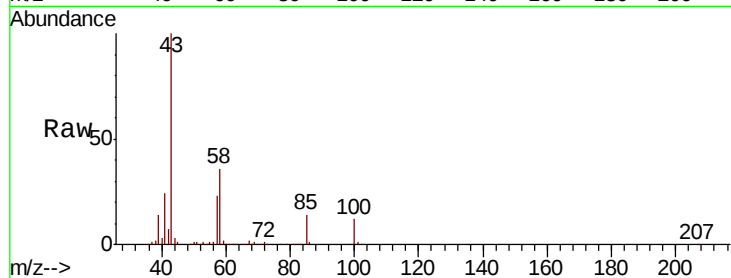




#51
 4-Methyl-2-Pentanone
 Concen: 106.556 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

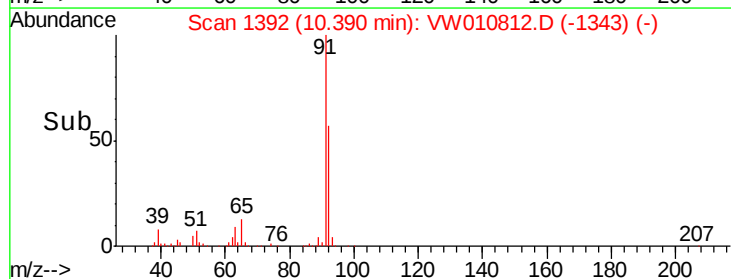
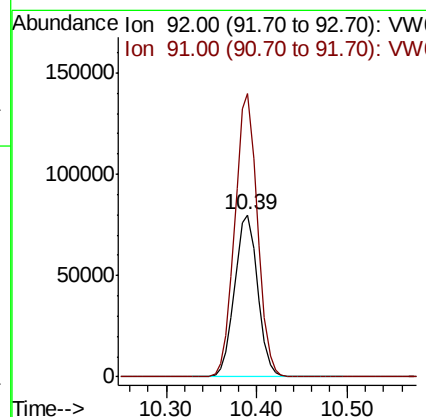
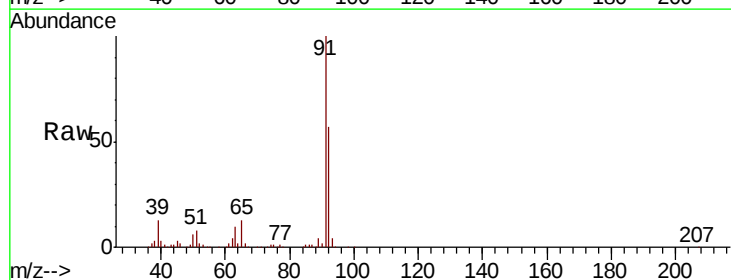
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

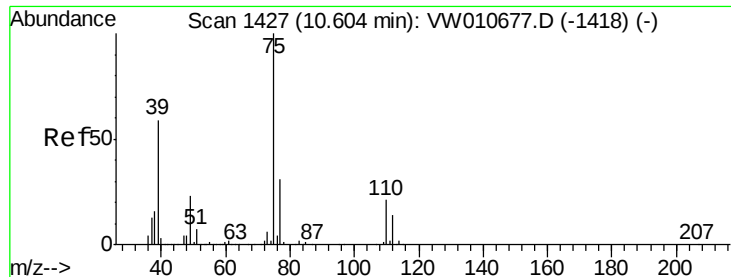
Tgt Ion: 43 Resp: 227263
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.4 42.6



#52
 Toluene
 Concen: 21.539 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion: 92 Resp: 140988
 Ion Ratio Lower Upper
 92 100
 91 171.5 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 21.159 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

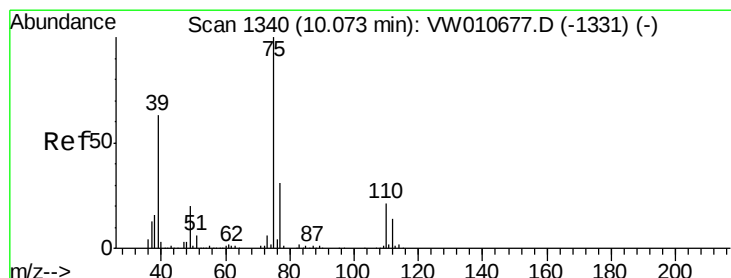
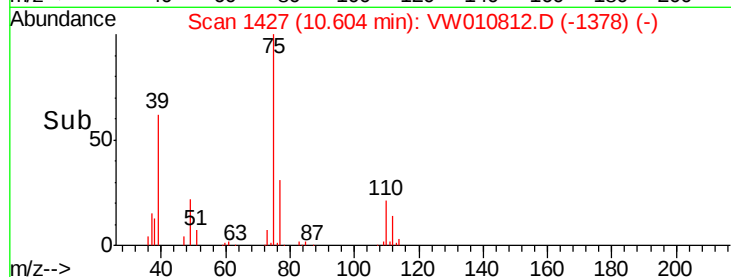
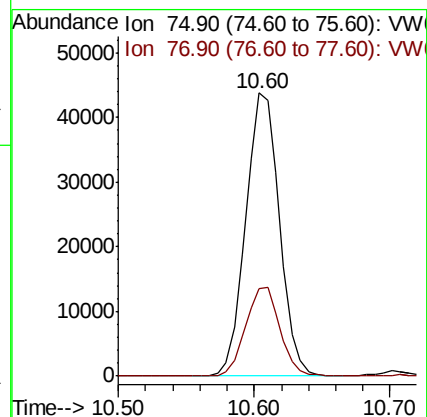
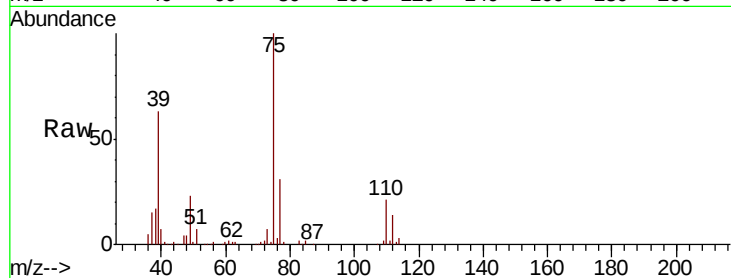
VW0614SBSD01

Tgt Ion: 75 Resp: 75989

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 21.564 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

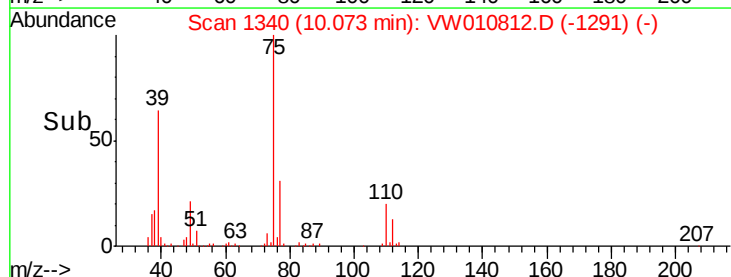
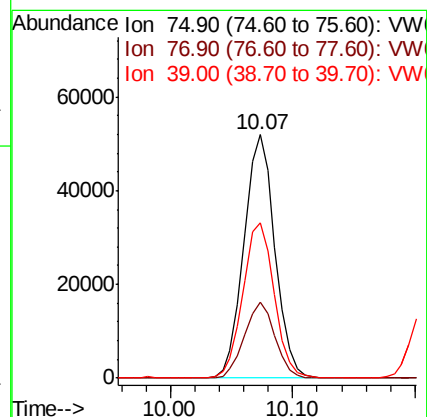
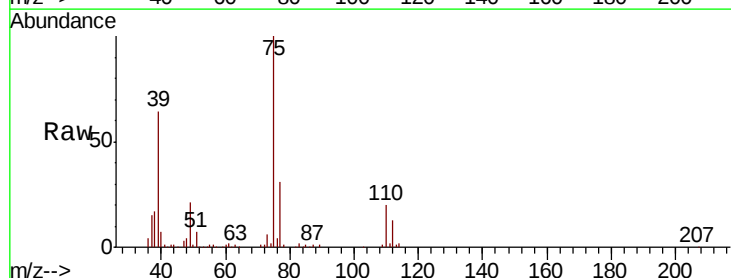
Tgt Ion: 75 Resp: 91130

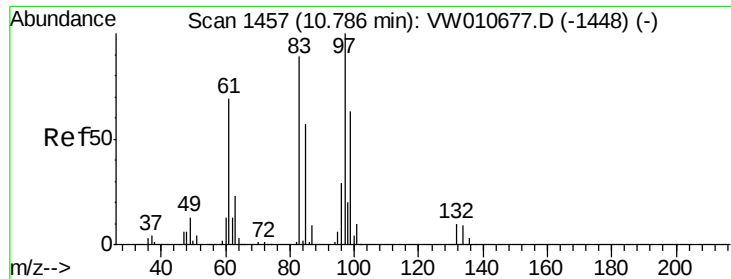
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 63.7 50.1 75.1

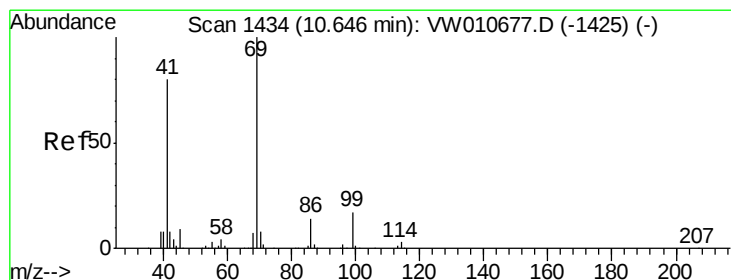
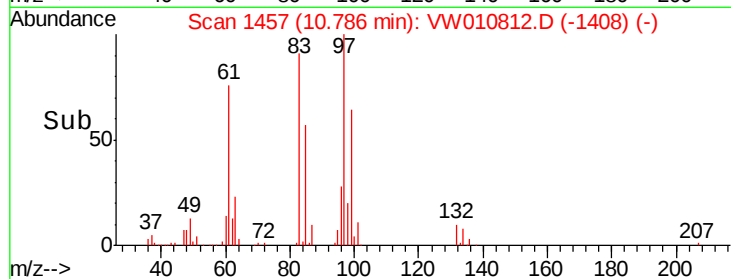
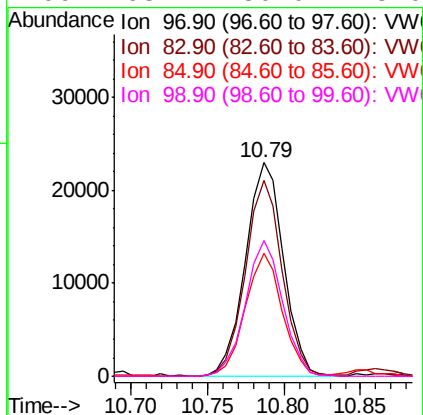
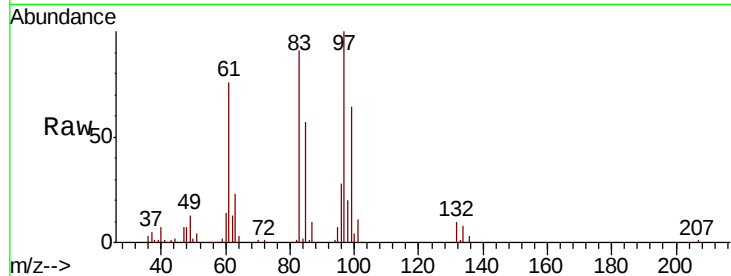




#55
 1,1,2-Trichloroethane
 Concen: 21.153 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

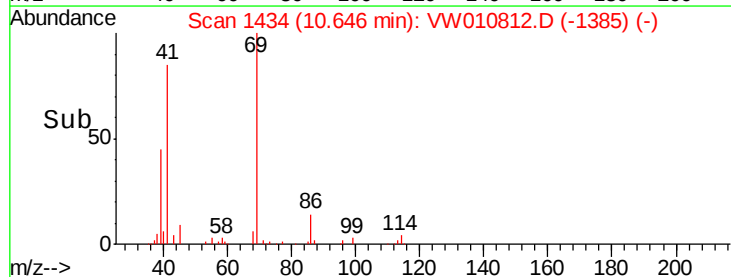
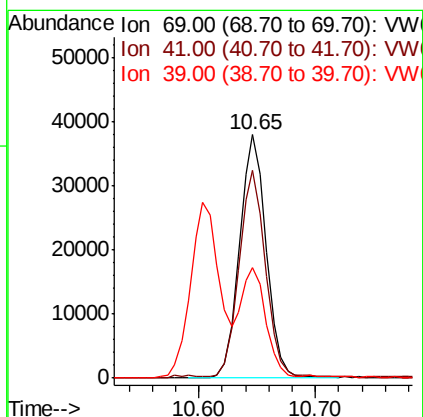
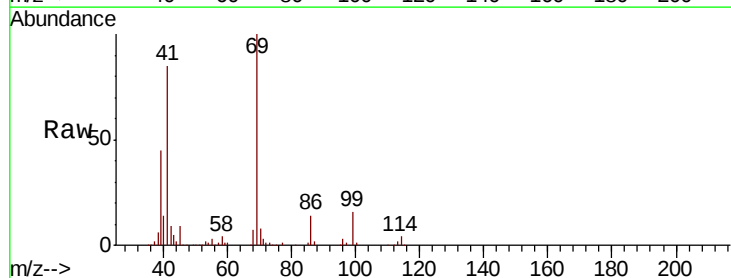
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tgt Ion:	97	Resp:	39860
Ion	Ratio	Lower	Upper
97	100		
83	91.4	71.1	106.7
85	57.4	45.2	67.8
99	63.7	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 20.940 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion:	69	Resp:	60717
Ion	Ratio	Lower	Upper
69	100		
41	83.5	64.8	97.2
39	43.6	32.2	48.2

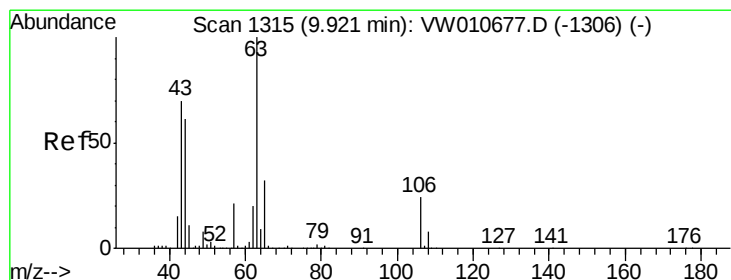
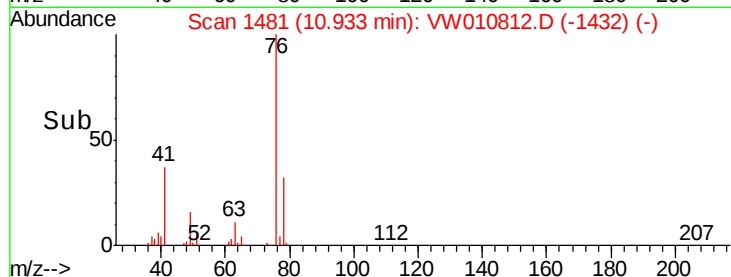
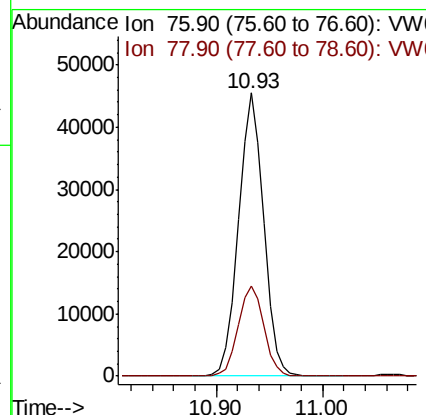
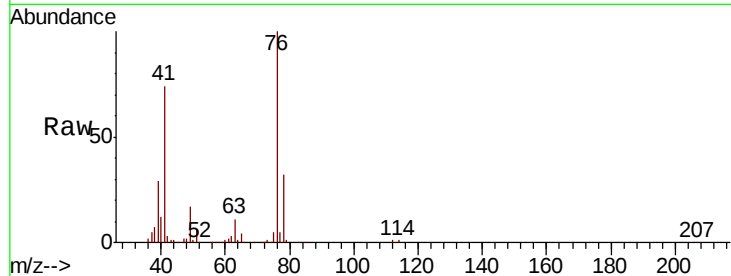




#57
 1,3-Dichloropropane
 Concen: 21.254 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

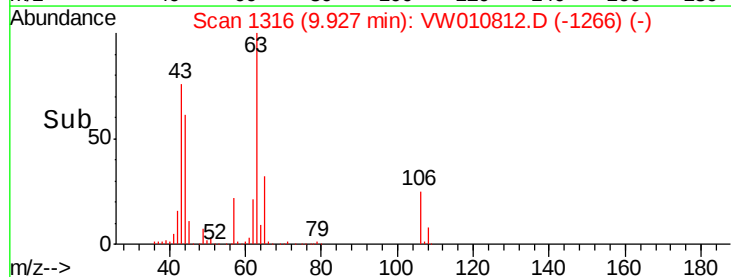
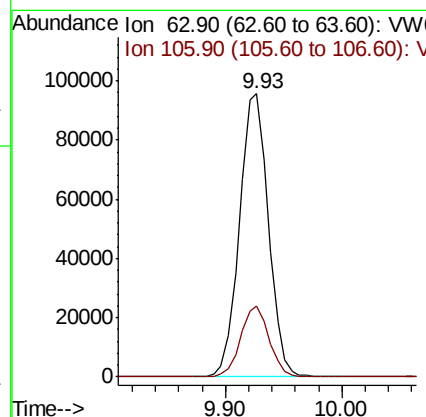
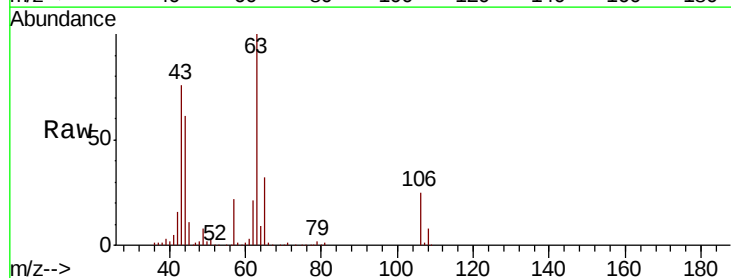
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

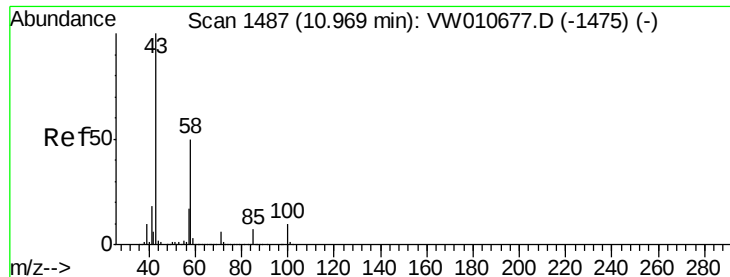
Tgt Ion: 76 Resp: 75476
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.332 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion: 63 Resp: 166043
 Ion Ratio Lower Upper
 63 100
 106 24.5 20.1 30.1

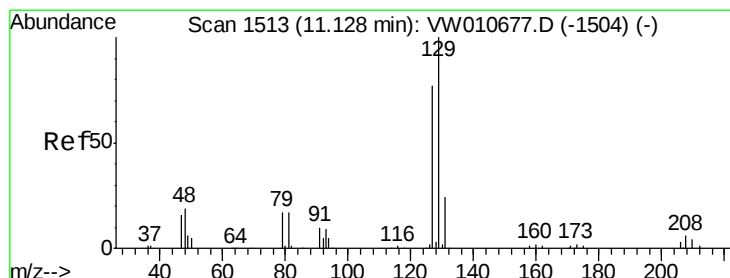
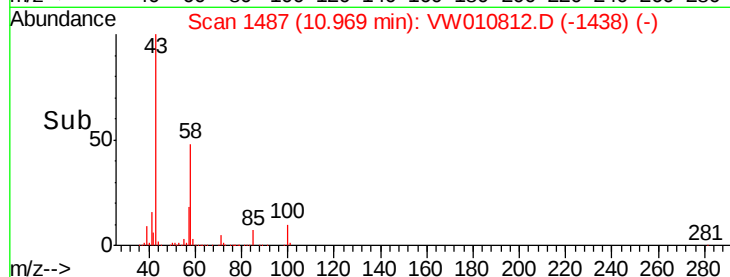
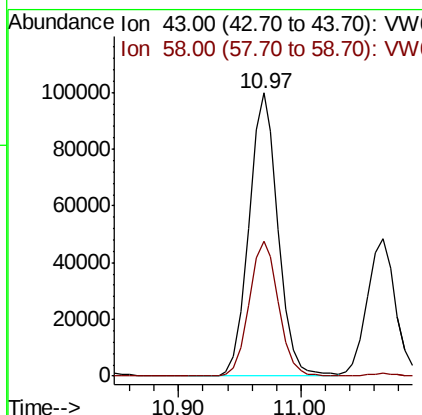
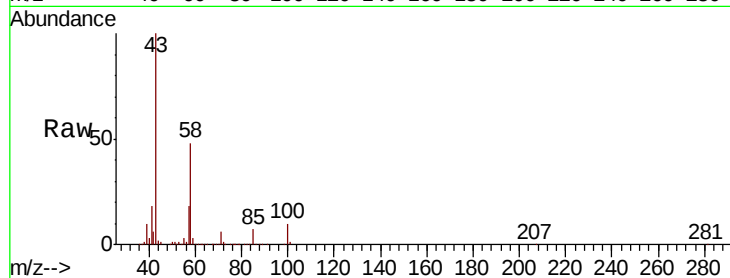




#59
2-Hexanone
Concen: 106.898 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

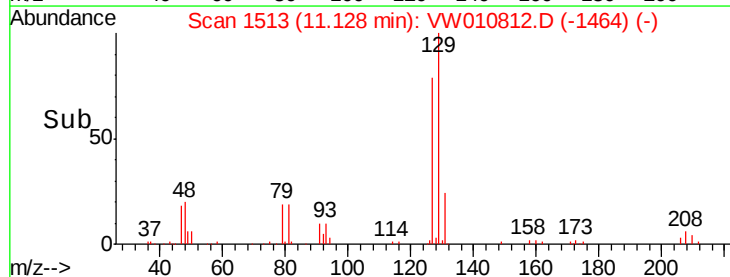
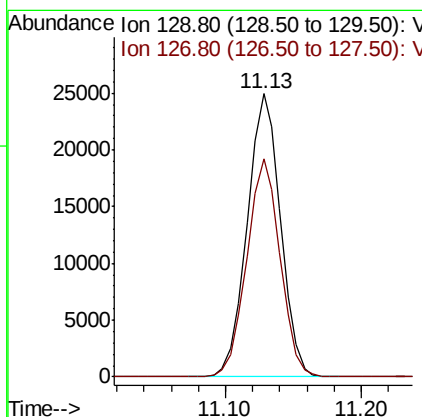
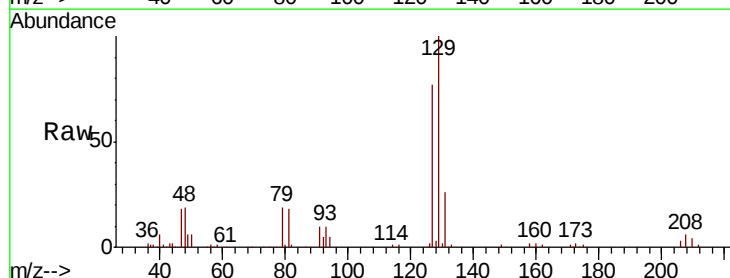
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

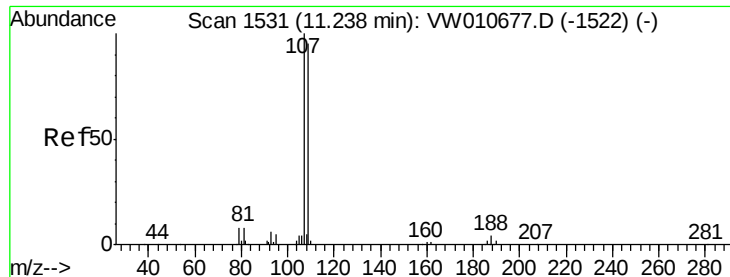
Tgt Ion: 43 Resp: 164775
Ion Ratio Lower Upper
43 100
58 48.3 24.9 74.6



#60
Dibromochloromethane
Concen: 20.476 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 129 Resp: 42771
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0

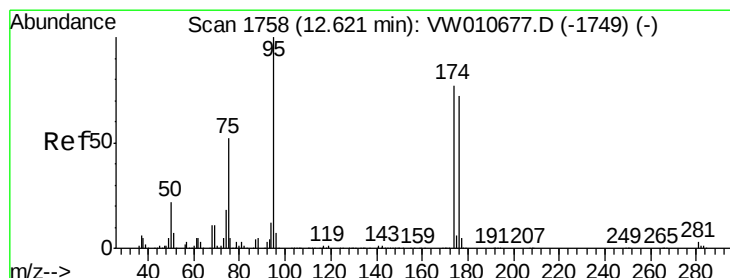
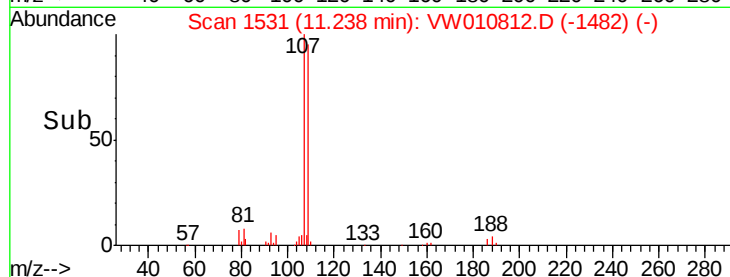
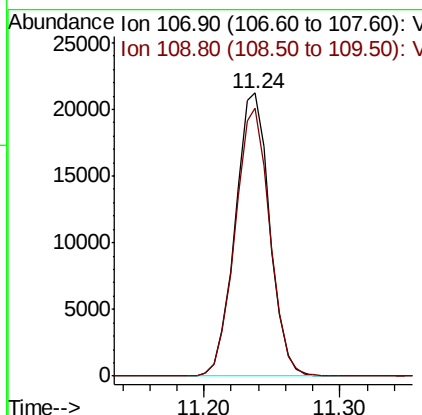
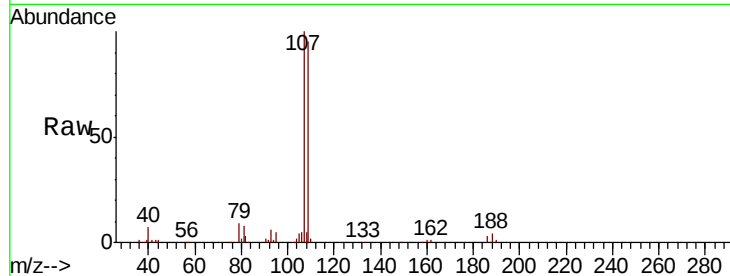




#61
1,2-Dibromoethane
Concen: 20.912 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

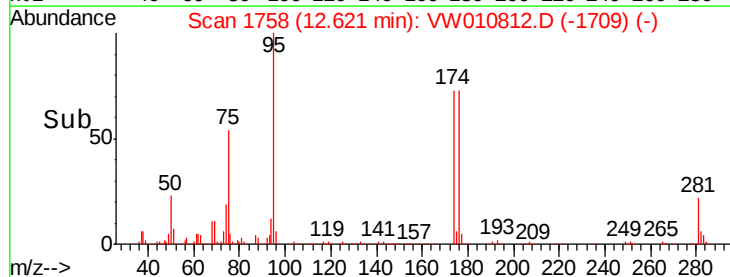
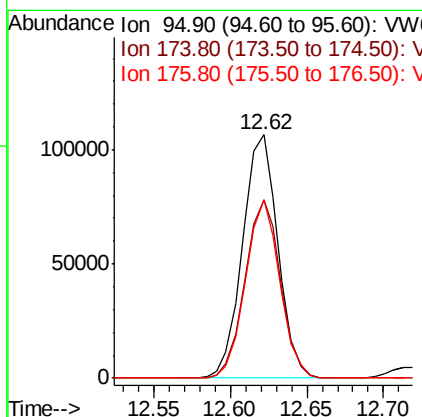
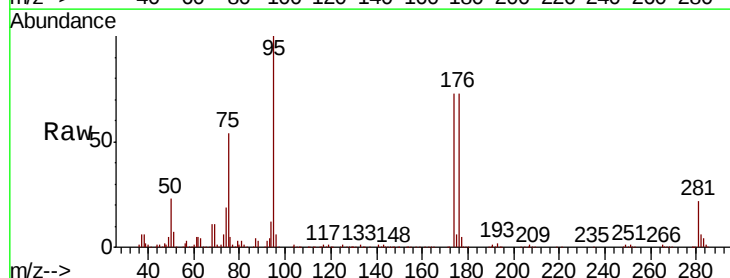
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

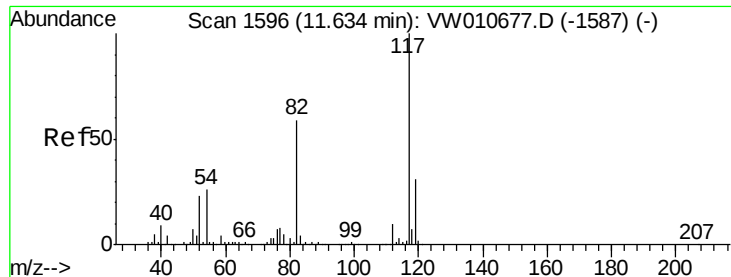
Tgt Ion: 107 Resp: 37335
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.737 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 95 Resp: 170710
Ion Ratio Lower Upper
95 100
174 73.5 0.0 150.4
176 71.1 0.0 144.8

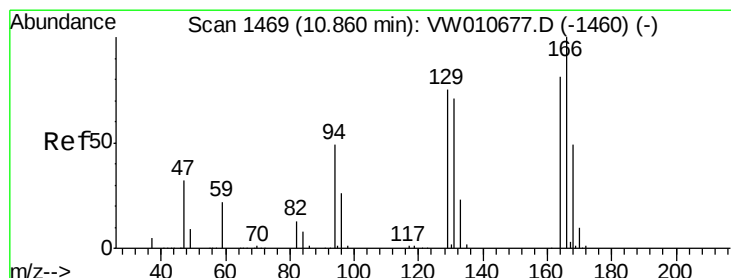
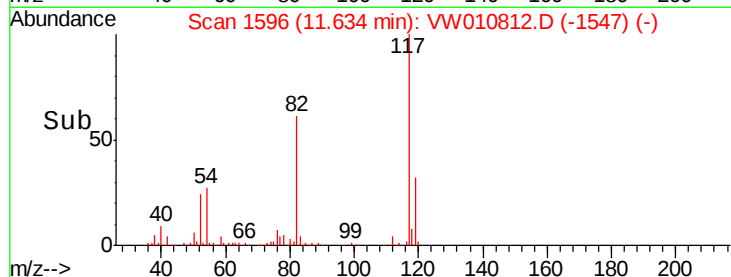
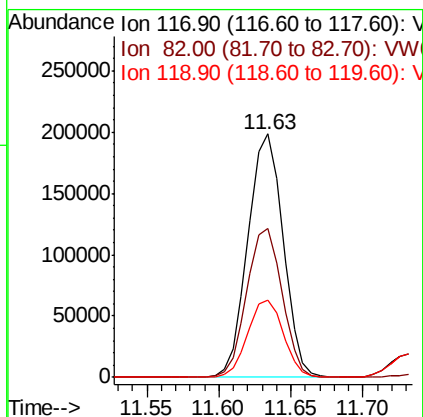
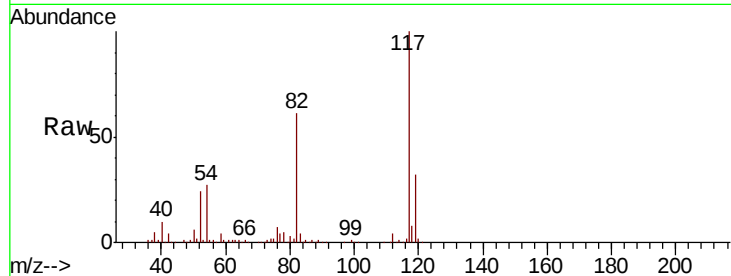




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

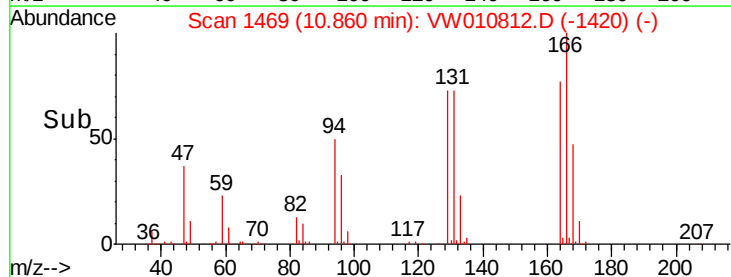
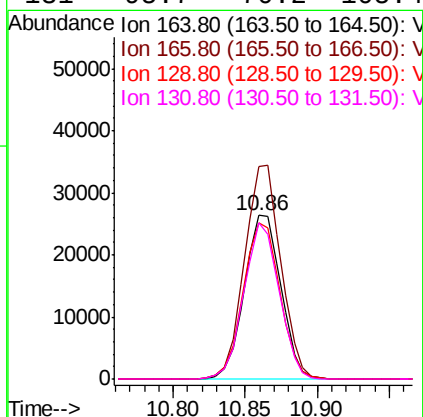
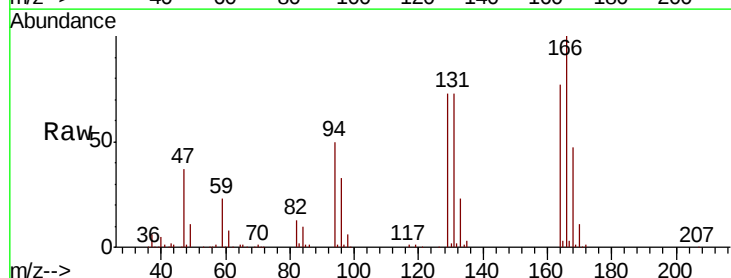
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

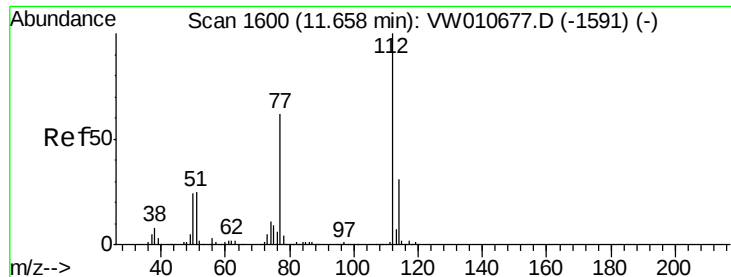
Tgt Ion:117 Resp: 336064
Ion Ratio Lower Upper
117 100
82 61.1 47.0 70.4
119 32.0 25.1 37.7



#64
Tetrachloroethene
Concen: 20.685 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion:164 Resp: 46154
Ion Ratio Lower Upper
164 100
166 130.2 99.2 148.8
129 95.2 74.6 112.0
131 95.7 70.2 105.4

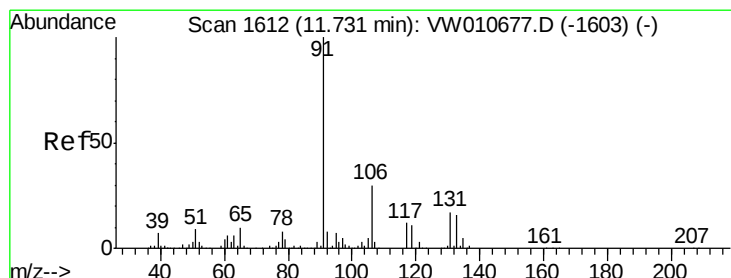
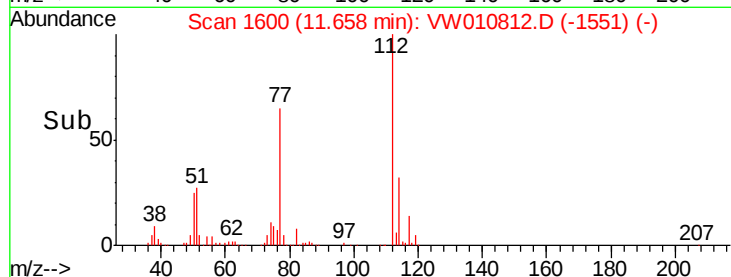
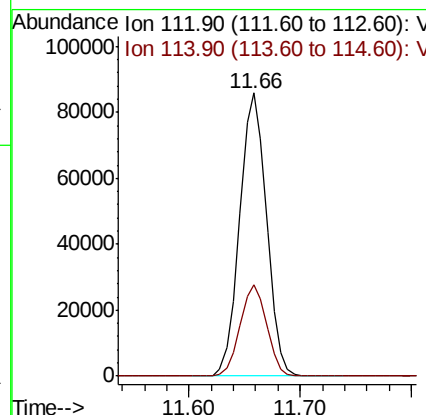
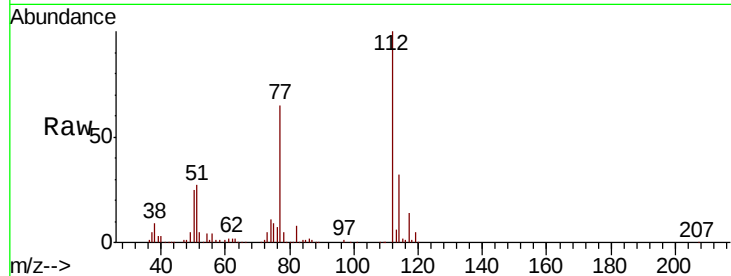




#65
Chlorobenzene
Concen: 21.644 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

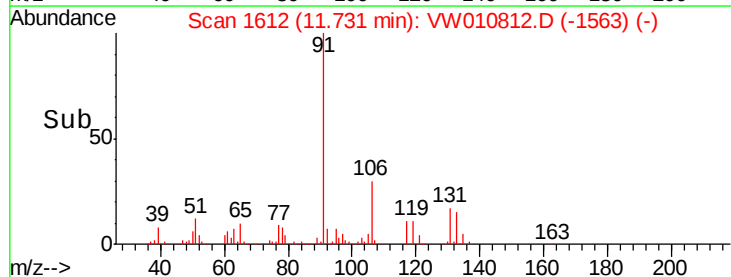
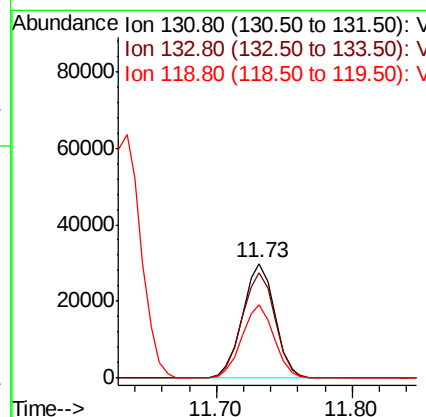
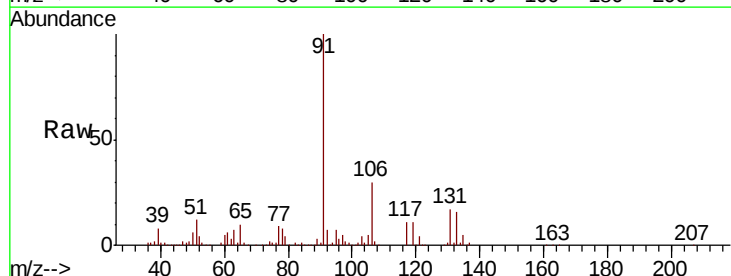
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

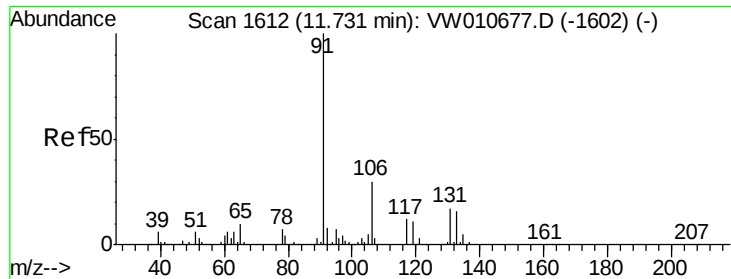
Tgt Ion:112 Resp: 143040
Ion Ratio Lower Upper
112 100
114 32.2 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.663 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion:131 Resp: 49559
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.9
119 63.5 32.4 97.0

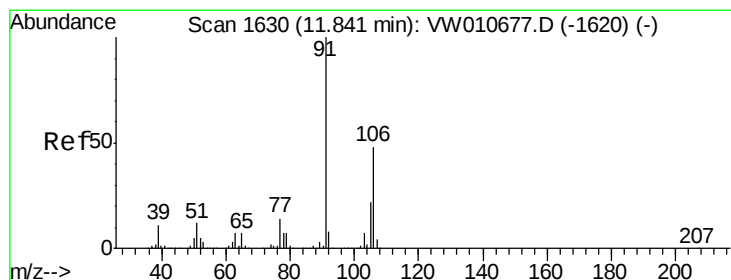
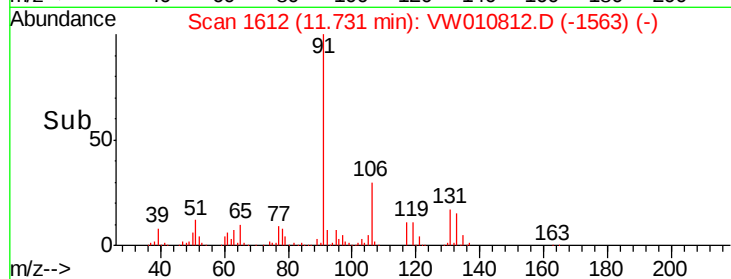
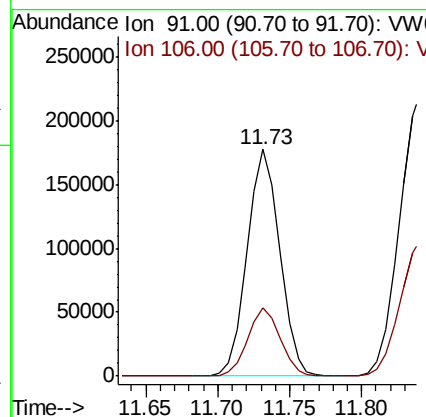
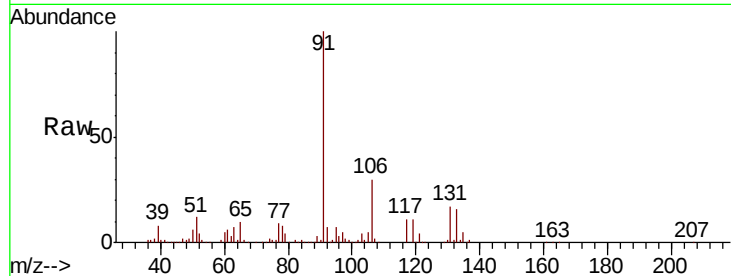




#67
Ethyl Benzene
Concen: 21.869 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

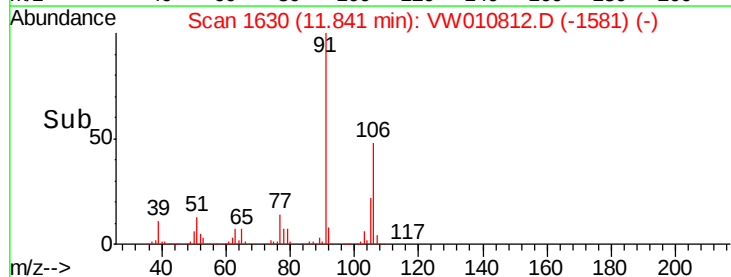
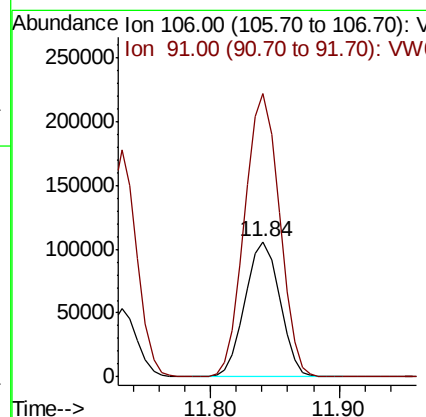
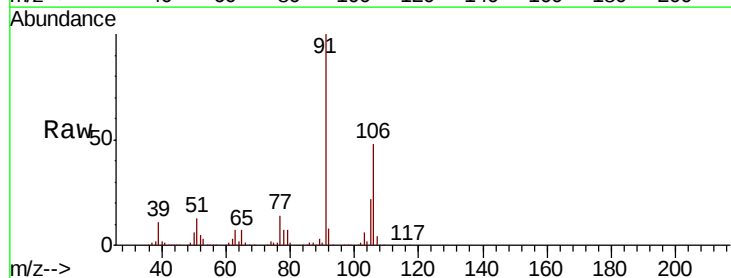
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

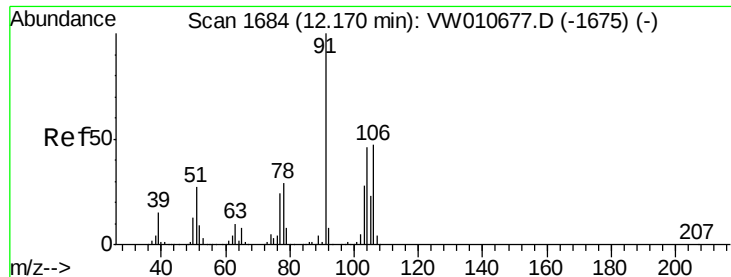
Tgt Ion: 91 Resp: 277756
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4



#68
m/p-Xylenes
Concen: 43.624 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion: 106 Resp: 198339
Ion Ratio Lower Upper
106 100
91 209.8 166.5 249.7

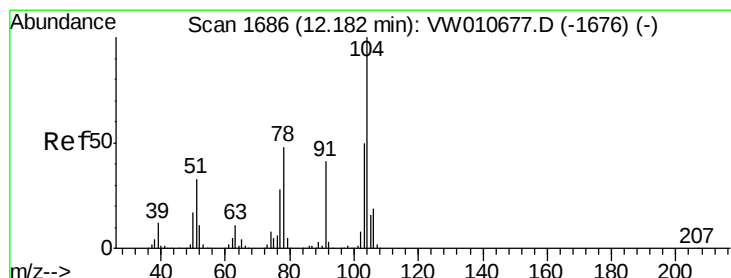
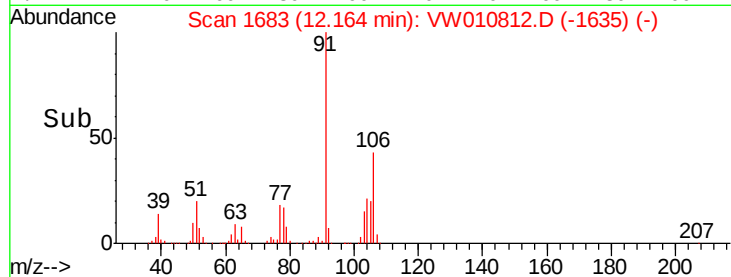
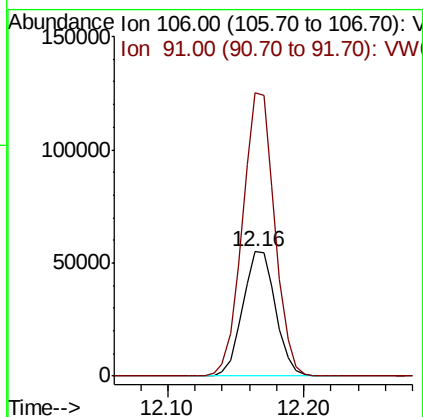
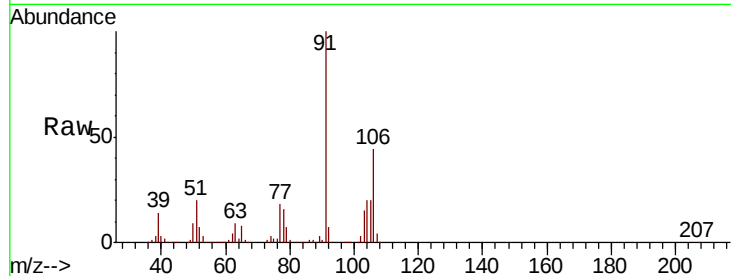




#69
o-Xylene
Concen: 21.479 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

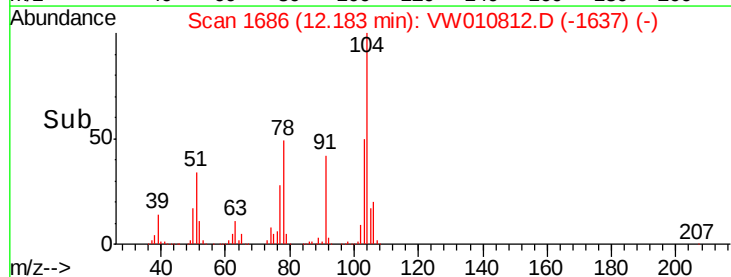
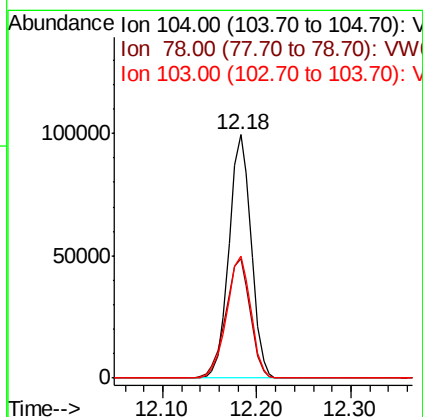
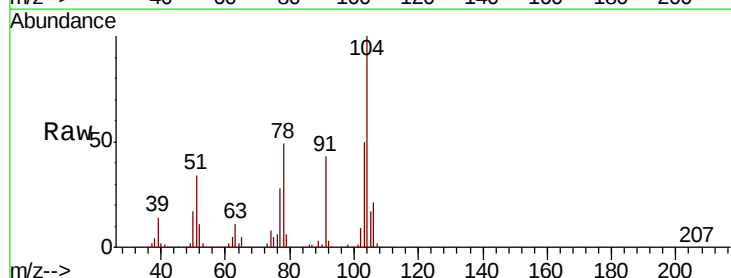
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

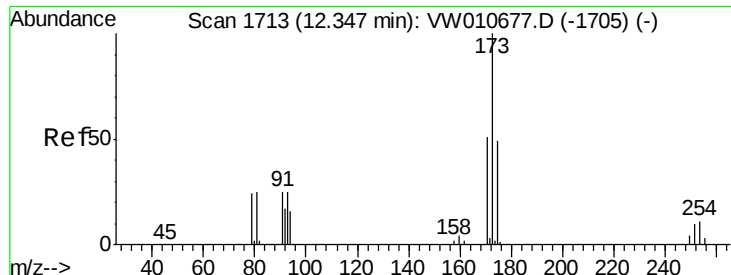
Tgt Ion:106 Resp: 92619
Ion Ratio Lower Upper
106 100
91 223.5 108.9 326.6



#70
Styrene
Concen: 21.680 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion:104 Resp: 162396
Ion Ratio Lower Upper
104 100
78 54.2 42.7 64.1
103 54.3 43.6 65.4





#71

Bromoform

Concen: 19.715 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

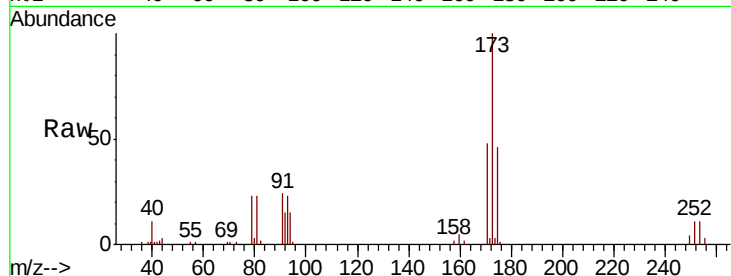
Tgt Ion:173 Resp: 23326

Ion Ratio Lower Upper

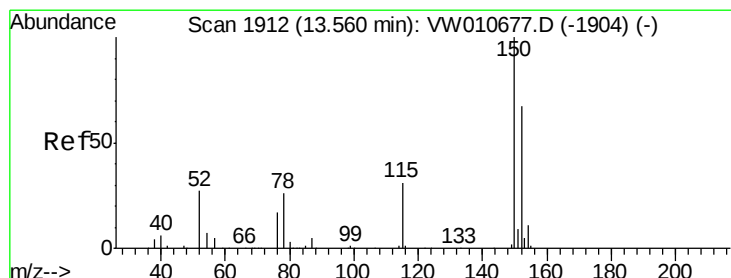
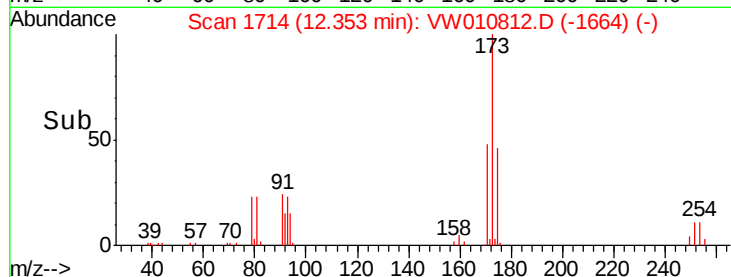
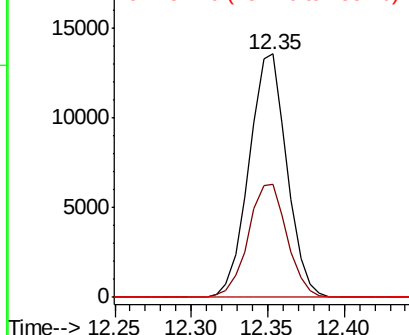
173 100

175 47.6 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: VW010812.D

Acq: 14 Jun 2019 14:15

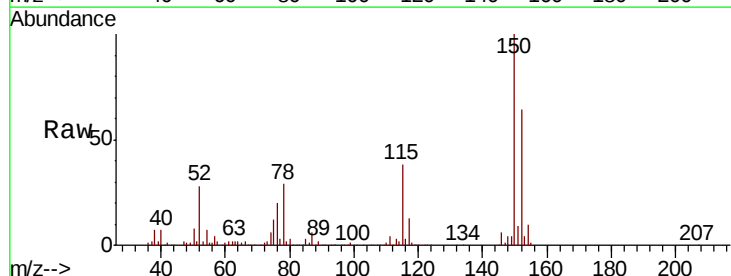
Tgt Ion:152 Resp: 164762

Ion Ratio Lower Upper

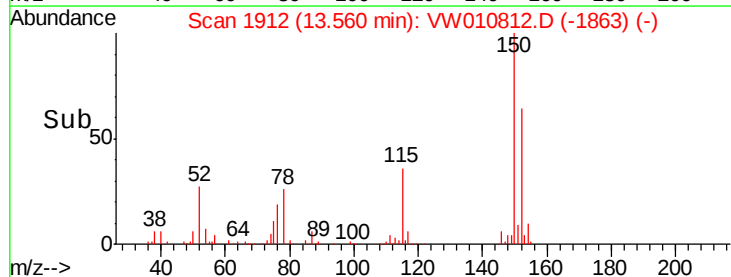
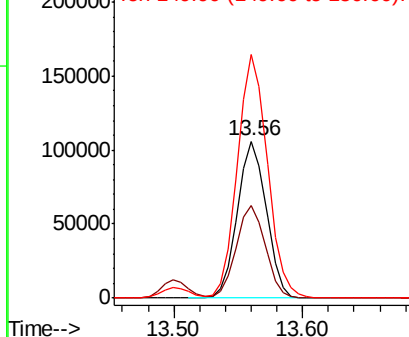
152 100

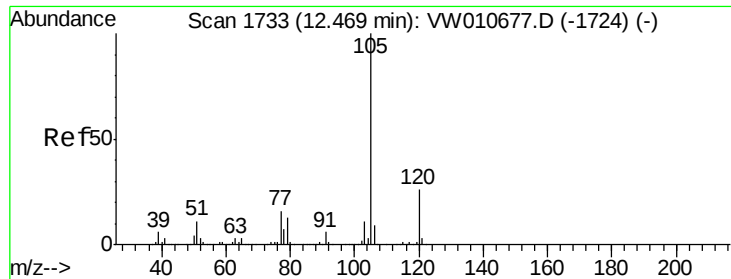
115 59.9 29.8 89.3

150 161.5 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: 21.326 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

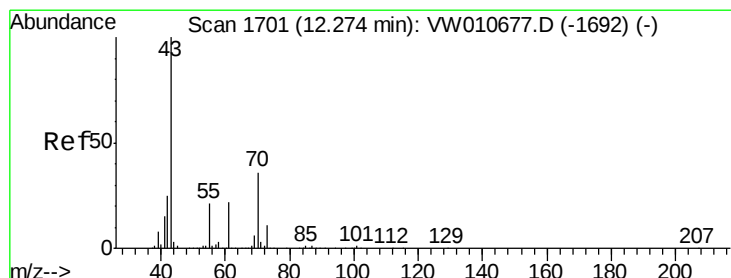
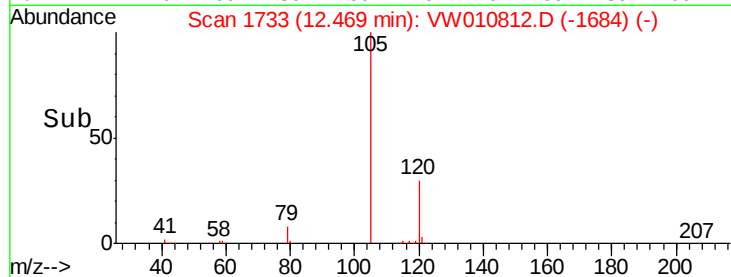
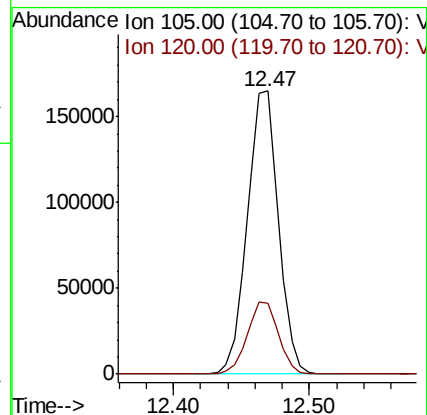
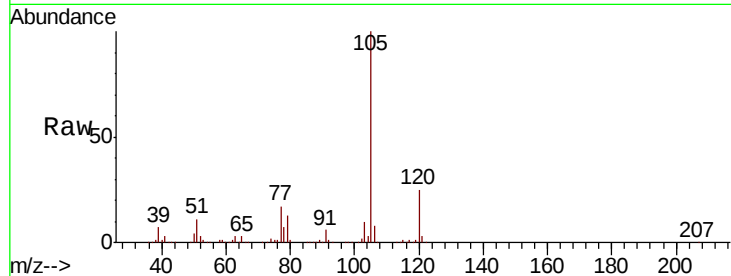
VW0614SBSD01

Tgt Ion: 105 Resp: 264047

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



#74

N-ethyl acetate

Concen: 21.170 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Tgt Ion: 43 Resp: 84710

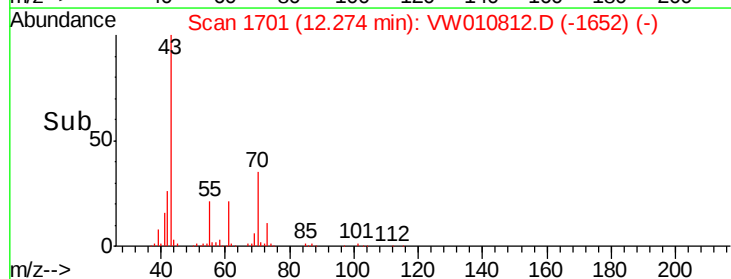
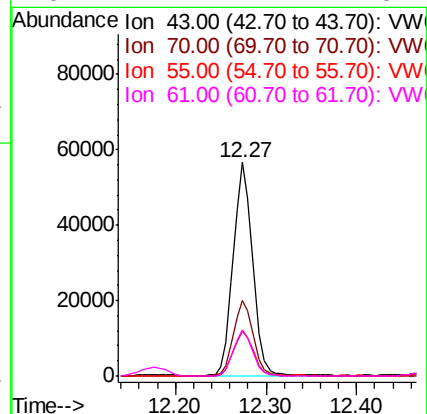
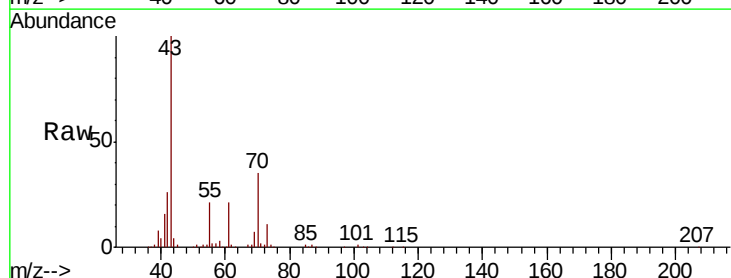
Ion Ratio Lower Upper

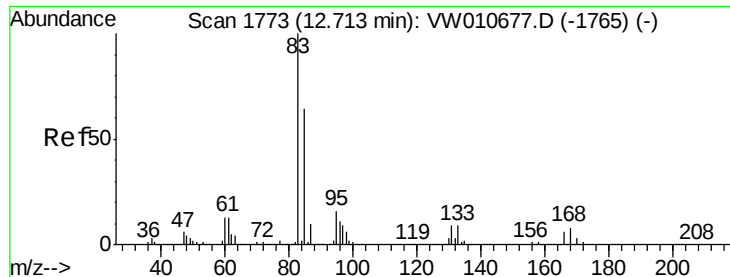
43 100

70 35.8 29.2 43.8

55 21.8 17.5 26.3

61 21.2 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.224 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

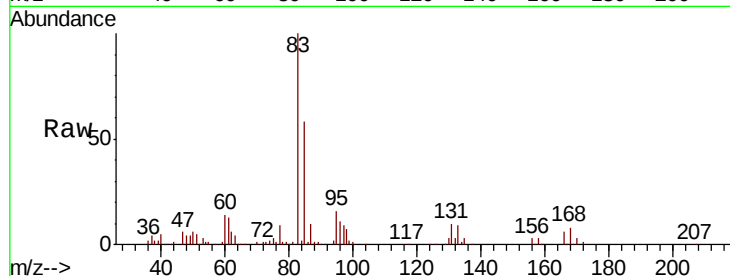
Tgt Ion: 83 Resp: 47670

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

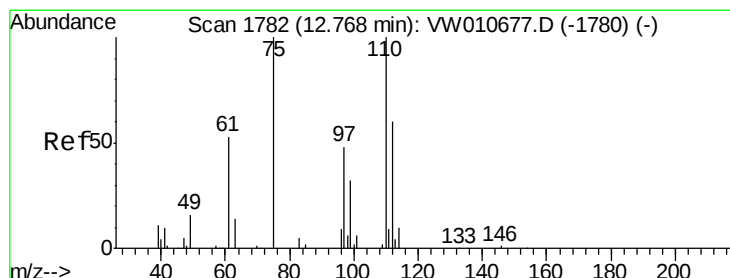
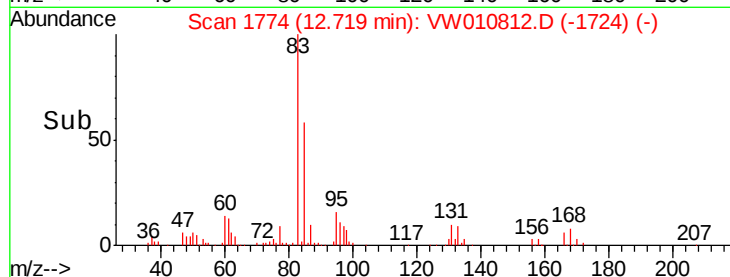
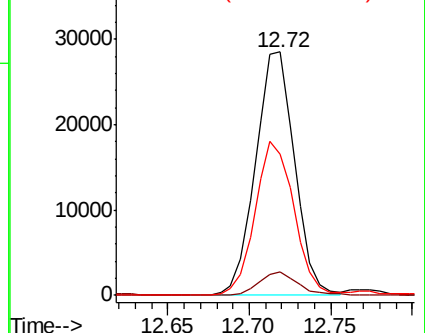
85 62.6 31.9 95.9



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: 36.877 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010812.D

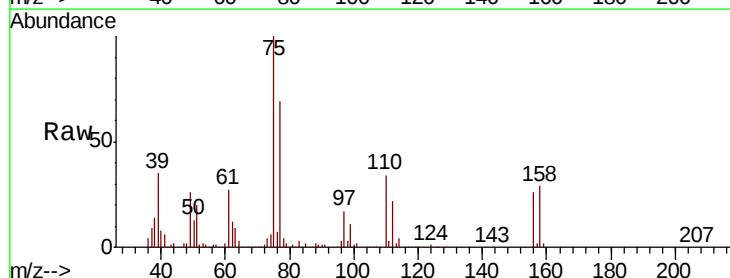
Acq: 14 Jun 2019 14:15

Tgt Ion: 75 Resp: 63805

Ion Ratio Lower Upper

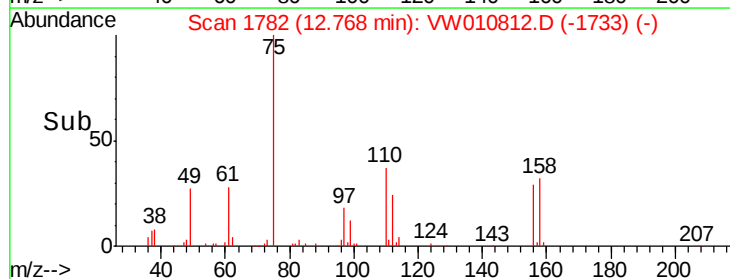
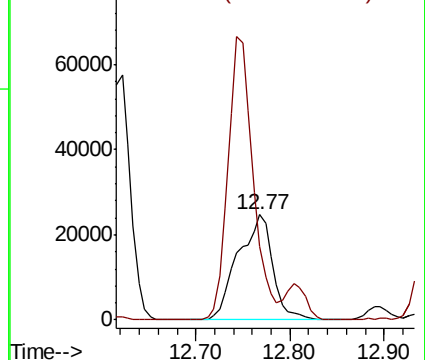
75 100

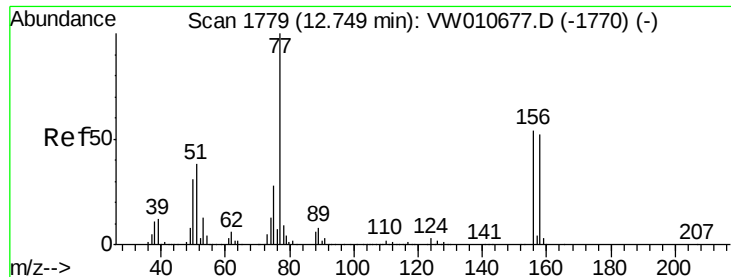
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.746 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

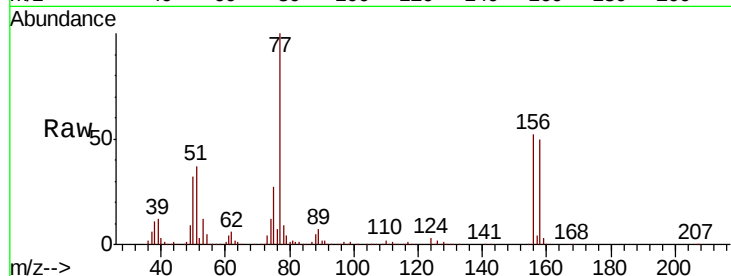
Tgt Ion:156 Resp: 56069

Ion Ratio Lower Upper

156 100

77 219.7 106.5 319.4

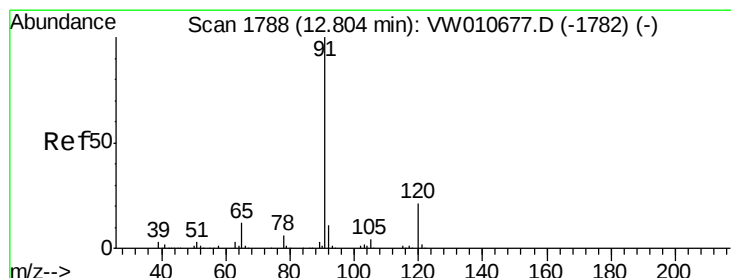
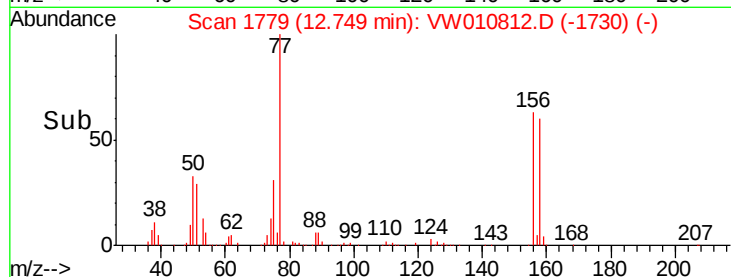
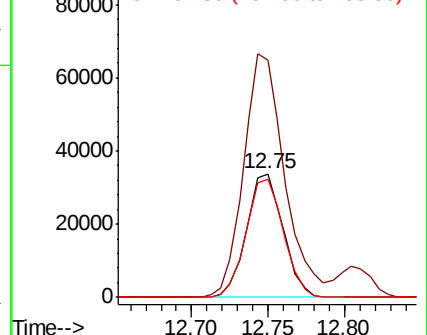
158 98.1 48.3 144.9



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: 21.574 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010812.D

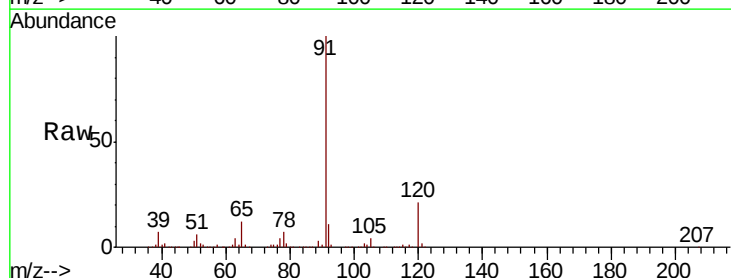
Acq: 14 Jun 2019 14:15

Tgt Ion: 91 Resp: 322090

Ion Ratio Lower Upper

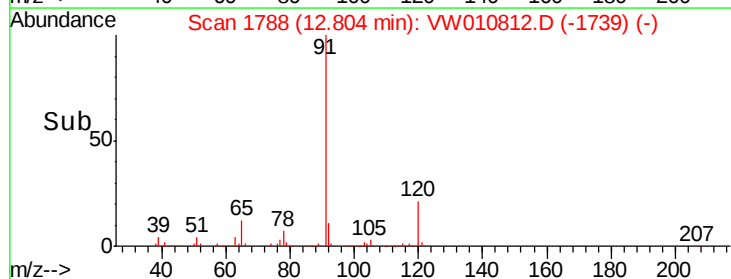
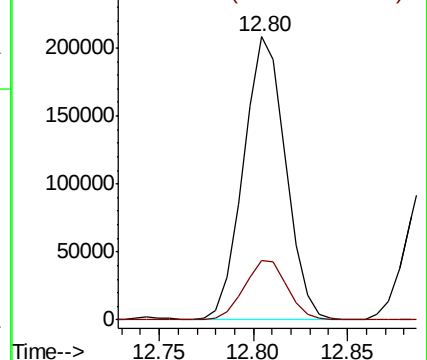
91 100

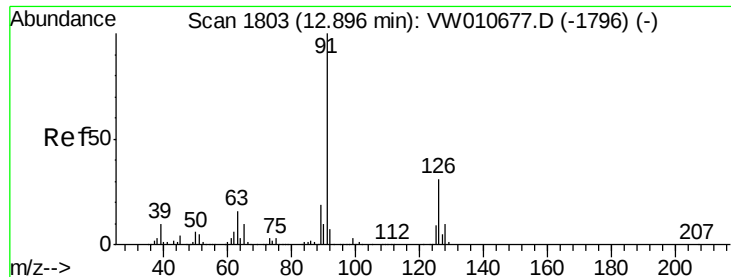
120 21.4 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

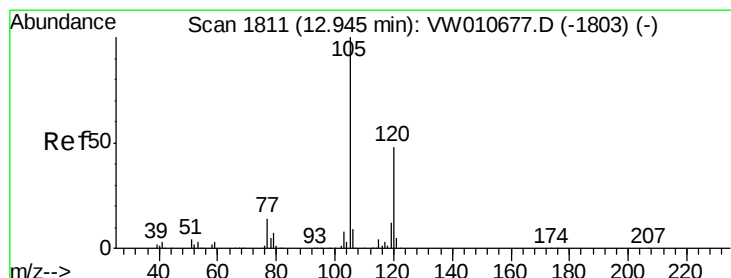
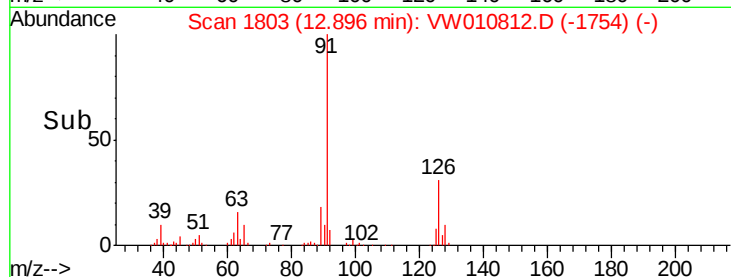
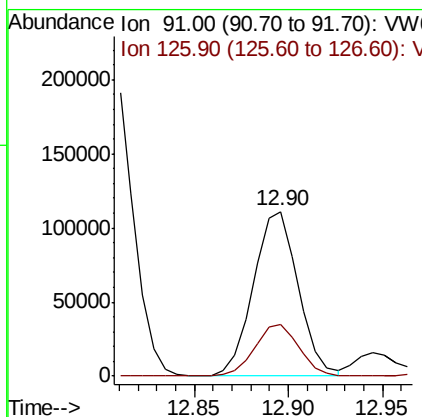
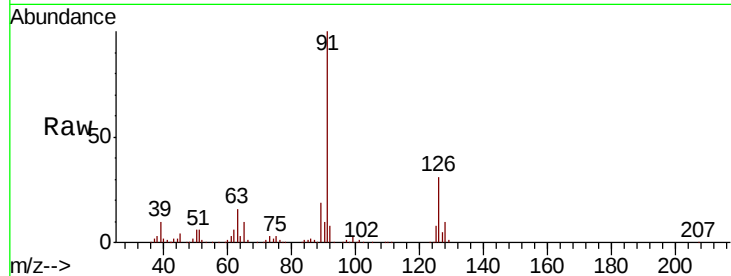




#79
 2-Chlorotoluene
 Concen: 21.397 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

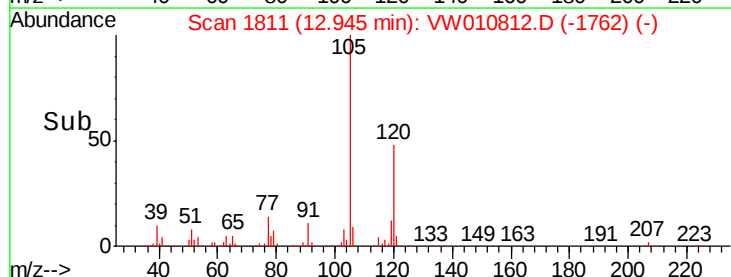
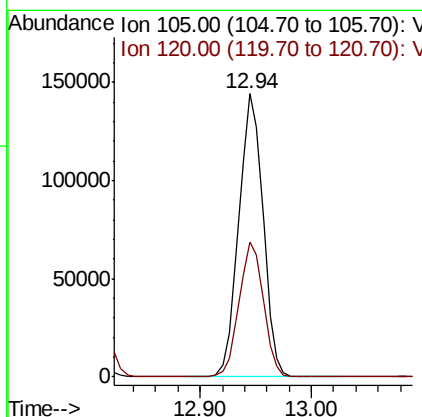
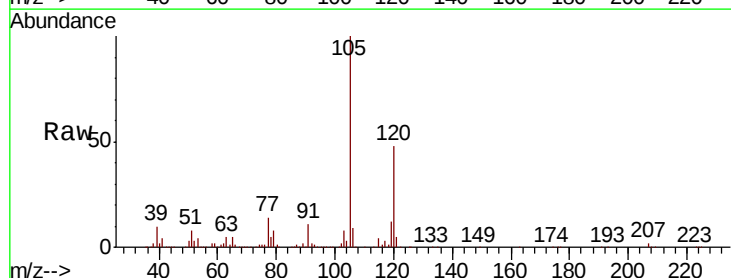
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

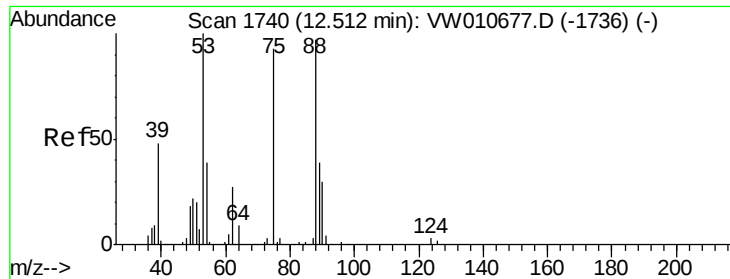
Tgt Ion: 91 Resp: 182502
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.496 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion: 105 Resp: 217848
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.580 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

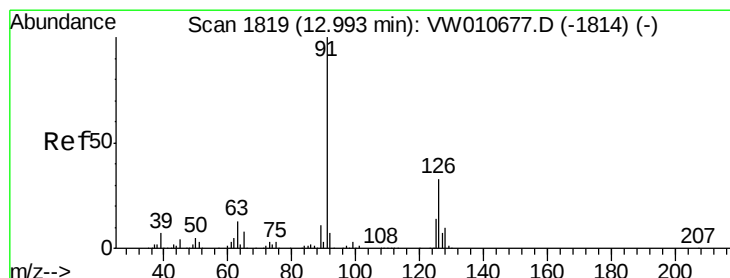
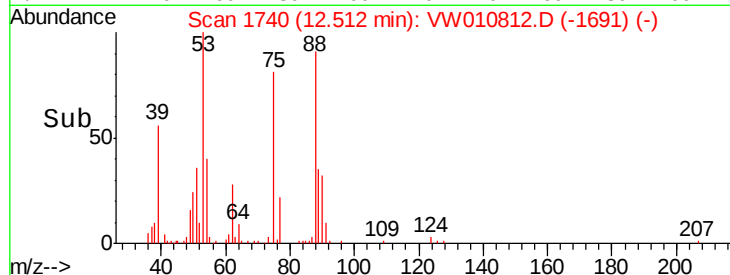
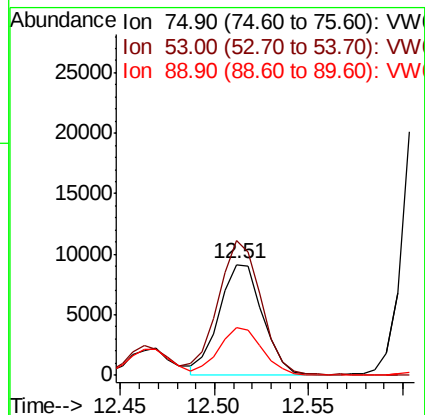
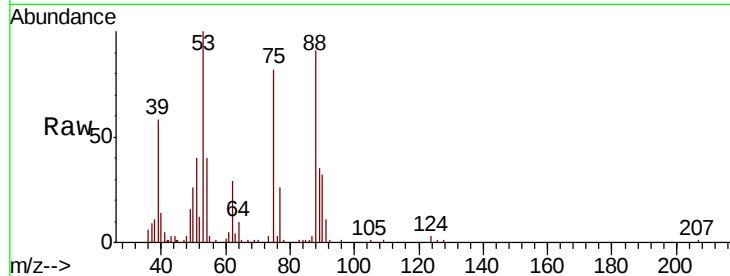
Tgt Ion: 75 Resp: 14740

Ion Ratio Lower Upper

75 100

53 122.7 90.1 135.1

89 43.5 34.6 52.0



#82

4-Chlorotoluene

Concen: 21.412 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW010812.D

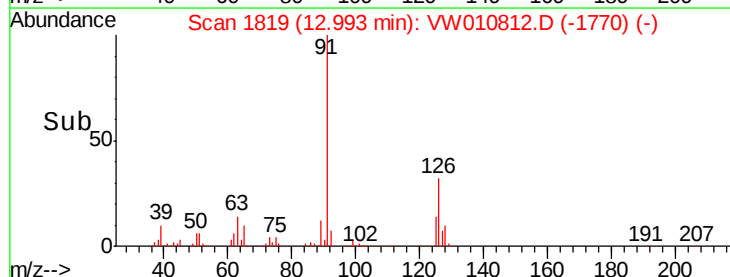
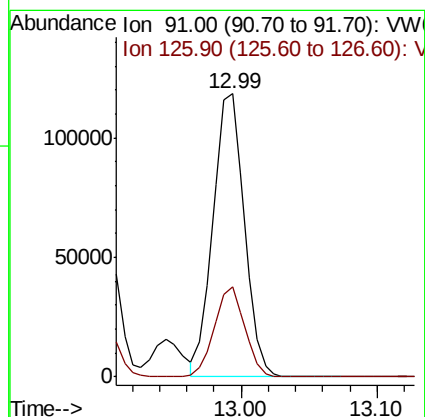
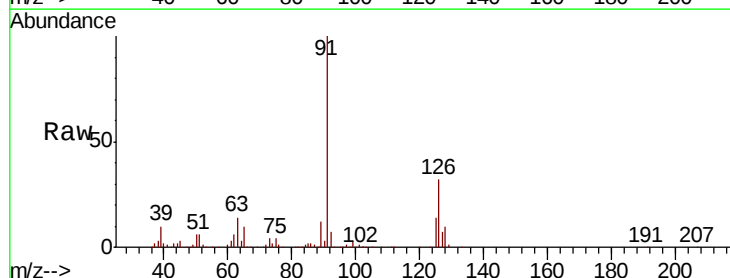
Acq: 14 Jun 2019 14:15

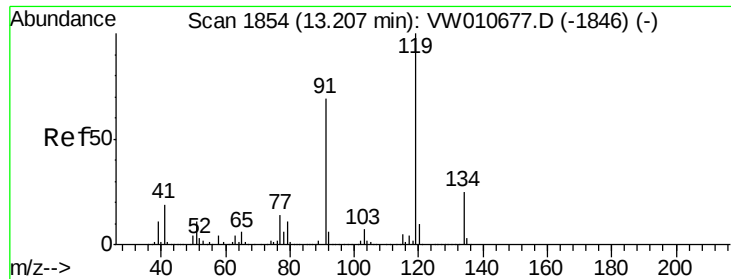
Tgt Ion: 91 Resp: 188466

Ion Ratio Lower Upper

91 100

126 31.1 15.9 47.7





#83

tert-Butylbenzene

Concen: 21.562 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

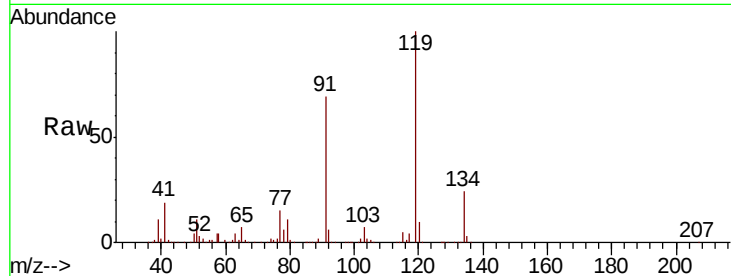
Tgt Ion:119 Resp: 185445

Ion Ratio Lower Upper

119 100

91 70.2 35.1 105.3

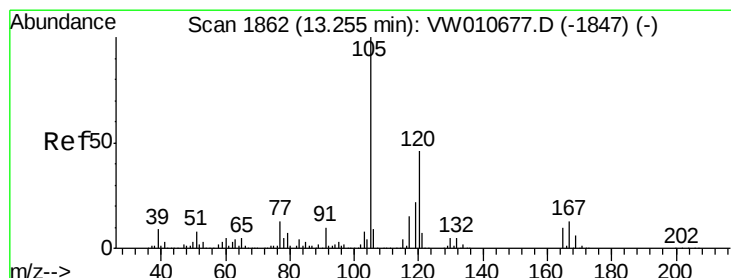
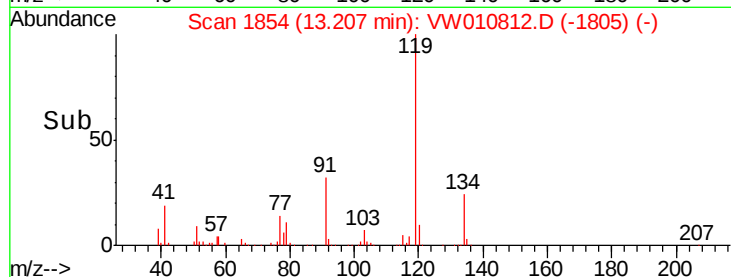
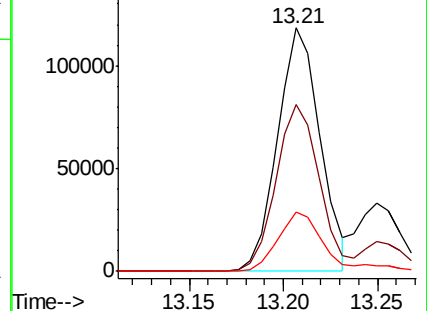
134 24.5 13.6 40.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.542 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW010812.D

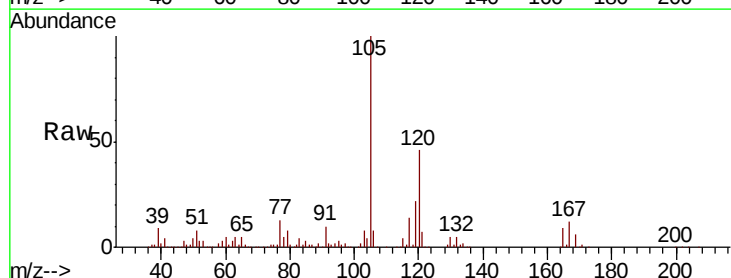
Acq: 14 Jun 2019 14:15

Tgt Ion:105 Resp: 219687

Ion Ratio Lower Upper

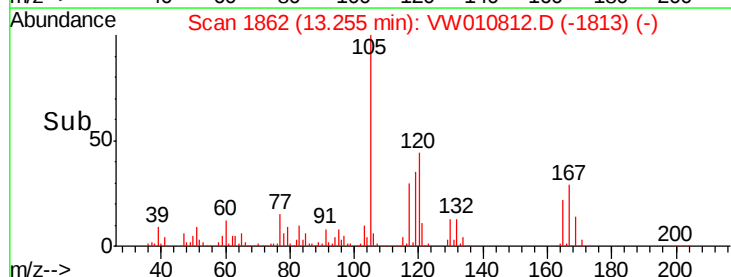
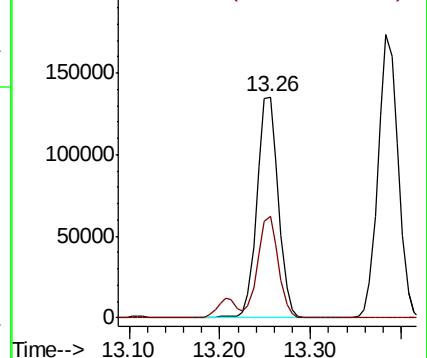
105 100

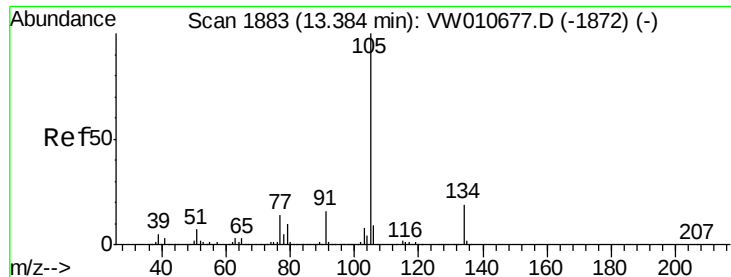
120 44.3 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

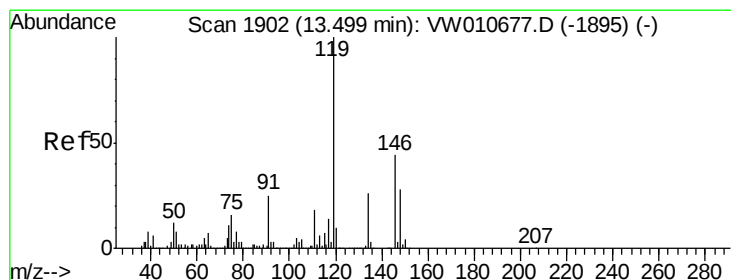
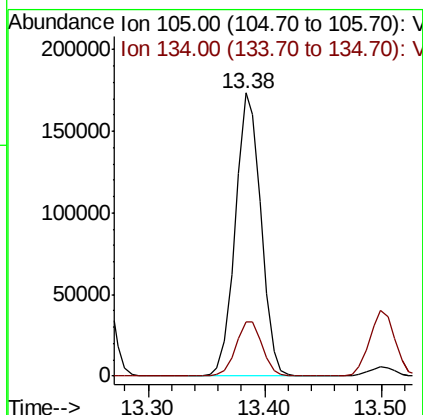
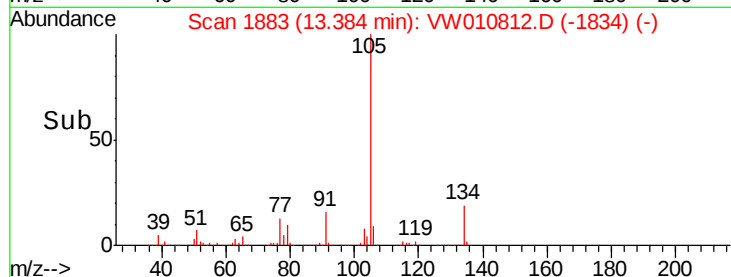
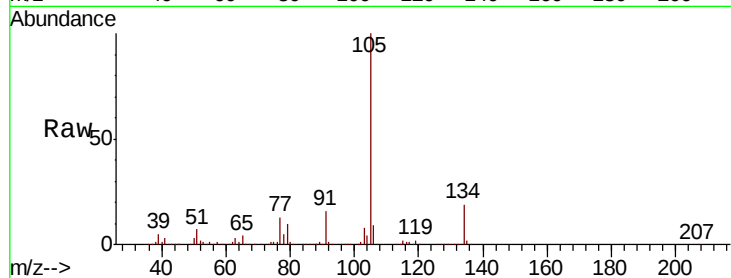




#85
 sec-Butylbenzene
 Concen: 21.206 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

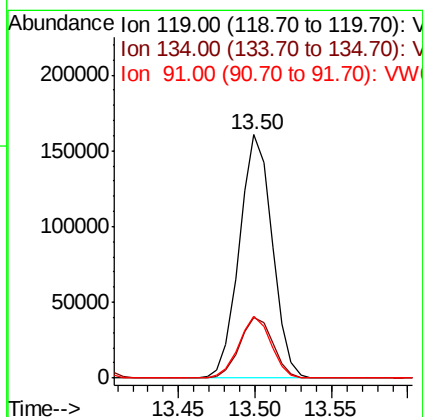
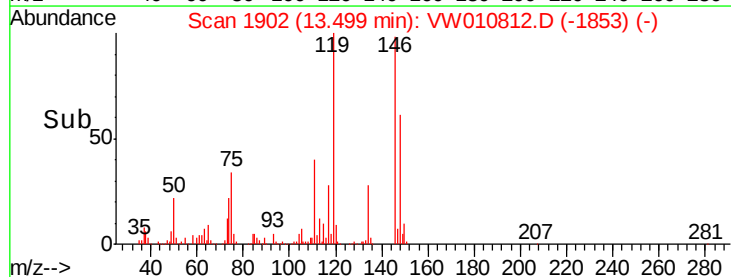
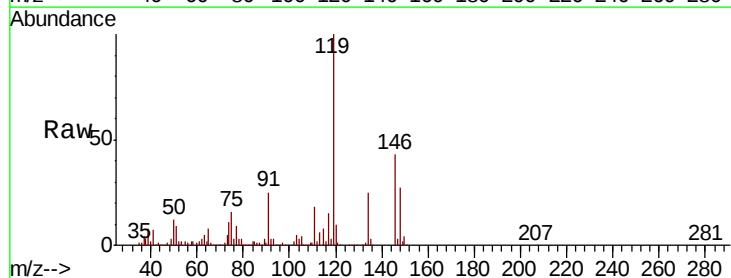
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

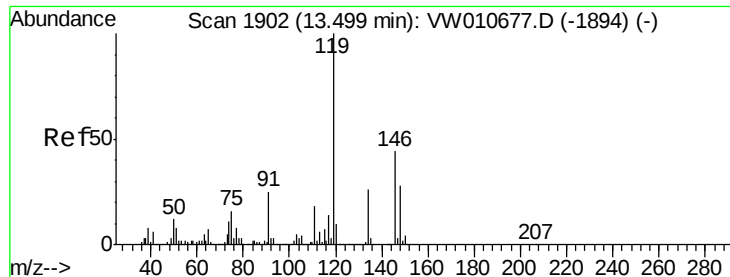
Tgt Ion:105 Resp: 265548
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.335 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion:119 Resp: 238912
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.8 12.2 36.4

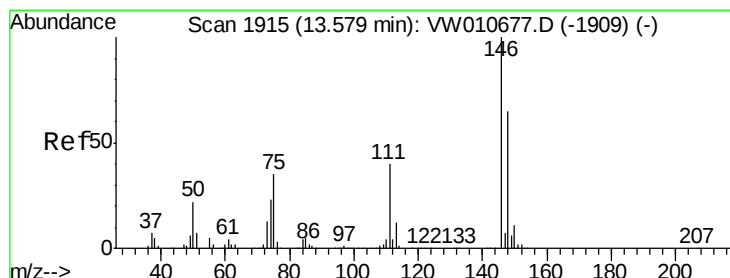
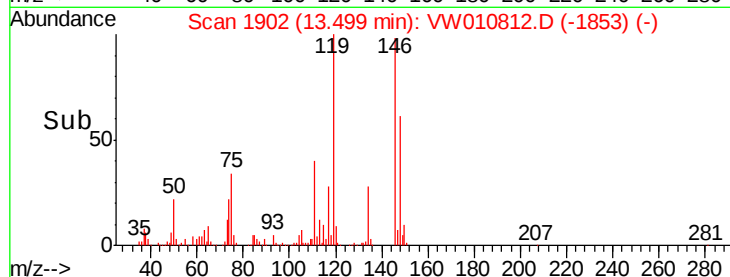
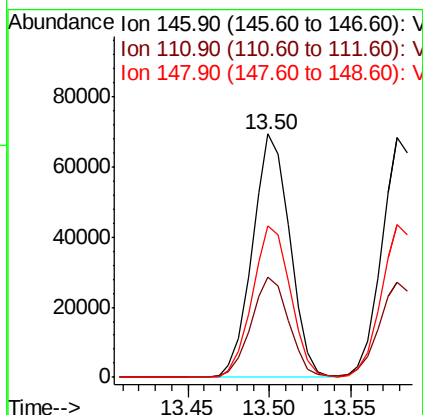
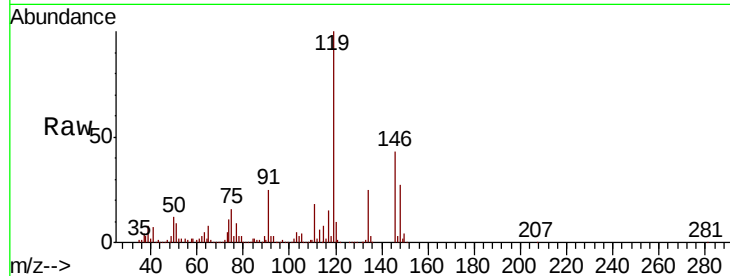




#87
 1,3-Dichlorobenzene
 Concen: 21.258 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

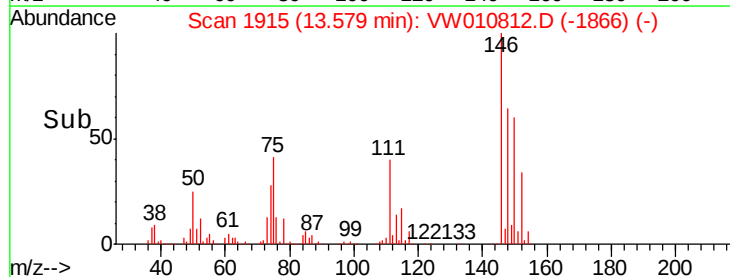
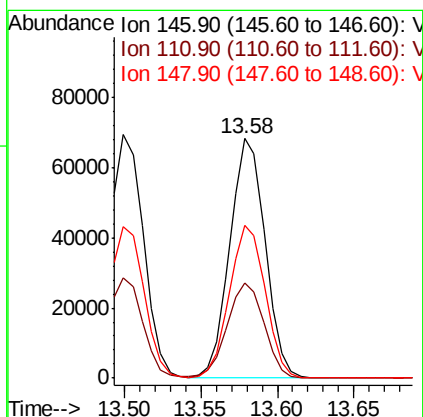
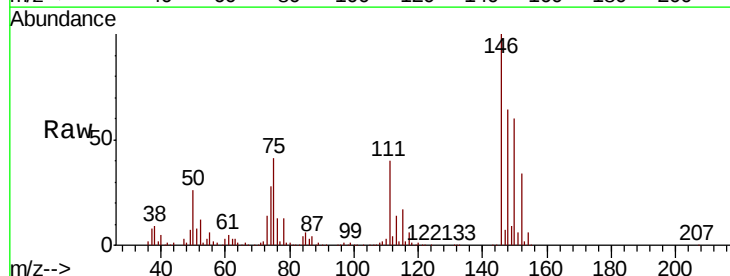
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

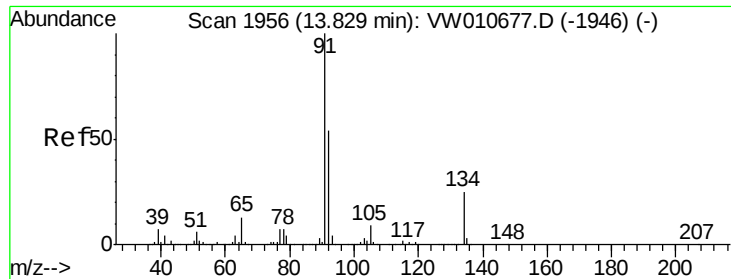
Tgt Ion:146 Resp: 110792
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.4 61.3
 148 63.4 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 21.162 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion:146 Resp: 109346
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.3 60.9
 148 64.7 32.4 97.2





#89

n-Butylbenzene

Concen: 21.960 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

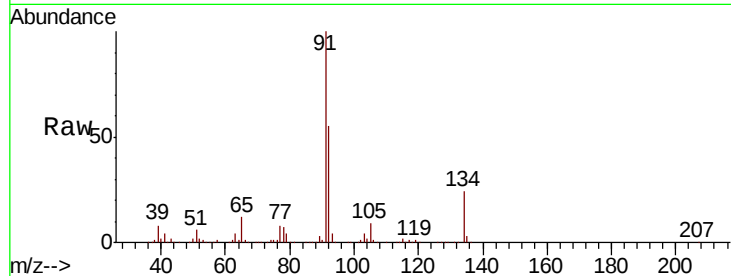
Tgt Ion: 91 Resp: 245360

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.8

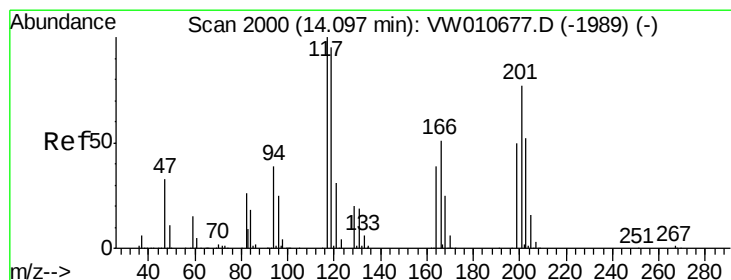
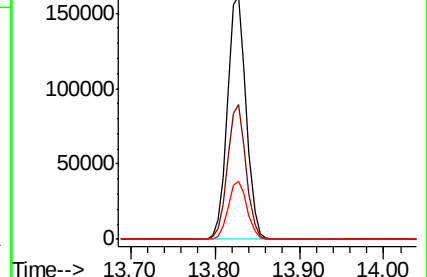
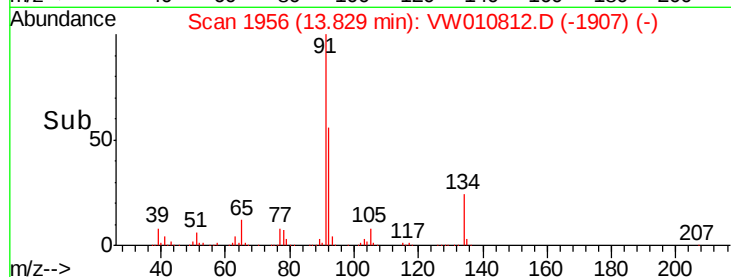
134 23.9 12.3 36.9



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: 21.120 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010812.D

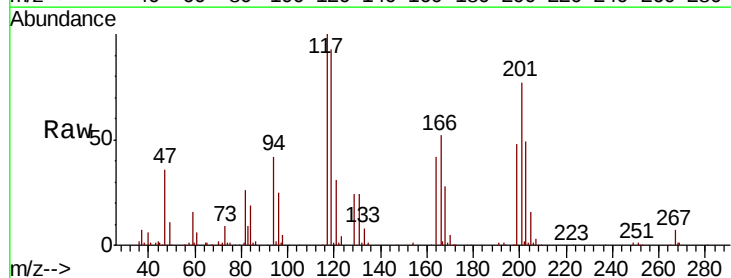
Acq: 14 Jun 2019 14:15

Tgt Ion: 117 Resp: 42354

Ion Ratio Lower Upper

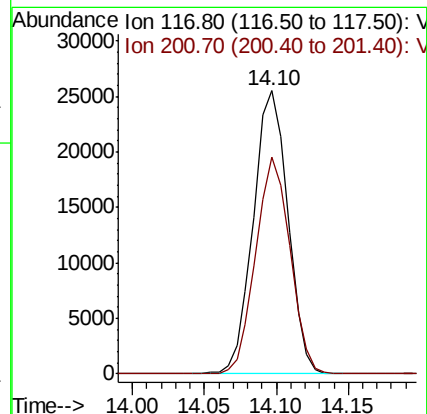
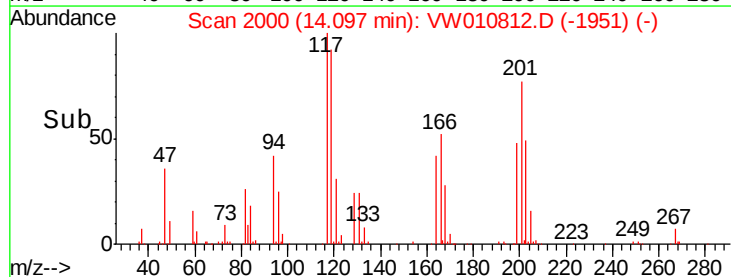
117 100

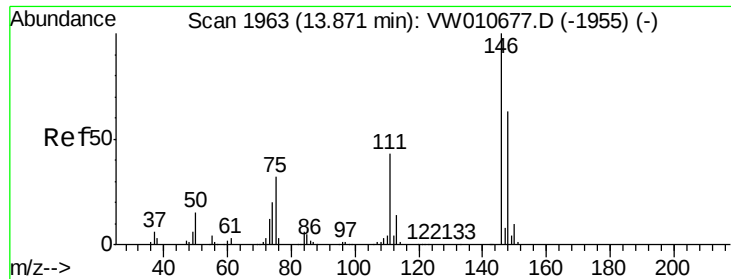
201 76.0 38.8 116.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.092 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

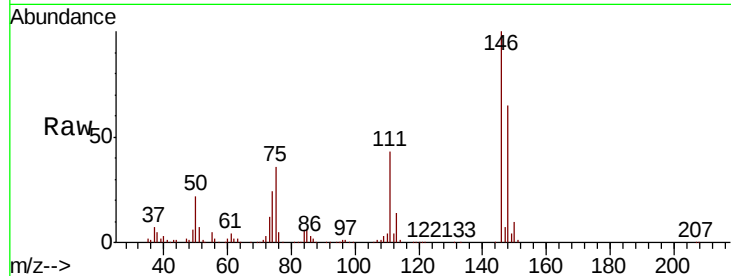
Tgt Ion:146 Resp: 98860

Ion Ratio Lower Upper

146 100

111 43.4 21.5 64.5

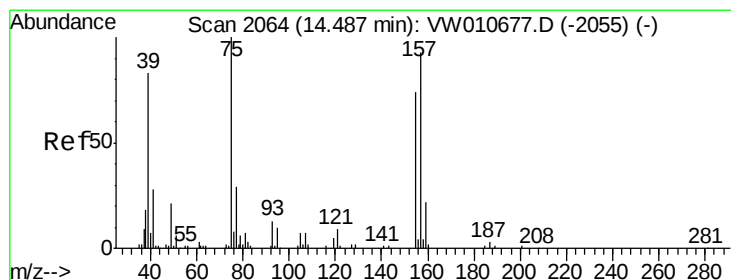
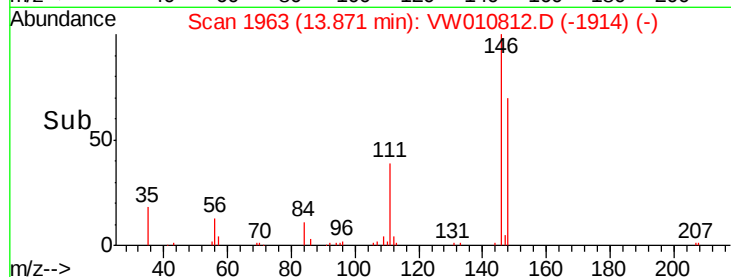
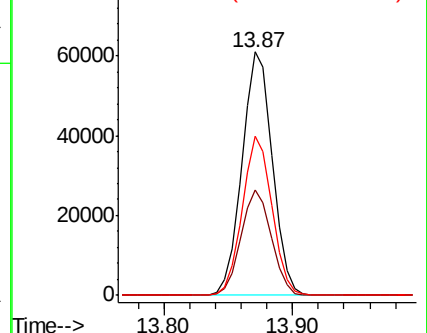
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.035 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010812.D

Acq: 14 Jun 2019 14:15

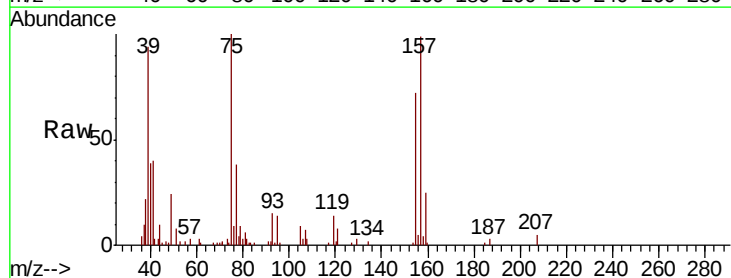
Tgt Ion: 75 Resp: 8514

Ion Ratio Lower Upper

75 100

155 71.2 38.8 116.4

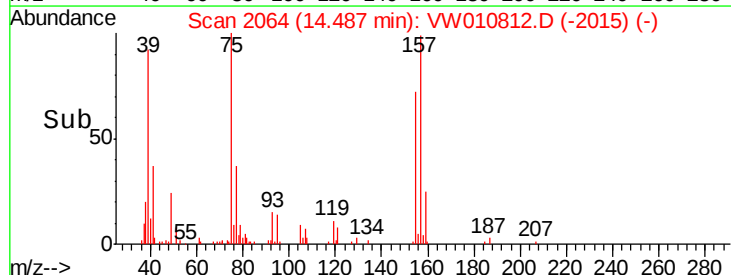
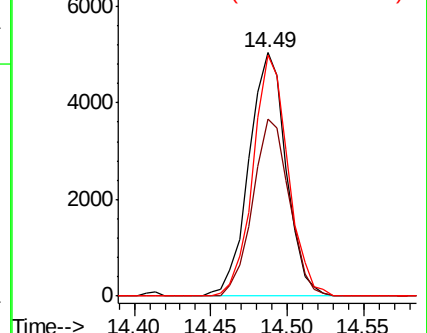
157 93.0 48.4 145.0

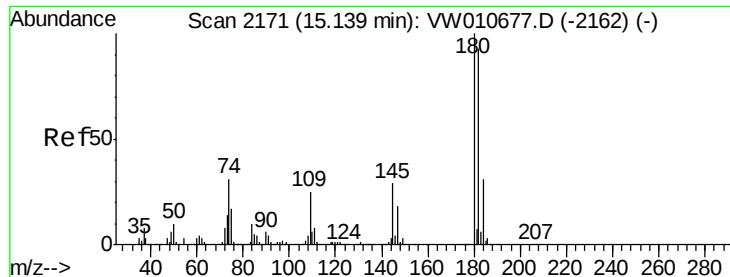


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

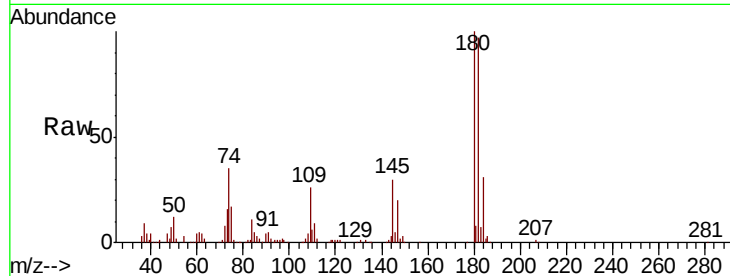




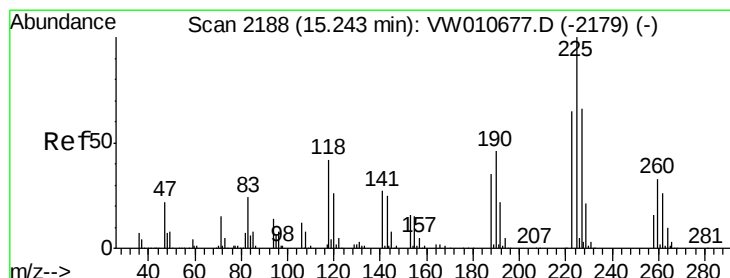
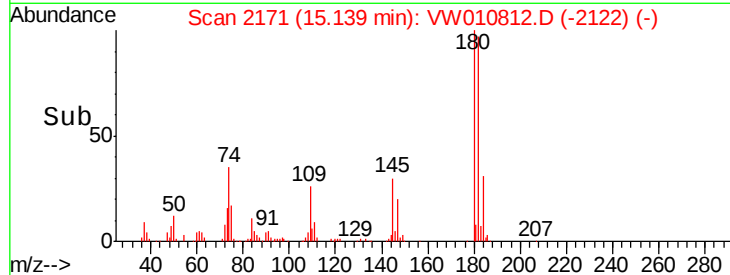
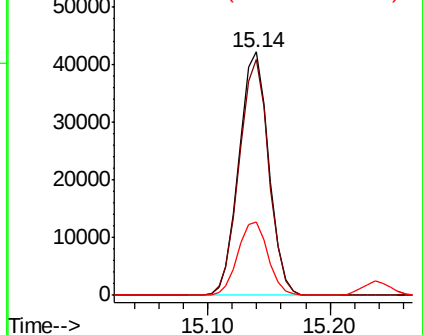
#93
 1,2,4-Trichlorobenzene
 Concen: 21.642 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tgt Ion:180 Resp: 71184
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.1 141.4
 145 30.7 15.2 45.5

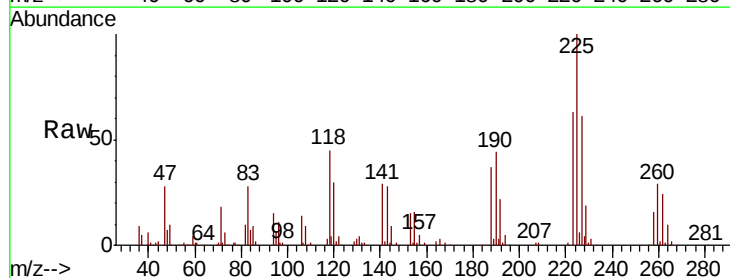


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

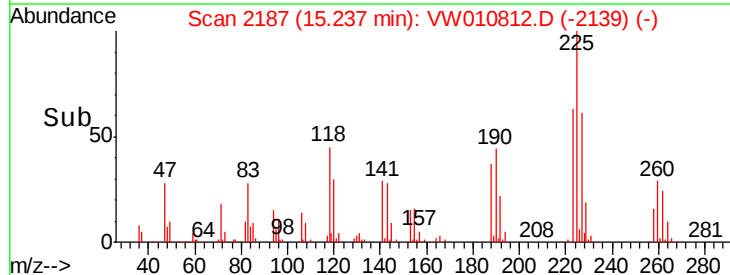
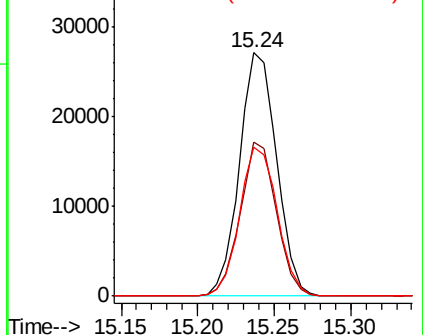


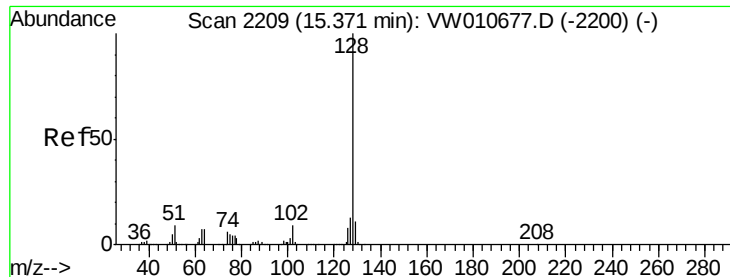
#94
 Hexachlorobutadiene
 Concen: 22.283 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010812.D
 Acq: 14 Jun 2019 14:15

Tgt Ion:225 Resp: 45999
 Ion Ratio Lower Upper
 225 100
 223 61.3 32.2 96.6
 227 61.8 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

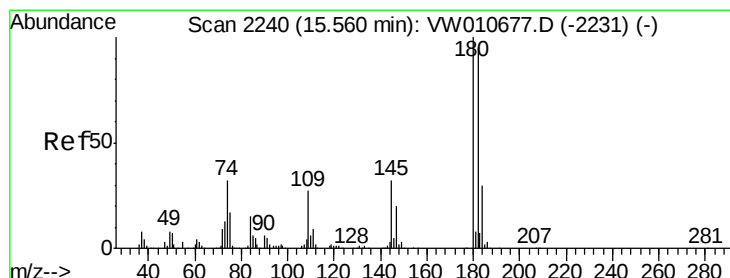
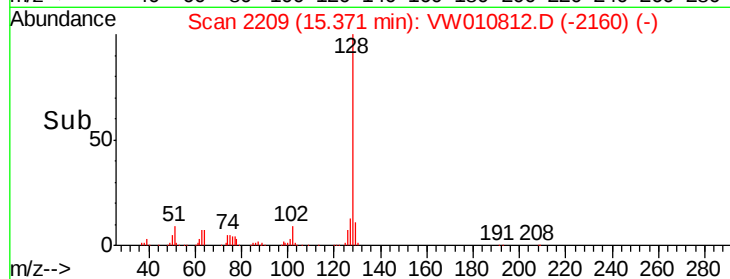
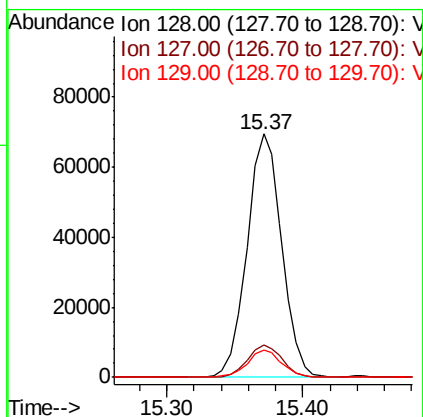
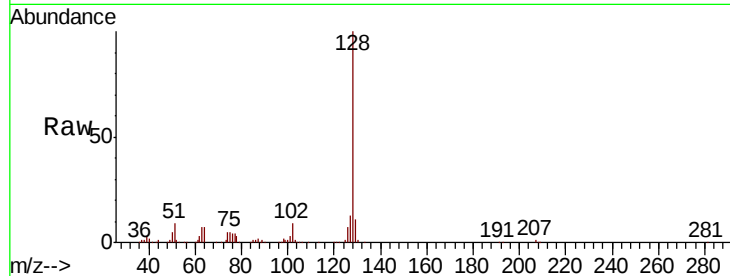




#95
Naphthalene
Concen: 20.737 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tgt Ion:128 Resp: 123922
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.056 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010812.D
Acq: 14 Jun 2019 14:15

Tgt Ion:180 Resp: 61697
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.0
145 31.7 16.1 48.3

