

Data File : VW010779.D
Acq On : 12 Jun 2019 15:42
Operator : SY/VA
Sample : VW0612SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Quant Time: Jun 13 07:37:28 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	232451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147713	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
35) Dibromofluoromethane	7.88	113	113698	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	10.32	98	478378	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	176986	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	46433	21.616	ug/l	99
3) Chloromethane	2.21	50	69854	22.103	ug/l	96
4) Vinyl Chloride	2.35	62	61264	20.981	ug/l	98
5) Bromomethane	2.72	94	33657	20.990	ug/l	97
6) Chloroethane	2.89	64	33757	19.260	ug/l	97
7) Trichlorofluoromethane	3.24	101	84408	22.269	ug/l	99
8) Diethyl Ether	3.68	74	29841	22.030	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	51520	22.108	ug/l	98
10) Methyl Iodide	4.26	142	38231	19.196	ug/l	99
11) Tert butyl alcohol	5.17	59	40328	180.675	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	48588	21.614	ug/l	94
13) Acrolein	3.89	56	6583	72.174	ug/l	96
14) Allyl chloride	4.67	41	110968	22.388	ug/l	98
15) Acrylonitrile	5.37	53	73065	111.031	ug/l	99
16) Acetone	4.12	43	80417	109.540	ug/l	98
17) Carbon Disulfide	4.37	76	146484	20.527	ug/l	99
18) Methyl Acetate	4.67	43	35922	22.731	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	143164	22.081	ug/l	97
20) Methylene Chloride	4.91	84	57351	22.269	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	56088	21.979	ug/l	99
22) Diisopropyl ether	6.31	45	228264	23.003	ug/l	96
23) Vinyl Acetate	6.25	43	668013	111.547	ug/l	99
24) 1,1-Dichloroethane	6.21	63	113807	22.885	ug/l	98
25) 2-Butanone	7.17	43	116111	114.061	ug/l	99
26) 2,2-Dichloropropane	7.17	77	98415	24.320	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	62734	22.338	ug/l	95
28) Bromochloromethane	7.51	49	47940	21.601	ug/l	98
29) Tetrahydrofuran	7.53	42	70953	110.812	ug/l	98
30) Chloroform	7.67	83	102310	22.492	ug/l	97
31) Cyclohexane	7.95	56	119890	21.688	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	89775	22.594	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86428	22.326	ug/l	100
37) Ethyl Acetate	7.25	43	50078	23.344	ug/l	99
38) Carbon Tetrachloride	8.07	117	74858	22.400	ug/l	95

Data File : VW010779.D
Acq On : 12 Jun 2019 15:42
Operator : SY/VA
Sample : VW0612SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Quant Time: Jun 13 07:37:28 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	107146	21.773	ug/l	98
40) Benzene	8.32	78	238535	22.587	ug/l	99
41) Methacrylonitrile	7.48	41	25037	19.635	ug/l	92
42) 1,2-Dichloroethane	8.40	62	76726	22.891	ug/l	99
43) Isopropyl Acetate	8.43	43	91871	22.168	ug/l	99
44) Trichloroethene	9.09	130	58044	22.281	ug/l	98
45) 1,2-Dichloropropane	9.37	63	64297	22.999	ug/l	98
46) Dibromomethane	9.46	93	28798	22.178	ug/l	99
47) Bromodichloromethane	9.65	83	73918	21.961	ug/l	97
48) Methyl methacrylate	9.43	41	45044	22.542	ug/l	98
49) 1,4-Dioxane	9.45	88	9229	454.607	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	240400	113.545	ug/l	99
52) Toluene	10.39	92	146305	22.516	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	79404	22.273	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	94215	22.458	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	42075	22.493	ug/l	98
56) Ethyl methacrylate	10.65	69	63126	21.931	ug/l	96
57) 1,3-Dichloropropane	10.93	76	78751	22.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	138069	91.582	ug/l	100
59) 2-Hexanone	10.97	43	172680	112.850	ug/l	98
60) Dibromochloromethane	11.13	129	44505	21.463	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38644	21.804	ug/l	98
64) Tetrachloroethene	10.86	164	47830	21.420	ug/l	99
65) Chlorobenzene	11.66	112	147022	22.231	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	51168	22.350	ug/l	100
67) Ethyl Benzene	11.73	91	283151	22.277	ug/l	98
68) m/p-Xylenes	11.84	106	204628	44.974	ug/l	98
69) o-Xylene	12.16	106	97379	22.566	ug/l	99
70) Styrene	12.18	104	168321	22.454	ug/l	100
71) Bromoform	12.35	173	24637	20.808	ug/l	99
73) Isopropylbenzene	12.46	105	270971	21.758	ug/l	99
74) N-amyl acetate	12.27	43	89096	22.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49704	20.964	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	67248	38.639	ug/l #	100
77) Bromobenzene	12.75	156	58886	21.661	ug/l	98
78) n-propylbenzene	12.80	91	325808	21.696	ug/l	100
79) 2-Chlorotoluene	12.90	91	188358	21.954	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	223392	21.914	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15314	20.223	ug/l	99
82) 4-Chlorotoluene	12.99	91	195958	22.133	ug/l	100
83) tert-Butylbenzene	13.21	119	187947	21.725	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	225168	21.950	ug/l	99
85) sec-Butylbenzene	13.38	105	272904	21.666	ug/l	99
86) p-Isopropyltoluene	13.50	119	244743	21.728	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	114105	21.765	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	114662	22.061	ug/l	98
89) n-Butylbenzene	13.83	91	247624	22.033	ug/l	100
90) Hexachloroethane	14.10	117	43251	21.441	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	103208	21.891	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8601	21.125	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061219\
Quantitation Report (Not Reviewed)

Data File : VW010779.D
Acq On : 12 Jun 2019 15:42
Operator : SY/VA
Sample : VW0612SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Quant Time: Jun 13 07:37:28 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)
93) 1,2,4-Trichlorobenzene	15.14	180	72463	21.902	ug/l	98
94) Hexachlorobutadiene	15.24	225	45534	21.929	ug/l	98
95) Naphthalene	15.37	128	119367	19.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	60788	21.604	ug/l	99

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

Data File : VW010779.D

Acq On : 12 Jun 2019 15:42

Operator : SY/VA

Sample : VW0612SBSD01

Misc : 5.00G/5ML/MSVOA W/SOIL

```
ALS Vial      : 9      Sample Multiplier: 1
```

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

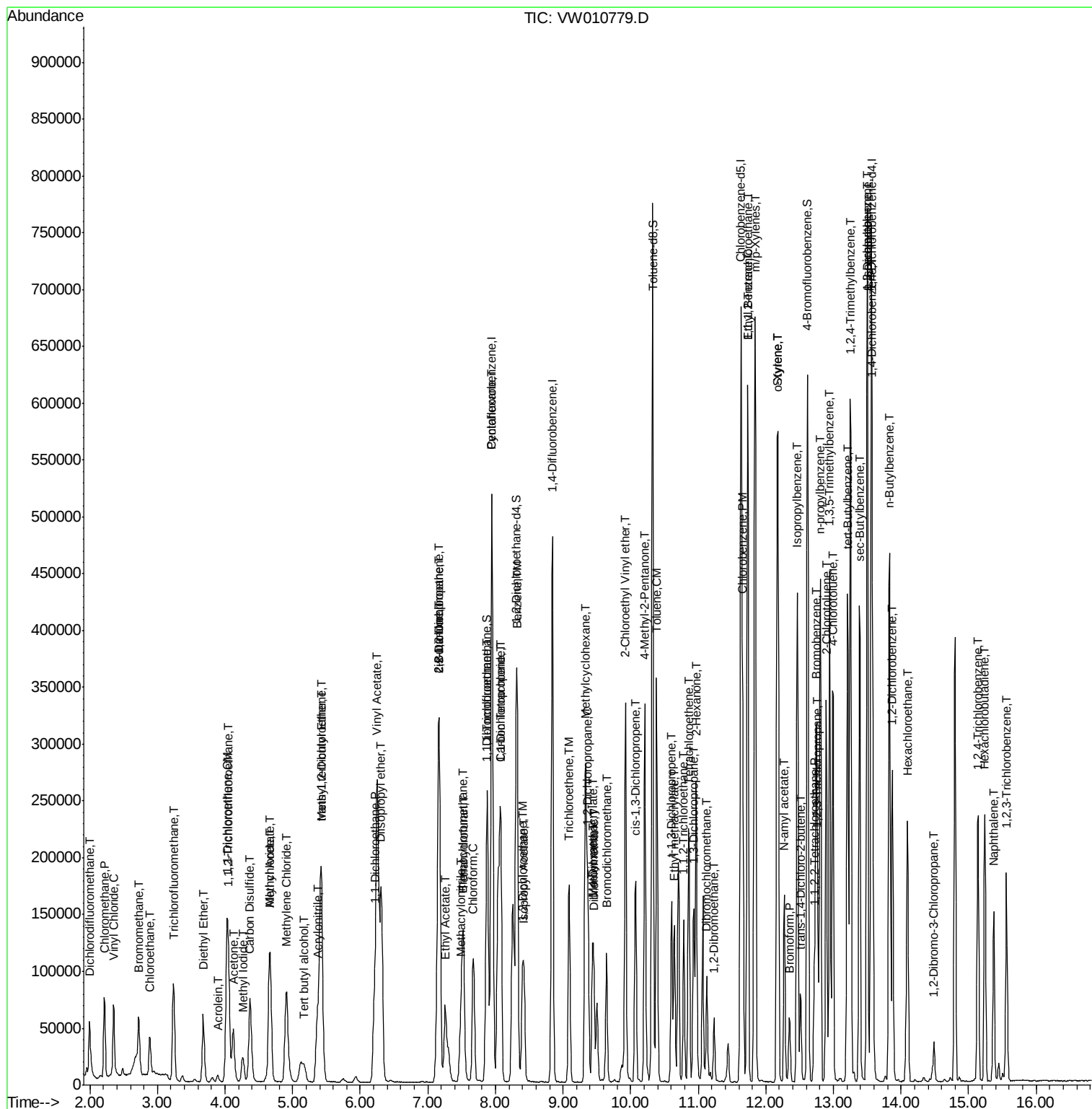
Quant Time: Jun 13 07:37:28 2019

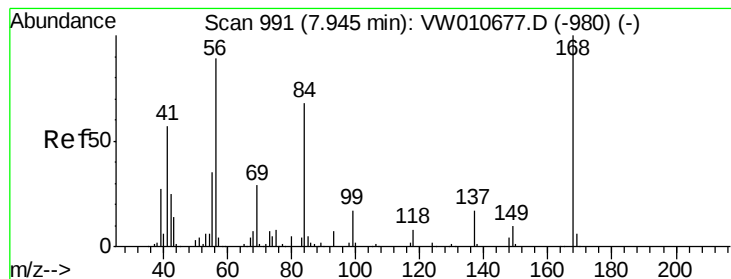
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W060419S.M

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: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

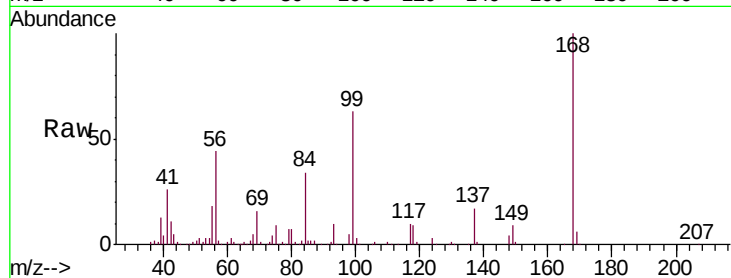
VW0612SBSD01

Tgt Ion:168 Resp: 232451

Ion Ratio Lower Upper

168 100

99 63.2 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

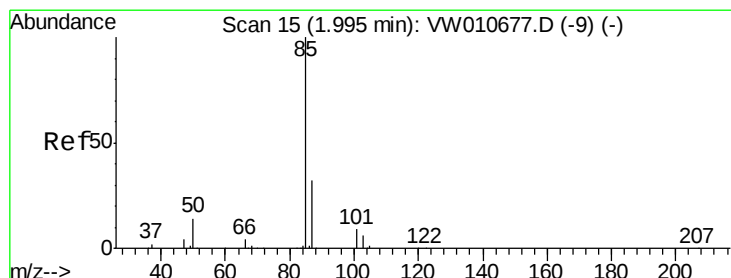
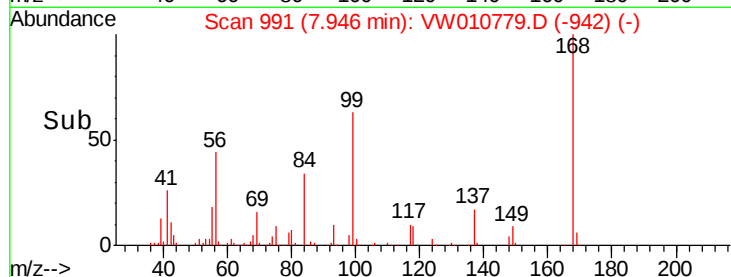
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 21.616 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010779.D

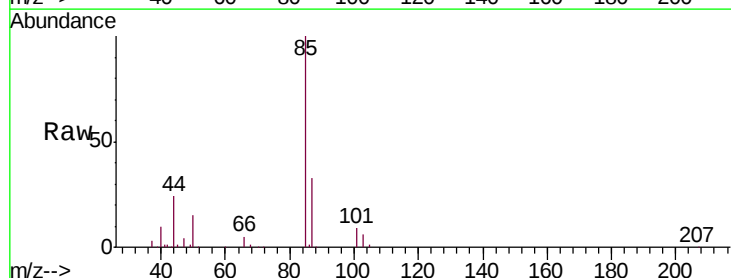
Acq: 12 Jun 2019 15:42

Tgt Ion: 85 Resp: 46433

Ion Ratio Lower Upper

85 100

87 32.9 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

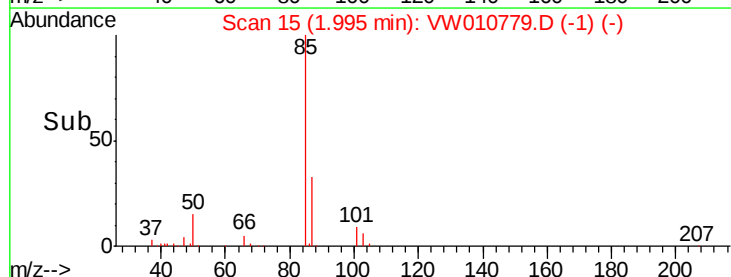
15000

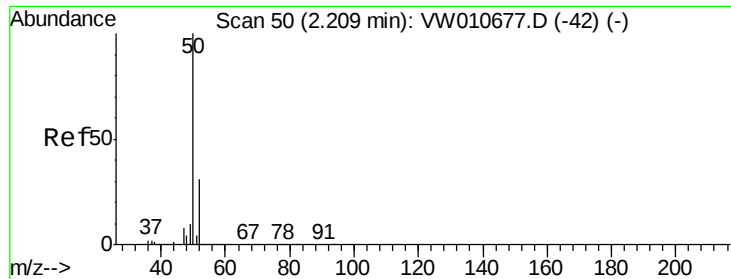
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 22.103 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

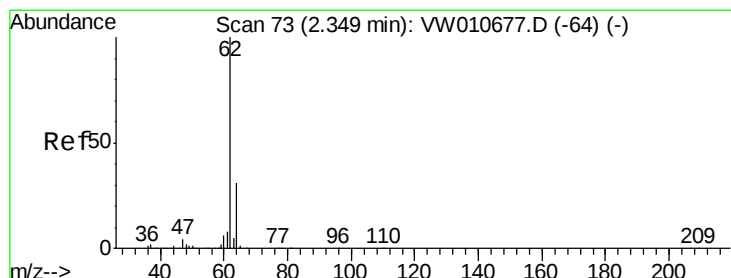
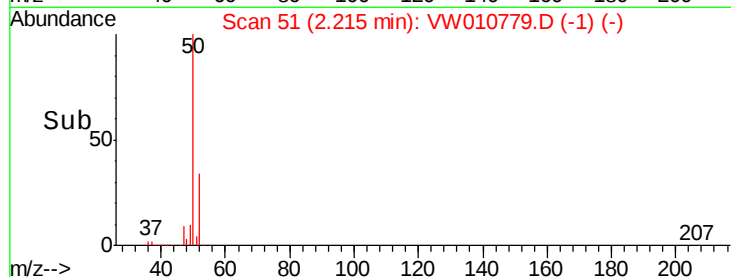
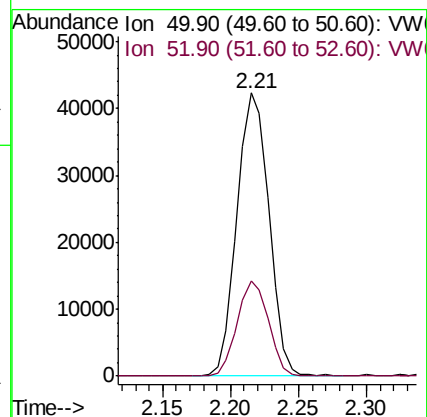
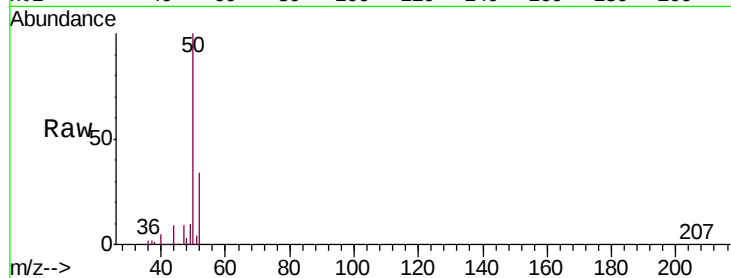
VW0612SBSD01

Tgt Ion: 50 Resp: 69854

Ion Ratio Lower Upper

50 100

52 33.9 25.2 37.8



#4

Vinyl Chloride

Concen: 20.981 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VW010779.D

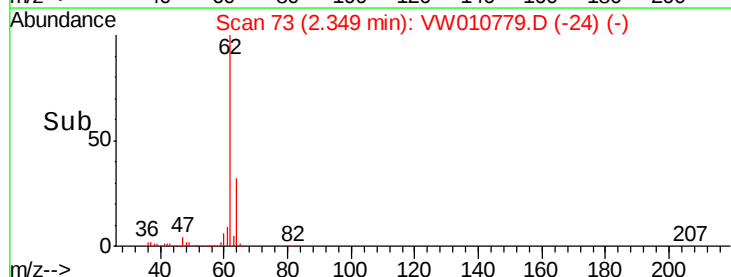
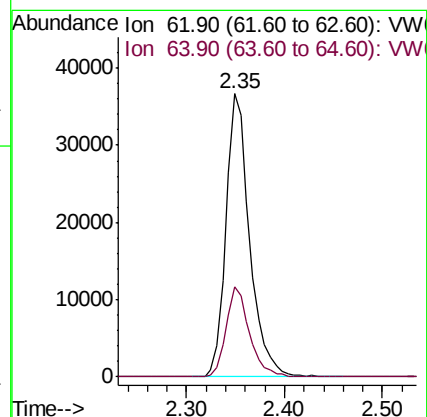
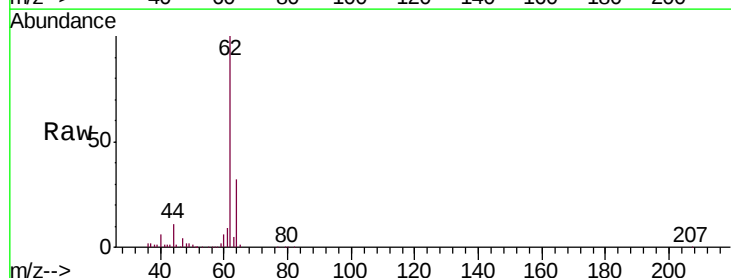
Acq: 12 Jun 2019 15:42

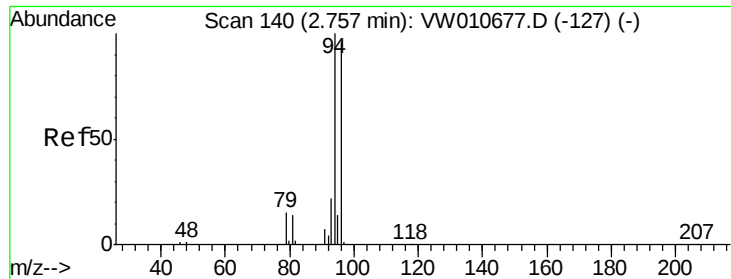
Tgt Ion: 62 Resp: 61264

Ion Ratio Lower Upper

62 100

64 31.7 24.5 36.7





#5

Bromomethane

Concen: 20.990 ug/l

RT: 2.72 min Scan# 134

Delta R.T. -0.04 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

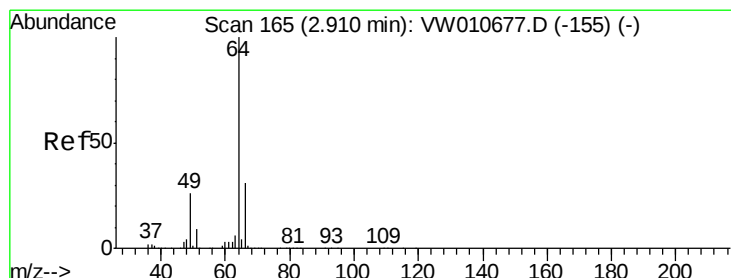
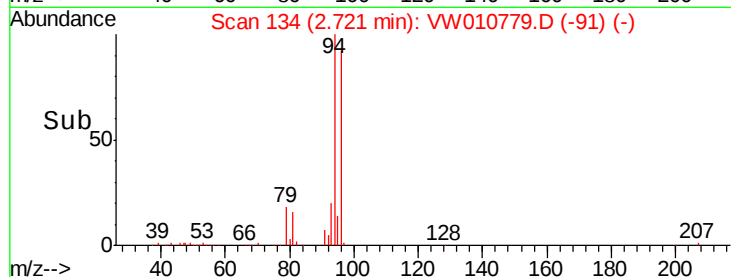
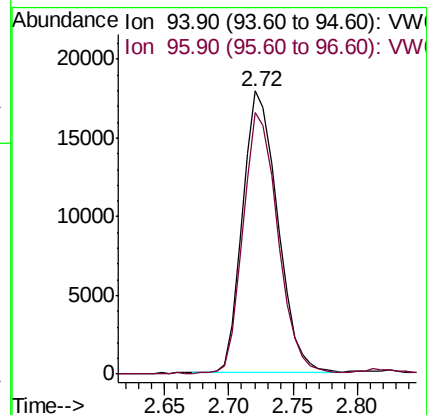
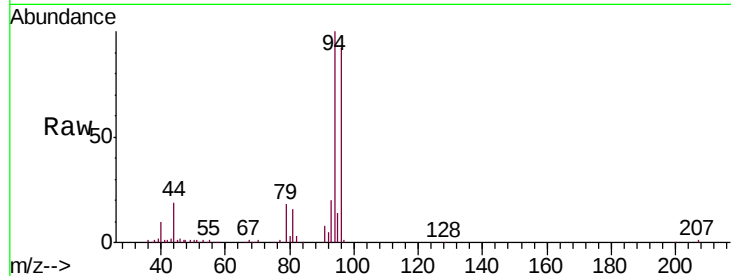
VW0612SBSD01

Tgt Ion: 94 Resp: 33657

Ion Ratio Lower Upper

94 100

96 92.4 76.5 114.7



#6

Chloroethane

Concen: 19.260 ug/l

RT: 2.89 min Scan# 161

Delta R.T. -0.02 min

Lab File: VW010779.D

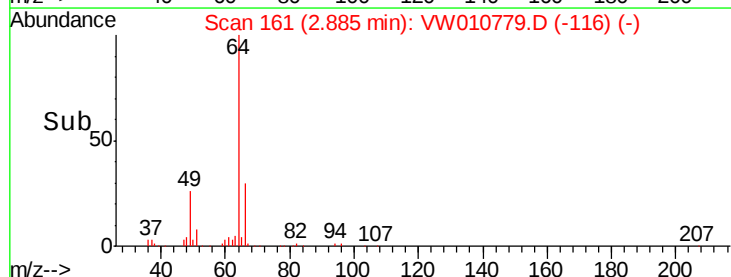
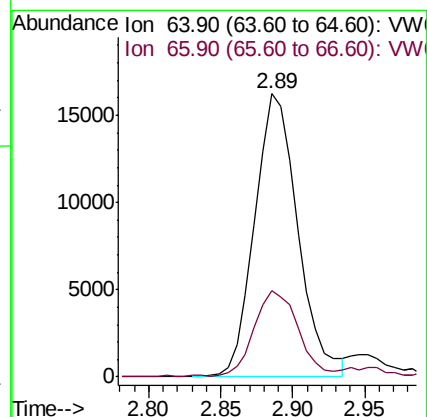
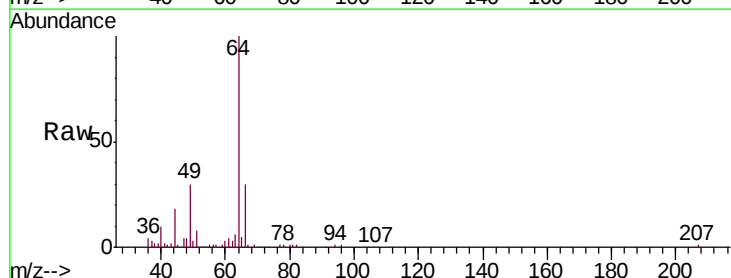
Acq: 12 Jun 2019 15:42

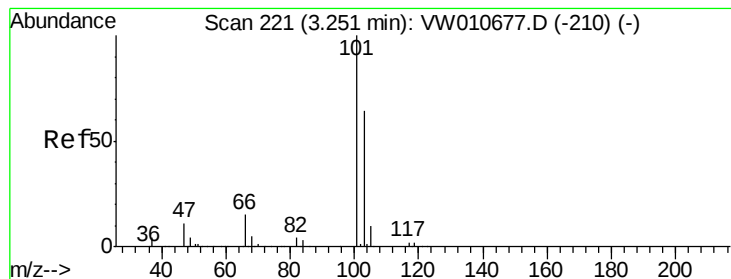
Tgt Ion: 64 Resp: 33757

Ion Ratio Lower Upper

64 100

66 29.9 25.1 37.7



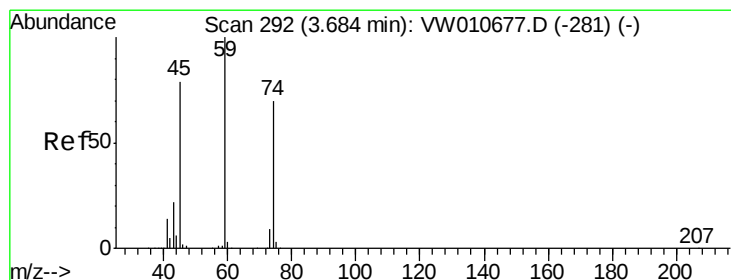
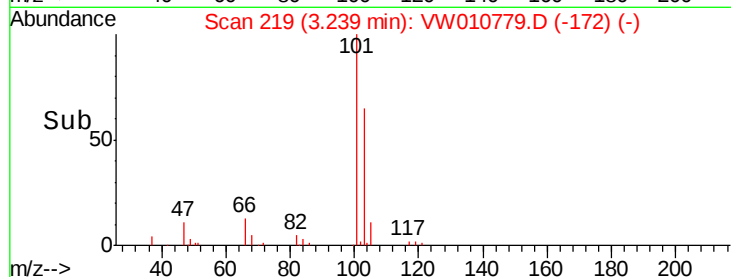
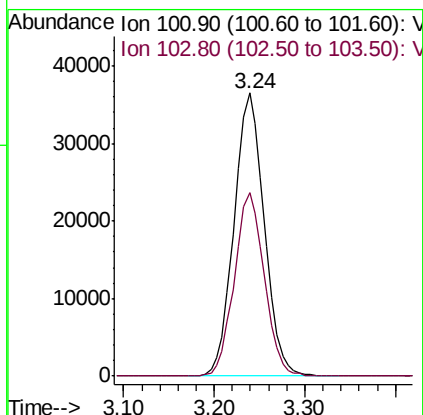
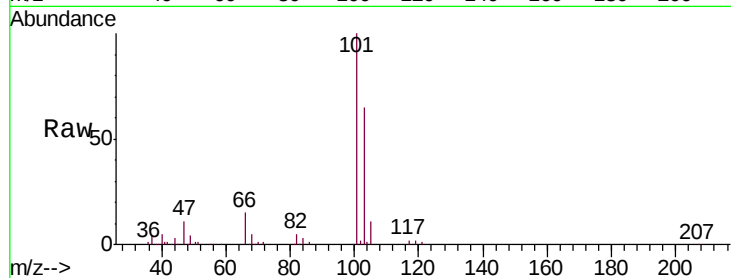


#7

Trichlorofluoromethane
 Concen: 22.269 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

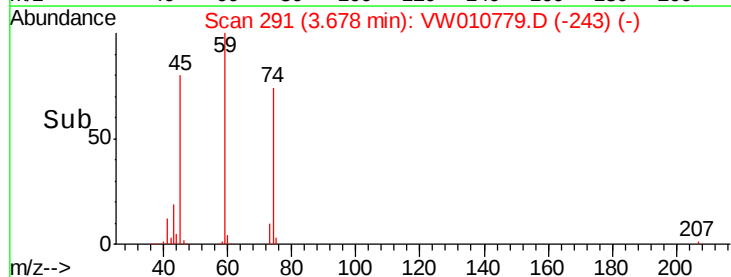
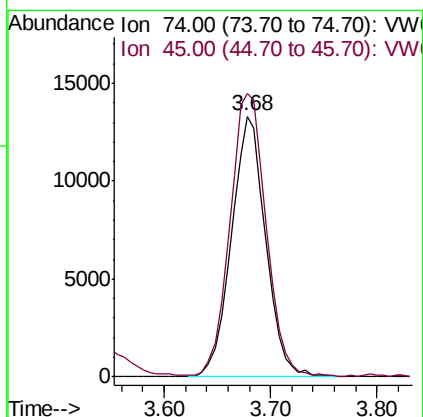
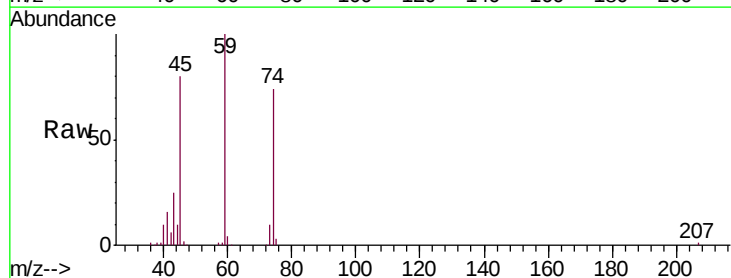
Tgt Ion:101 Resp: 84408
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.2 76.8

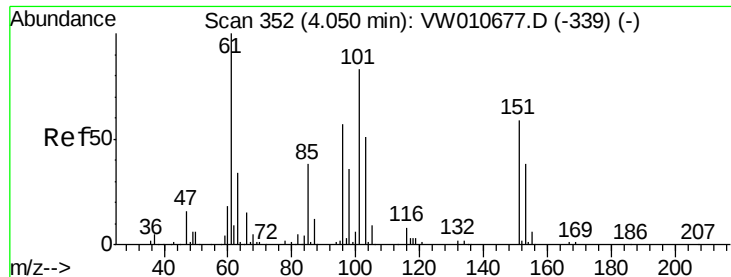


#8

Diethyl Ether
 Concen: 22.030 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion: 74 Resp: 29841
 Ion Ratio Lower Upper
 74 100
 45 114.9 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.108 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

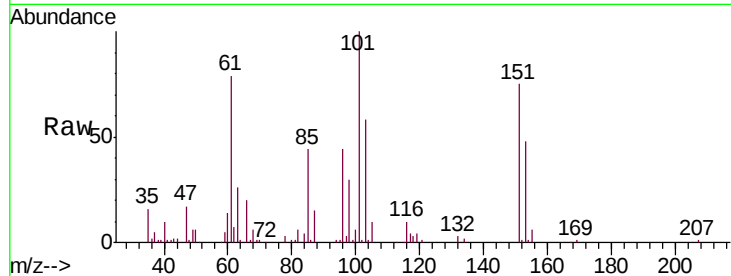
Tgt Ion:101 Resp: 51520

Ion Ratio Lower Upper

101 100

85 46.8 35.8 53.8

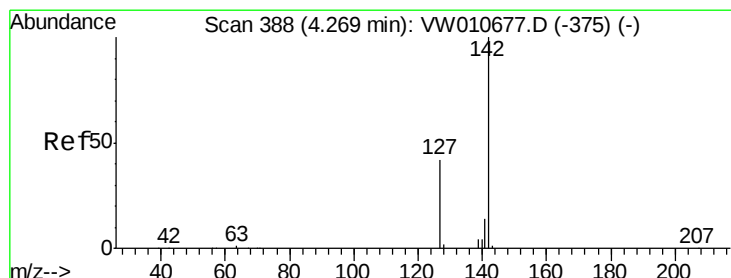
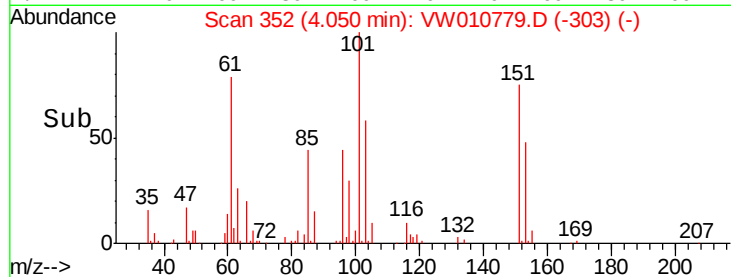
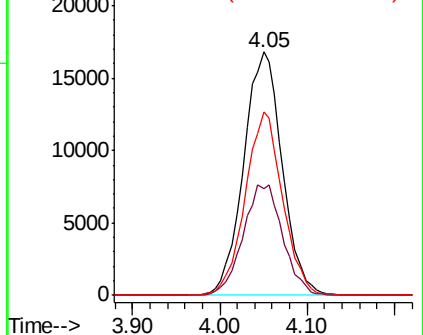
151 73.2 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.196 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

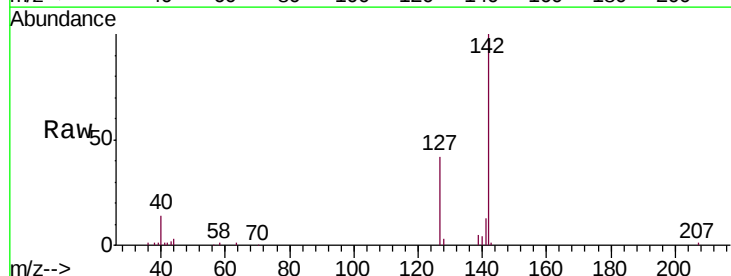
Tgt Ion:142 Resp: 38231

Ion Ratio Lower Upper

142 100

127 43.9 34.6 51.8

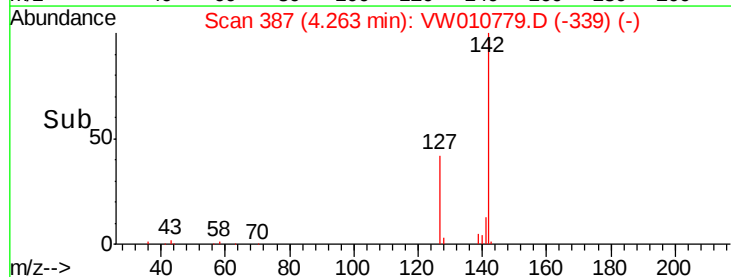
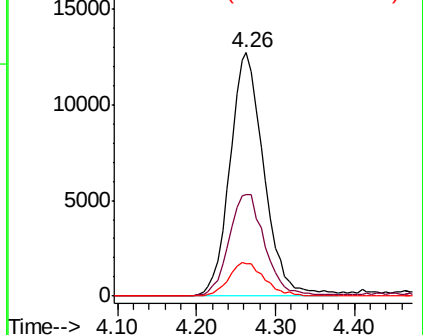
141 14.3 11.6 17.4

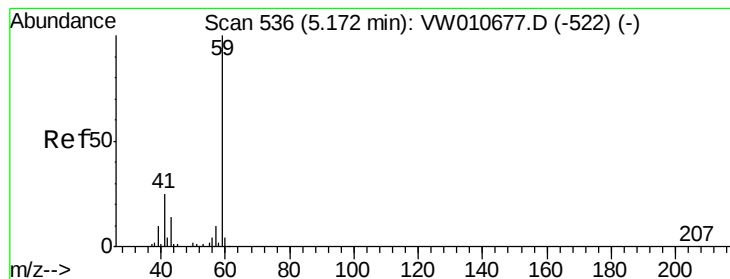


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



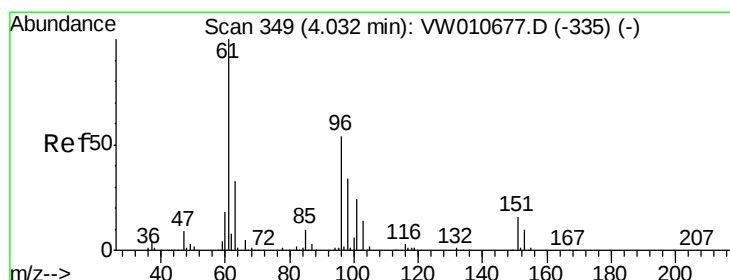
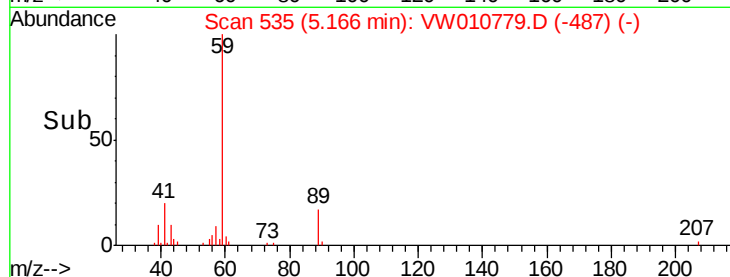
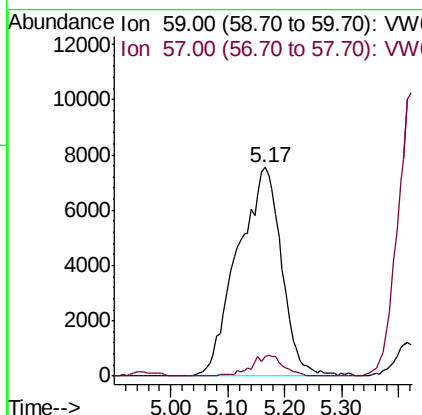
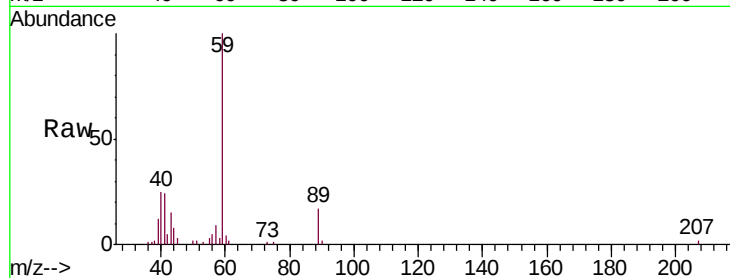


#11

Tert butyl alcohol
Concen: 180.675 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

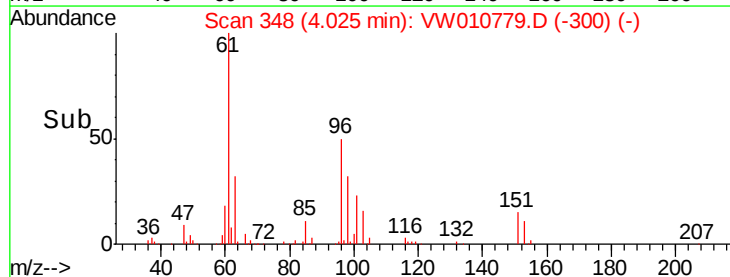
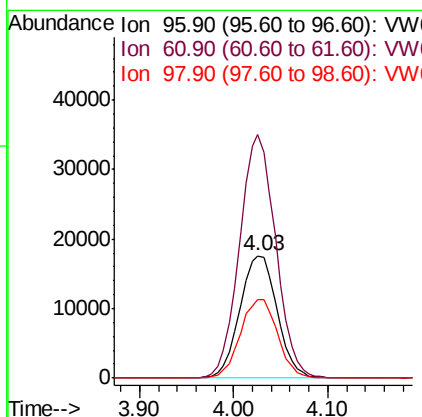
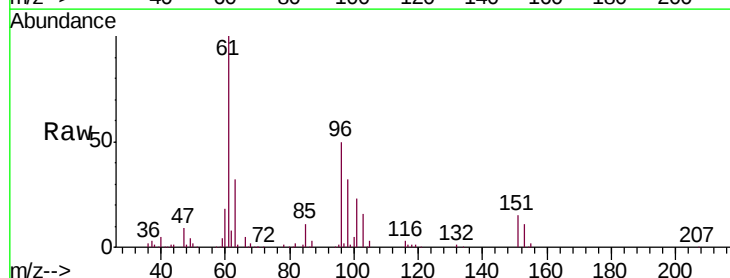
Tgt Ion: 59 Resp: 40328
Ion Ratio Lower Upper
59 100
57 7.2 8.6 12.8#

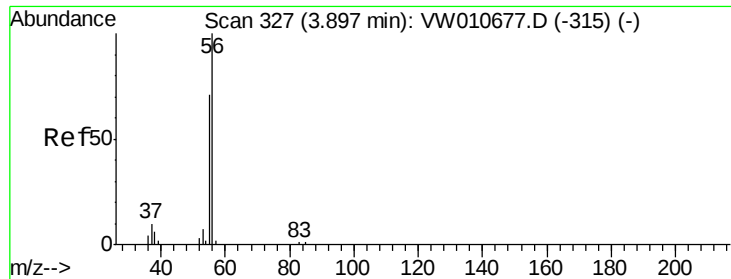


#12

1,1-Dichloroethene
Concen: 21.614 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion: 96 Resp: 48588
Ion Ratio Lower Upper
96 100
61 198.7 149.1 223.7
98 63.9 51.1 76.7





#13

Acrolein

Concen: 72.174 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

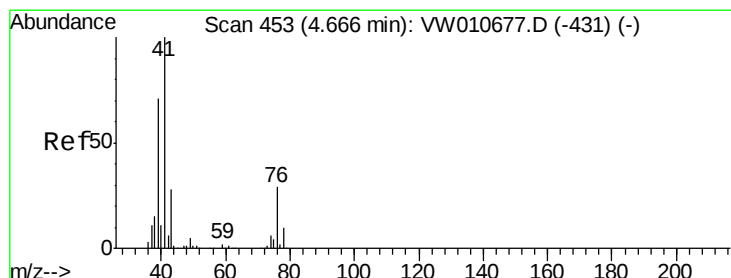
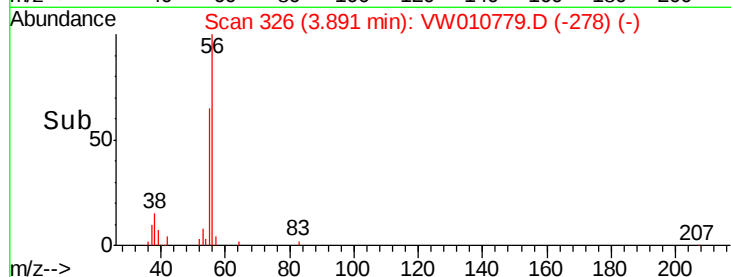
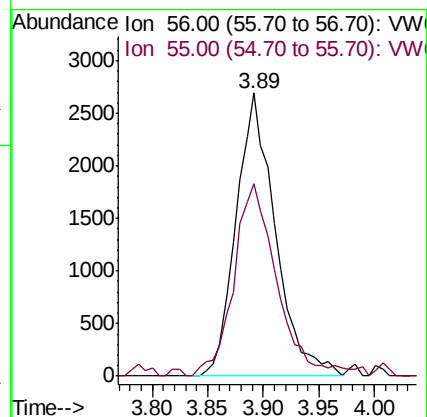
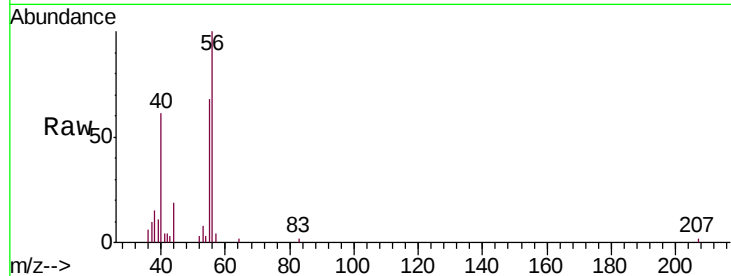
VW0612SBSD01

Tgt Ion: 56 Resp: 6583

Ion Ratio Lower Upper

56 100

55 75.5 57.6 86.4



#14

Allyl chloride

Concen: 22.388 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

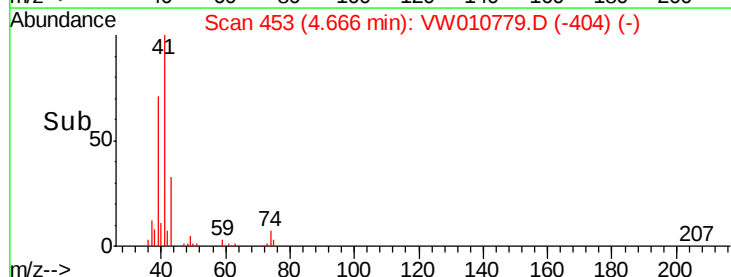
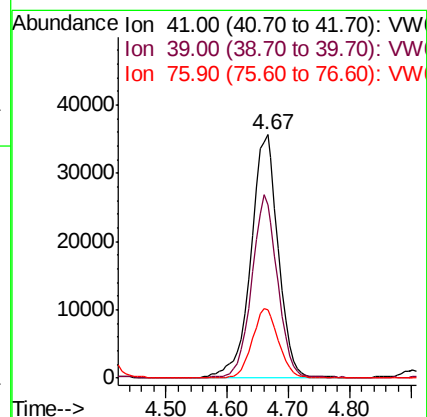
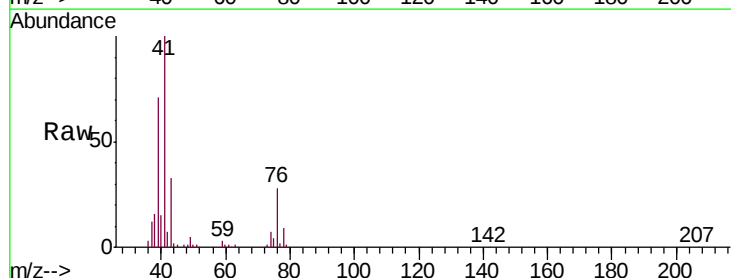
Tgt Ion: 41 Resp: 110968

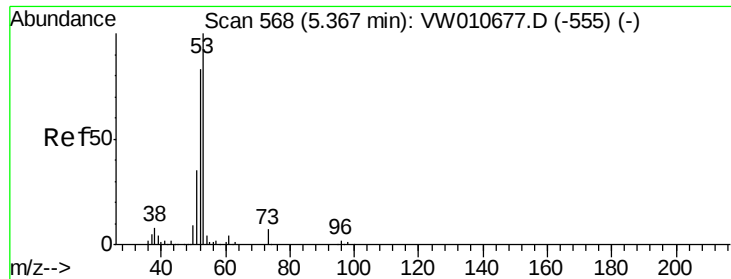
Ion Ratio Lower Upper

41 100

39 71.8 55.8 83.6

76 27.5 22.7 34.1





#15

Acrylonitrile

Concen: 111.031 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

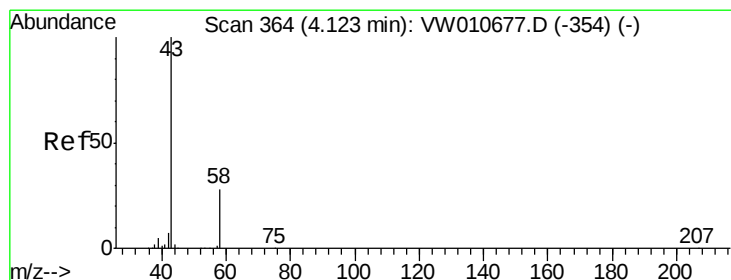
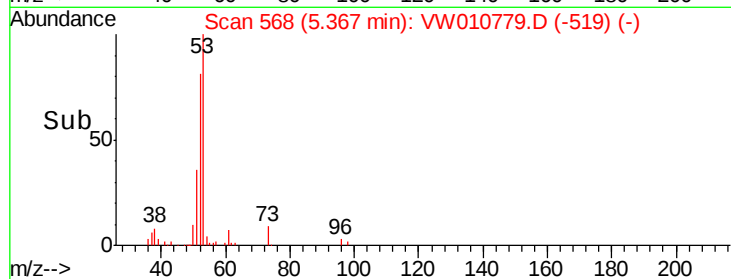
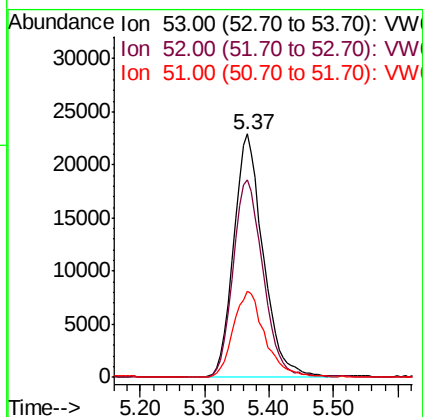
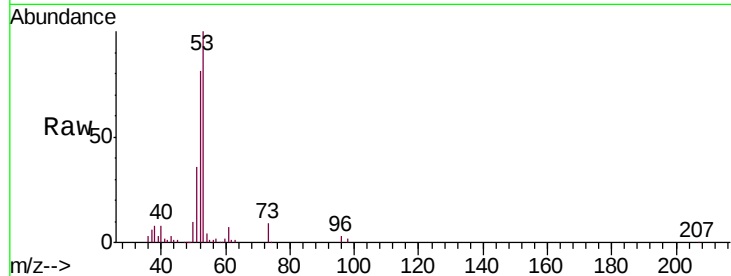
Tgt Ion: 53 Resp: 73065

Ion Ratio Lower Upper

53 100

52 82.4 66.6 100.0

51 38.0 29.8 44.8



#16

Acetone

Concen: 109.540 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010779.D

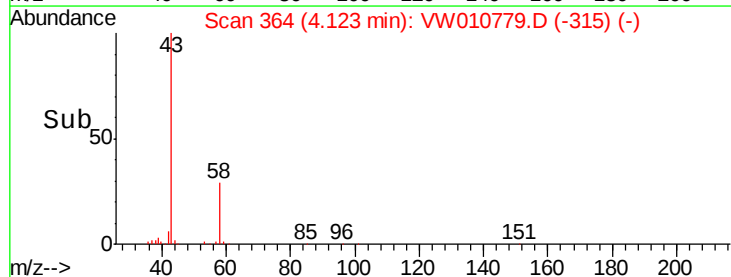
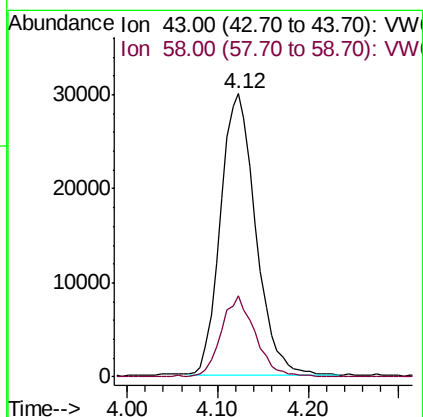
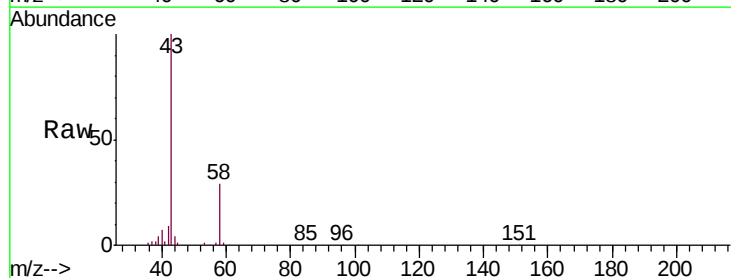
Acq: 12 Jun 2019 15:42

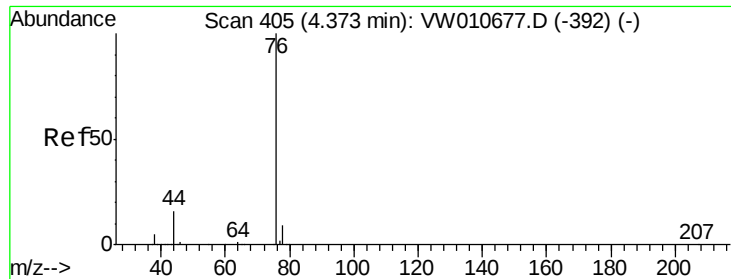
Tgt Ion: 43 Resp: 80417

Ion Ratio Lower Upper

43 100

58 28.7 22.1 33.1

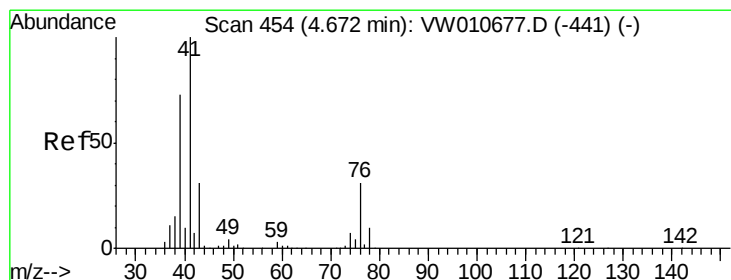
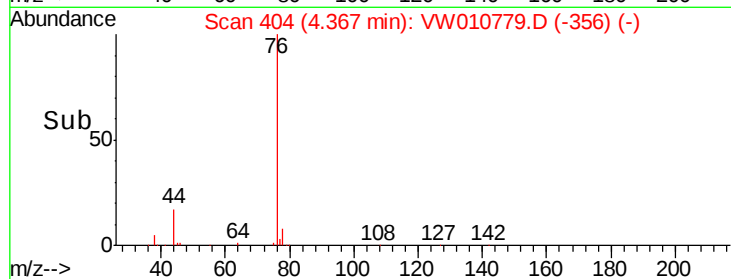
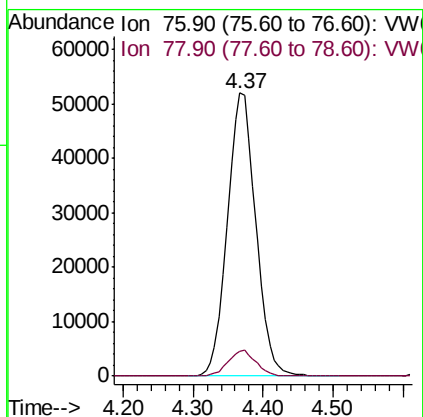
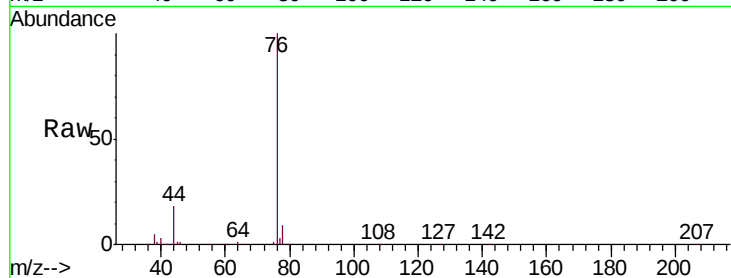




#17
Carbon Disulfide
Concen: 20.527 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

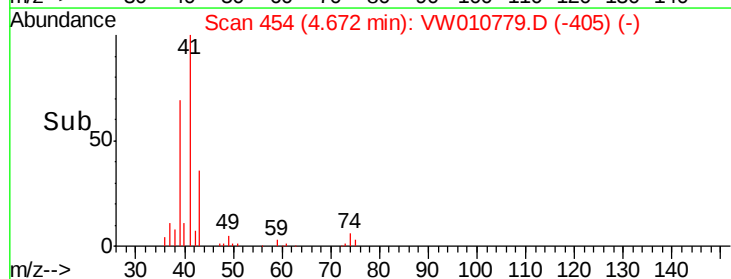
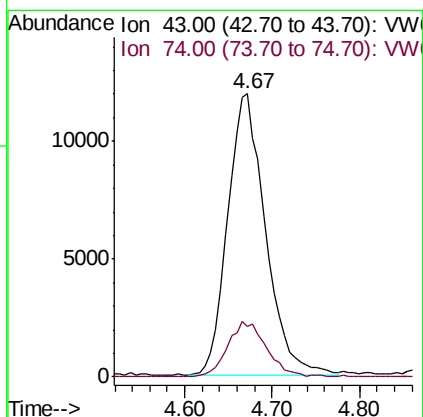
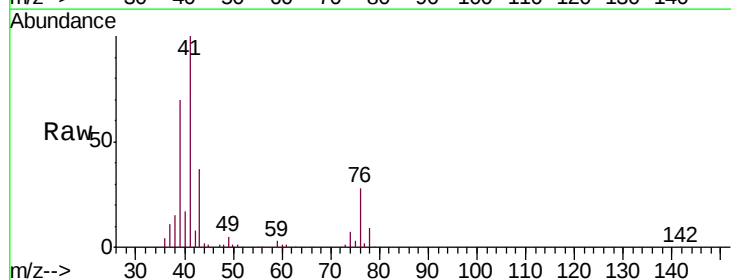
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

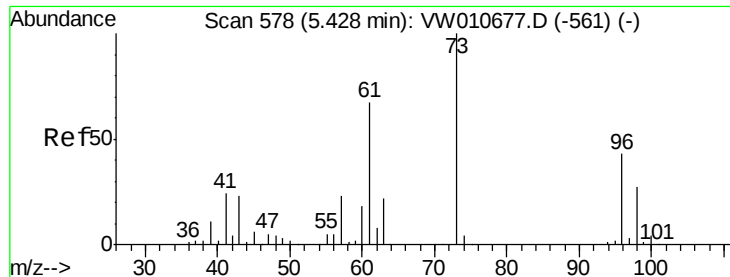
Tgt Ion: 76 Resp: 146484
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 22.731 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion: 43 Resp: 35922
Ion Ratio Lower Upper
43 100
74 19.9 16.7 25.1

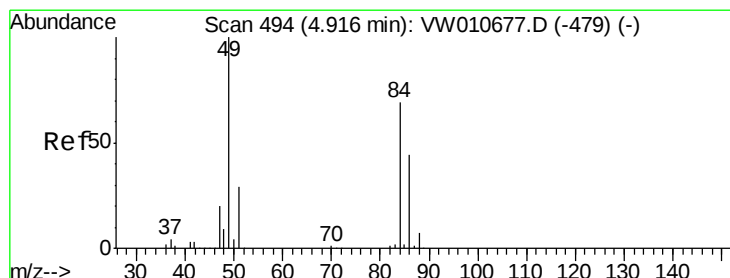
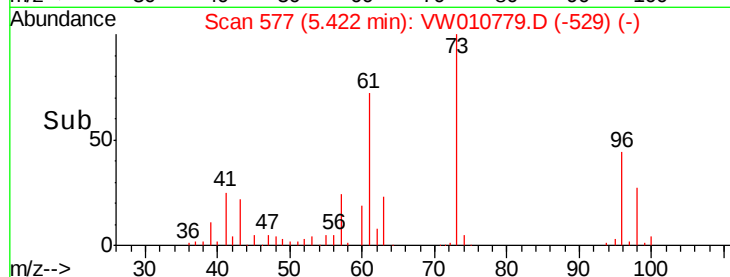
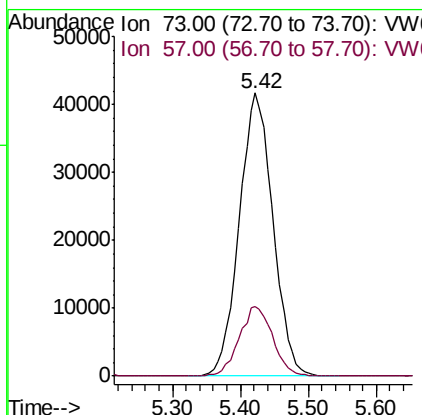
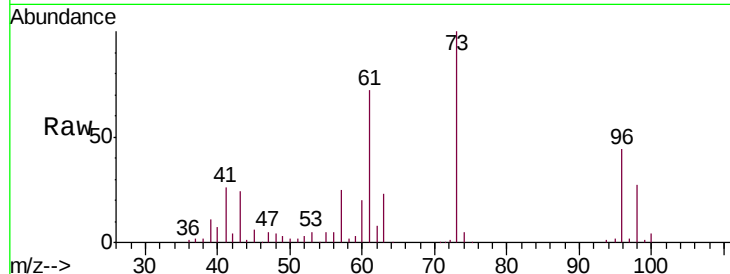




#19
Methyl tert-butyl Ether
Concen: 22.081 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

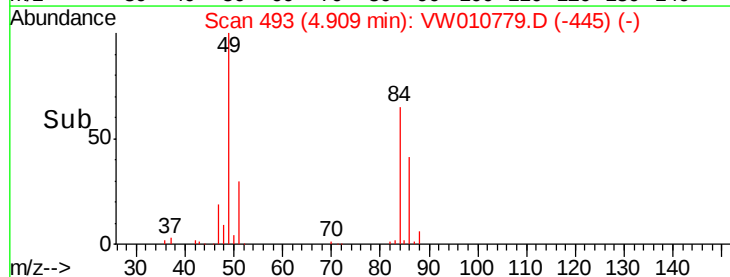
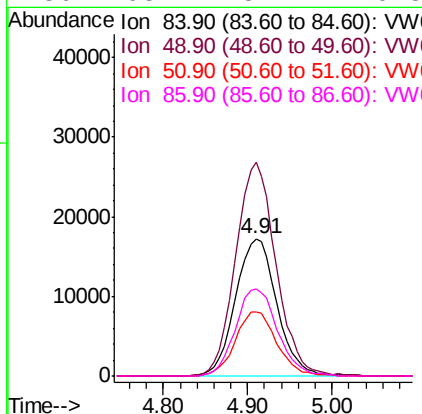
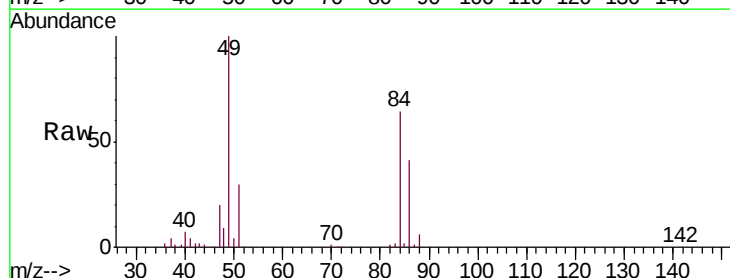
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

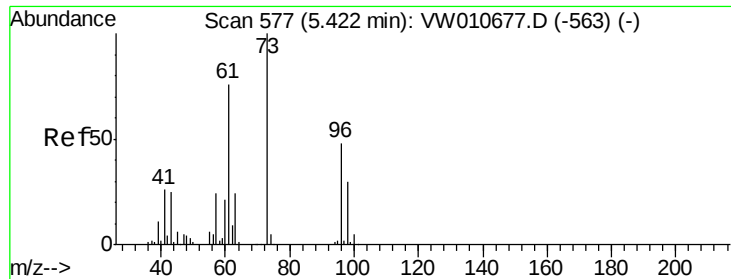
Tgt Ion: 73 Resp: 143164
Ion Ratio Lower Upper
73 100
57 24.6 18.6 27.8



#20
Methylene Chloride
Concen: 22.269 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion: 84 Resp: 57351
Ion Ratio Lower Upper
84 100
49 155.5 116.7 175.1
51 46.9 34.2 51.2
86 63.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.979 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

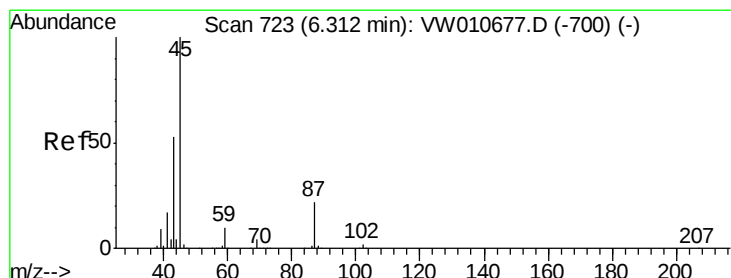
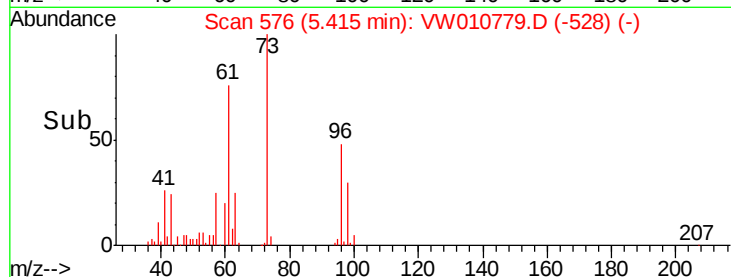
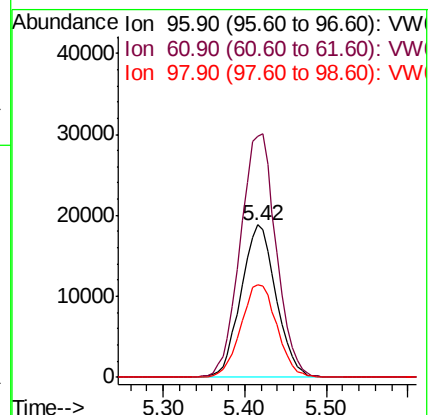
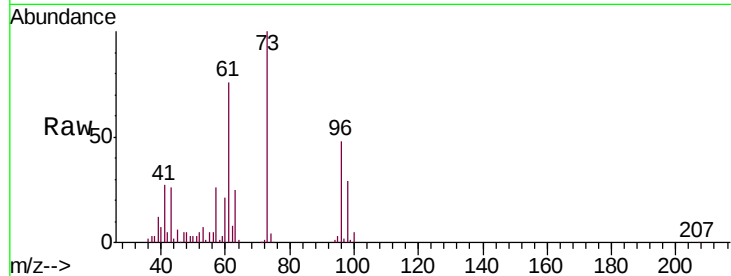
Tgt Ion: 96 Resp: 56088

Ion Ratio Lower Upper

96 100

61 158.8 126.0 189.0

98 61.1 49.6 74.4



#22

Diisopropyl ether

Concen: 23.003 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Tgt Ion: 45 Resp: 228264

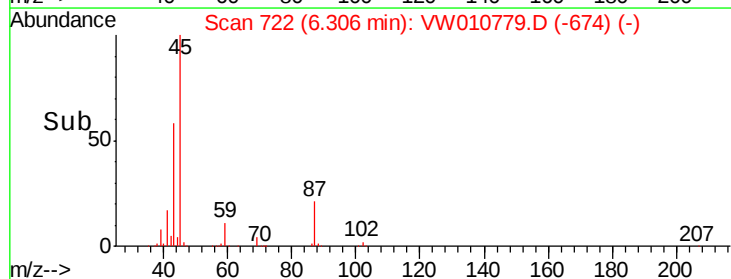
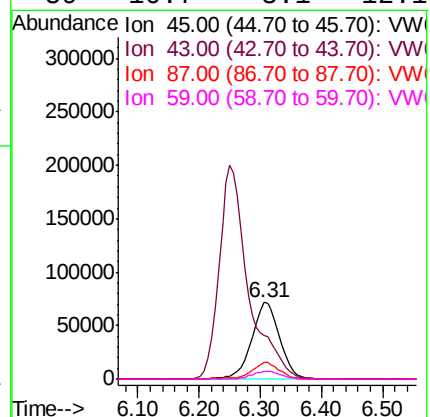
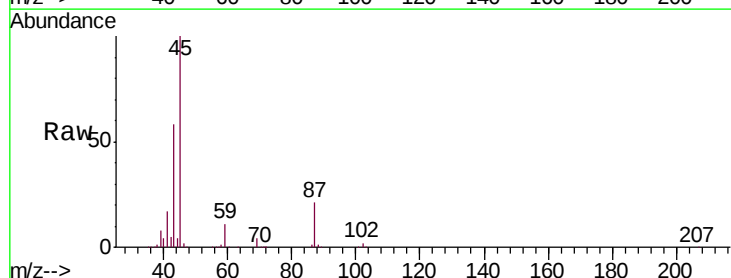
Ion Ratio Lower Upper

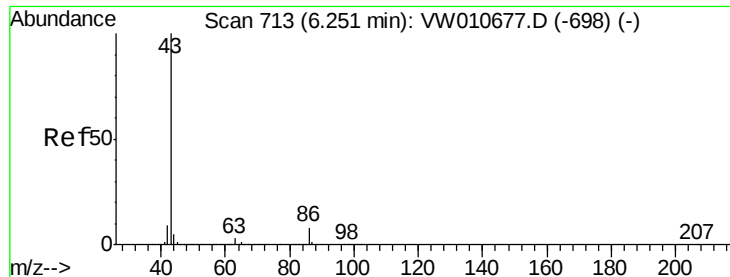
45 100

43 57.6 42.5 63.7

87 21.5 17.4 26.2

59 10.7 8.1 12.1

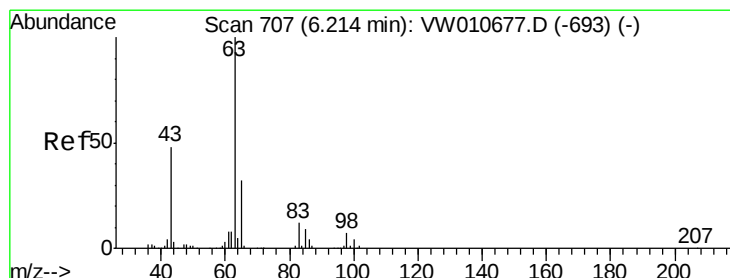
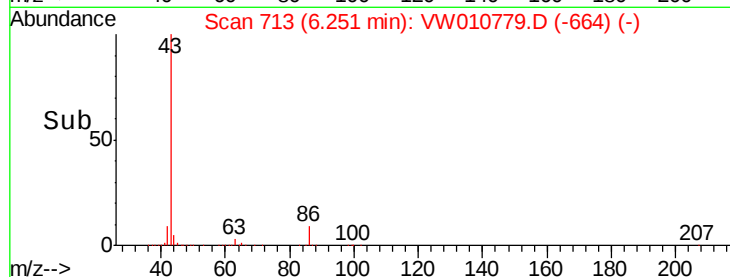
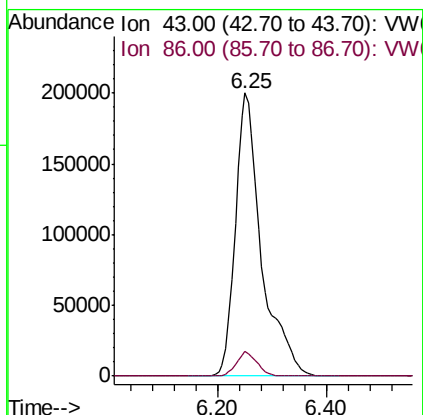
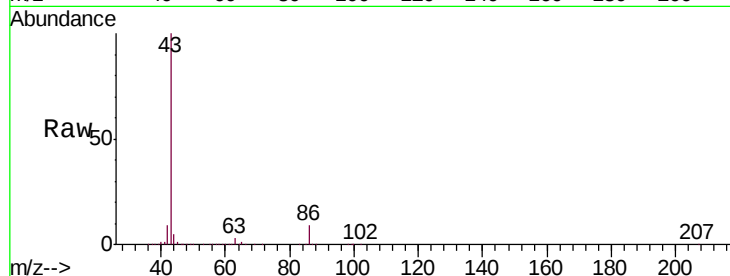




#23
 Vinyl Acetate
 Concen: 111.547 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

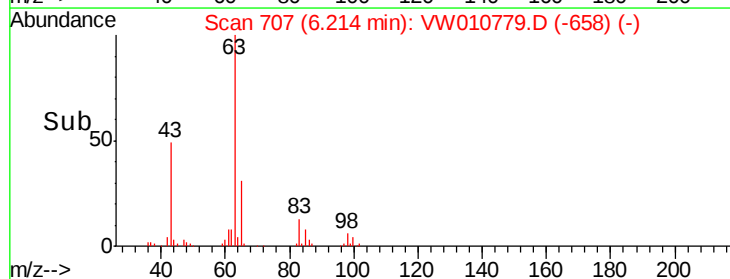
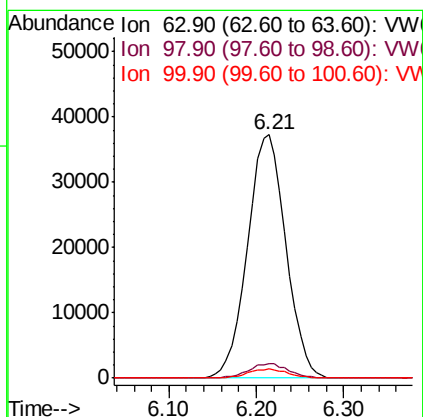
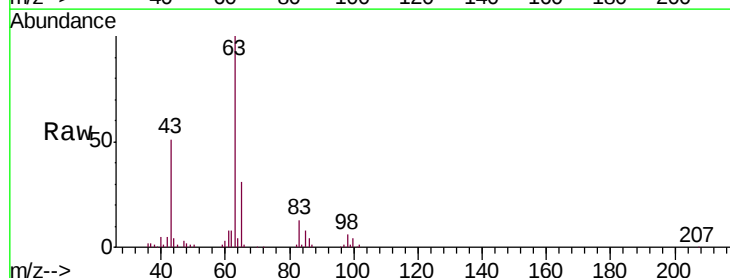
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

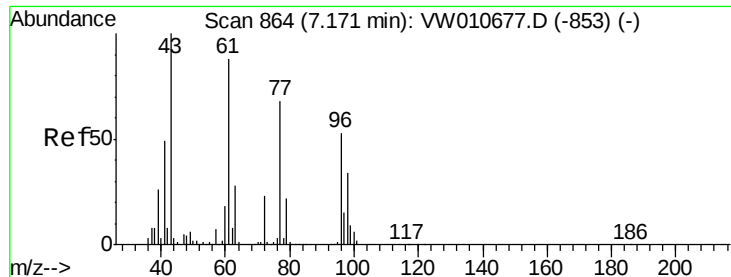
Tgt Ion: 43 Resp: 668013
 Ion Ratio Lower Upper
 43 100
 86 8.6 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 22.885 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion: 63 Resp: 113807
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.4 10.2
 100 3.7 2.1 6.3





#25

2-Butanone

Concen: 114.061 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

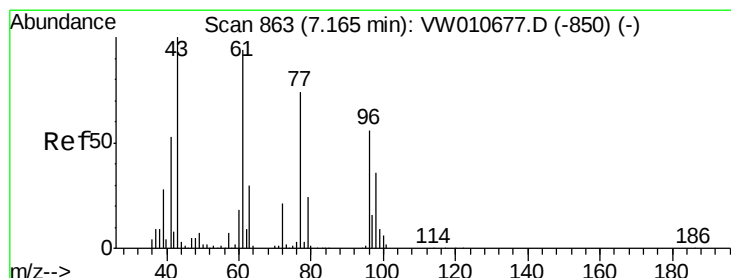
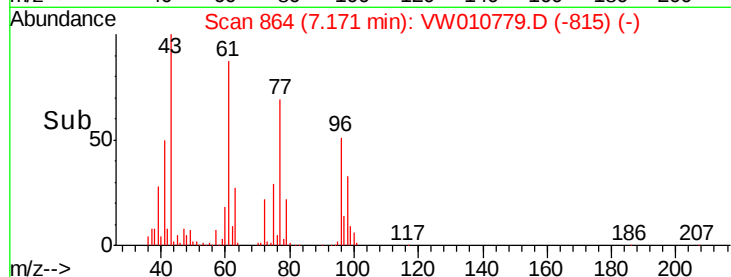
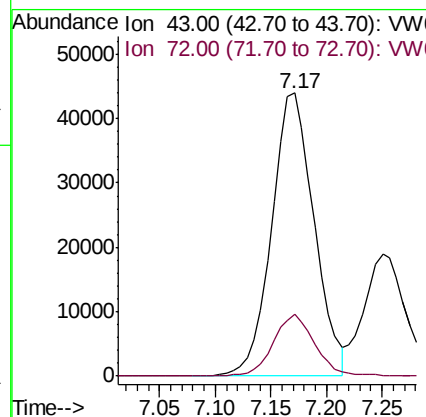
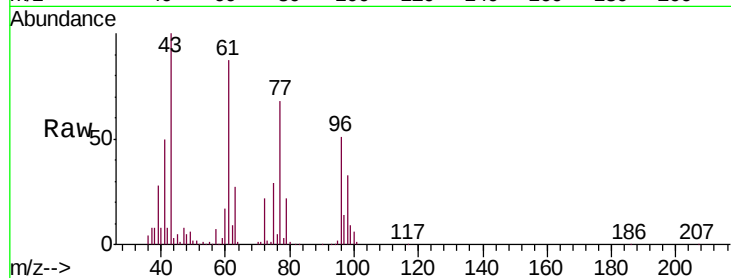
VW0612SBSD01

Tgt Ion: 43 Resp: 116111

Ion Ratio Lower Upper

43 100

72 22.1 18.1 27.1



#26

2,2-Dichloropropane

Concen: 24.320 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010779.D

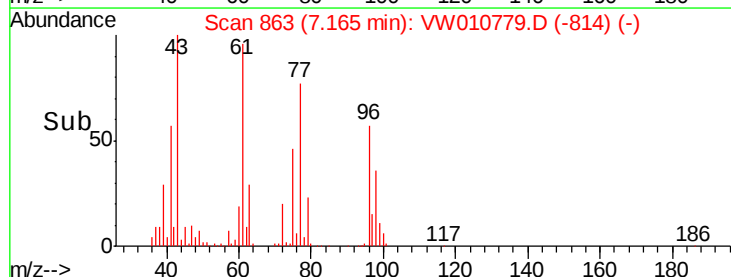
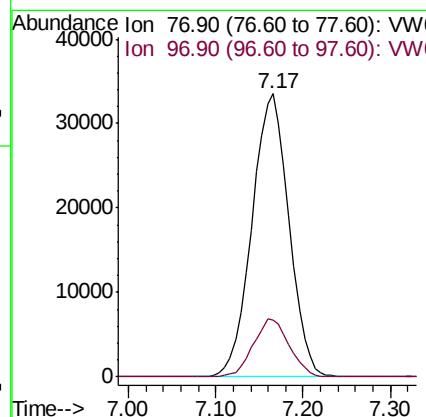
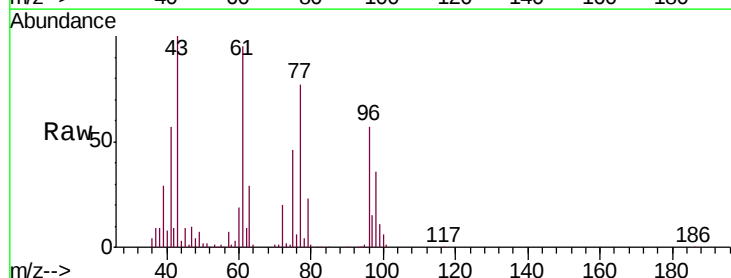
Acq: 12 Jun 2019 15:42

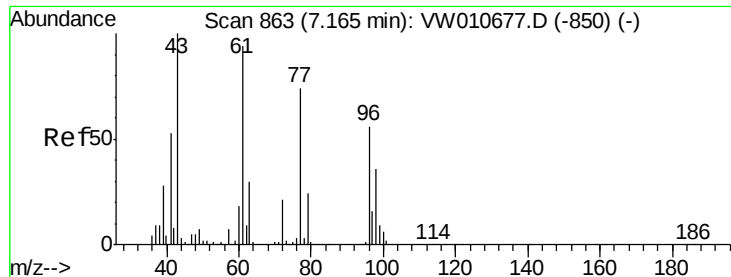
Tgt Ion: 77 Resp: 98415

Ion Ratio Lower Upper

77 100

97 19.8 10.5 31.6



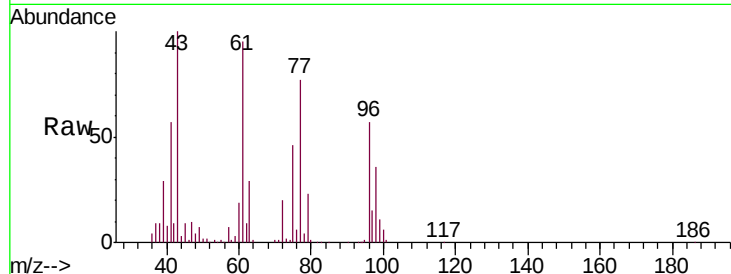


#27

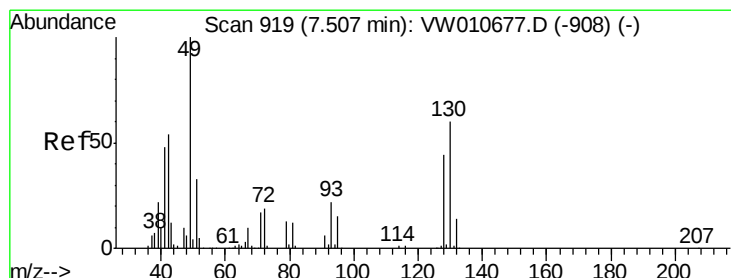
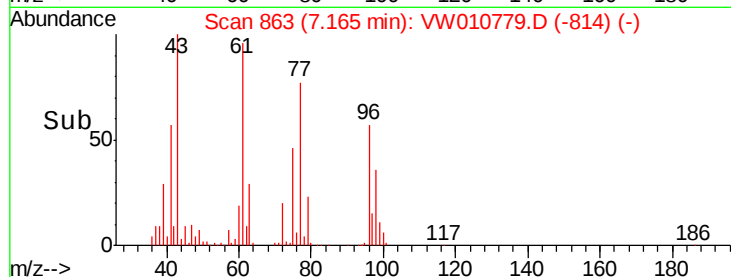
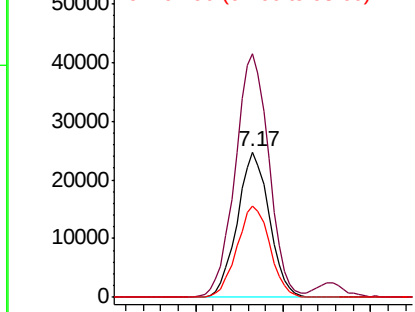
cis-1,2-Dichloroethene
Concen: 22.338 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tgt Ion: 96 Resp: 62734
Ion Ratio Lower Upper
96 100
61 176.7 0.0 336.4
98 64.7 0.0 128.0



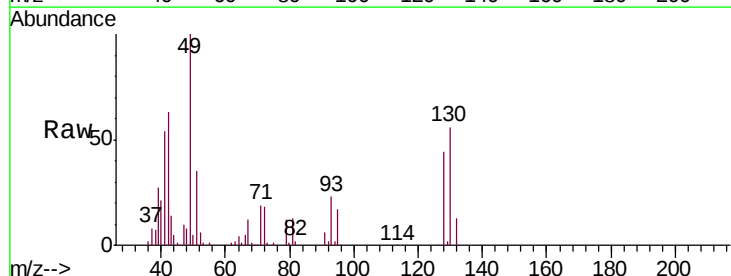
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



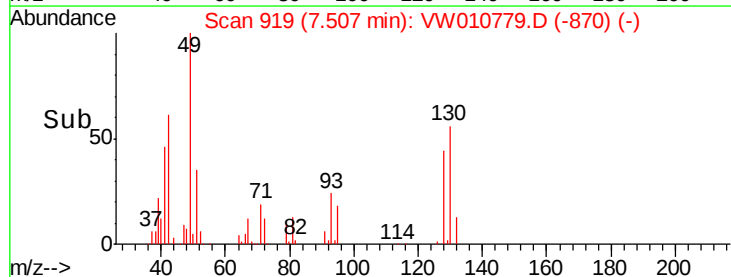
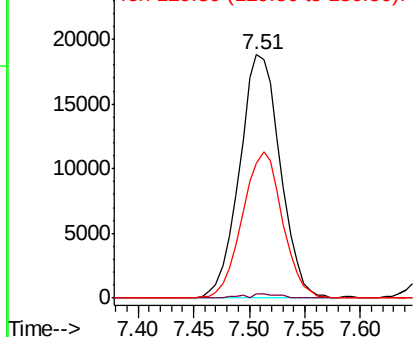
#28

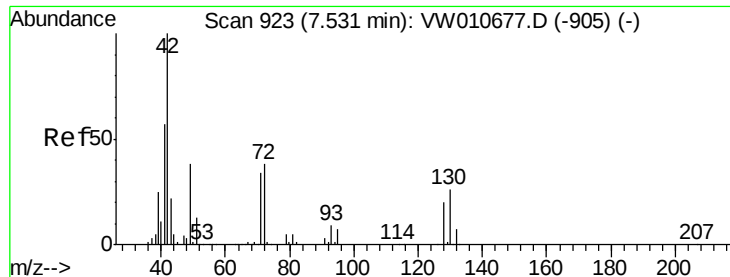
Bromochloromethane
Concen: 21.601 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion: 49 Resp: 47940
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.2
130 59.1 48.3 72.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

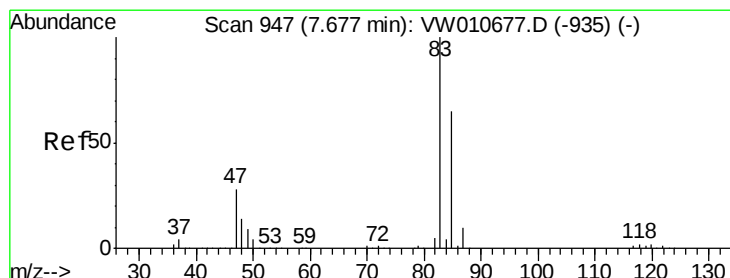
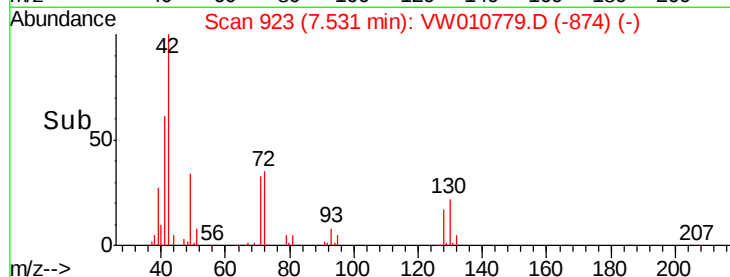
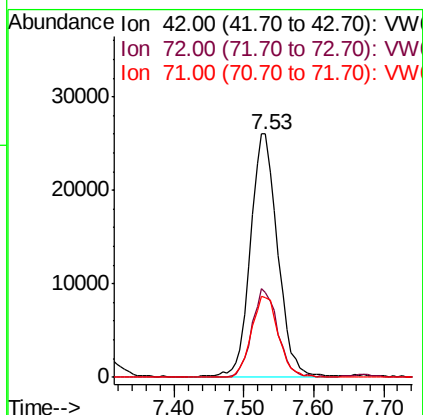
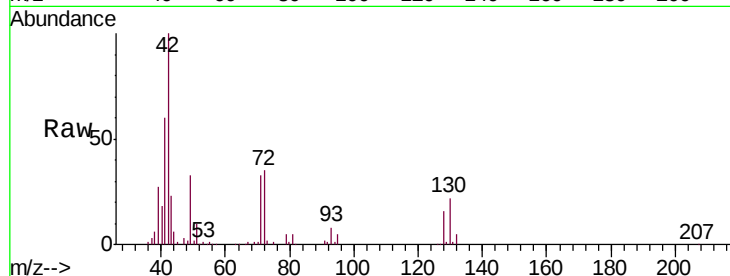




#29
Tetrahydrofuran
Concen: 110.812 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

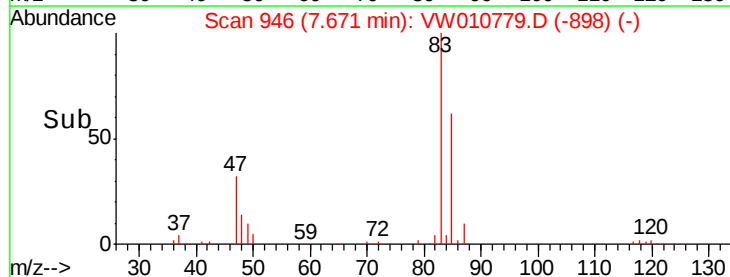
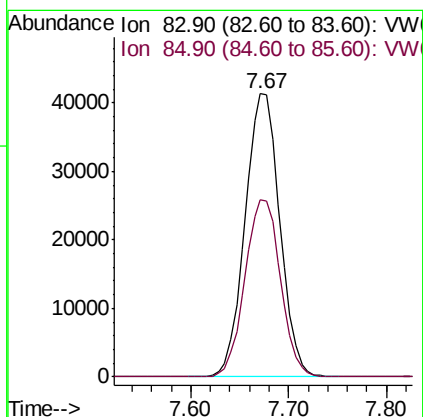
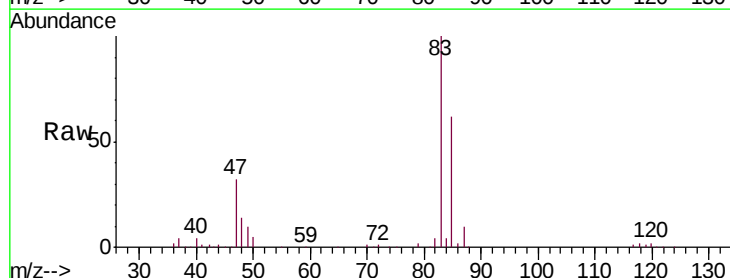
Instrument :
MSVOA_W
ClientSampled :
VW0612SBSD01

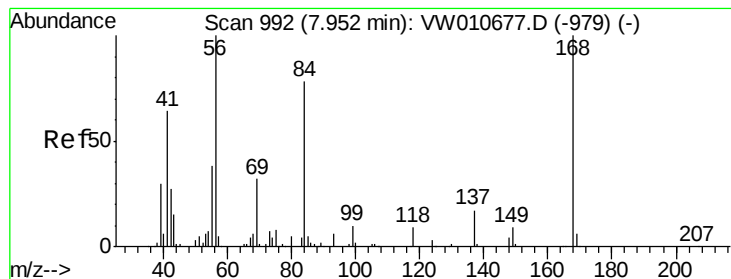
Tgt Ion: 42 Resp: 70953
Ion Ratio Lower Upper
42 100
72 34.3 28.7 43.1
71 32.7 26.6 39.8



#30
Chloroform
Concen: 22.492 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion: 83 Resp: 102310
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.8





#31

Cyclohexane

Concen: 21.688 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

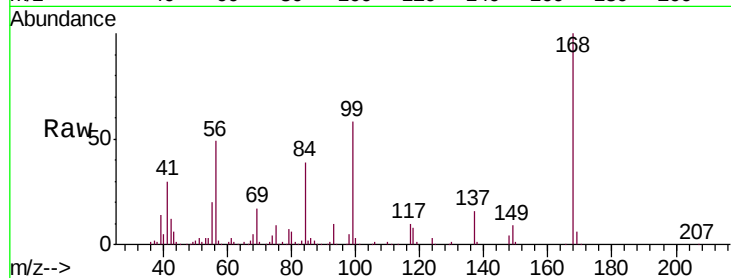
Tgt Ion: 56 Resp: 119890

Ion Ratio Lower Upper

56 100

69 35.3 25.2 37.8

84 77.9 62.2 93.2

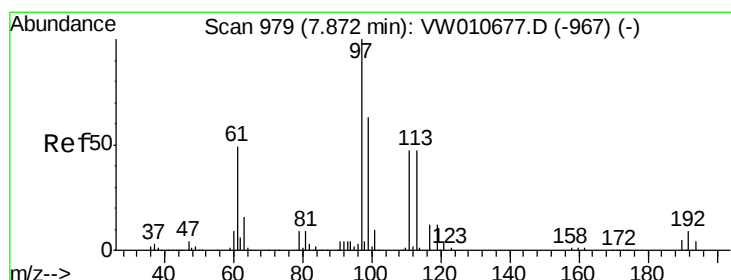
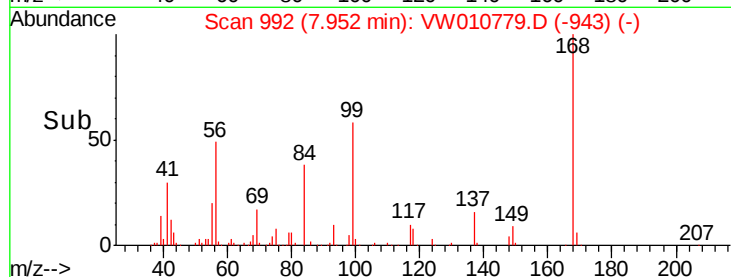
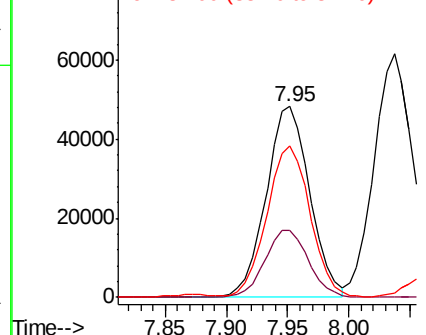


Abundance

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: 22.594 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

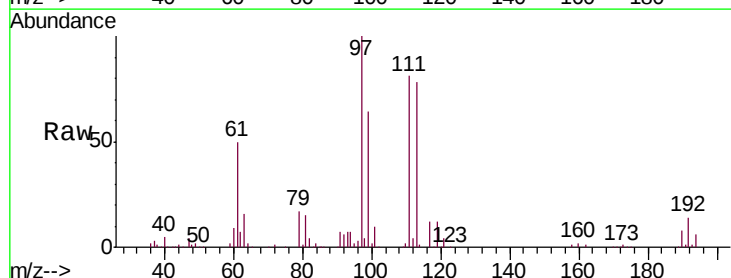
Tgt Ion: 97 Resp: 89775

Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 50.6 40.4 60.6

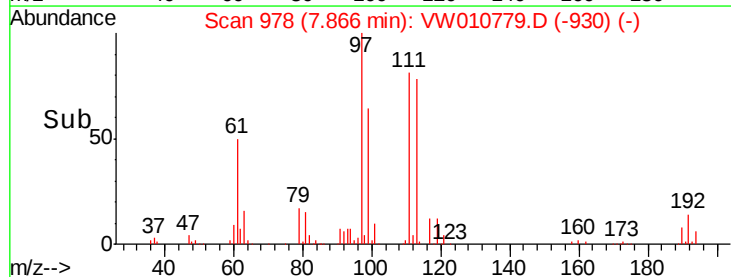
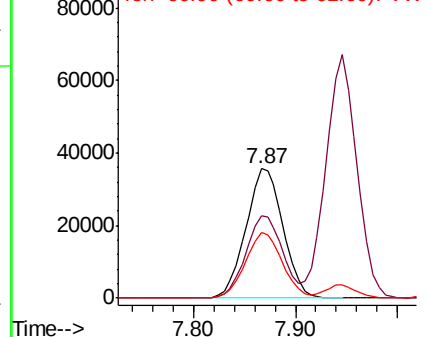


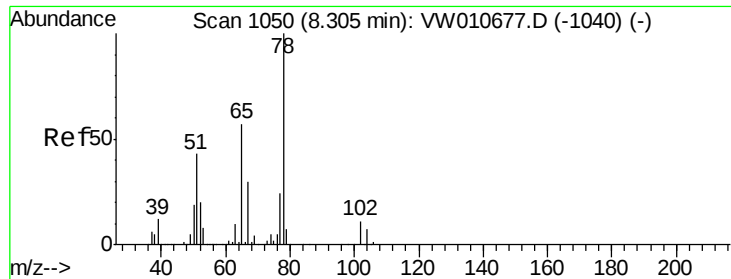
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

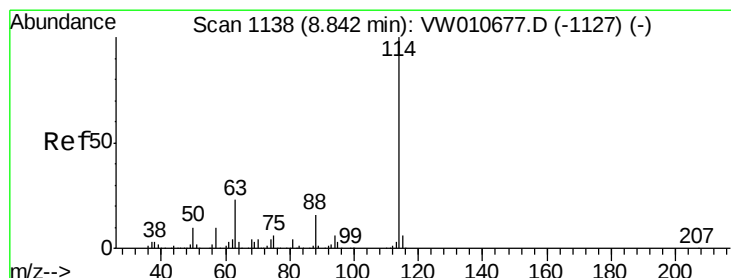
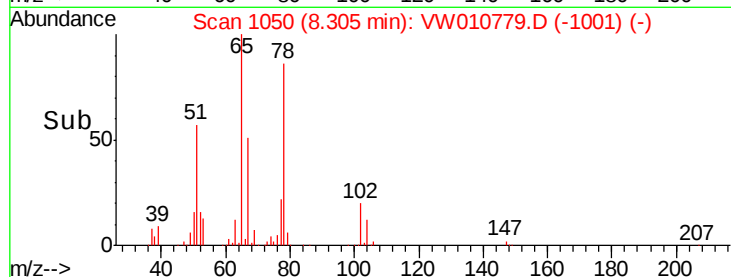
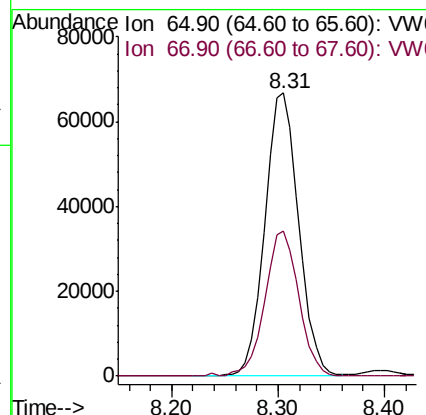
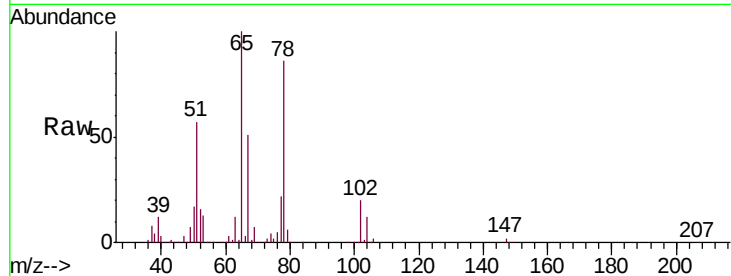




#33
 1,2-Dichloroethane-d4
 Concen: 53.913 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

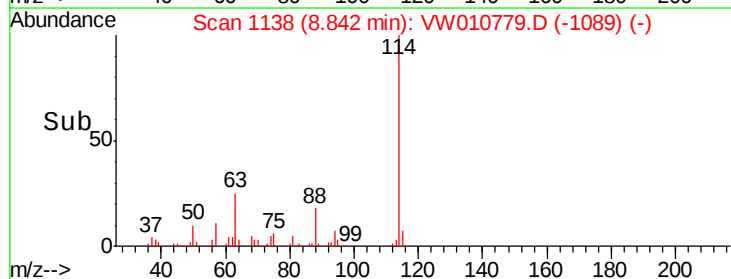
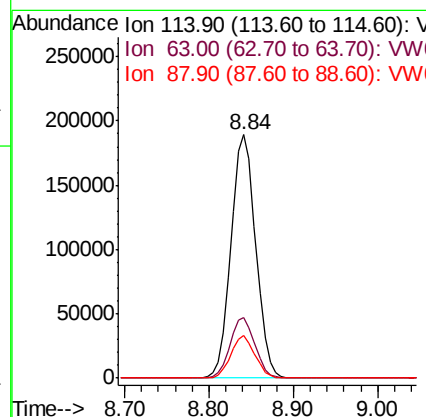
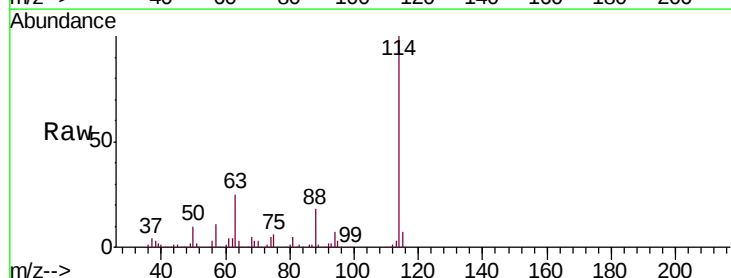
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

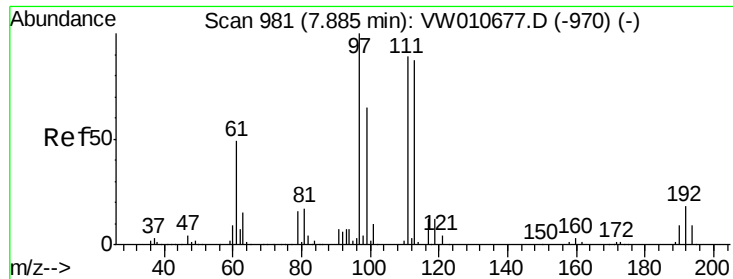
Tgt Ion: 65 Resp: 147713
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion: 114 Resp: 378187
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 46.4
 88 17.7 0.0 32.2

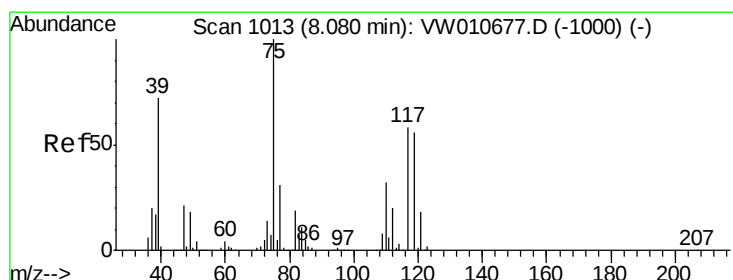
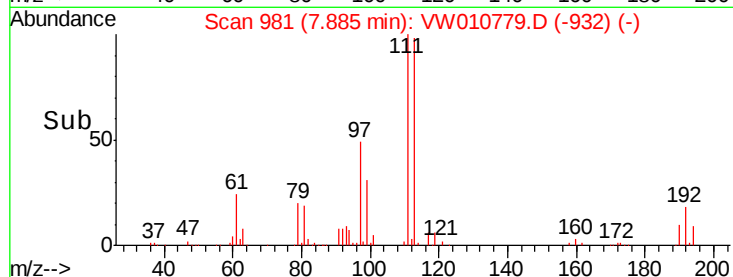
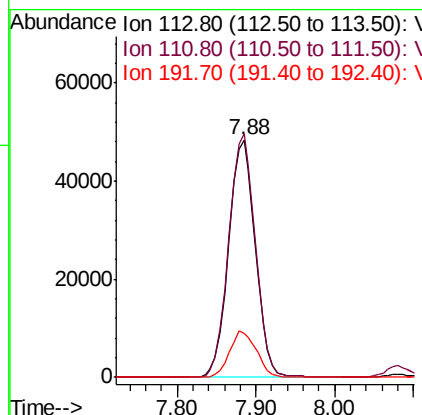
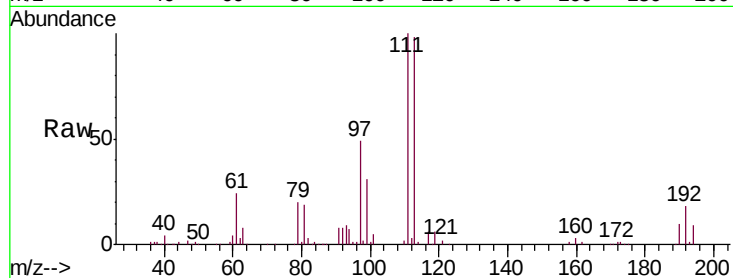




#35
 Dibromofluoromethane
 Concen: 55.389 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

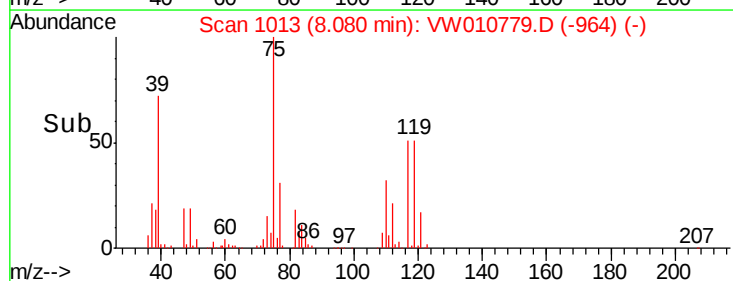
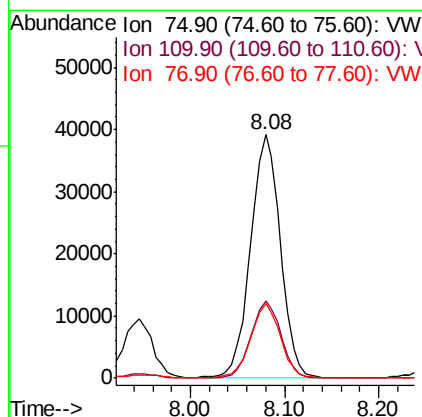
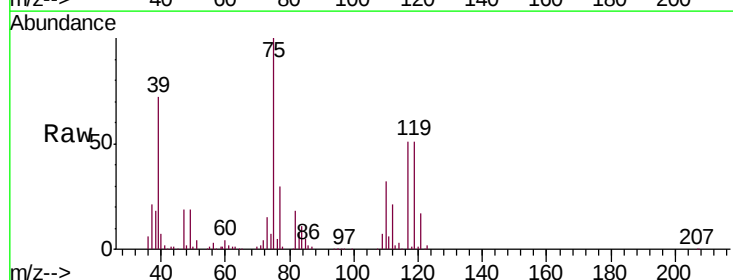
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

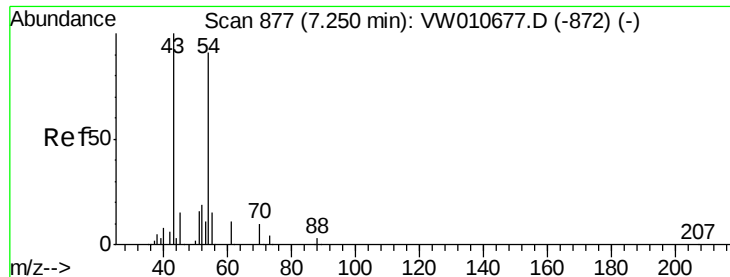
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	19.6	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 22.326 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.7	15.8	47.3
77	30.6	24.7	37.1

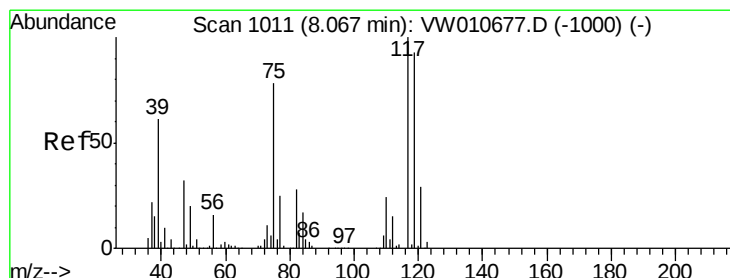
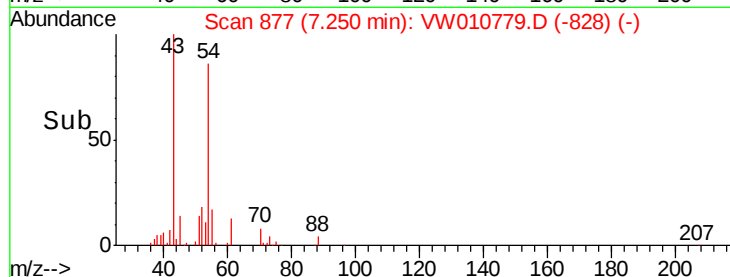
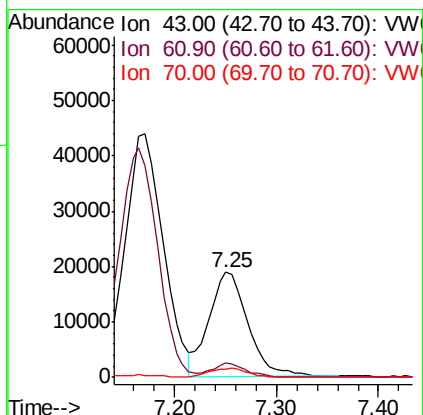
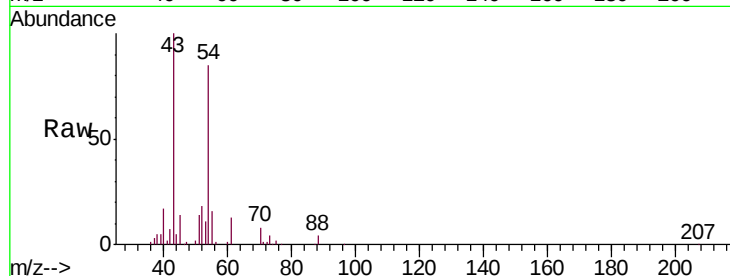




#37
Ethyl Acetate
Concen: 23.344 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

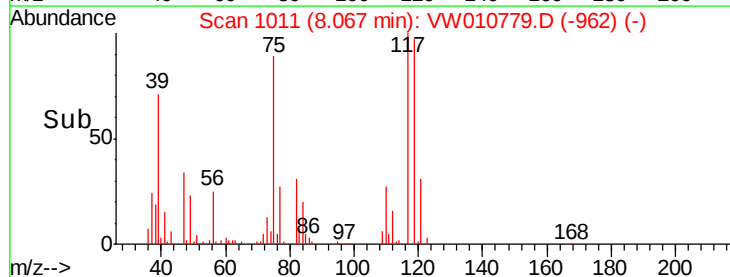
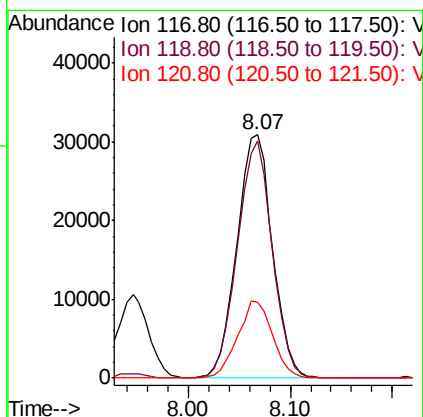
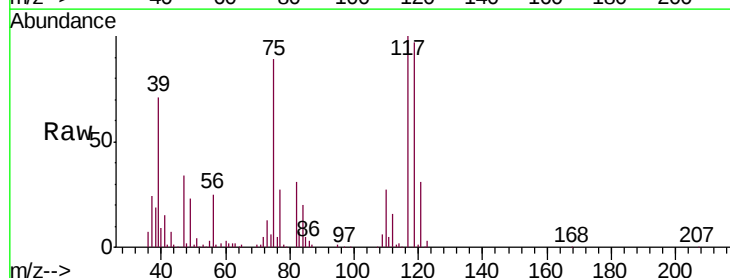
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

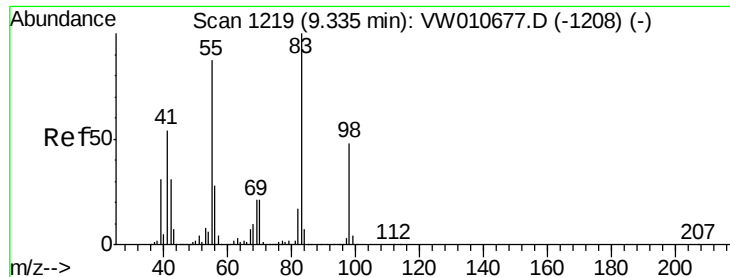
Tgt Ion: 43 Resp: 50078
Ion Ratio Lower Upper
43 100
61 11.7 9.7 14.5
70 8.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 22.400 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion: 117 Resp: 74858
Ion Ratio Lower Upper
117 100
119 97.4 74.2 111.4
121 31.2 22.9 34.3

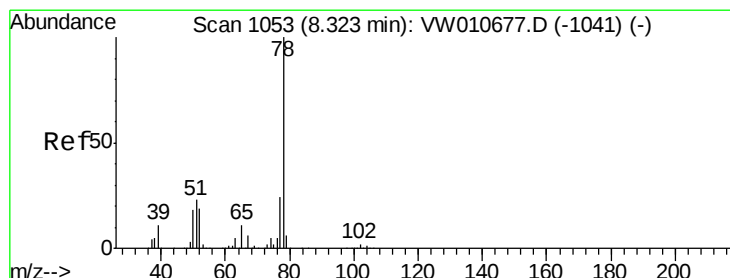
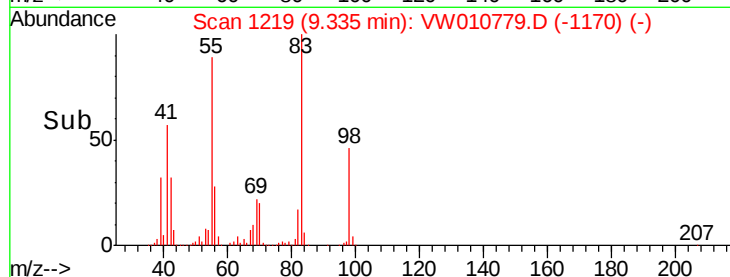
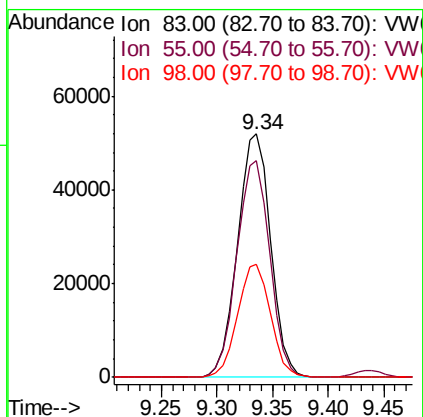
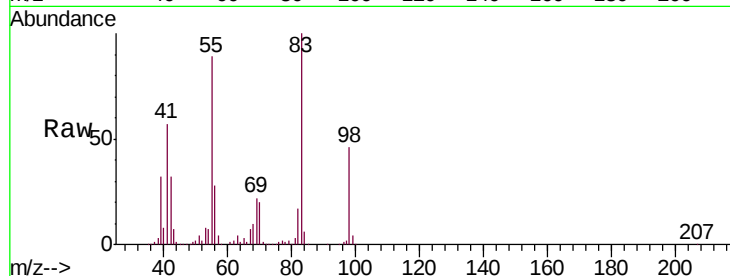




#39
Methylcyclohexane
Concen: 21.773 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

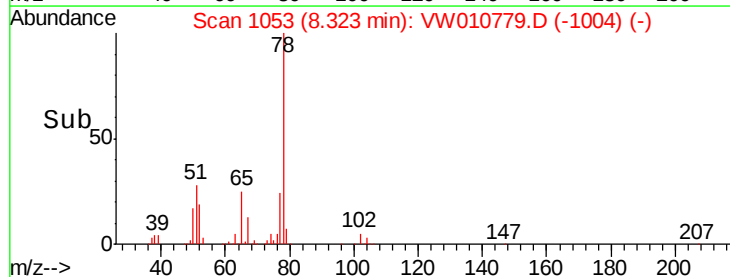
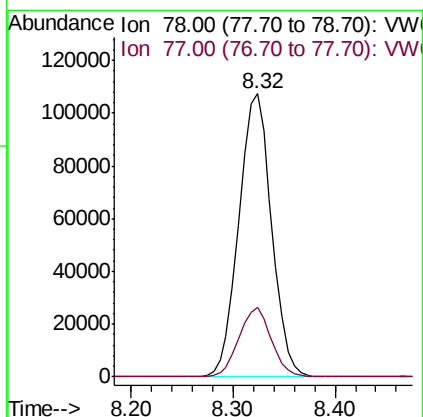
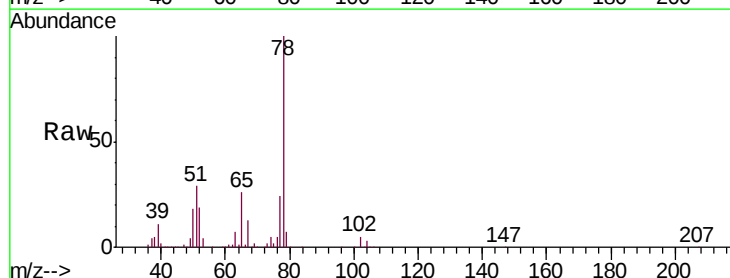
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

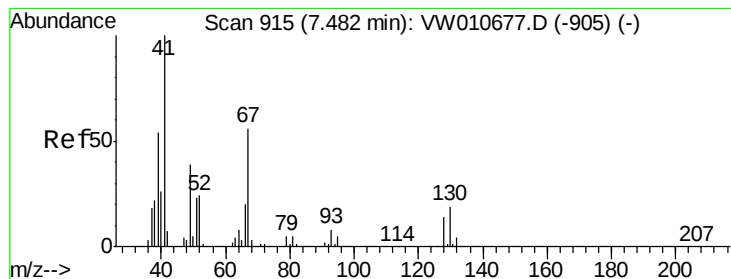
Tgt Ion: 83 Resp: 107146
Ion Ratio Lower Upper
83 100
55 89.0 70.0 105.0
98 46.4 38.1 57.1



#40
Benzene
Concen: 22.587 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion: 78 Resp: 238535
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7





#41

Methacrylonitrile

Concen: 19.635 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

Tgt Ion: 41 Resp: 25037

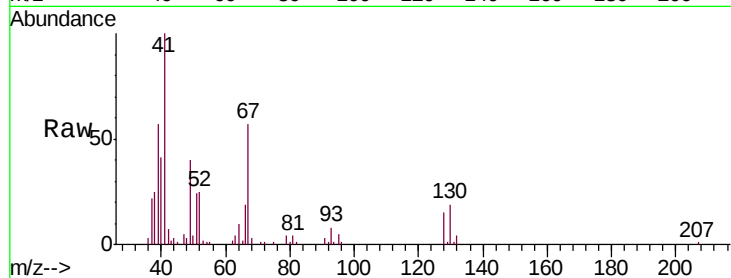
Ion Ratio Lower Upper

41 100

39 62.7 47.3 70.9

67 66.5 47.2 70.8

52 31.6 21.3 31.9

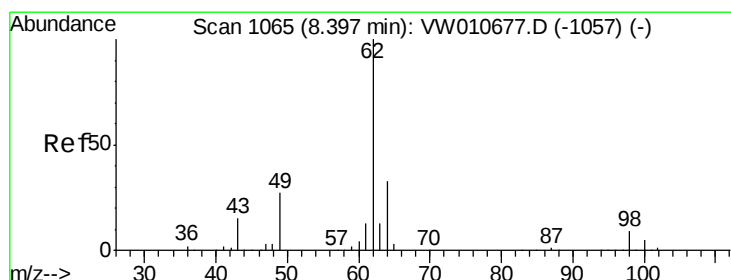
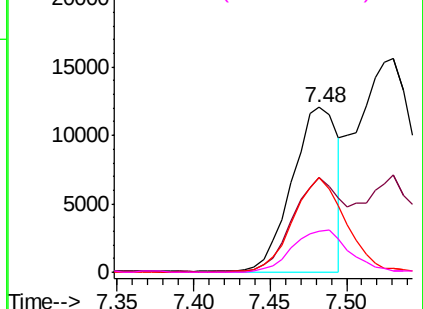
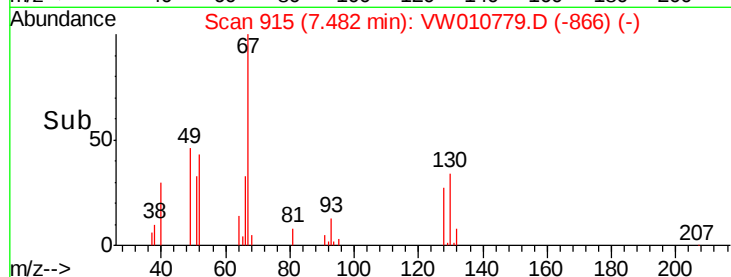


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 22.891 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW010779.D

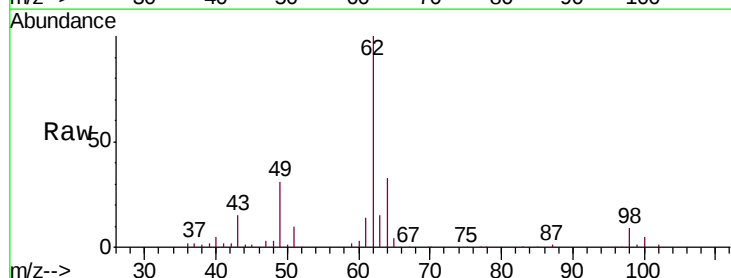
Acq: 12 Jun 2019 15:42

Tgt Ion: 62 Resp: 76726

Ion Ratio Lower Upper

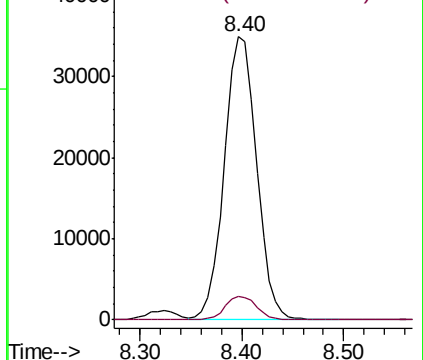
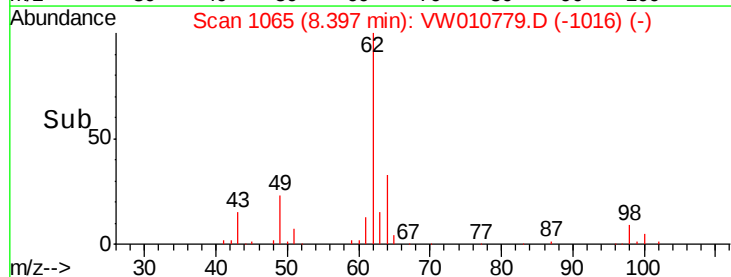
62 100

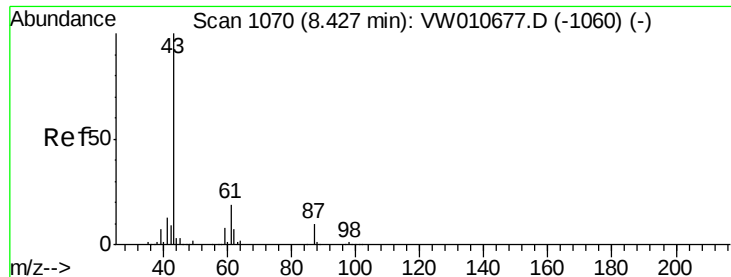
98 8.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.168 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

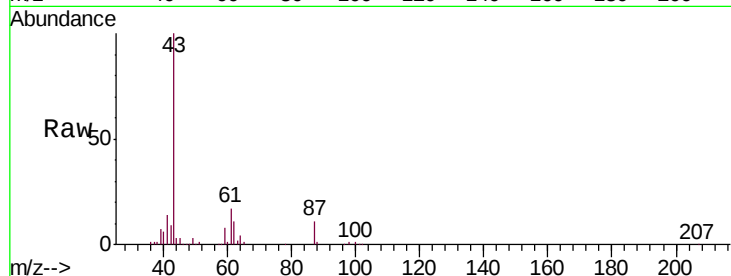
Tgt Ion: 43 Resp: 91871

Ion Ratio Lower Upper

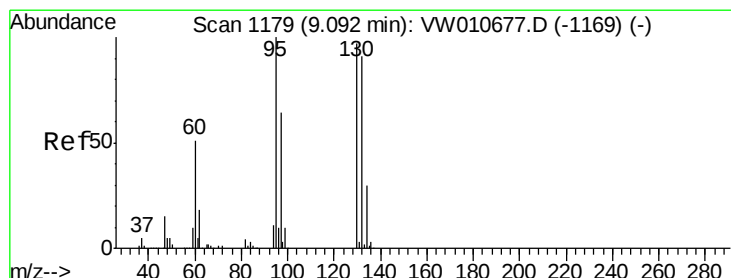
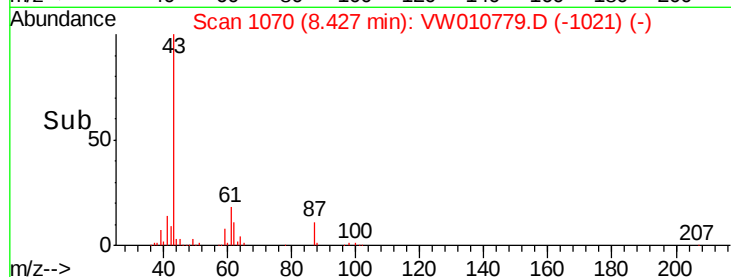
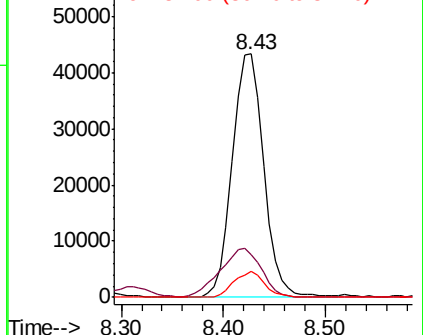
43 100

61 26.9 21.2 31.8

87 10.5 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: 22.281 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010779.D

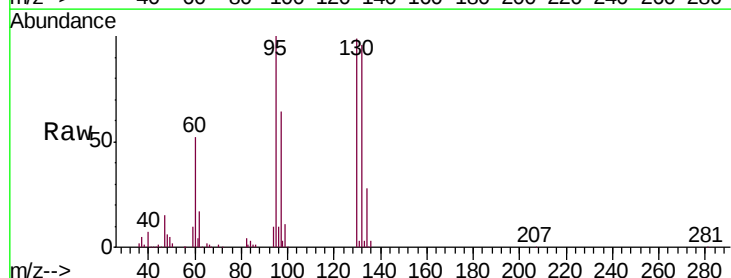
Acq: 12 Jun 2019 15:42

Tgt Ion: 130 Resp: 58044

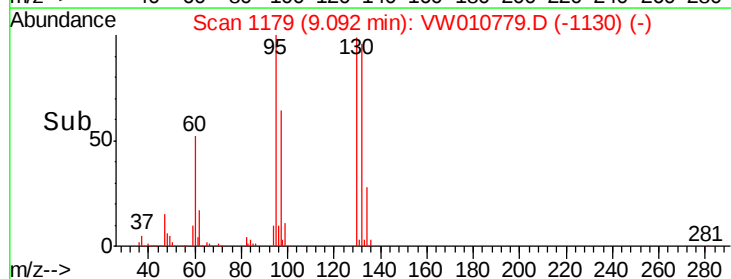
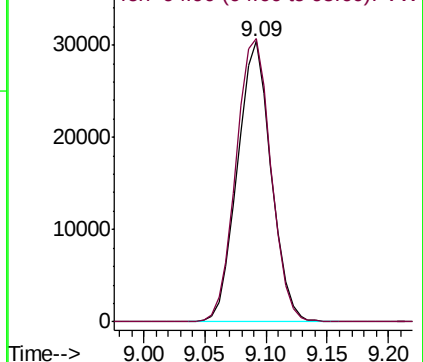
Ion Ratio Lower Upper

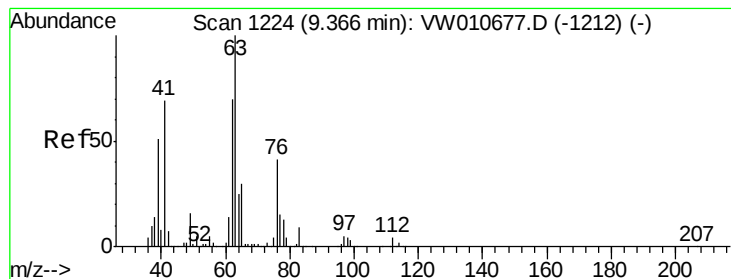
130 100

95 101.0 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: 22.999 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampled :

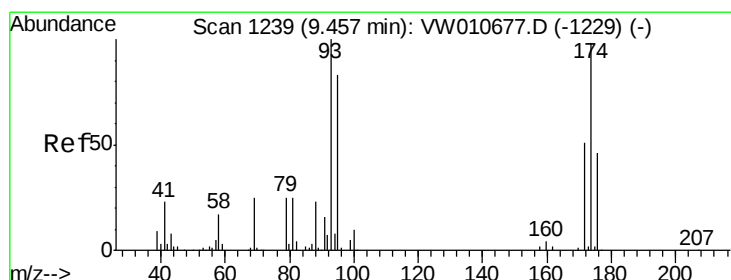
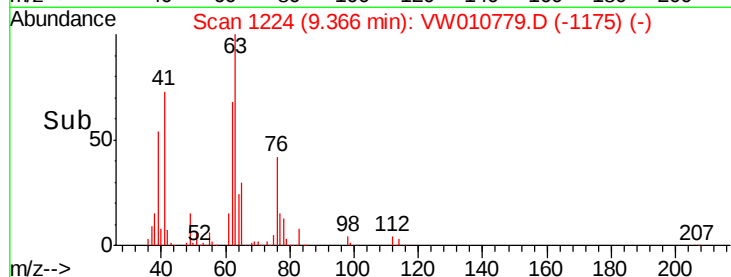
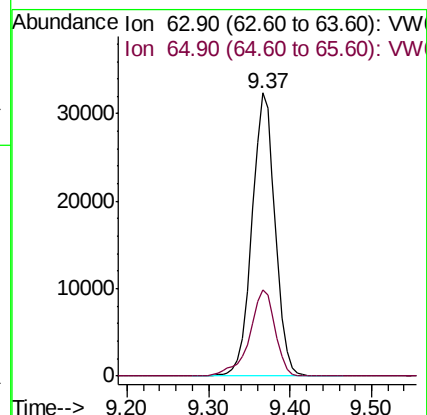
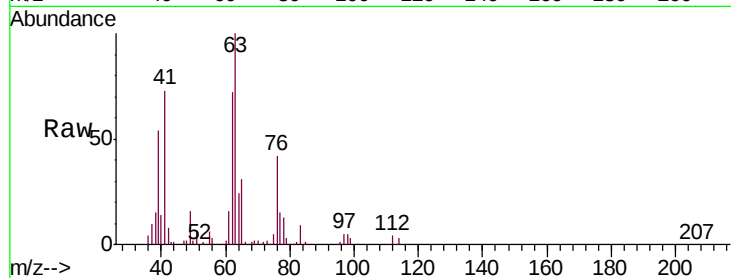
VW0612SBSD01

Tgt Ion: 63 Resp: 64297

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 22.178 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

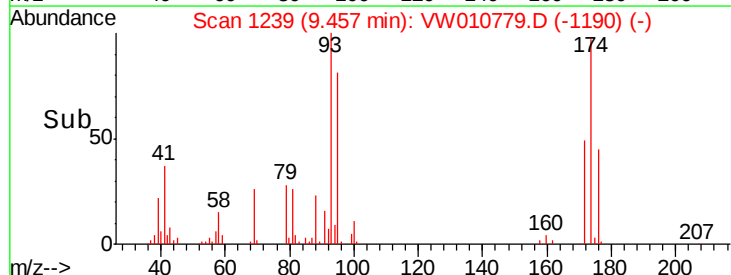
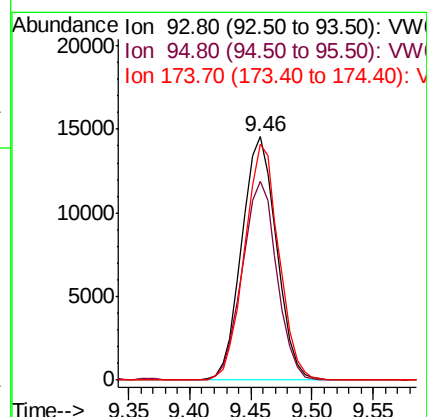
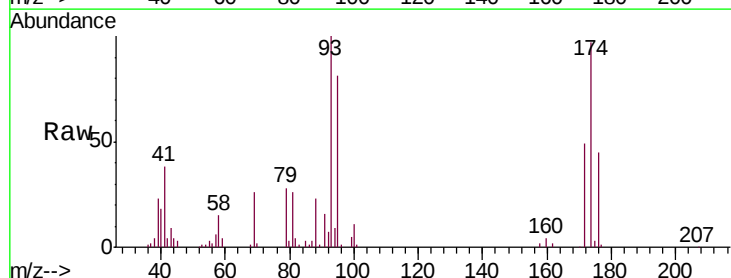
Tgt Ion: 93 Resp: 28798

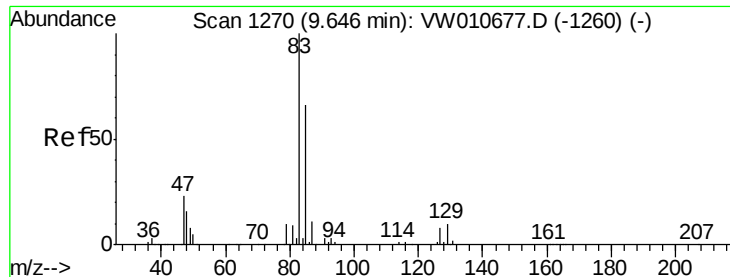
Ion Ratio Lower Upper

93 100

95 80.9 65.8 98.8

174 95.5 77.4 116.0





#47

Bromodichloromethane

Concen: 21.961 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

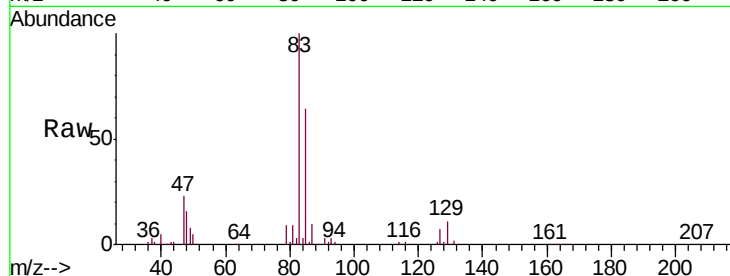
Tgt Ion: 83 Resp: 73918

Ion Ratio Lower Upper

83 100

85 63.7 53.0 79.4

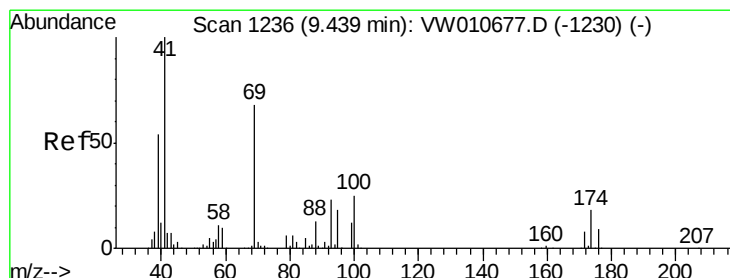
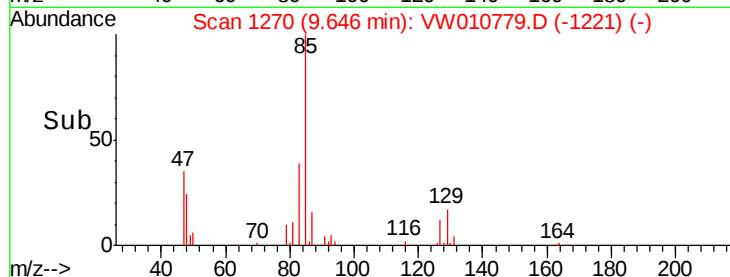
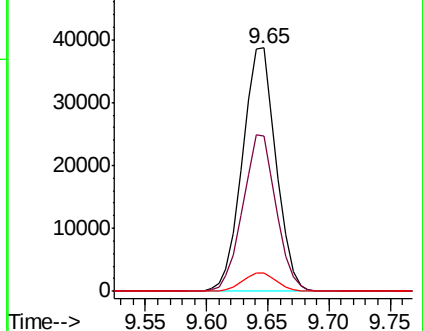
127 7.5 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 22.542 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

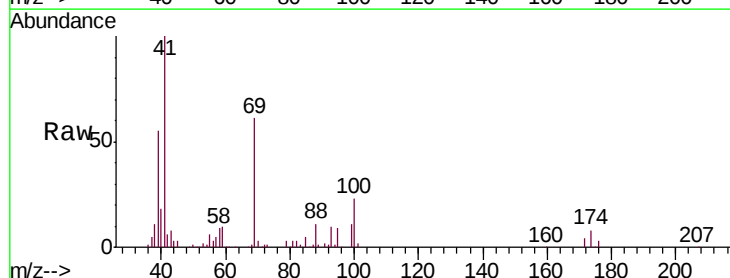
Tgt Ion: 41 Resp: 45044

Ion Ratio Lower Upper

41 100

69 68.6 56.6 85.0

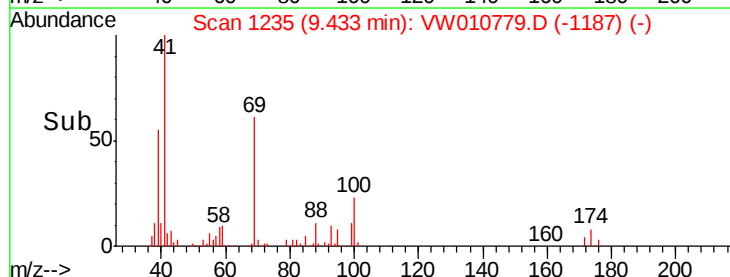
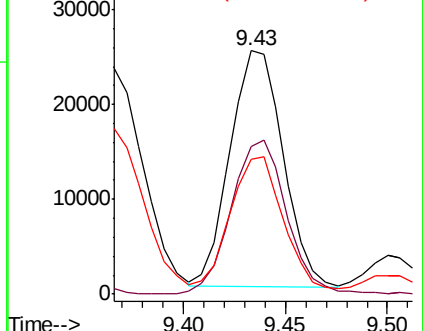
39 54.6 44.4 66.6

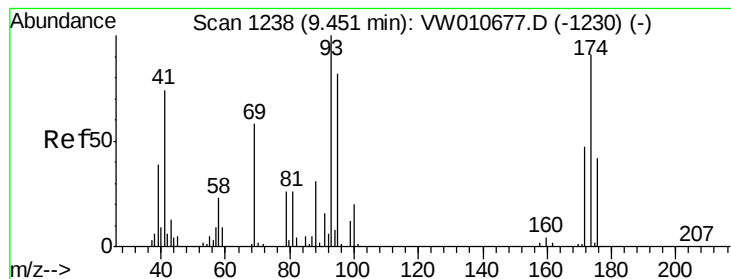


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 454.607 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

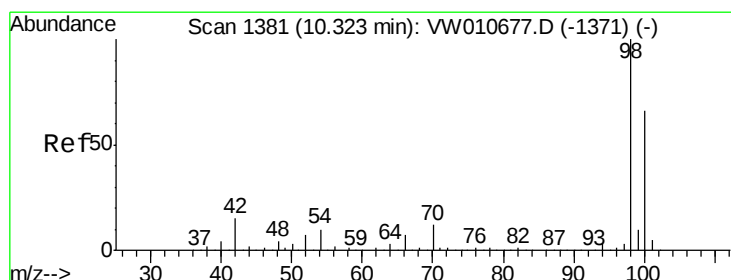
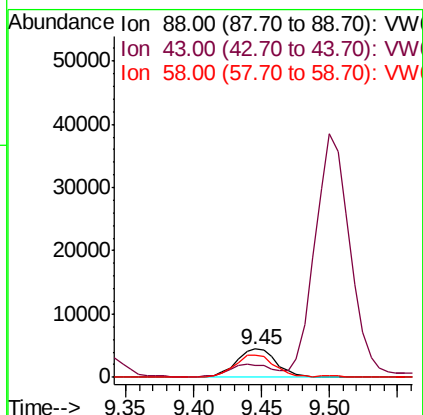
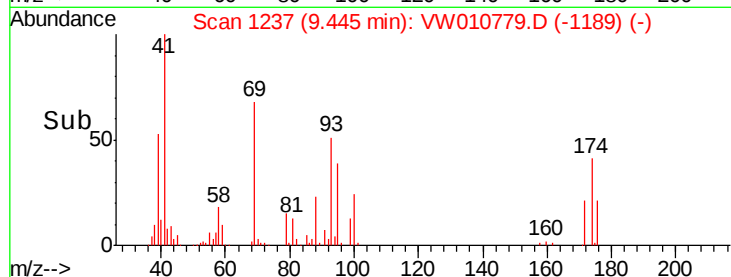
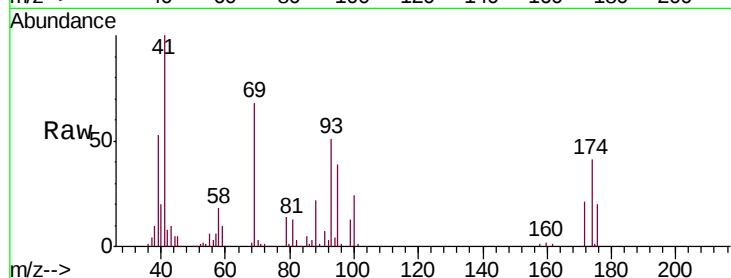
Tgt Ion: 88 Resp: 9229

Ion Ratio Lower Upper

88 100

43 45.9 34.2 51.4

58 80.3 69.0 103.4



#50

Toluene-d8

Concen: 53.145 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010779.D

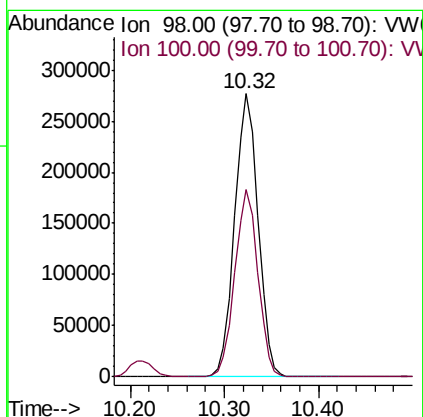
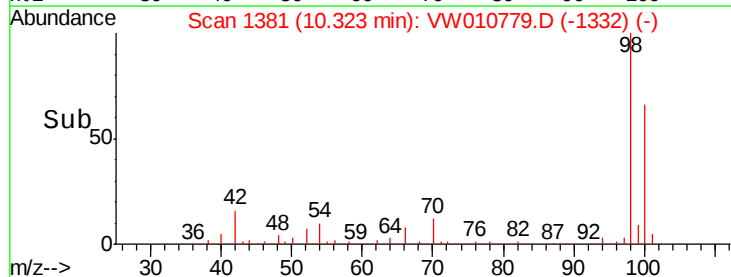
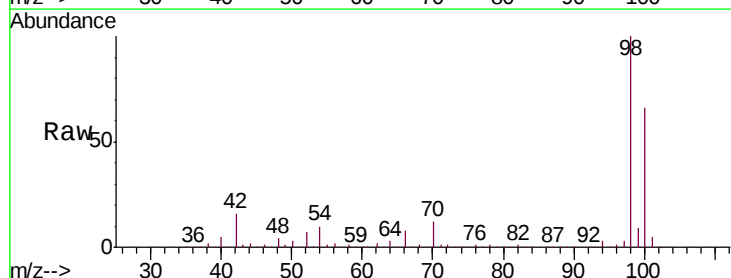
Acq: 12 Jun 2019 15:42

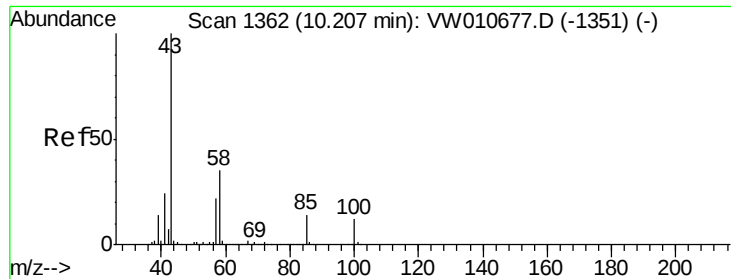
Tgt Ion: 98 Resp: 478378

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6

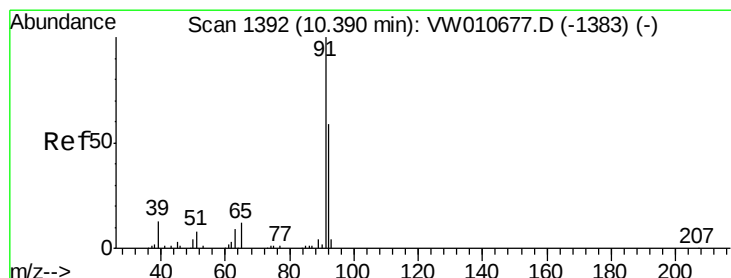
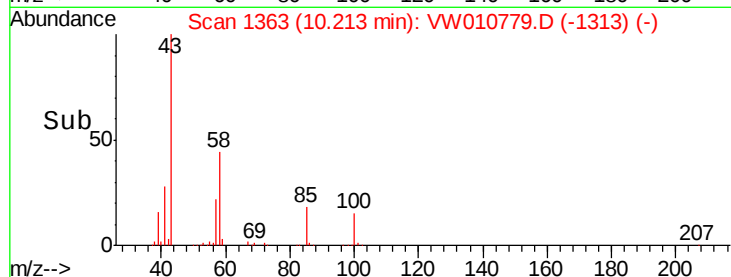
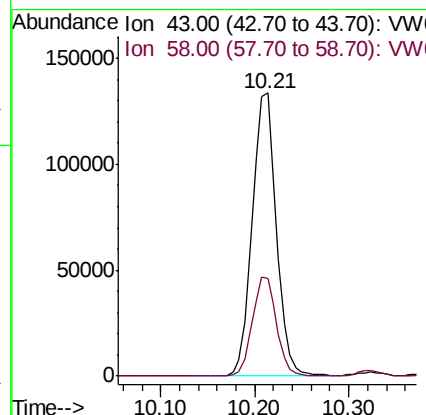
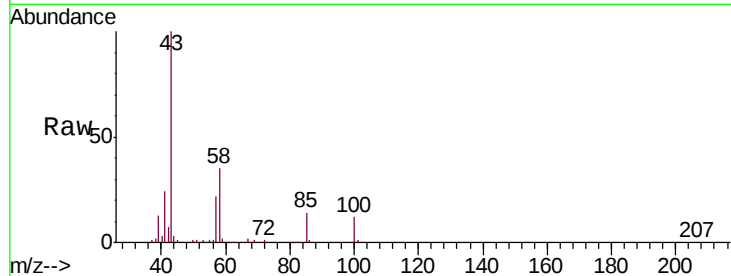




#51
 4-Methyl-2-Pentanone
 Concen: 113.545 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

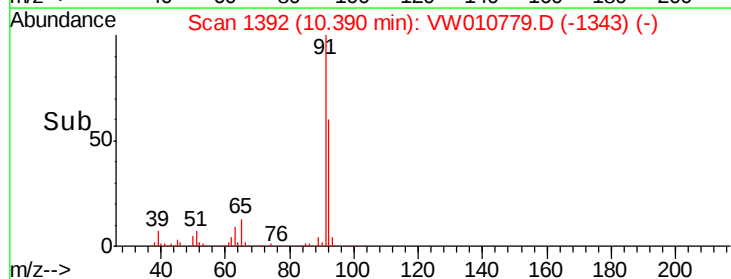
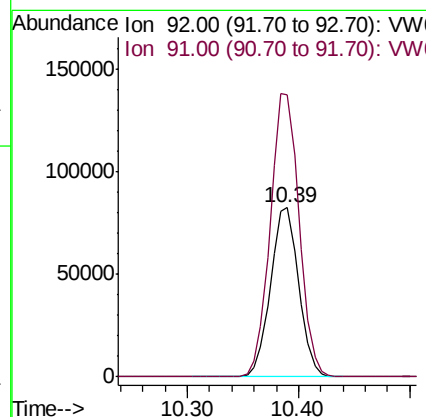
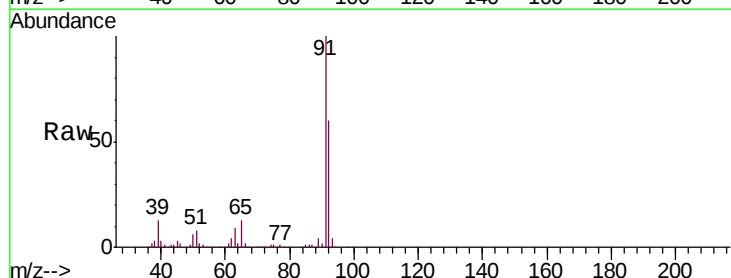
Instrument :
 MSVOA_W
 ClientSampled :
 VW0612SBSD01

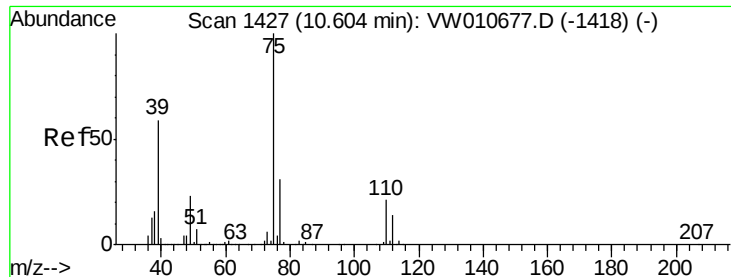
Tgt Ion: 43 Resp: 240400
 Ion Ratio Lower Upper
 43 100
 58 35.0 28.4 42.6



#52
 Toluene
 Concen: 22.516 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion: 92 Resp: 146305
 Ion Ratio Lower Upper
 92 100
 91 171.1 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 22.273 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

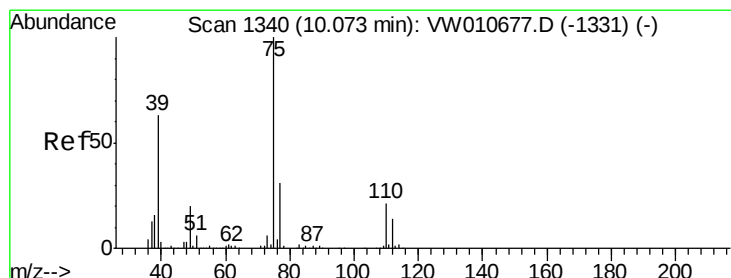
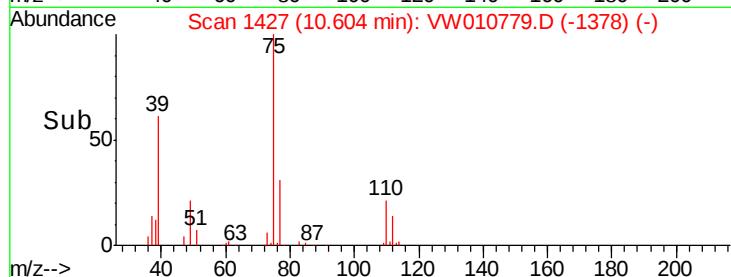
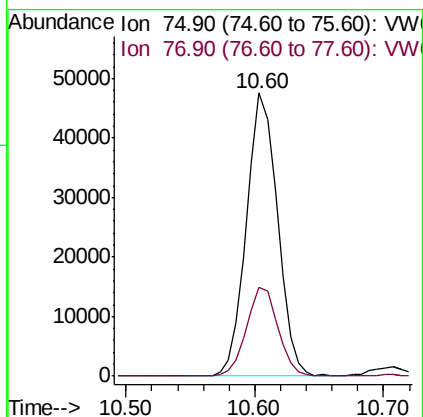
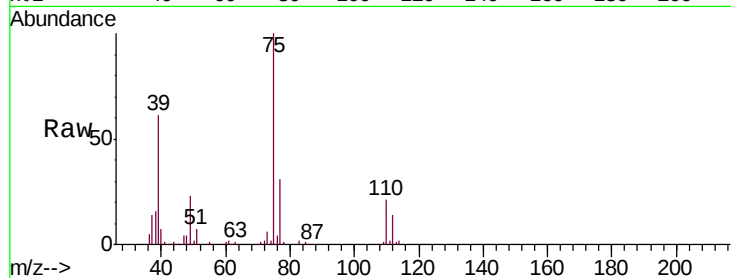
VW0612SBSD01

Tgt Ion: 75 Resp: 79404

Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 22.458 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

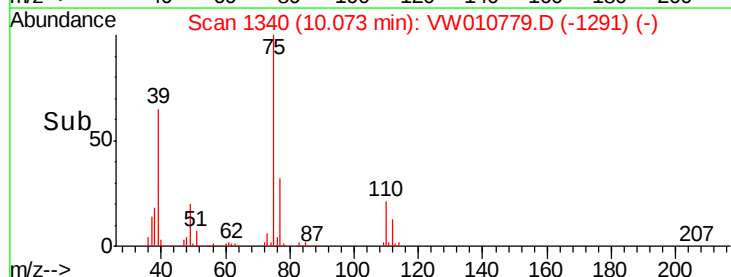
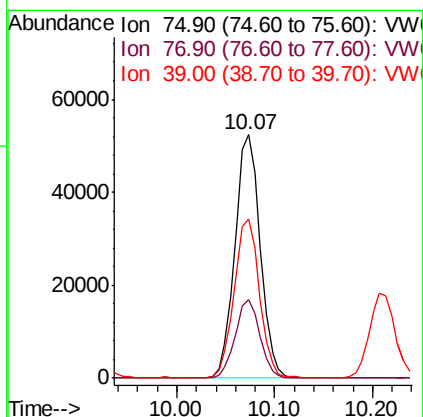
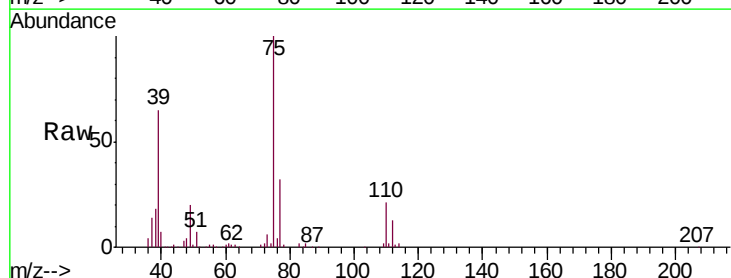
Tgt Ion: 75 Resp: 94215

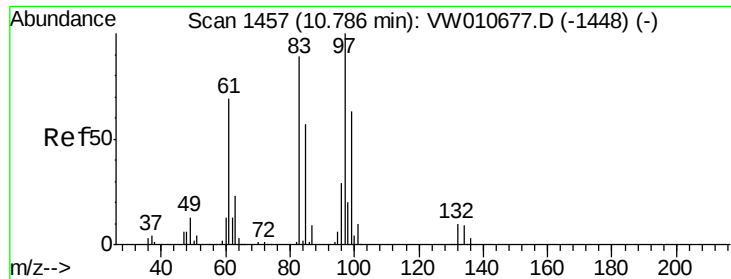
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

39 65.0 50.1 75.1

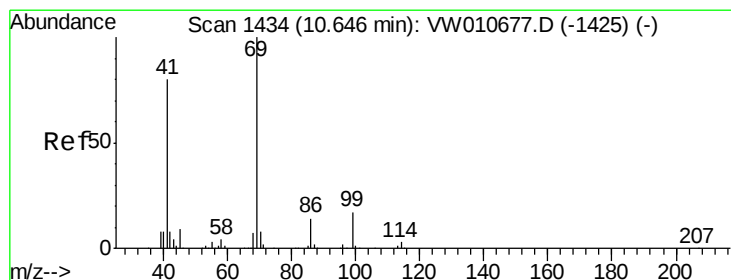
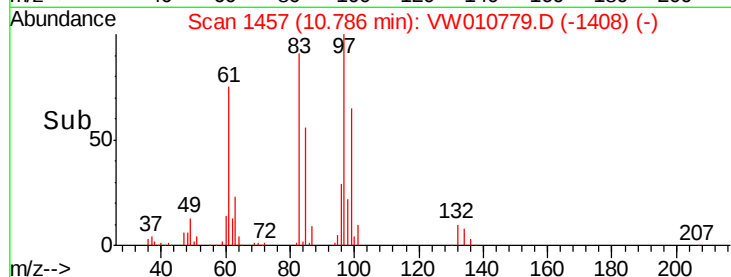
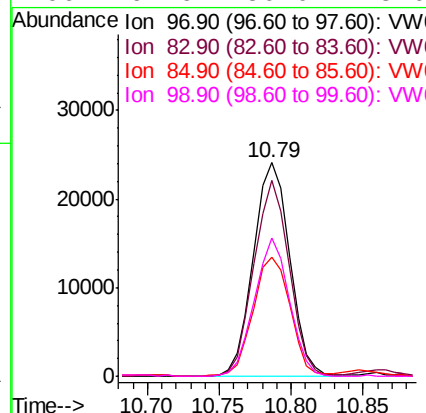
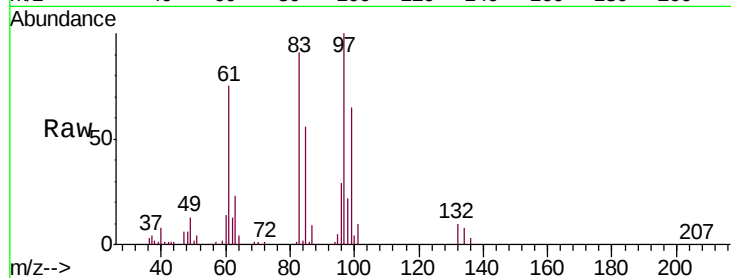




#55
 1,1,2-Trichloroethane
 Concen: 22.493 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

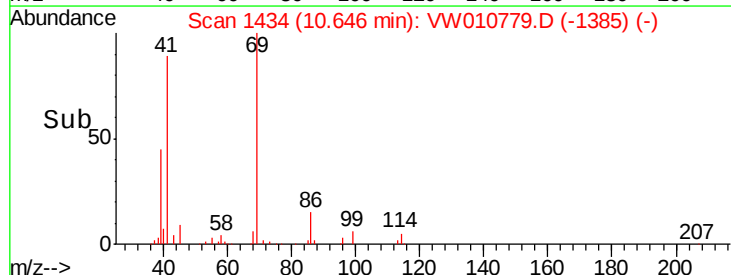
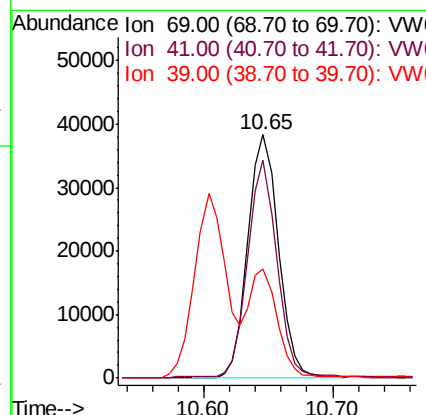
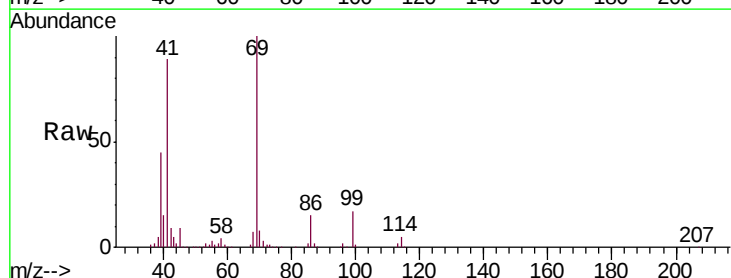
Instrument :
 MSVOA_W
 ClientSampled :
 VW0612SBSD01

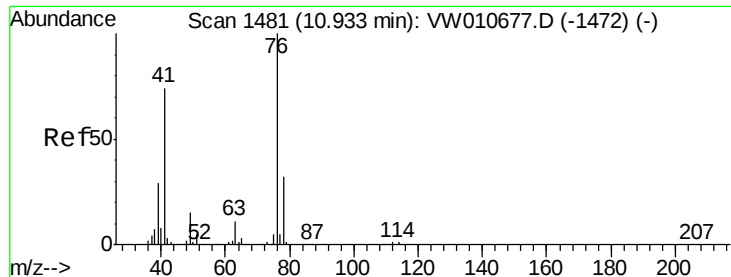
Tgt Ion	Resp	Lower	Upper
97	42075		
Ion Ratio			
97	100		
83	91.4	71.1	106.7
85	55.5	45.2	67.8
99	64.6	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 21.931 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion	Resp	Lower	Upper
69	63126		
Ion Ratio			
69	100		
41	85.7	64.8	97.2
39	41.1	32.2	48.2

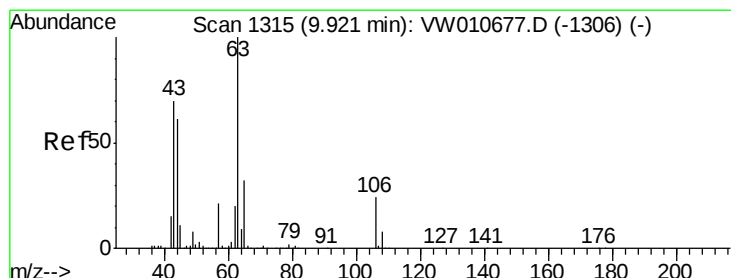
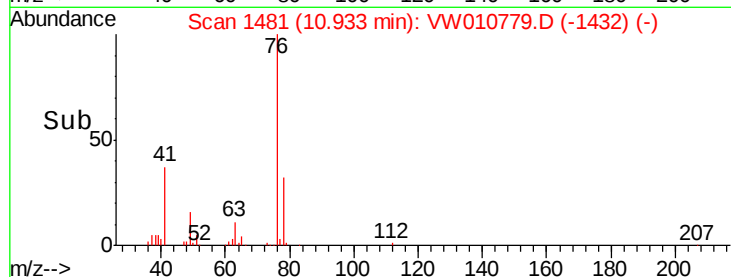
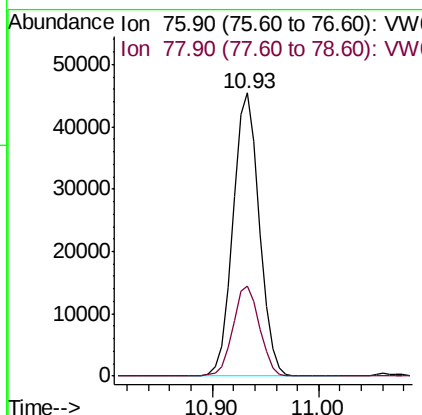
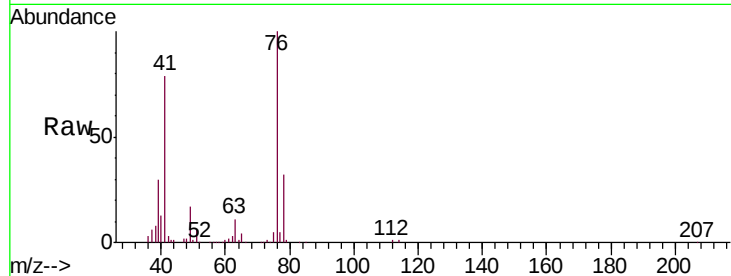




#57
 1,3-Dichloropropane
 Concen: 22.339 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

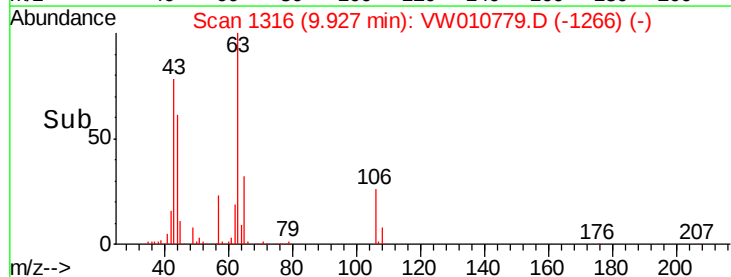
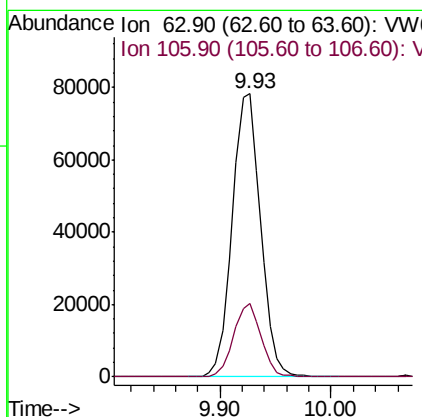
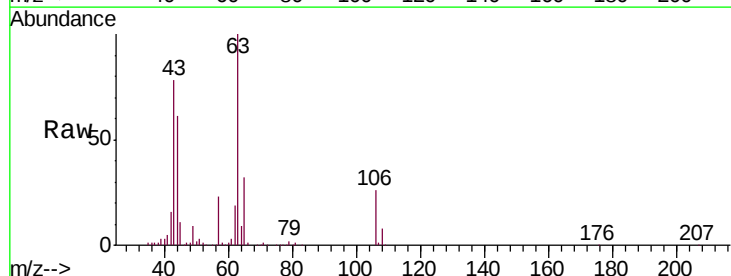
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

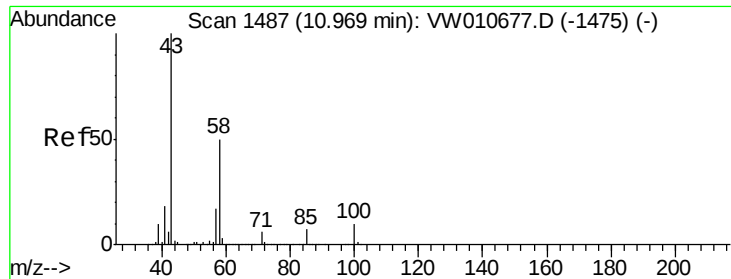
Tgt Ion: 76 Resp: 78751
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.582 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion: 63 Resp: 138069
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.1 30.1





#59

2-Hexanone

Concen: 112.850 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

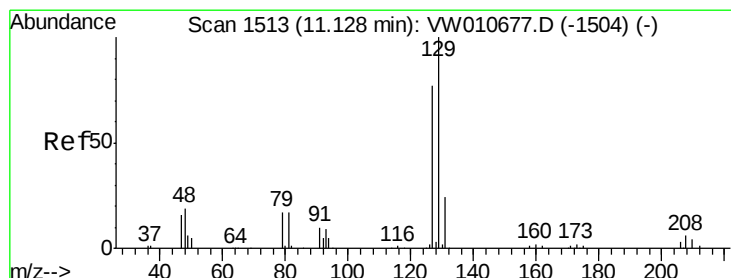
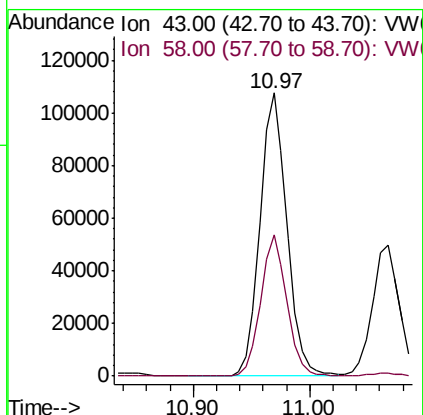
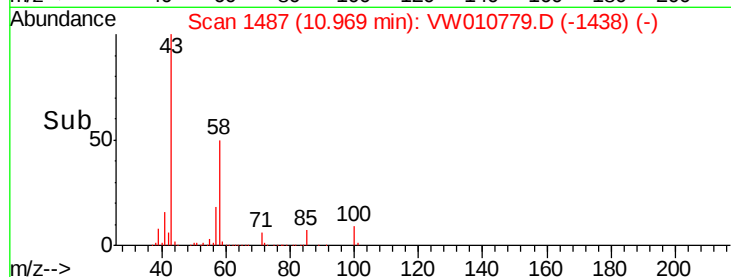
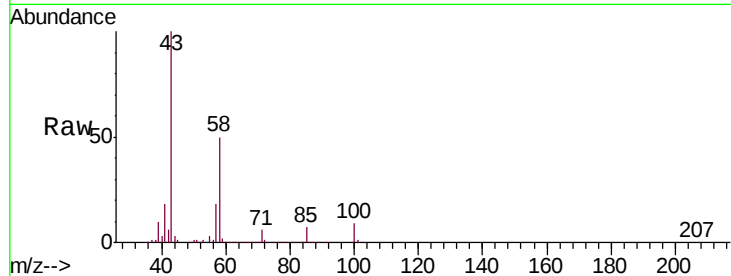
VW0612SBSD01

Tgt Ion: 43 Resp: 172680

Ion Ratio Lower Upper

43 100

58 48.5 24.9 74.6



#60

Dibromochloromethane

Concen: 21.463 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW010779.D

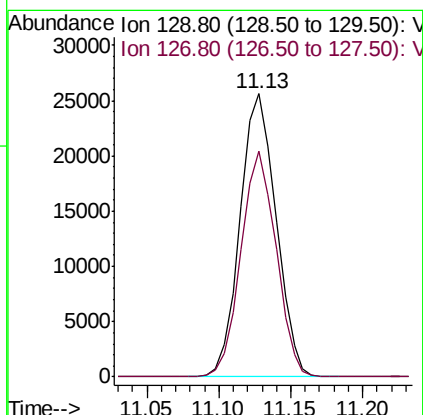
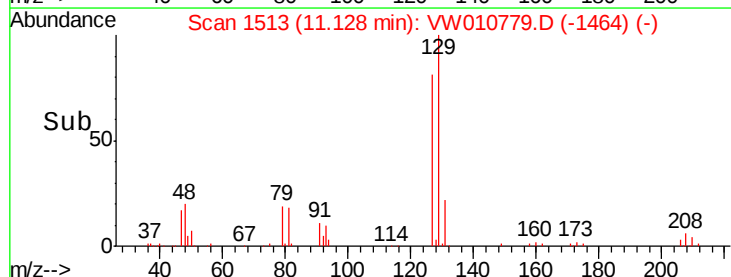
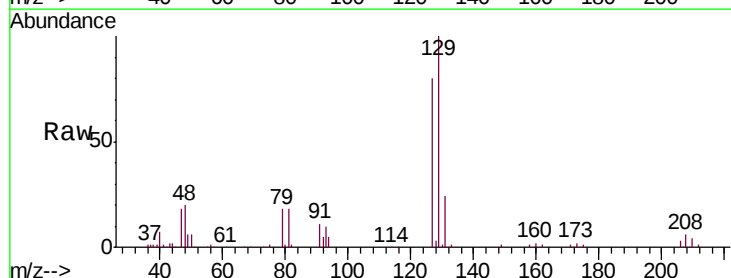
Acq: 12 Jun 2019 15:42

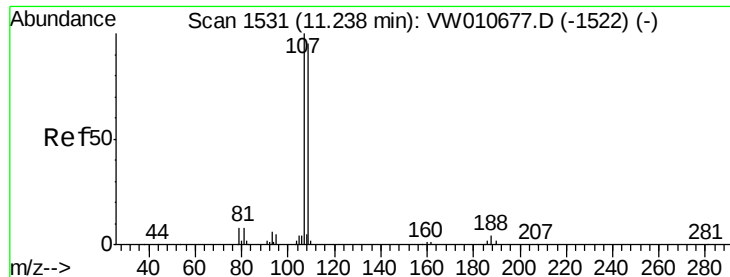
Tgt Ion: 129 Resp: 44505

Ion Ratio Lower Upper

129 100

127 77.6 38.6 116.0

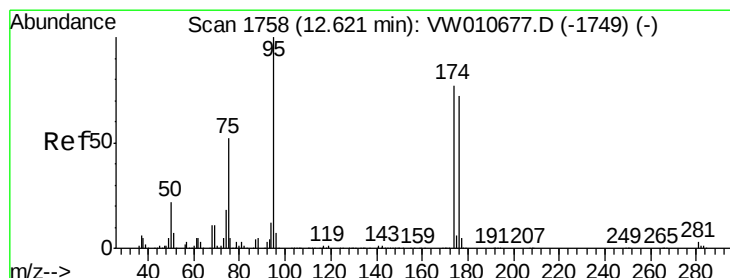
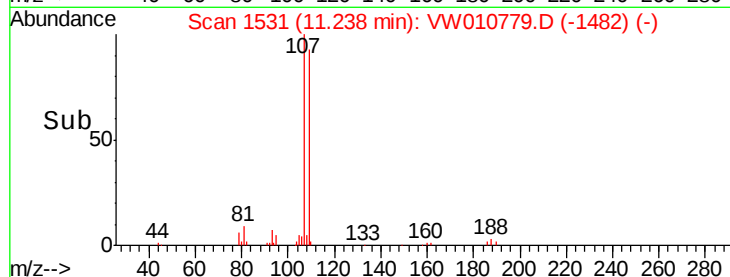
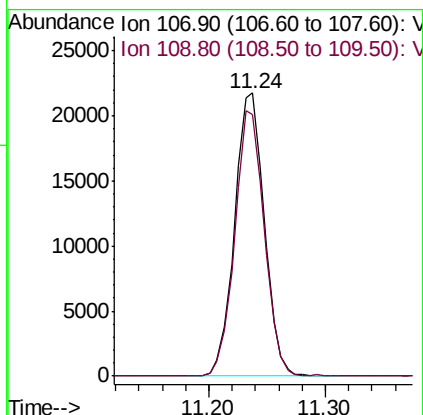
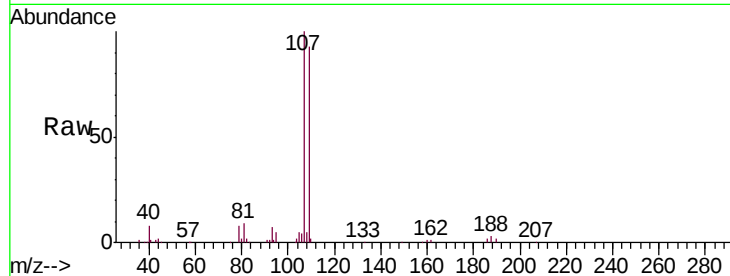




#61
 1,2-Dibromoethane
 Concen: 21.804 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

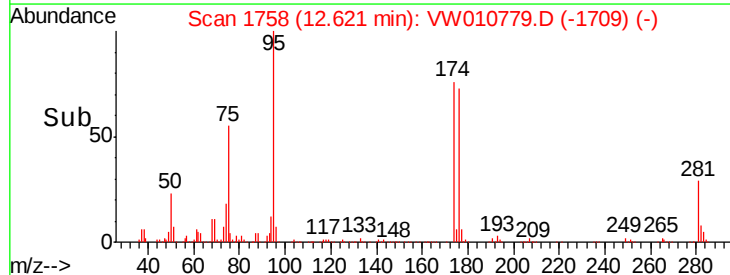
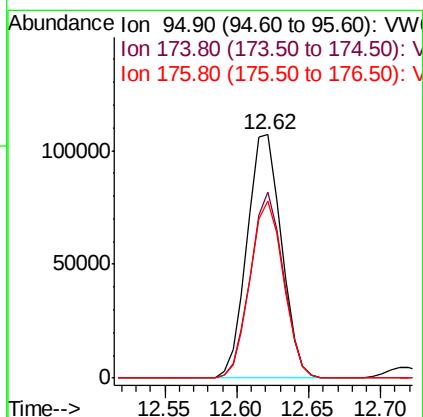
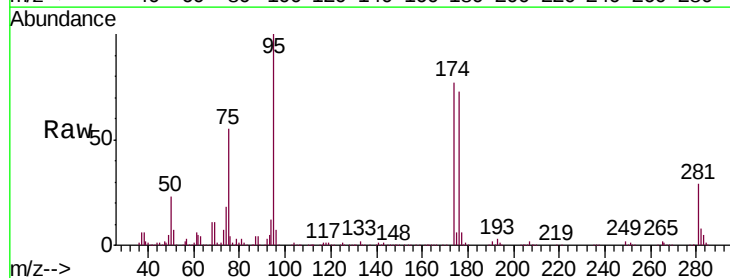
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tgt Ion: 107 Resp: 38644
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 54.033 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion: 95 Resp: 176986
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 150.4
 176 71.0 0.0 144.8

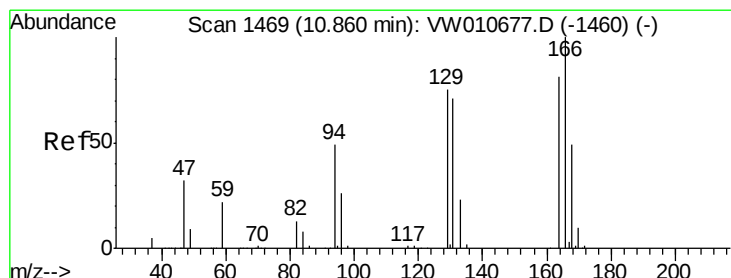
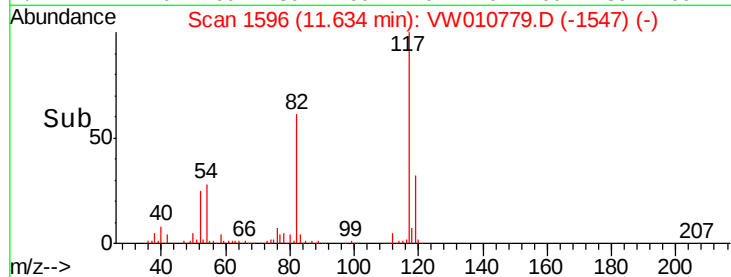
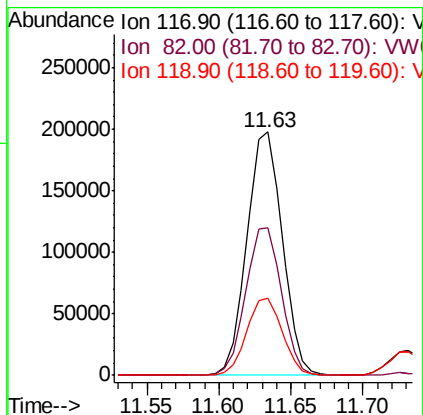
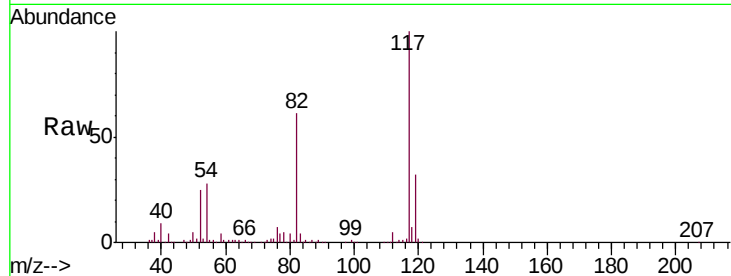




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

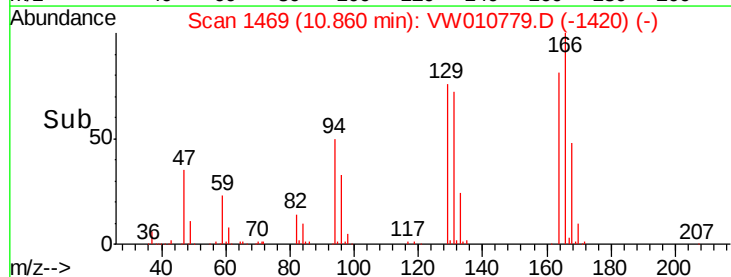
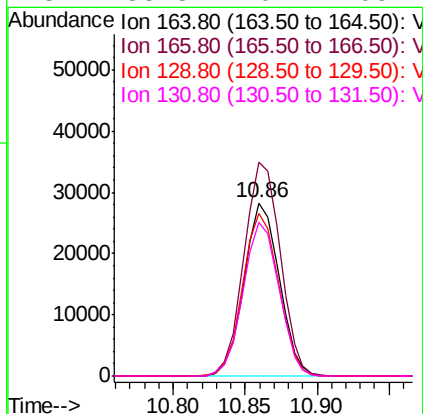
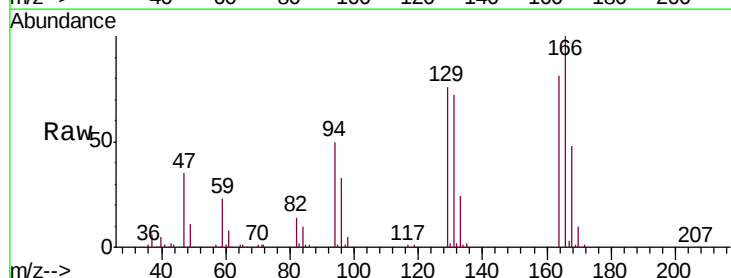
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

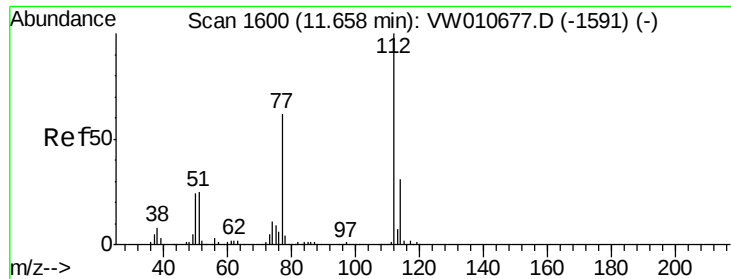
Tgt Ion:117 Resp: 336311
Ion Ratio Lower Upper
117 100
82 60.8 47.0 70.4
119 31.7 25.1 37.7



#64
Tetrachloroethene
Concen: 21.420 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion:164 Resp: 47830
Ion Ratio Lower Upper
164 100
166 123.4 99.2 148.8
129 94.1 74.6 112.0
131 88.8 70.2 105.4

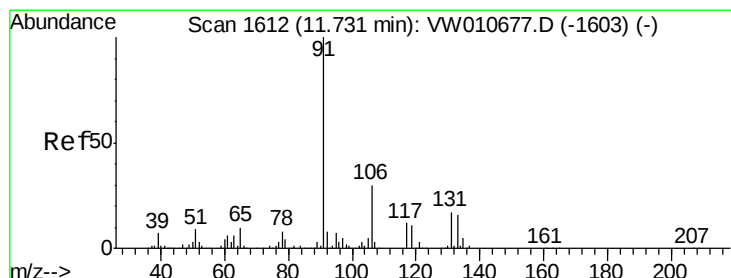
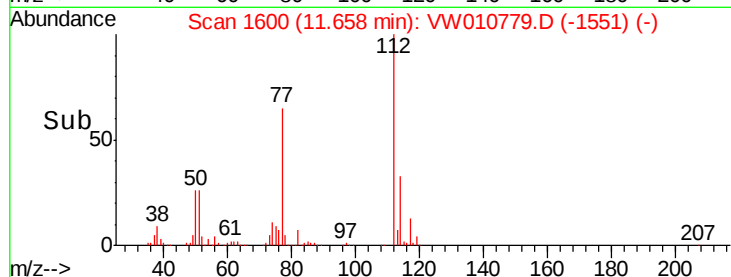
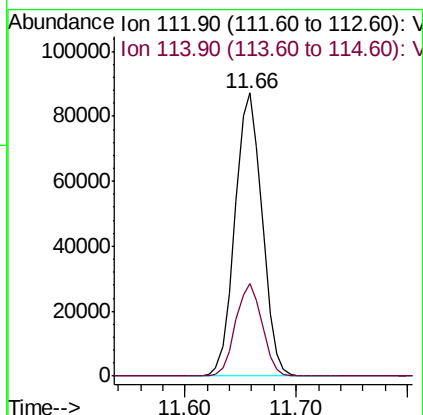
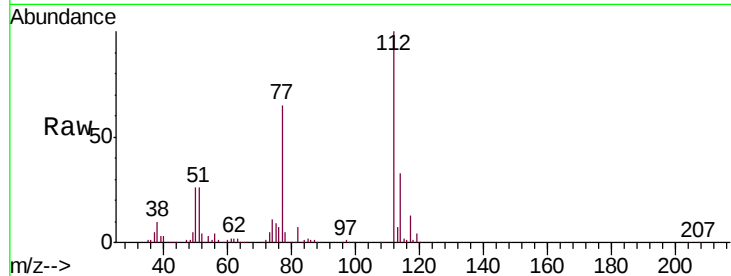




#65
Chlorobenzene
Concen: 22.231 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

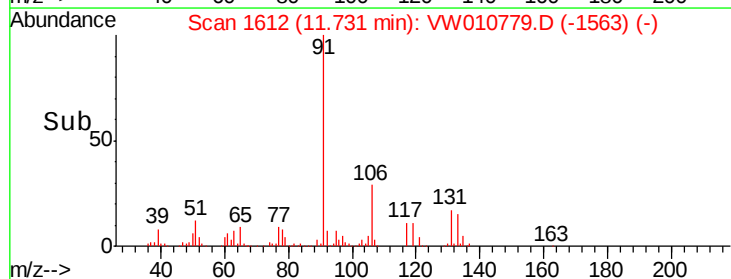
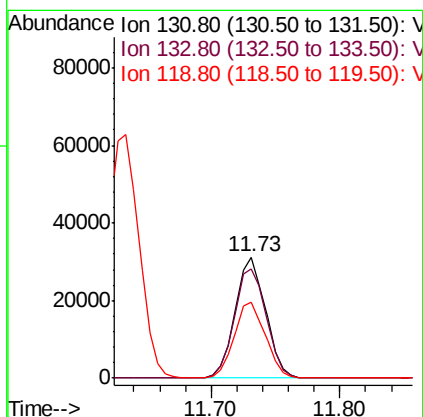
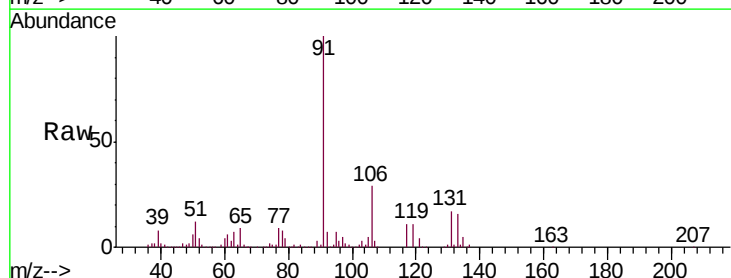
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

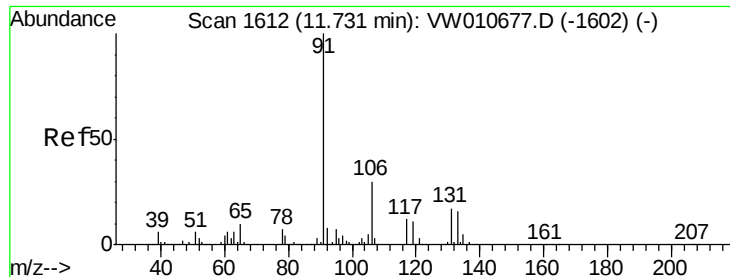
Tgt Ion:112 Resp: 147022
Ion Ratio Lower Upper
112 100
114 32.9 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.350 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion:131 Resp: 51168
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.9
119 64.4 32.4 97.0





#67

Ethyl Benzene

Concen: 22.277 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

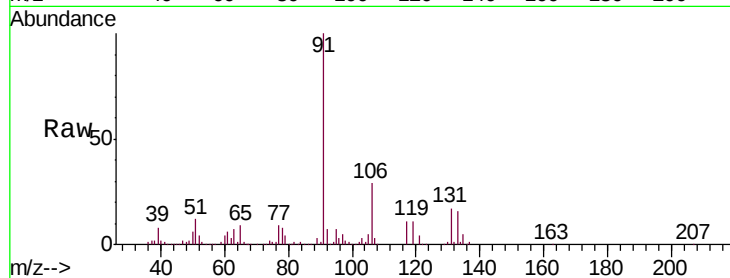
VW0612SBSD01

Tgt Ion: 91 Resp: 283151

Ion Ratio Lower Upper

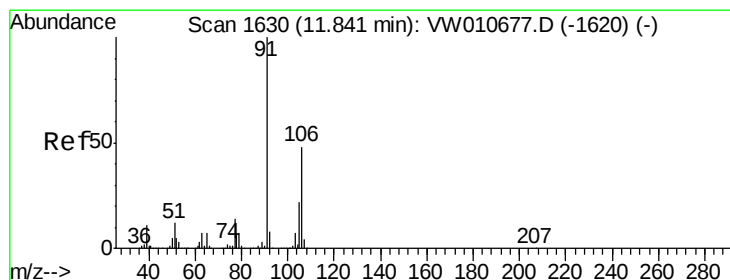
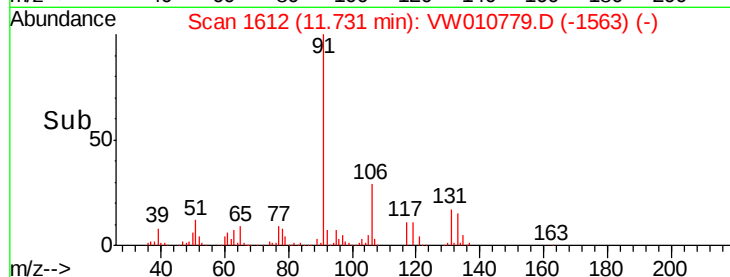
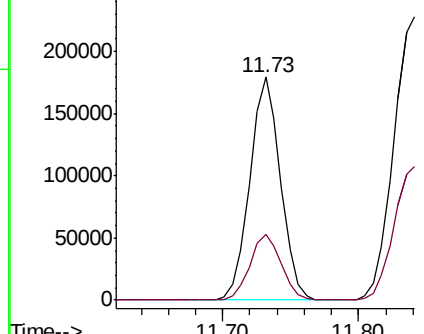
91 100

106 29.3 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 44.974 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW010779.D

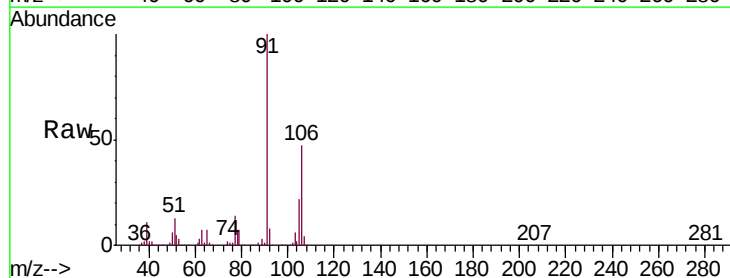
Acq: 12 Jun 2019 15:42

Tgt Ion: 106 Resp: 204628

Ion Ratio Lower Upper

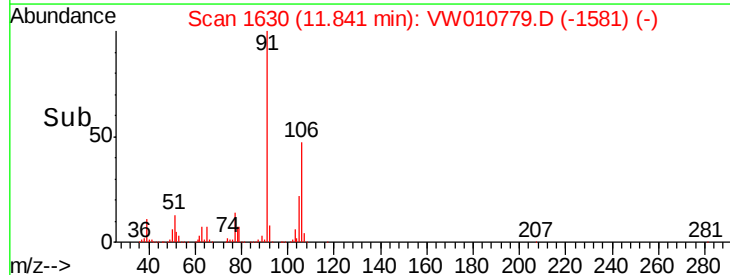
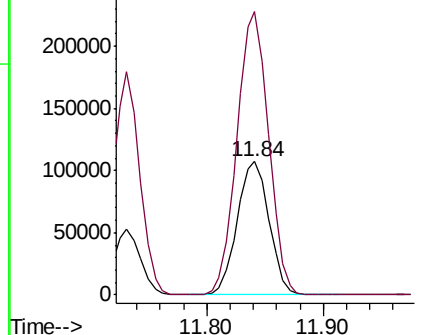
106 100

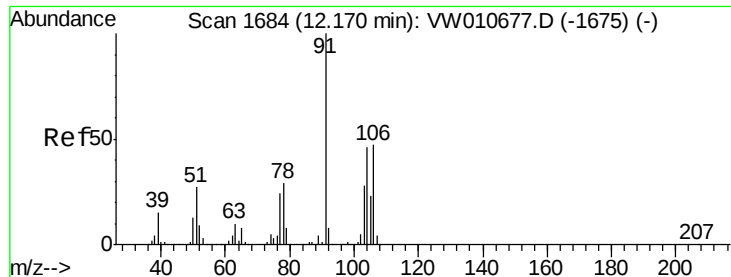
91 210.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

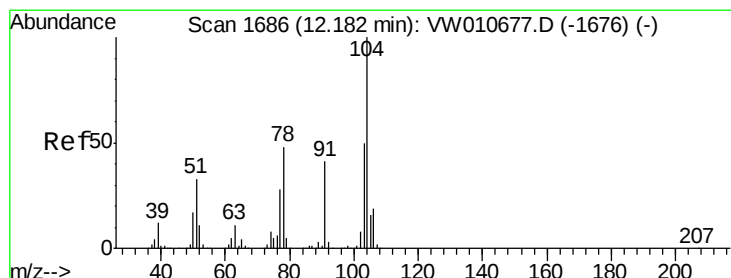
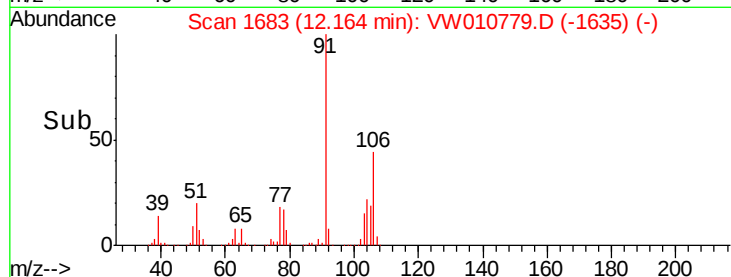
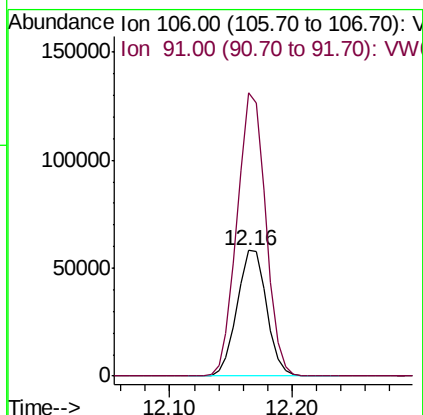
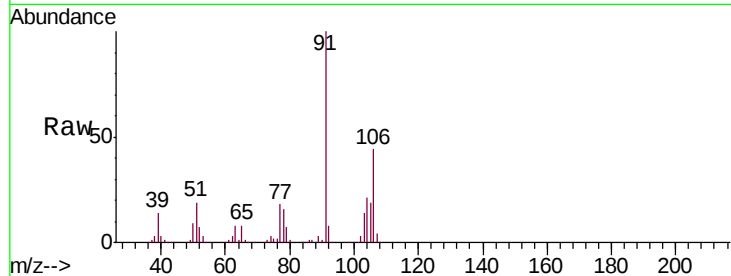




#69
o-Xylene
Concen: 22.566 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

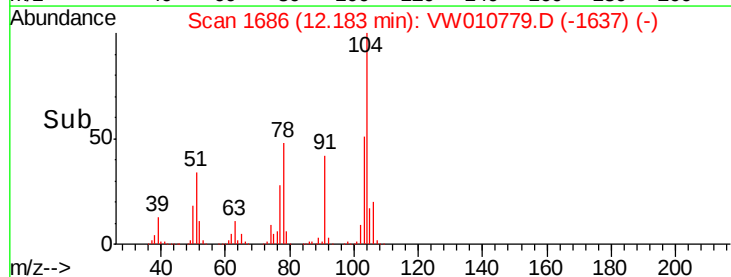
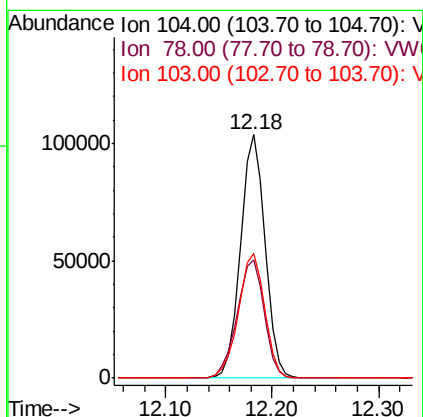
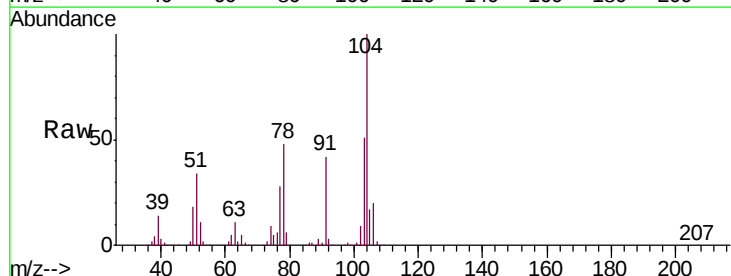
Instrument :
MSVOA_W
ClientSampled :
VW0612SBSD01

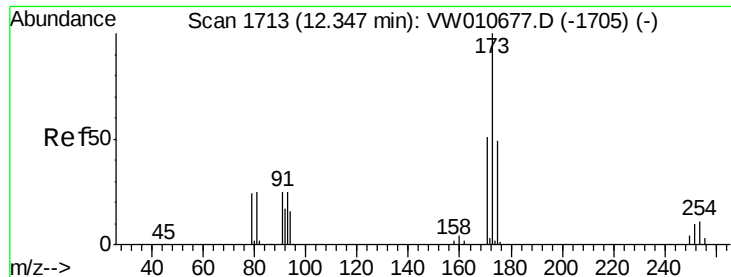
Tgt Ion:106 Resp: 97379
Ion Ratio Lower Upper
106 100
91 219.1 108.9 326.6



#70
Styrene
Concen: 22.454 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion:104 Resp: 168321
Ion Ratio Lower Upper
104 100
78 53.7 42.7 64.1
103 54.9 43.6 65.4

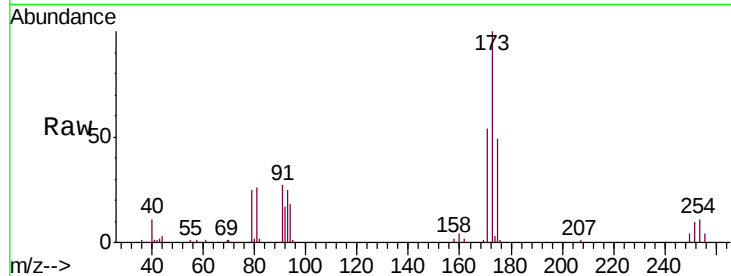




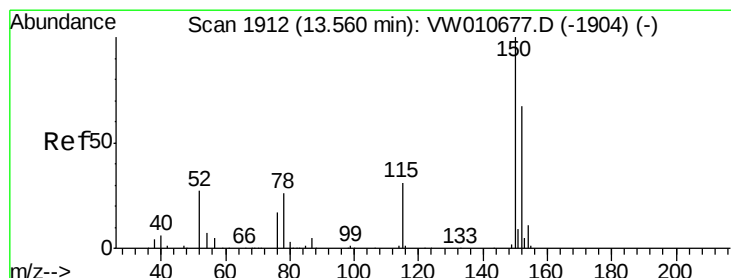
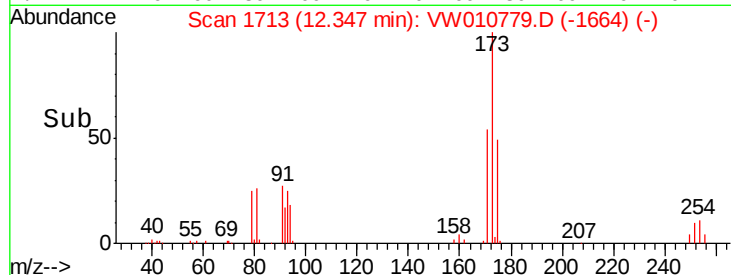
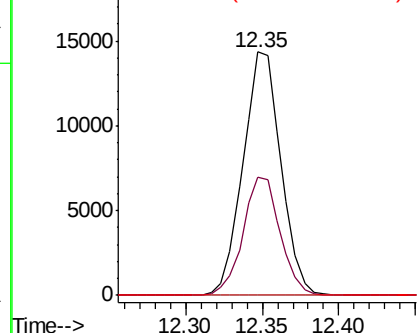
#71
Bromoform
Concen: 20.808 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tgt Ion:173 Resp: 24637
Ion Ratio Lower Upper
173 100
175 47.8 24.3 72.8
254 0.1 0.1 0.1

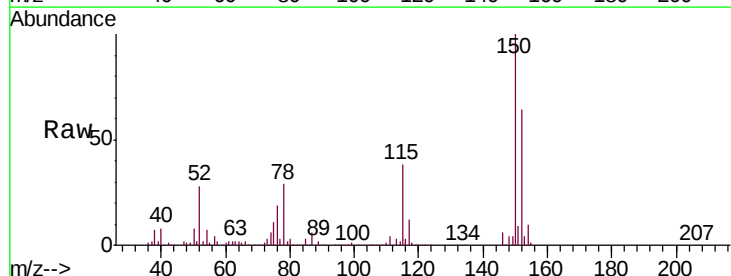


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

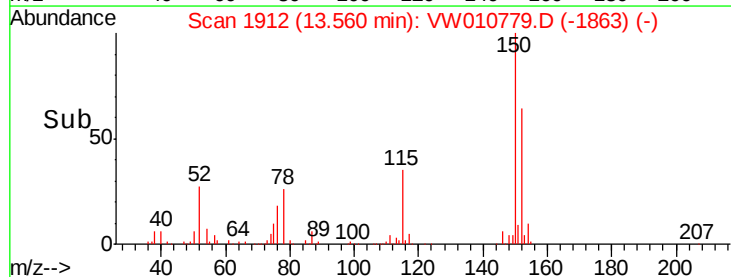
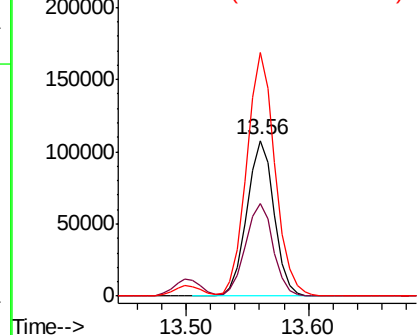


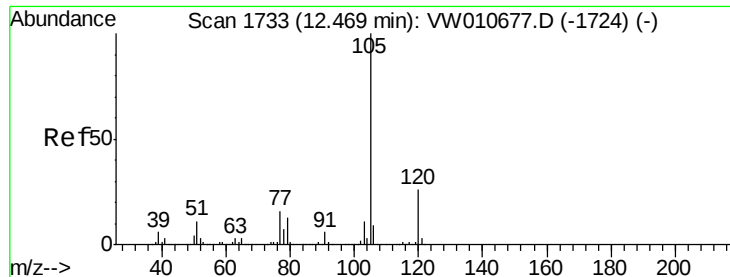
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion:152 Resp: 165732
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 163.4 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: 21.758 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

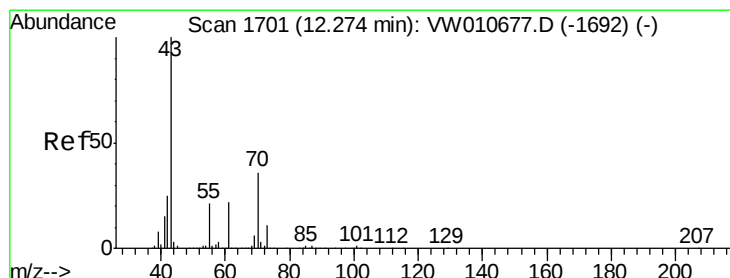
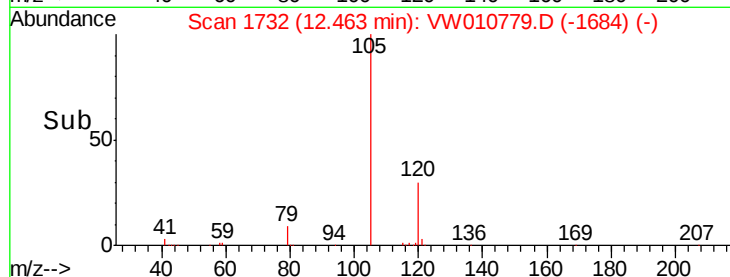
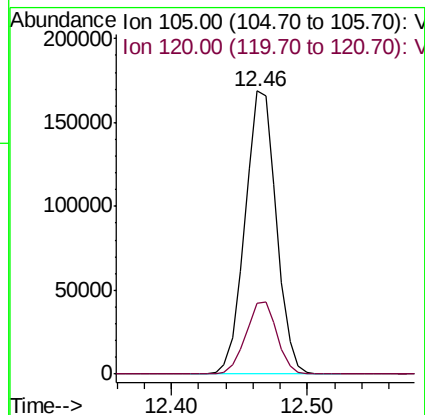
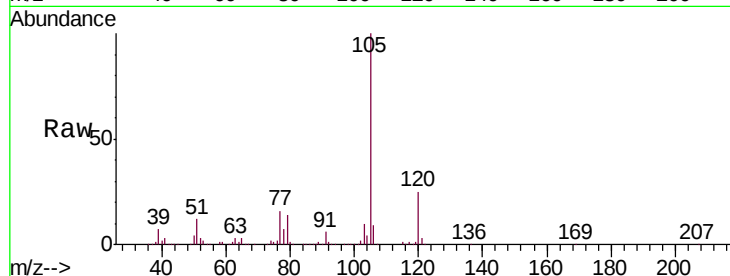
VW0612SBSD01

Tgt Ion: 105 Resp: 270971

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 22.136 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Tgt Ion: 43 Resp: 89096

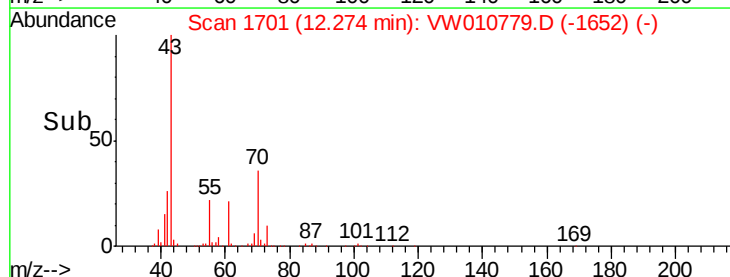
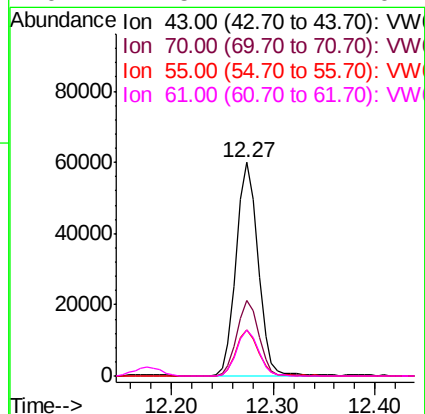
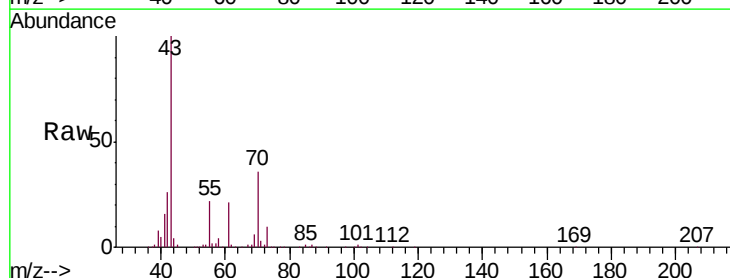
Ion Ratio Lower Upper

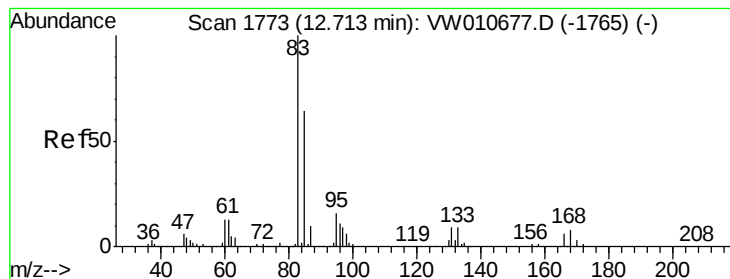
43 100

70 35.5 29.2 43.8

55 22.2 17.5 26.3

61 21.5 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.964 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

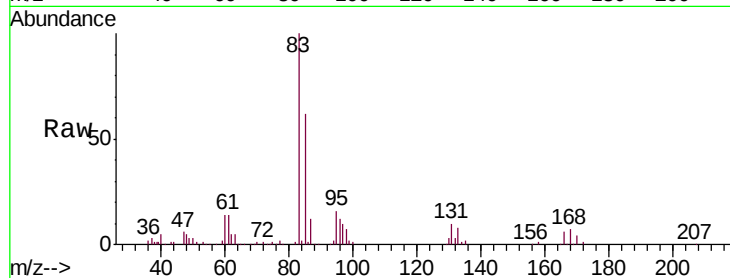
Tgt Ion: 83 Resp: 49704

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

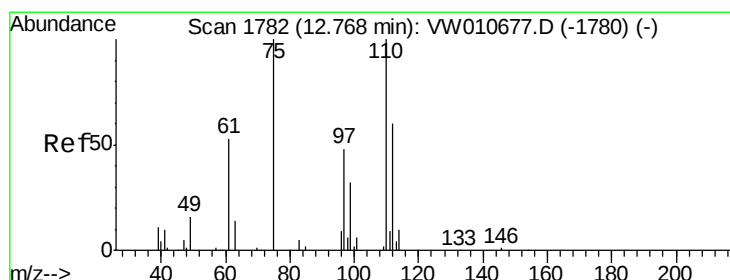
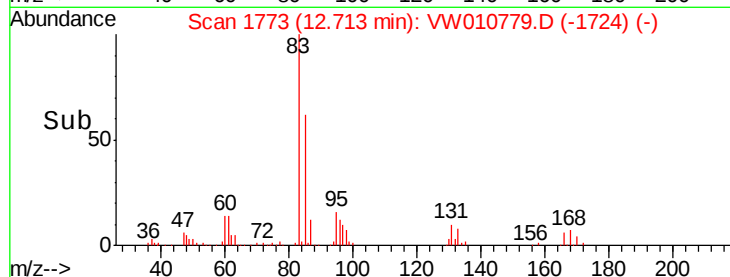
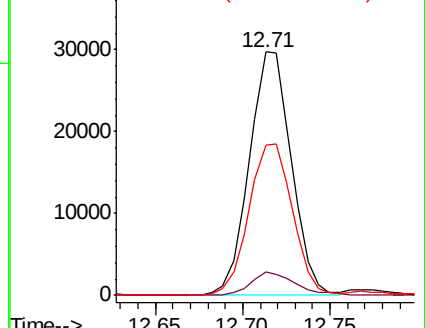
85 64.8 31.9 95.9



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: 38.639 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010779.D

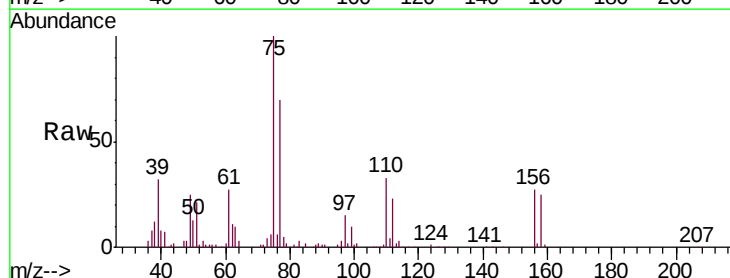
Acq: 12 Jun 2019 15:42

Tgt Ion: 75 Resp: 67248

Ion Ratio Lower Upper

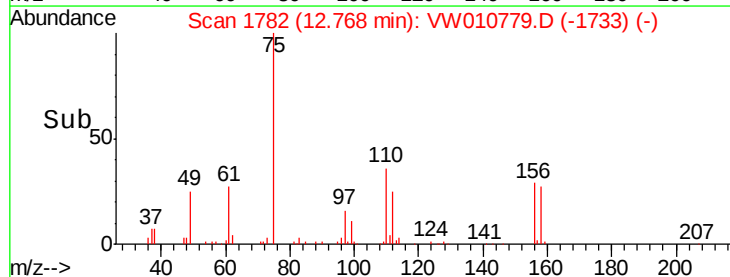
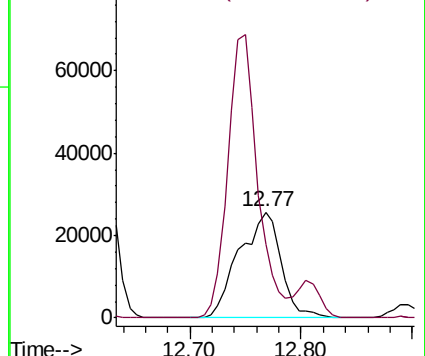
75 100

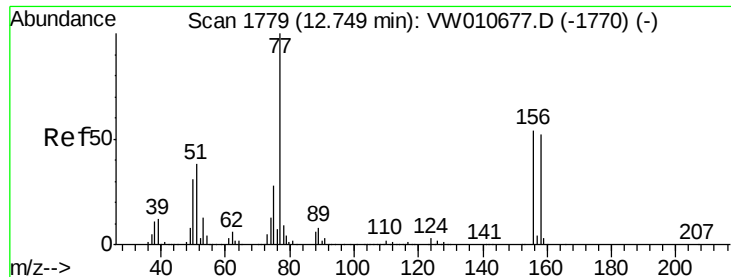
77 189.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.661 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

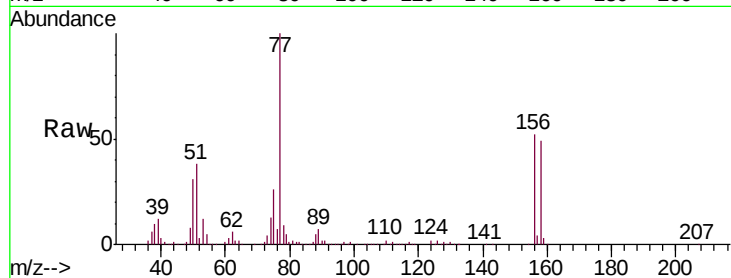
Tgt Ion:156 Resp: 58886

Ion Ratio Lower Upper

156 100

77 216.5 106.5 319.4

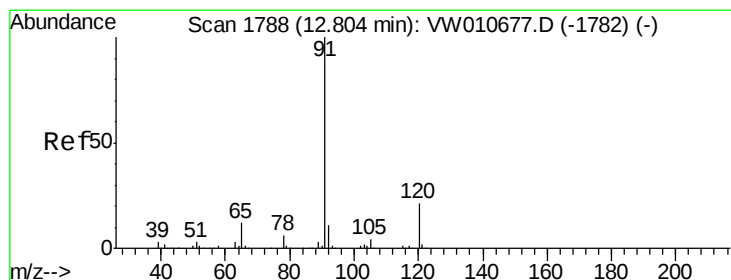
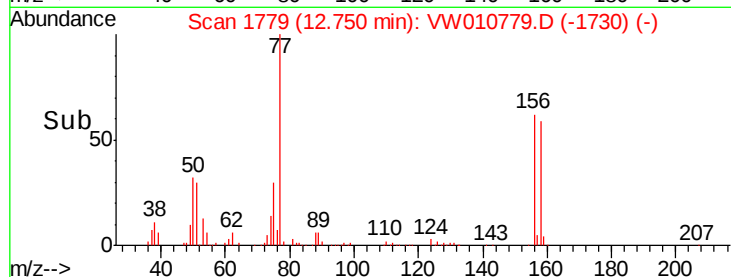
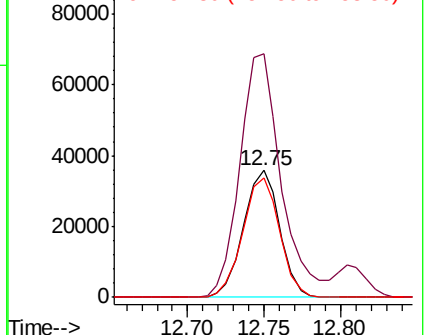
158 96.0 48.3 144.9



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: 21.696 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010779.D

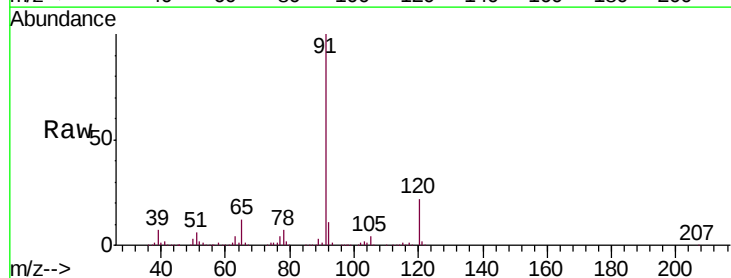
Acq: 12 Jun 2019 15:42

Tgt Ion: 91 Resp: 325808

Ion Ratio Lower Upper

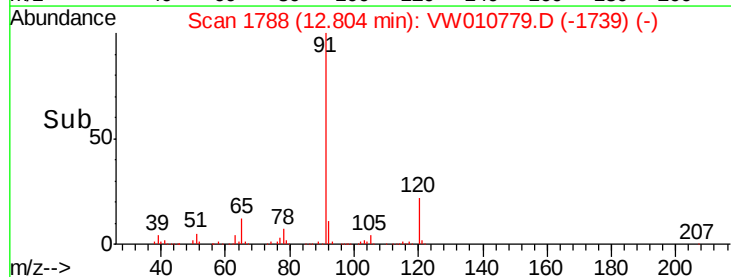
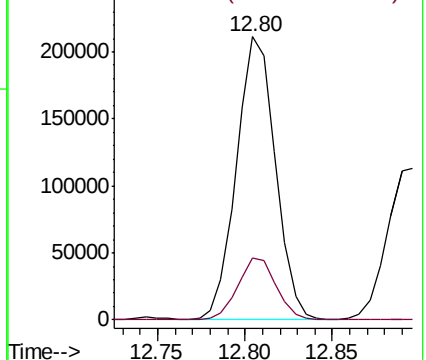
91 100

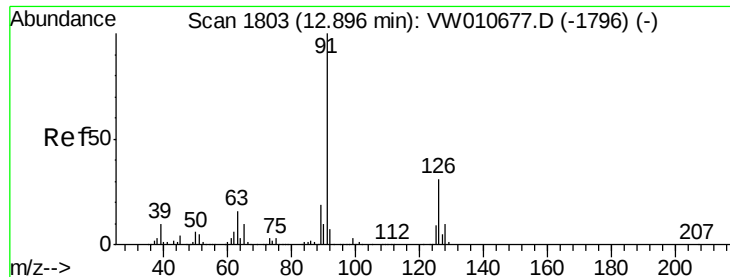
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

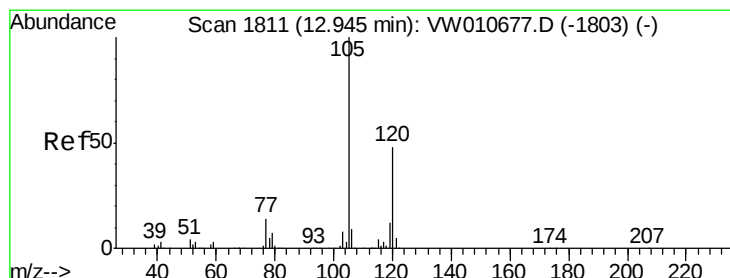
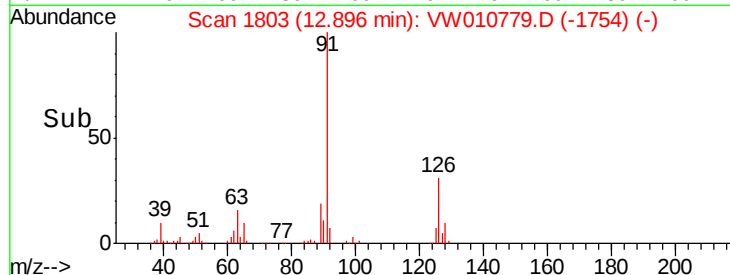
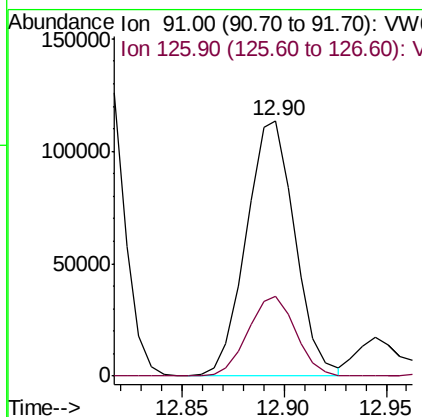
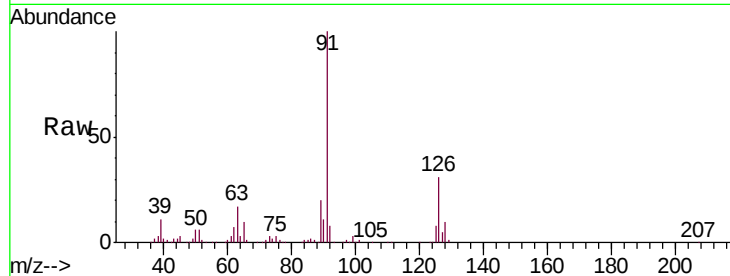




#79
 2-Chlorotoluene
 Concen: 21.954 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

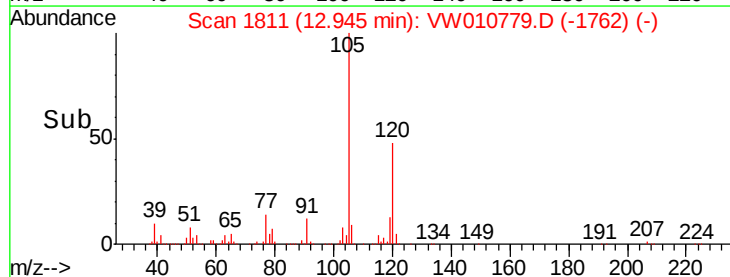
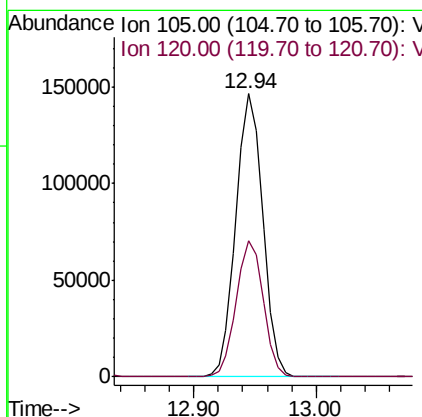
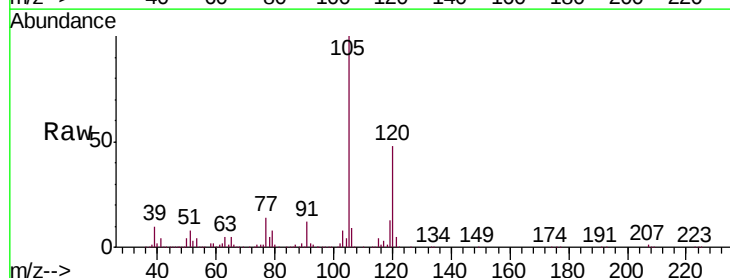
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

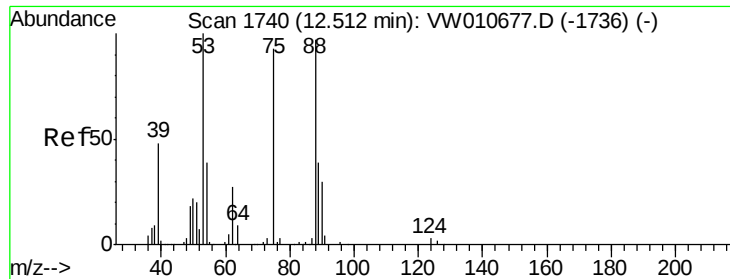
Tgt Ion: 91 Resp: 188358
 Ion Ratio Lower Upper
 91 100
 126 30.7 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.914 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion: 105 Resp: 223392
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8

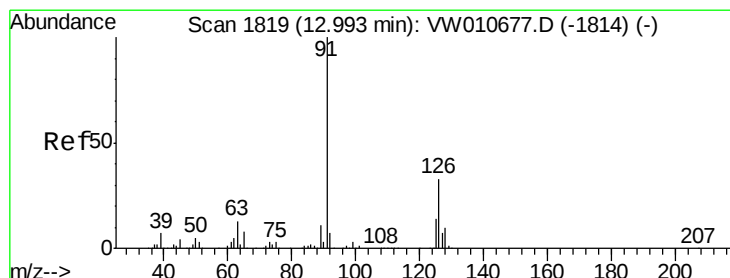
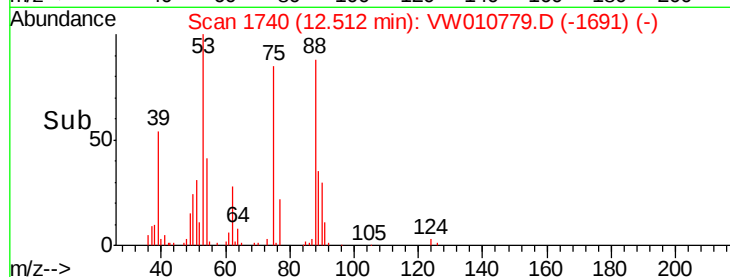
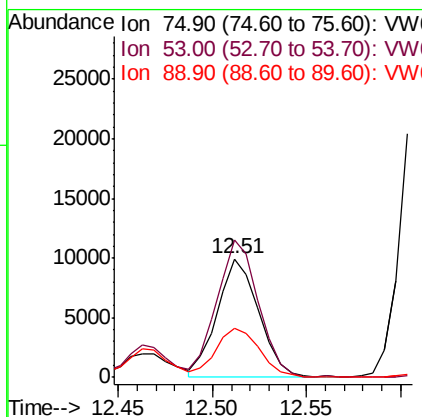
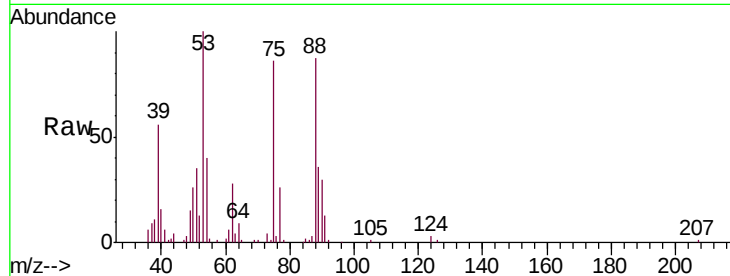




#81
trans-1,4-Dichloro-2-butene
Concen: 20.223 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

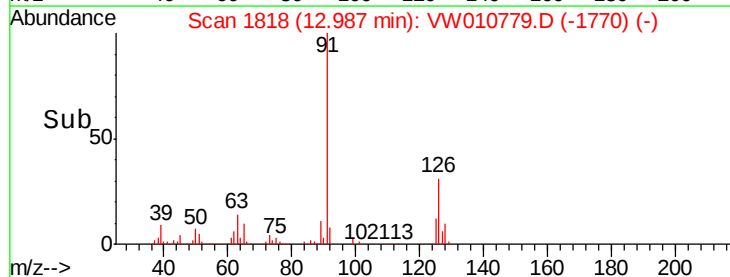
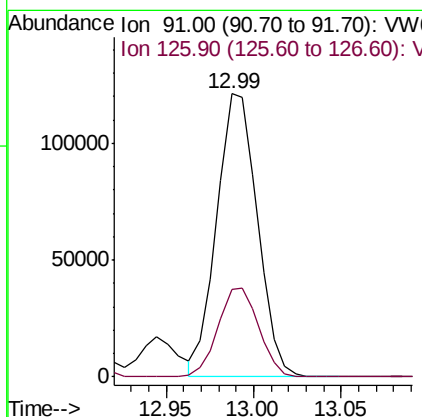
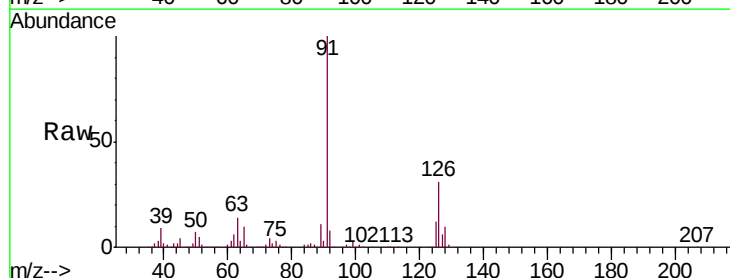
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

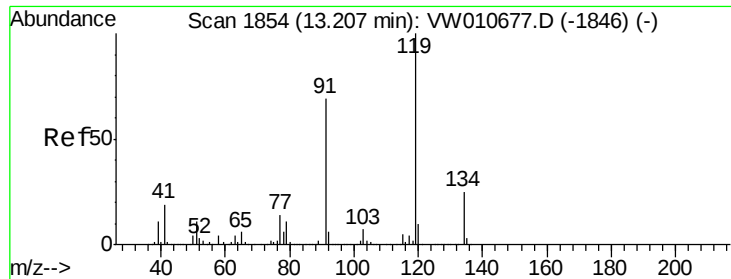
Tgt Ion: 75 Resp: 15314
Ion Ratio Lower Upper
75 100
53 113.6 90.1 135.1
89 43.8 34.6 52.0



#82
4-Chlorotoluene
Concen: 22.133 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion: 91 Resp: 195958
Ion Ratio Lower Upper
91 100
126 31.6 15.9 47.7





#83

tert-Butylbenzene

Concen: 21.725 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

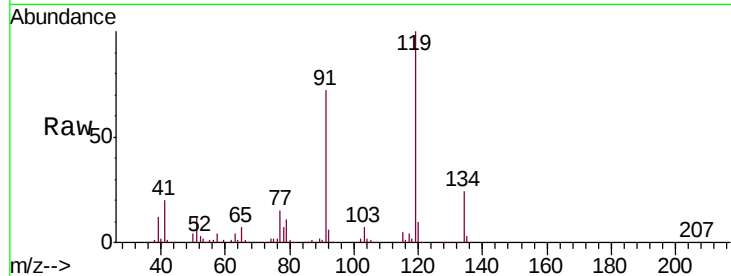
Tgt Ion:119 Resp: 187947

Ion Ratio Lower Upper

119 100

91 70.8 35.1 105.3

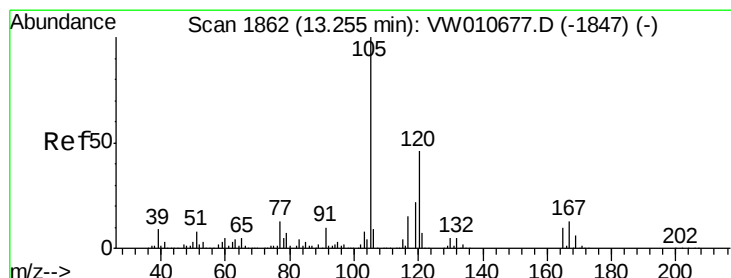
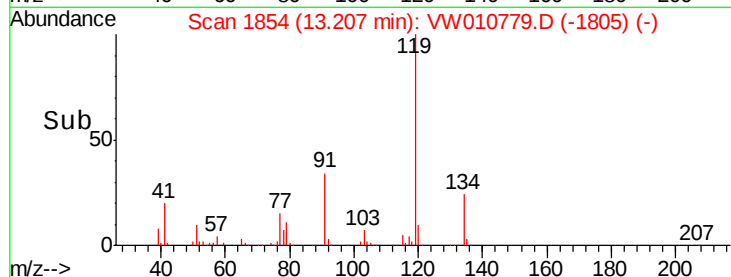
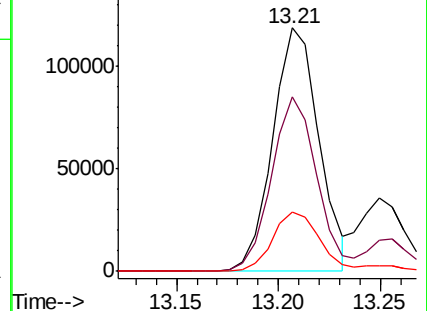
134 24.8 13.6 40.7



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: 21.950 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW010779.D

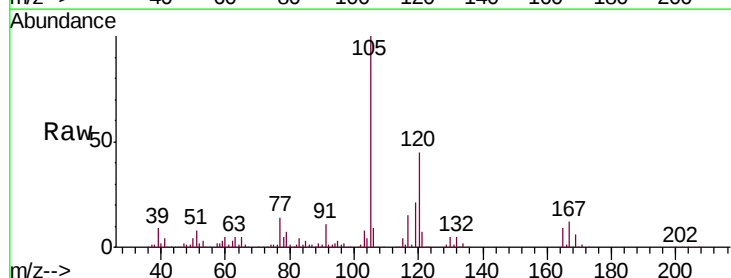
Acq: 12 Jun 2019 15:42

Tgt Ion:105 Resp: 225168

Ion Ratio Lower Upper

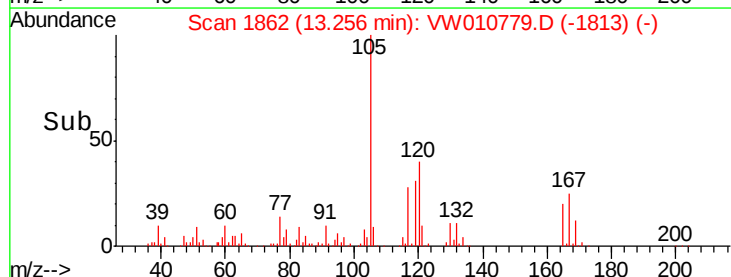
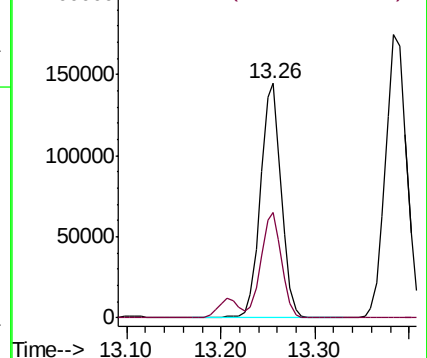
105 100

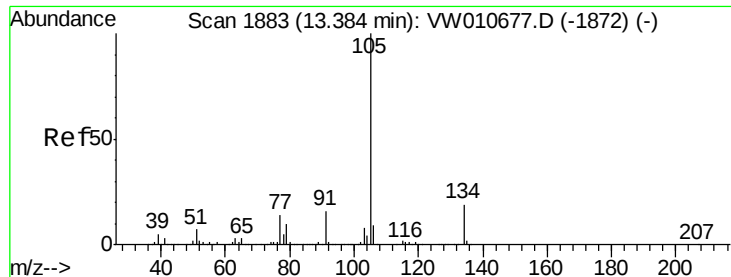
120 44.5 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

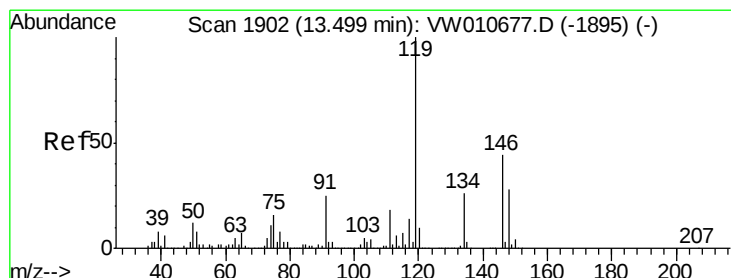
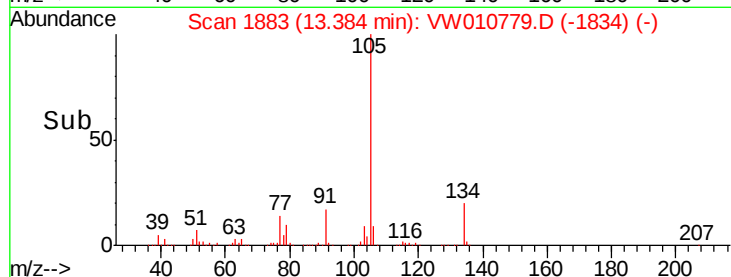
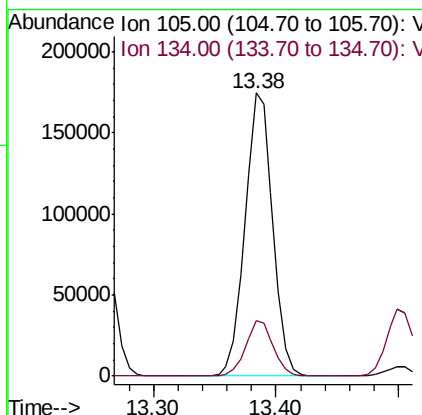
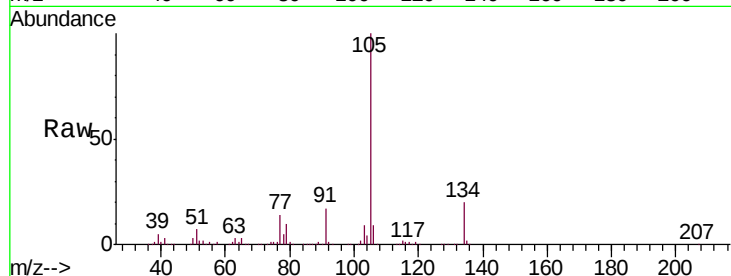




#85
 sec-Butylbenzene
 Concen: 21.666 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

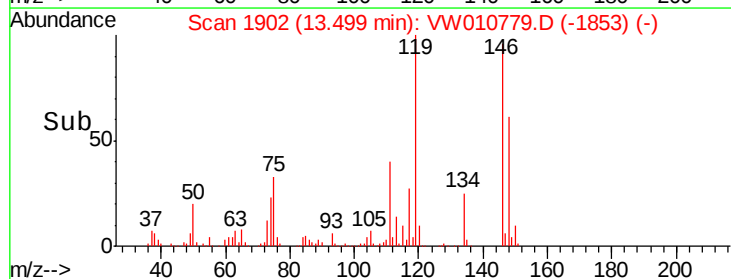
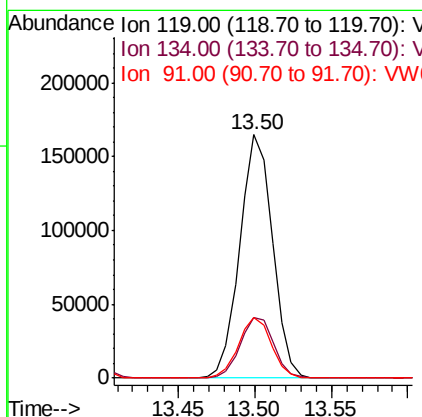
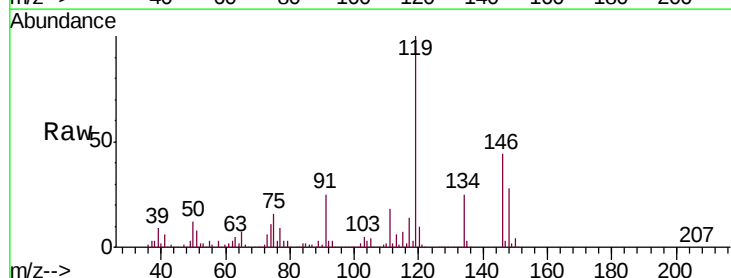
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

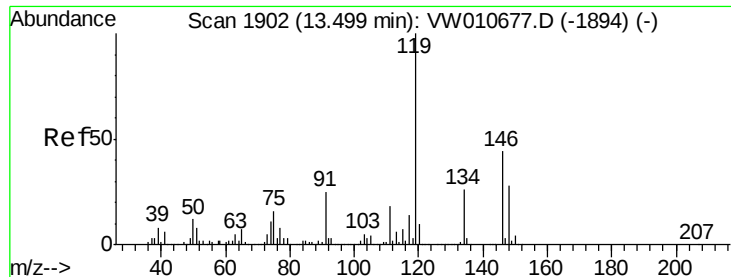
Tgt Ion:105 Resp: 272904
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.728 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion:119 Resp: 244743
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.9 12.2 36.4

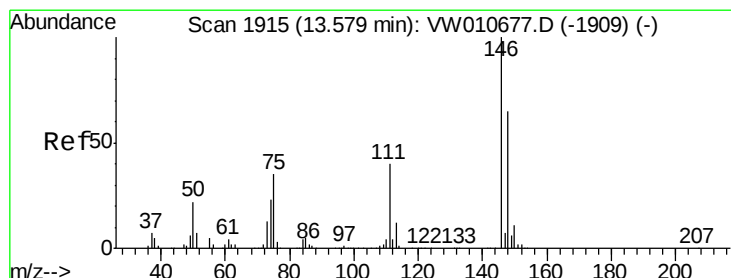
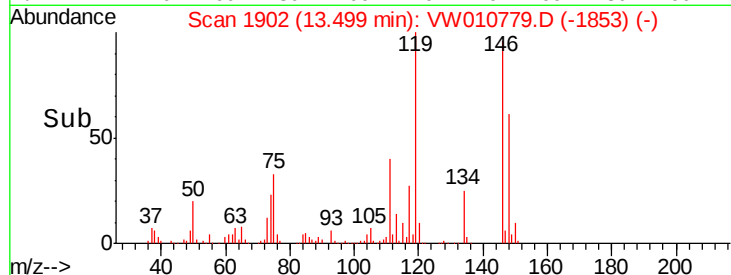
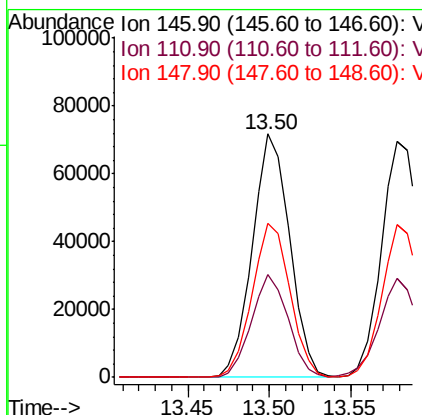
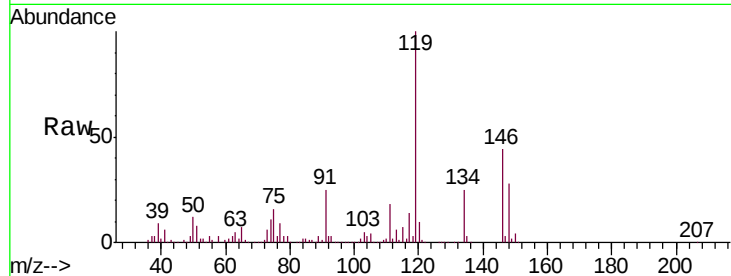




#87
 1,3-Dichlorobenzene
 Concen: 21.765 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

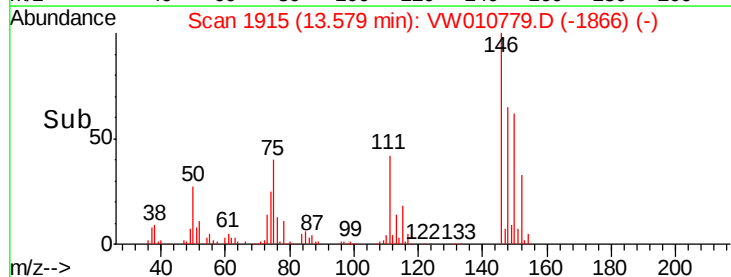
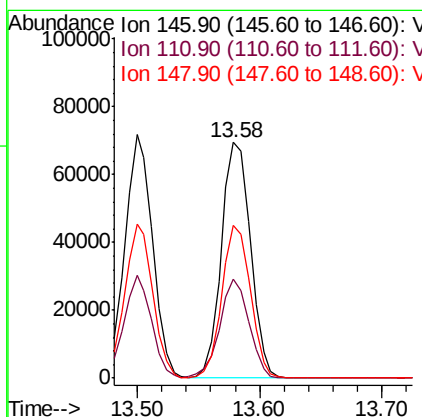
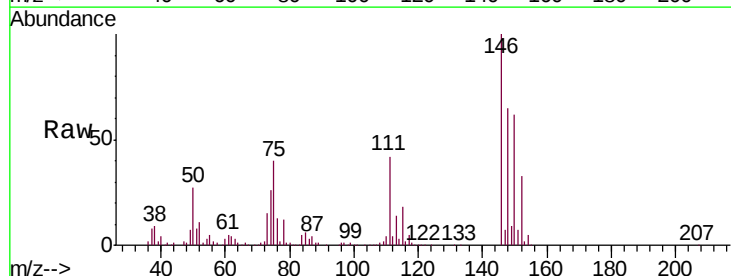
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

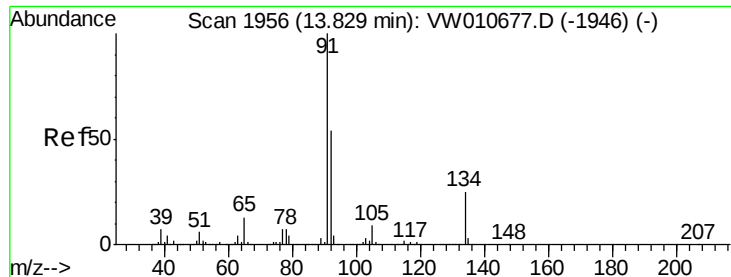
Tgt Ion:146 Resp: 114105
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.4 61.3
 148 64.1 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 22.061 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion:146 Resp: 114662
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.3 60.9
 148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 22.033 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

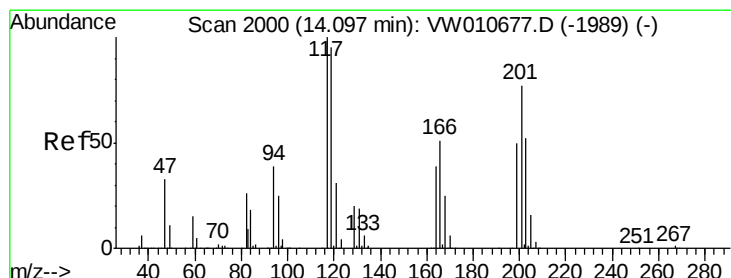
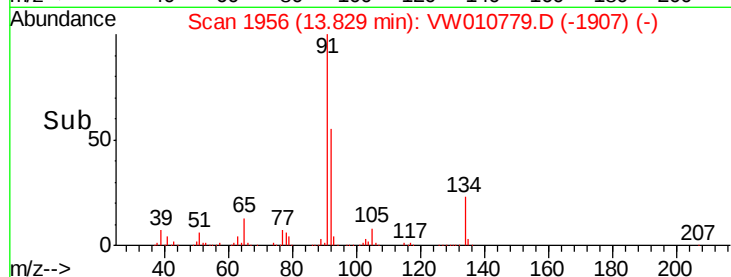
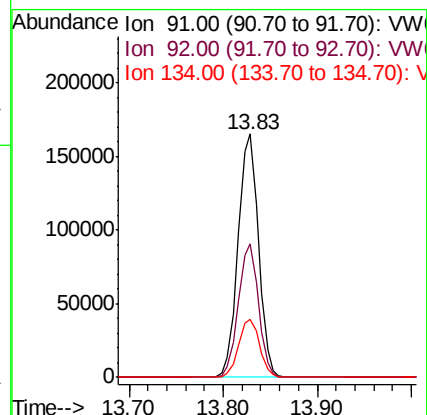
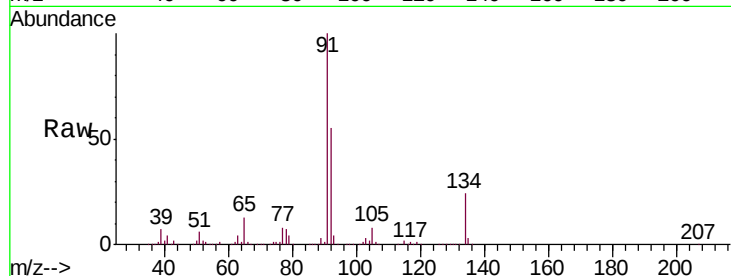
Tgt Ion: 91 Resp: 247624

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

134 24.5 12.3 36.9



#90

Hexachloroethane

Concen: 21.441 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010779.D

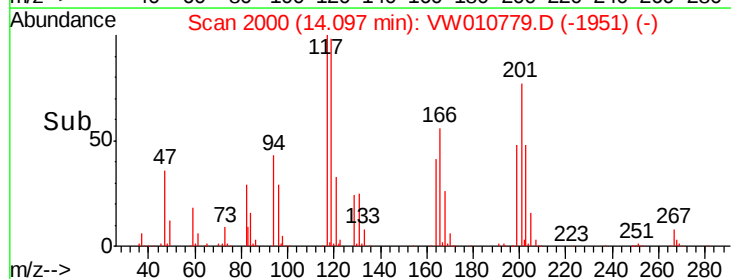
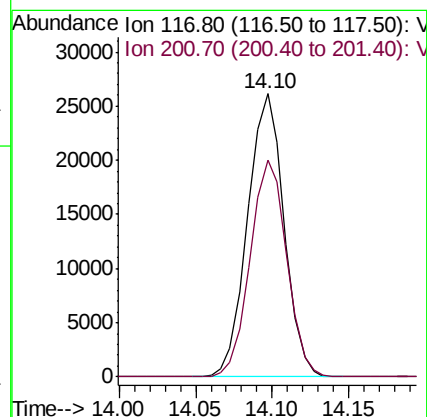
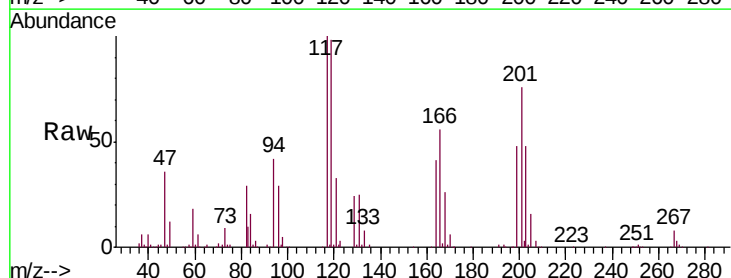
Acq: 12 Jun 2019 15:42

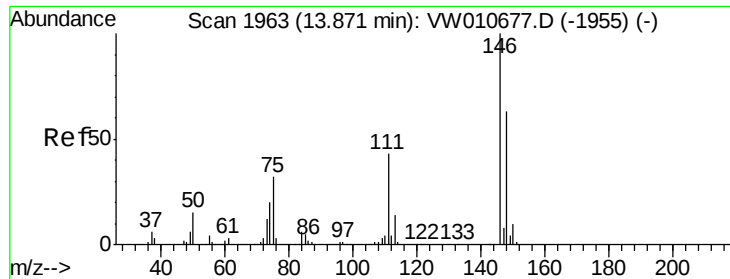
Tgt Ion: 117 Resp: 43251

Ion Ratio Lower Upper

117 100

201 76.7 38.8 116.4





#91

1,2-Dichlorobenzene

Concen: 21.891 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

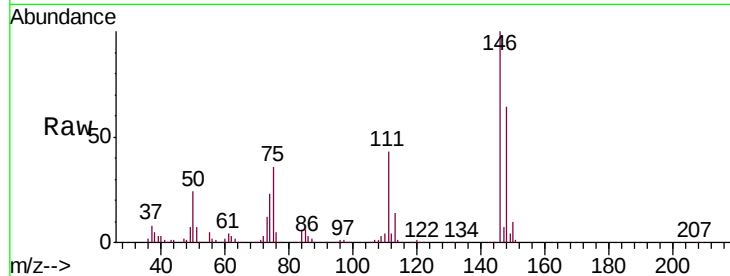
Tgt Ion:146 Resp: 103208

Ion Ratio Lower Upper

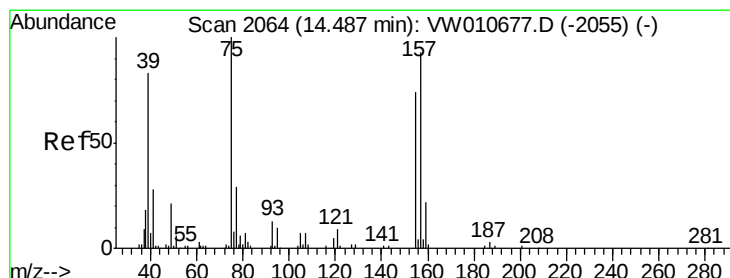
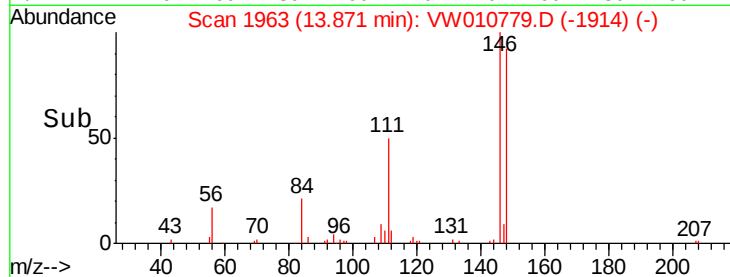
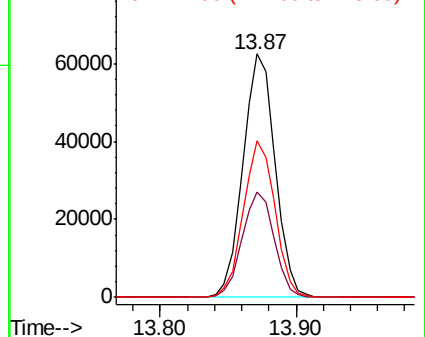
146 100

111 42.9 21.5 64.5

148 63.2 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: 21.125 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010779.D

Acq: 12 Jun 2019 15:42

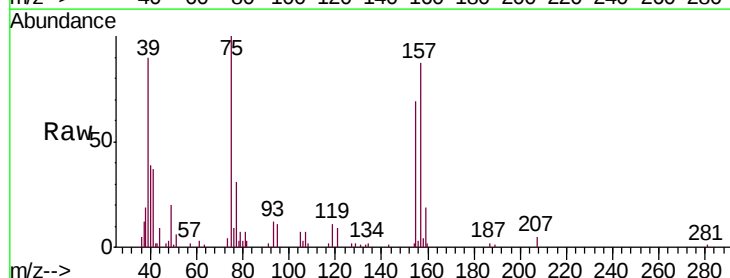
Tgt Ion: 75 Resp: 8601

Ion Ratio Lower Upper

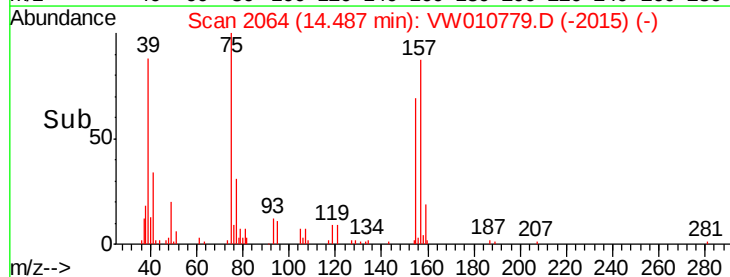
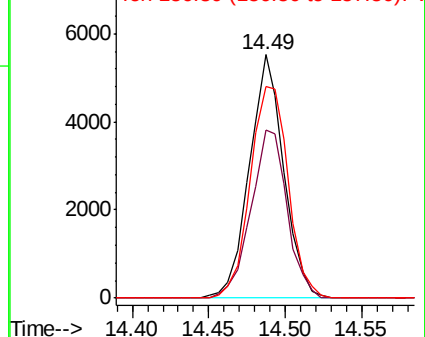
75 100

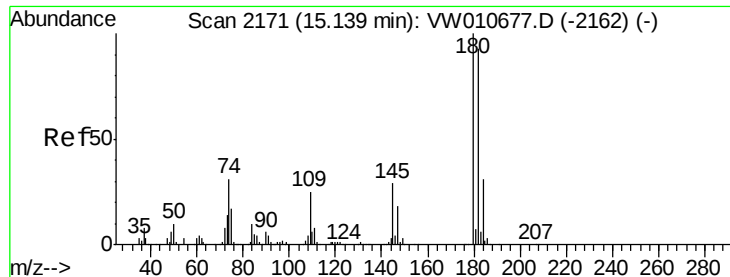
155 72.8 38.8 116.4

157 96.4 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

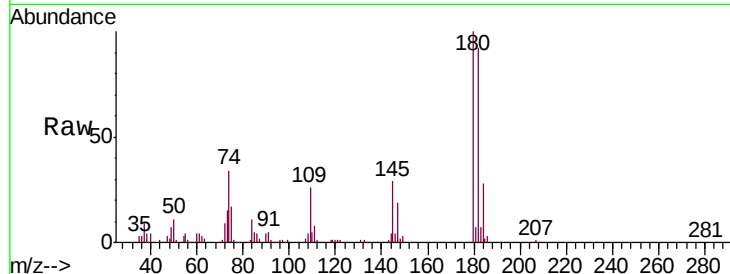




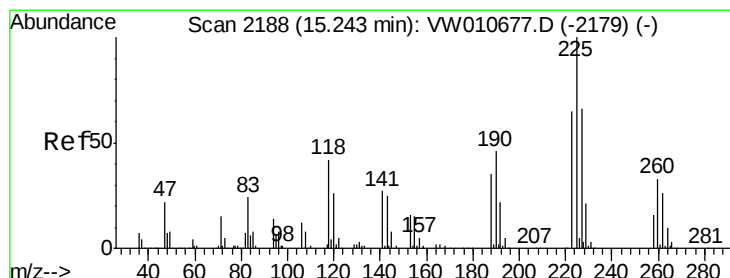
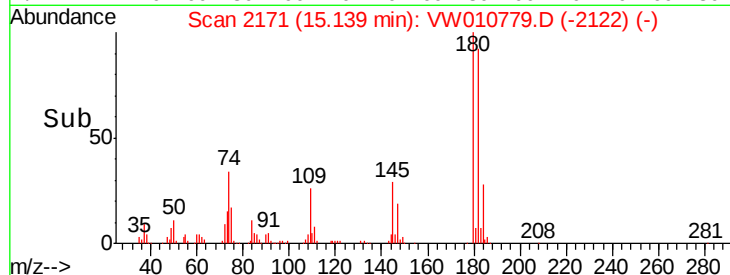
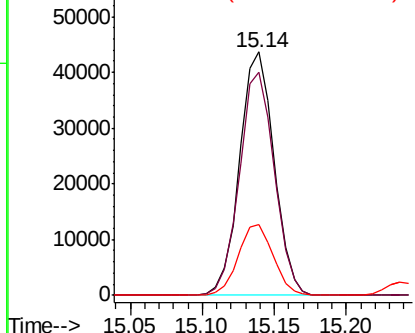
#93
 1,2,4-Trichlorobenzene
 Concen: 21.902 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tgt Ion:180 Resp: 72463
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.1 141.4
 145 29.6 15.2 45.5

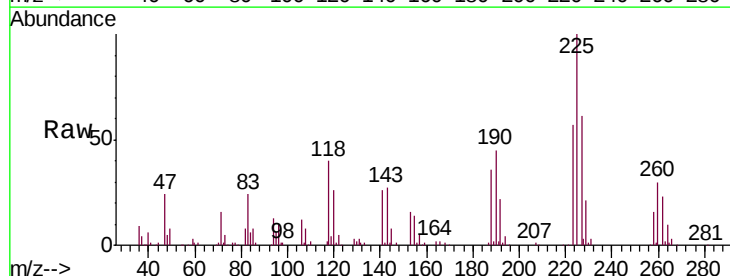


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

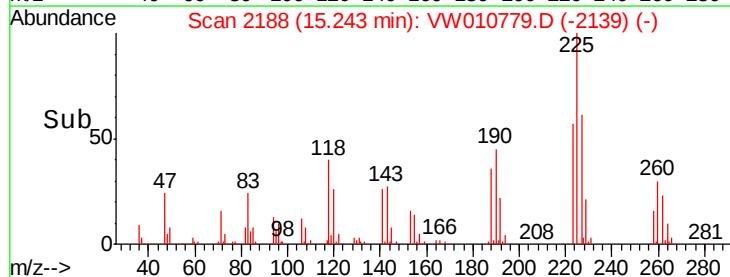
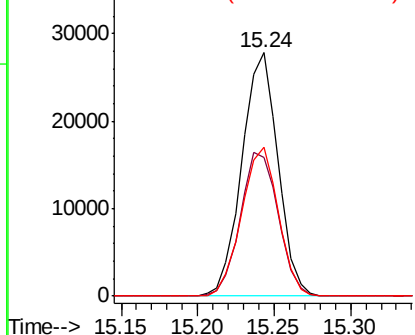


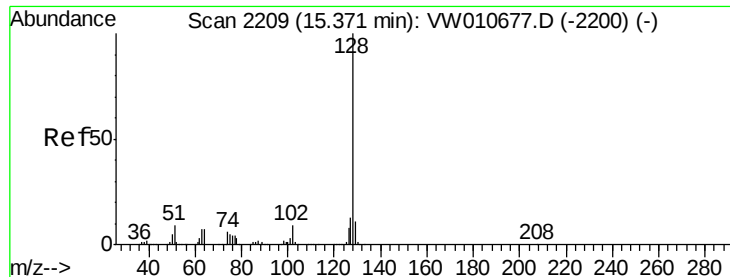
#94
 Hexachlorobutadiene
 Concen: 21.929 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010779.D
 Acq: 12 Jun 2019 15:42

Tgt Ion:225 Resp: 45534
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.2 96.6
 227 62.6 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

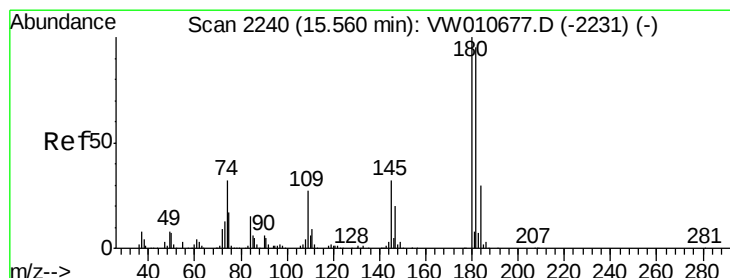
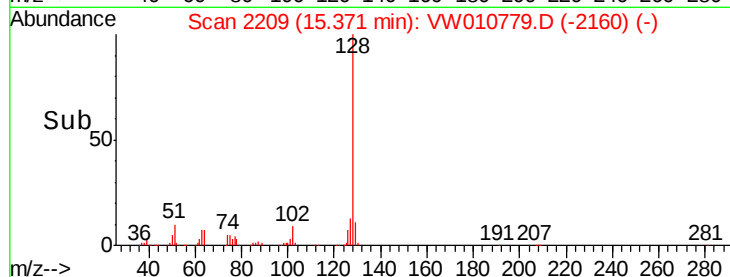
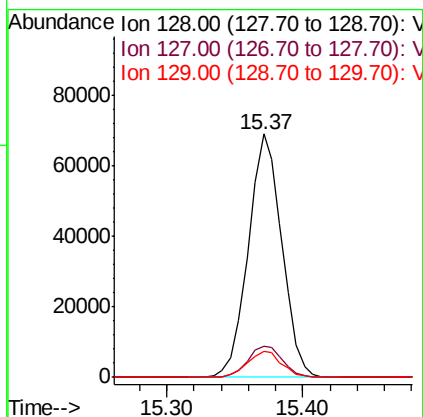
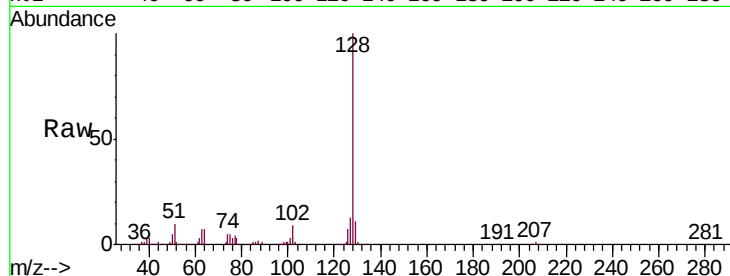




#95
Naphthalene
Concen: 19.858 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tgt Ion:128 Resp: 119367
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.604 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010779.D
Acq: 12 Jun 2019 15:42

Tgt Ion:180 Resp: 60788
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.0
145 32.5 16.1 48.3

