

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060519\
 Data File : VW010690.D
 Acq On : 05 Jun 2019 14:15
 Operator : SY/VA
 Sample : VW0605SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Quant Time: Jun 05 15:05:55 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	245909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	157080	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
35) Dibromofluoromethane	7.88	113	120352	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
50) Toluene-d8	10.32	98	508744	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.62	95	187344	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	51633	22.721	ug/l	98
3) Chloromethane	2.22	50	76397	22.850	ug/l	98
4) Vinyl Chloride	2.35	62	67936	21.993	ug/l	98
5) Bromomethane	2.74	94	36958	21.787	ug/l	95
6) Chloroethane	2.90	64	41669	22.473	ug/l	97
7) Trichlorofluoromethane	3.25	101	89639	22.355	ug/l	99
8) Diethyl Ether	3.68	74	31867	22.238	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55233	22.405	ug/l	99
10) Methyl Iodide	4.27	142	41614	19.612	ug/l	98
11) Tert butyl alcohol	5.17	59	26087	110.477	ug/l	98
12) 1,1-Dichloroethene	4.03	96	52449	22.055	ug/l	99
13) Acrolein	3.90	56	8293	85.946	ug/l	99
14) Allyl chloride	4.67	41	115720	22.069	ug/l	98
15) Acrylonitrile	5.37	53	76011	109.186	ug/l	98
16) Acetone	4.12	43	83910	108.043	ug/l	99
17) Carbon Disulfide	4.37	76	163081	21.603	ug/l	99
18) Methyl Acetate	4.67	43	37888	22.663	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	152254	22.198	ug/l	96
20) Methylene Chloride	4.92	84	62820	23.057	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	59812	22.155	ug/l	99
22) Diisopropyl ether	6.31	45	236976	22.574	ug/l	97
23) Vinyl Acetate	6.26	43	698432	110.243	ug/l	99
24) 1,1-Dichloroethane	6.22	63	118285	22.484	ug/l	99
25) 2-Butanone	7.17	43	115828	107.556	ug/l	99
26) 2,2-Dichloropropane	7.17	77	94420	22.056	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	66260	22.302	ug/l	99
28) Bromochloromethane	7.51	49	51506	21.938	ug/l	97
29) Tetrahydrofuran	7.53	42	75412	111.330	ug/l	99
30) Chloroform	7.68	83	106891	22.214	ug/l	98
31) Cyclohexane	7.95	56	127092	21.732	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	94455	22.471	ug/l	100
36) 1,1-Dichloropropene	8.08	75	90870	21.780	ug/l	99
37) Ethyl Acetate	7.25	43	50624	21.897	ug/l	100
38) Carbon Tetrachloride	8.07	117	79215	21.994	ug/l	96

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 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	113900	21.475	ug/l	98
40) Benzene	8.32	78	248249	21.811	ug/l	99
41) Methacrylonitrile	7.48	41	32729	23.816	ug/l	91
42) 1,2-Dichloroethane	8.40	62	80864	22.385	ug/l	100
43) Isopropyl Acetate	8.43	43	97574	21.845	ug/l	100
44) Trichloroethene	9.09	130	61346	21.850	ug/l	97
45) 1,2-Dichloropropane	9.37	63	67059	22.257	ug/l	100
46) Dibromomethane	9.46	93	30243	21.611	ug/l	99
47) Bromodichloromethane	9.65	83	80554	22.206	ug/l	98
48) Methyl methacrylate	9.44	41	46884	21.771	ug/l	98
49) 1,4-Dioxane	9.45	88	9870	451.110	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	248939	109.096	ug/l	100
52) Toluene	10.39	92	154649	22.083	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	83129	21.635	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	99206	21.942	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43772	21.712	ug/l	97
56) Ethyl methacrylate	10.65	69	67826	21.864	ug/l	95
57) 1,3-Dichloropropane	10.93	76	83379	21.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	171029	105.261	ug/l	100
59) 2-Hexanone	10.97	43	179586	108.897	ug/l	99
60) Dibromochloromethane	11.13	129	47869	21.420	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41270	21.606	ug/l	98
64) Tetrachloroethene	10.86	164	51392	21.498	ug/l	94
65) Chlorobenzene	11.66	112	155986	22.031	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	54234	22.128	ug/l	99
67) Ethyl Benzene	11.73	91	297925	21.895	ug/l	99
68) m/p-Xylenes	11.84	106	215848	44.313	ug/l	100
69) o-Xylene	12.16	106	102319	22.148	ug/l	98
70) Styrene	12.18	104	176595	22.005	ug/l	100
71) Bromoform	12.35	173	27010	21.308	ug/l #	98
73) Isopropylbenzene	12.46	105	283888	21.556	ug/l	99
74) N-amyl acetate	12.27	43	92426	21.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	53286	21.253	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	70058	38.066	ug/l #	100
77) Bromobenzene	12.75	156	61647	21.444	ug/l	98
78) n-propylbenzene	12.80	91	344526	21.695	ug/l	100
79) 2-Chlorotoluene	12.90	91	196627	21.673	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	236553	21.944	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16299	20.354	ug/l	100
82) 4-Chlorotoluene	12.99	91	204485	21.841	ug/l	100
83) tert-Butylbenzene	13.21	119	198298	21.675	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	235983	21.754	ug/l	100
85) sec-Butylbenzene	13.38	105	285844	21.460	ug/l	99
86) p-Isopropyltoluene	13.50	119	258186	21.675	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	120916	21.811	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	120880	21.994	ug/l	98
89) n-Butylbenzene	13.83	91	260531	21.922	ug/l	100
90) Hexachloroethane	14.10	117	45612	21.382	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	108026	21.668	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9036	20.988	ug/l	97

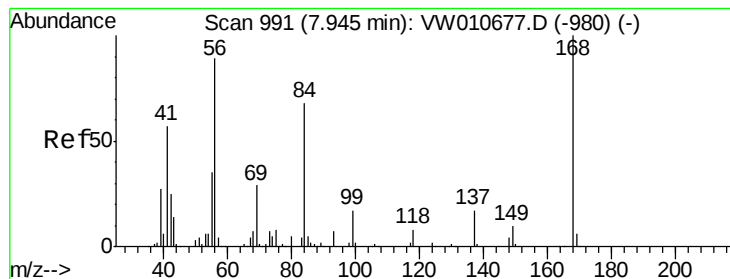
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW060519\
Data File : VW010690.D
Acq On : 05 Jun 2019 14:15
Operator : SY/VA
Sample : VW0605SBSD02
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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	76751	21.937	ug/l	99
94) Hexachlorobutadiene	15.24	225	47943	21.834	ug/l	98
95) Naphthalene	15.37	128	135745	21.355	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	66295	22.281	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

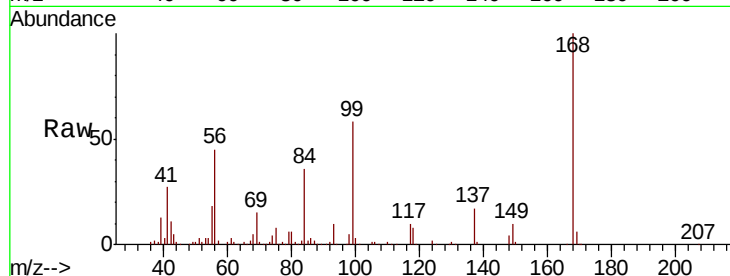
VW0605SBSD02

Tgt Ion:168 Resp: 245909

Ion Ratio Lower Upper

168 100

99 58.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

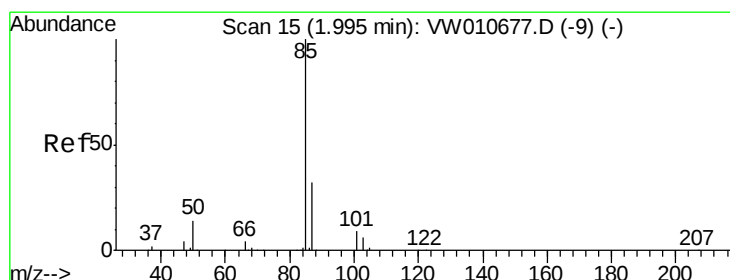
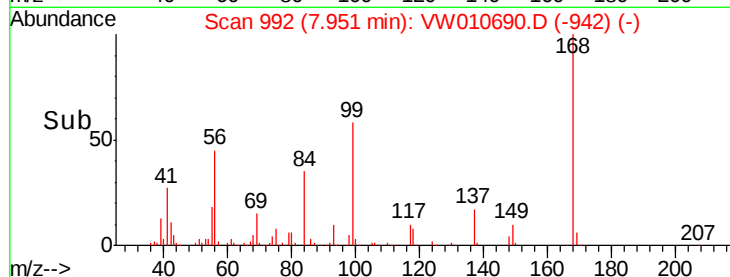
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 22.721 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010690.D

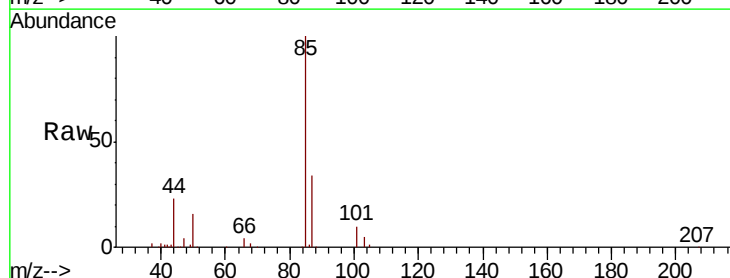
Acq: 05 Jun 2019 14:15

Tgt Ion: 85 Resp: 51633

Ion Ratio Lower Upper

85 100

87 33.6 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

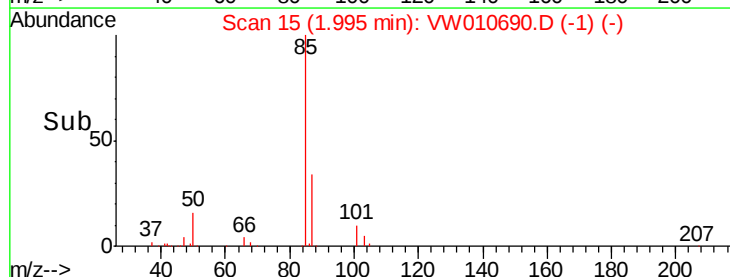
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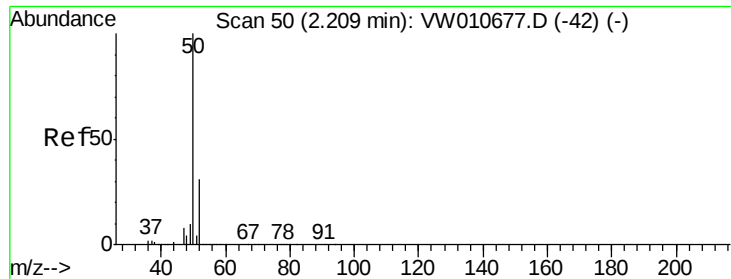
20000

10000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 22.850 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

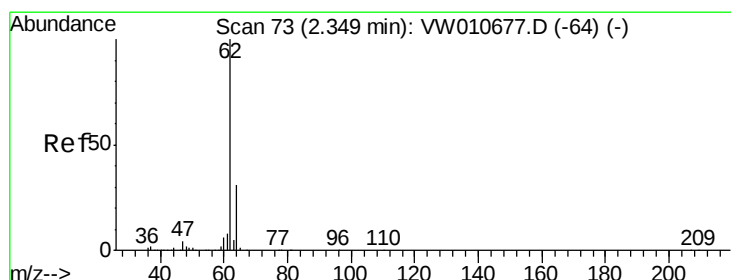
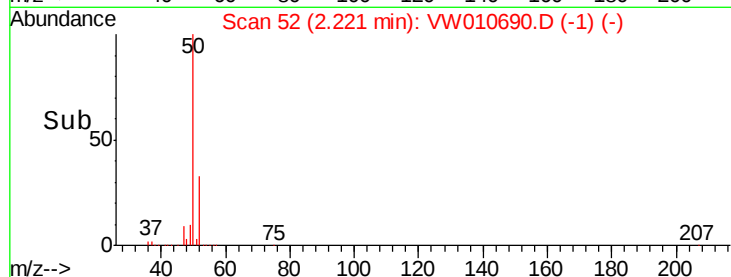
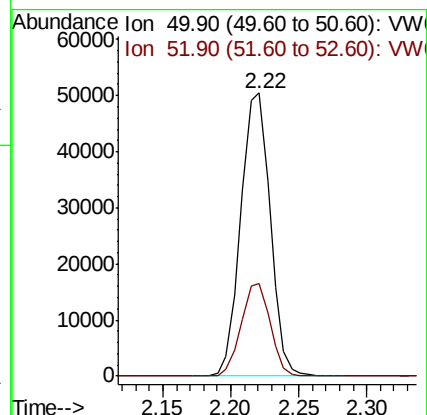
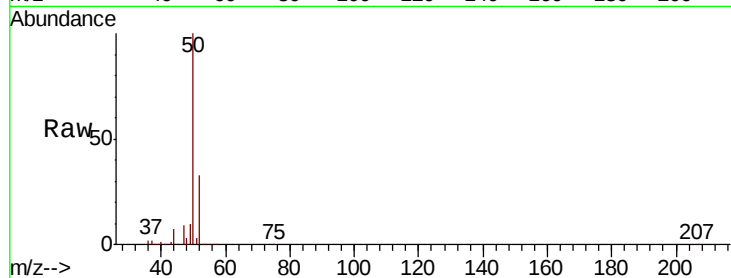
VW0605SBSD02

Tgt Ion: 50 Resp: 76397

Ion Ratio Lower Upper

50 100

52 32.7 25.2 37.8



#4

Vinyl Chloride

Concen: 21.993 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010690.D

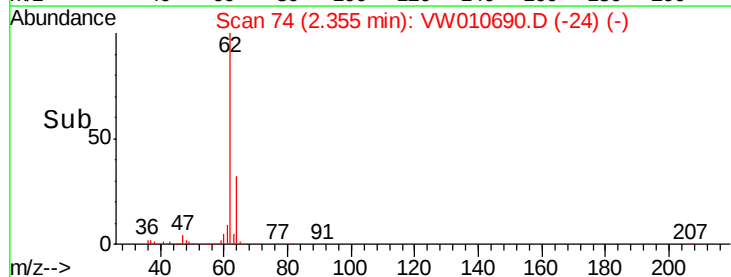
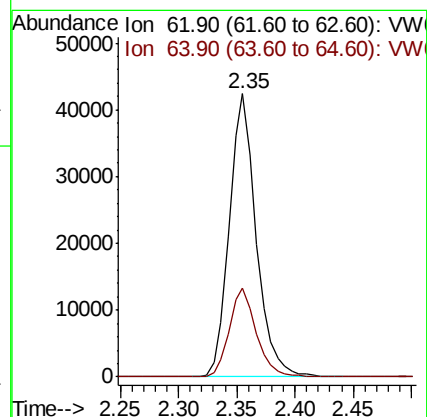
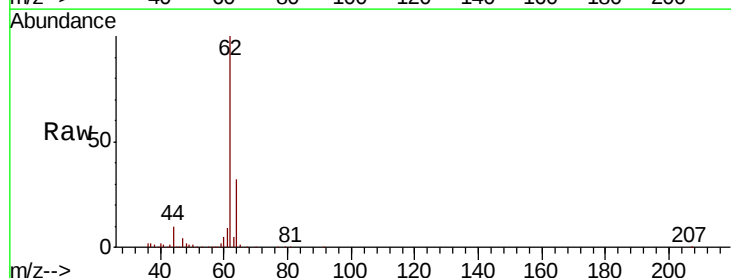
Acq: 05 Jun 2019 14:15

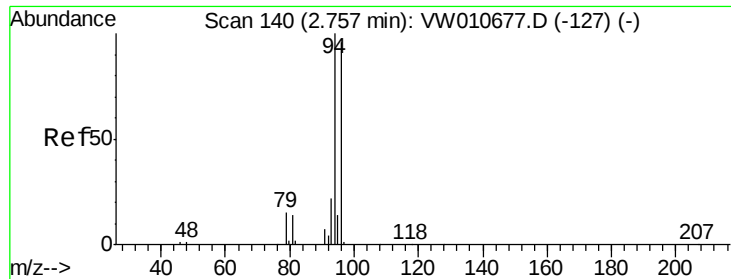
Tgt Ion: 62 Resp: 67936

Ion Ratio Lower Upper

62 100

64 31.5 24.5 36.7





#5

Bromomethane

Concen: 21.787 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

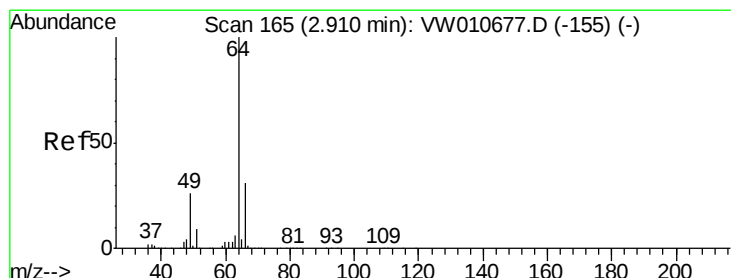
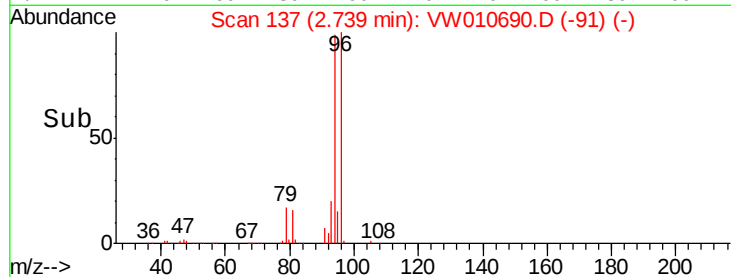
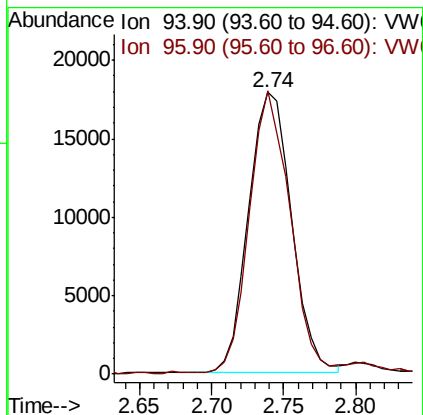
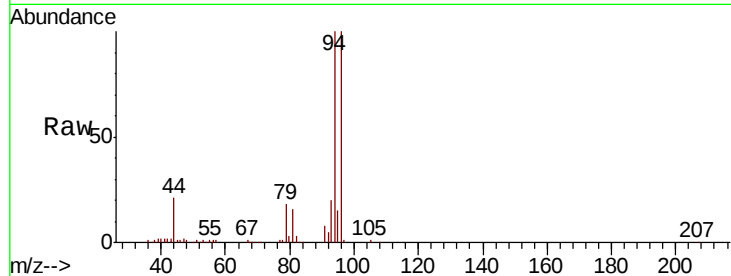
VW0605SBSD02

Tgt Ion: 94 Resp: 36958

Ion Ratio Lower Upper

94 100

96 100.3 76.5 114.7



#6

Chloroethane

Concen: 22.473 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010690.D

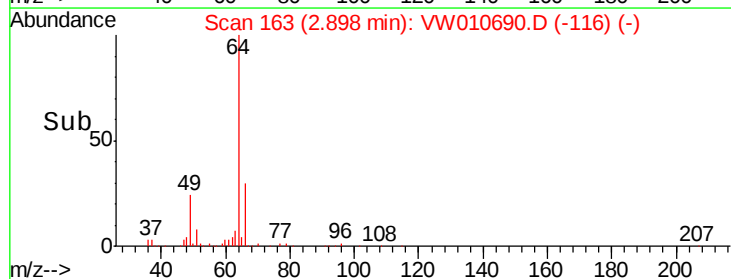
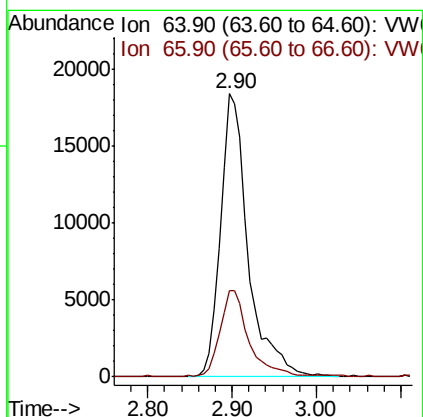
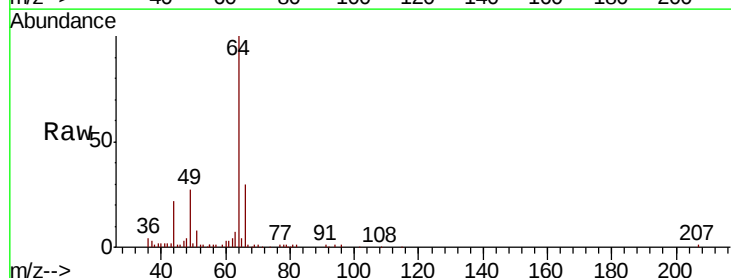
Acq: 05 Jun 2019 14:15

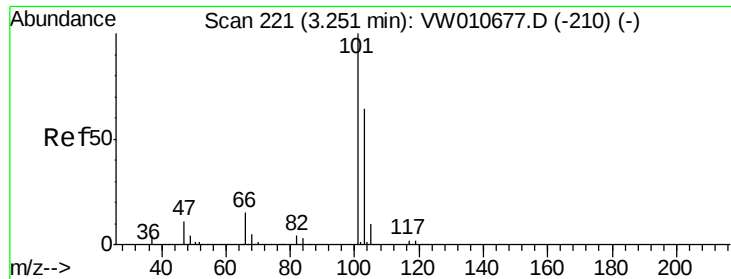
Tgt Ion: 64 Resp: 41669

Ion Ratio Lower Upper

64 100

66 30.0 25.1 37.7



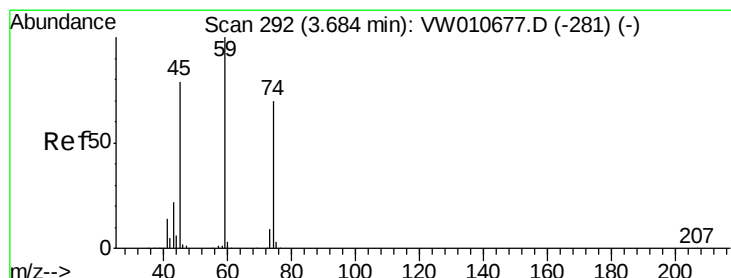
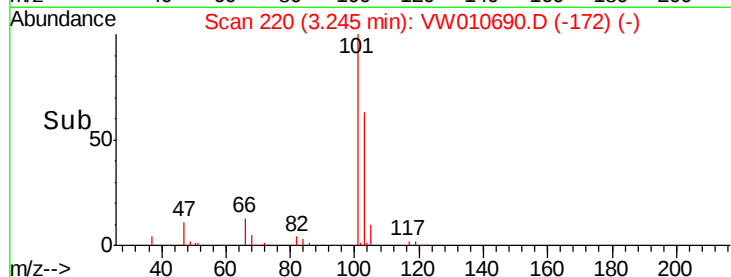
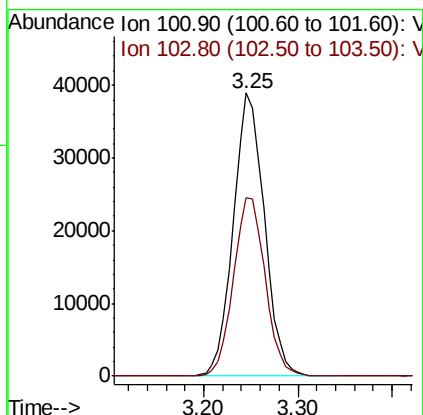
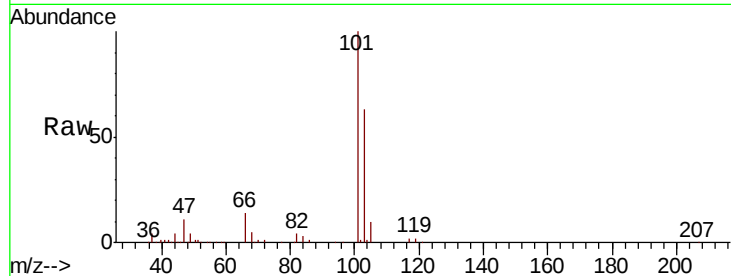


#7

Trichlorofluoromethane
 Concen: 22.355 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBSD02

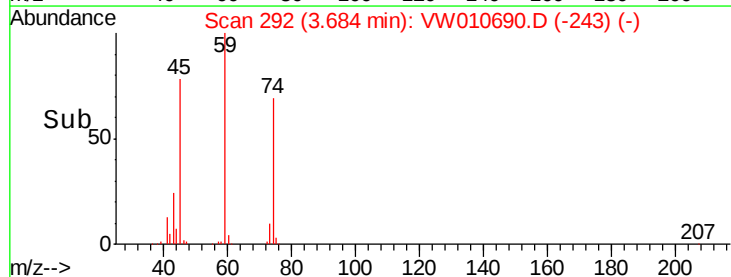
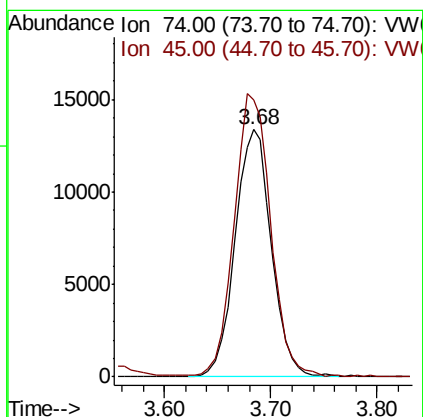
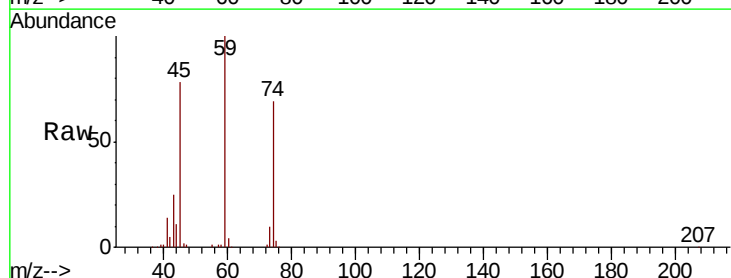
Tgt Ion:101 Resp: 89639
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.2 76.8

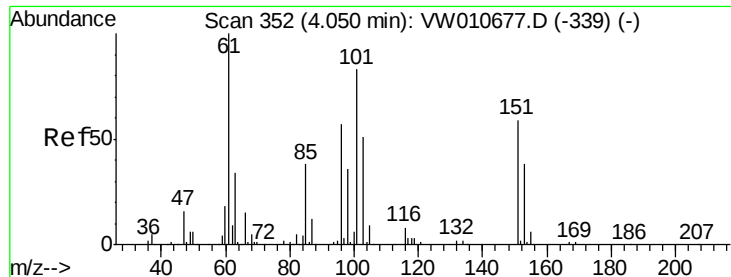


#8

Diethyl Ether
 Concen: 22.238 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion: 74 Resp: 31867
 Ion Ratio Lower Upper
 74 100
 45 115.0 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.405 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBSD02

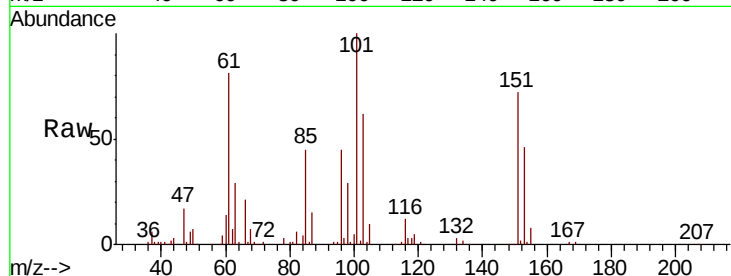
Tgt Ion:101 Resp: 55233

Ion Ratio Lower Upper

101 100

85 45.3 35.8 53.8

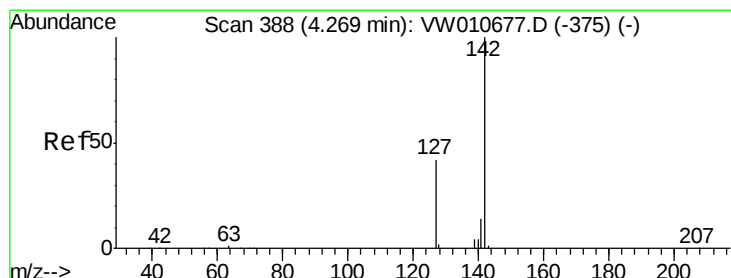
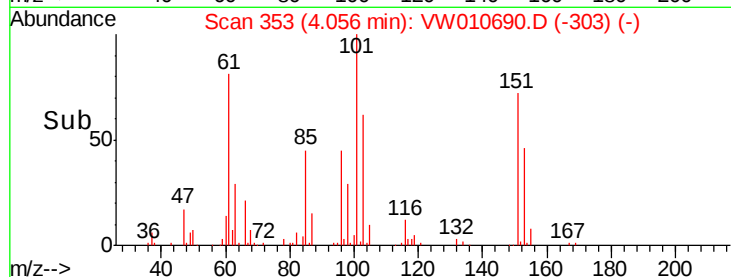
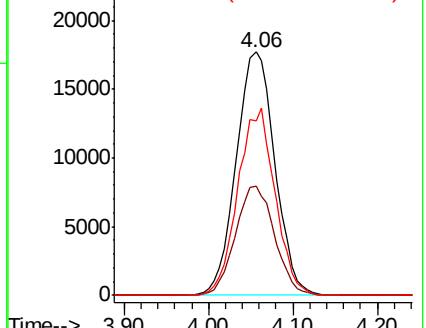
151 73.7 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.612 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

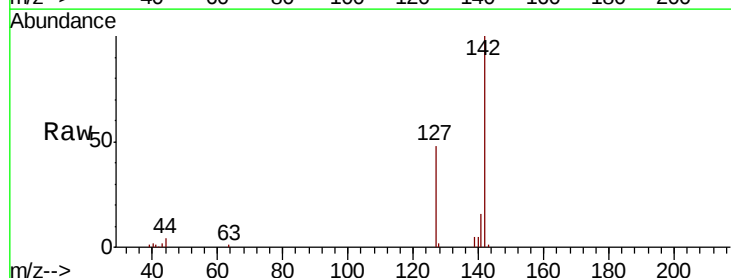
Tgt Ion:142 Resp: 41614

Ion Ratio Lower Upper

142 100

127 44.6 34.6 51.8

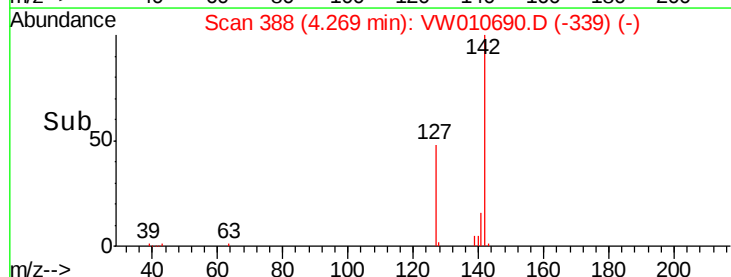
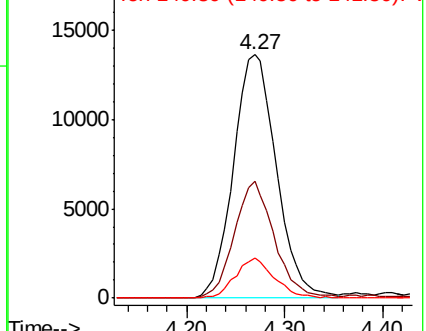
141 15.0 11.6 17.4

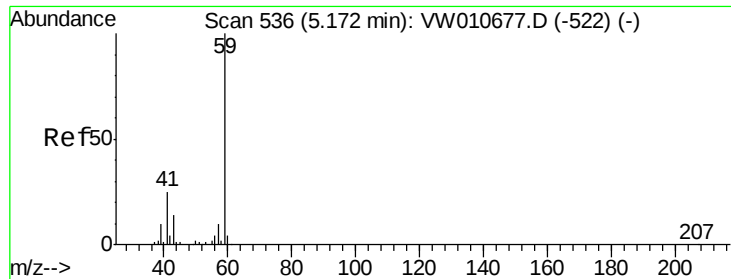


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



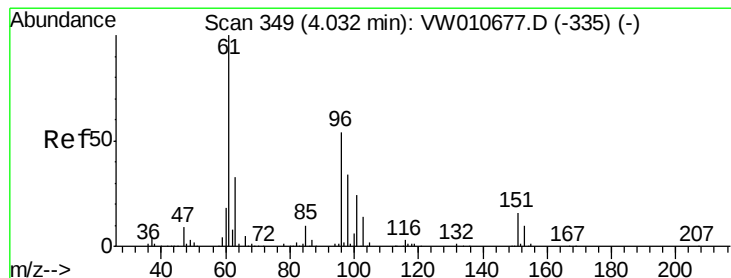
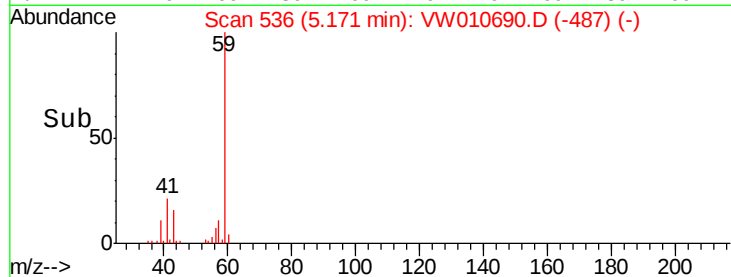
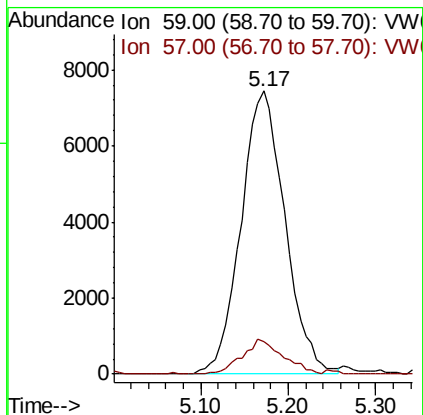
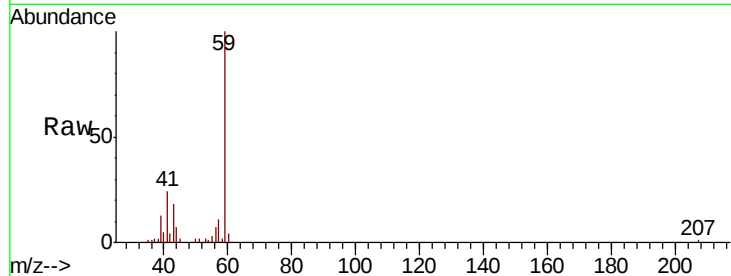


#11

Tert butyl alcohol
 Concen: 110.477 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBSD02

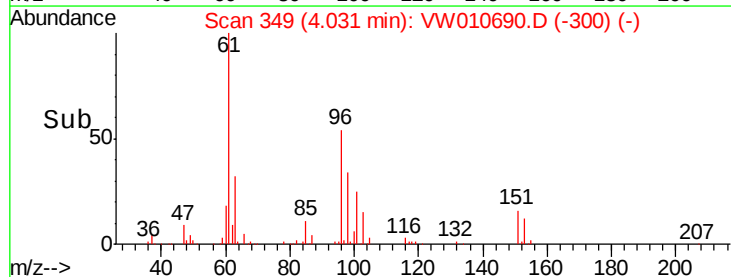
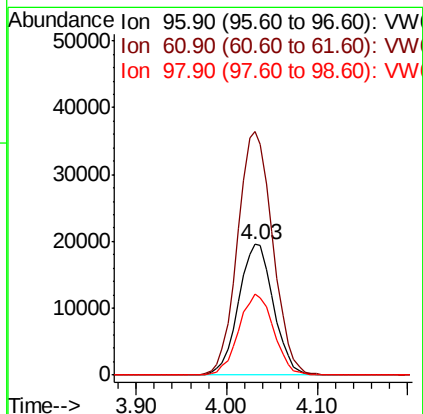
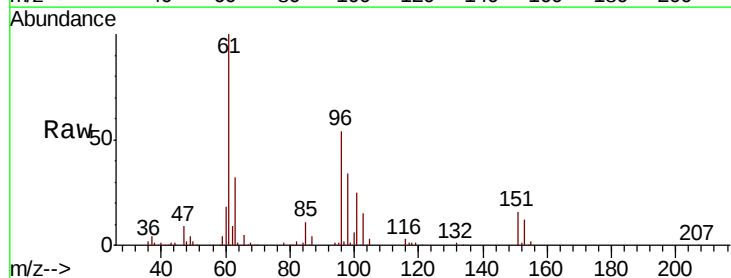
Tgt Ion: 59 Resp: 26087
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.6 12.8

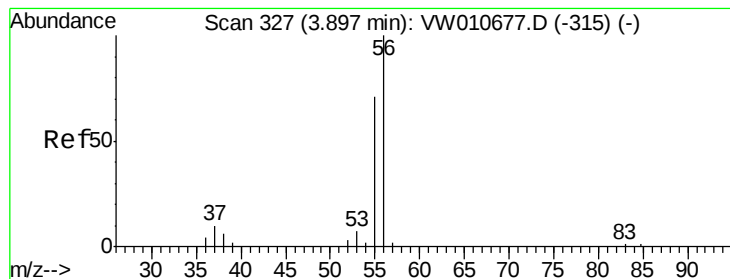


#12

1,1-Dichloroethene
 Concen: 22.055 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion: 96 Resp: 52449
 Ion Ratio Lower Upper
 96 100
 61 186.0 149.1 223.7
 98 62.4 51.1 76.7





#13

Acrolein

Concen: 85.946 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

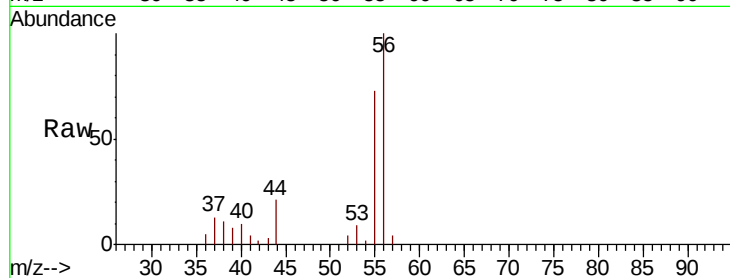
VW0605SBSD02

Tgt Ion: 56 Resp: 8293

Ion Ratio Lower Upper

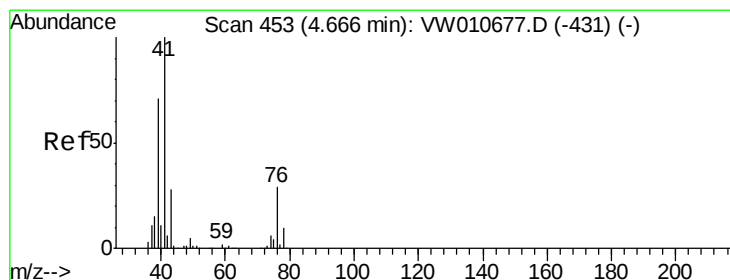
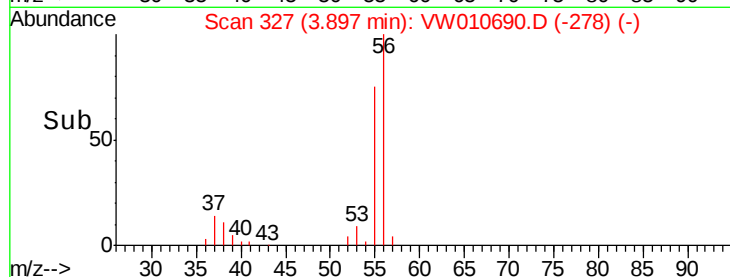
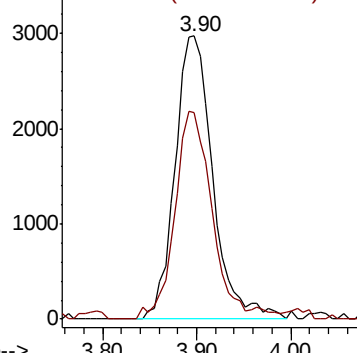
56 100

55 71.5 57.6 86.4



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 22.069 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

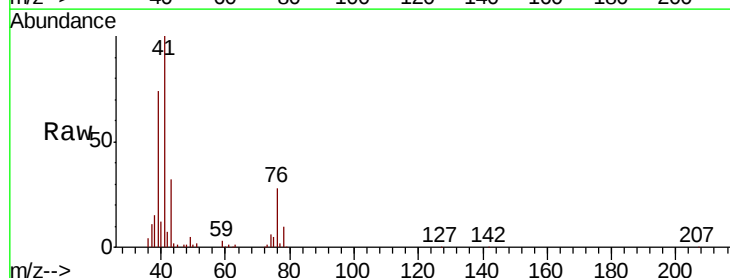
Tgt Ion: 41 Resp: 115720

Ion Ratio Lower Upper

41 100

39 71.9 55.8 83.6

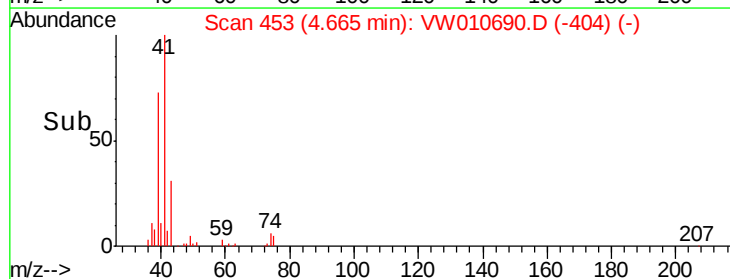
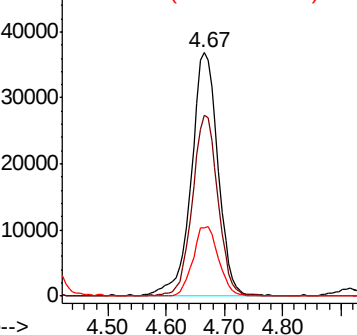
76 27.6 22.7 34.1

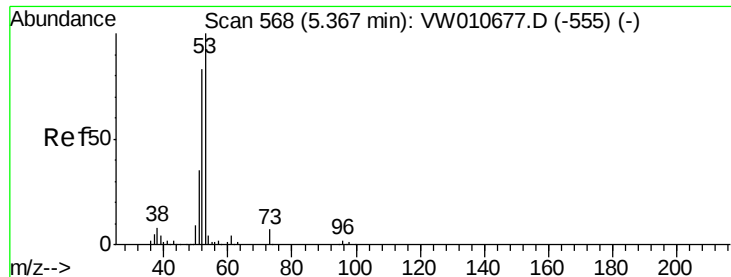


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 109.186 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBSD02

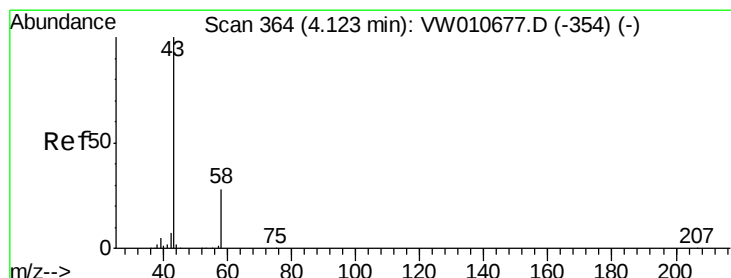
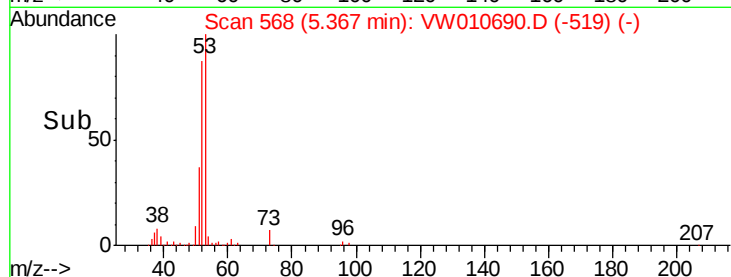
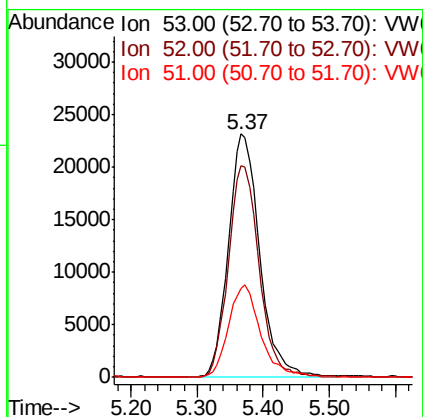
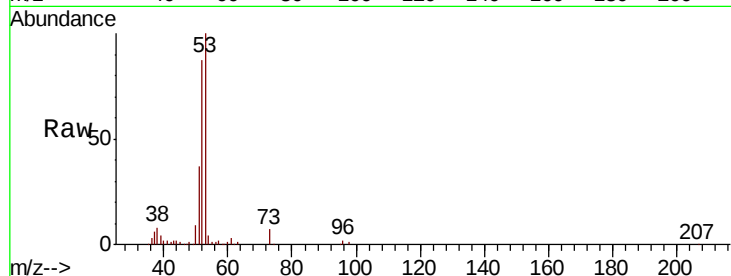
Tgt Ion: 53 Resp: 76011

Ion Ratio Lower Upper

53 100

52 85.3 66.6 100.0

51 38.7 29.8 44.8



#16

Acetone

Concen: 108.043 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010690.D

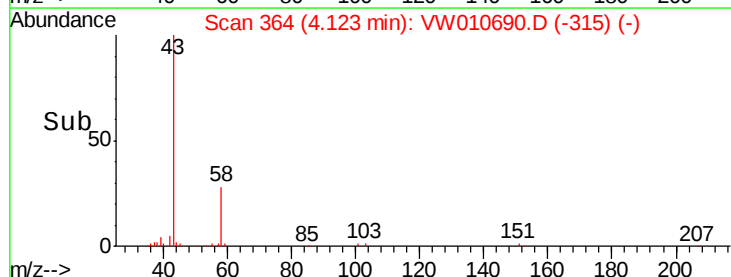
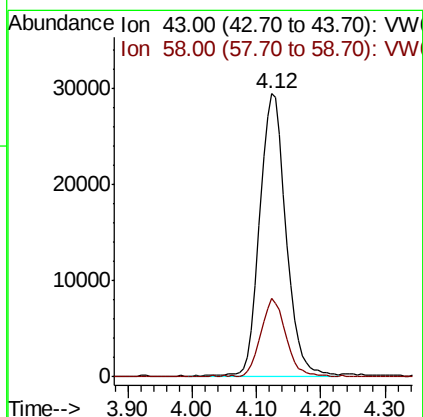
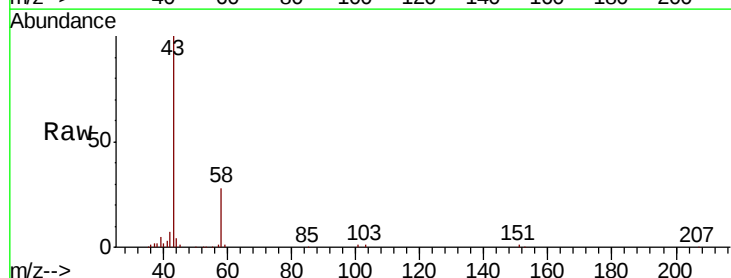
Acq: 05 Jun 2019 14:15

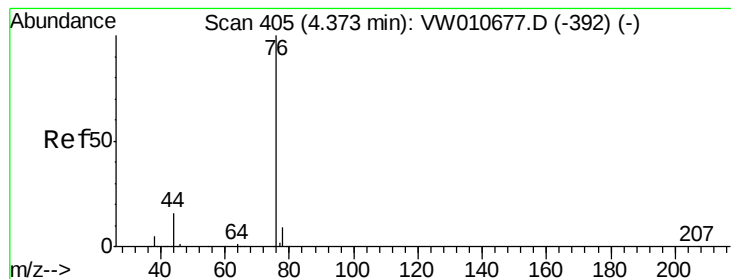
Tgt Ion: 43 Resp: 83910

Ion Ratio Lower Upper

43 100

58 27.9 22.1 33.1





#17

Carbon Disulfide

Concen: 21.603 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

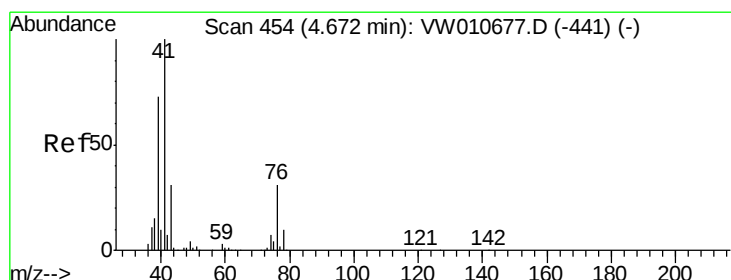
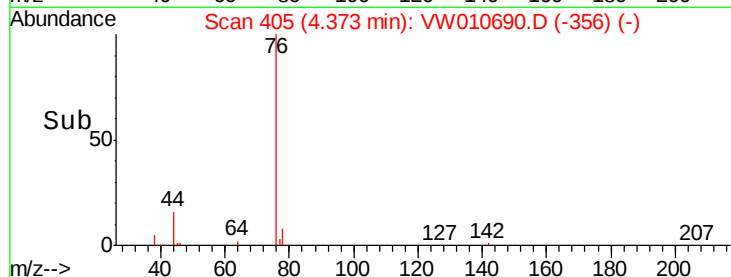
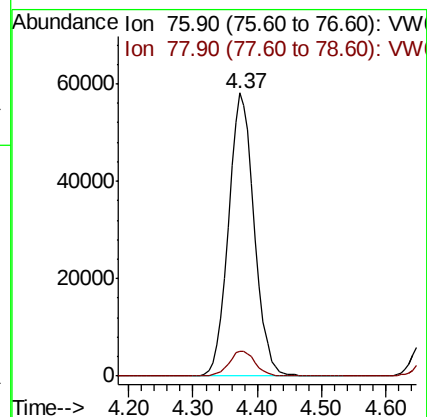
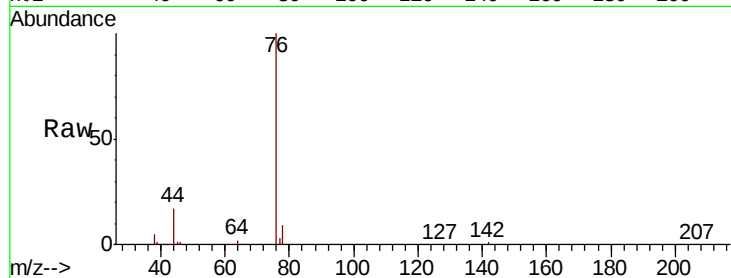
VW0605SBSD02

Tgt Ion: 76 Resp: 163081

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



#18

Methyl Acetate

Concen: 22.663 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010690.D

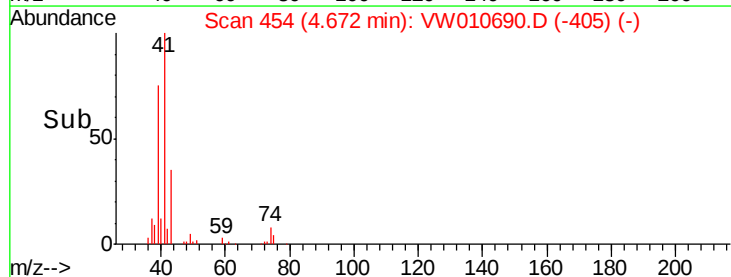
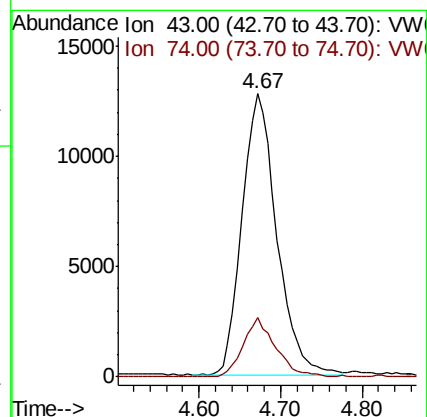
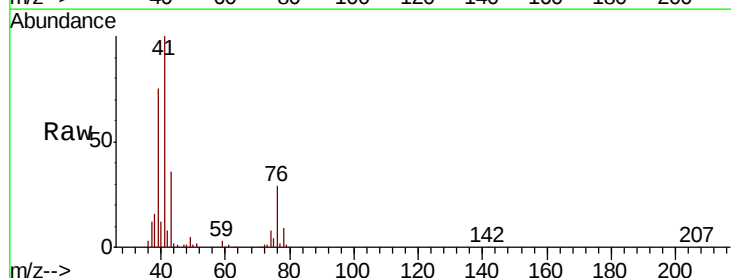
Acq: 05 Jun 2019 14:15

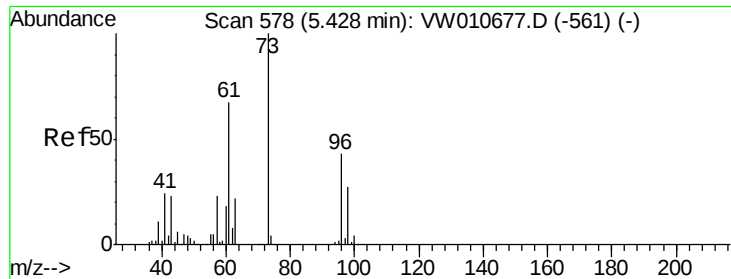
Tgt Ion: 43 Resp: 37888

Ion Ratio Lower Upper

43 100

74 19.5 16.7 25.1



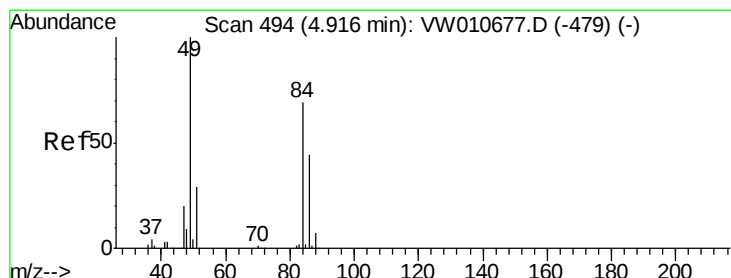
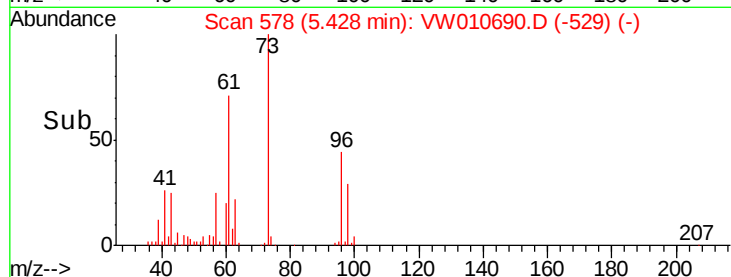
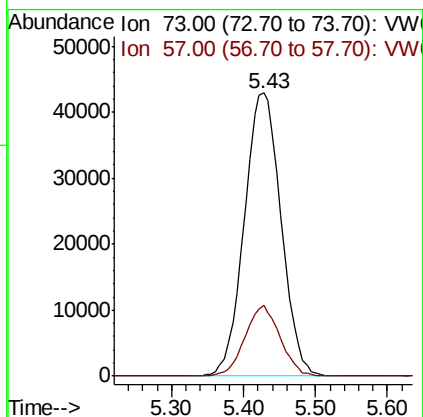
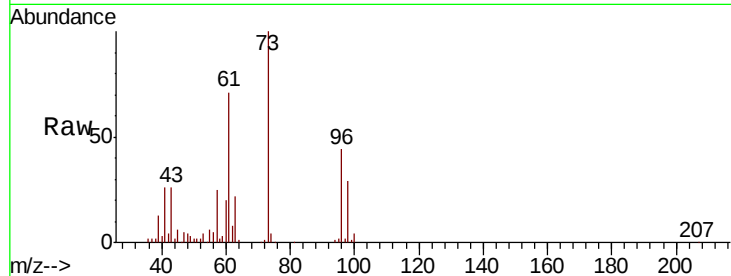


#19

Methyl tert-butyl Ether
 Concen: 22.198 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

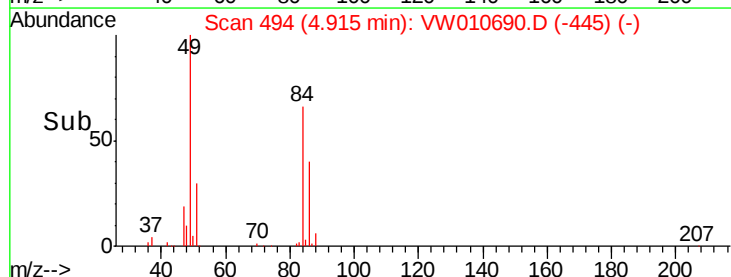
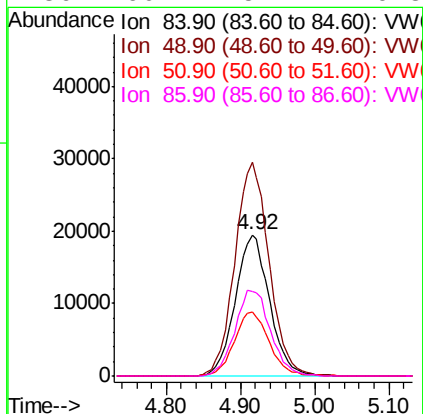
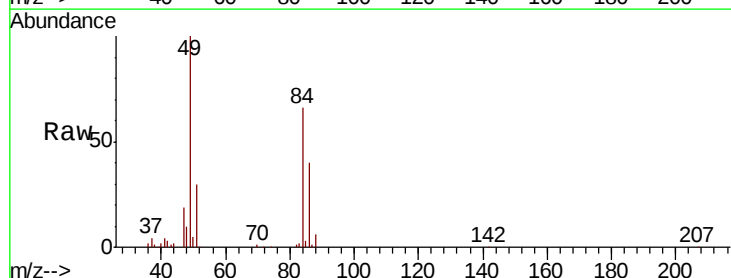
Tgt Ion: 73 Resp: 152254
 Ion Ratio Lower Upper
 73 100
 57 24.9 18.6 27.8

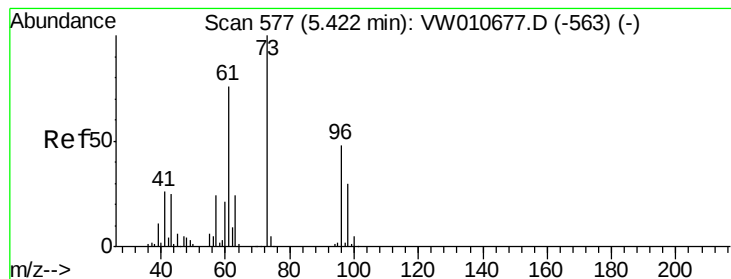


#20

Methylene Chloride
 Concen: 23.057 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion: 84 Resp: 62820
 Ion Ratio Lower Upper
 84 100
 49 151.4 116.7 175.1
 51 45.5 34.2 51.2
 86 60.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 22.155 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

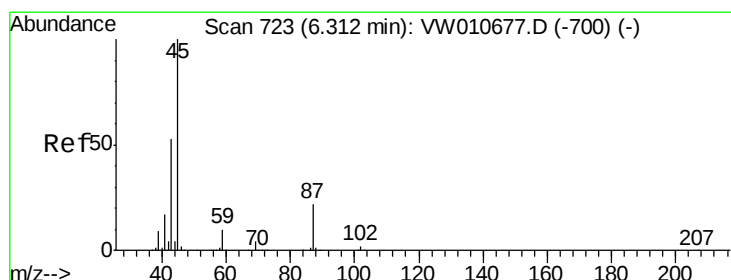
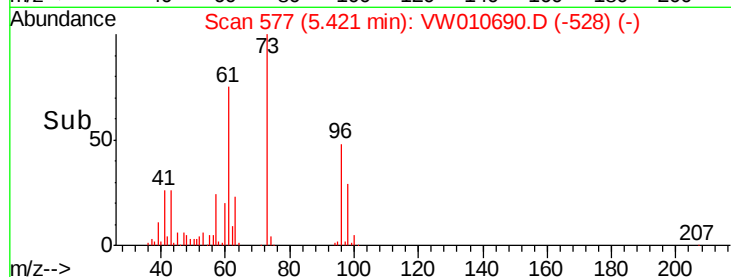
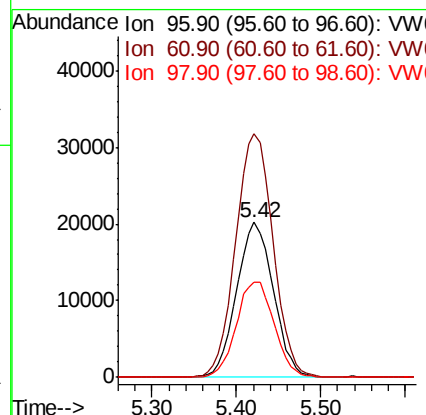
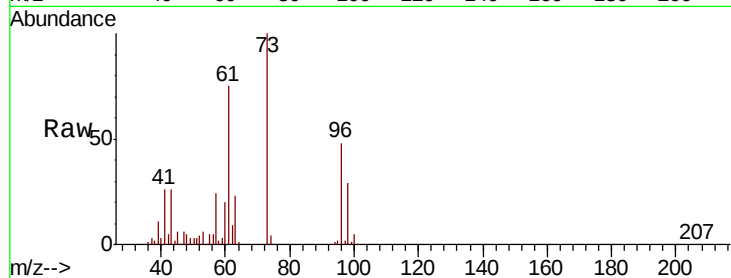
Tgt Ion: 96 Resp: 59812

Ion Ratio Lower Upper

96 100

61 156.5 126.0 189.0

98 61.2 49.6 74.4



#22

Diisopropyl ether

Concen: 22.574 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Tgt Ion: 45 Resp: 236976

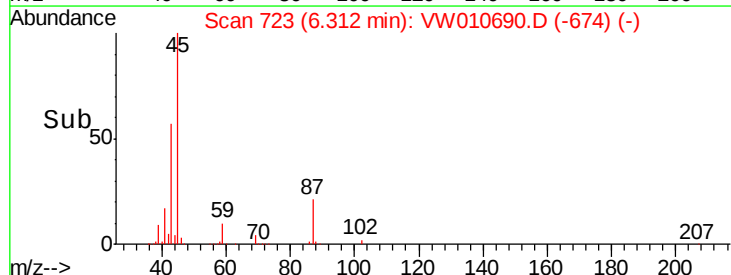
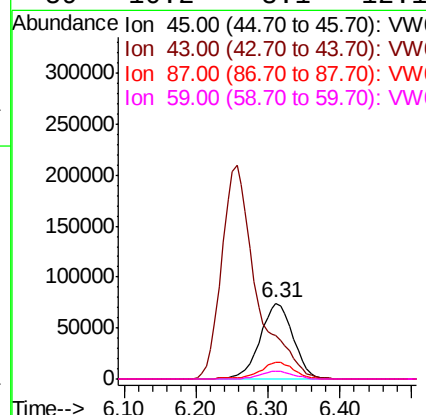
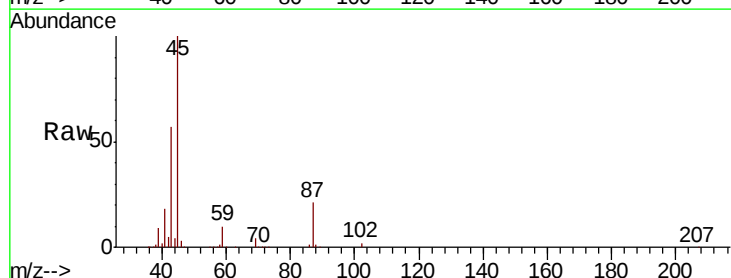
Ion Ratio Lower Upper

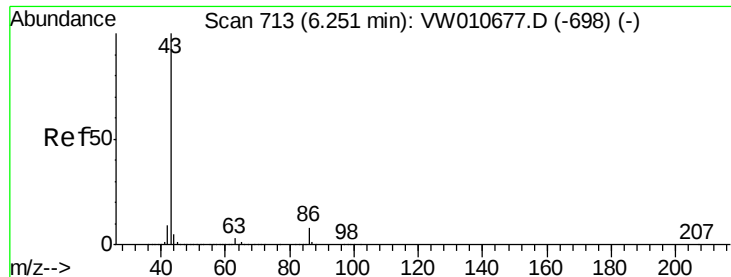
45 100

43 56.7 42.5 63.7

87 21.4 17.4 26.2

59 10.2 8.1 12.1





#23

Vinyl Acetate

Concen: 110.243 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

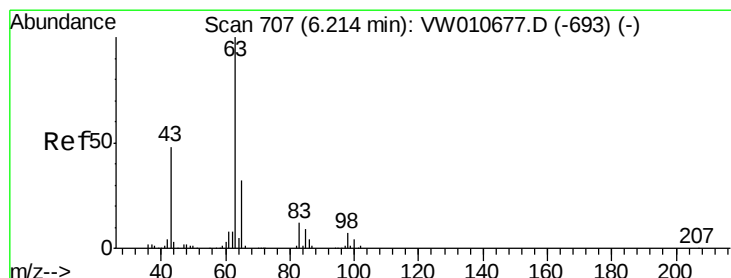
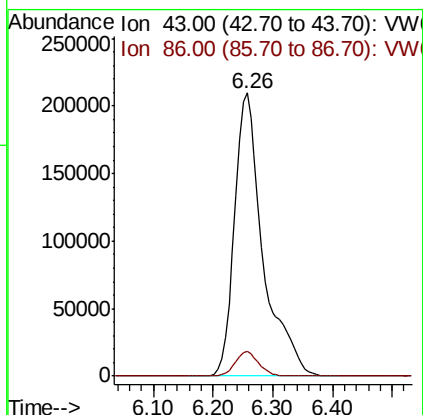
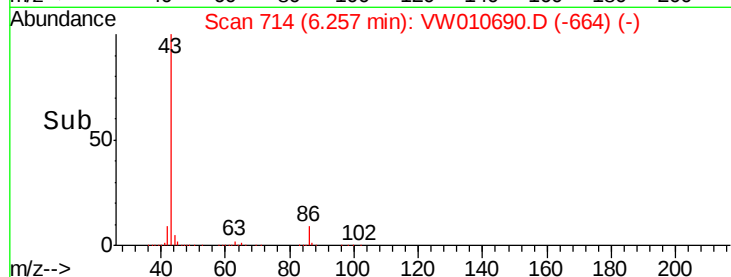
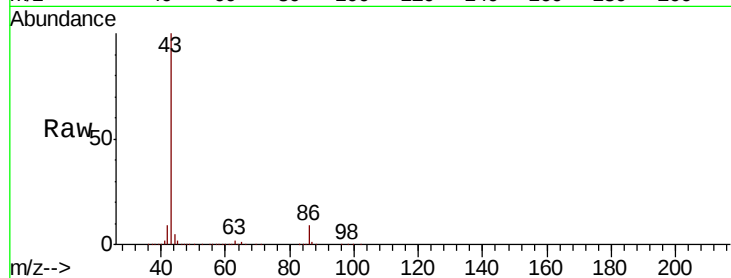
VW0605SBSD02

Tgt Ion: 43 Resp: 698432

Ion Ratio Lower Upper

43 100

86 8.6 6.6 10.0



#24

1,1-Dichloroethane

Concen: 22.484 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

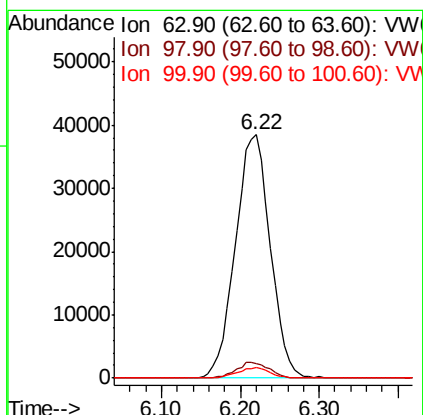
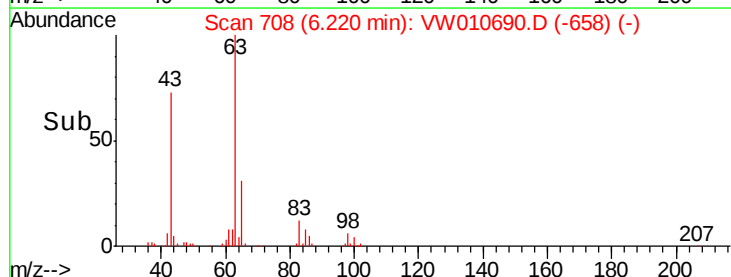
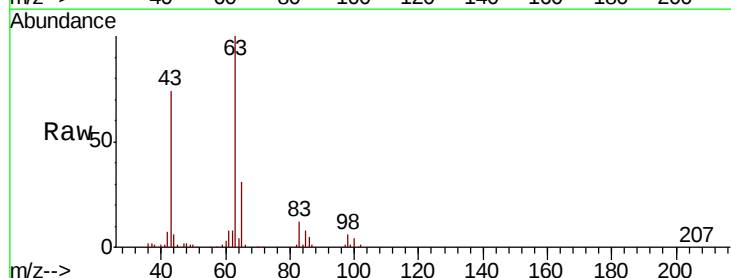
Tgt Ion: 63 Resp: 118285

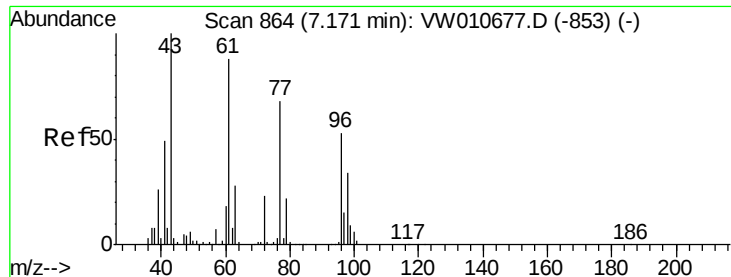
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 107.556 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

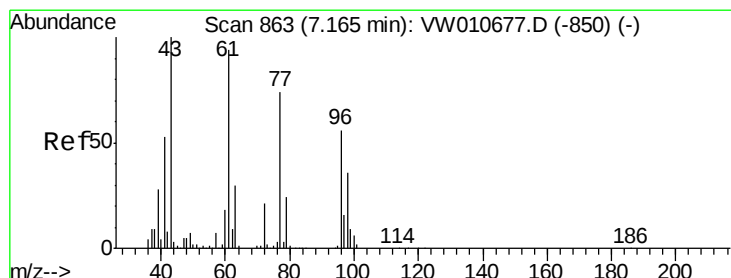
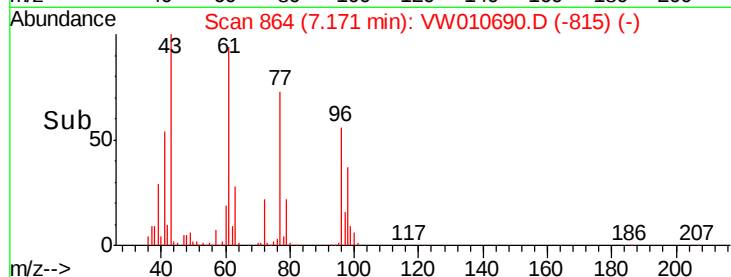
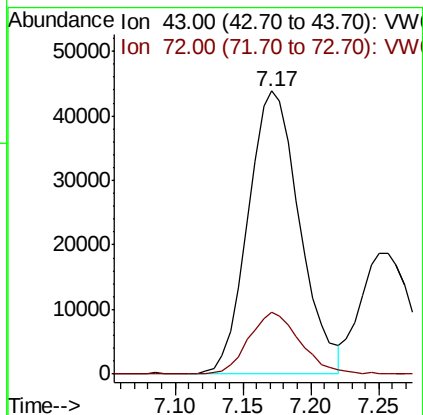
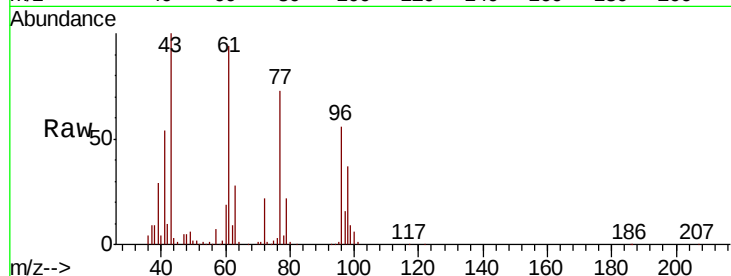
VW0605SBS02

Tgt Ion: 43 Resp: 115828

Ion Ratio Lower Upper

43 100

72 22.0 18.1 27.1



#26

2,2-Dichloropropane

Concen: 22.056 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010690.D

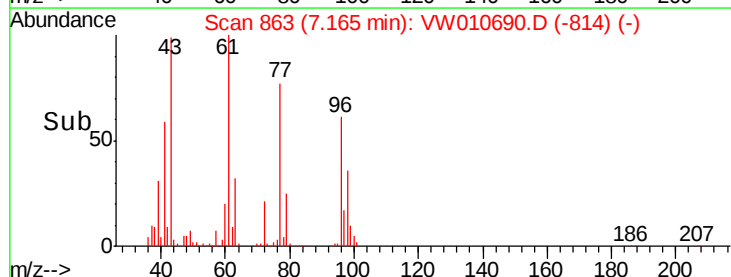
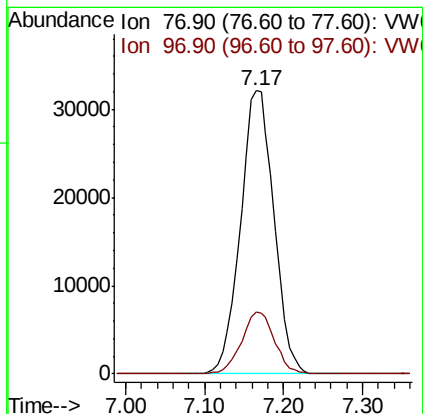
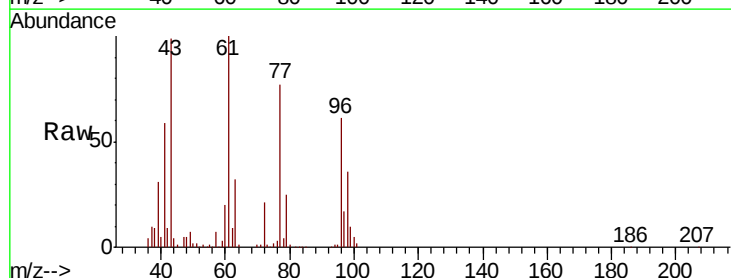
Acq: 05 Jun 2019 14:15

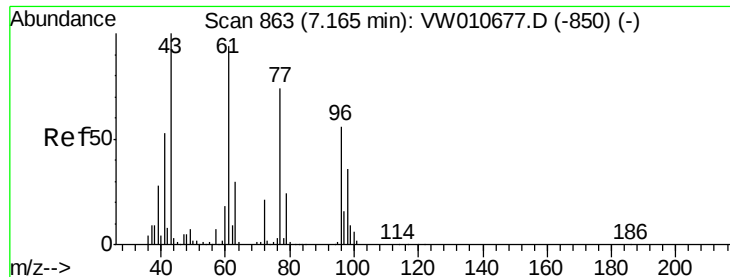
Tgt Ion: 77 Resp: 94420

Ion Ratio Lower Upper

77 100

97 21.4 10.5 31.6



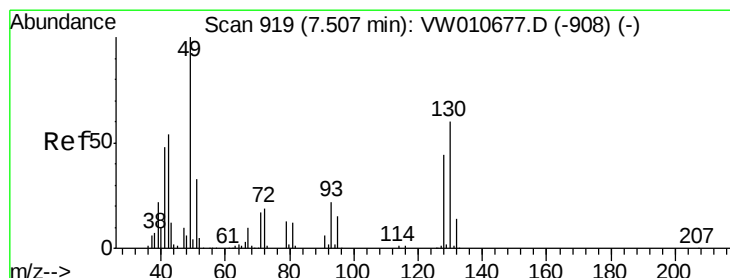
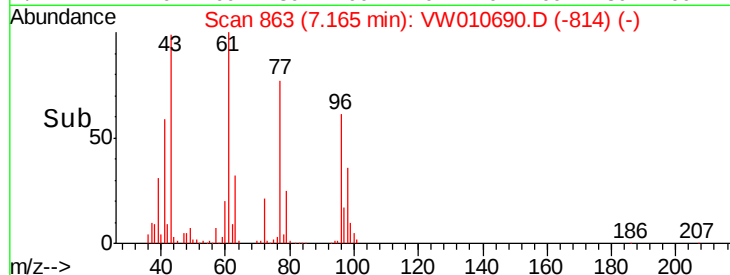
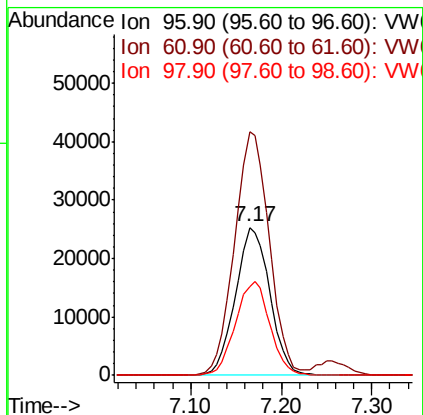
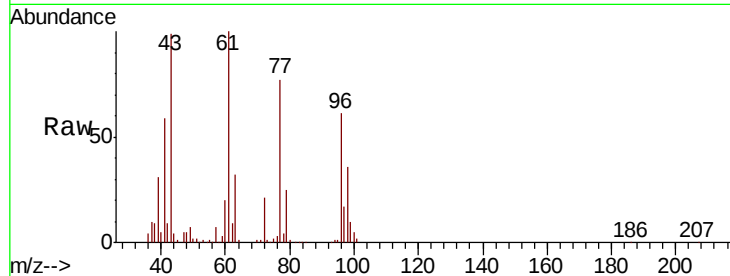


#27

cis-1,2-Dichloroethene
Concen: 22.302 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

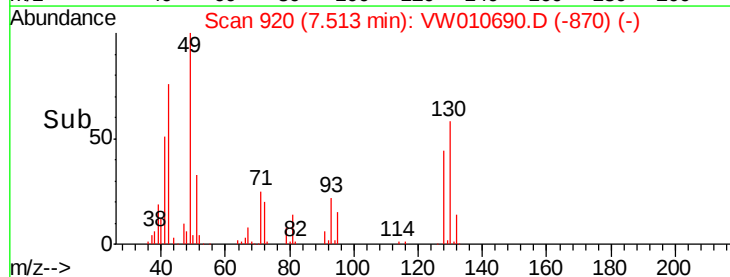
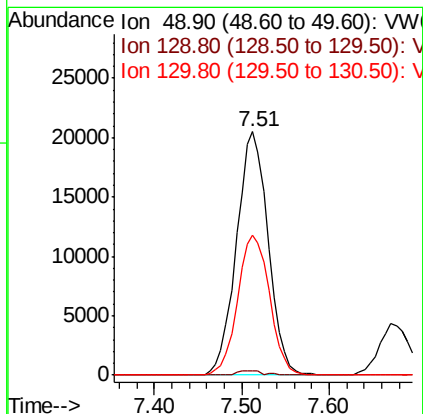
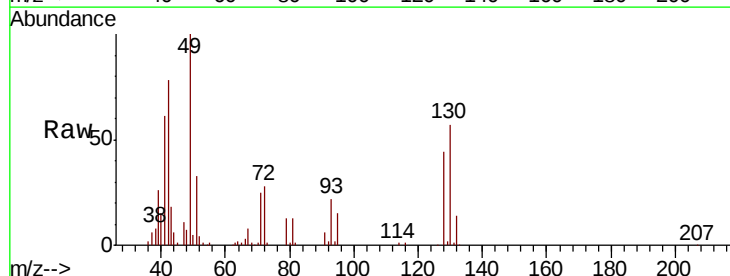
Tgt Ion: 96 Resp: 66260
Ion Ratio Lower Upper
96 100
61 167.5 0.0 336.4
98 63.6 0.0 128.0

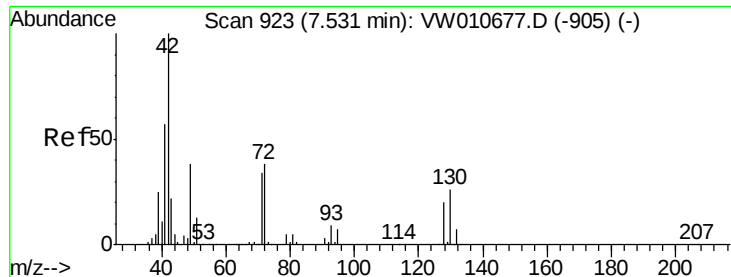


#28

Bromochloromethane
Concen: 21.938 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 49 Resp: 51506
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.2
130 57.9 48.3 72.5

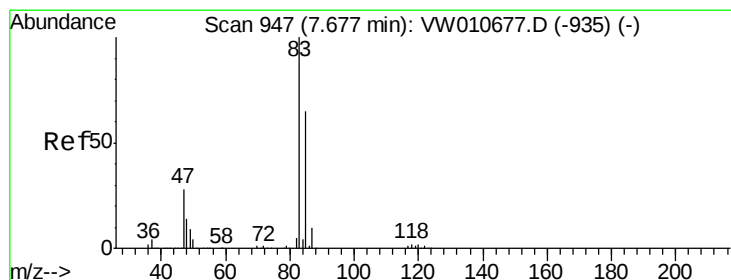
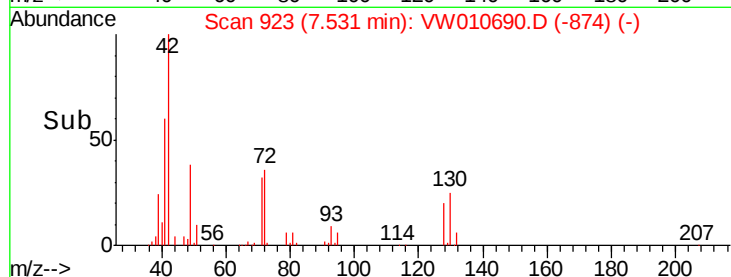
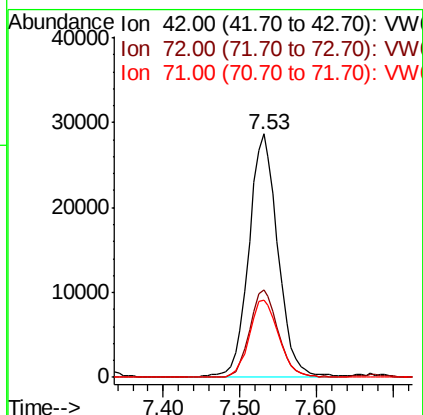
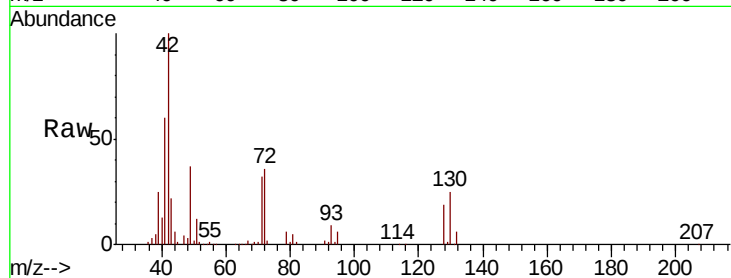




#29
Tetrahydrofuran
Concen: 111.330 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

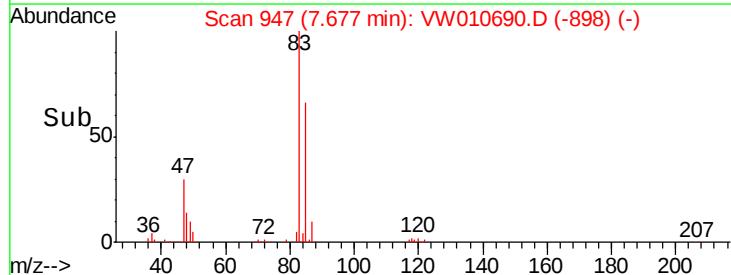
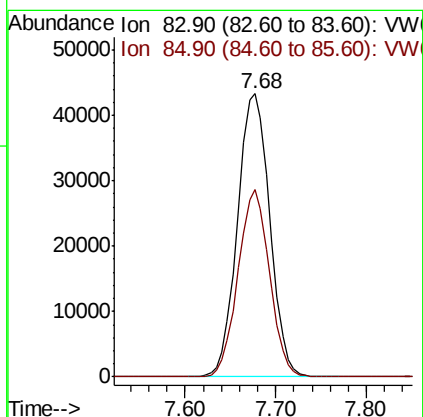
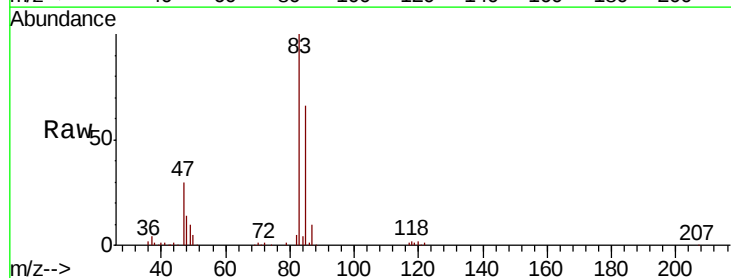
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

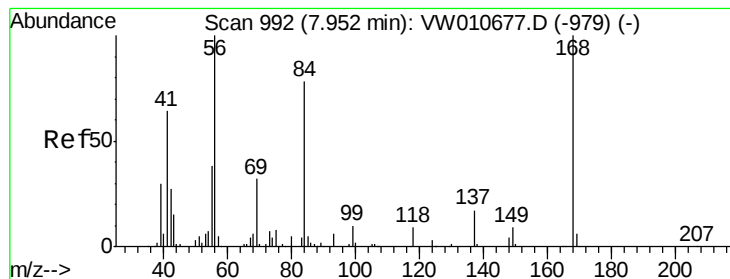
Tgt Ion: 42 Resp: 75412
Ion Ratio Lower Upper
42 100
72 35.6 28.7 43.1
71 32.5 26.6 39.8



#30
Chloroform
Concen: 22.214 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 83 Resp: 106891
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.8





#31

Cyclohexane

Concen: 21.732 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBSD02

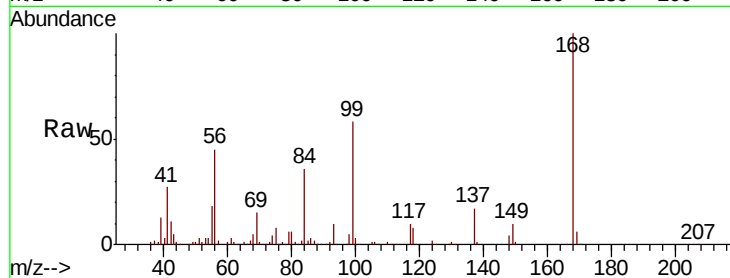
Tgt Ion: 56 Resp: 127092

Ion Ratio Lower Upper

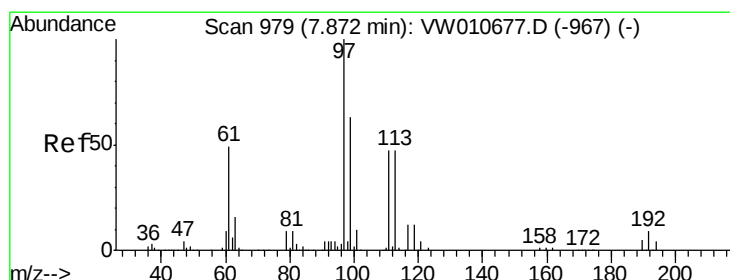
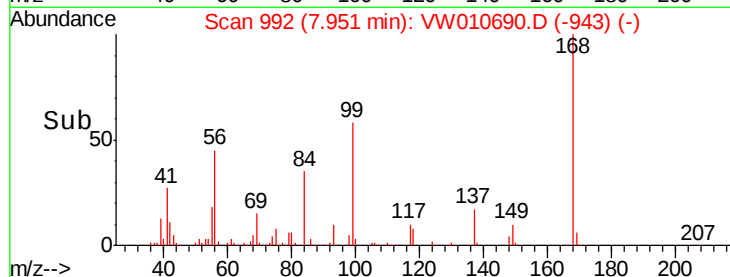
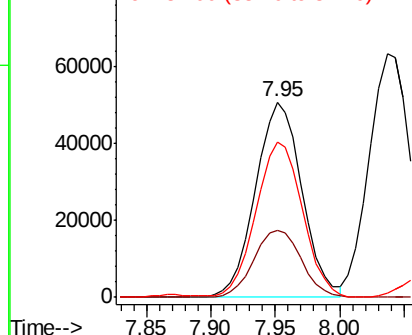
56 100

69 34.6 25.2 37.8

84 78.9 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: 22.471 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

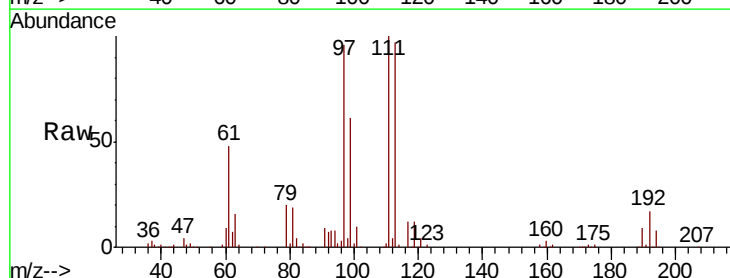
Tgt Ion: 97 Resp: 94455

Ion Ratio Lower Upper

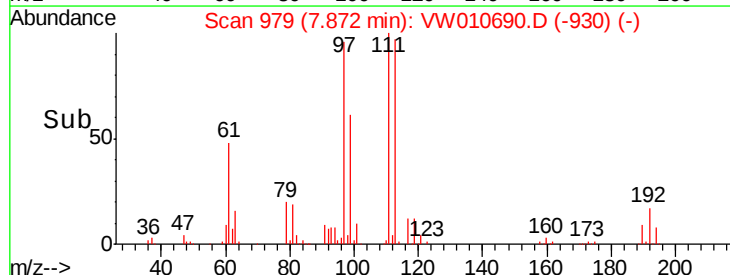
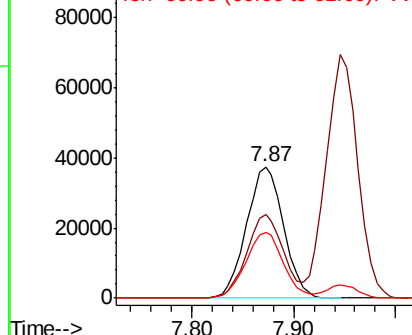
97 100

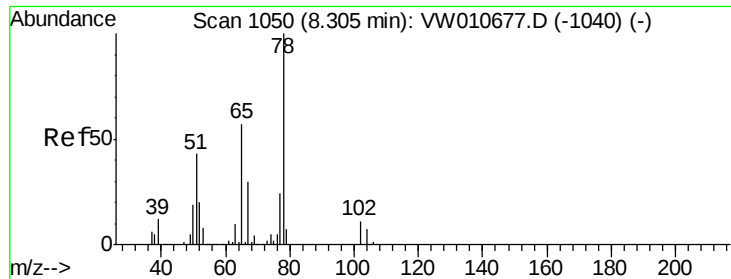
99 63.9 51.3 76.9

61 50.5 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

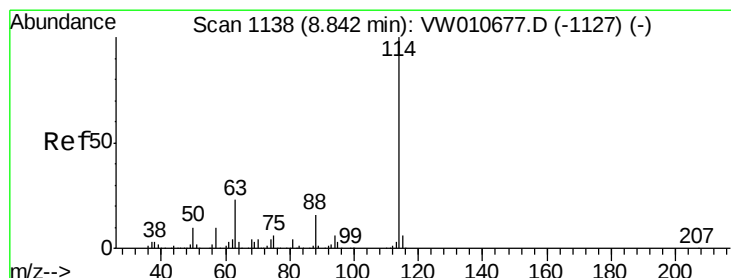
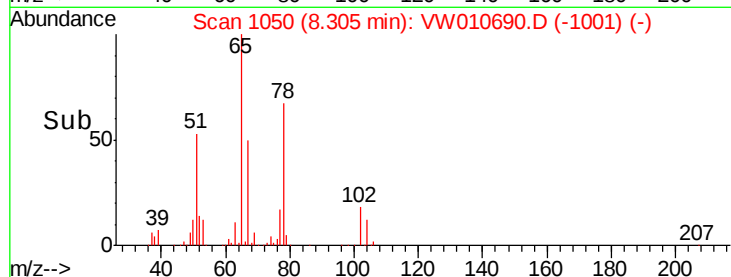
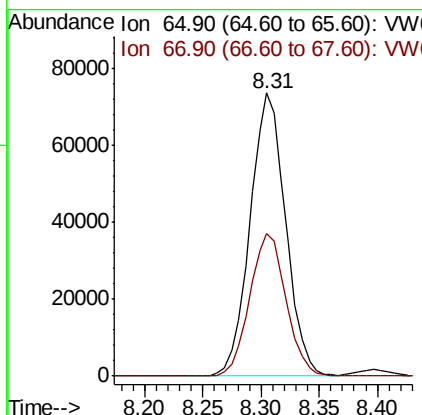
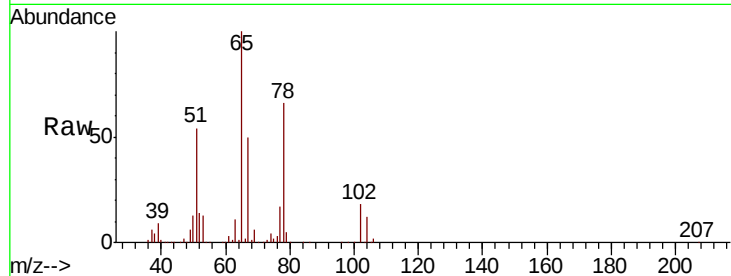




#33
 1,2-Dichloroethane-d4
 Concen: 54.194 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

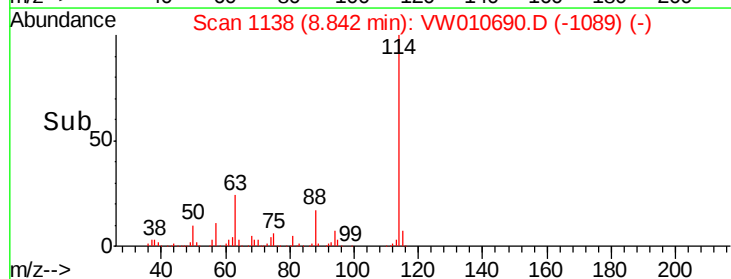
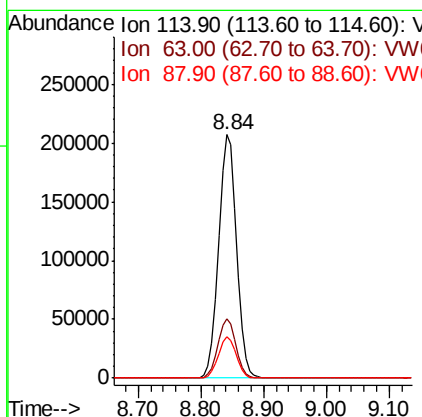
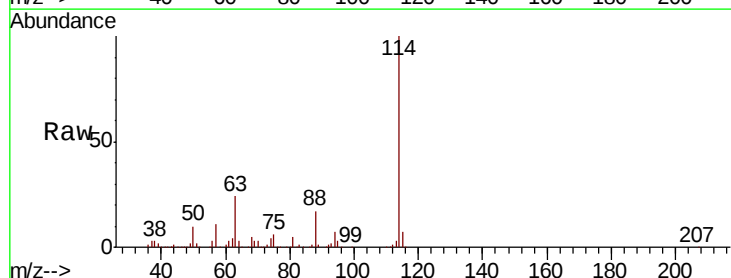
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBSD02

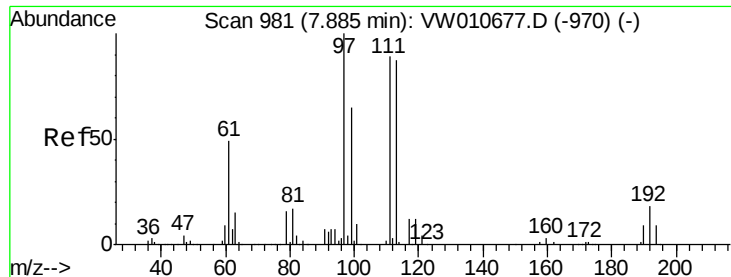
Tgt Ion: 65 Resp: 157080
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion: 114 Resp: 407589
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.4
 88 16.8 0.0 32.2

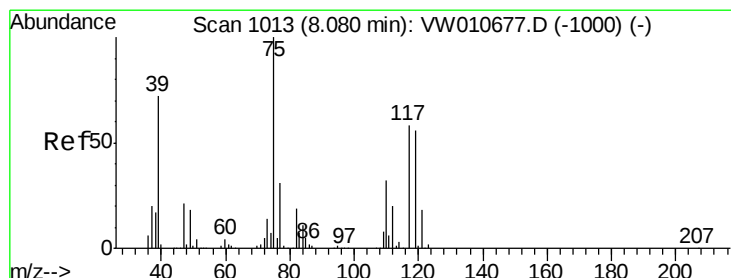
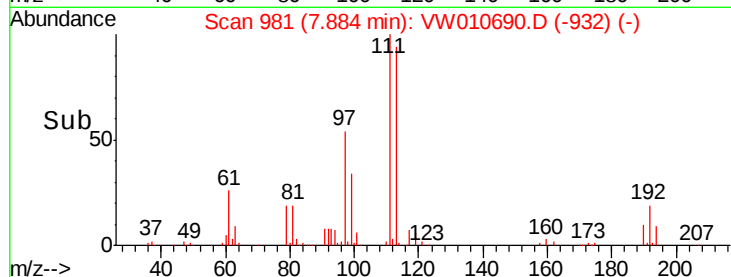
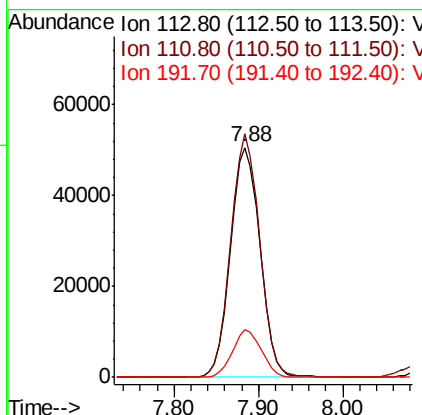
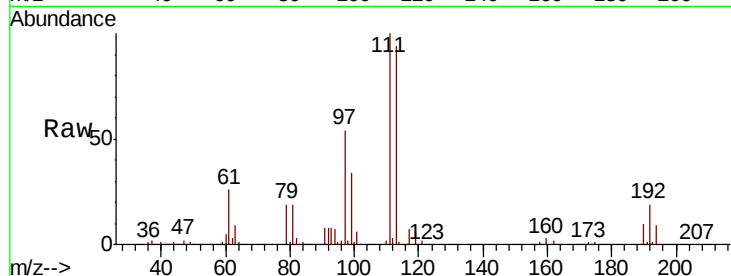




#35
 Dibromofluoromethane
 Concen: 54.401 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

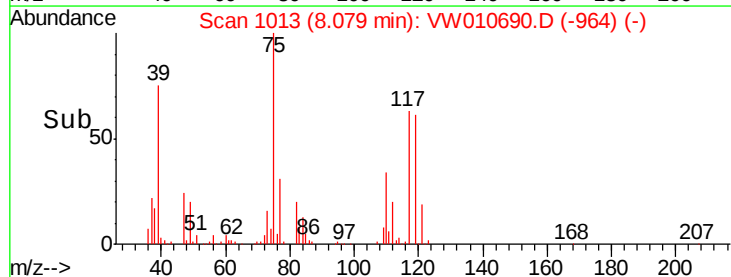
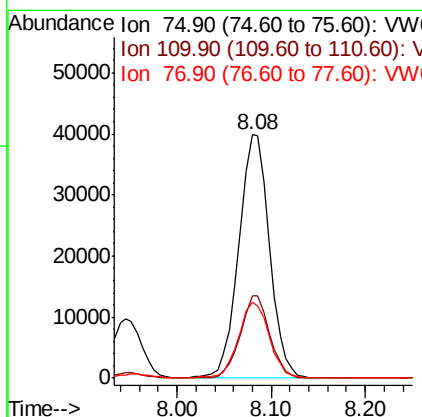
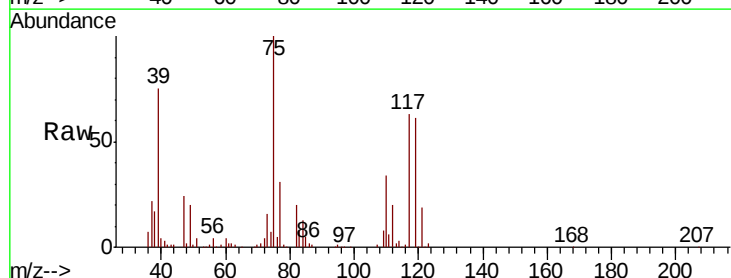
Instrument :
 MSVOA_W
 ClientSampled :
 VW0605SBSD02

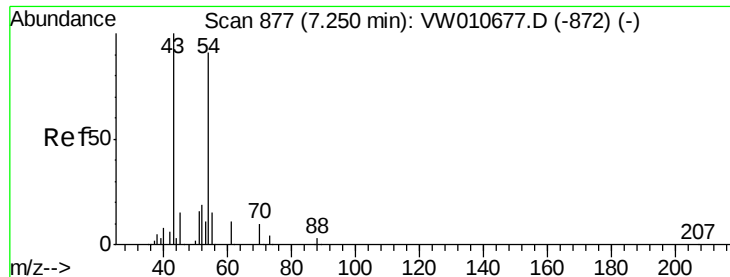
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	20.0	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 21.780 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.3	15.8	47.3
77	31.4	24.7	37.1

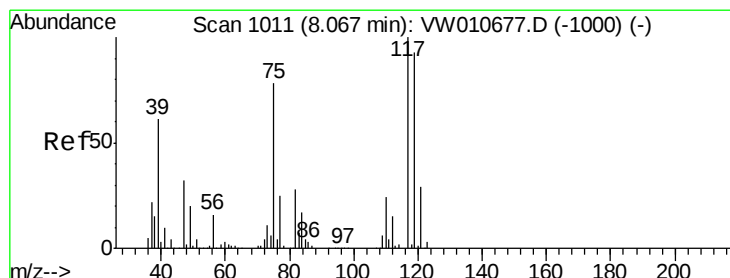
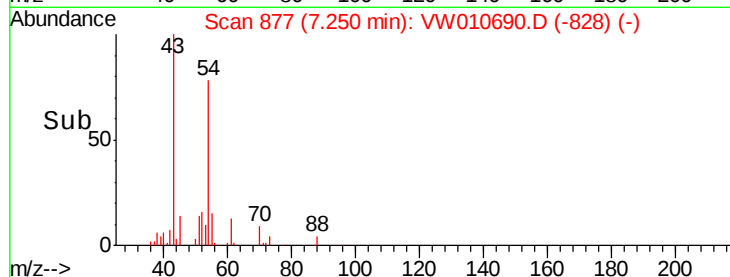
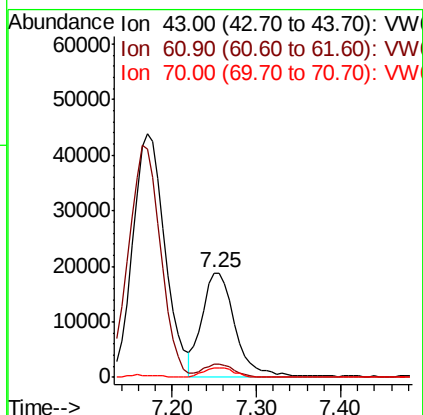
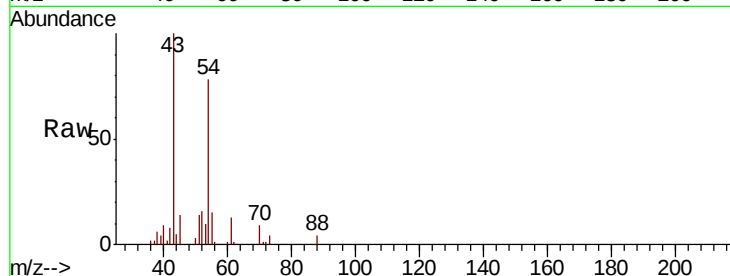




#37
Ethyl Acetate
Concen: 21.897 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

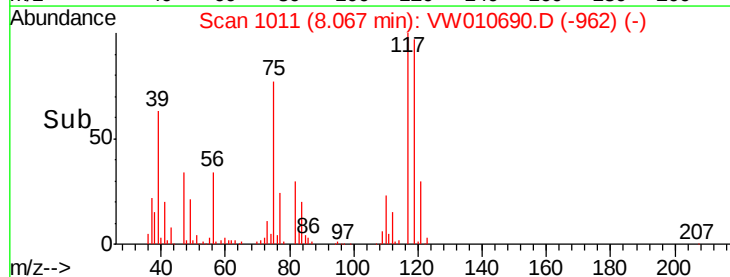
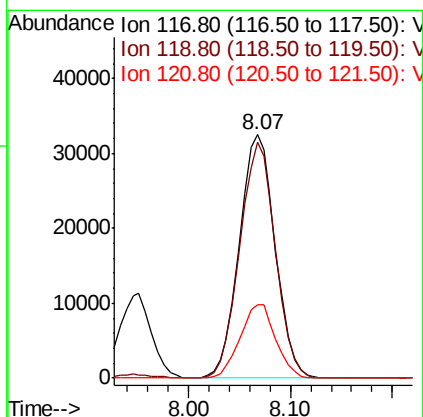
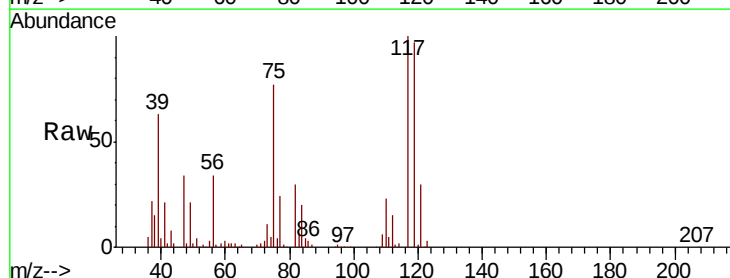
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

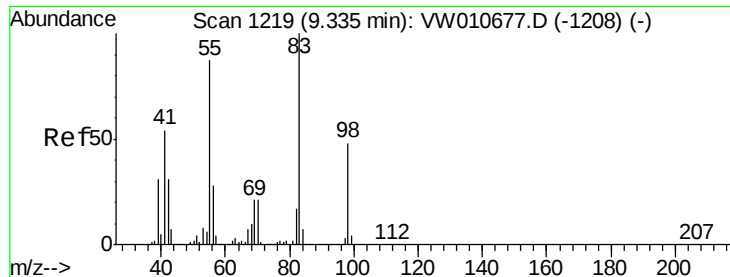
Tgt Ion: 43 Resp: 50624
Ion Ratio Lower Upper
43 100
61 12.2 9.7 14.5
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.994 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 117 Resp: 79215
Ion Ratio Lower Upper
117 100
119 97.0 74.2 111.4
121 30.2 22.9 34.3

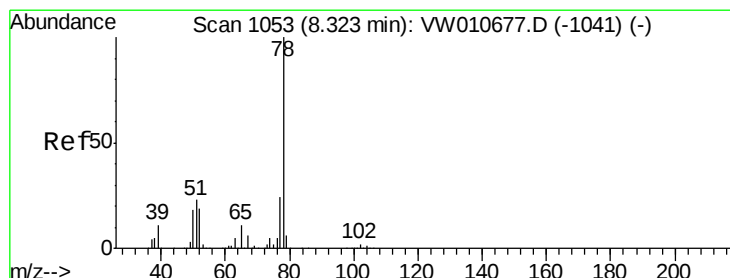
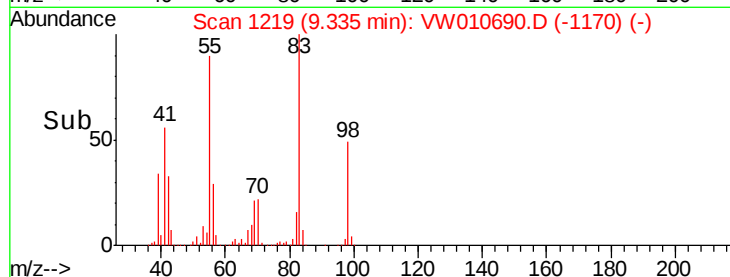
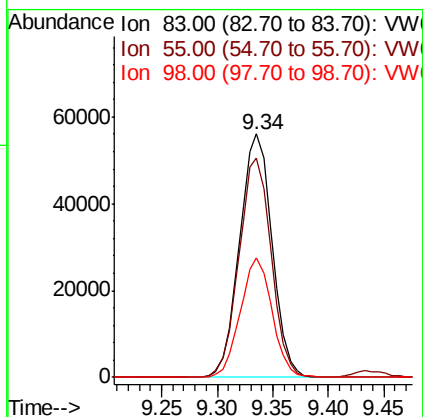
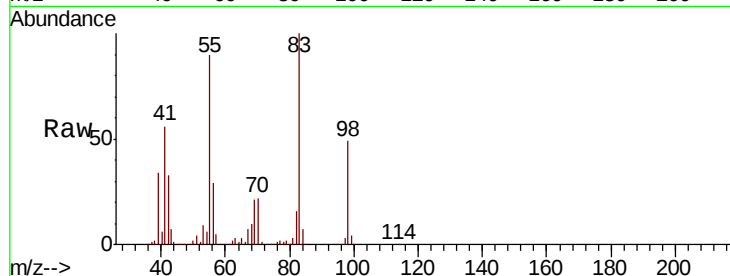




#39
Methylcyclohexane
Concen: 21.475 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

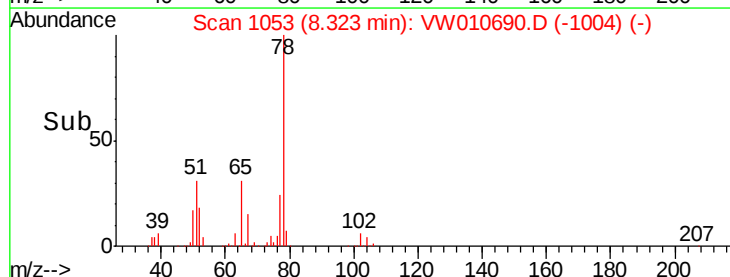
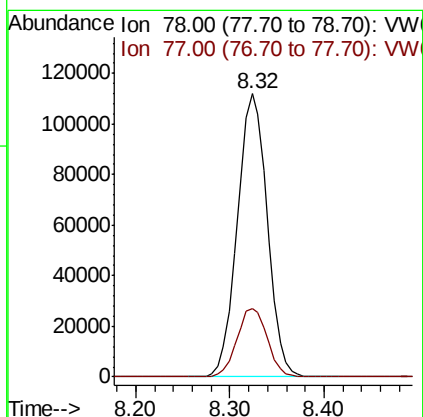
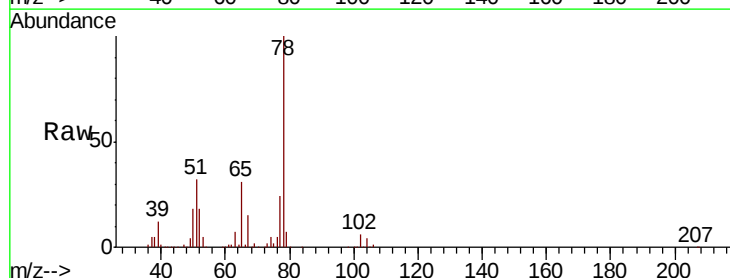
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

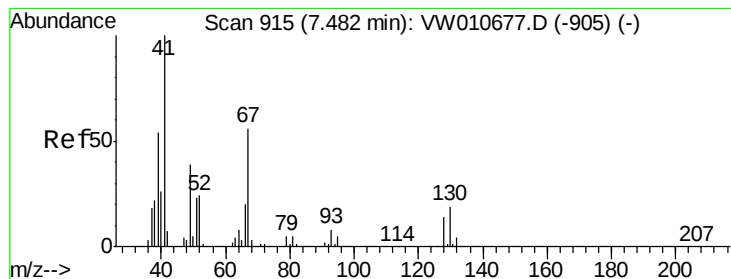
Tgt Ion: 83 Resp: 113900
Ion Ratio Lower Upper
83 100
55 90.0 70.0 105.0
98 48.8 38.1 57.1



#40
Benzene
Concen: 21.811 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 78 Resp: 248249
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7





#41

Methacrylonitrile

Concen: 23.816 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

Tgt Ion: 41 Resp: 32729

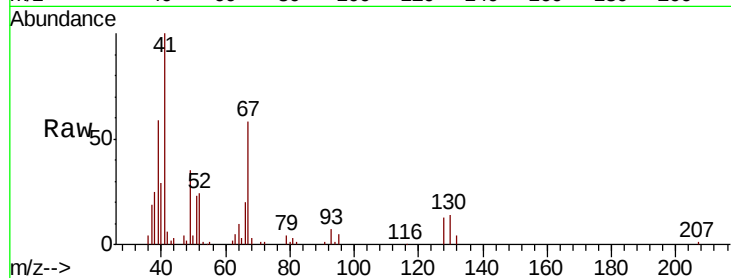
Ion Ratio Lower Upper

41 100

39 47.3 47.3 70.9

67 54.6 47.2 70.8

52 24.7 21.3 31.9



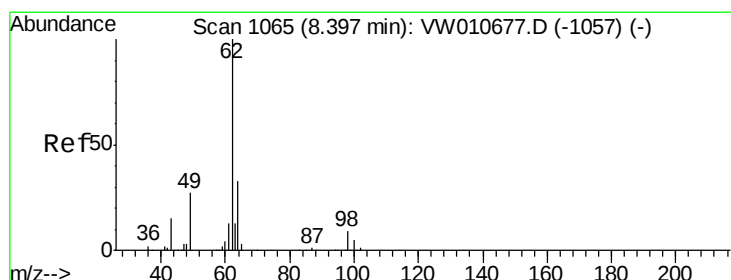
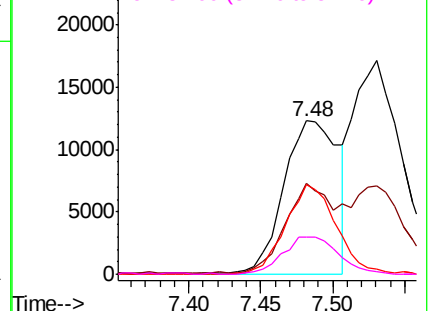
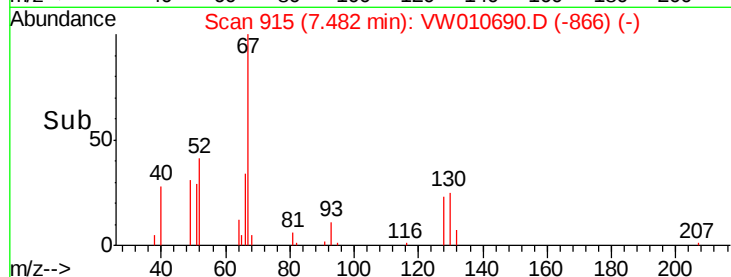
Abundance

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: 22.385 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW010690.D

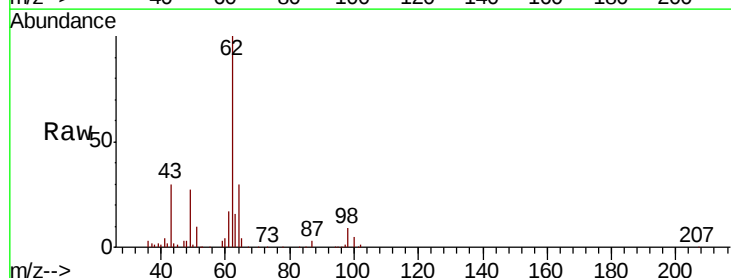
Acq: 05 Jun 2019 14:15

Tgt Ion: 62 Resp: 80864

Ion Ratio Lower Upper

62 100

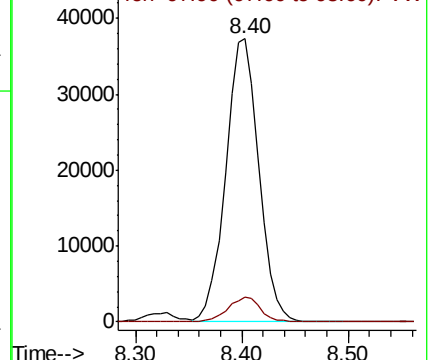
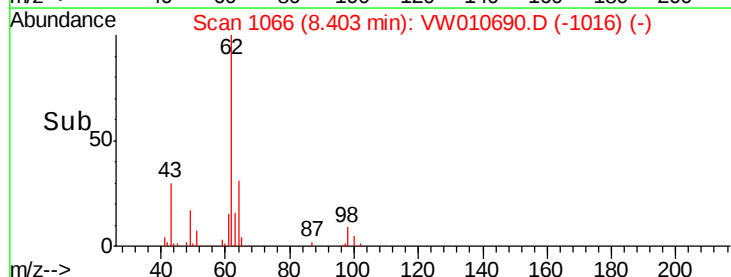
98 8.7 0.0 17.2

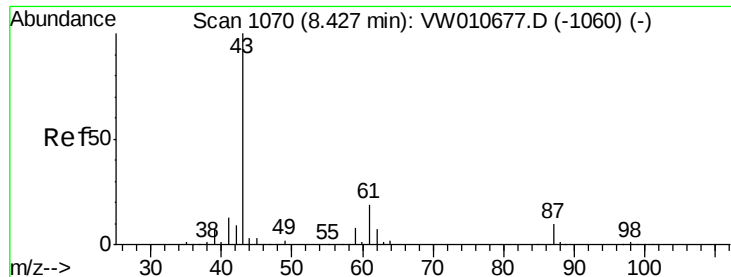


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.845 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBSD02

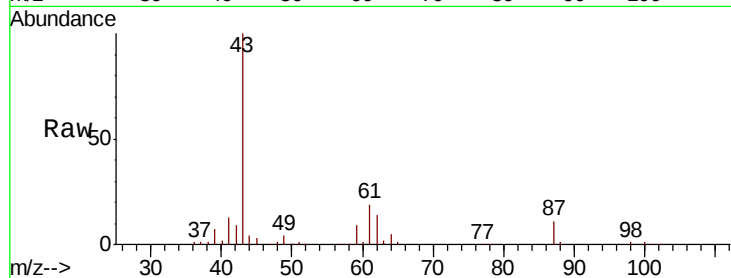
Tgt Ion: 43 Resp: 97574

Ion Ratio Lower Upper

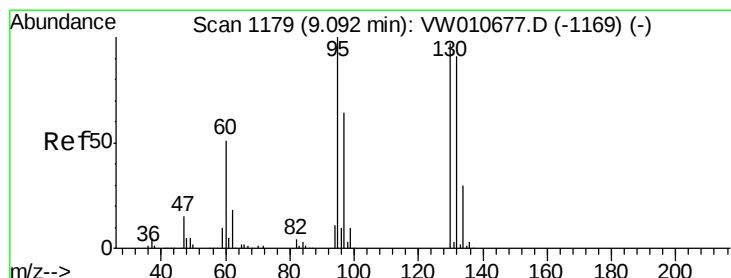
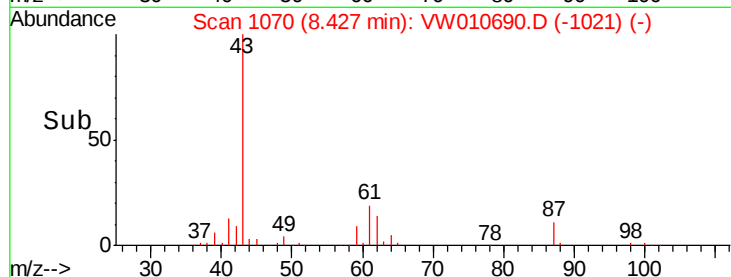
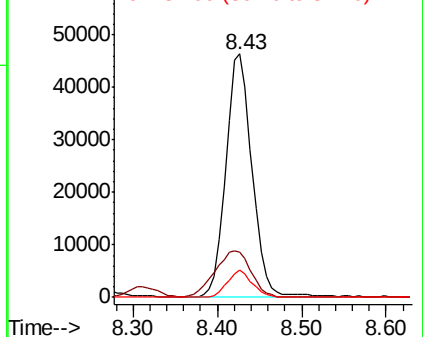
43 100

61 26.4 21.2 31.8

87 10.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.850 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010690.D

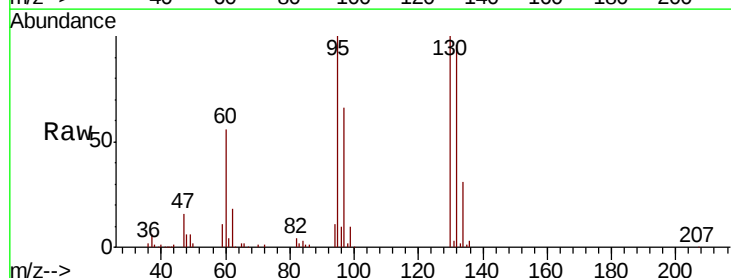
Acq: 05 Jun 2019 14:15

Tgt Ion: 130 Resp: 61346

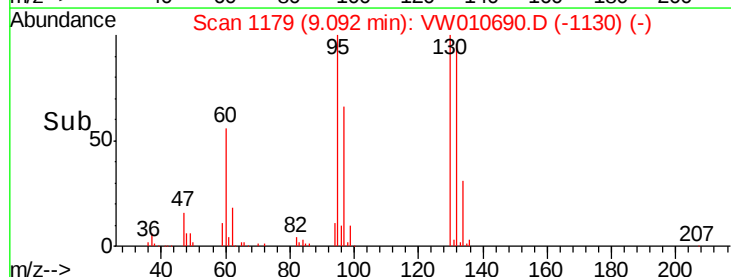
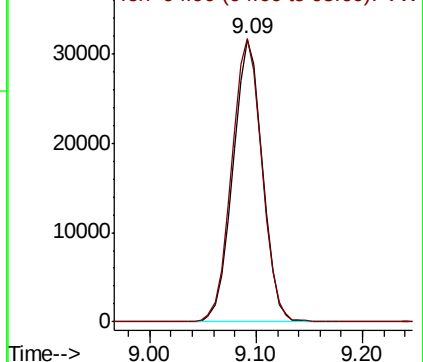
Ion Ratio Lower Upper

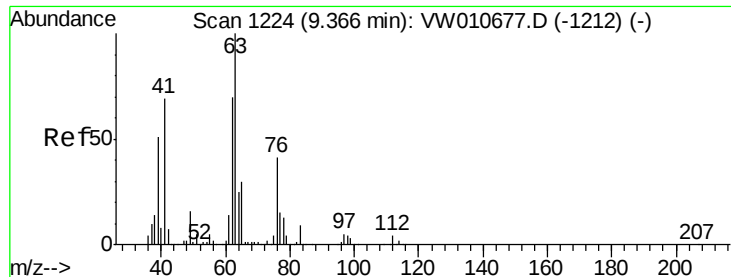
130 100

95 100.3 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: 22.257 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

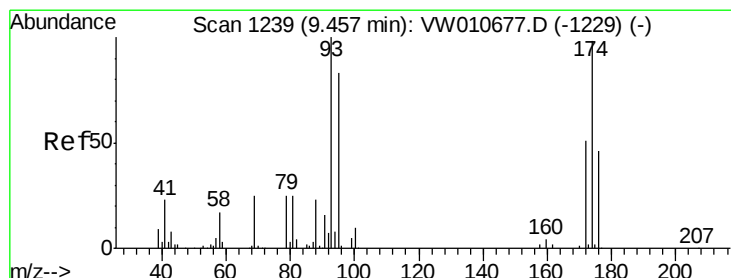
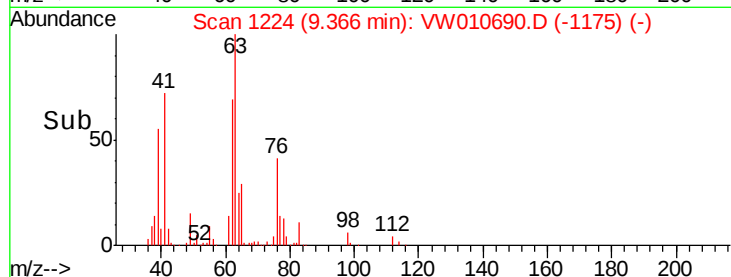
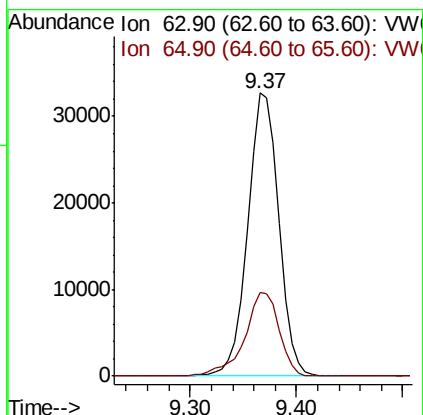
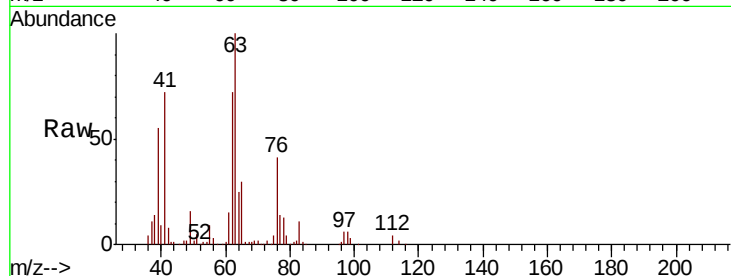
VW0605SBSD02

Tgt Ion: 63 Resp: 67059

Ion Ratio Lower Upper

63 100

65 29.6 23.8 35.6



#46

Dibromomethane

Concen: 21.611 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

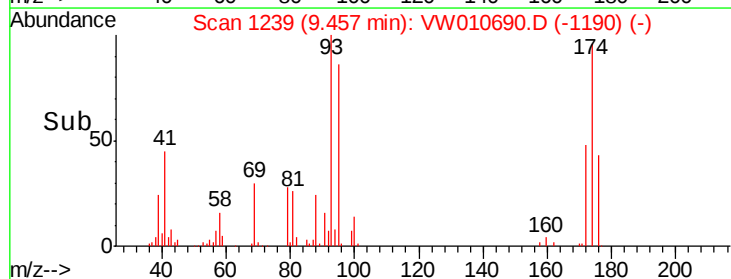
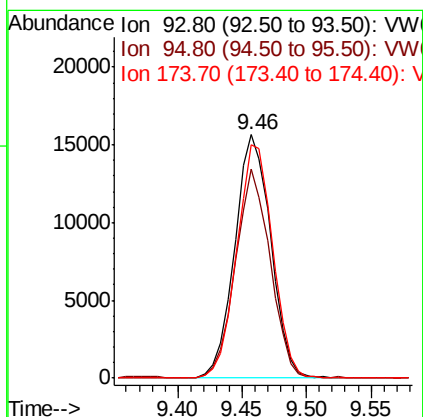
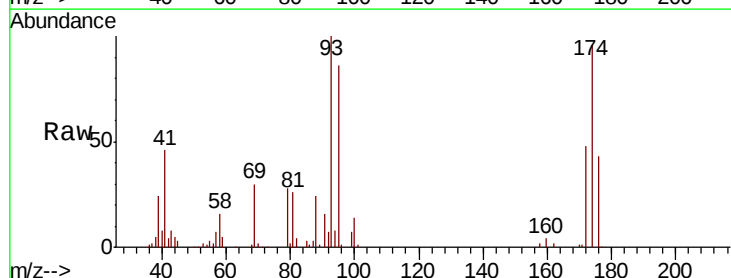
Tgt Ion: 93 Resp: 30243

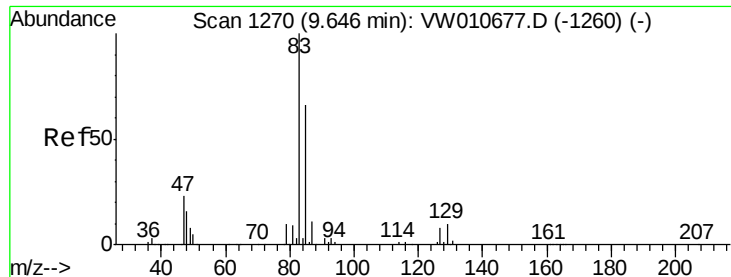
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

174 95.8 77.4 116.0

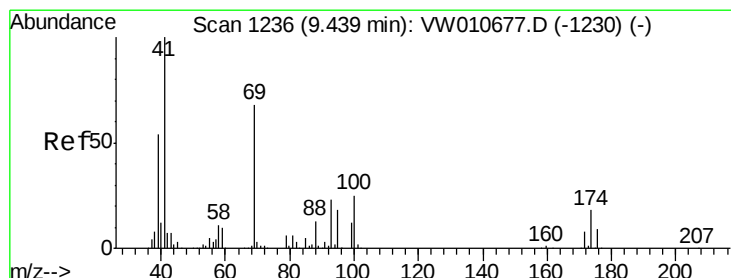
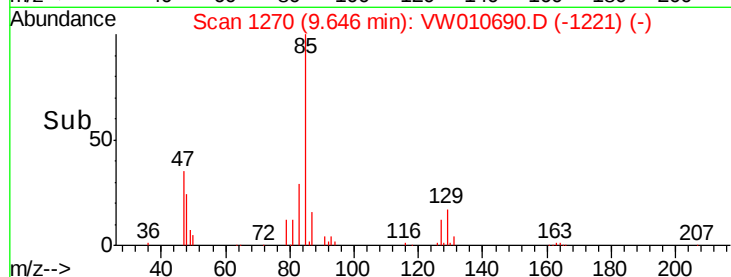
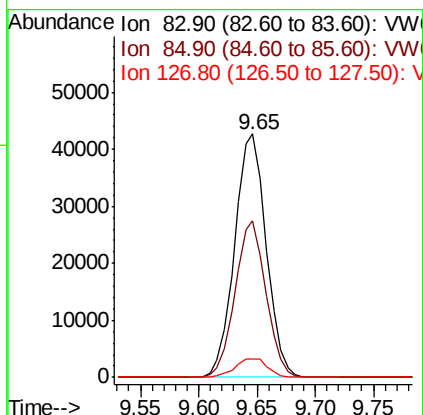
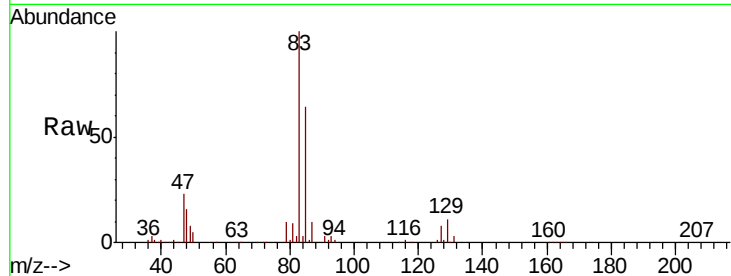




#47
 Bromodichloromethane
 Concen: 22.206 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

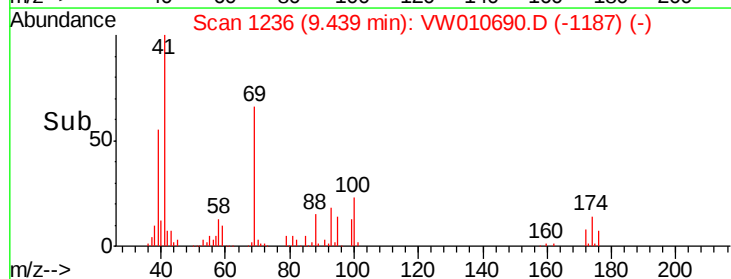
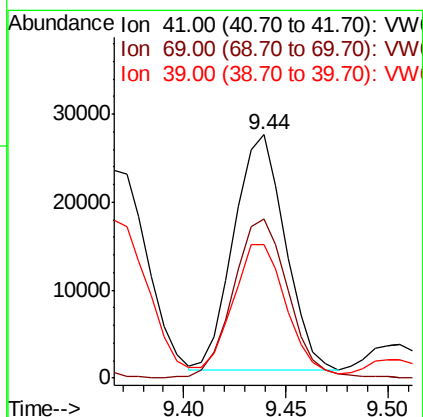
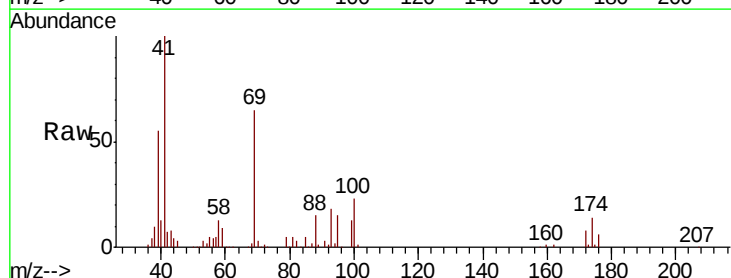
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBSD02

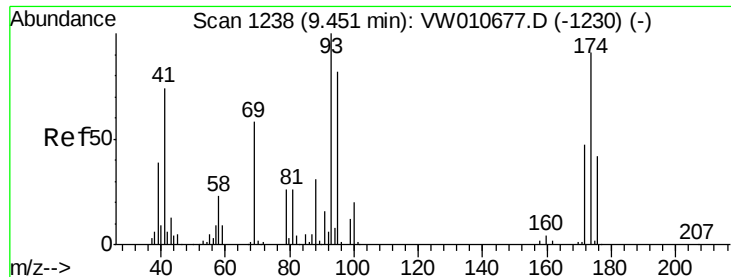
Tgt Ion: 83 Resp: 80554
 Ion Ratio Lower Upper
 83 100
 85 64.1 53.0 79.4
 127 7.7 6.4 9.6



#48
 Methyl methacrylate
 Concen: 21.771 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion: 41 Resp: 46884
 Ion Ratio Lower Upper
 41 100
 69 73.0 56.6 85.0
 39 55.9 44.4 66.6





#49

1,4-Dioxane

Concen: 451.110 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

VW0605SBSD02

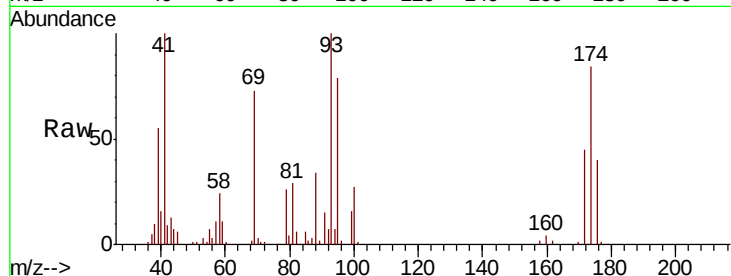
Tgt Ion: 88 Resp: 9870

Ion Ratio Lower Upper

88 100

43 40.7 34.2 51.4

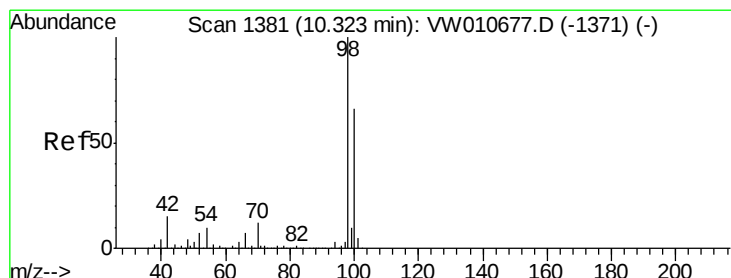
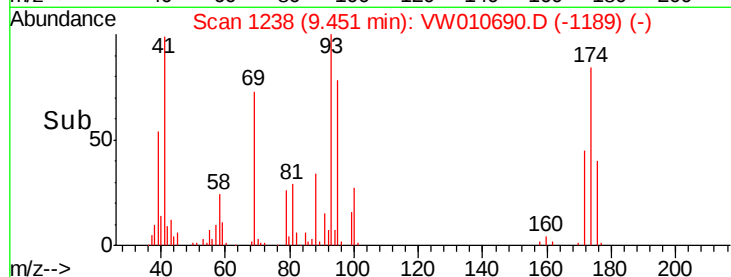
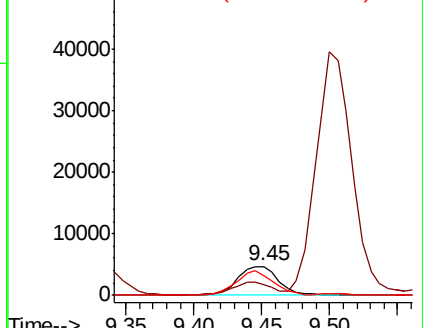
58 78.2 69.0 103.4



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.441 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010690.D

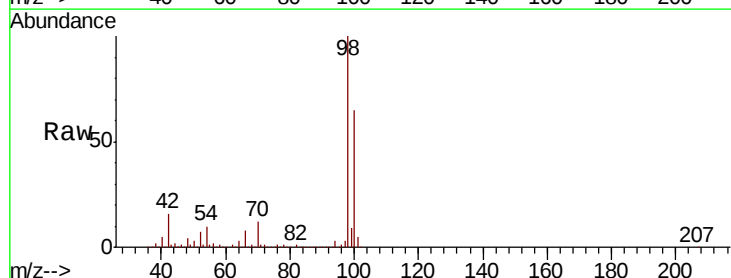
Acq: 05 Jun 2019 14:15

Tgt Ion: 98 Resp: 508744

Ion Ratio Lower Upper

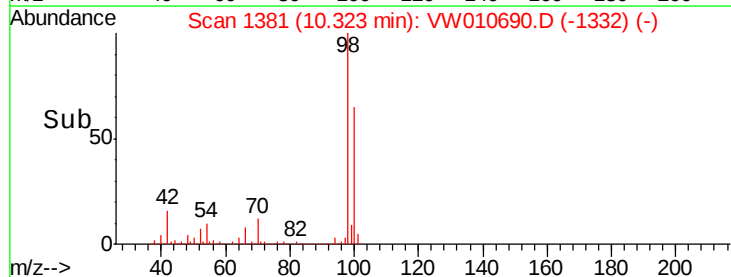
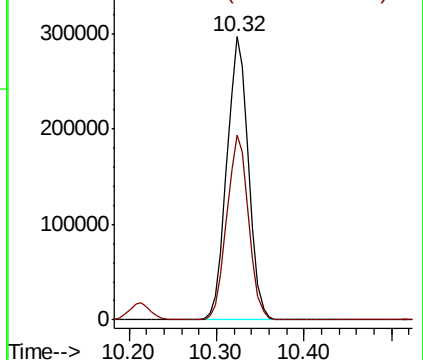
98 100

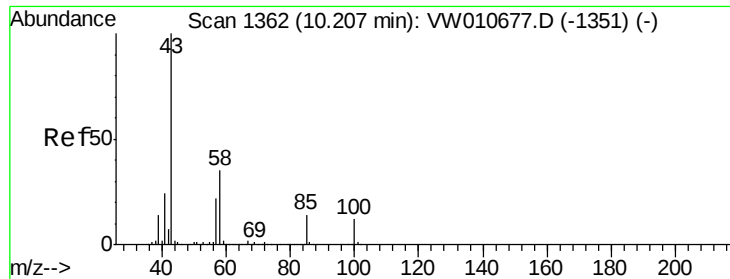
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

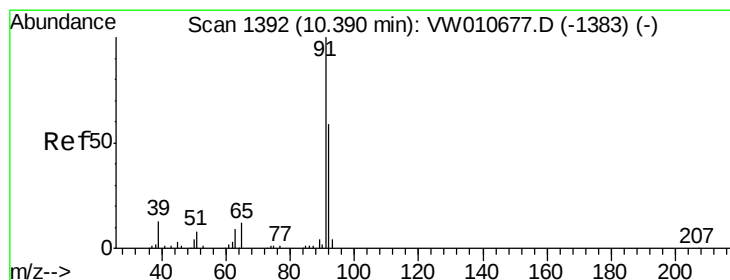
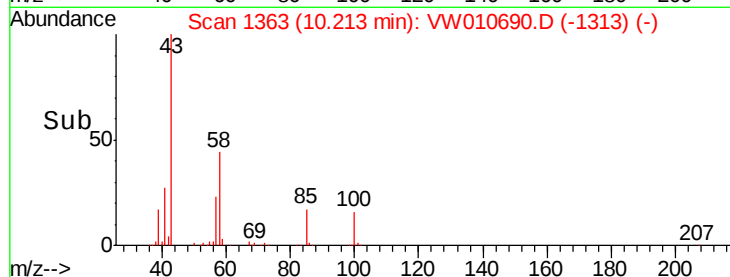
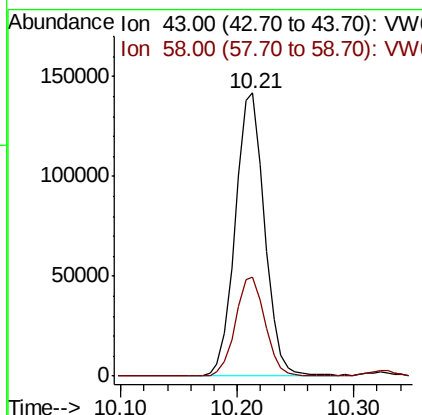
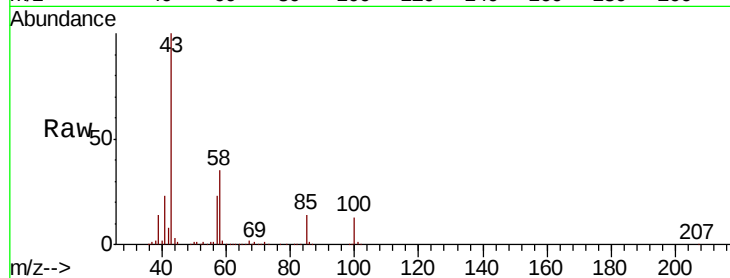




#51
 4-Methyl-2-Pentanone
 Concen: 109.096 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

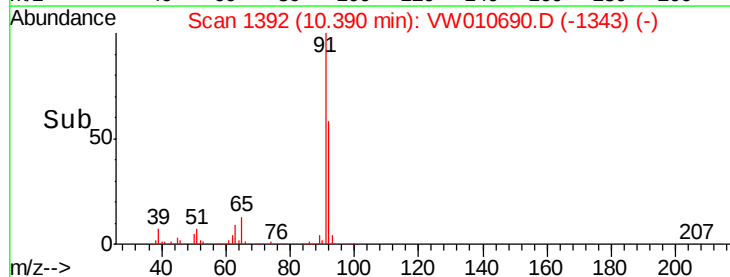
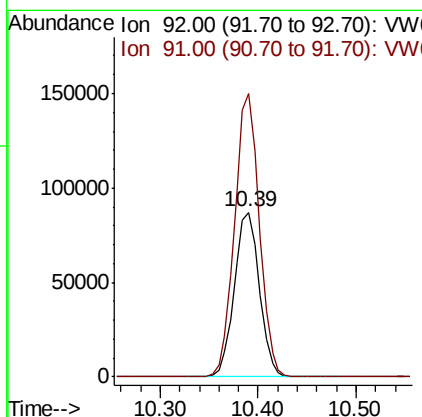
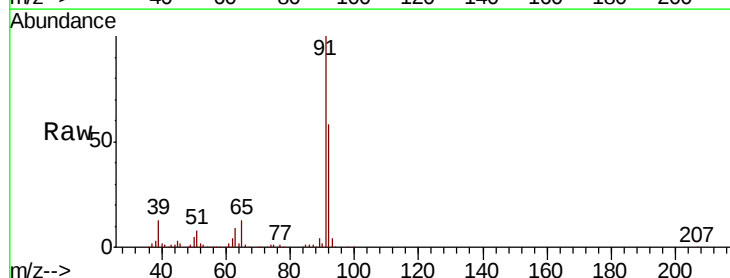
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBSD02

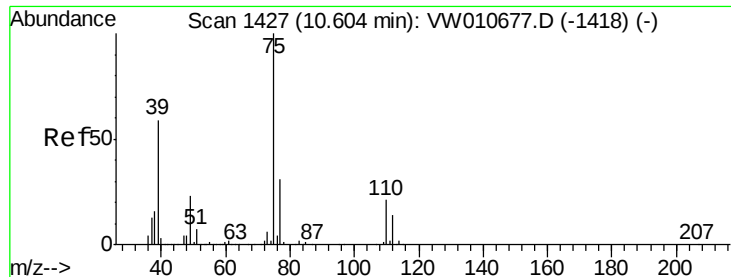
Tgt Ion: 43 Resp: 248939
 Ion Ratio Lower Upper
 43 100
 58 35.5 28.4 42.6



#52
 Toluene
 Concen: 22.083 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion: 92 Resp: 154649
 Ion Ratio Lower Upper
 92 100
 91 170.0 134.9 202.3

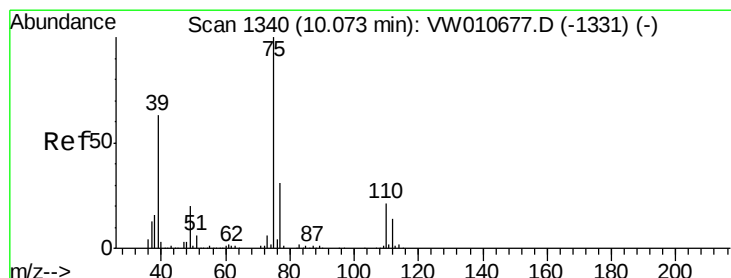
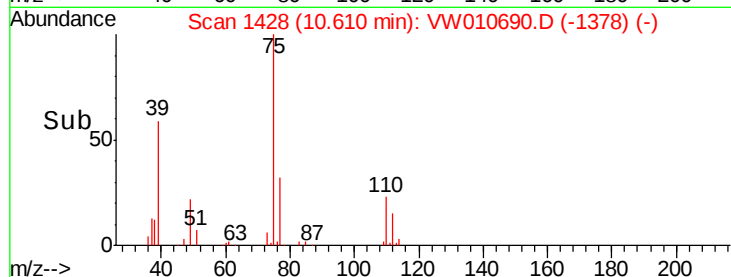
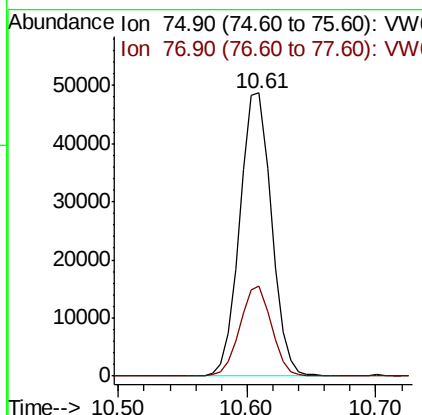
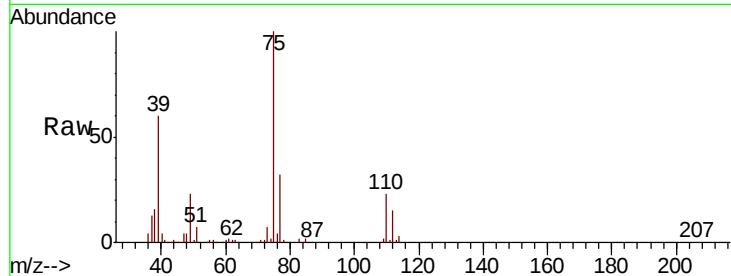




#53
t-1,3-Dichloropropene
Concen: 21.635 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.01 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

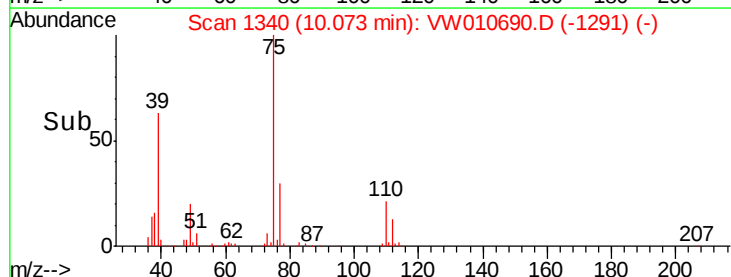
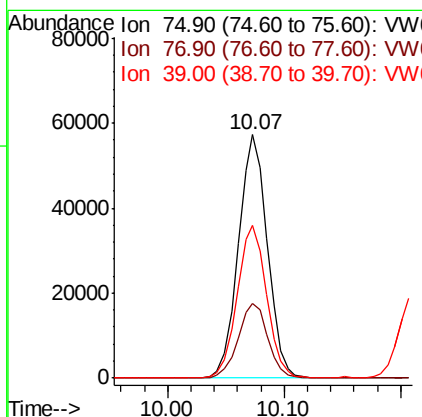
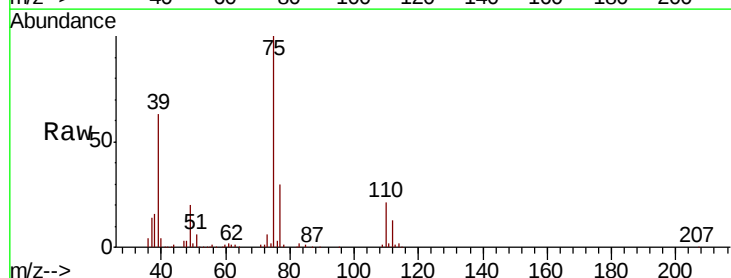
Instrument :
MSVOA_W
ClientSampled :
VW0605SBSD02

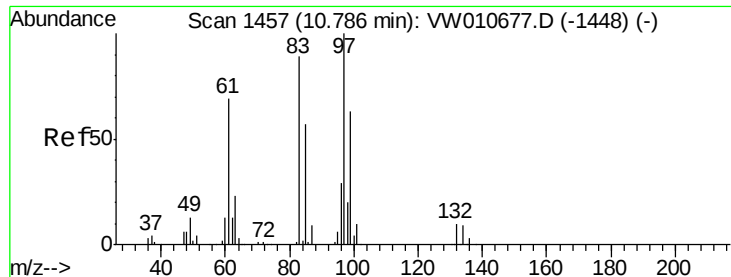
Tgt Ion: 75 Resp: 83129
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 21.942 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 75 Resp: 99206
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8
39 62.5 50.1 75.1

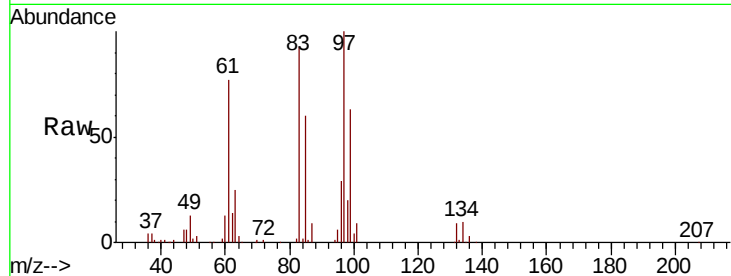




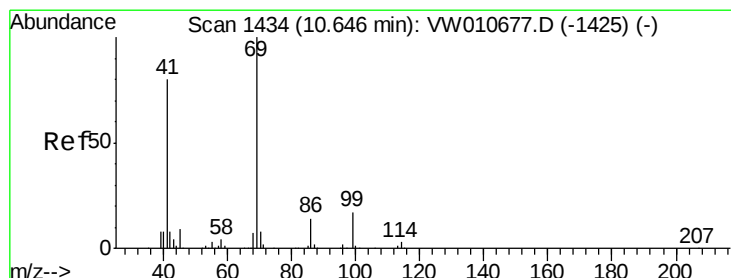
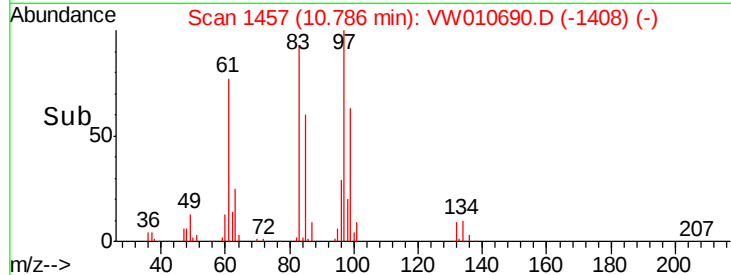
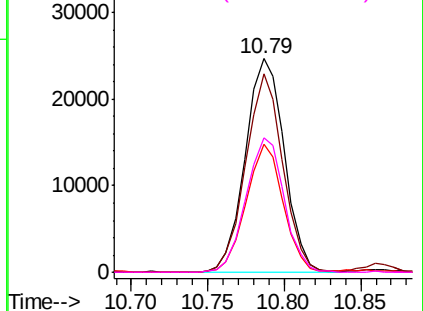
#55
 1,1,2-Trichloroethane
 Concen: 21.712 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBSD02

Tgt Ion: 97 Resp: 43772
 Ion Ratio Lower Upper
 97 100
 83 93.2 71.1 106.7
 85 60.2 45.2 67.8
 99 62.8 50.0 75.0

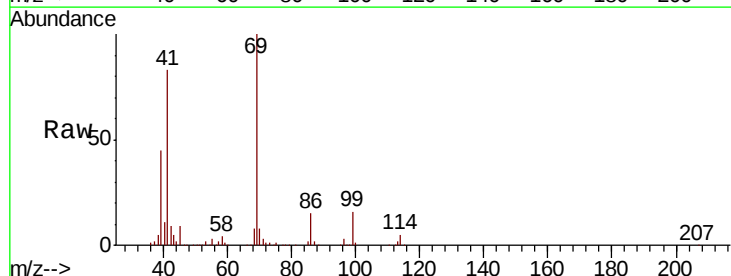


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

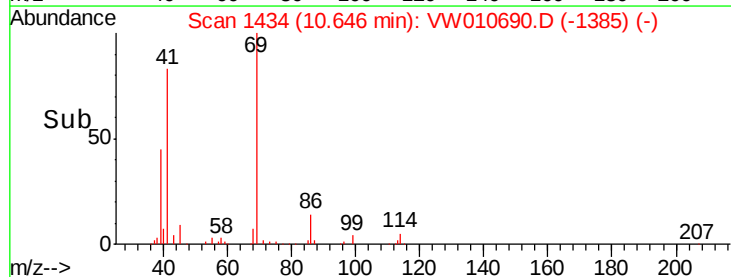
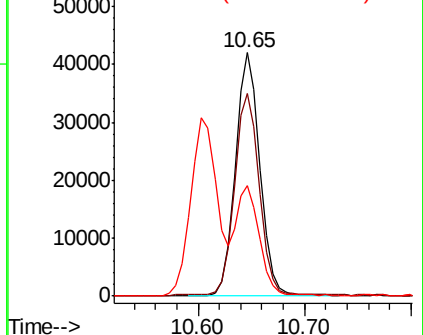


#56
 Ethyl methacrylate
 Concen: 21.864 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion: 69 Resp: 67826
 Ion Ratio Lower Upper
 69 100
 41 85.1 64.8 97.2
 39 43.3 32.2 48.2



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

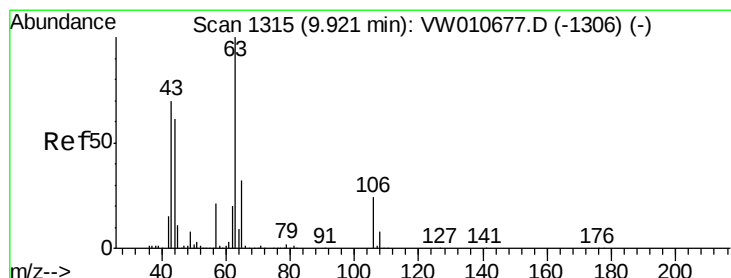
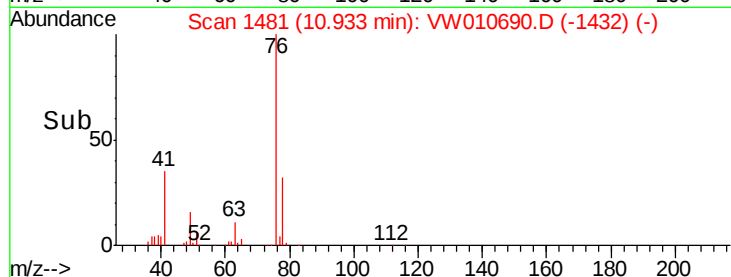
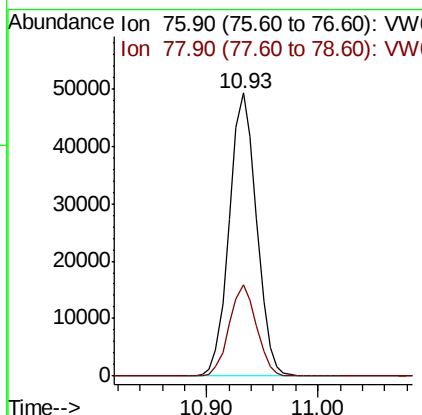
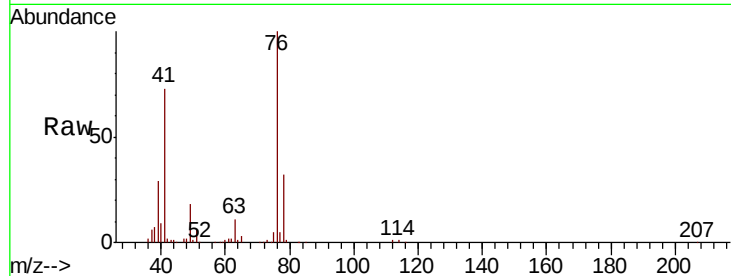




#57
 1,3-Dichloropropane
 Concen: 21.946 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

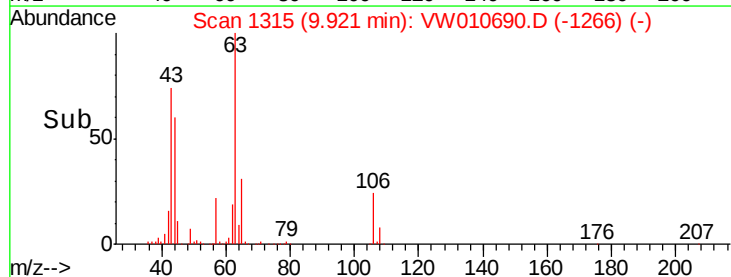
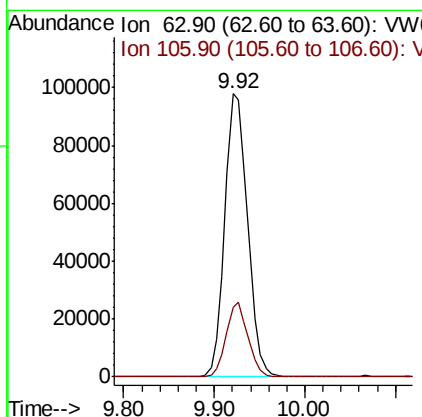
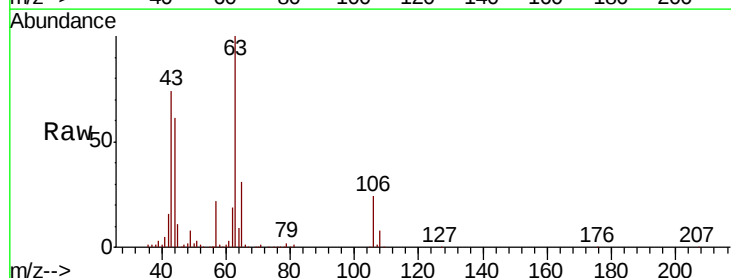
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBSD02

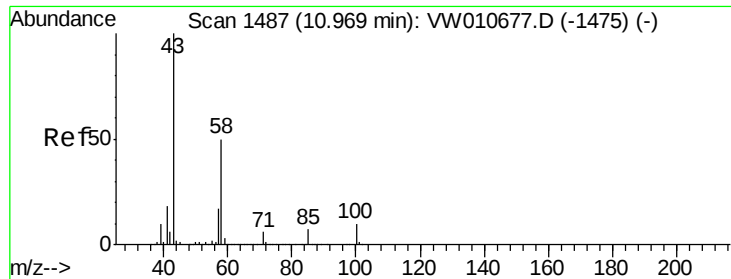
Tgt Ion: 76 Resp: 83379
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.261 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion: 63 Resp: 171029
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.1 30.1

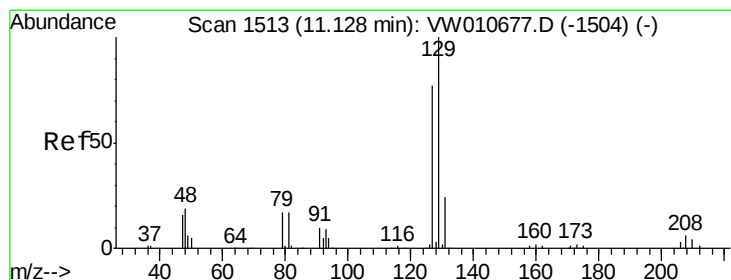
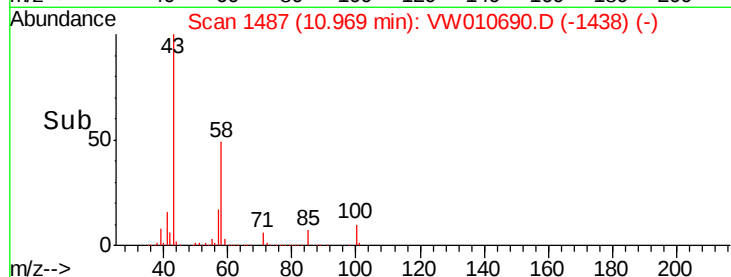
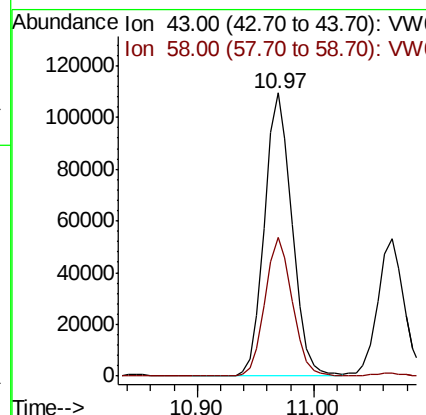
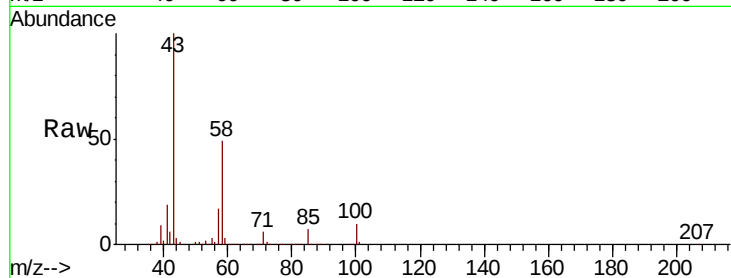




#59
2-Hexanone
Concen: 108.897 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

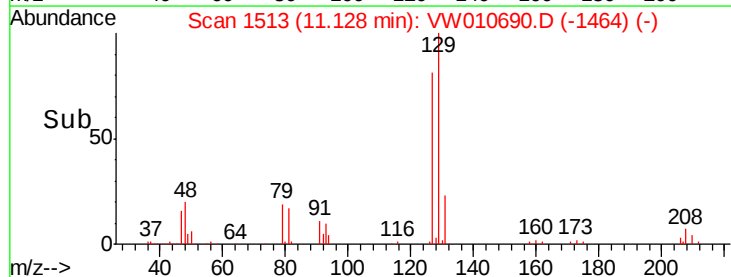
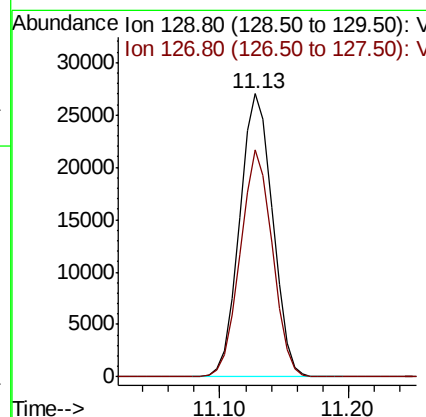
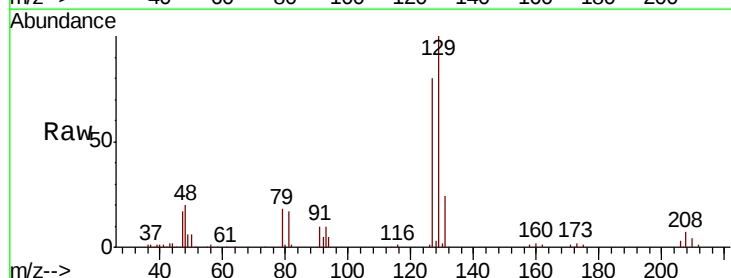
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBSD02

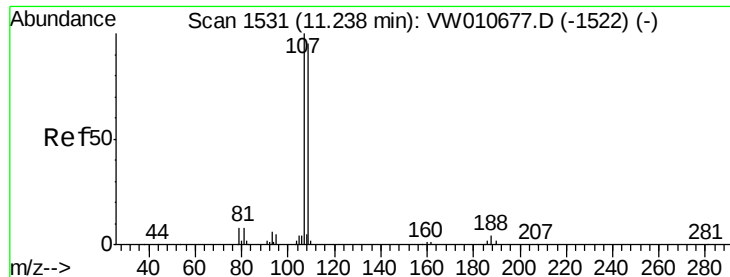
Tgt Ion: 43 Resp: 179586
Ion Ratio Lower Upper
43 100
58 48.8 24.9 74.6



#60
Dibromochloromethane
Concen: 21.420 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 129 Resp: 47869
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.606 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

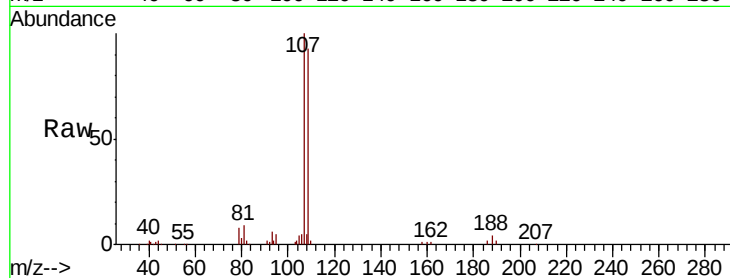
VW0605SBSD02

Tgt Ion: 107 Resp: 41270

Ion Ratio Lower Upper

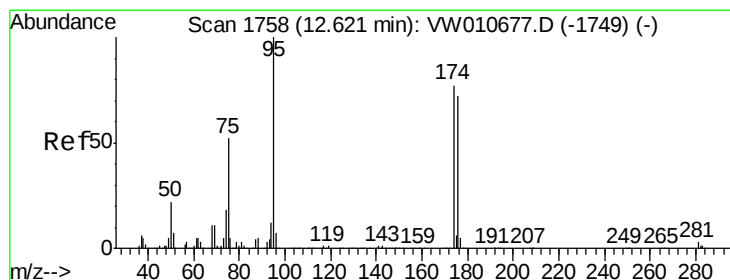
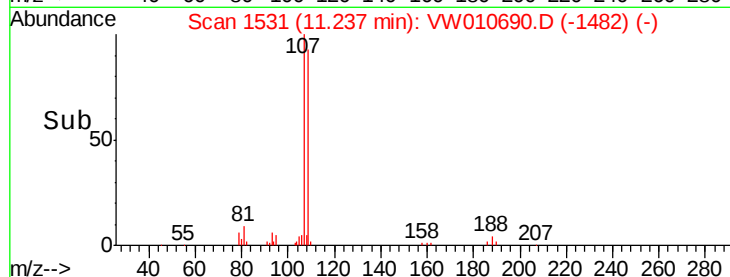
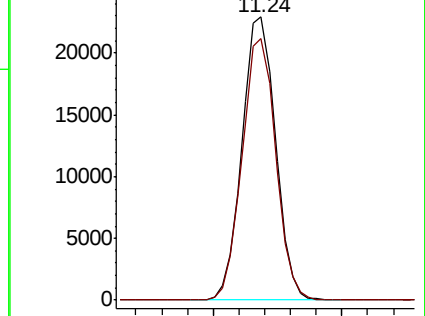
107 100

109 92.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.070 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

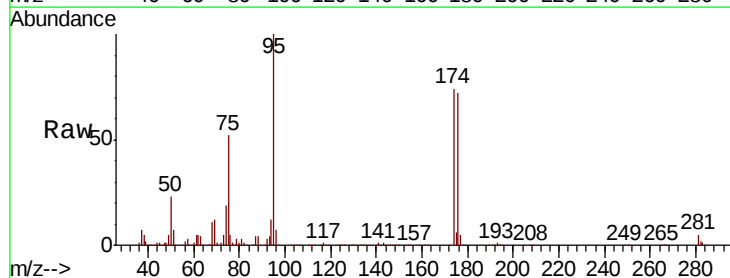
Tgt Ion: 95 Resp: 187344

Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.4

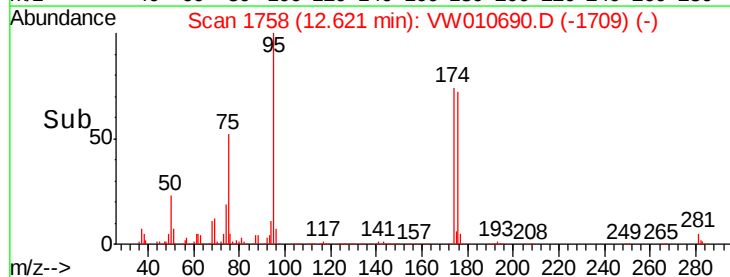
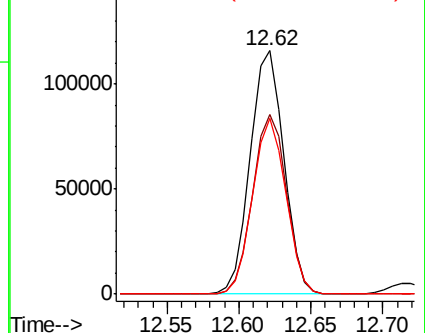
176 71.2 0.0 144.8

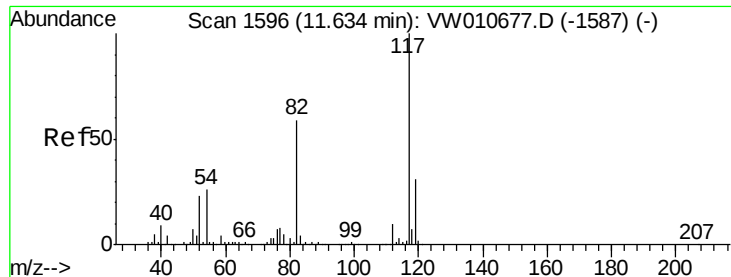


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

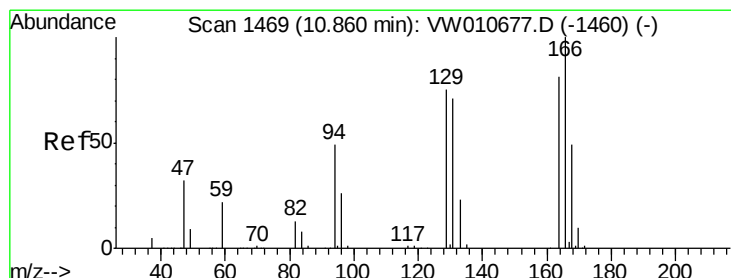
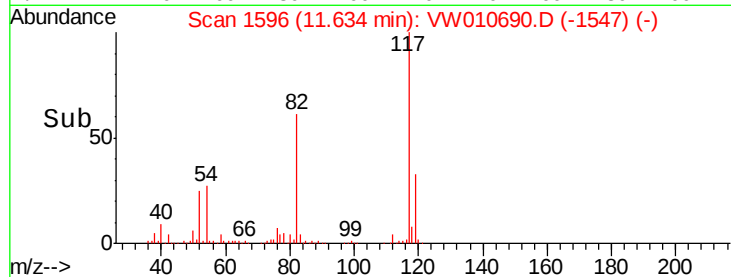
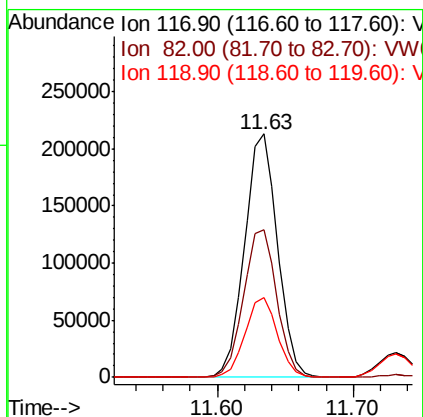
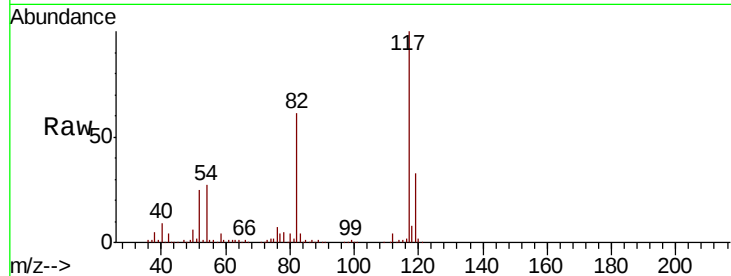




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

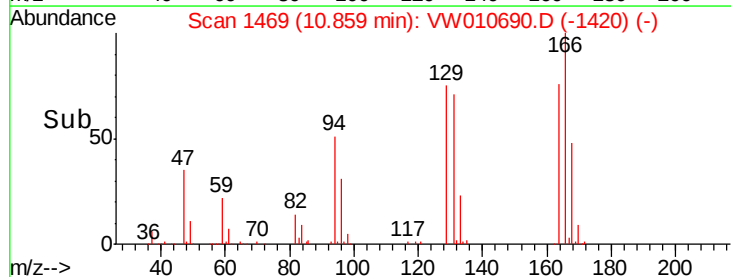
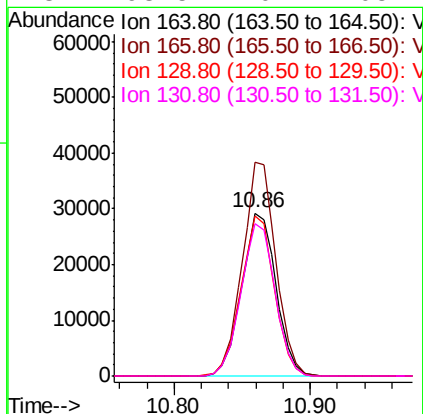
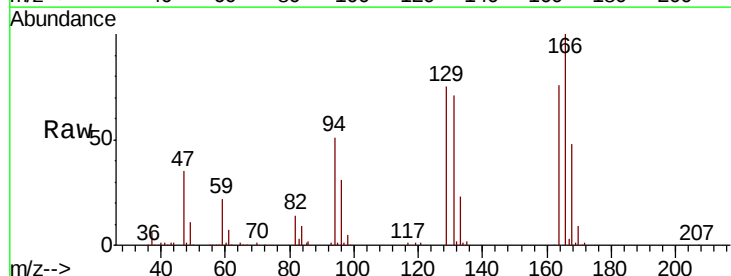
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBSD02

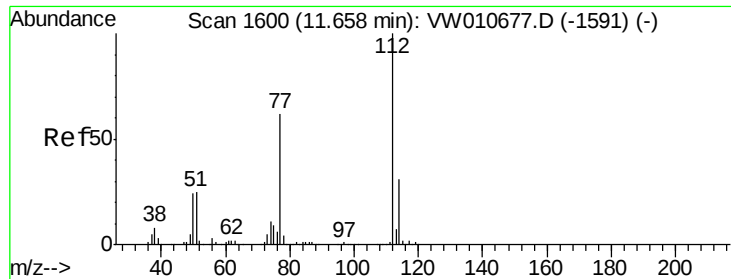
Tgt Ion:117 Resp: 360045
Ion Ratio Lower Upper
117 100
82 60.8 47.0 70.4
119 32.9 25.1 37.7



#64
Tetrachloroethene
Concen: 21.498 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion:164 Resp: 51392
Ion Ratio Lower Upper
164 100
166 131.4 99.2 148.8
129 98.1 74.6 112.0
131 93.5 70.2 105.4

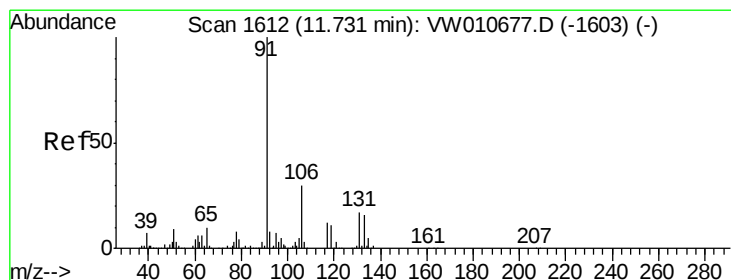
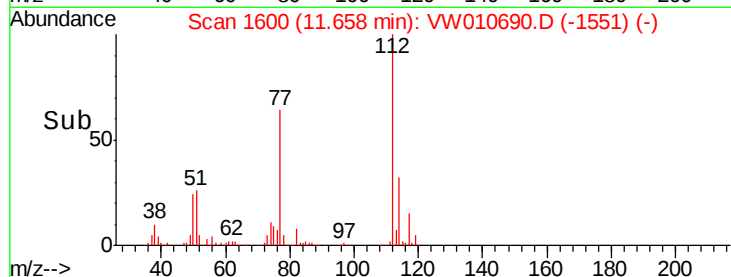
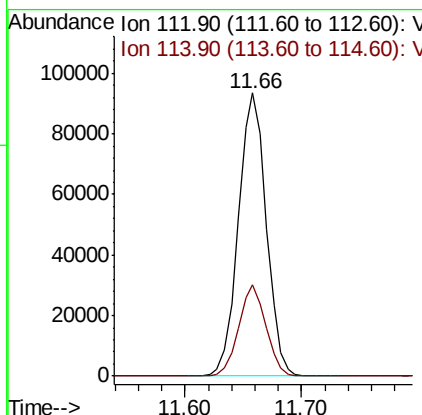
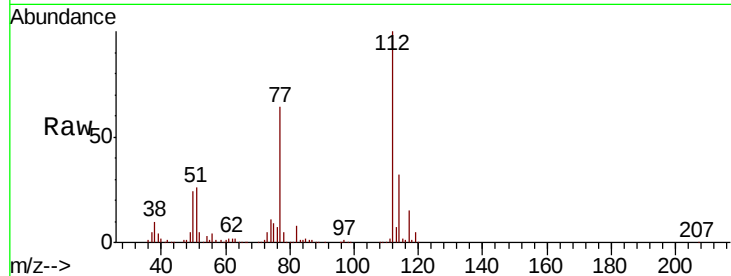




#65
Chlorobenzene
Concen: 22.031 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

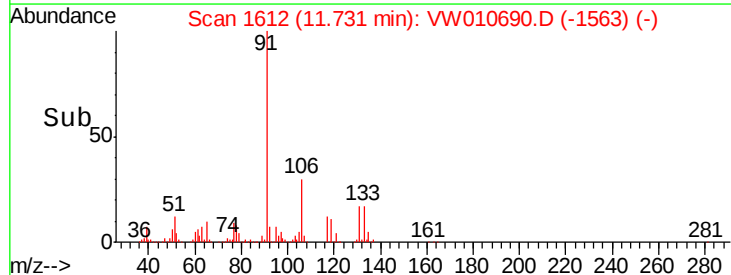
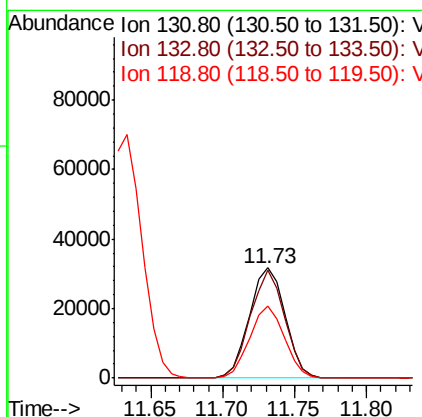
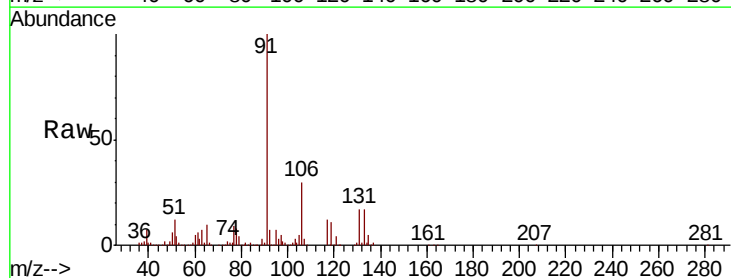
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

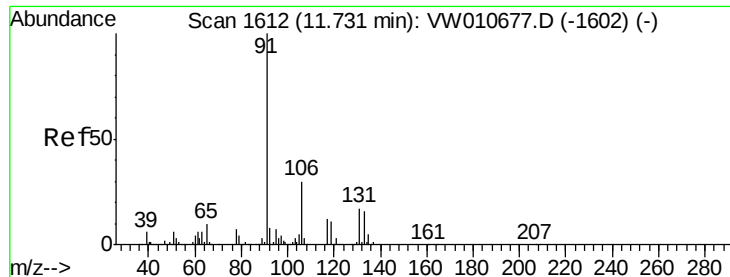
Tgt Ion:112 Resp: 155986
Ion Ratio Lower Upper
112 100
114 32.1 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.128 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion:131 Resp: 54234
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 63.6 32.4 97.0

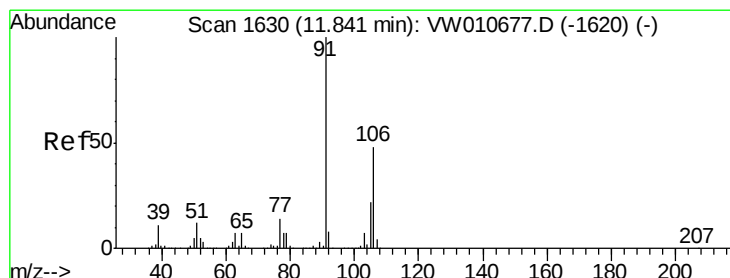
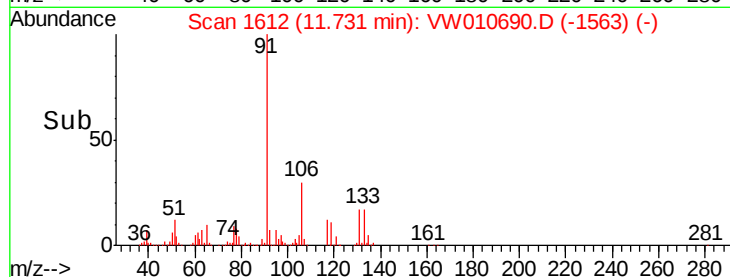
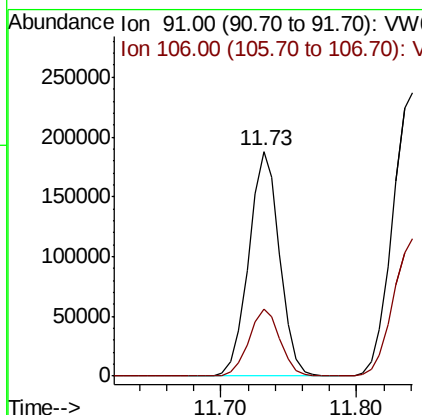
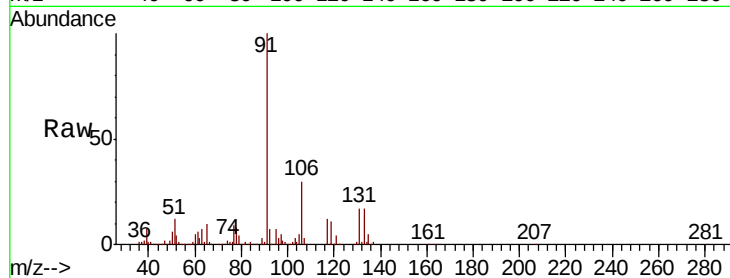




#67
Ethyl Benzene
Concen: 21.895 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

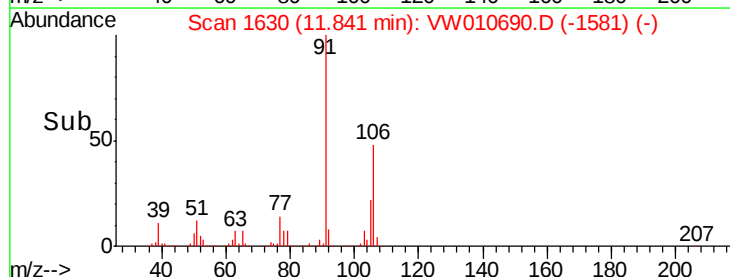
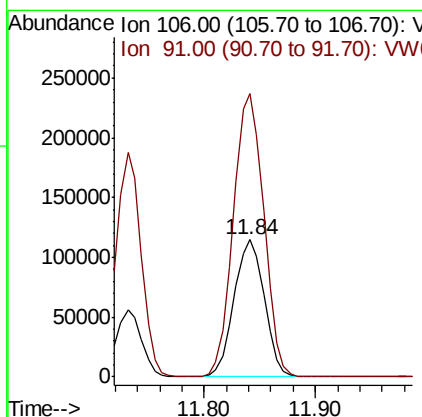
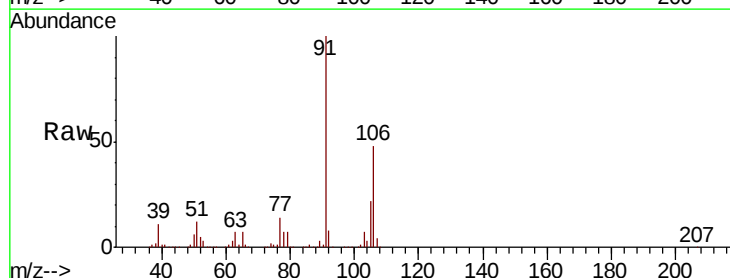
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBSD02

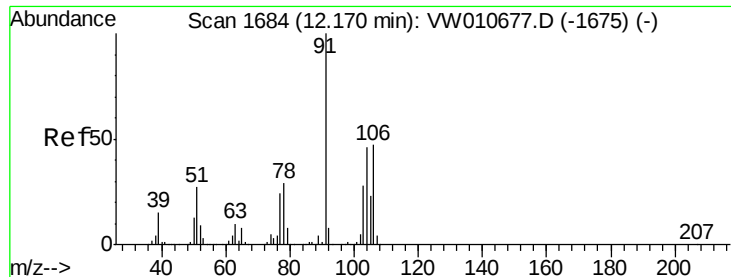
Tgt Ion: 91 Resp: 297925
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.4



#68
m/p-Xylenes
Concen: 44.313 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion: 106 Resp: 215848
Ion Ratio Lower Upper
106 100
91 207.6 166.5 249.7

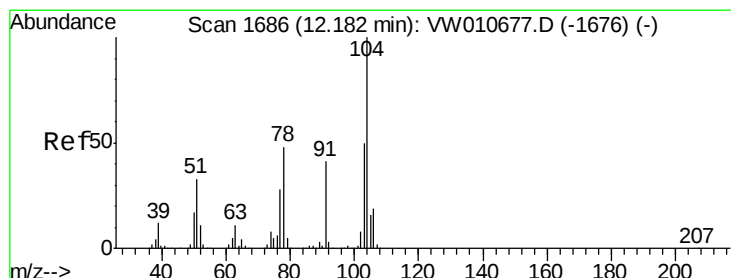
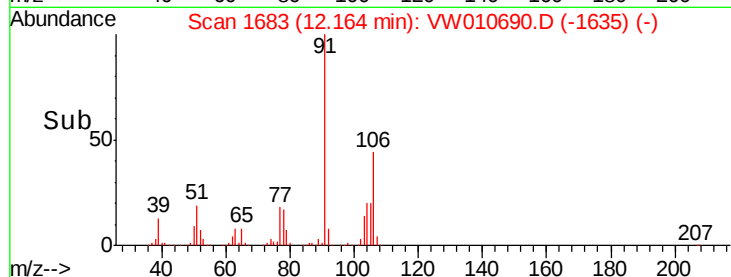
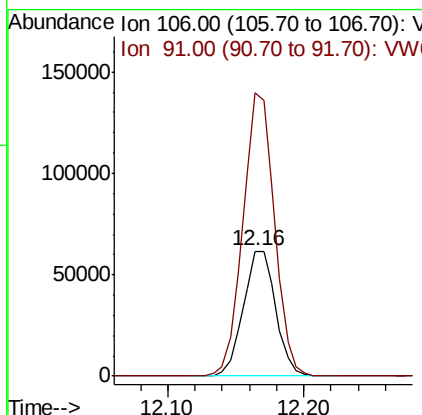
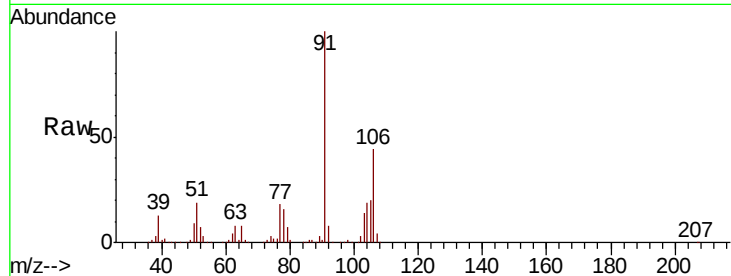




#69
o-Xylene
Concen: 22.148 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

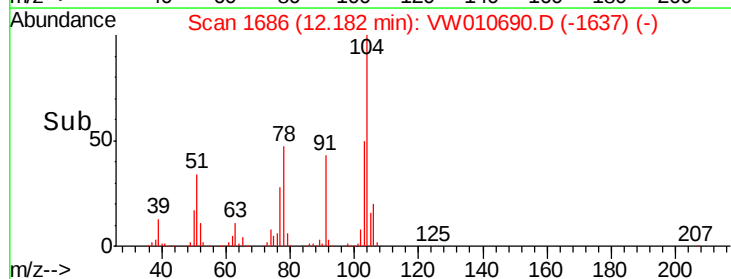
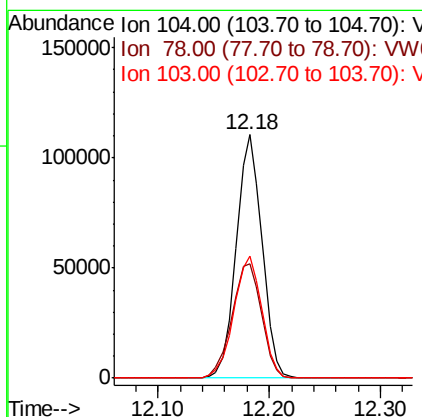
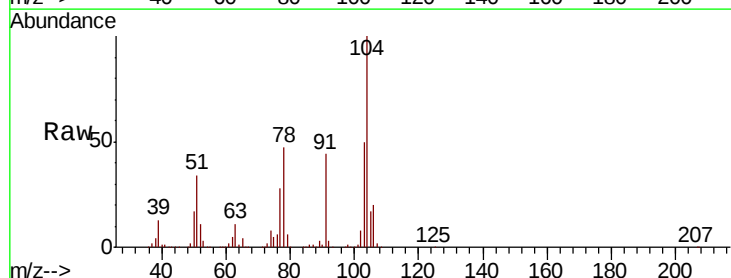
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBSD02

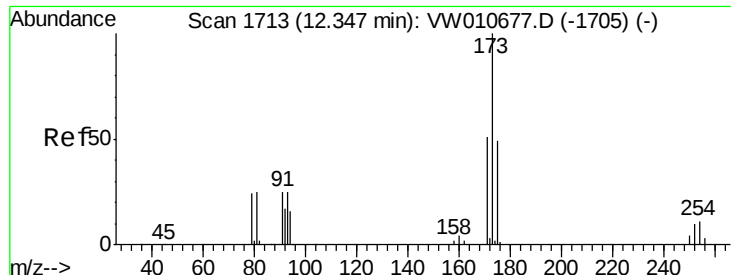
Tgt Ion:106 Resp: 102319
Ion Ratio Lower Upper
106 100
91 221.6 108.9 326.6



#70
Styrene
Concen: 22.005 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion:104 Resp: 176595
Ion Ratio Lower Upper
104 100
78 54.1 42.7 64.1
103 54.5 43.6 65.4





#71

Bromoform

Concen: 21.308 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBSD02

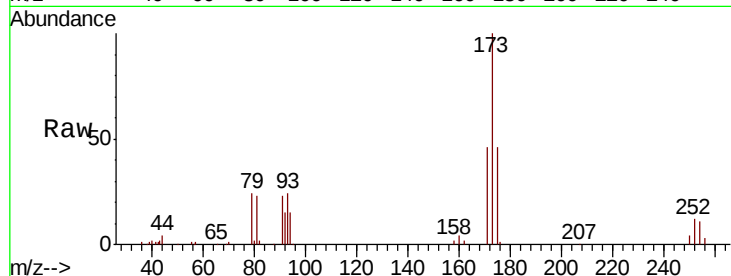
Tgt Ion:173 Resp: 27010

Ion Ratio Lower Upper

173 100

175 47.1 24.3 72.8

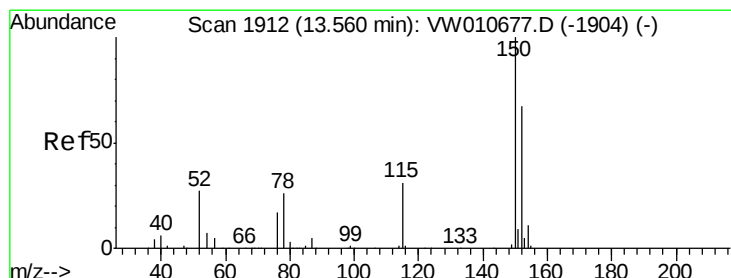
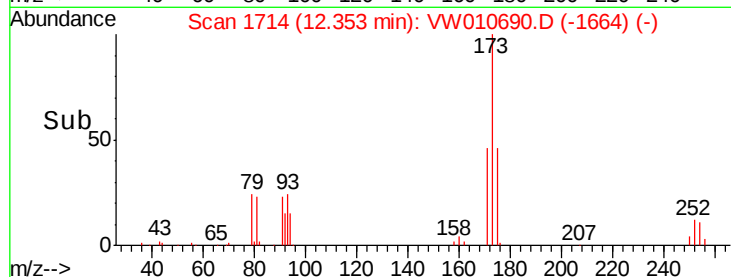
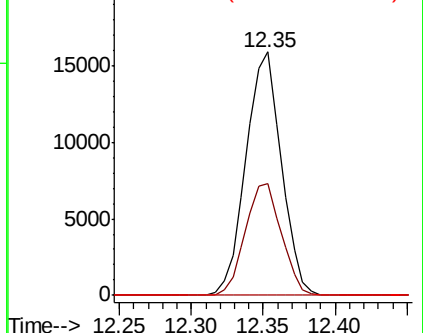
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

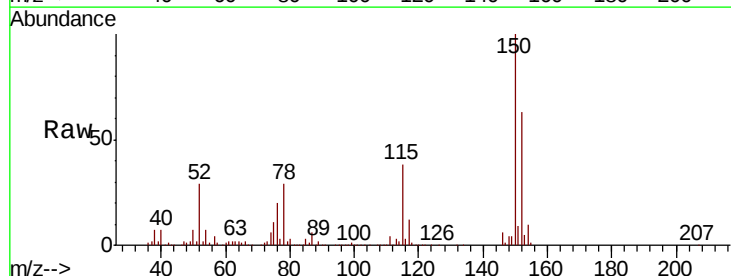
Tgt Ion:152 Resp: 175257

Ion Ratio Lower Upper

152 100

115 59.6 29.8 89.3

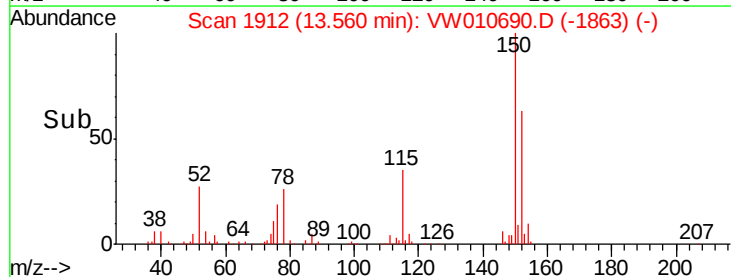
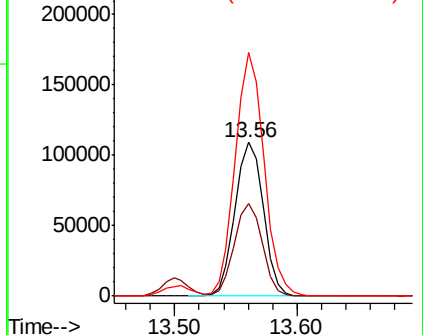
150 161.4 0.0 345.0

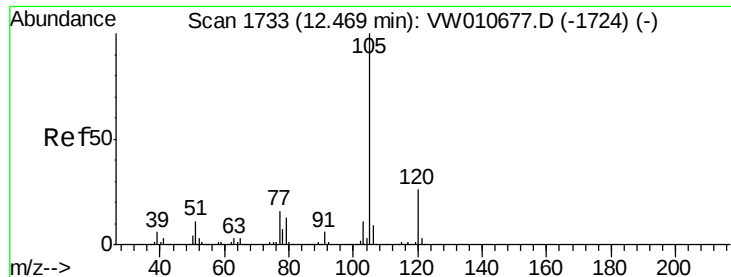


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.556 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

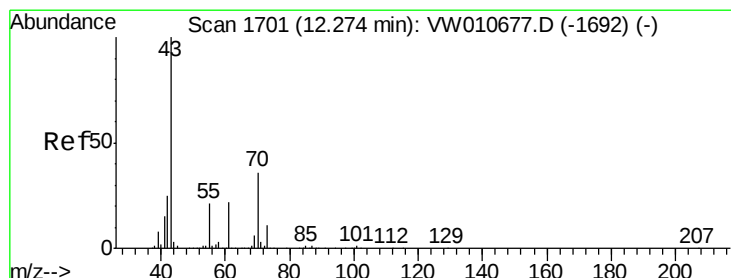
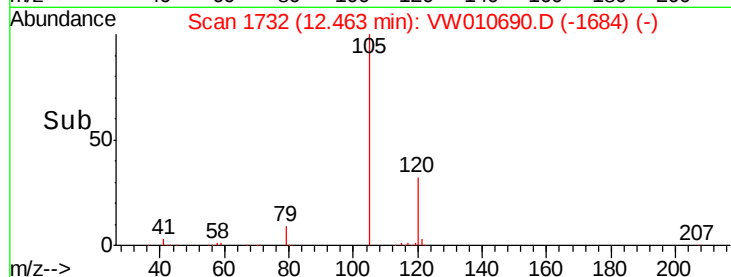
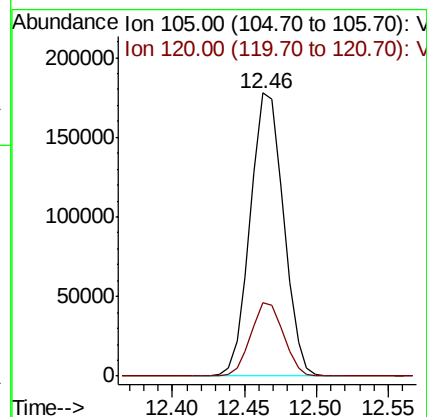
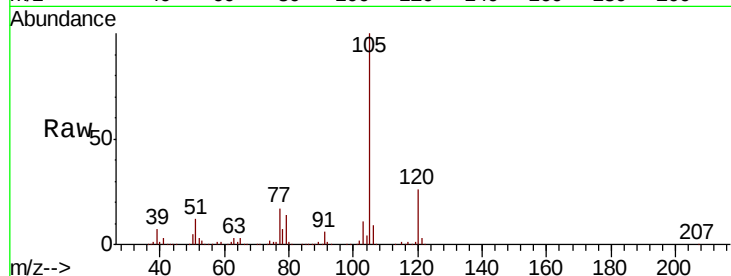
VW0605SBSD02

Tgt Ion:105 Resp: 283888

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 21.715 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Tgt Ion: 43 Resp: 92426

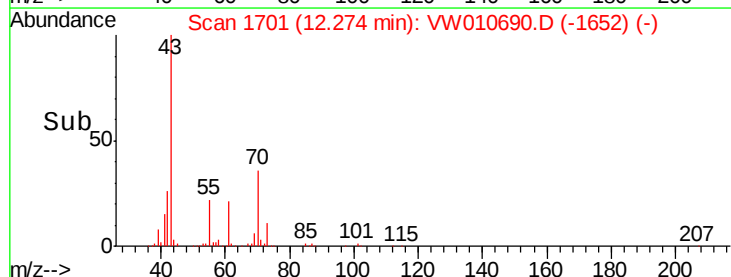
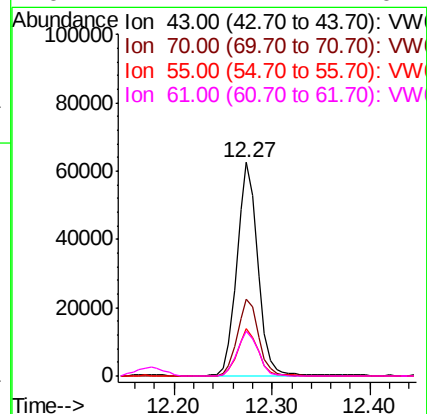
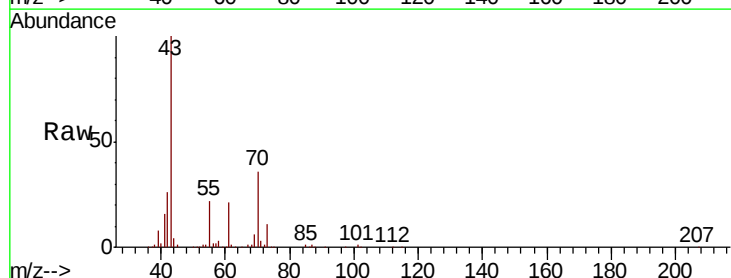
Ion Ratio Lower Upper

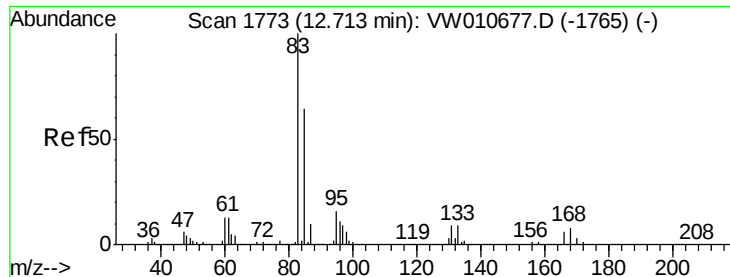
43 100

70 36.8 29.2 43.8

55 22.1 17.5 26.3

61 21.4 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.253 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBSD02

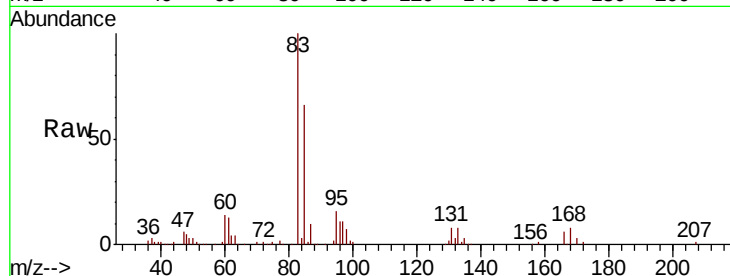
Tgt Ion: 83 Resp: 53286

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

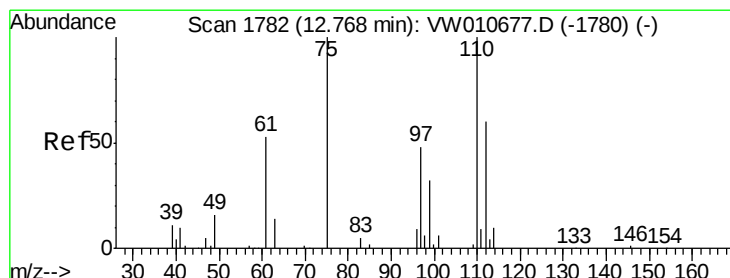
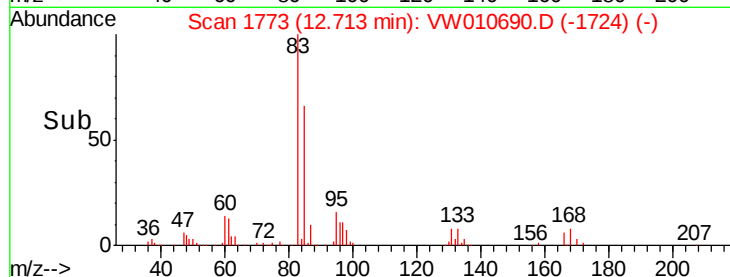
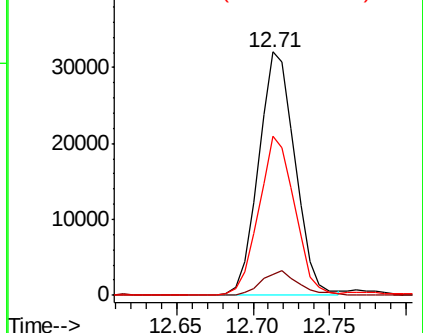
85 64.2 31.9 95.9



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: 38.066 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010690.D

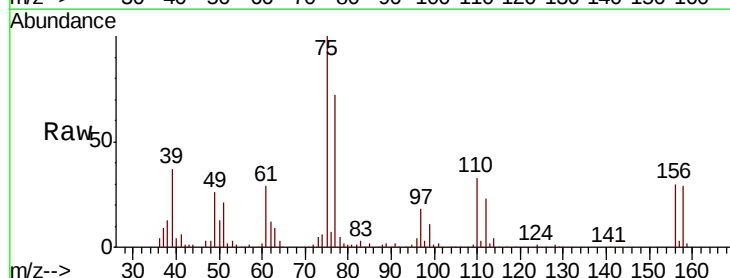
Acq: 05 Jun 2019 14:15

Tgt Ion: 75 Resp: 70058

Ion Ratio Lower Upper

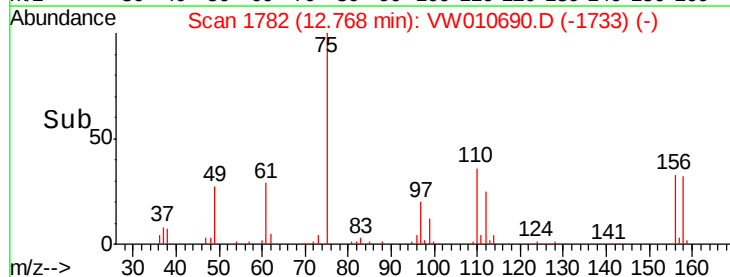
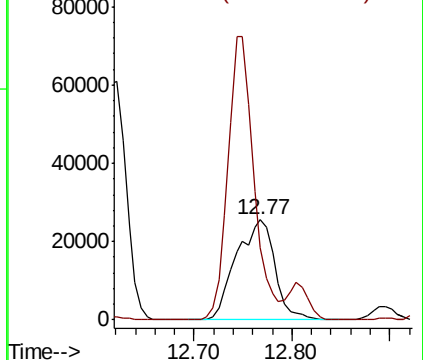
75 100

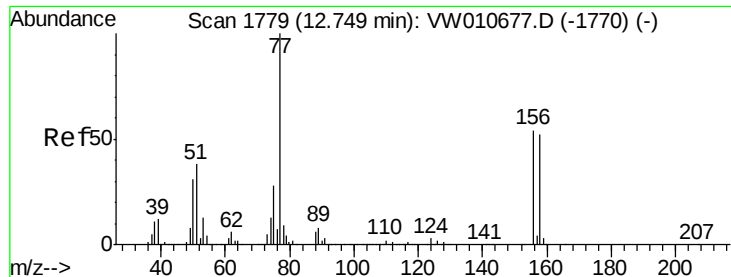
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.444 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBSD02

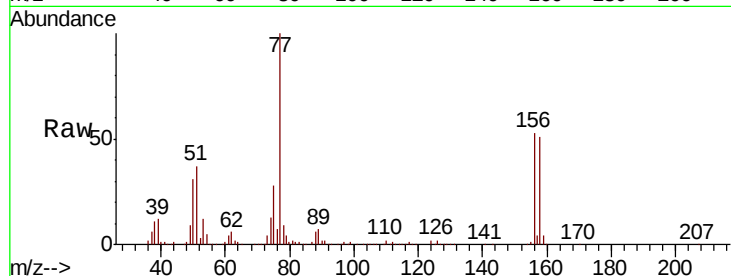
Tgt Ion:156 Resp: 61647

Ion Ratio Lower Upper

156 100

77 216.0 106.5 319.4

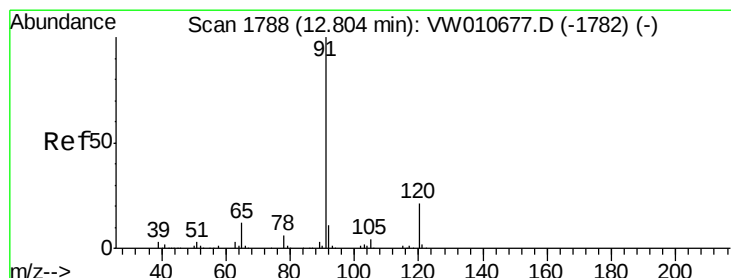
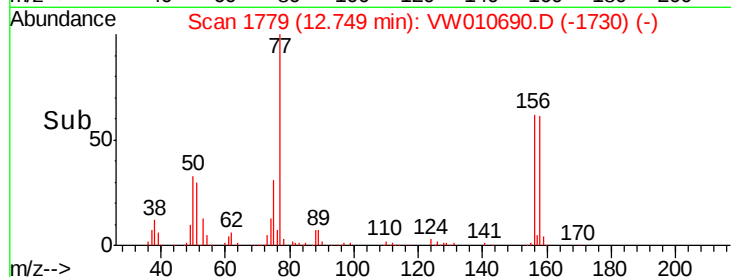
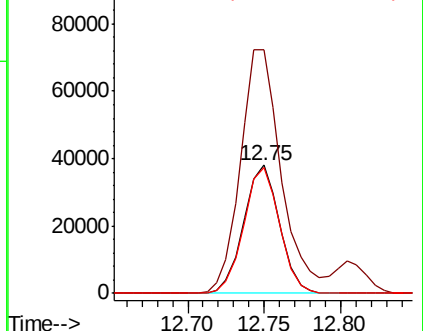
158 98.3 48.3 144.9



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: 21.695 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010690.D

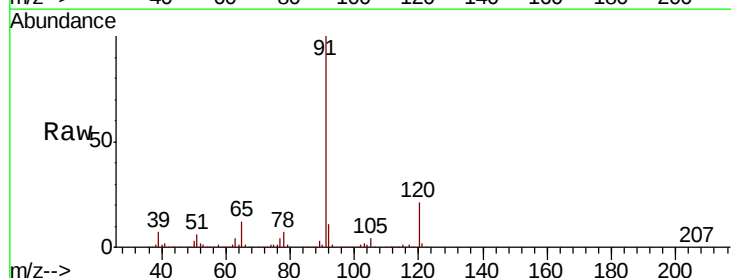
Acq: 05 Jun 2019 14:15

Tgt Ion: 91 Resp: 344526

Ion Ratio Lower Upper

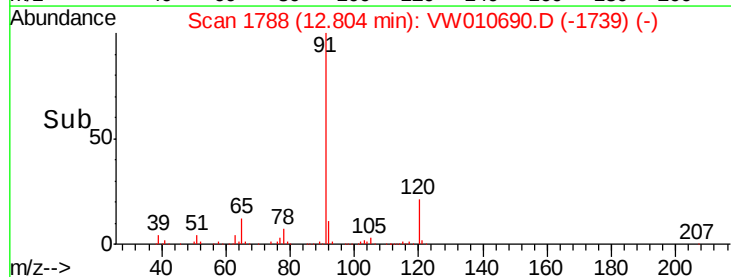
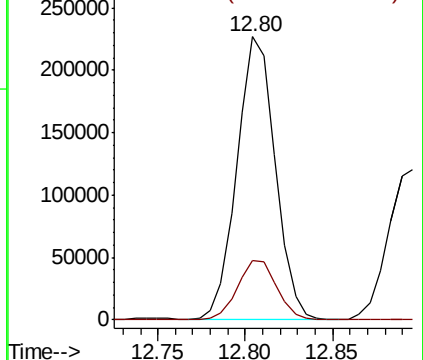
91 100

120 21.6 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: 21.673 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

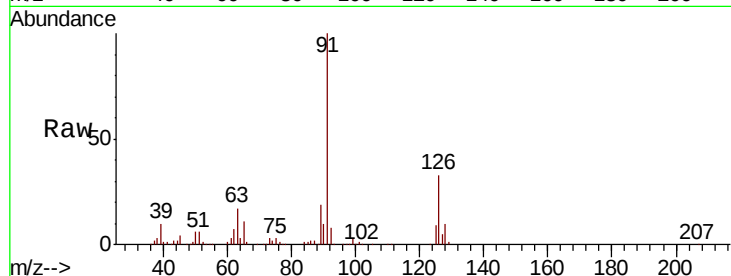
VW0605SBSD02

Tgt Ion: 91 Resp: 196627

Ion Ratio Lower Upper

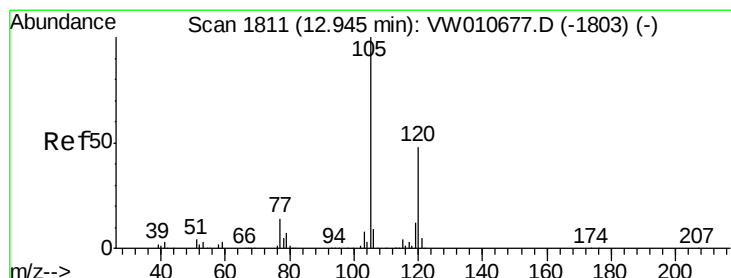
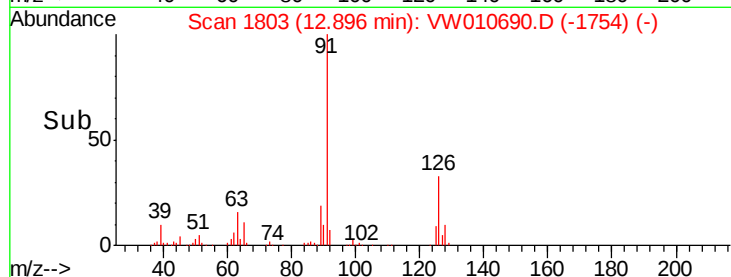
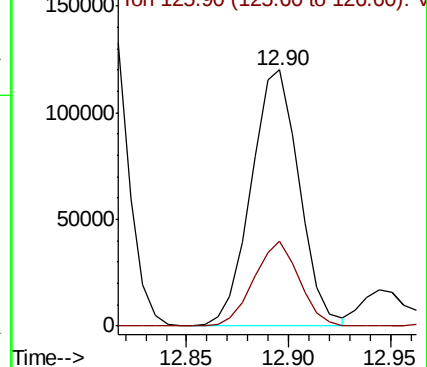
91 100

126 31.4 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.944 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010690.D

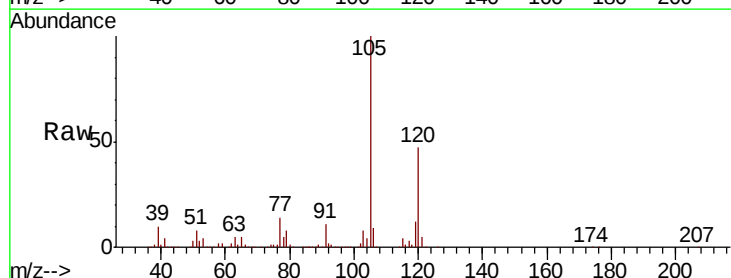
Acq: 05 Jun 2019 14:15

Tgt Ion: 105 Resp: 236553

Ion Ratio Lower Upper

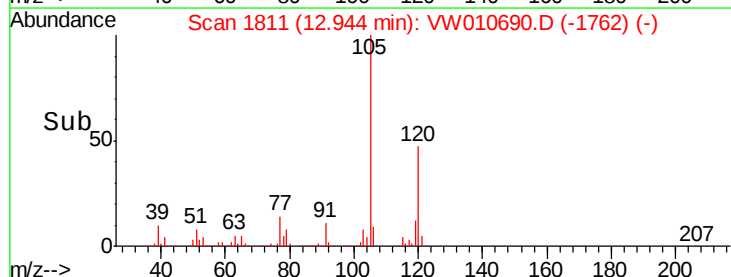
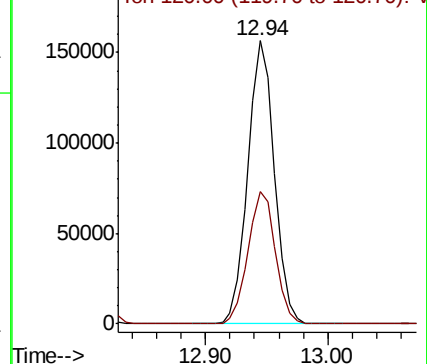
105 100

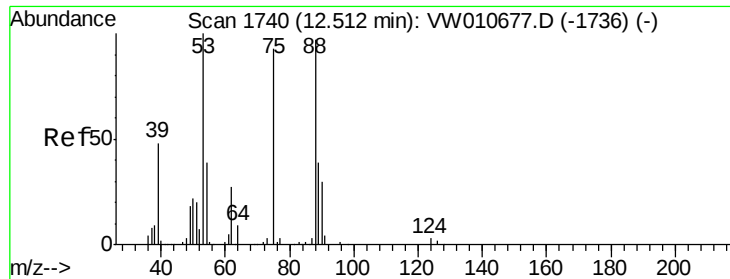
120 48.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.354 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBSD02

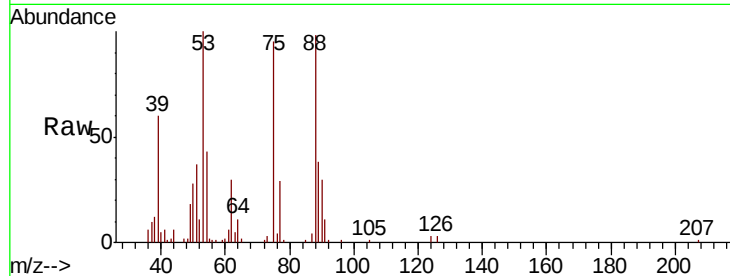
Tgt Ion: 75 Resp: 16299

Ion Ratio Lower Upper

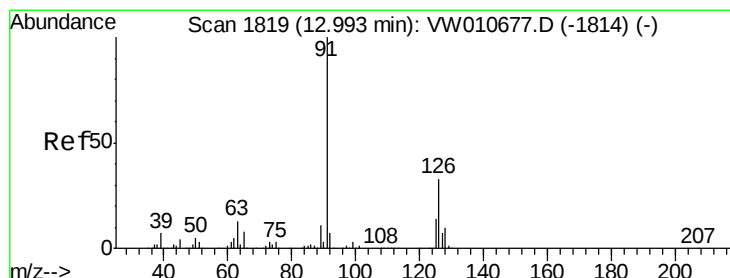
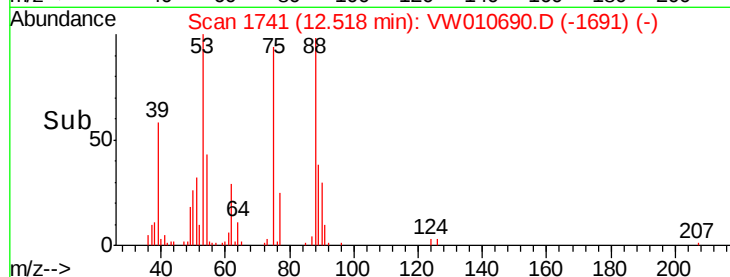
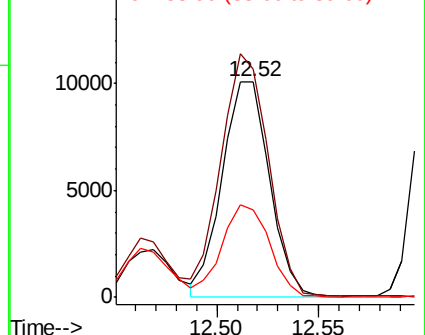
75 100

53 112.2 90.1 135.1

89 43.1 34.6 52.0



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



#82

4-Chlorotoluene

Concen: 21.841 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010690.D

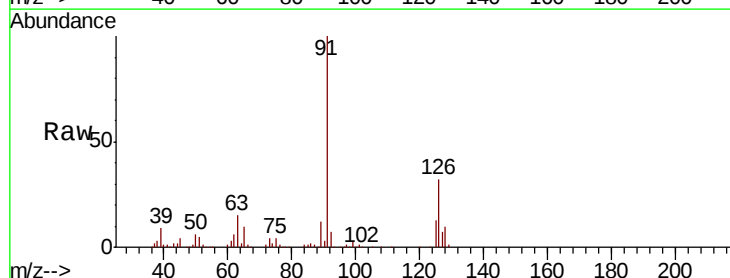
Acq: 05 Jun 2019 14:15

Tgt Ion: 91 Resp: 204485

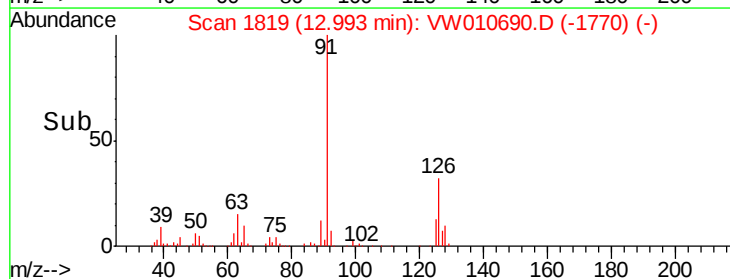
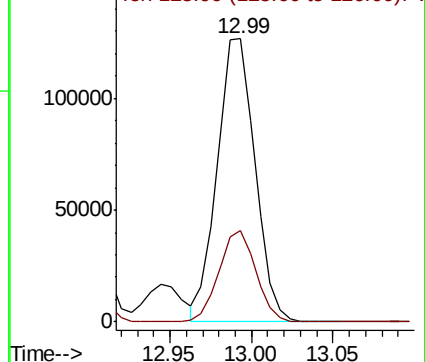
Ion Ratio Lower Upper

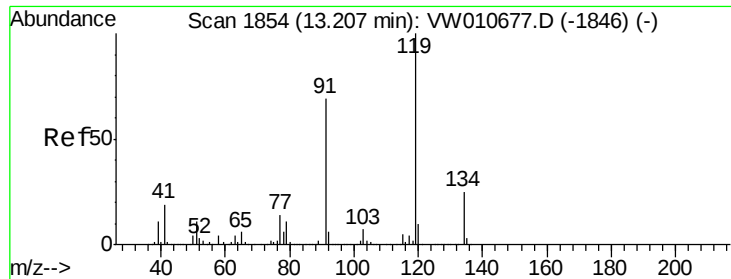
91 100

126 31.6 15.9 47.7



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

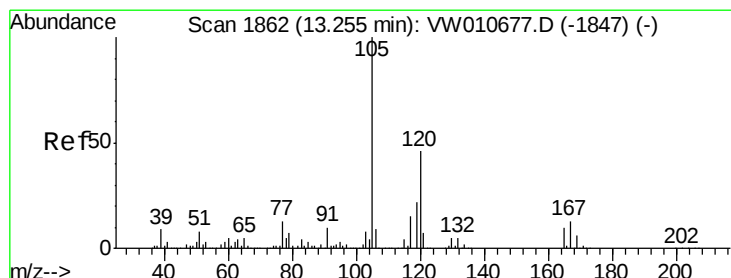
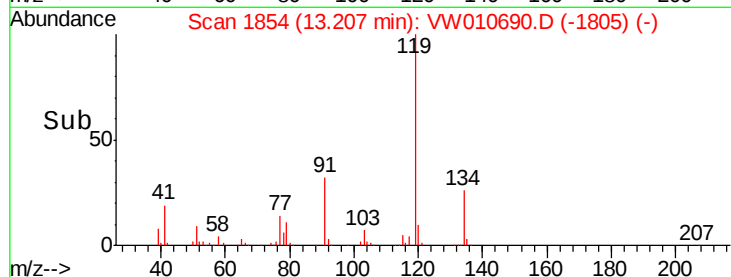
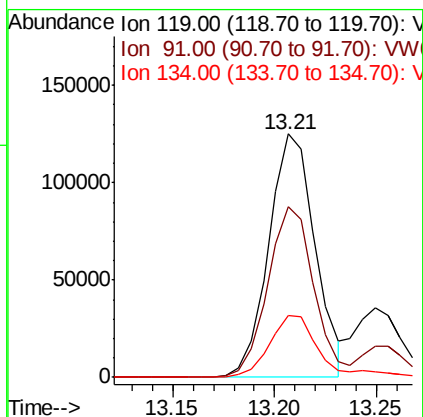
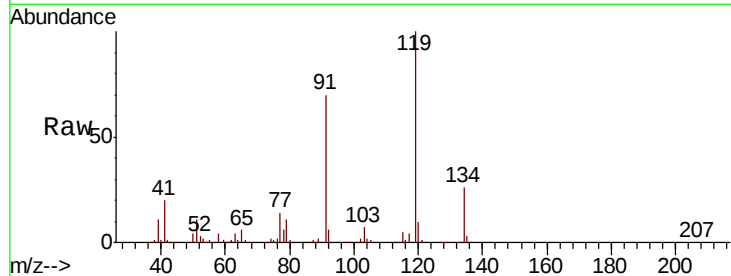




#83
 tert-Butylbenzene
 Concen: 21.675 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

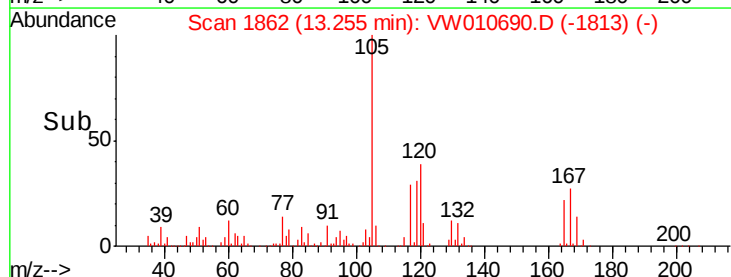
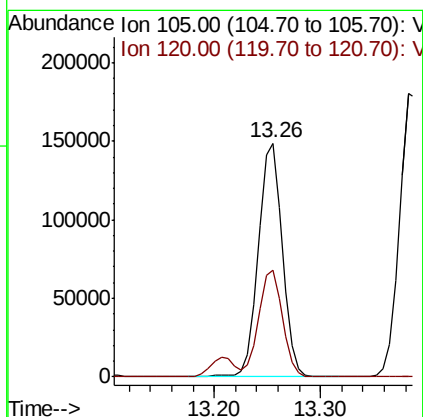
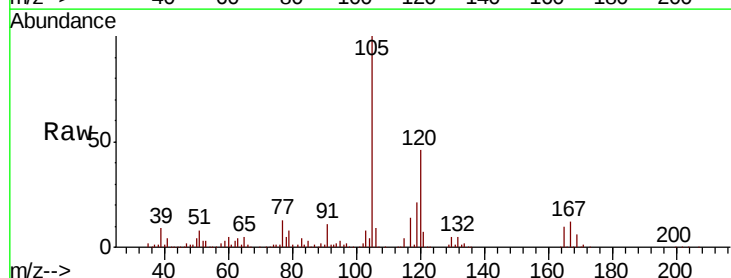
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

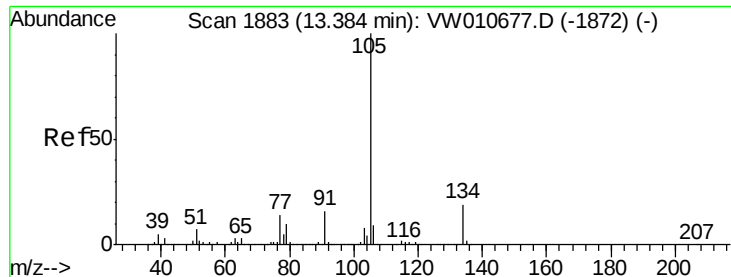
Tgt Ion:119 Resp: 198298
 Ion Ratio Lower Upper
 119 100
 91 70.0 35.1 105.3
 134 27.5 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.754 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion:105 Resp: 235983
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.5 67.5





#85

sec-Butylbenzene

Concen: 21.460 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

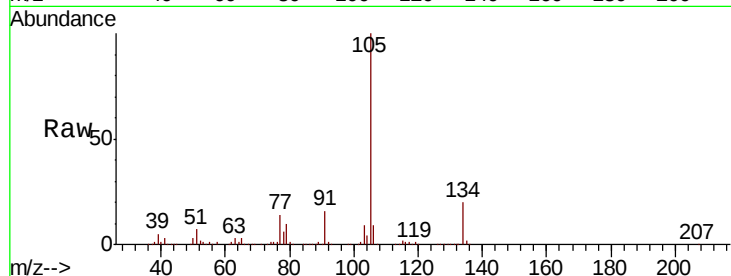
VW0605SBSD02

Tgt Ion:105 Resp: 285844

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

200000

150000

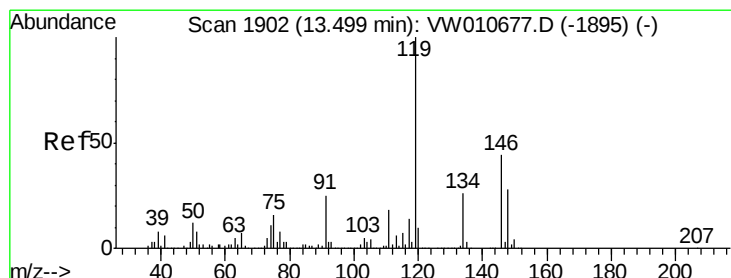
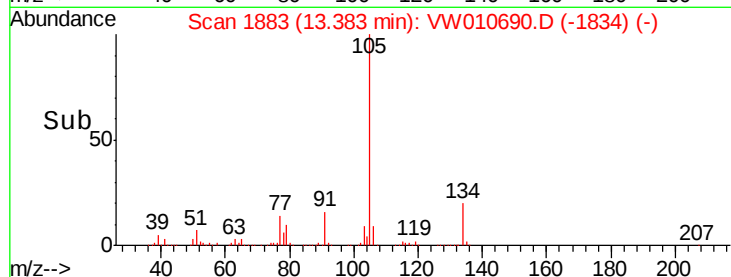
100000

50000

0

Time-->

13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 21.675 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

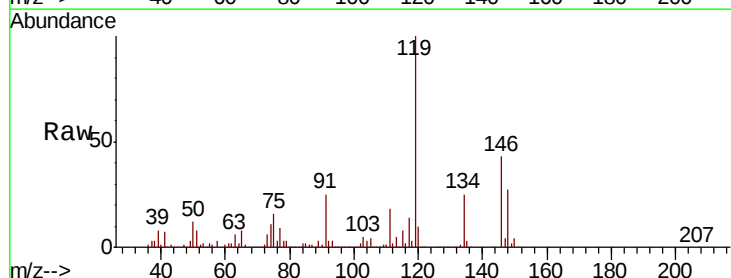
Tgt Ion:119 Resp: 258186

Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 24.7 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

200000

150000

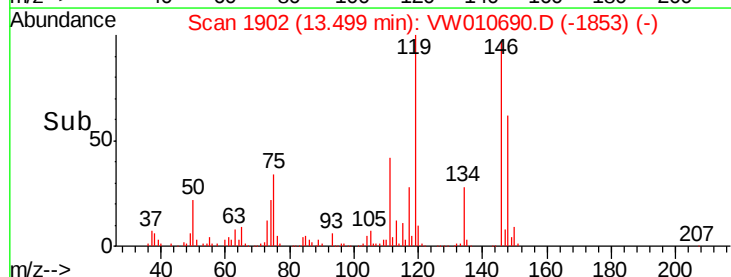
100000

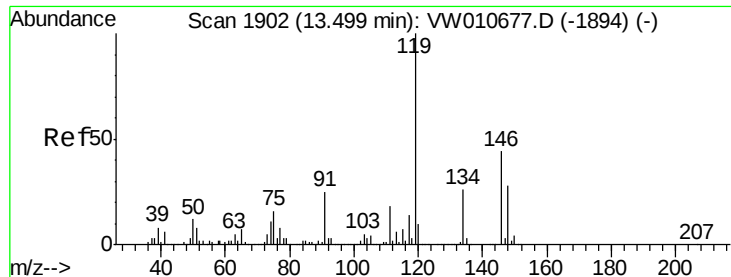
50000

0

Time-->

13.50 13.60

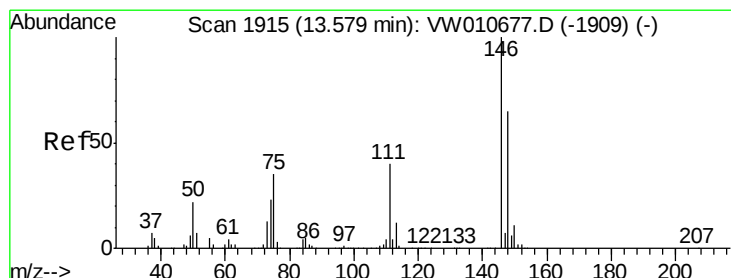
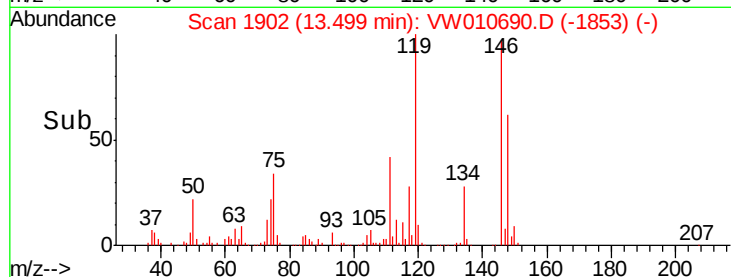
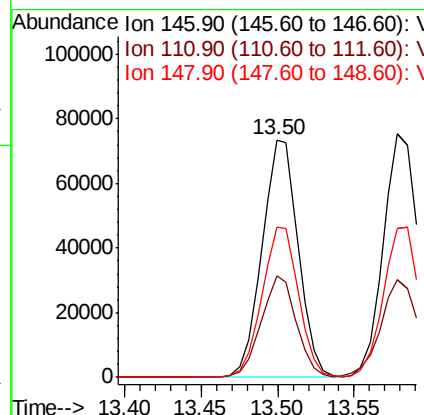
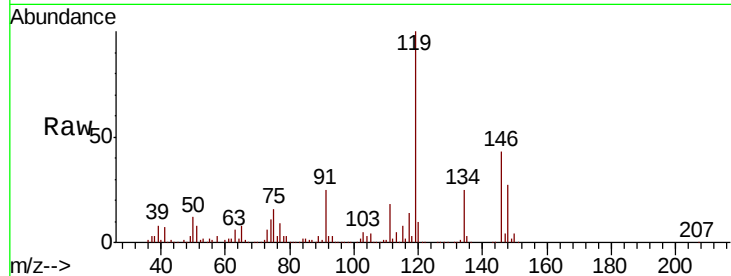




#87
 1,3-Dichlorobenzene
 Concen: 21.811 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

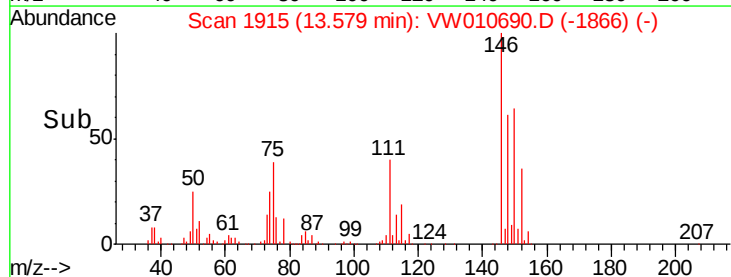
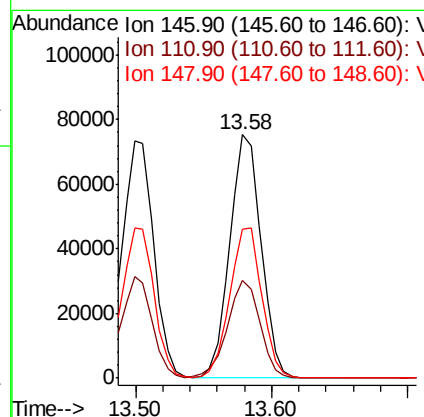
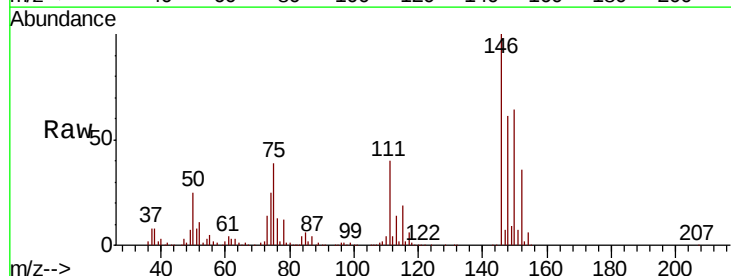
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBSD02

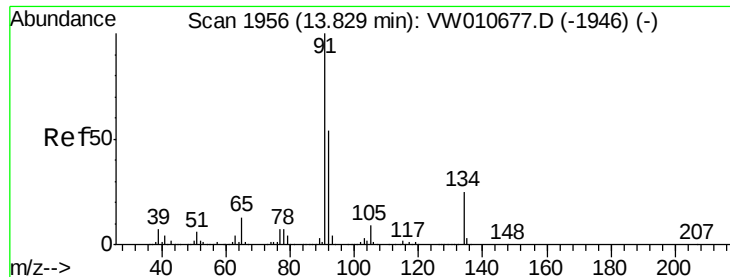
Tgt Ion:146 Resp: 120916
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.4 61.3
 148 63.9 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 21.994 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion:146 Resp: 120880
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 60.9
 148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 21.922 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010690.D

Acq: 05 Jun 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBSD02

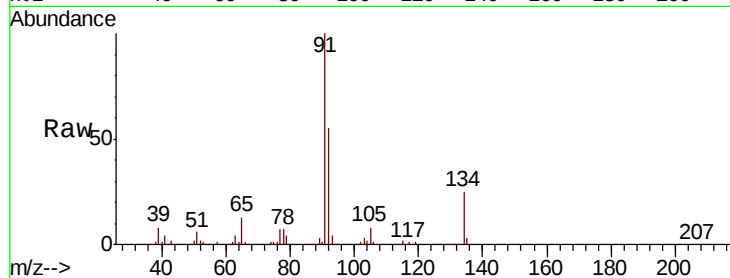
Tgt Ion: 91 Resp: 260531

Ion Ratio Lower Upper

91 100

92 54.7 27.3 81.8

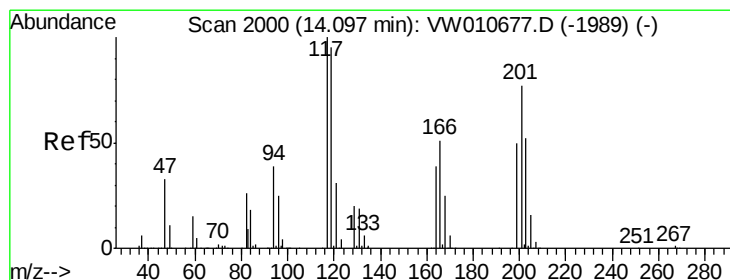
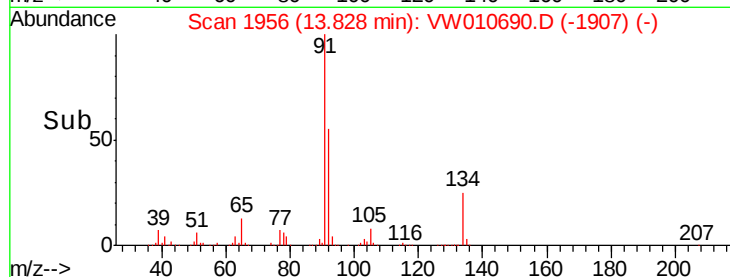
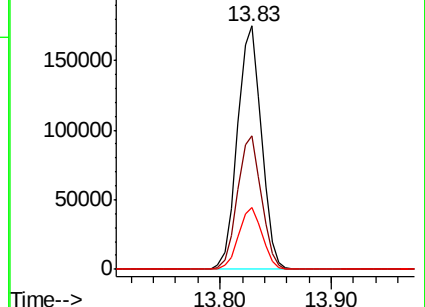
134 24.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.382 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010690.D

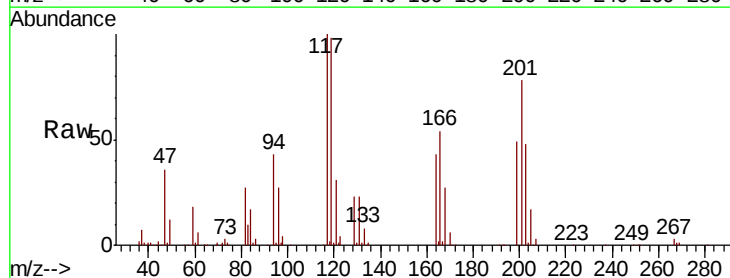
Acq: 05 Jun 2019 14:15

Tgt Ion: 117 Resp: 45612

Ion Ratio Lower Upper

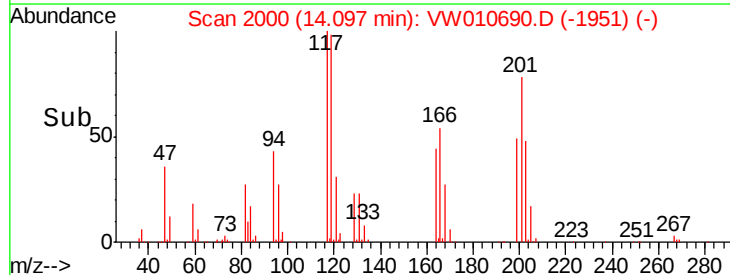
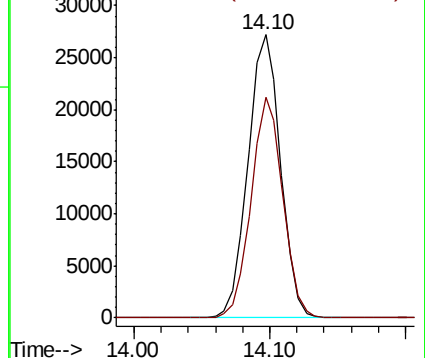
117 100

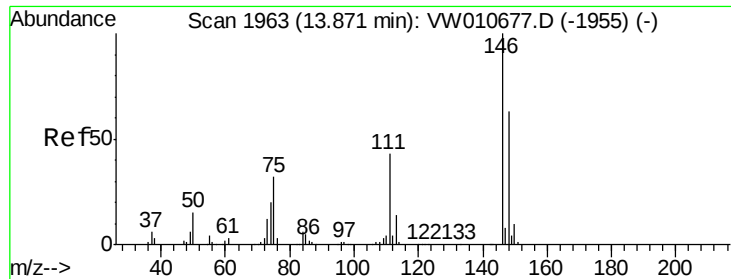
201 75.9 38.8 116.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

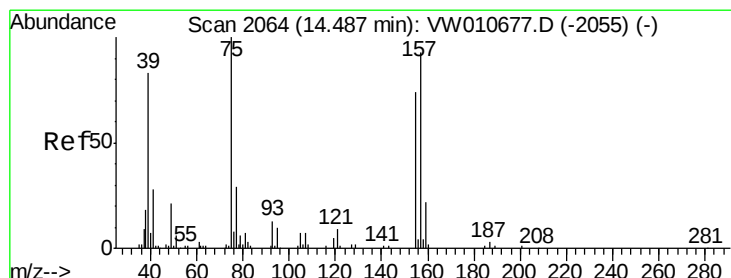
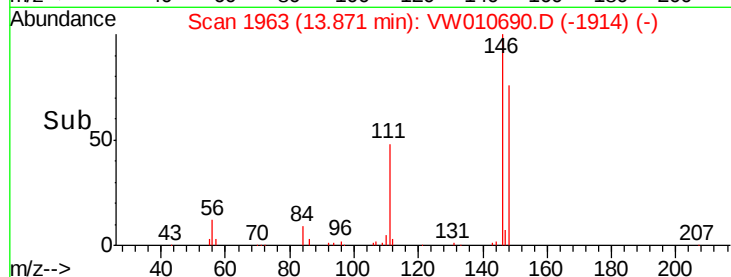
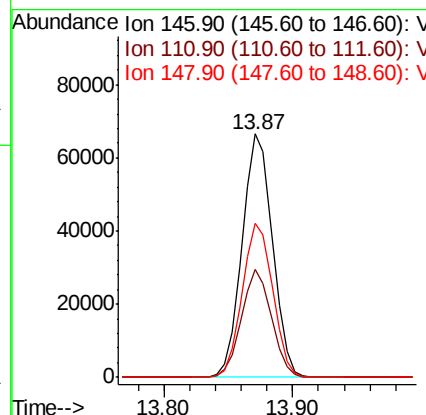
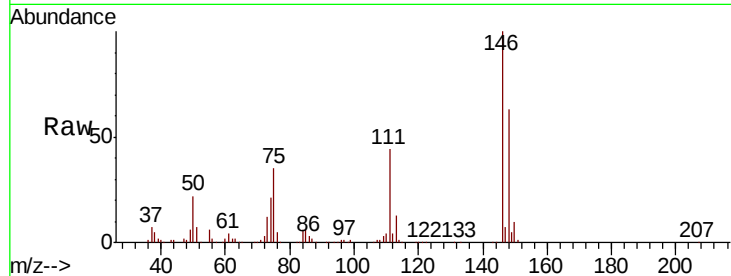




#91
 1,2-Dichlorobenzene
 Concen: 21.668 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

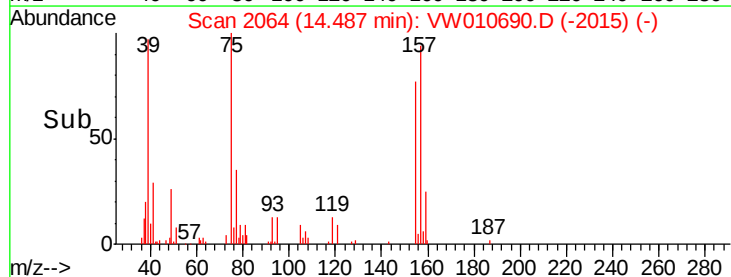
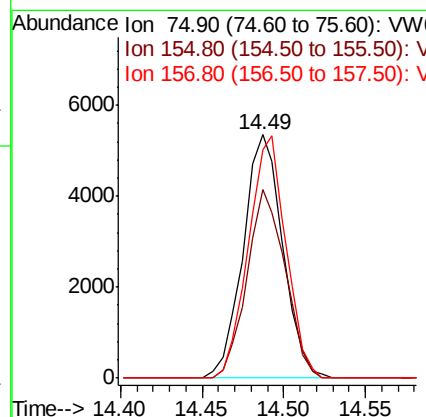
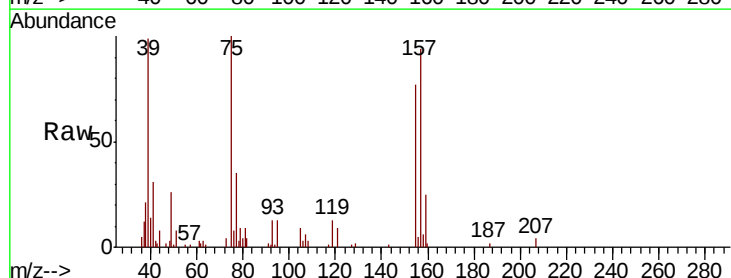
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

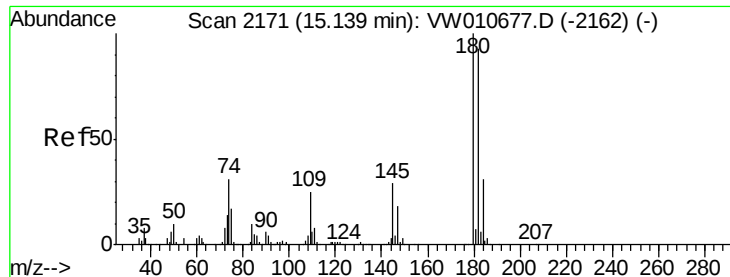
Tgt Ion:146 Resp: 108026
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.5 64.5
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.988 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion: 75 Resp: 9036
 Ion Ratio Lower Upper
 75 100
 155 74.6 38.8 116.4
 157 94.2 48.4 145.0

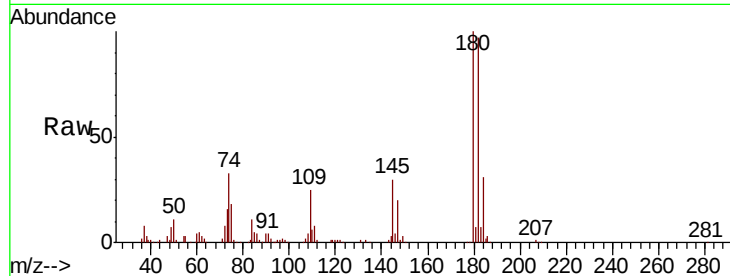




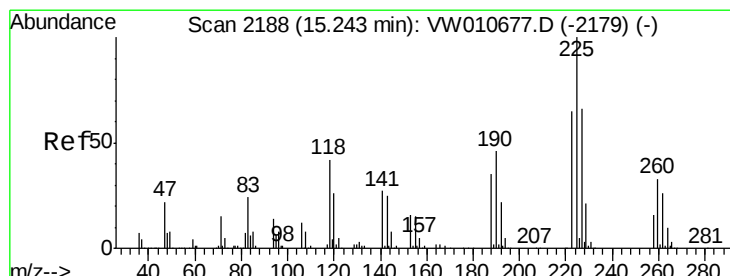
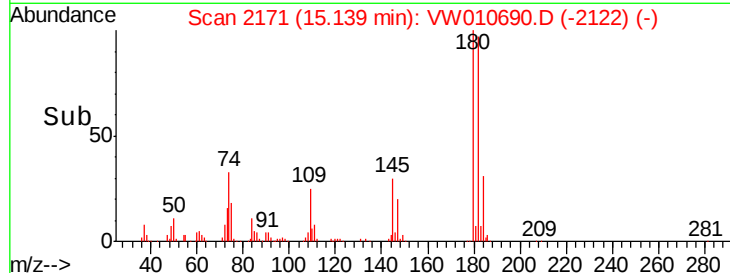
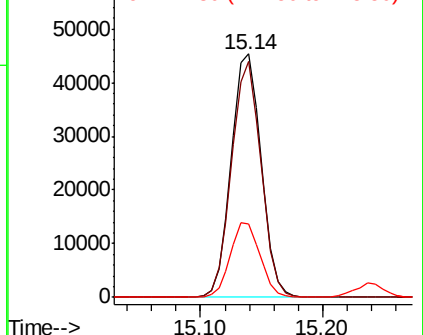
#93
 1,2,4-Trichlorobenzene
 Concen: 21.937 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBSD02

Tgt Ion:180 Resp: 76751
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.1 141.4
 145 30.4 15.2 45.5

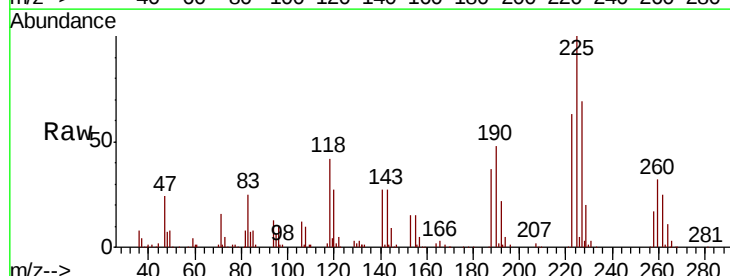


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

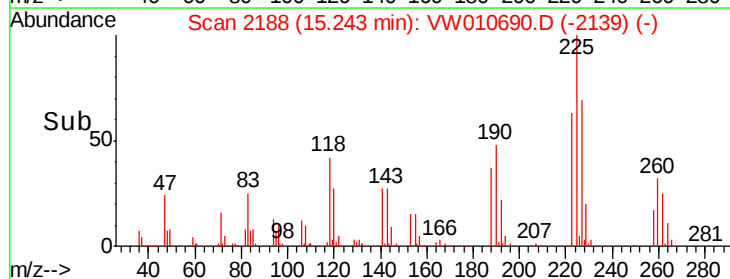
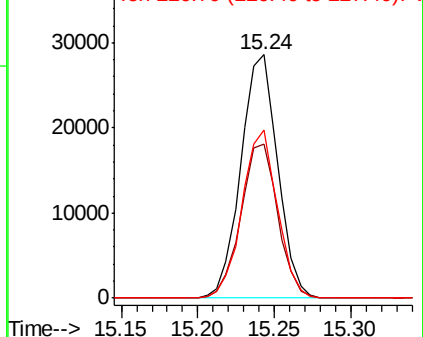


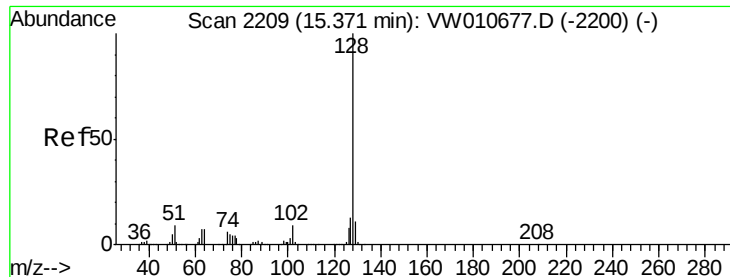
#94
 Hexachlorobutadiene
 Concen: 21.834 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010690.D
 Acq: 05 Jun 2019 14:15

Tgt Ion:225 Resp: 47943
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.2 96.6
 227 65.9 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

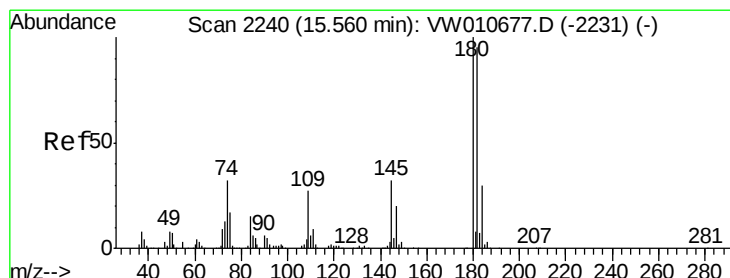
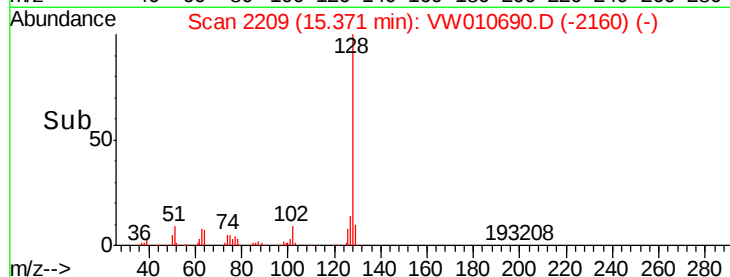
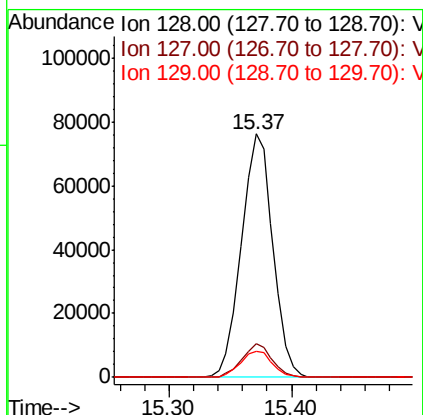
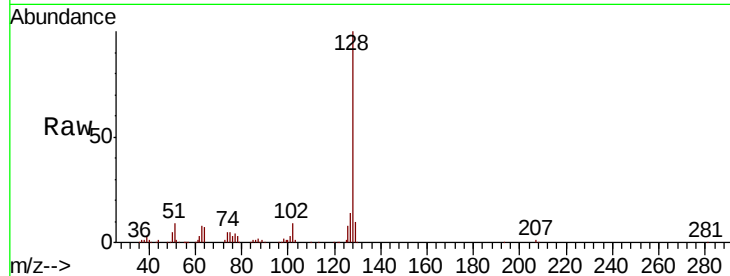




#95
Naphthalene
Concen: 21.355 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tgt Ion:128 Resp: 135745
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.281 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010690.D
Acq: 05 Jun 2019 14:15

Tgt Ion:180 Resp: 66295
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.0
145 32.6 16.1 48.3

