

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008674.D
 Acq On : 15 Feb 2019 10:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 00:30:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	360111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	521319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	460585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	240709	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	186858	49.91	ug/l	0.00
Spiked Amount						
			Recovery	=	99.82%	
35) Dibromofluoromethane	7.88	113	181699	56.13	ug/l	0.00
Spiked Amount						
			Recovery	=	112.26%	
50) Toluene-d8	10.32	98	701830	56.24	ug/l	0.00
Spiked Amount						
			Recovery	=	112.48%	
62) 4-Bromofluorobenzene	12.62	95	251830	53.58	ug/l	0.00
Spiked Amount						
			Recovery	=	107.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	128553	55.735	ug/l	92
3) Chloromethane	2.21	50	145461	43.748	ug/l	99
4) Vinyl Chloride	2.36	62	208667	47.776	ug/l	98
5) Bromomethane	2.78	94	160399	46.411	ug/l	99
6) Chloroethane	2.92	64	152536	46.936	ug/l	92
7) Trichlorofluoromethane	3.25	101	161063	47.347	ug/l	100
8) Diethyl Ether	3.67	74	91804	45.224	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	195220	54.305	ug/l	98
10) Methyl Iodide	4.26	142	301085	53.661	ug/l	99
11) Tert butyl alcohol	5.17	59	58800	196.300	ug/l	97
12) 1,1-Dichloroethene	4.03	96	187674	53.383	ug/l	94
13) Acrolein	3.88	56	83650	271.048	ug/l	97
14) Allyl chloride	4.65	41	309077	52.915	ug/l	99
15) Acrylonitrile	5.36	53	187715	219.695	ug/l	99
16) Acetone	4.12	43	207571	243.646	ug/l	99
17) Carbon Disulfide	4.37	76	573279	54.035	ug/l	100
18) Methyl Acetate	4.66	43	81660	41.947	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	284792	46.146	ug/l	99
20) Methylene Chloride	4.90	84	183645	48.744	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	208908	54.261	ug/l	95
22) Diisopropyl ether	6.31	45	574095	48.835	ug/l	99
23) Vinyl Acetate	6.24	43	1750600	229.441	ug/l	100
24) 1,1-Dichloroethane	6.21	63	357866	52.754	ug/l	99
25) 2-Butanone	7.17	43	258230	214.659	ug/l	99
26) 2,2-Dichloropropane	7.16	77	232827	54.940	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	213870	51.371	ug/l	99
28) Bromochloromethane	7.51	49	154856	54.076	ug/l	98
29) Tetrahydrofuran	7.52	42	162491	204.932	ug/l	99
30) Chloroform	7.67	83	358701	52.771	ug/l	100
31) Cyclohexane	7.95	56	341971	49.945	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	313094	54.540	ug/l	100
36) 1,1-Dichloropropene	8.07	75	297750	56.849	ug/l	99
37) Ethyl Acetate	7.25	43	111791	44.247	ug/l	99
38) Carbon Tetrachloride	8.06	117	307234	58.991	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	374414	56.518	ug/l	99
40) Benzene	8.32	78	784556	54.848	ug/l	100
41) Methacrylonitrile	7.48	41	70813	49.815	ug/l	98
42) 1,2-Dichloroethane	8.40	62	227827	51.348	ug/l	100
43) Isopropyl Acetate	8.42	43	228675	45.391	ug/l	97
44) Trichloroethene	9.09	130	224231	56.537	ug/l	99
45) 1,2-Dichloropropane	9.37	63	191825	54.187	ug/l	95
46) Dibromomethane	9.46	93	98135	50.323	ug/l	98
47) Bromodichloromethane	9.64	83	257705	54.987	ug/l	97
48) Methyl methacrylate	9.43	41	109452	46.880	ug/l	98
49) 1,4-Dioxane	9.44	88	30931	993.672	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	565486	218.510	ug/l	100
52) Toluene	10.38	92	508196	55.071	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	257287	52.257	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	300344	53.813	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	132397	49.480	ug/l	98
56) Ethyl methacrylate	10.65	69	168239	47.351	ug/l	98
57) 1,3-Dichloropropane	10.93	76	239443	50.436	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	436385	256.033	ug/l	100
59) 2-Hexanone	10.97	43	416519	229.107	ug/l	97
60) Dibromochloromethane	11.13	129	169689	53.002	ug/l	100
61) 1,2-Dibromoethane	11.23	107	130603	49.573	ug/l	100
64) Tetrachloroethene	10.86	164	190972	55.757	ug/l	96
65) Chlorobenzene	11.66	112	545564	54.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	194724	55.370	ug/l	100
67) Ethyl Benzene	11.73	91	1004065	56.780	ug/l	99
68) m/p-Xylenes	11.84	106	769759	111.876	ug/l	100
69) o-Xylene	12.16	106	359384	55.258	ug/l	100
70) Styrene	12.18	104	575924	54.216	ug/l	99
71) Bromoform	12.35	173	96570	50.964	ug/l #	99
73) Isopropylbenzene	12.46	105	1016191	56.676	ug/l	99
74) N-amyl acetate	12.27	43	220832	45.546	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	149252	47.844	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	207812	87.431	ug/l #	100
77) Bromobenzene	12.75	156	223990	54.346	ug/l	97
78) n-propylbenzene	12.80	91	1218388	57.191	ug/l	100
79) 2-Chlorotoluene	12.89	91	670541	55.691	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	843225	56.620	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	47577	44.428	ug/l	97
82) 4-Chlorotoluene	12.99	91	700687	54.913	ug/l	100
83) tert-Butylbenzene	13.21	119	738409	57.101	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	853356	55.750	ug/l	100
85) sec-Butylbenzene	13.38	105	1079059	57.307	ug/l	100
86) p-Isopropyltoluene	13.50	119	957071	56.817	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	453048	54.224	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	450821	54.749	ug/l	99
89) n-Butylbenzene	13.83	91	919343	57.433	ug/l	100
90) Hexachloroethane	14.10	117	175889	59.766	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	396139	53.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26058	48.069	ug/l	99

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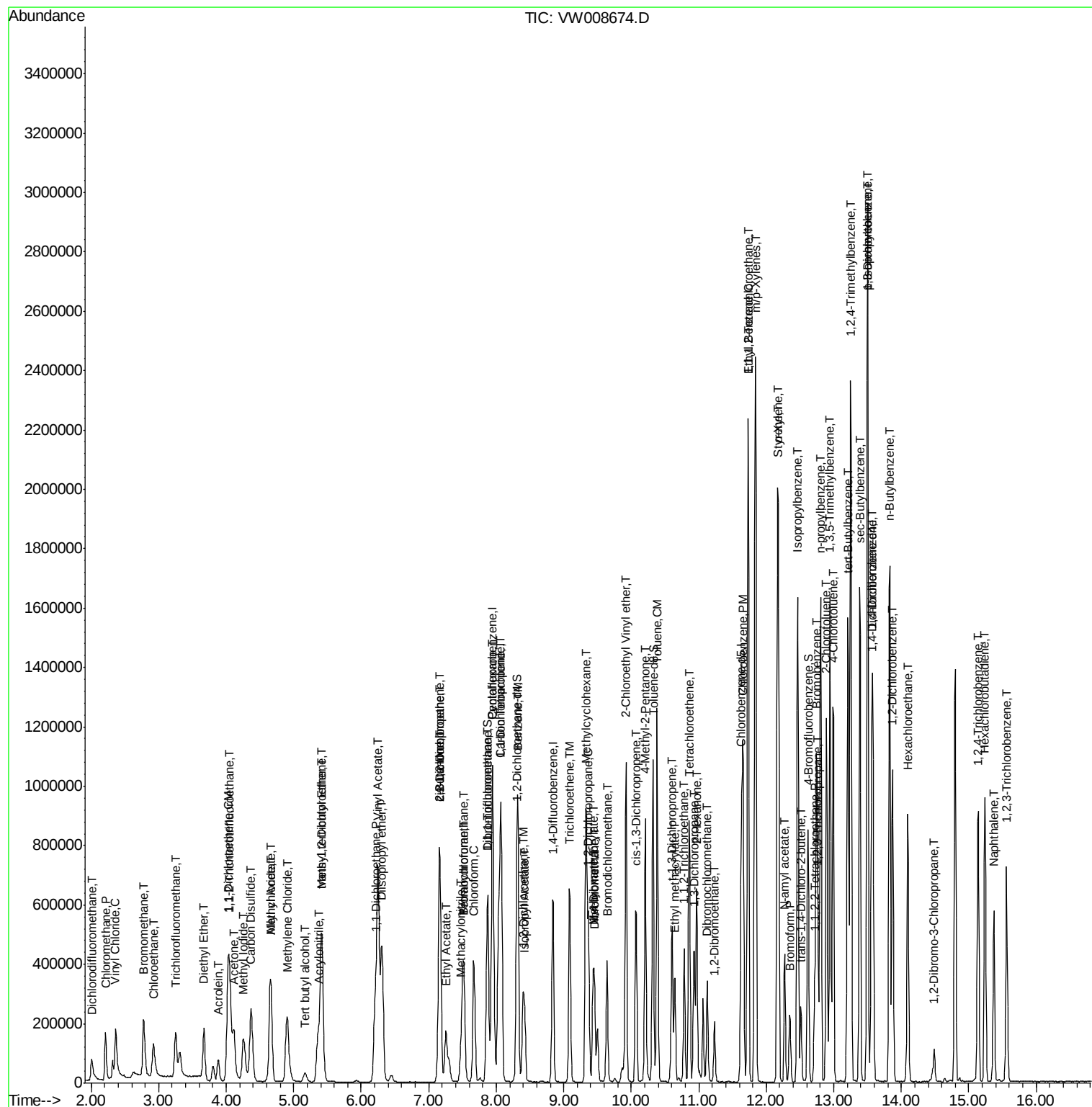
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	285085	54.102	ug/l	99
94) Hexachlorobutadiene	15.24	225	184065	60.008	ug/l	99
95) Naphthalene	15.37	128	467599	49.517	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	240561	53.200	ug/l	99

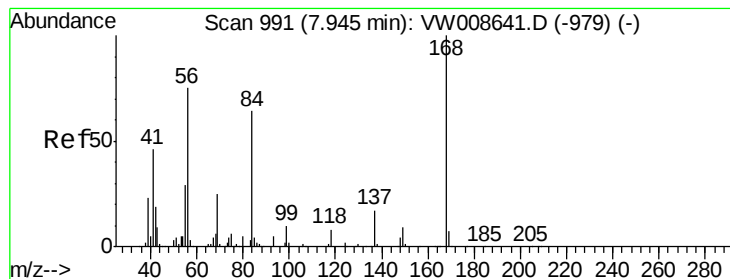
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

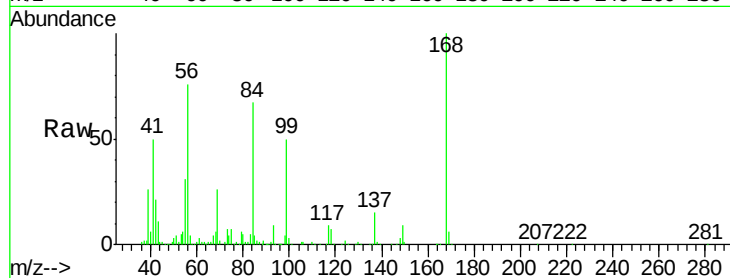
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 360111

Ion Ratio Lower Upper

168 100

99 50.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

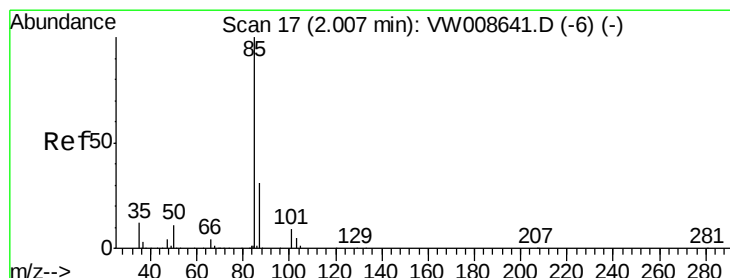
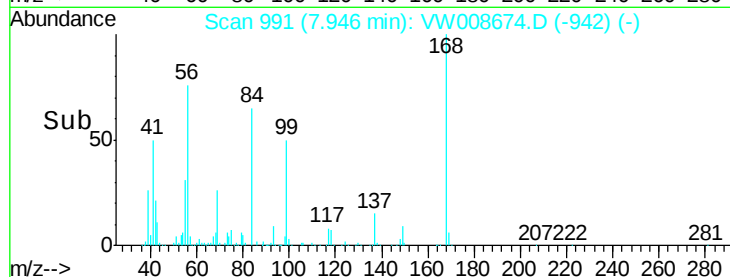
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 55.735 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008674.D

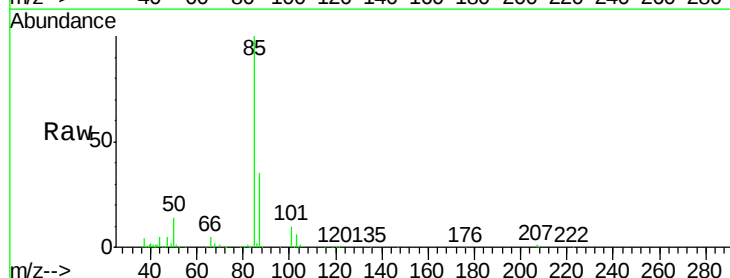
Acq: 15 Feb 2019 10:16

Tgt Ion: 85 Resp: 128553

Ion Ratio Lower Upper

85 100

87 35.3 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

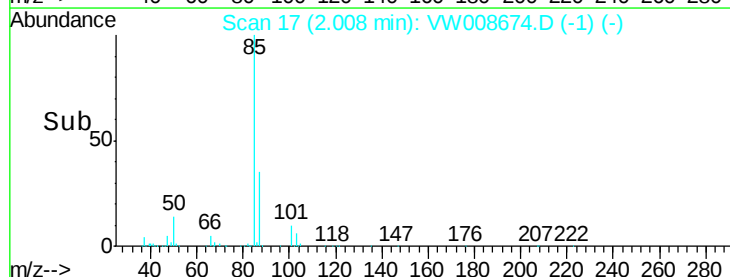
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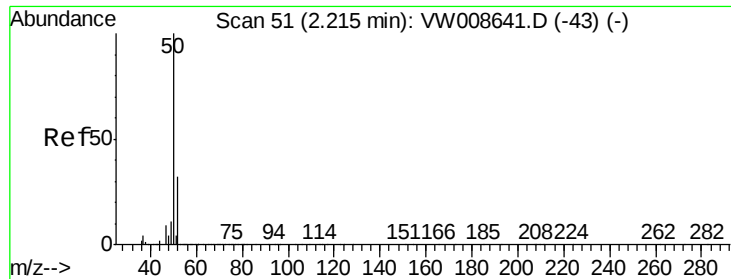
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 43.748 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

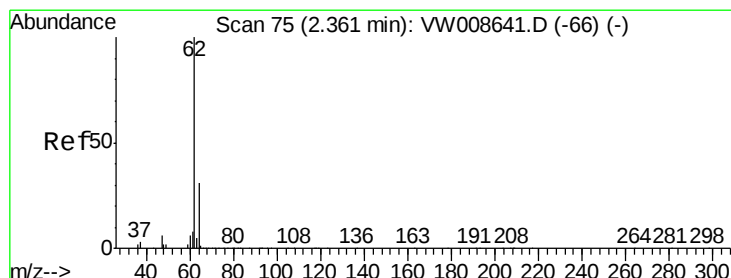
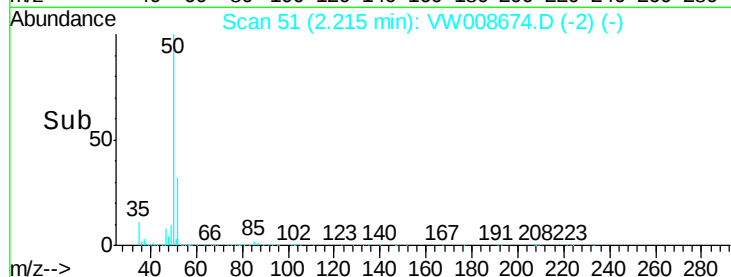
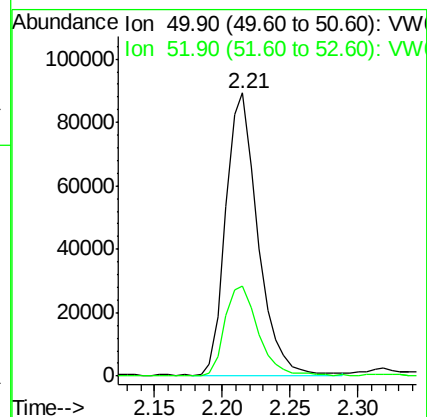
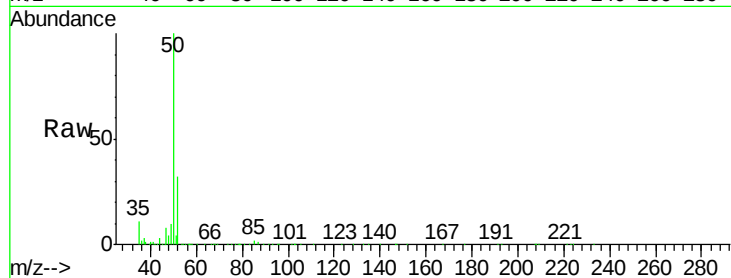
ClientSampleId :

Tot Ion: 50 Resp: 145461

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 47.776 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW008674.D

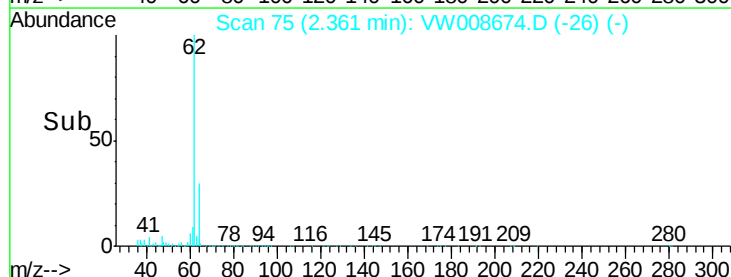
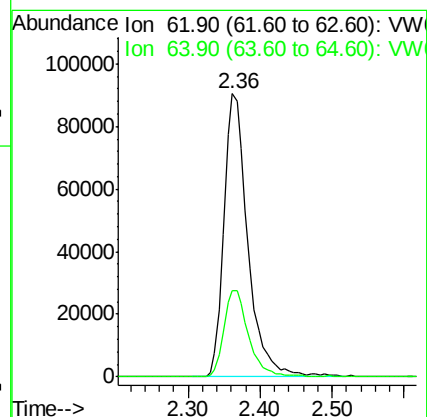
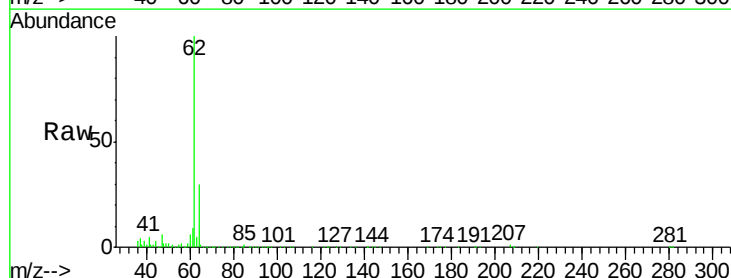
Acq: 15 Feb 2019 10:16

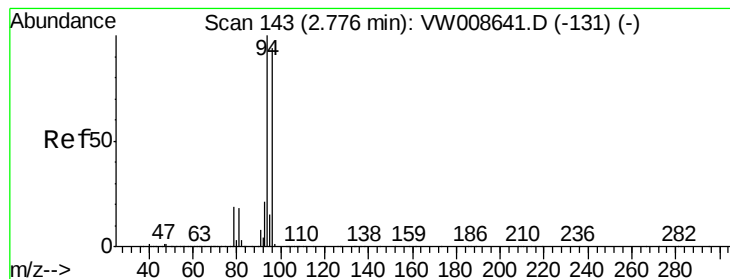
Tgt Ion: 62 Resp: 208667

Ion Ratio Lower Upper

62 100

64 30.2 25.1 37.7





#5

Bromomethane

Concen: 46.411 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

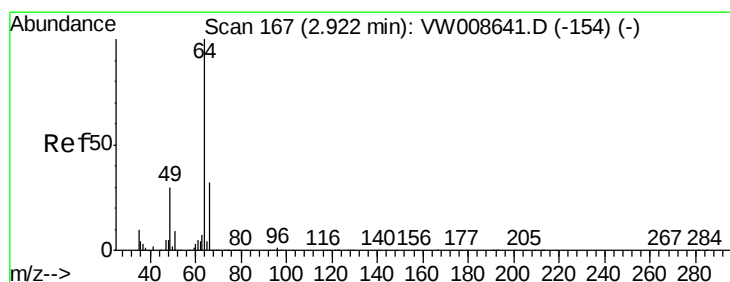
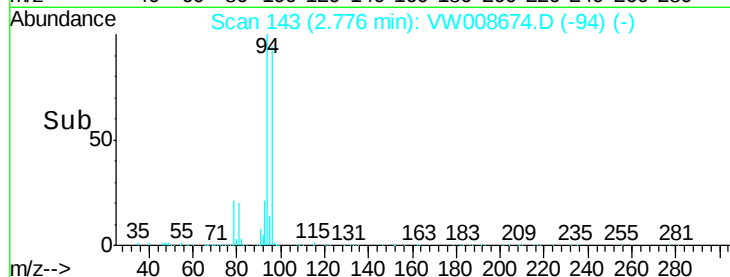
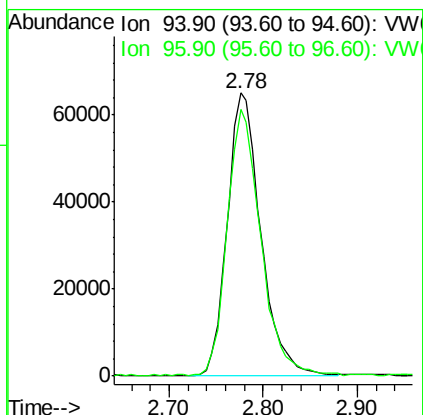
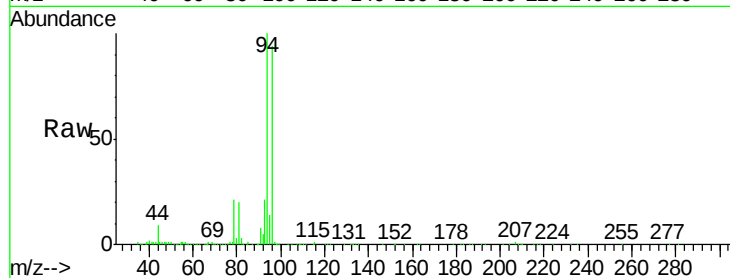
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 160399

Ion Ratio Lower Upper

94 100

96 93.9 75.5 113.3



#6

Chloroethane

Concen: 46.936 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW008674.D

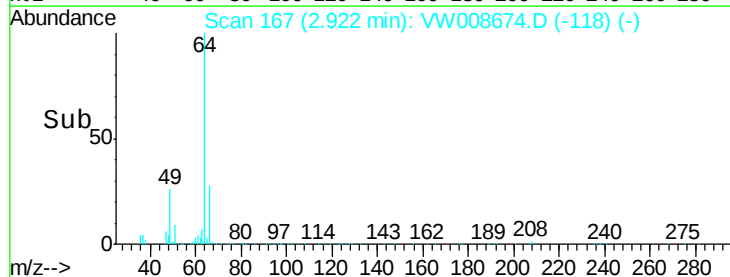
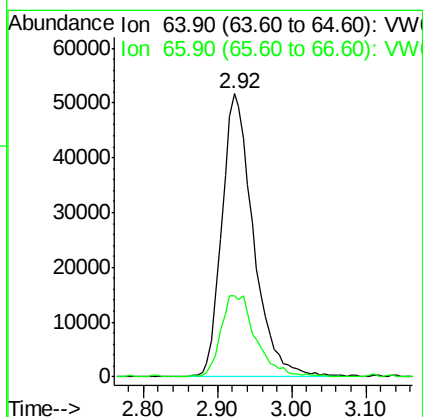
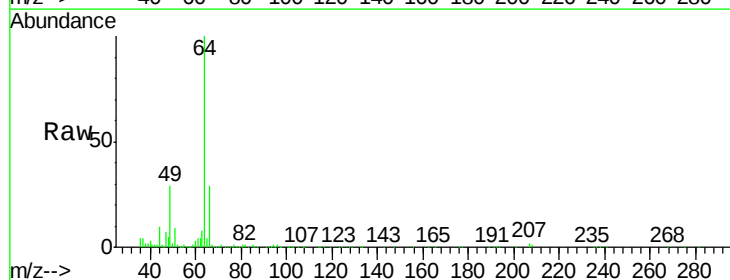
Acq: 15 Feb 2019 10:16

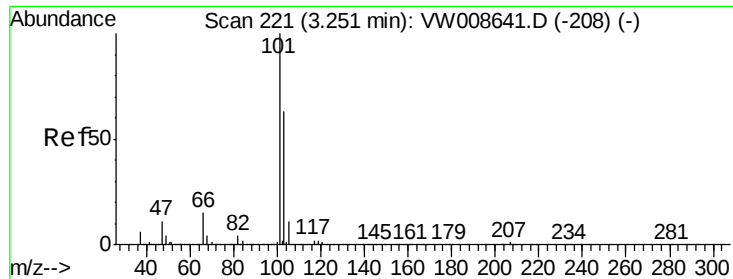
Tgt Ion: 64 Resp: 152536

Ion Ratio Lower Upper

64 100

66 28.5 26.2 39.4



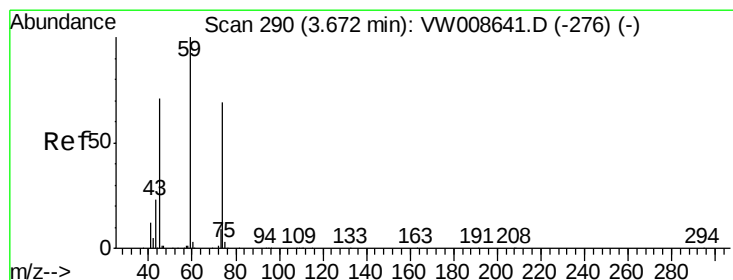
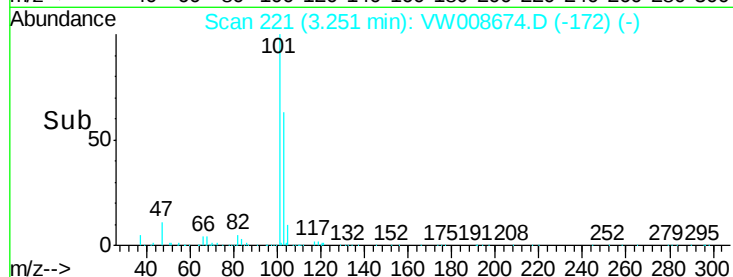
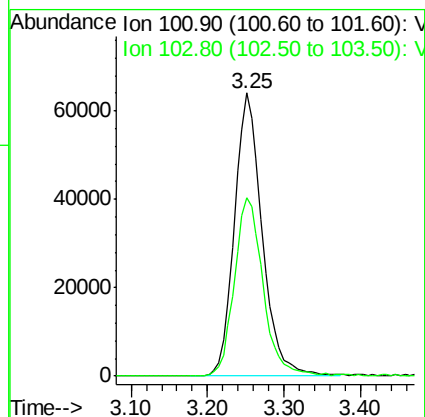
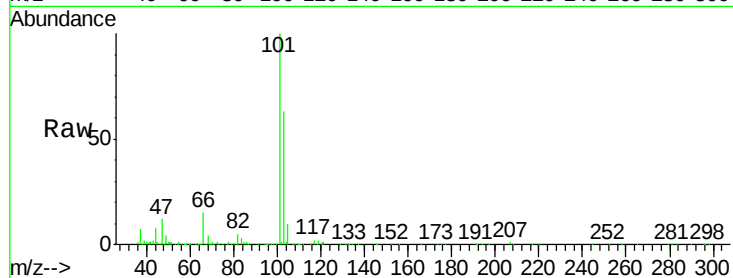


#7

Trichlorofluoromethane
Concen: 47.347 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Instrument :
MSVOA_W
ClientSampleId :

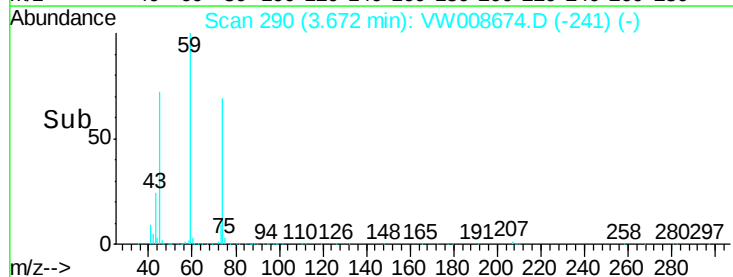
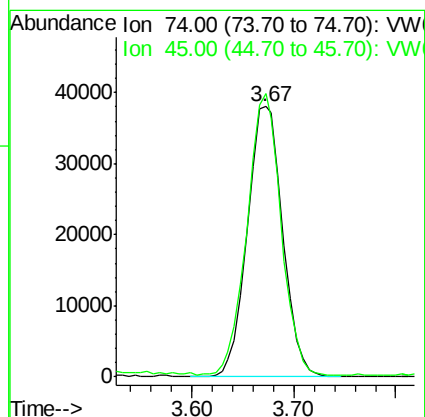
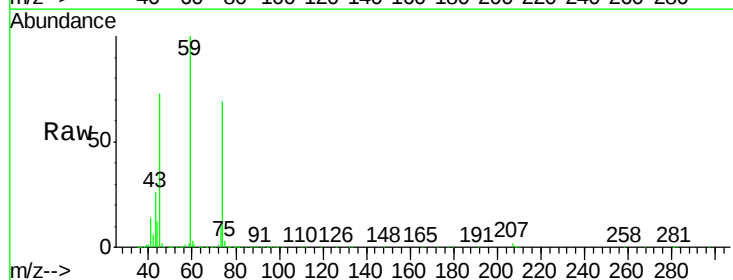
Tot Ion:101 Resp: 161063
Ion Ratio Lower Upper
101 100
103 63.2 50.5 75.7

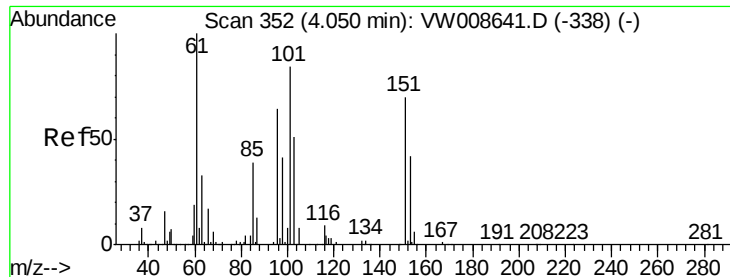


#8

Diethyl Ether
Concen: 45.224 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion: 74 Resp: 91804
Ion Ratio Lower Upper
74 100
45 101.0 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.305 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

ClientSampleId :

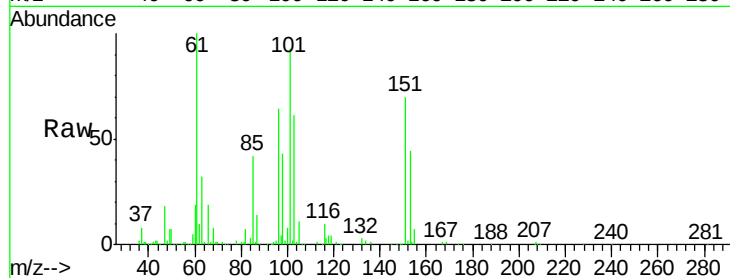
Tot Ion:101 Resp: 195220

Ion Ratio Lower Upper

101 100

85 46.5 34.3 51.5

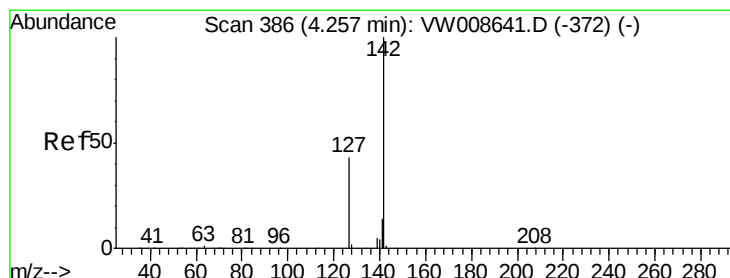
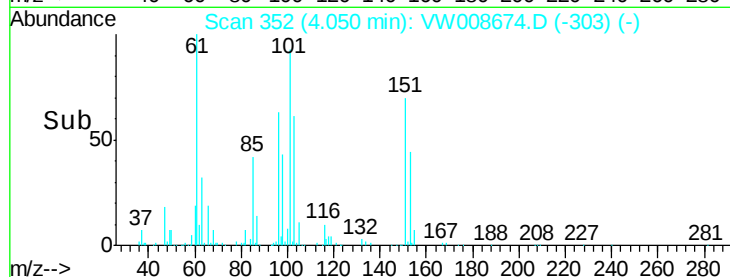
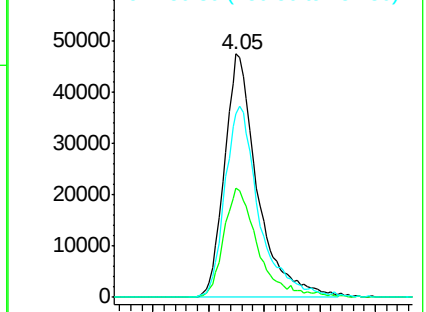
151 81.5 65.6 98.4



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: 53.661 ug/l

RT: 4.26 min Scan# 386

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

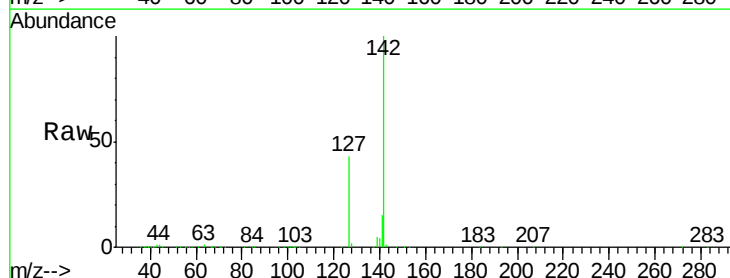
Tgt Ion:142 Resp: 301085

Ion Ratio Lower Upper

142 100

127 44.6 34.8 52.2

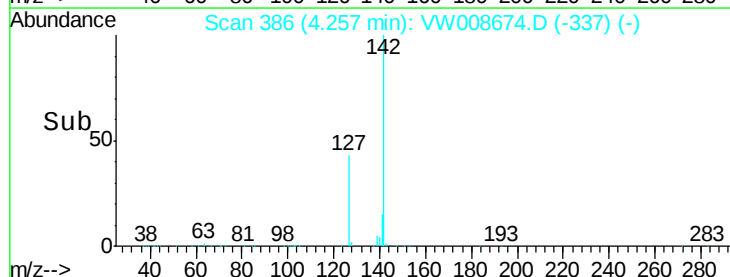
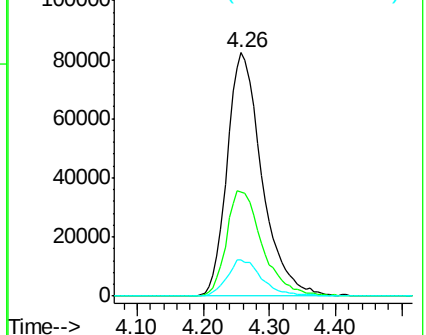
141 14.8 11.8 17.8

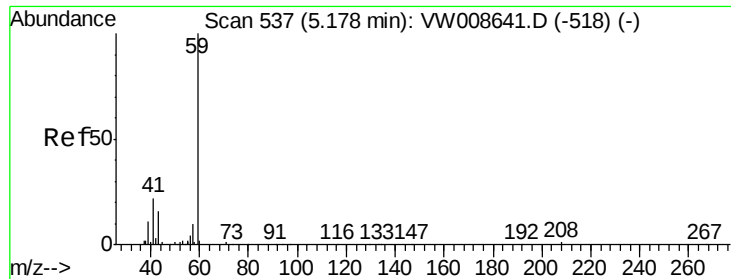


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



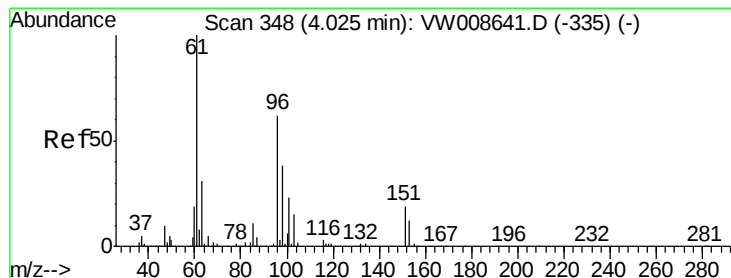
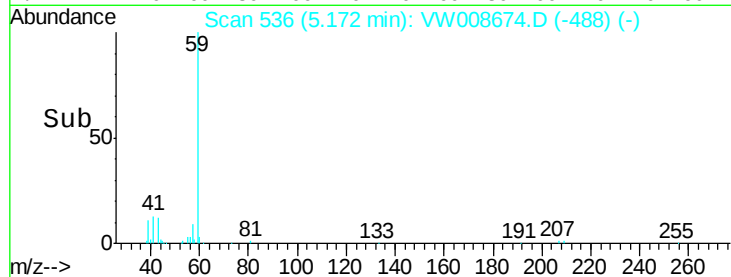
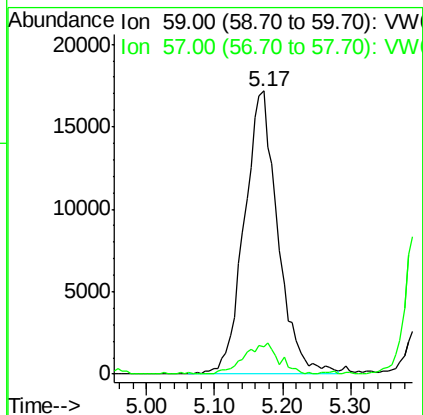
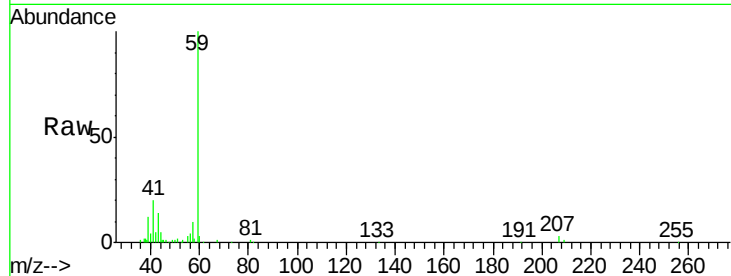


#11

Tert butyl alcohol
 Concen: 196.300 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

Instrument :
 MSVOA_W
 ClientSampled :

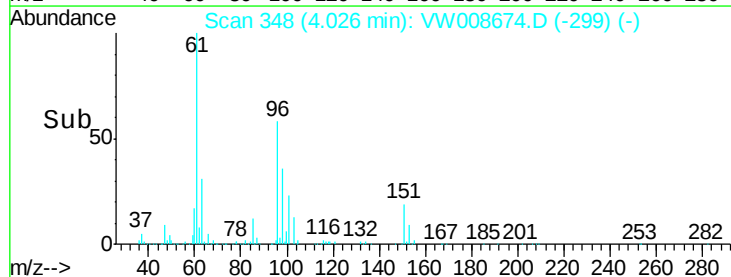
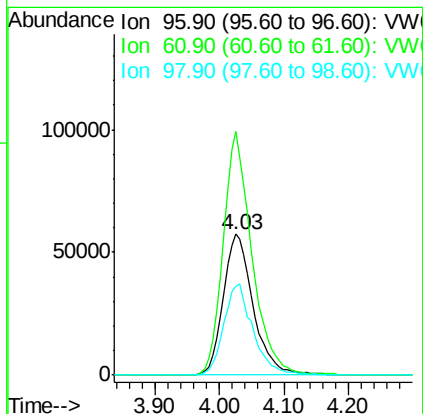
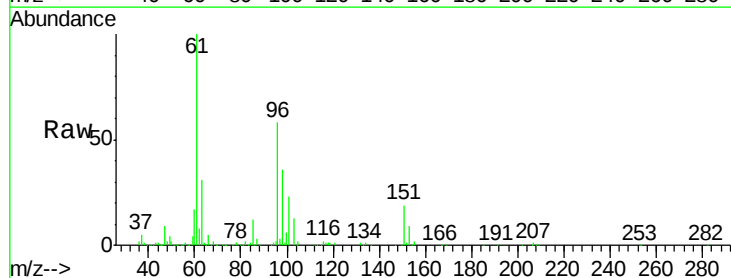
Tot Ion: 59 Resp: 58800
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.3 12.5

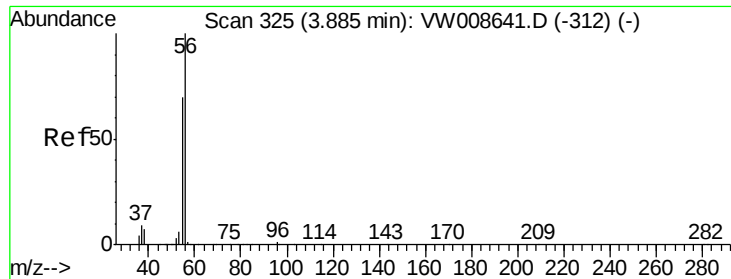


#12

1,1-Dichloroethene
 Concen: 53.383 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

Tgt Ion: 96 Resp: 187674
 Ion Ratio Lower Upper
 96 100
 61 172.4 129.8 194.6
 98 62.7 49.3 73.9





#13

Acrolein

Concen: 271.048 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

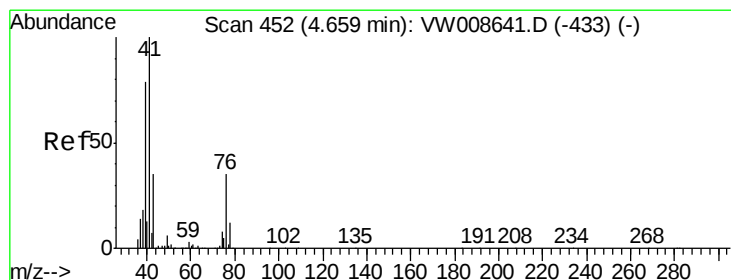
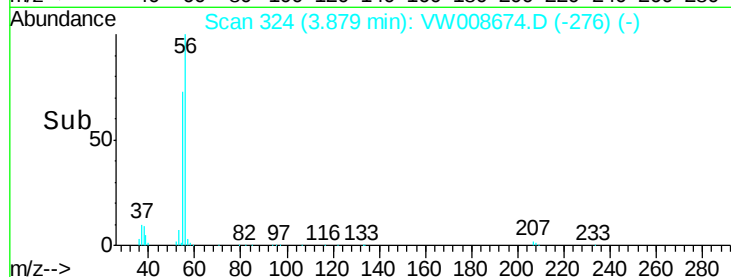
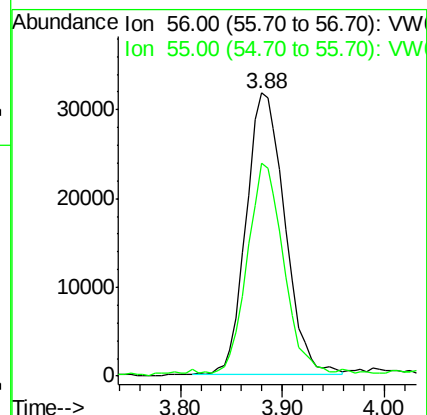
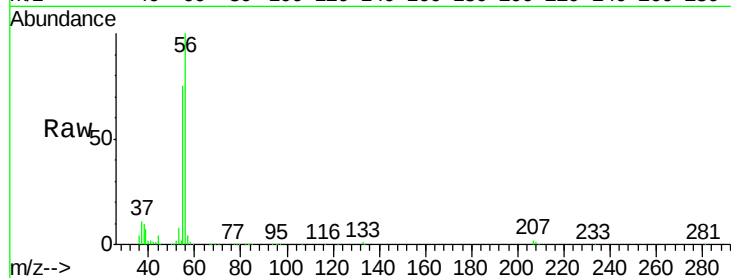
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 83650

Ion Ratio Lower Upper

56 100

55 69.4 57.4 86.2



#14

Allyl chloride

Concen: 52.915 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

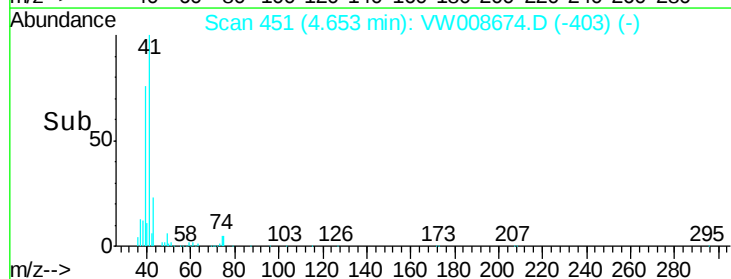
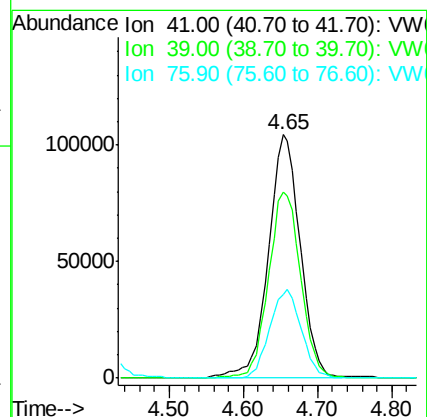
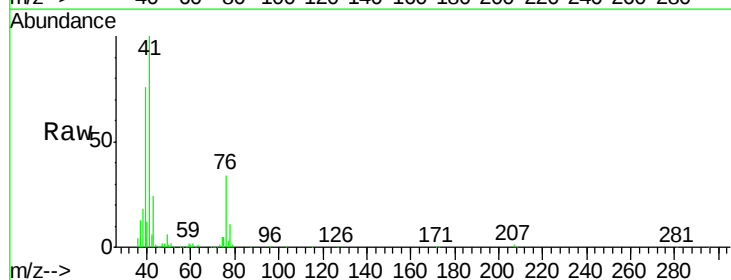
Tgt Ion: 41 Resp: 309077

Ion Ratio Lower Upper

41 100

39 77.3 61.7 92.5

76 36.3 27.7 41.5





#15

Acrylonitrile

Concen: 219.695 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :
MSVOA_W
ClientSampleId :

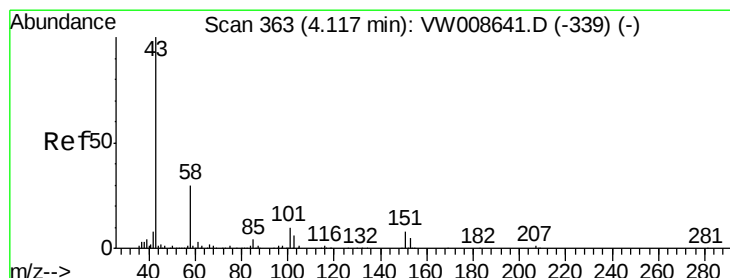
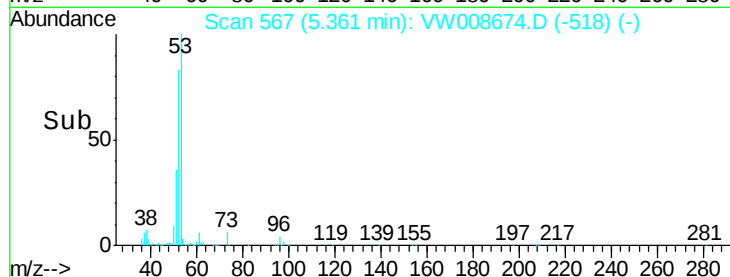
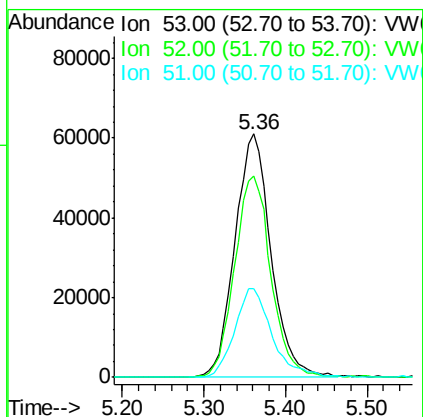
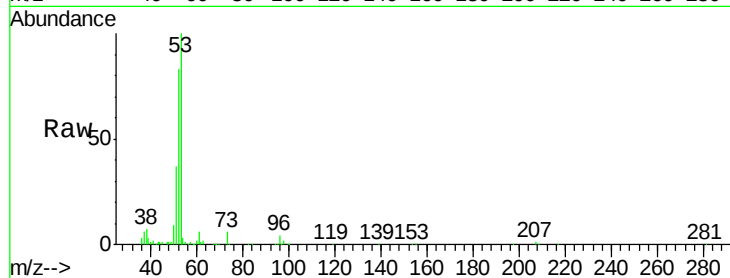
Tot Ion: 53 Resp: 187715

Ion Ratio Lower Upper

53 100

52 83.0 66.8 100.2

51 37.9 29.4 44.0



#16

Acetone

Concen: 243.646 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008674.D

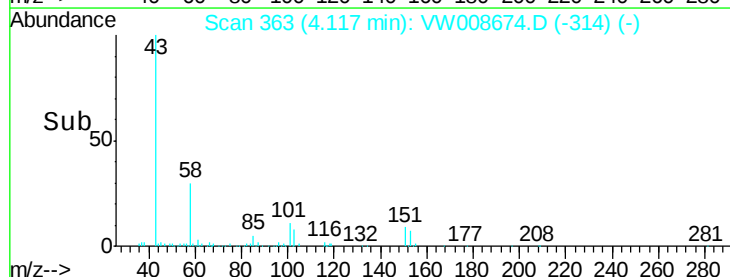
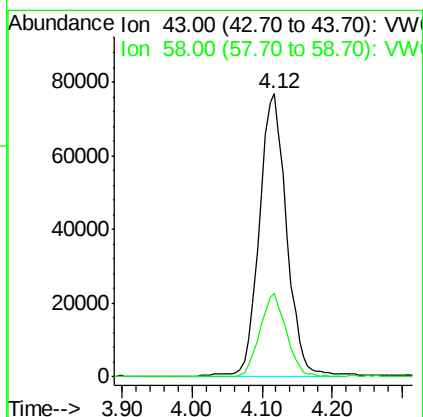
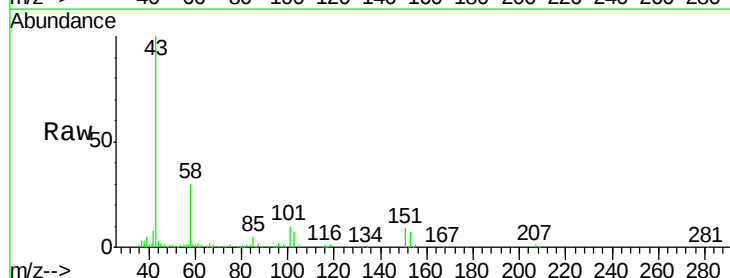
Acq: 15 Feb 2019 10:16

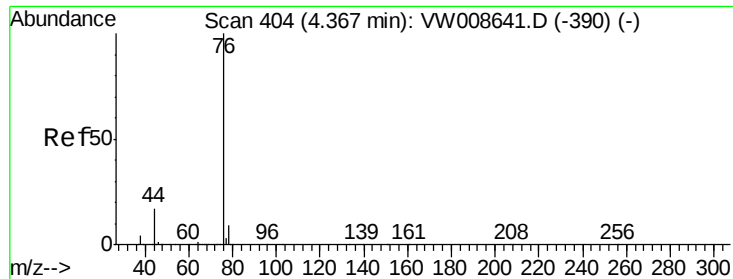
Tgt Ion: 43 Resp: 207571

Ion Ratio Lower Upper

43 100

58 29.5 24.1 36.1

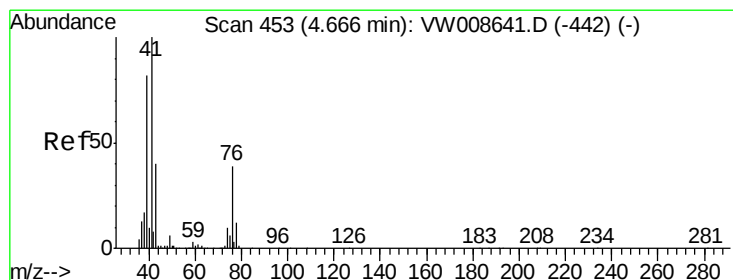
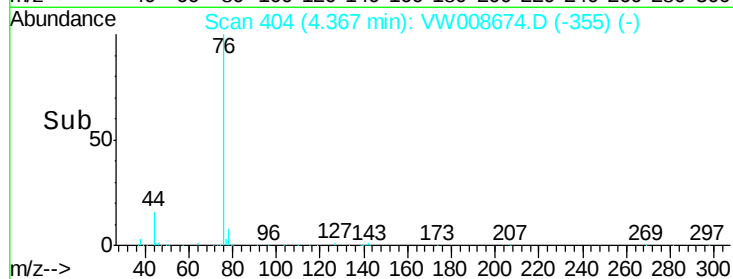
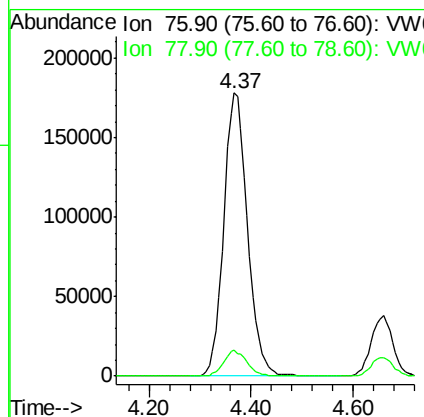
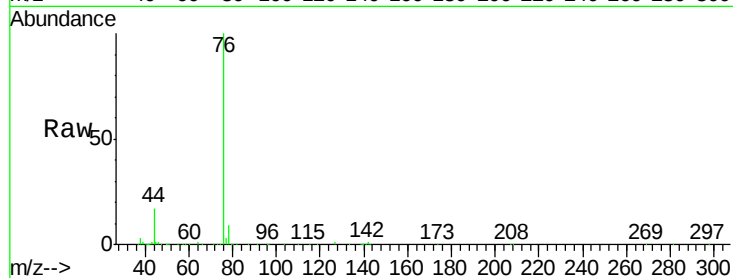




#17
Carbon Disulfide
Concen: 54.035 ug/l
RT: 4.37 min Scan# 404
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

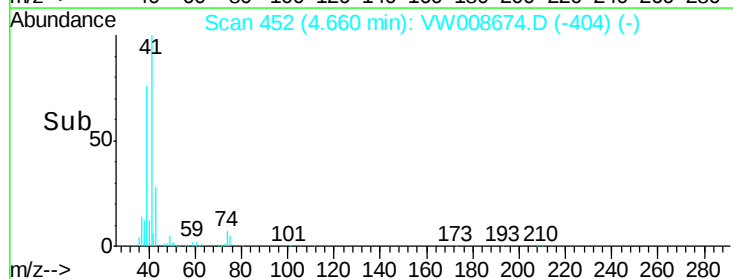
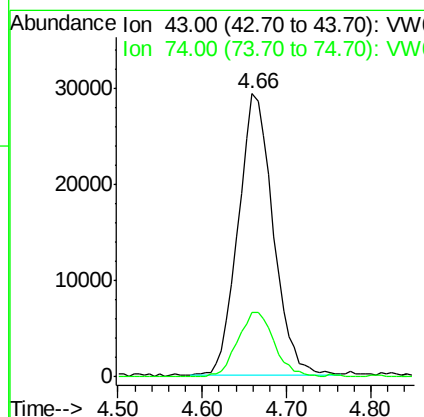
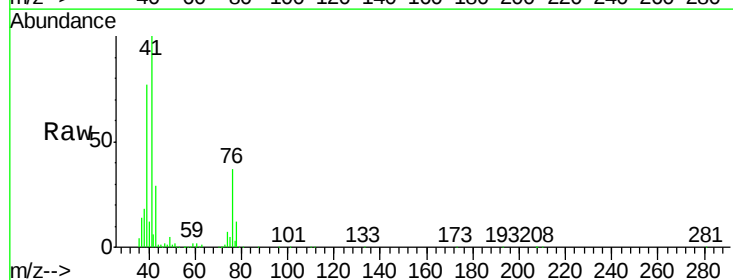
Instrument :
MSVOA_W
ClientSampleId :

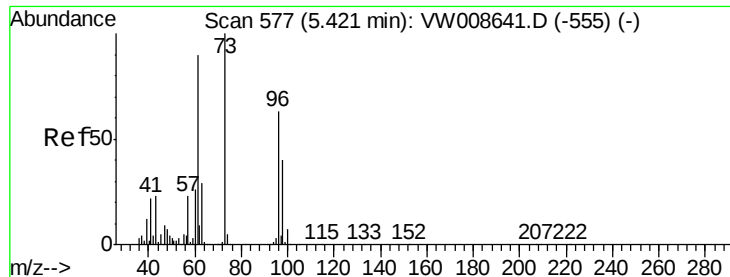
Tot Ion: 76 Resp: 573279
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 41.947 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion: 43 Resp: 81660
Ion Ratio Lower Upper
43 100
74 24.3 19.0 28.4

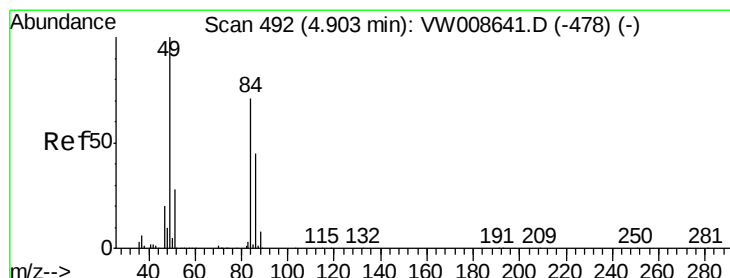
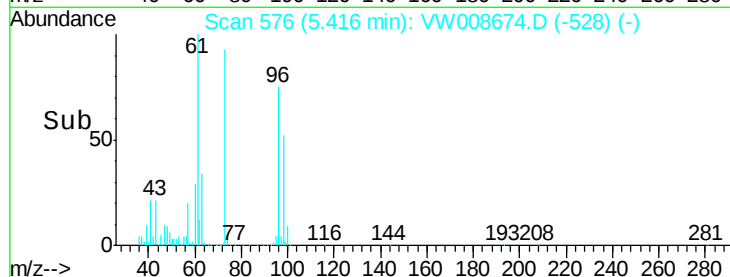
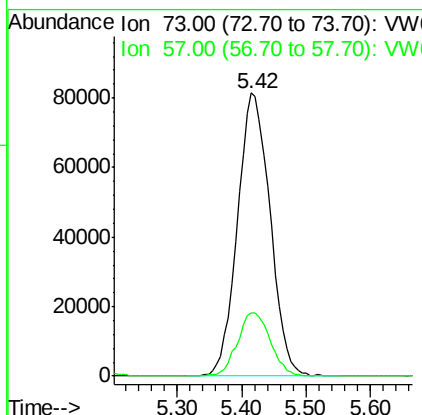
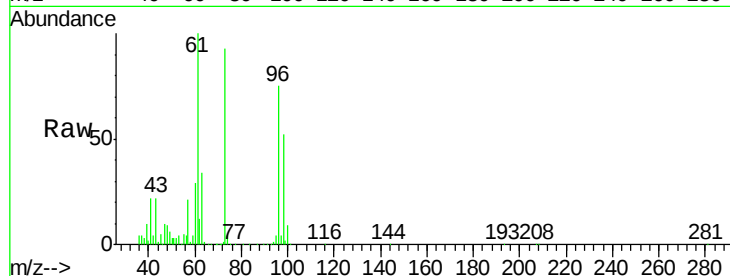




#19
Methvl tert-butvl Ether
Concen: 46.146 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

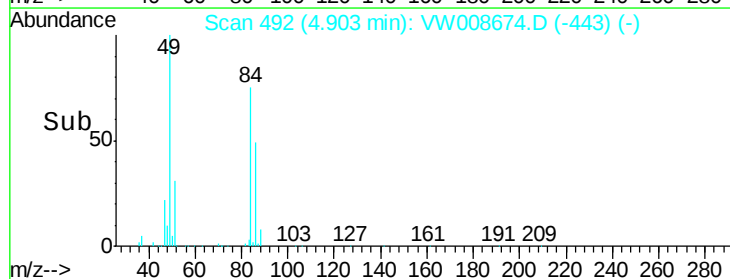
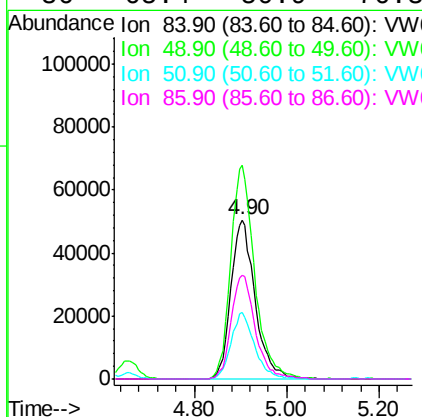
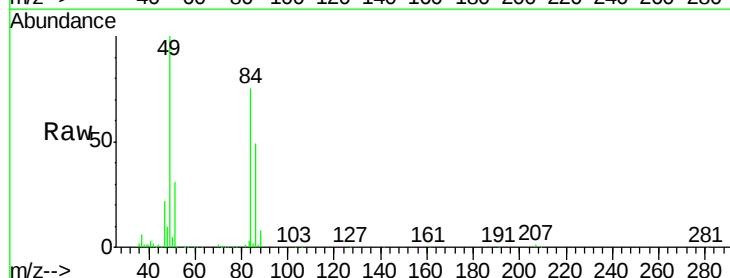
Instrument :
MSVOA_W
ClientSampleId :

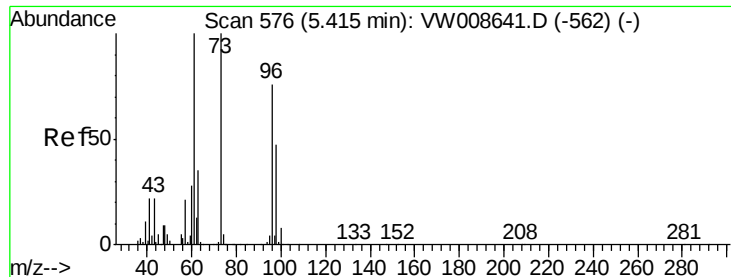
Tot Ion: 73 Resp: 284792
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.2



#20
Methylene Chloride
Concen: 48.744 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion: 84 Resp: 183645
Ion Ratio Lower Upper
84 100
49 134.2 113.3 169.9
51 42.0 32.1 48.1
86 65.4 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 54.261 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

ClientSampleId :

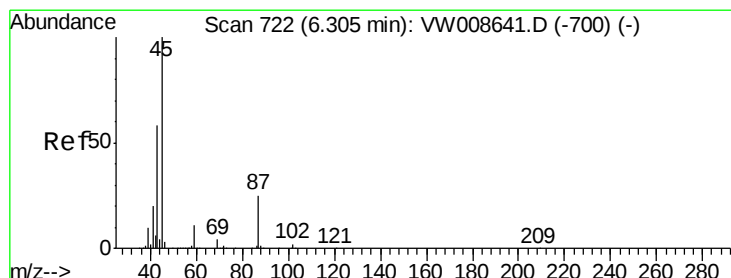
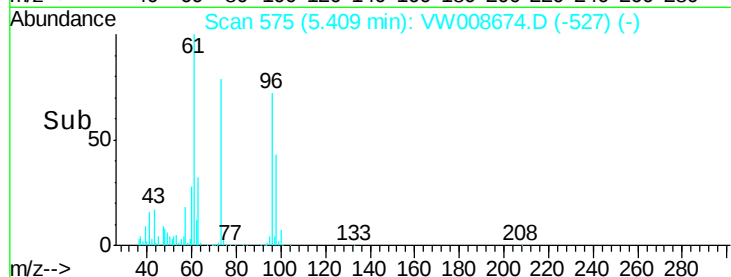
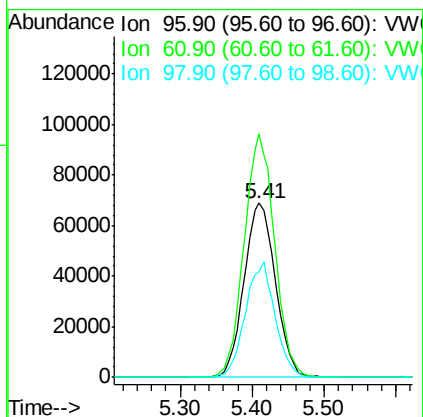
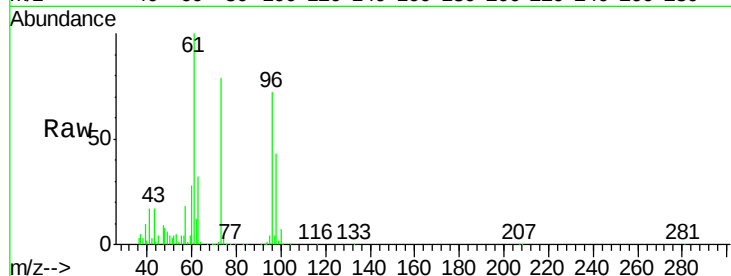
Tot Ion: 96 Resp: 208908

Ion Ratio Lower Upper

96 100

61 139.7 105.9 158.9

98 60.4 49.8 74.6



#22

Diisopropyl ether

Concen: 48.835 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Tgt Ion: 45 Resp: 574095

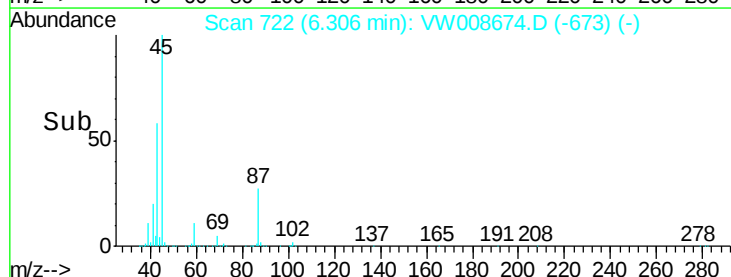
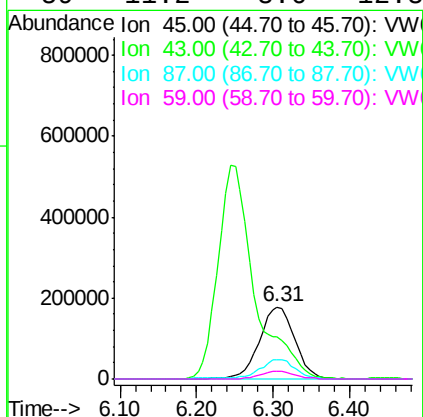
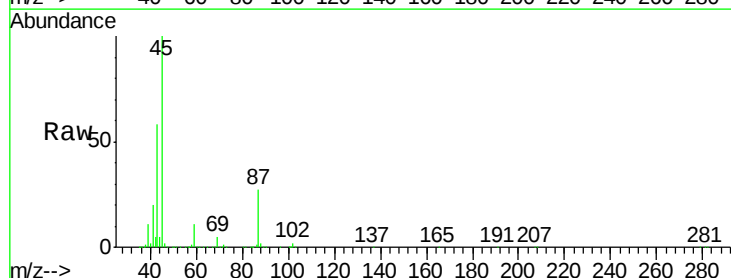
Ion Ratio Lower Upper

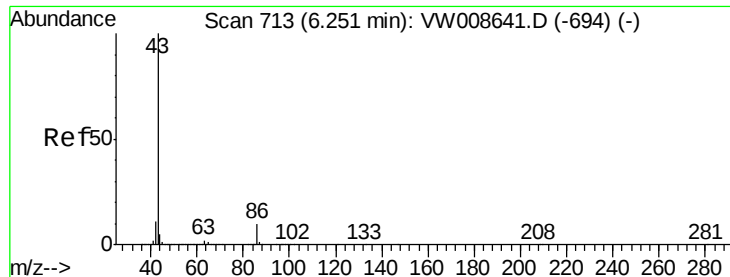
45 100

43 57.5 46.1 69.1

87 26.9 20.5 30.7

59 11.2 8.6 12.8





#23

Vinyl Acetate

Concen: 229.441 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

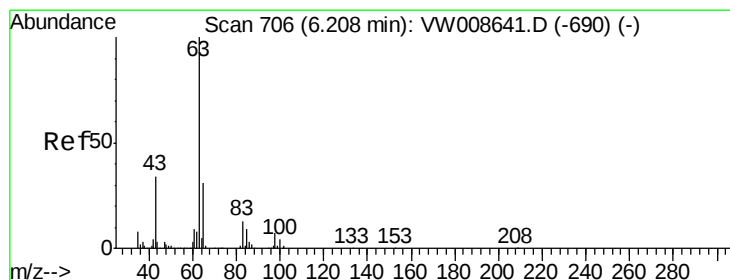
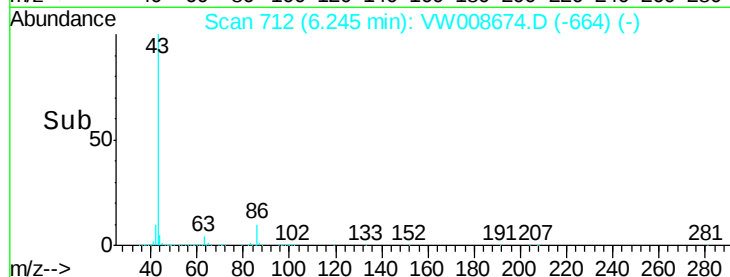
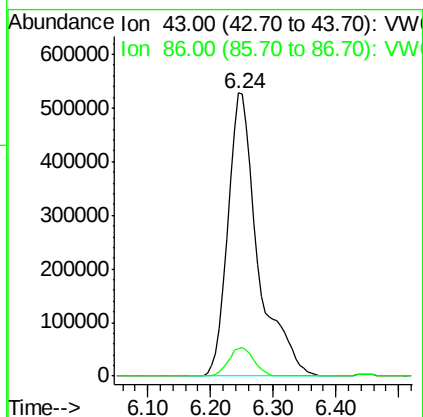
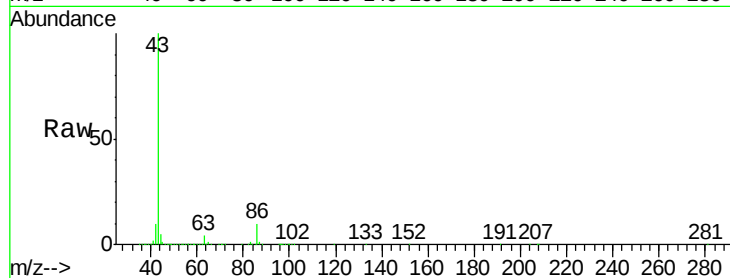
ClientSampled :

Tot Ion: 43 Resp: 1750600

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 52.754 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

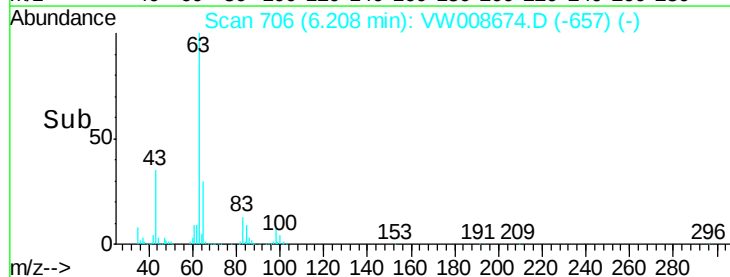
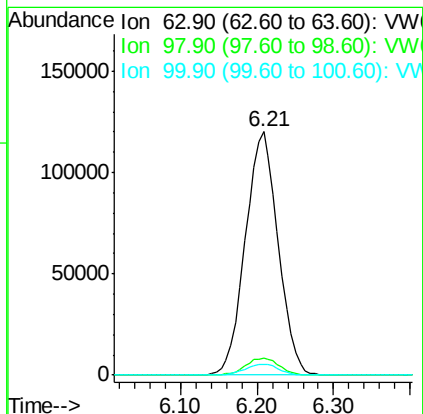
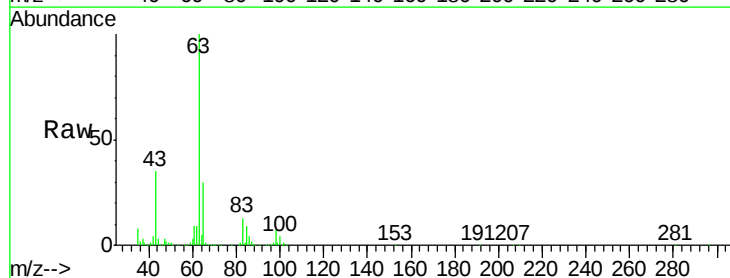
Tgt Ion: 63 Resp: 357866

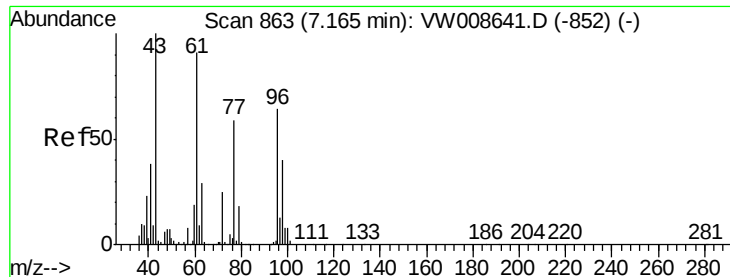
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 214.659 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

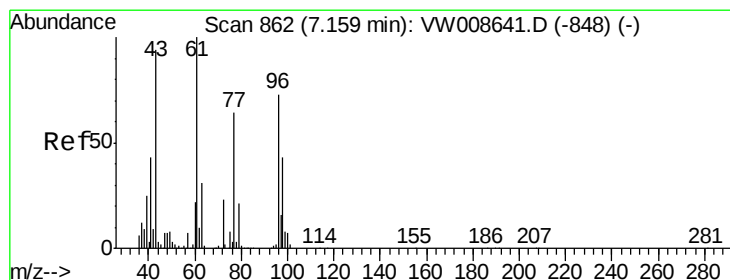
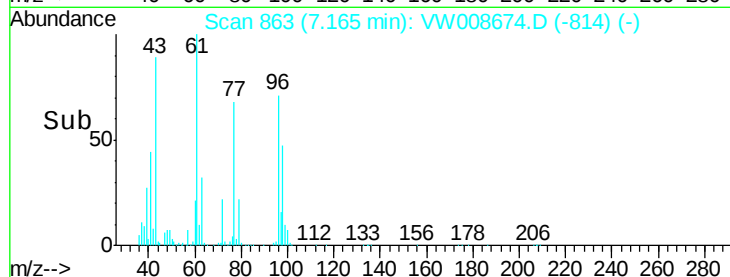
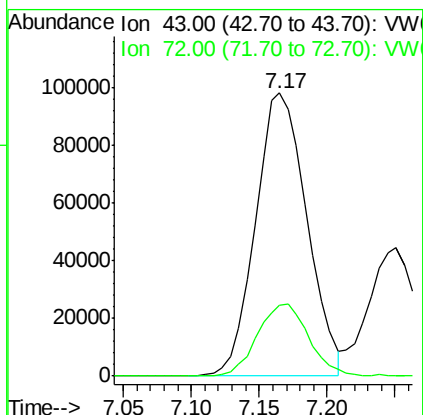
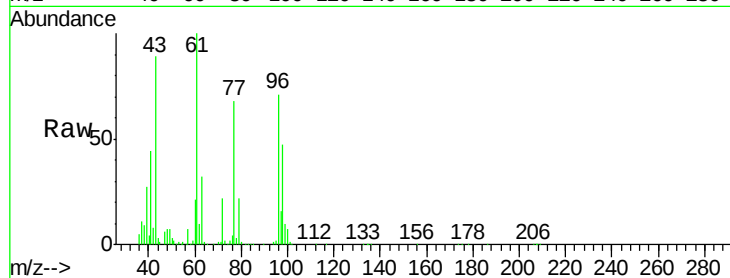
ClientSampled :

Tot Ion: 43 Resp: 258230

Ion Ratio Lower Upper

43 100

72 24.9 19.7 29.5



#26

2,2-Dichloropropane

Concen: 54.940 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW008674.D

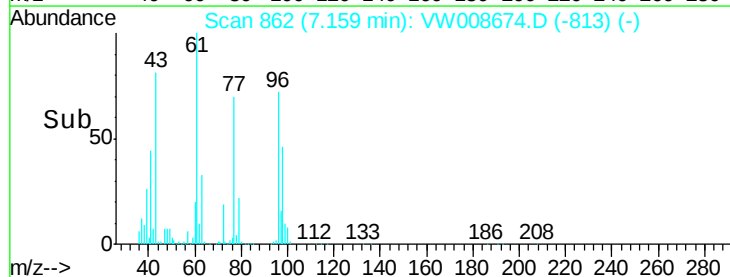
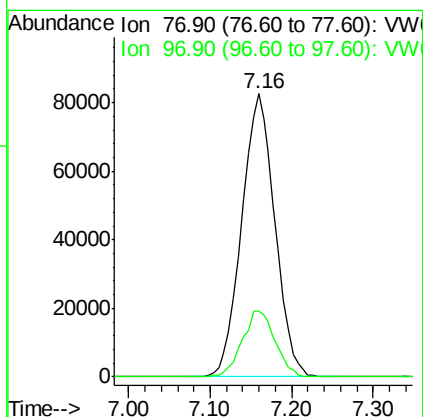
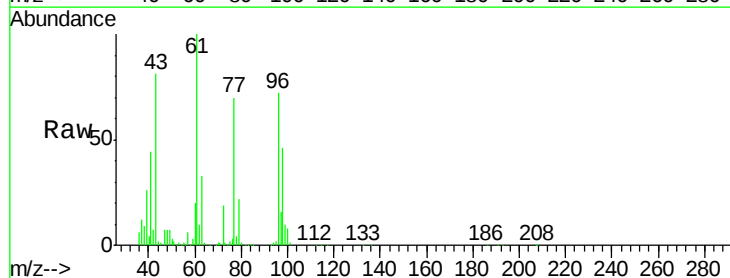
Acq: 15 Feb 2019 10:16

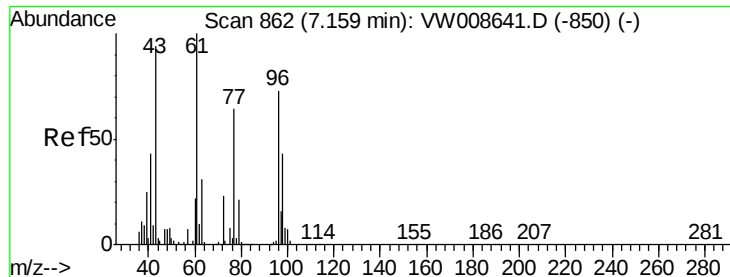
Tgt Ion: 77 Resp: 232827

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0



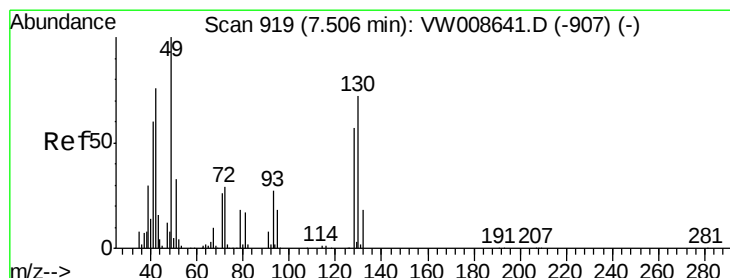
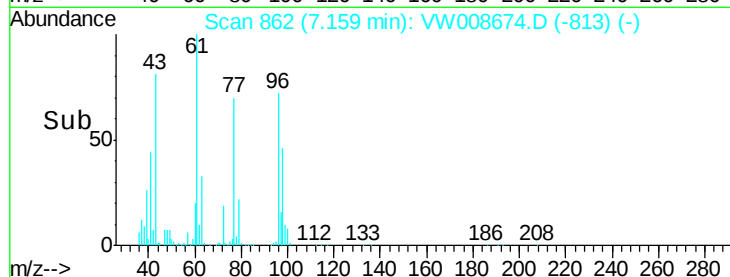
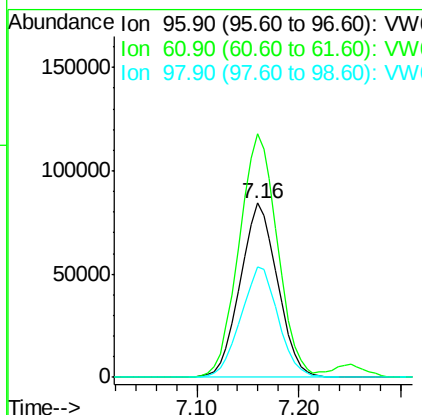
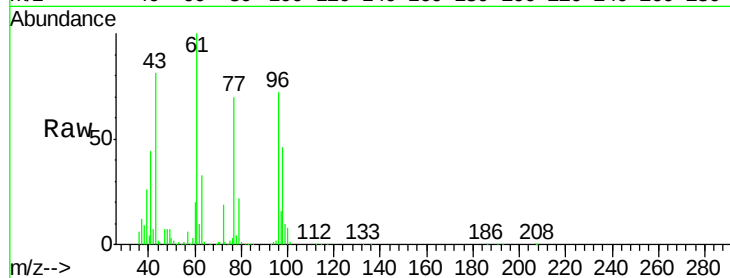


#27

cis-1,2-Dichloroethene
 Concen: 51.371 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

Instrument :
 MSVOA_W
 ClientSampled :

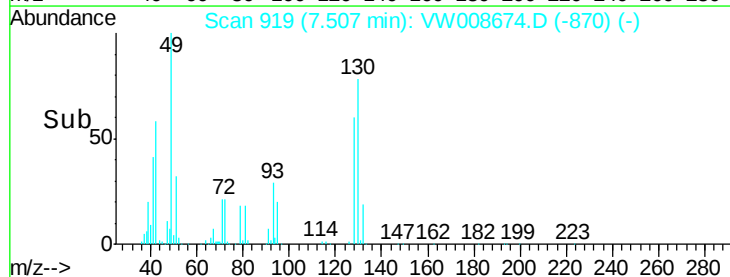
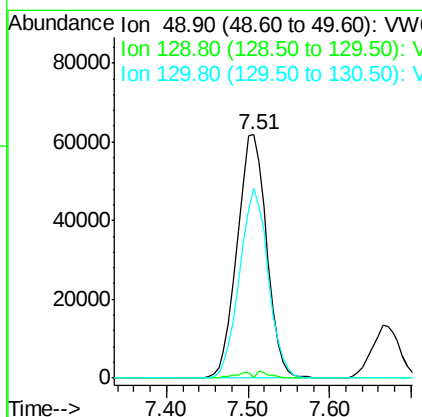
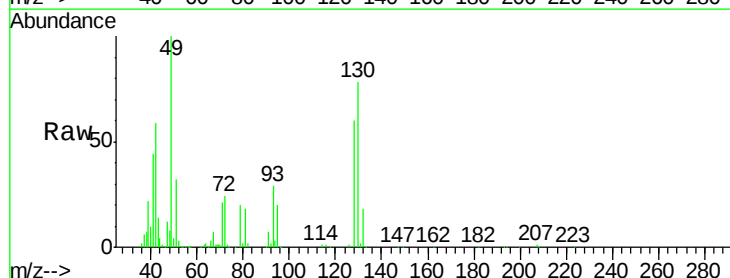
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	286.4
98	64.1	0.0	125.0

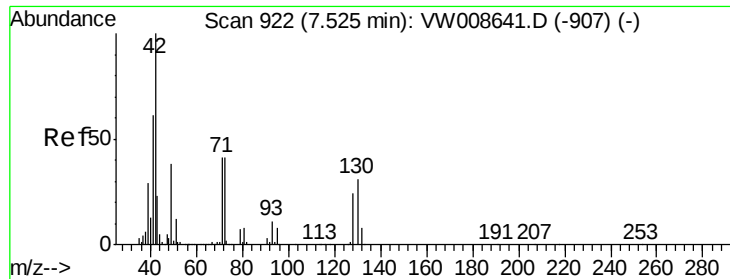


#28

Bromochloromethane
 Concen: 54.076 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.2
130	75.8	59.4	89.0

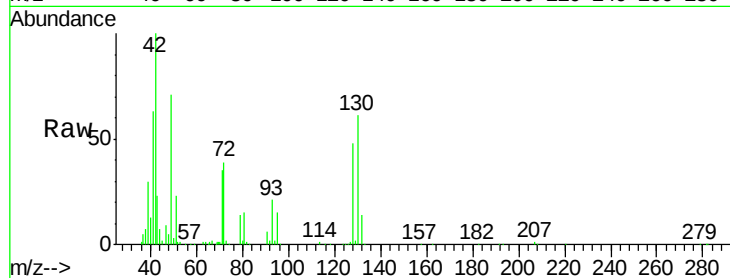




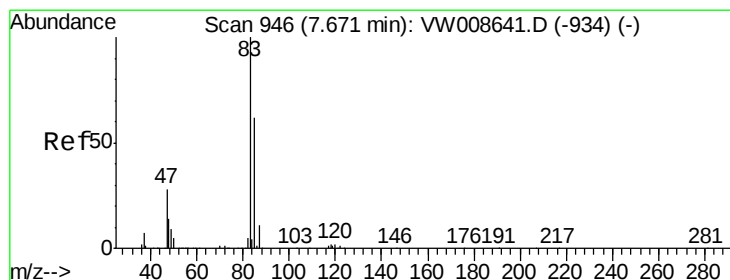
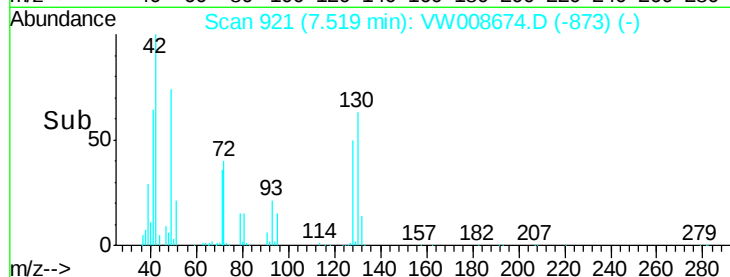
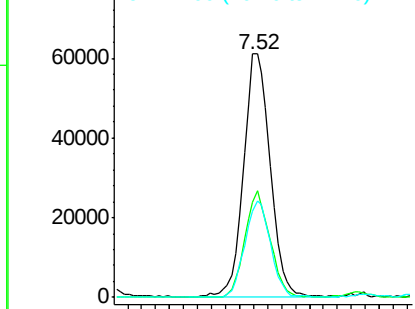
#29
Tetrahydrofuran
Concen: 204.932 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.2	48.2
71	38.0	31.0	46.6

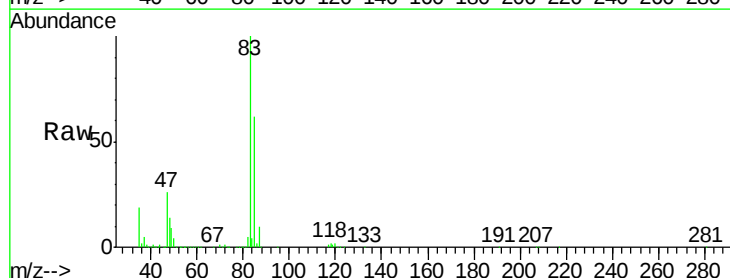


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

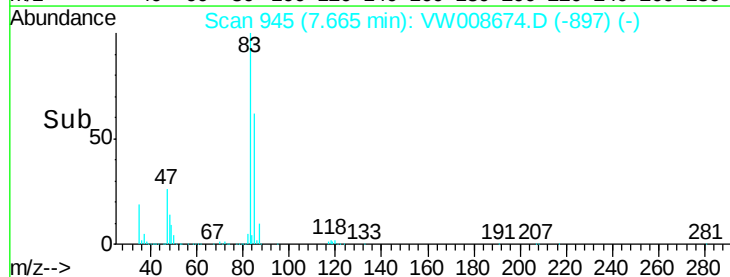
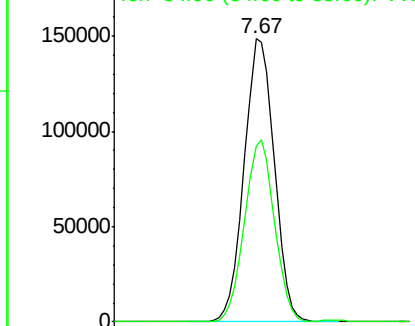


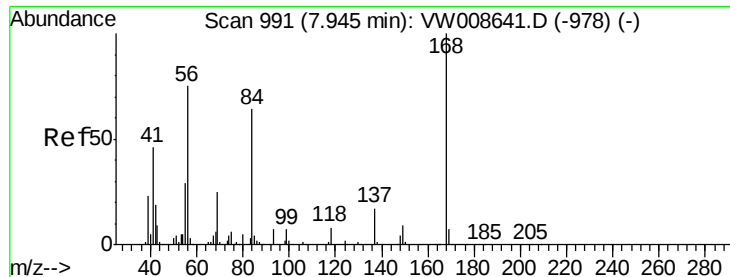
#30
Chloroform
Concen: 52.771 ug/l
RT: 7.67 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	49.8	74.8



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

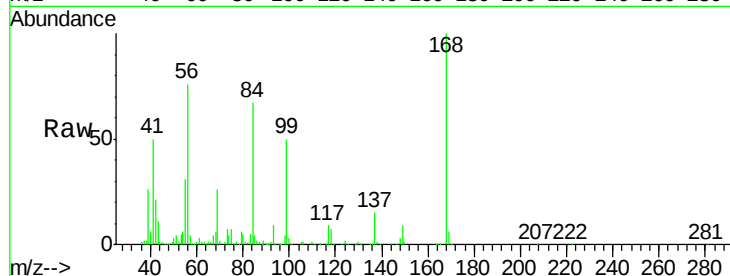




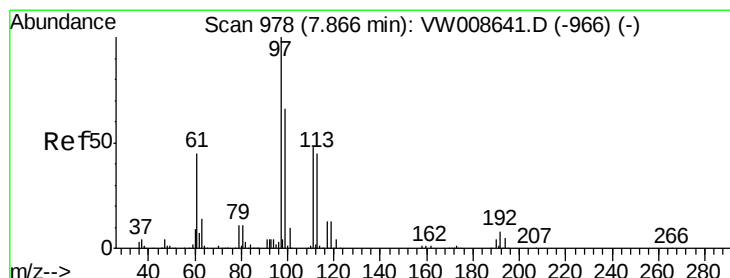
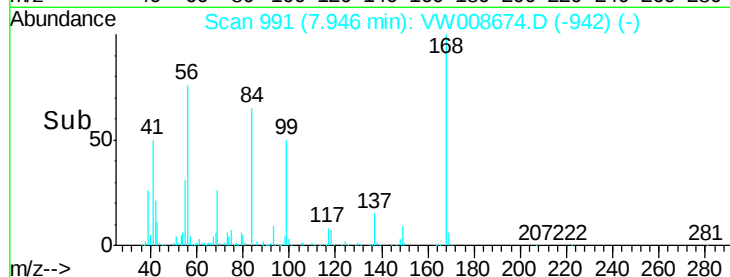
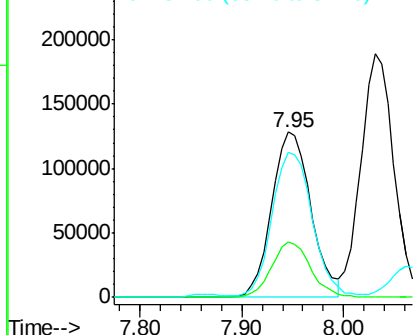
#31
Cyclohexane
Concen: 49.945 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 341971
Ion Ratio Lower Upper
56 100
69 33.4 26.4 39.6
84 86.6 67.4 101.2

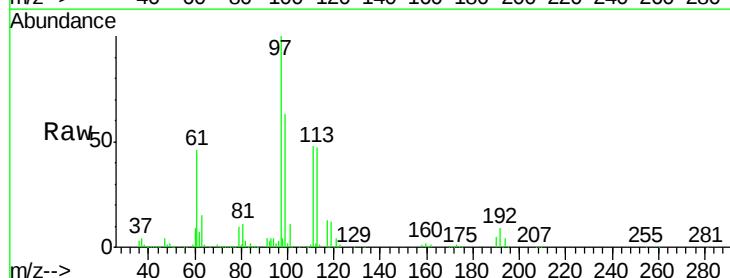


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

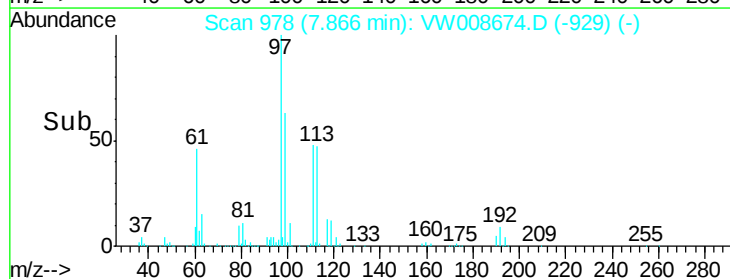
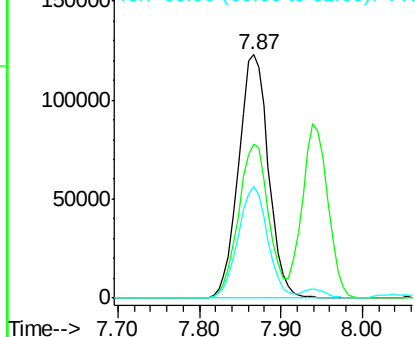


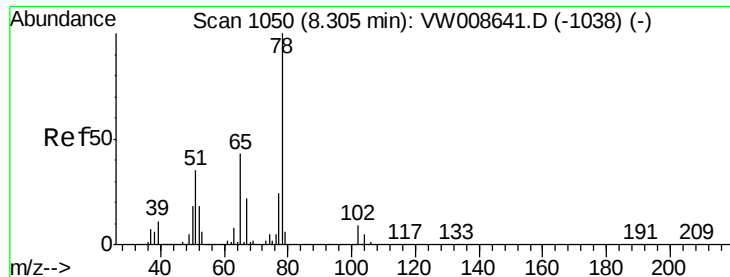
#32
1,1,1-Trichloroethane
Concen: 54.540 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion: 97 Resp: 313094
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 45.0 35.8 53.6



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: 49.911 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

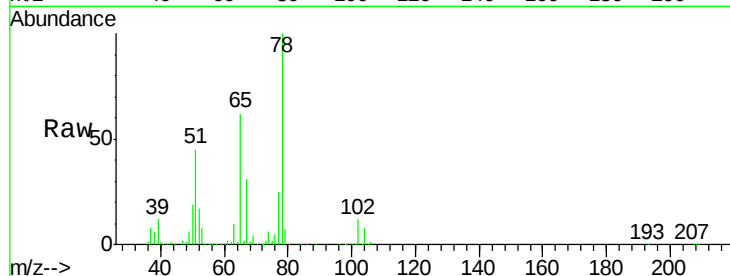
ClientSampleId :

Tot Ion: 65 Resp: 186858

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

100000

80000

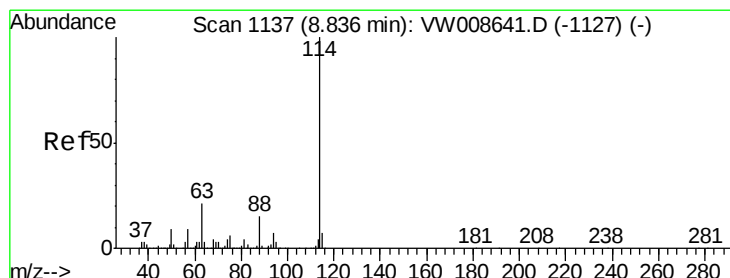
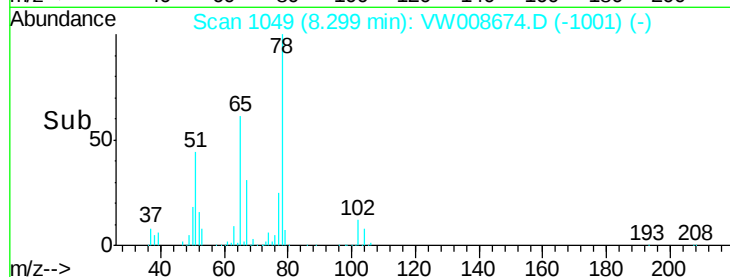
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

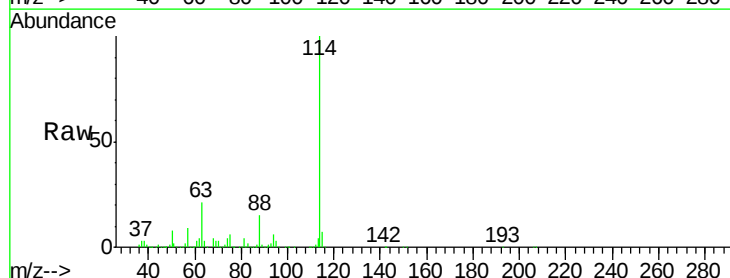
Tgt Ion: 114 Resp: 521319

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.2

88 14.8 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

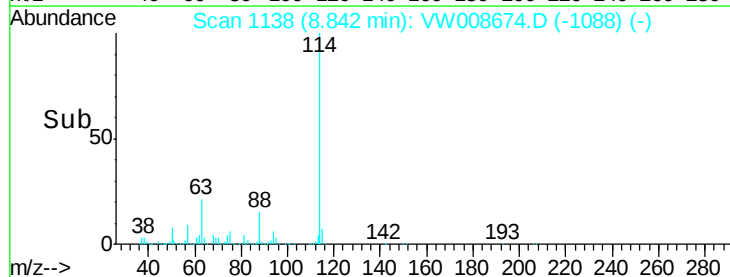
300000

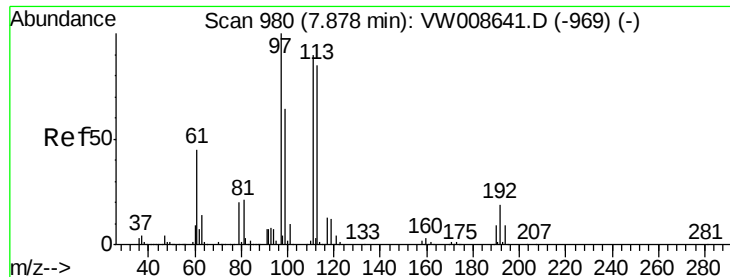
200000

100000

0

Time-->

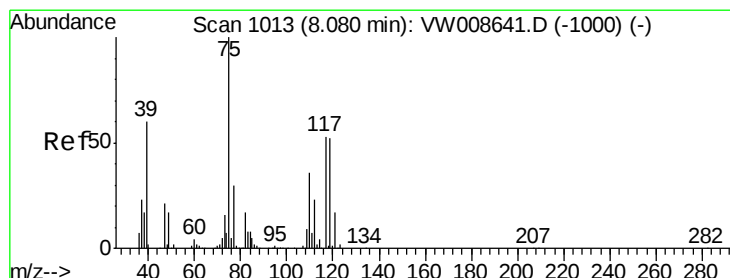
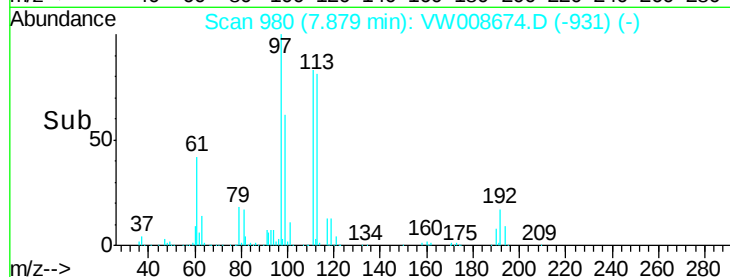
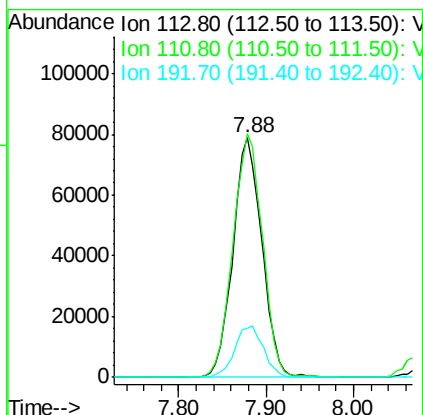
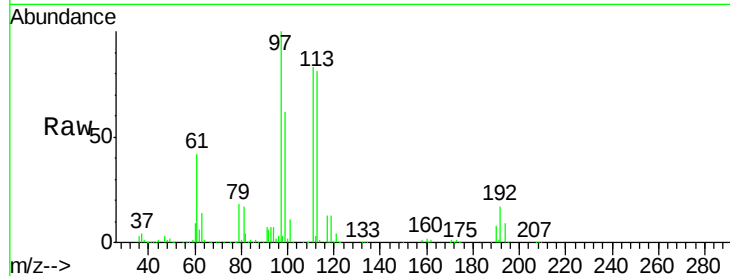




#35
 Dibromofluoromethane
 Concen: 56.131 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

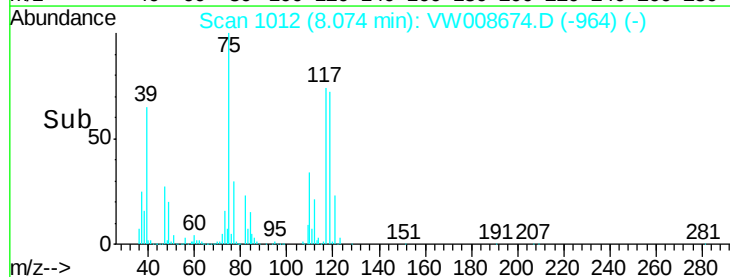
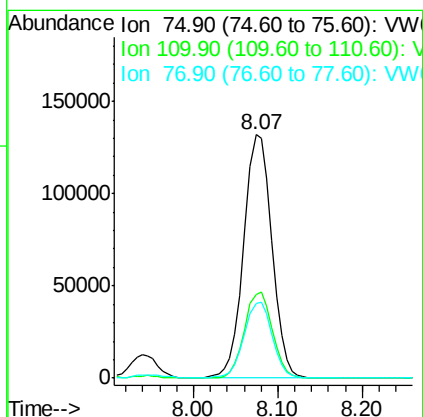
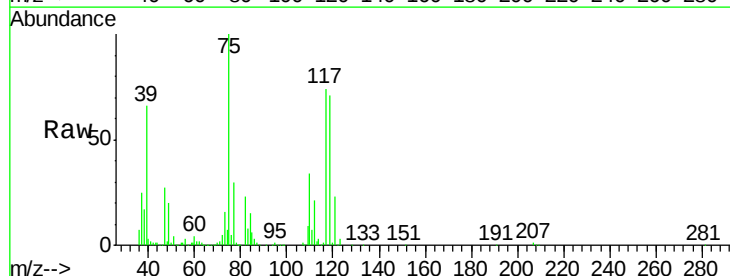
Instrument :
 MSVOA_W
 ClientSampleId :

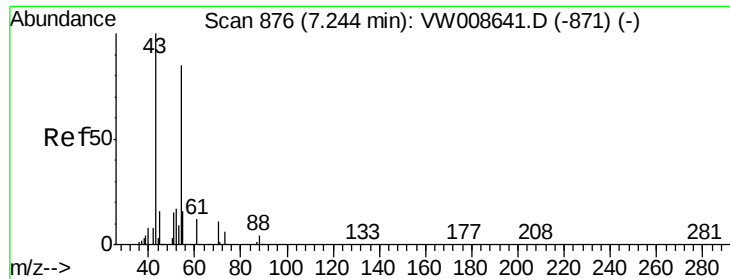
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	84.0	126.0
192	21.6	17.4	26.2



#36
 1,1-Dichloropropene
 Concen: 56.849 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.8	53.3
77	31.4	24.7	37.1

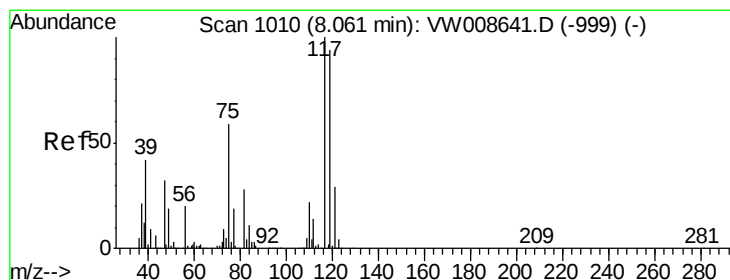
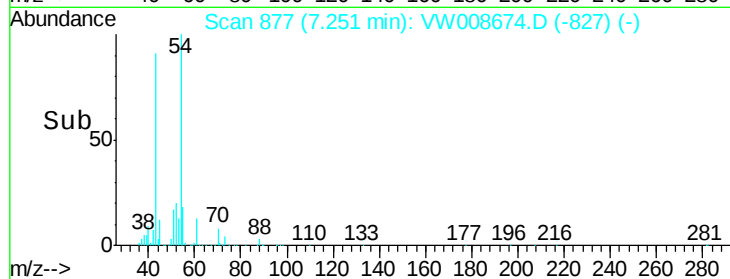
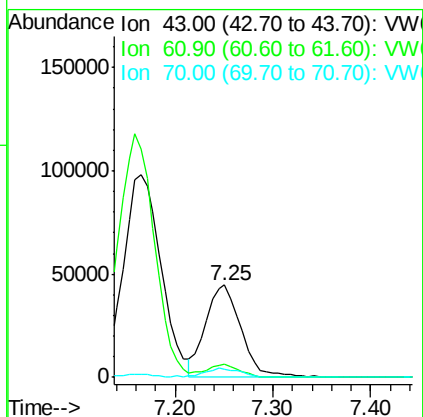
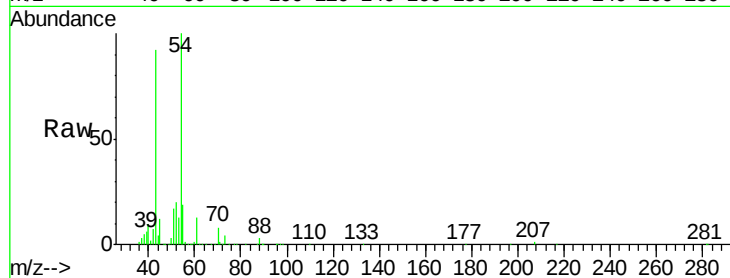




#37
Ethyl Acetate
Concen: 44.247 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

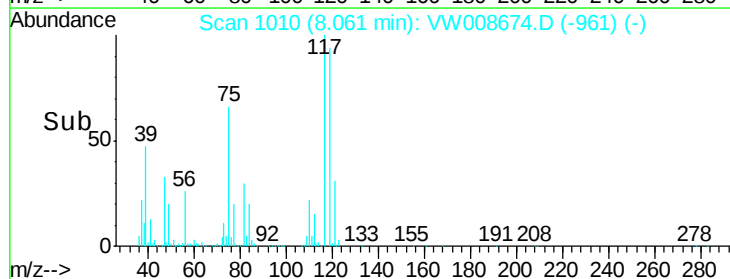
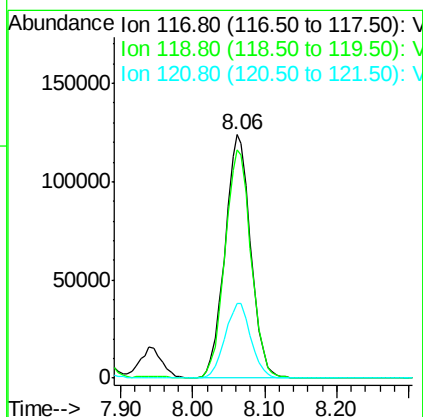
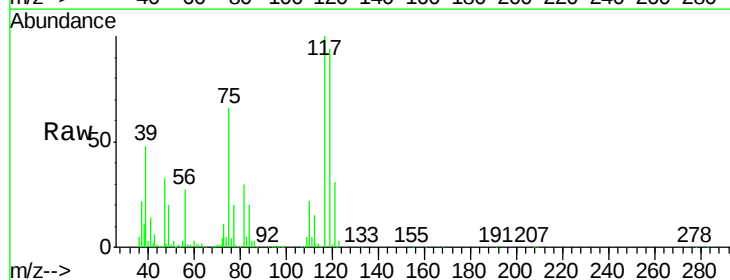
Instrument :
MSVOA_W
ClientSampled :

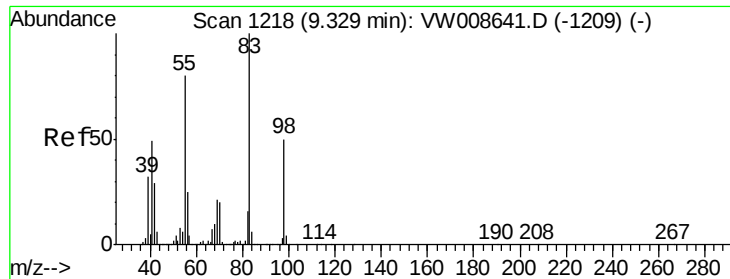
Tot Ion: 43 Resp: 111791
Ion Ratio Lower Upper
43 100
61 12.6 10.5 15.7
70 9.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 58.991 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion: 117 Resp: 307234
Ion Ratio Lower Upper
117 100
119 93.7 75.1 112.7
121 30.6 23.5 35.3

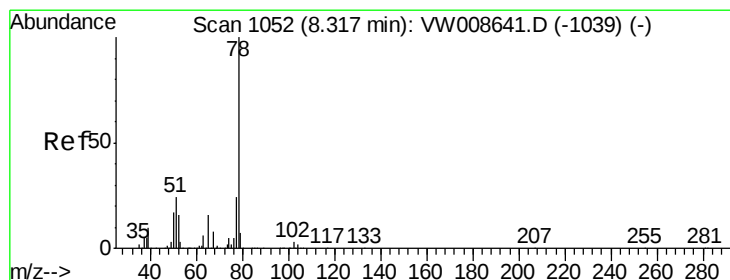
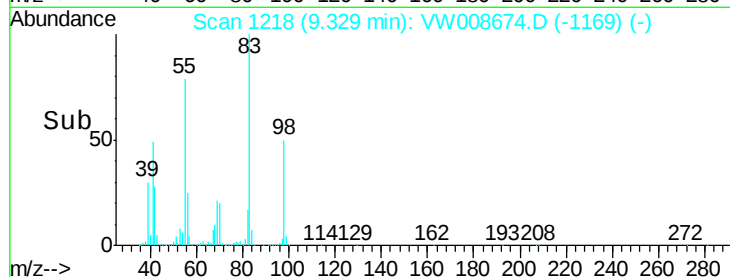
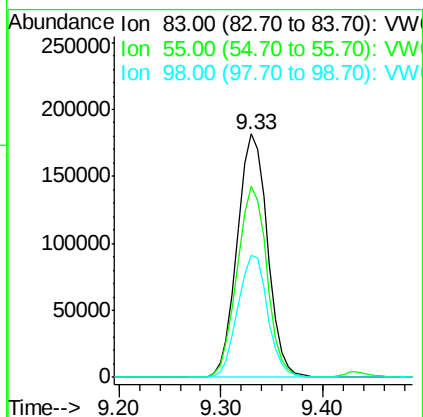
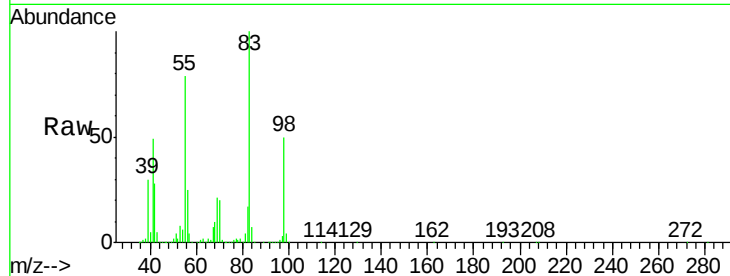




#39
Methvlcvclohexane
Concen: 56.518 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

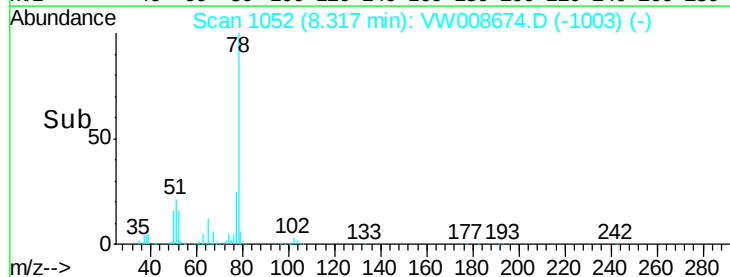
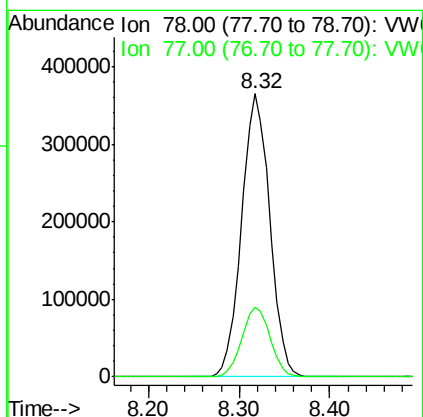
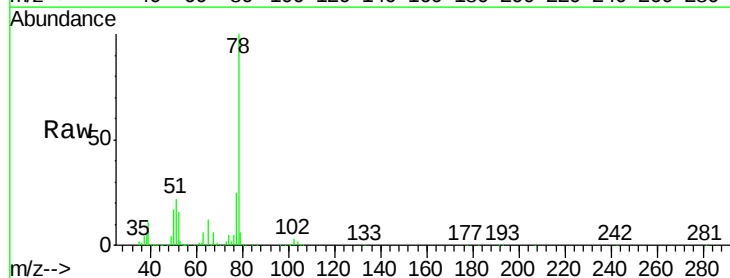
Instrument :
MSVOA_W
ClientSampleId :

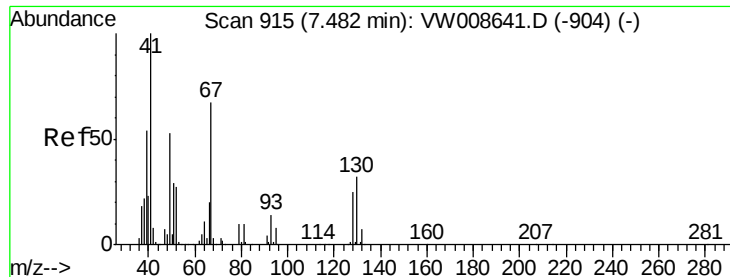
Tot Ion: 83 Resp: 374414
Ion Ratio Lower Upper
83 100
55 78.7 63.9 95.9
98 50.2 40.2 60.2



#40
Benzene
Concen: 54.848 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion: 78 Resp: 784556
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3

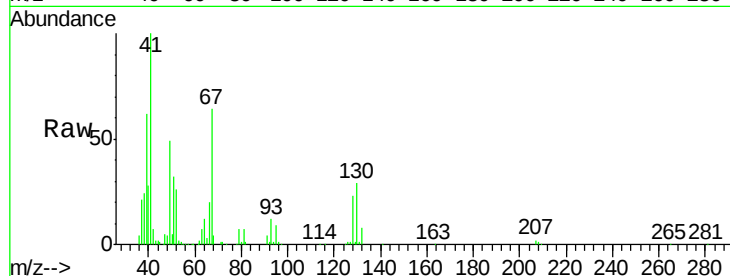




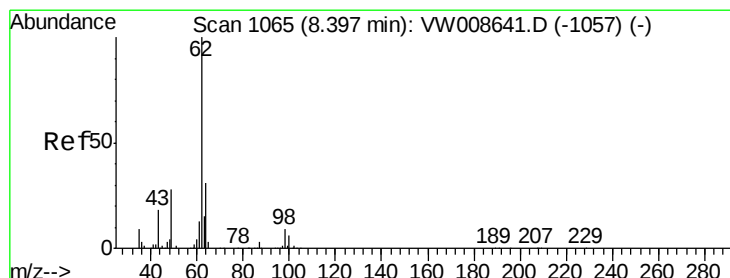
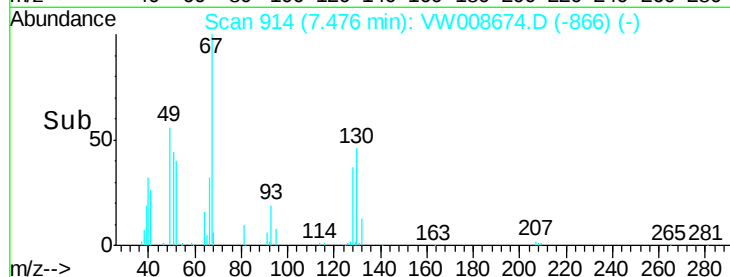
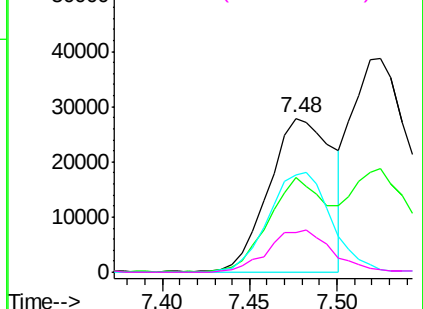
#41
Methacrylonitrile
Concen: 49.815 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	70813
Ion	Ratio	Lower	Upper
41	100		
39	51.7	39.7	59.5
67	63.9	52.5	78.7
52	27.8	23.1	34.7

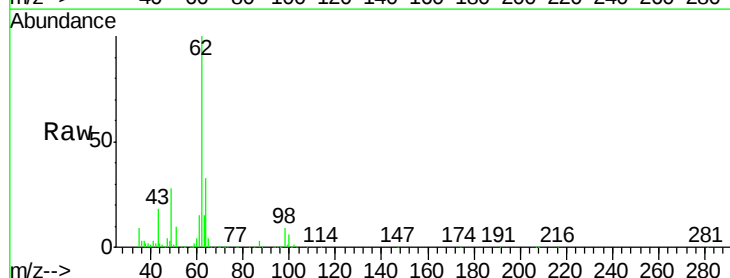


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

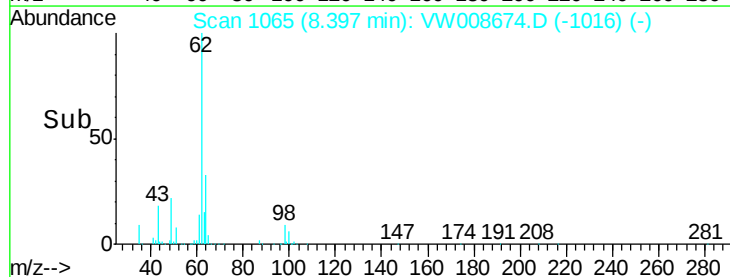
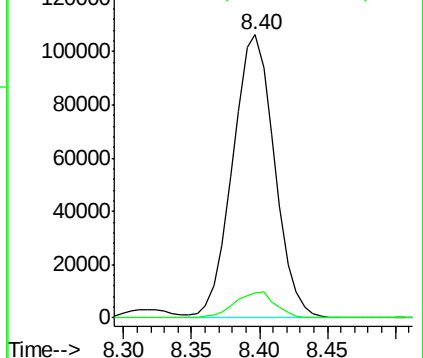


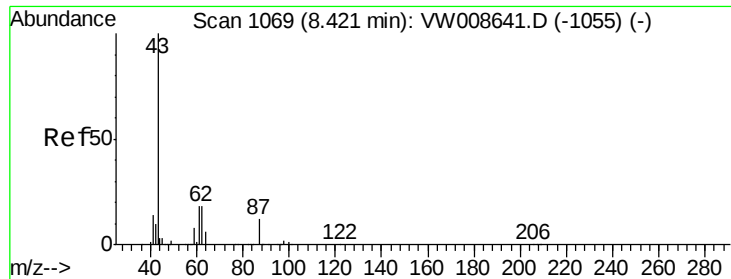
#42
1,2-Dichloroethane
Concen: 51.348 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion:	62	Resp:	227827
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW



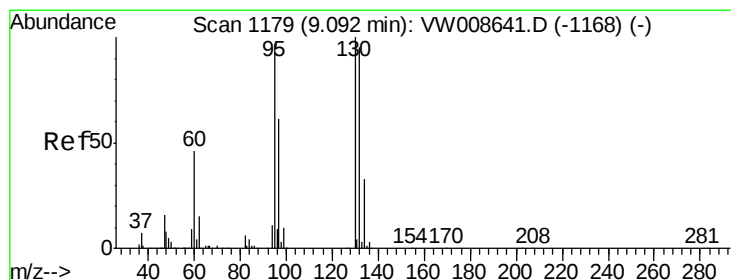
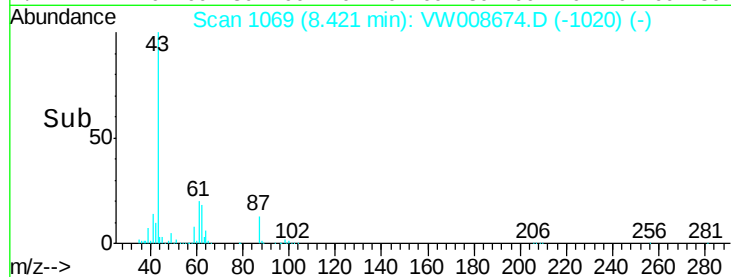
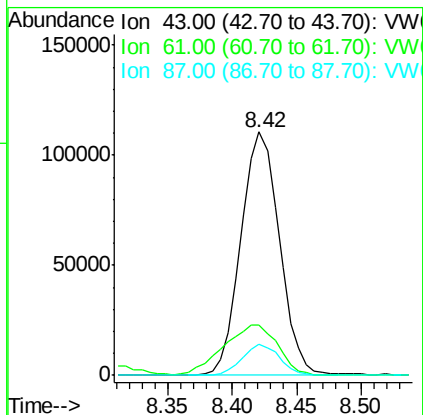
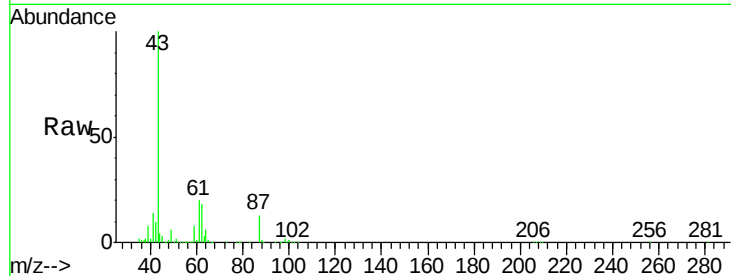


#43

Isopropyl Acetate
 Concen: 45.391 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

Instrument :
 MSVOA_W
 ClientSampled :

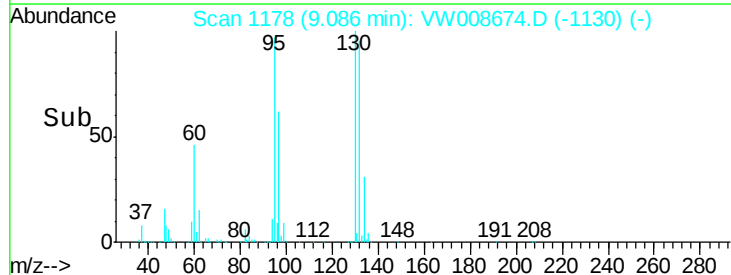
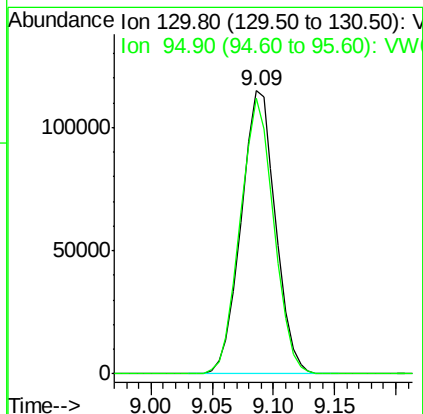
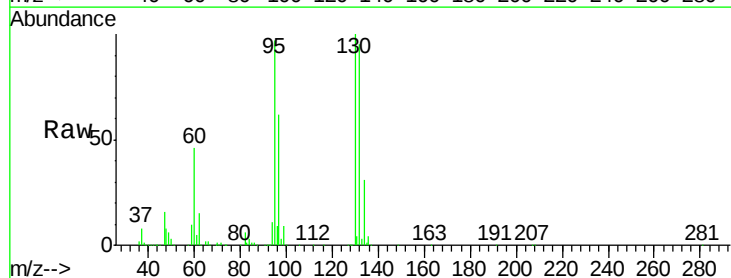
Tot Ion	43	Resp	228675
Ion Ratio	Lower	Upper	
43	100		
61	29.0	21.4	32.2
87	12.5	9.8	14.8

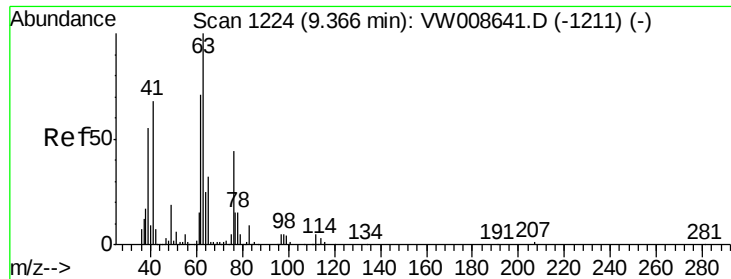


#44

Trichloroethene
 Concen: 56.537 ug/l
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

Tgt Ion	130	Resp	224231
Ion Ratio	Lower	Upper	
130	100		
95	97.4	0.0	193.4





#45

1,2-Dichloropropane

Concen: 54.187 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

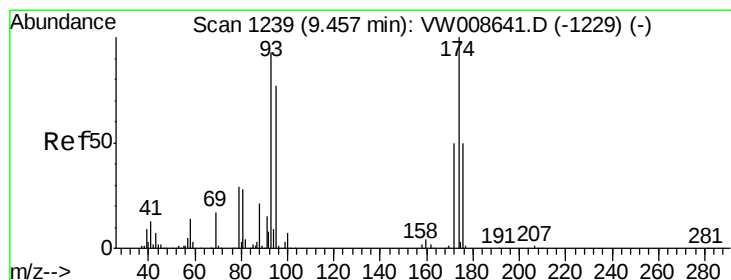
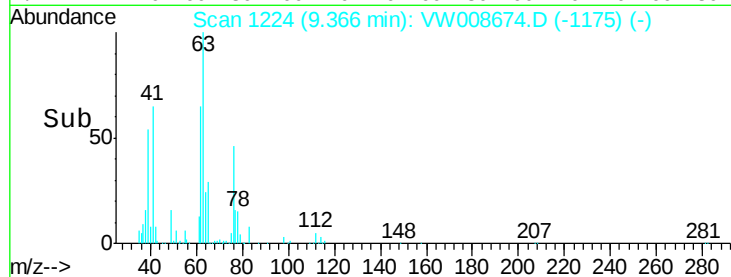
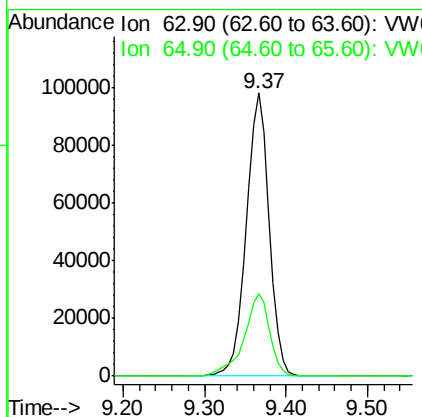
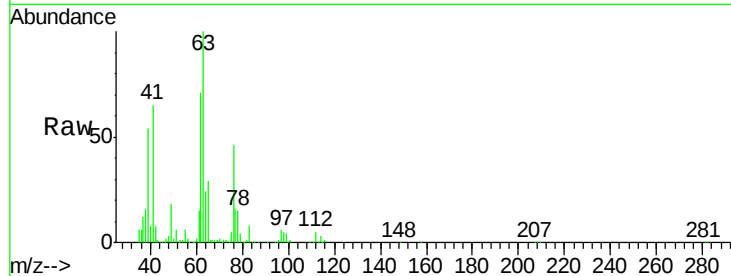
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 191825

Ion Ratio Lower Upper

63 100

65 29.1 25.4 38.0



#46

Dibromomethane

Concen: 50.323 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

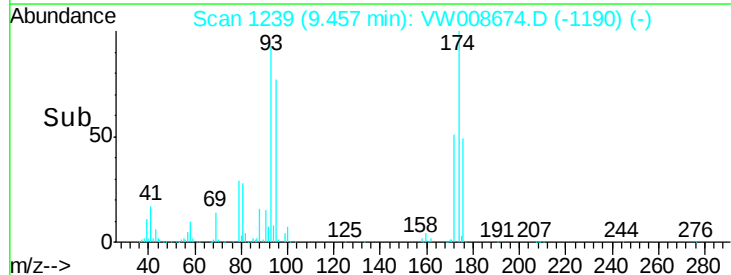
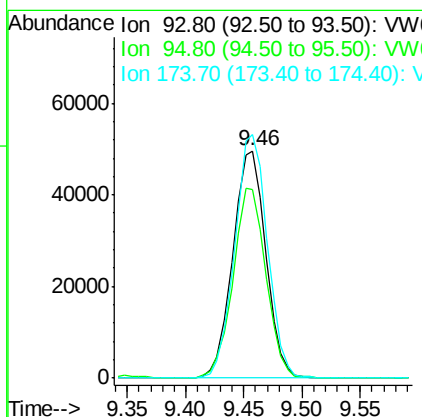
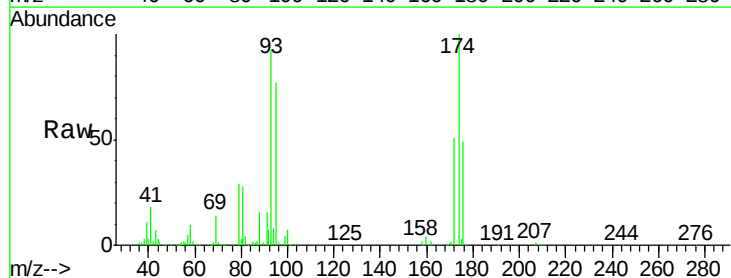
Tgt Ion: 93 Resp: 98135

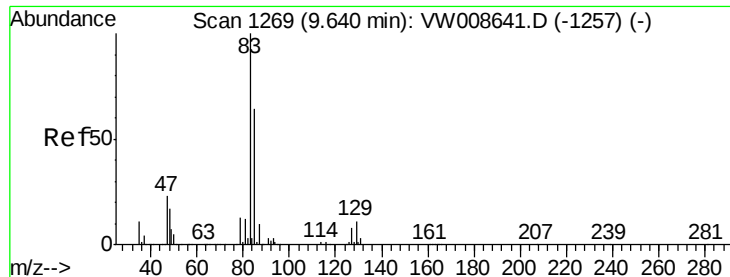
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 106.2 82.5 123.7





#47

Bromodichloromethane

Concen: 54.987 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

ClientSampleId :

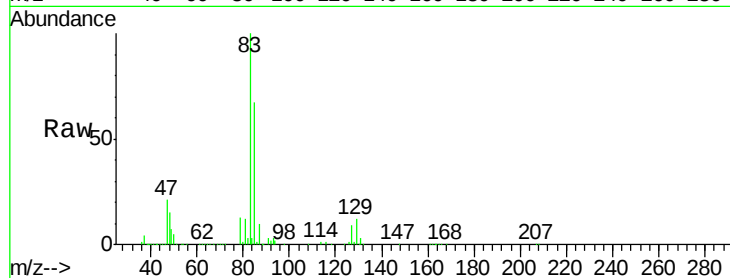
Tot Ion: 83 Resp: 257705

Ion Ratio Lower Upper

83 100

85 66.7 51.2 76.8

127 9.1 6.4 9.6



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

150000

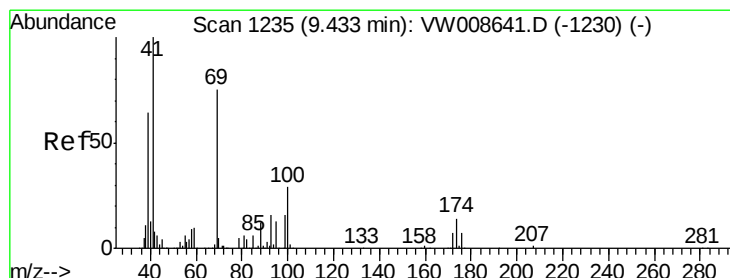
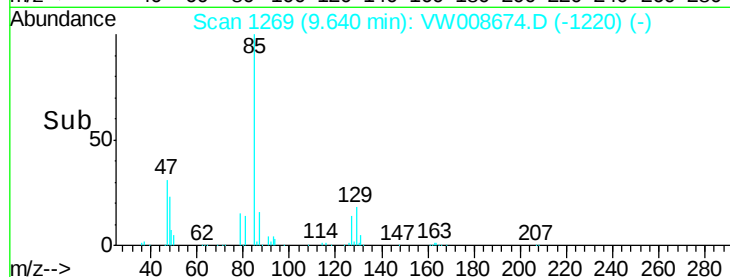
100000

50000

0

9.55 9.60 9.65 9.70

Time-->



#48

Methyl methacrylate

Concen: 46.880 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

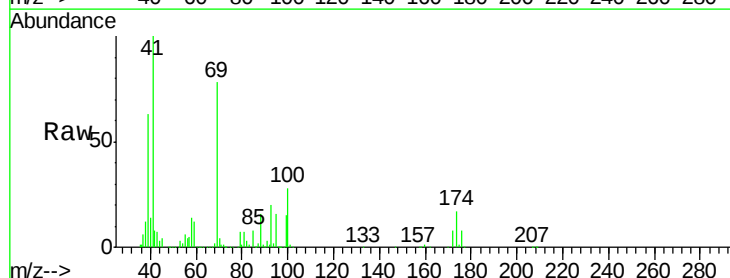
Tgt Ion: 41 Resp: 109452

Ion Ratio Lower Upper

41 100

69 79.2 64.1 96.1

39 63.0 52.3 78.5



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

80000

60000

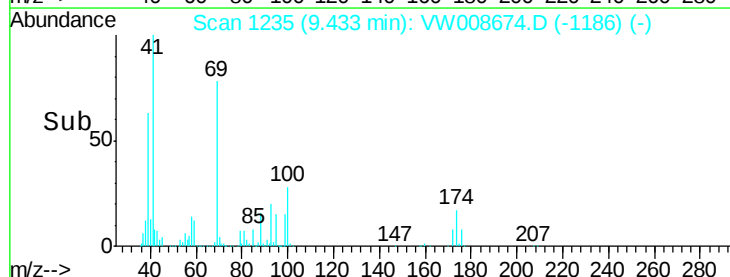
40000

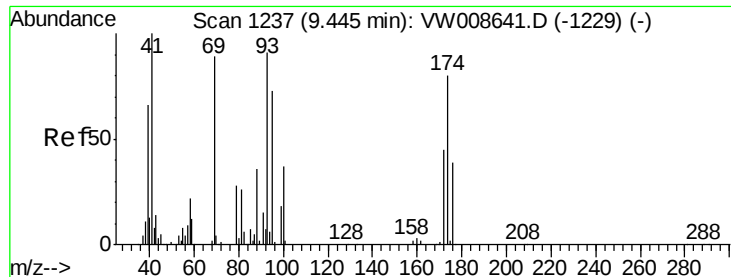
20000

0

9.40 9.45

Time-->

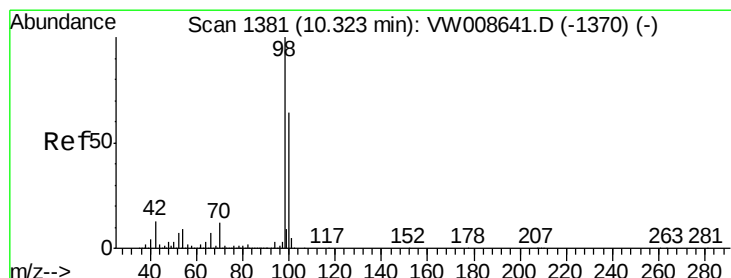
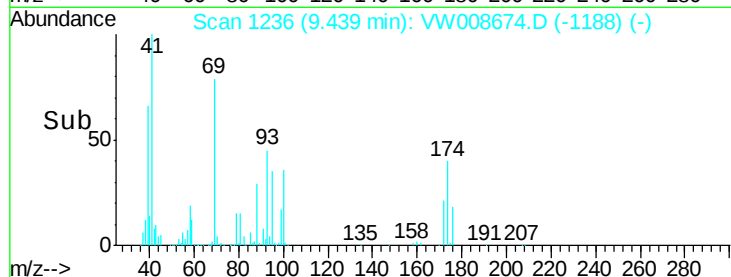
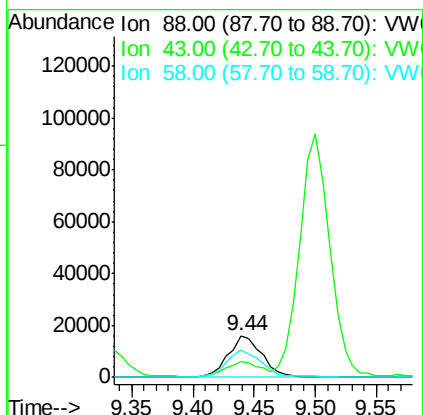
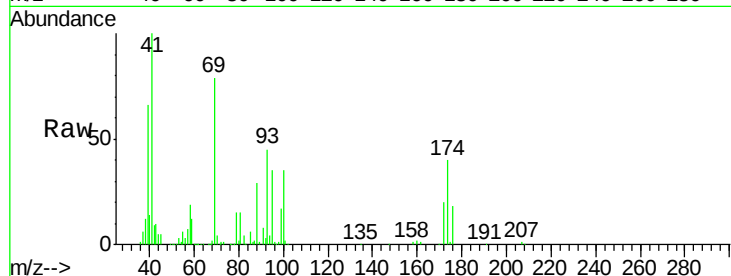




#49
1,4-Dioxane
Concen: 993.672 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

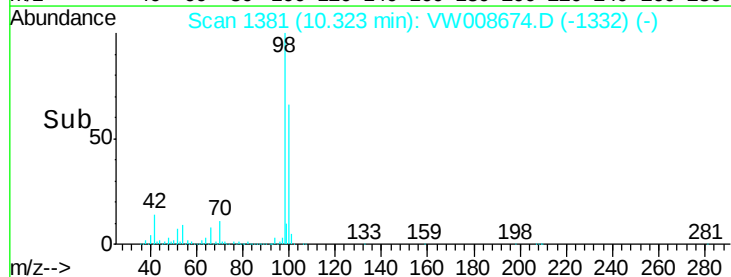
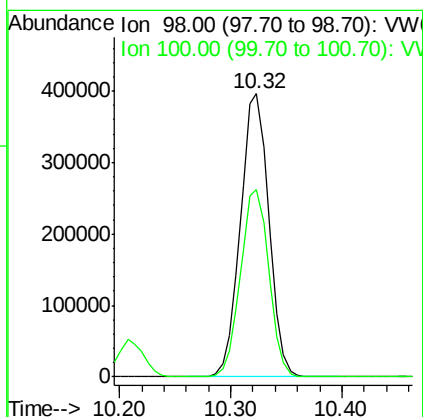
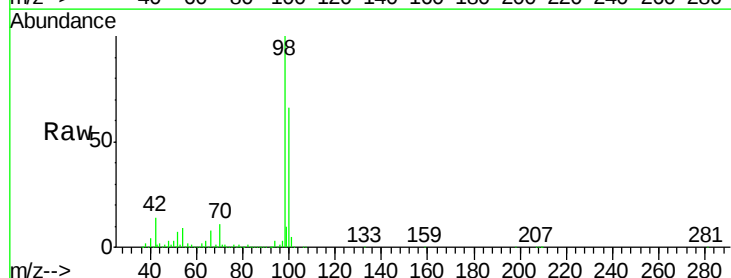
Instrument :
MSVOA_W
ClientSampled :

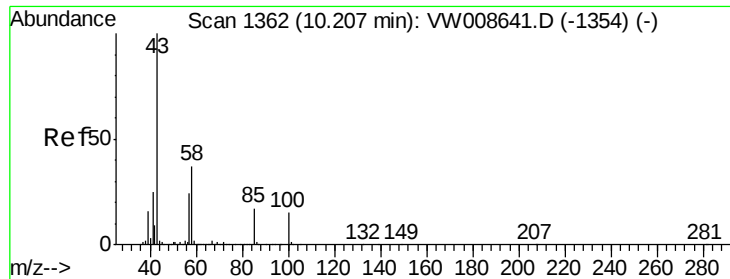
Tot Ion: 88 Resp: 30931
Ion Ratio Lower Upper
88 100
43 38.8 31.0 46.6
58 67.4 57.0 85.6



#50
Toluene-d8
Concen: 56.243 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion: 98 Resp: 701830
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 218.510 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

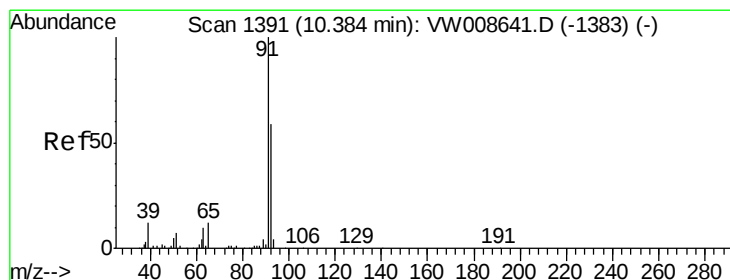
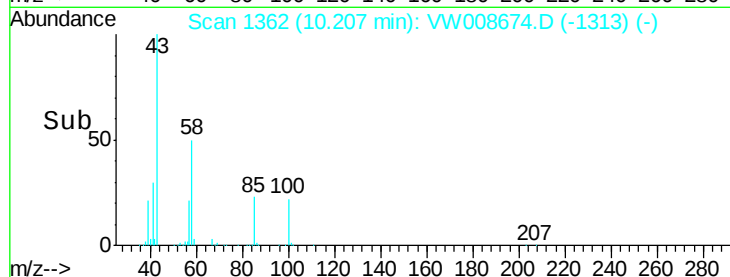
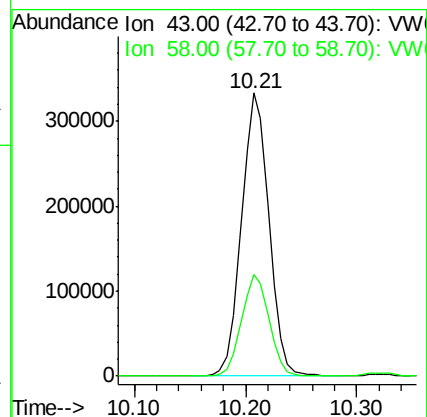
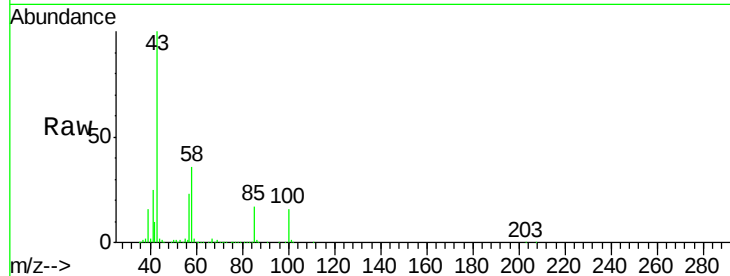
ClientSampleId :

Tot Ion: 43 Resp: 565486

Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6



#52

Toluene

Concen: 55.071 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008674.D

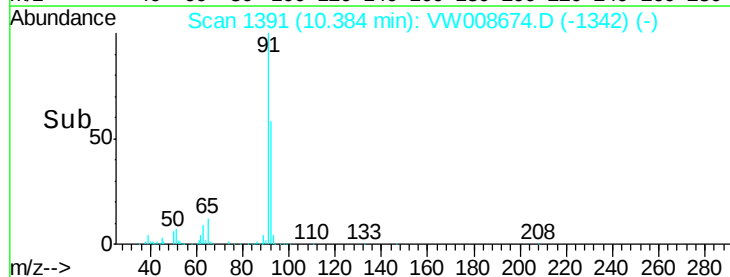
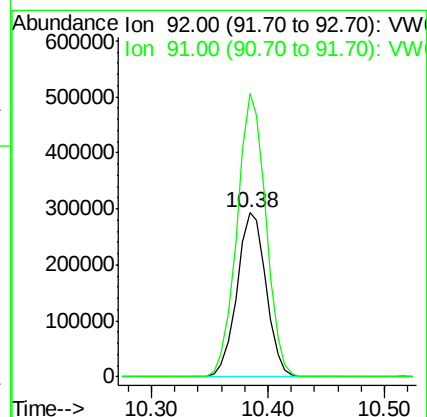
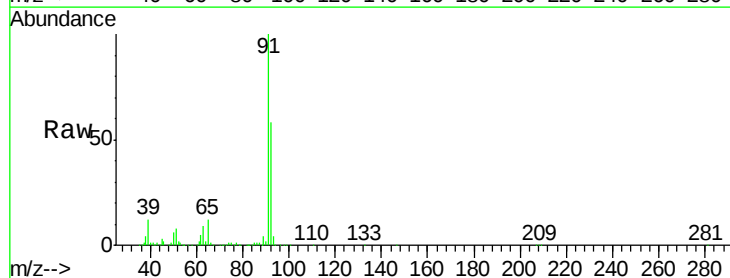
Acq: 15 Feb 2019 10:16

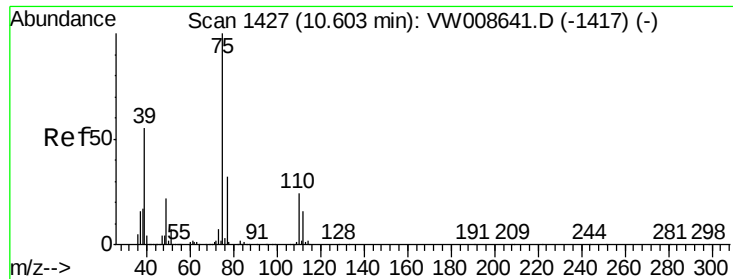
Tgt Ion: 92 Resp: 508196

Ion Ratio Lower Upper

92 100

91 171.8 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 52.257 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

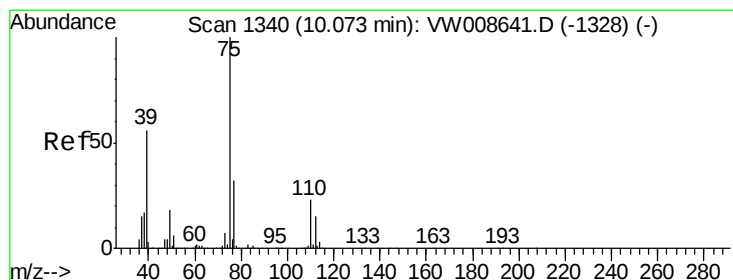
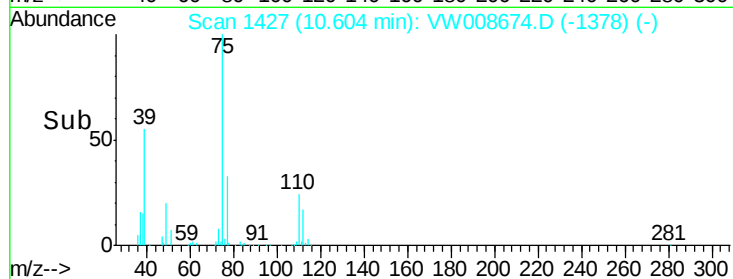
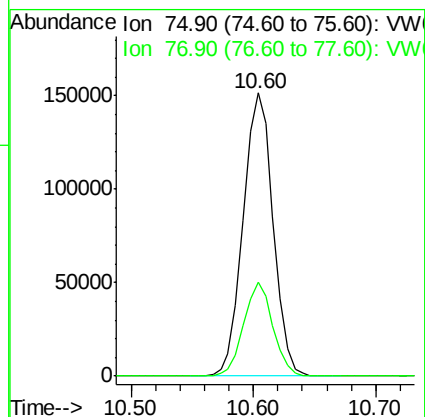
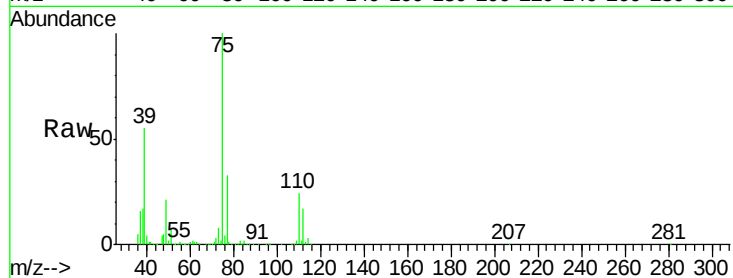
ClientSampleId :

Tot Ion: 75 Resp: 257287

Ion Ratio Lower Upper

75 100

77 33.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 53.813 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

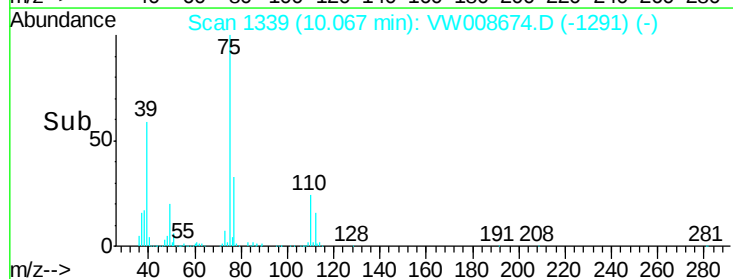
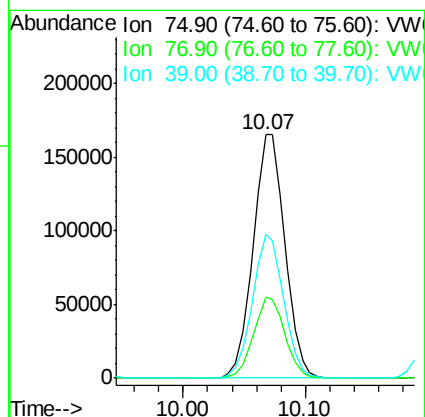
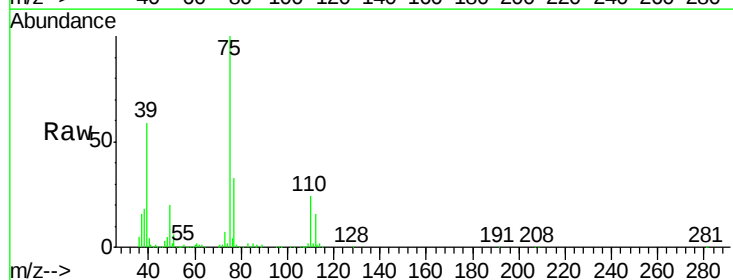
Tgt Ion: 75 Resp: 300344

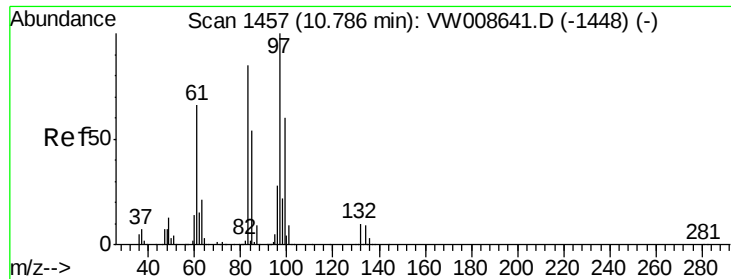
Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.0

39 59.1 44.5 66.7

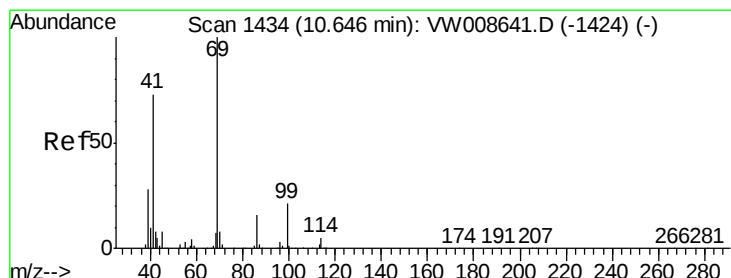
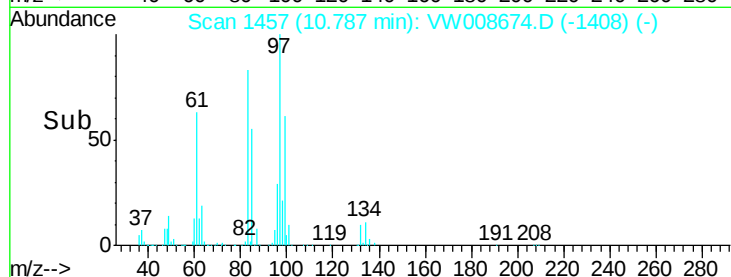
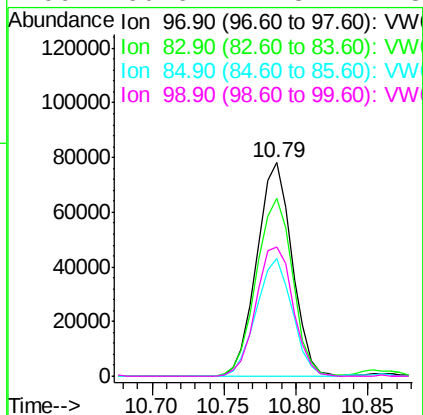
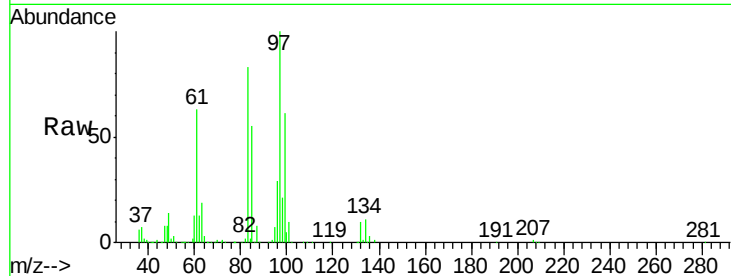




#55
 1,1,2-Trichloroethane
 Concen: 49.480 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

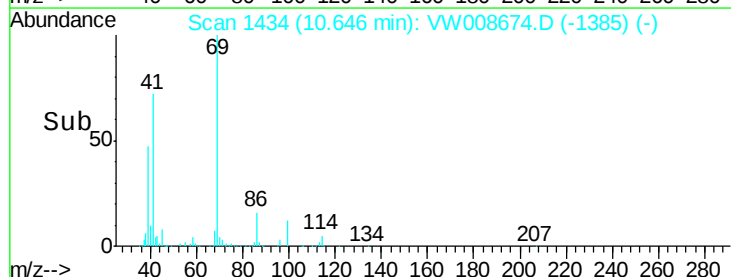
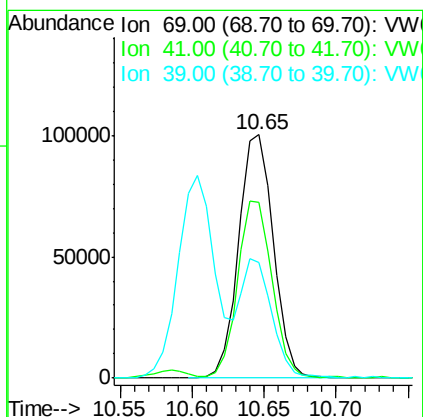
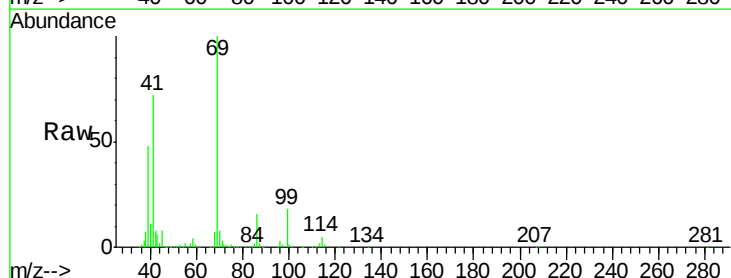
Instrument :
 MSVOA_W
 ClientSampleId :

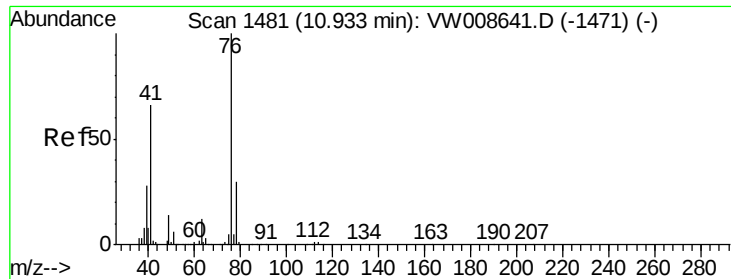
Tot Ion:	97	Resp:	132397
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.4	102.6
85	54.9	43.1	64.7
99	60.6	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 47.351 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

Tgt Ion:	69	Resp:	168239
Ion	Ratio	Lower	Upper
69	100		
41	71.3	59.0	88.4
39	42.0	34.4	51.6

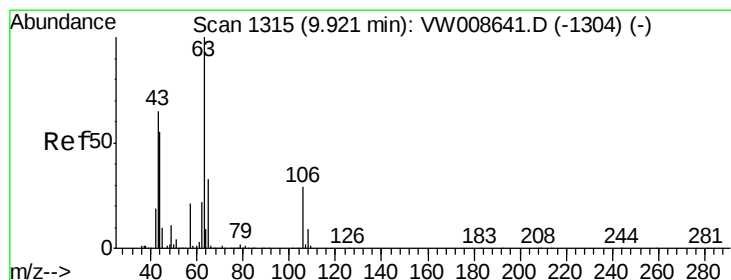
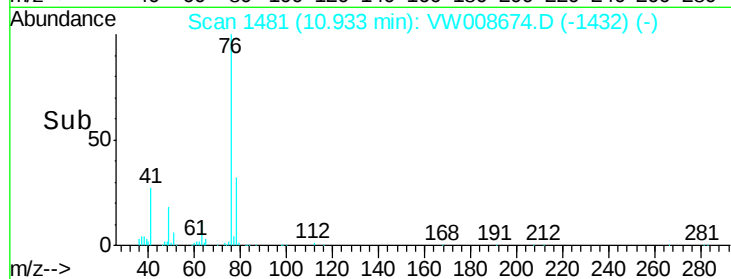
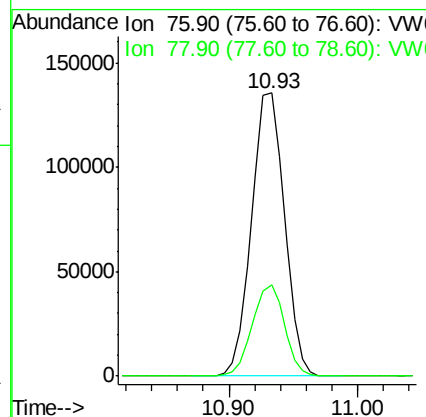
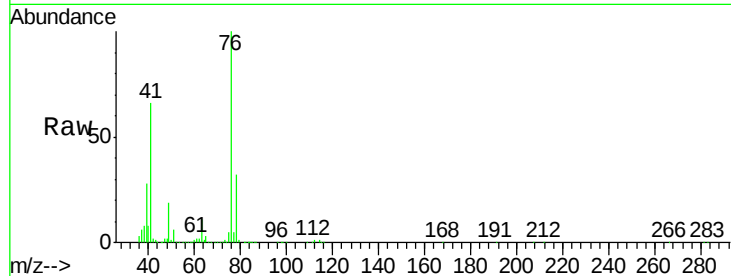




#57
 1,3-Dichloropropane
 Concen: 50.436 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

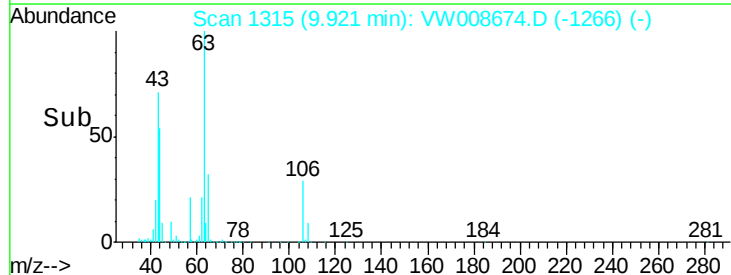
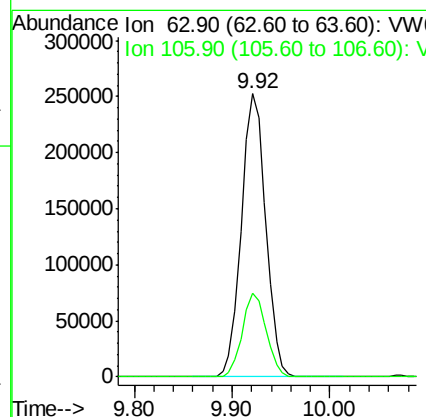
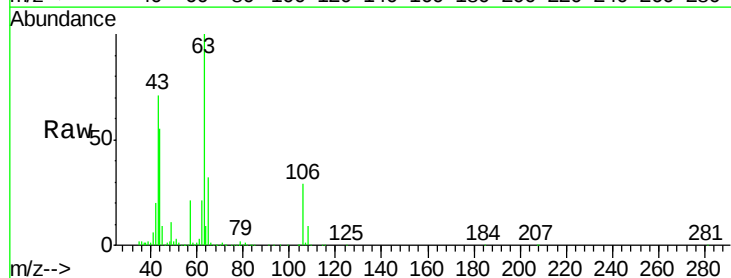
Instrument :
 MSVOA_W
 ClientSampled :

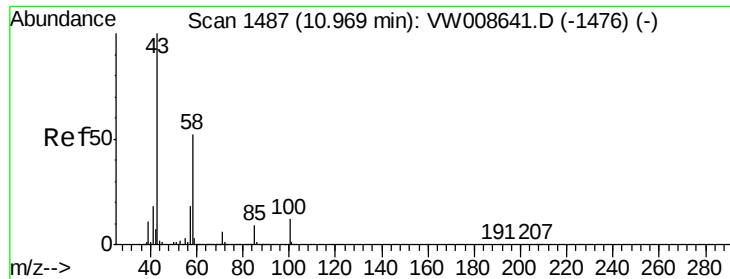
Tot Ion: 76 Resp: 239443
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.033 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

Tgt Ion: 63 Resp: 436385
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.4 35.2

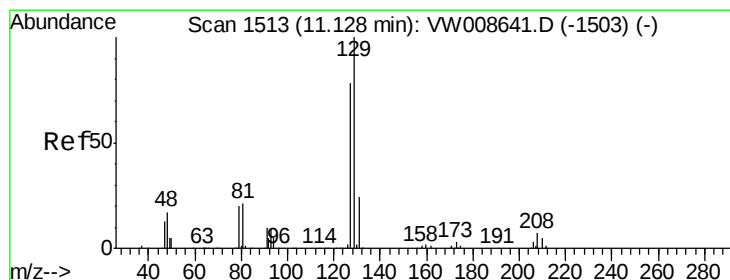
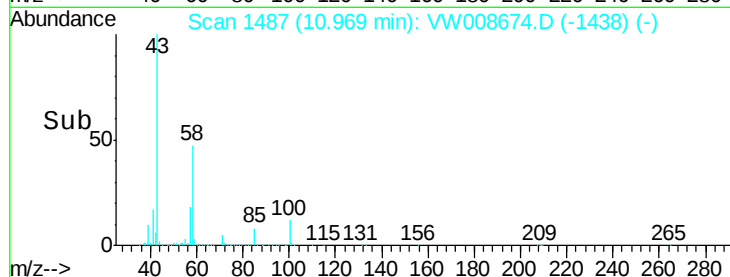
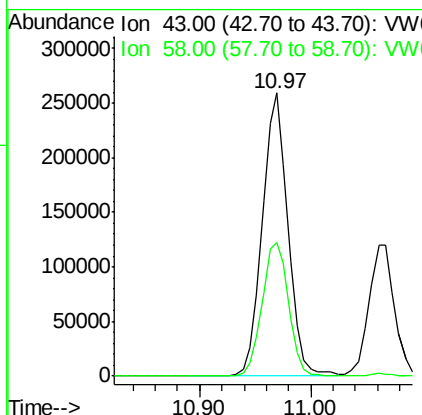
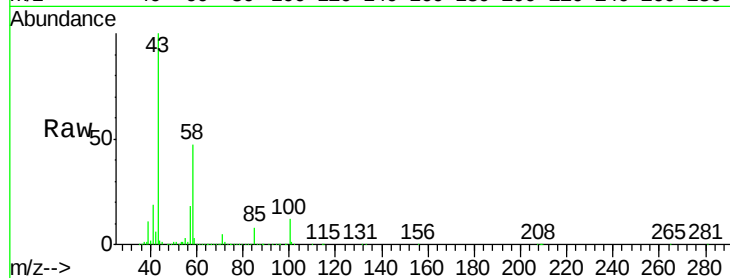




#59
2-Hexanone
Concen: 229.107 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

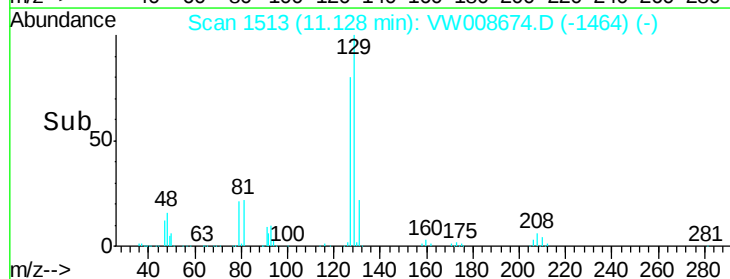
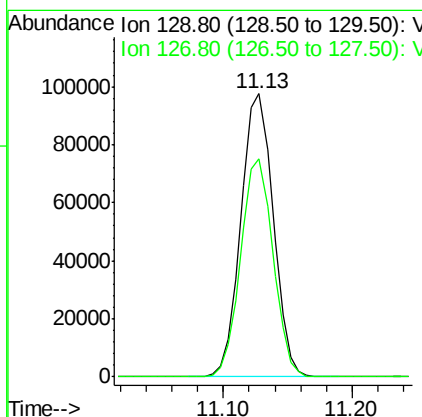
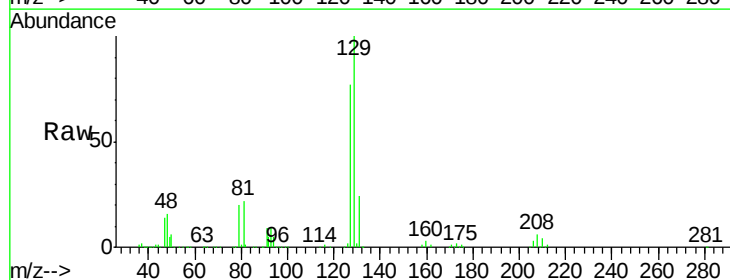
Instrument :
MSVOA_W
ClientSampled :

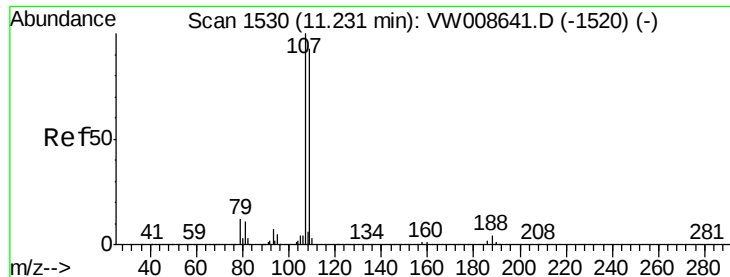
Tot Ion: 43 Resp: 416519
Ion Ratio Lower Upper
43 100
58 49.0 25.6 76.6



#60
Dibromochloromethane
Concen: 53.002 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion: 129 Resp: 169689
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

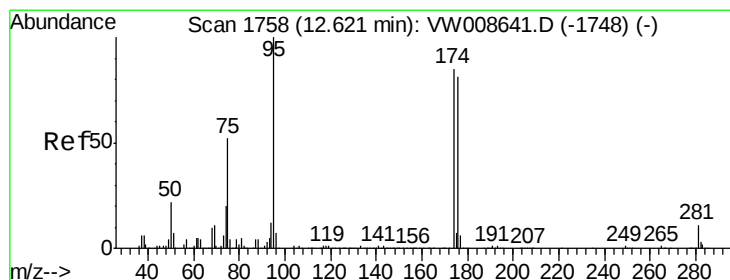
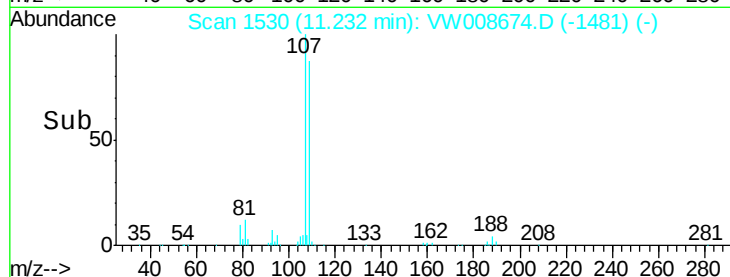
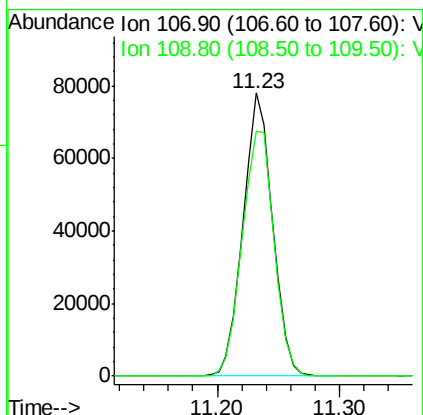
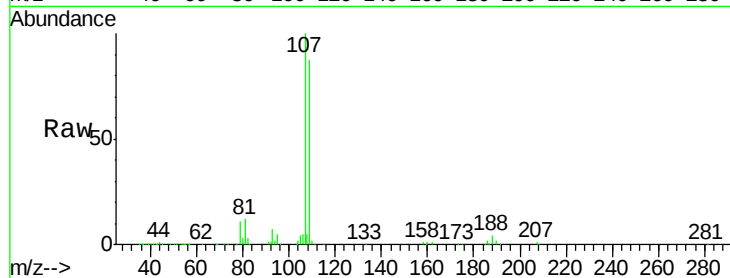




#61
 1,2-Dibromoethane
 Concen: 49.573 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

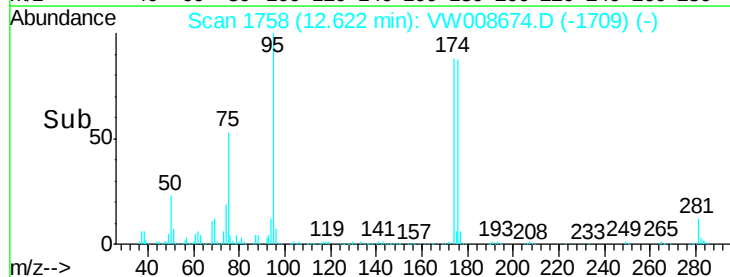
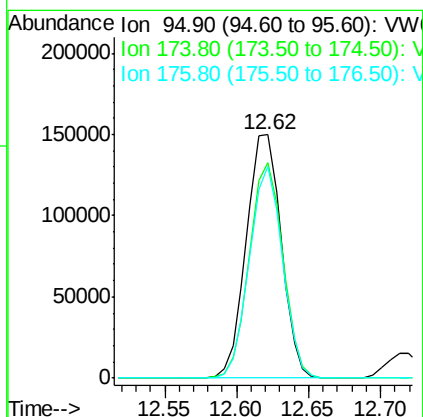
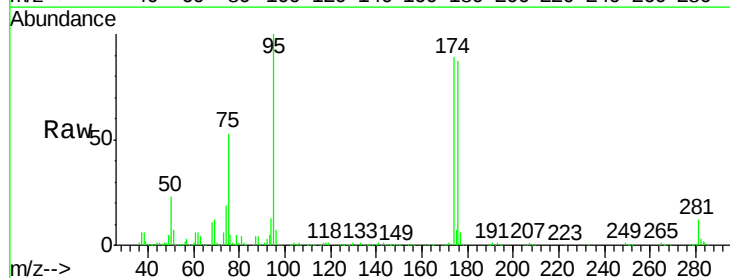
Instrument :
 MSVOA_W
 ClientSampleId :

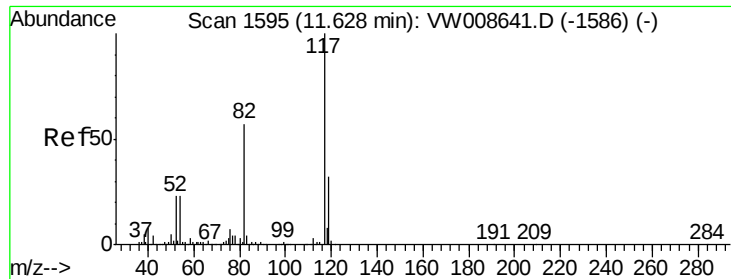
Tot Ion: 107 Resp: 130603
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 53.578 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008674.D
 Acq: 15 Feb 2019 10:16

Tgt Ion: 95 Resp: 251830
 Ion Ratio Lower Upper
 95 100
 174 85.0 0.0 163.2
 176 82.2 0.0 158.0

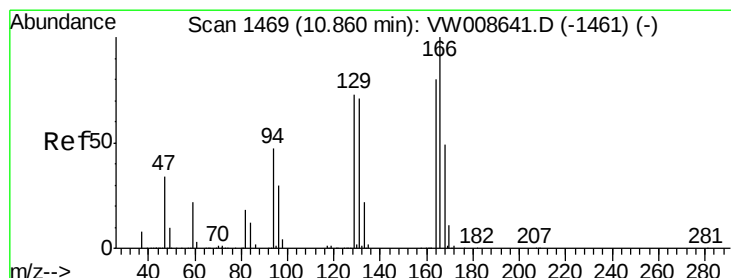
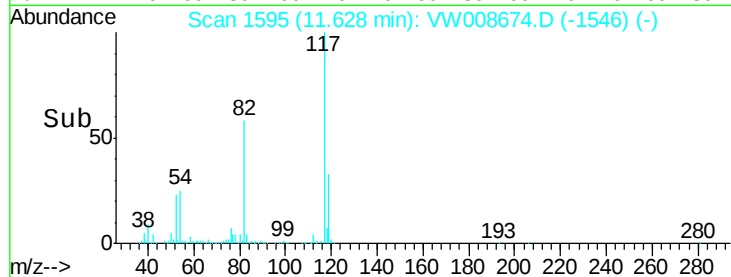
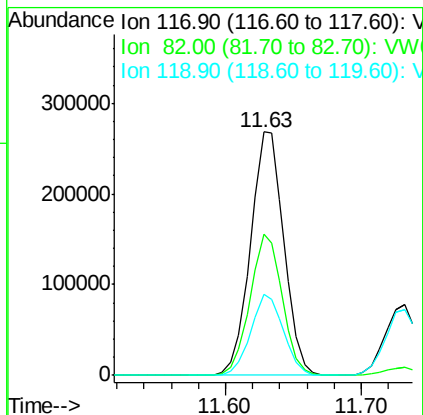
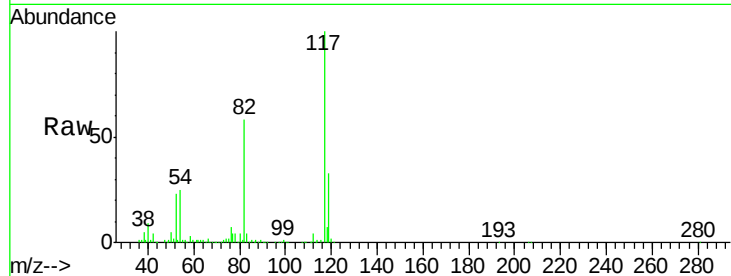




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

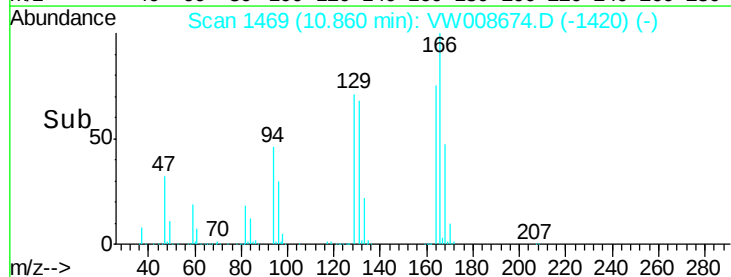
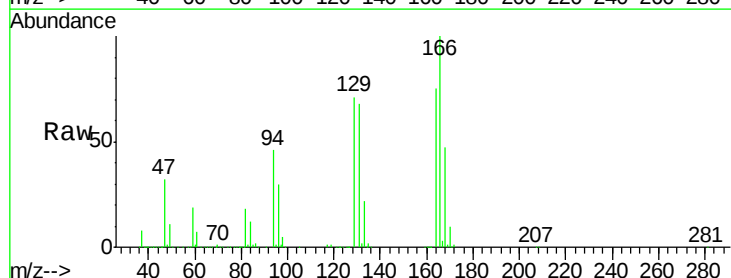
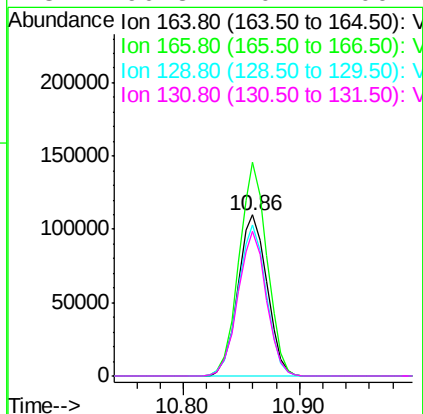
Instrument :
MSVOA_W
ClientSampleId :

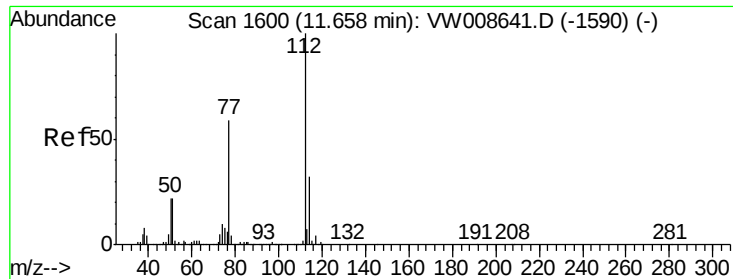
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.6	68.4
119	33.3	25.7	38.5



#64
Tetrachloroethene
Concen: 55.757 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.8	100.2	150.2
129	93.7	73.6	110.4
131	90.3	70.7	106.1

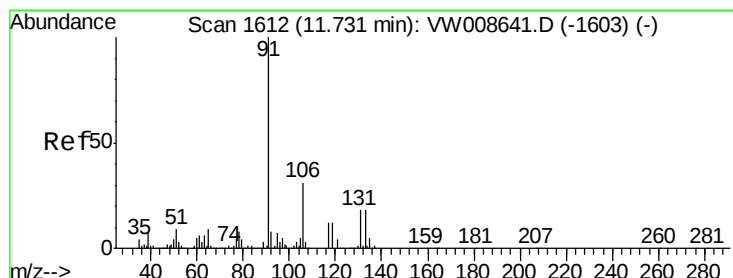
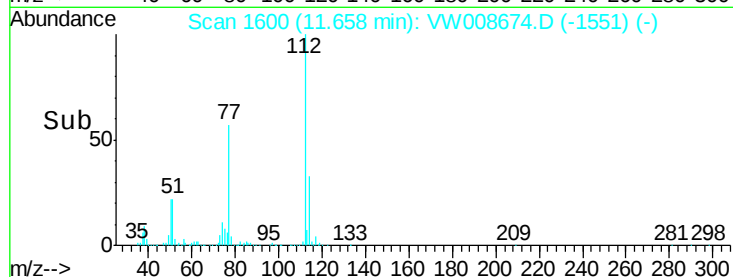
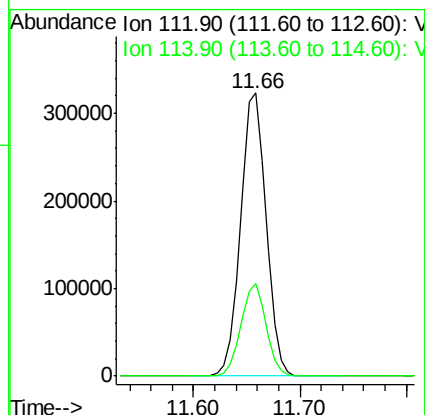
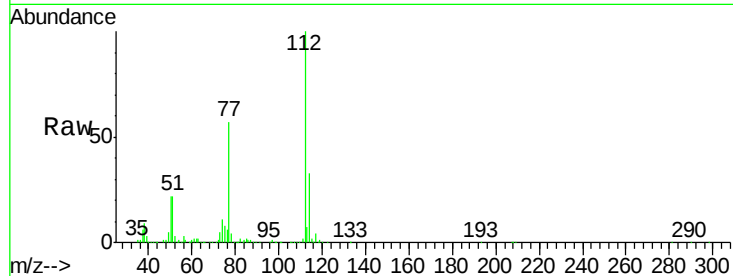




#65
Chlorobenzene
Concen: 54.956 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

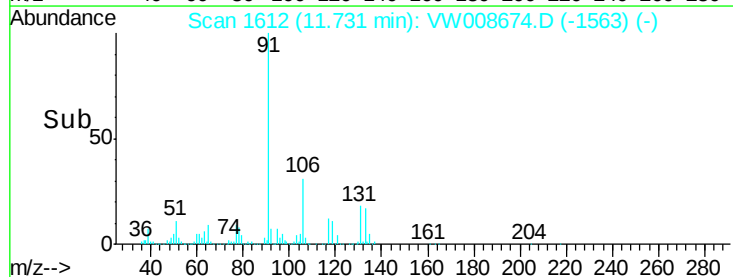
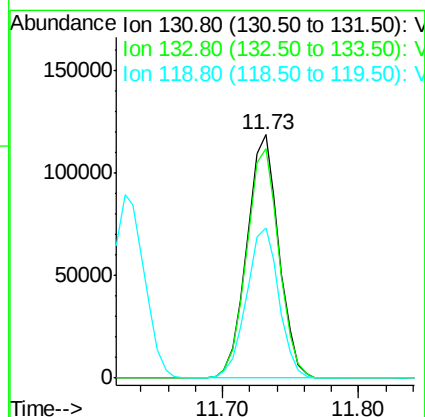
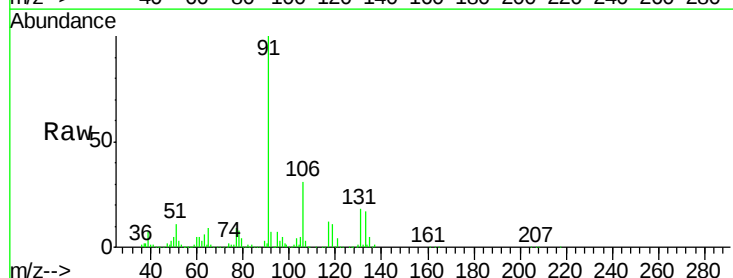
Instrument :
MSVOA_W
ClientSampleId :

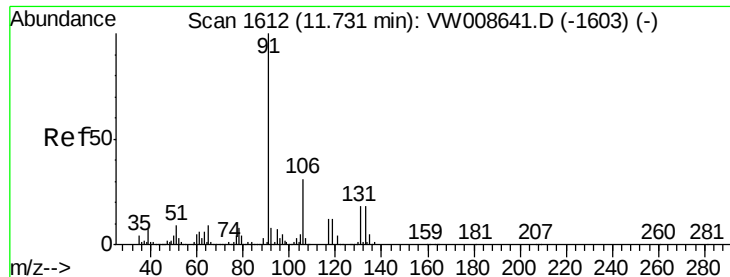
Tot Ion:112 Resp: 545564
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.370 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion:131 Resp: 194724
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 62.9 31.6 94.8

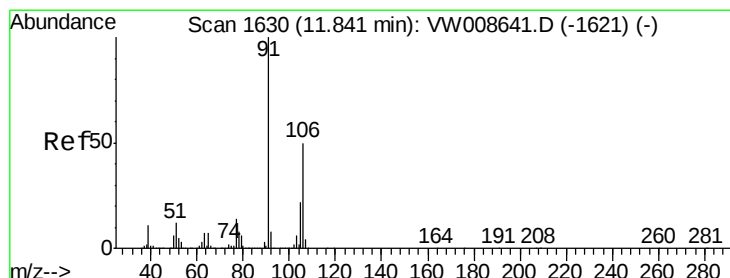
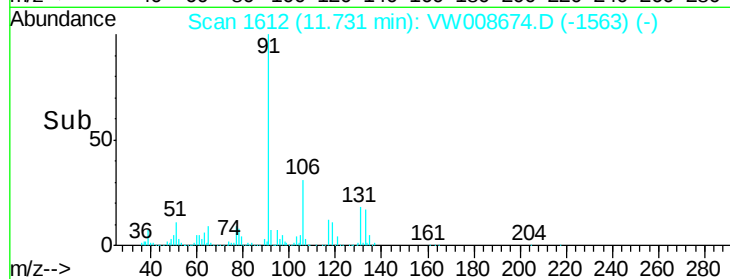
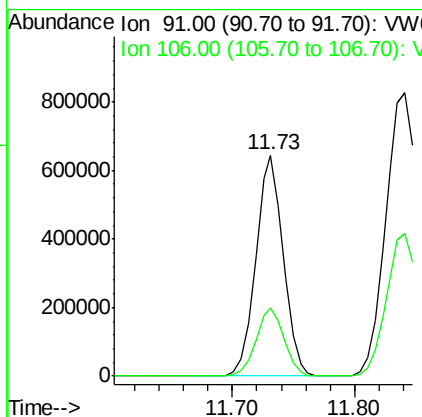
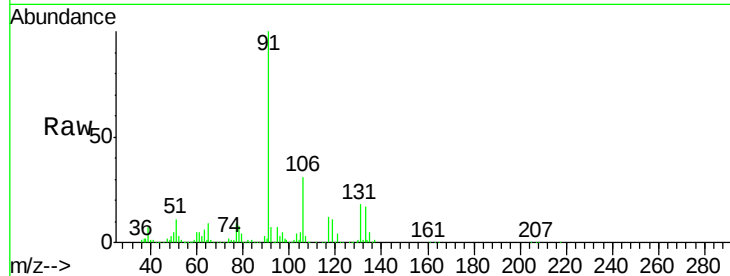




#67
Ethyl Benzene
Concen: 56.780 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

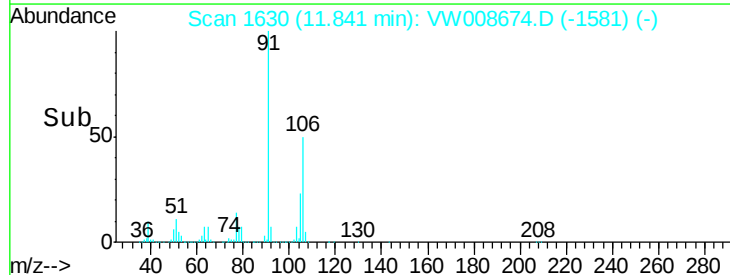
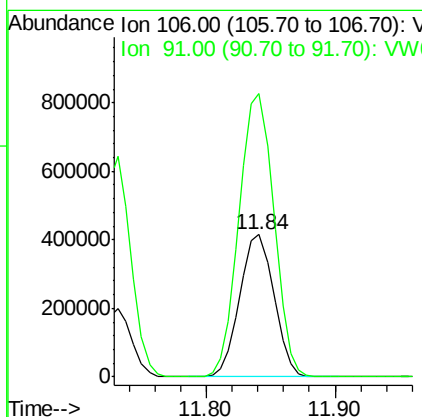
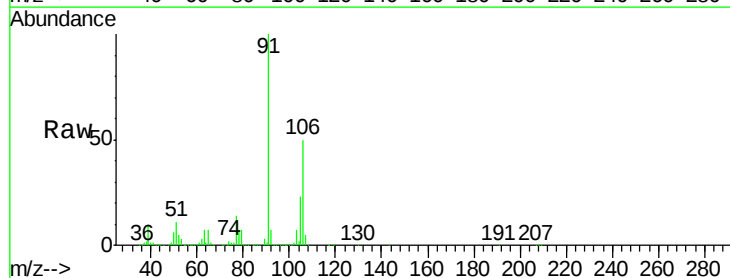
Instrument :
MSVOA_W
ClientSampleId :

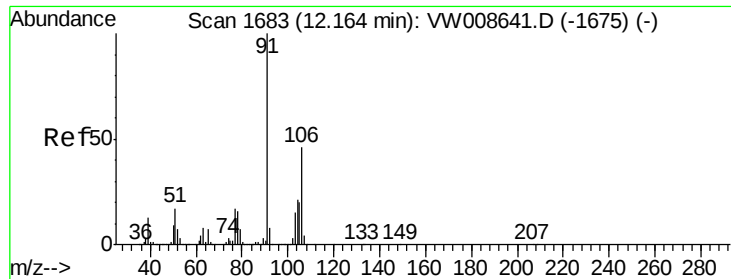
Tot Ion: 91 Resp: 1004065
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 111.876 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion: 106 Resp: 769759
Ion Ratio Lower Upper
106 100
91 201.8 161.0 241.4

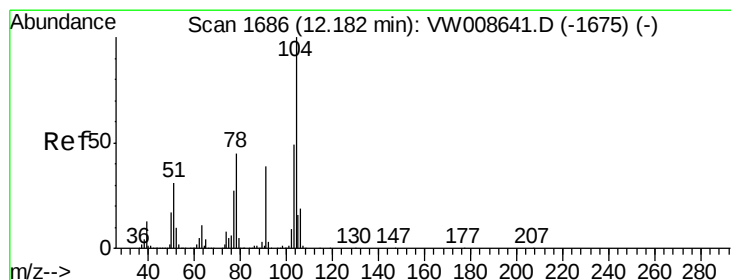
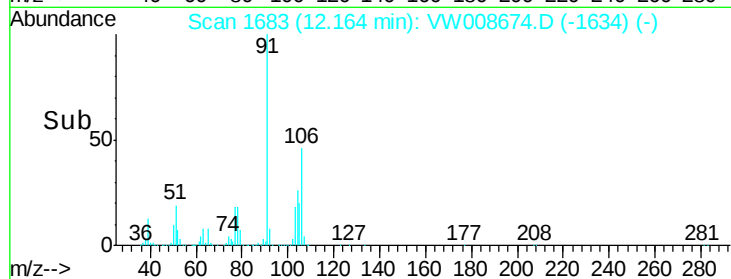
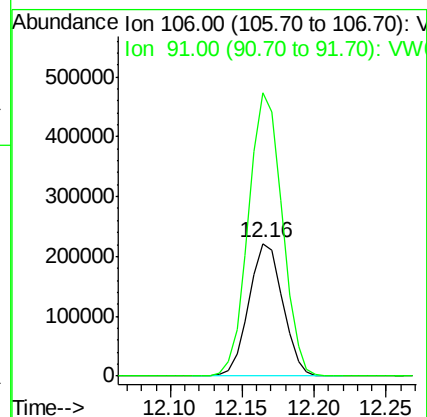
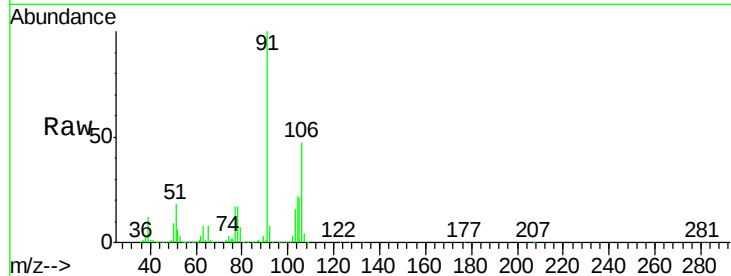




#69
o-Xylene
Concen: 55.258 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

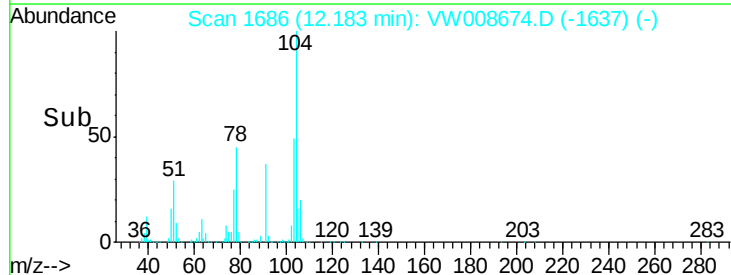
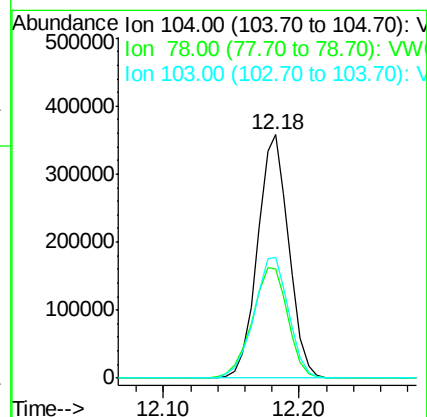
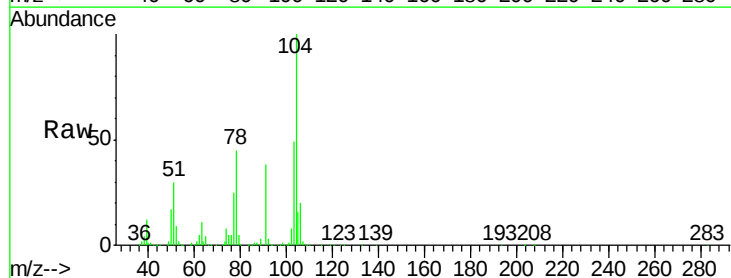
Instrument :
MSVOA_W
ClientSampled :

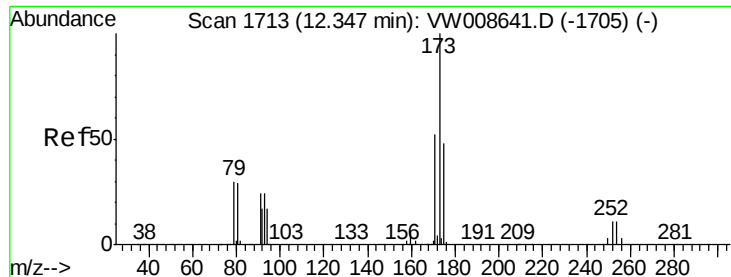
Tot Ion:106 Resp: 359384
Ion Ratio Lower Upper
106 100
91 213.2 106.7 320.1



#70
Styrene
Concen: 54.216 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion:104 Resp: 575924
Ion Ratio Lower Upper
104 100
78 51.9 41.5 62.3
103 55.1 43.5 65.3





#71

Bromoform

Concen: 50.964 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW008674.D

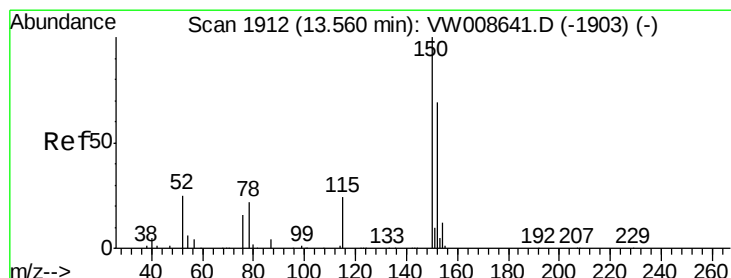
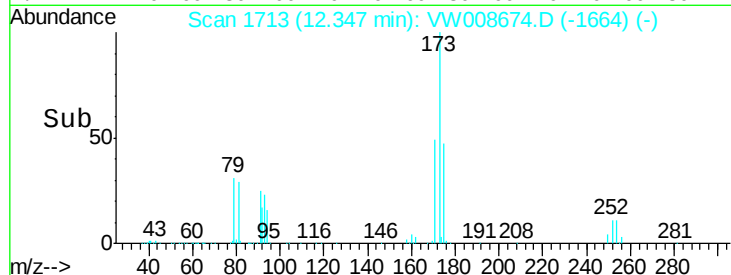
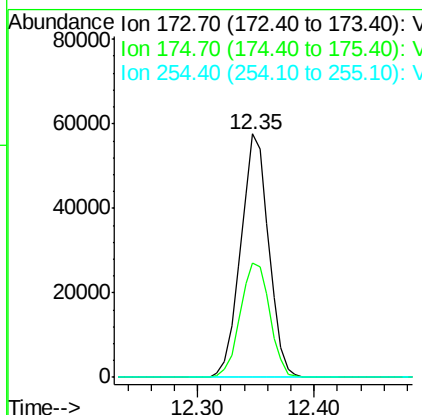
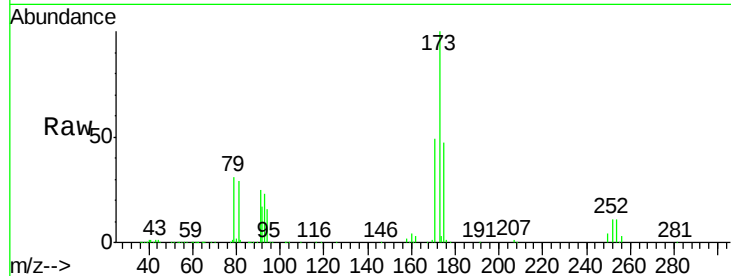
Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.9	74.7
254	0.2	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

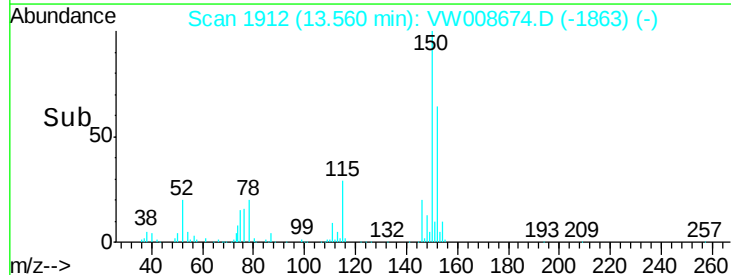
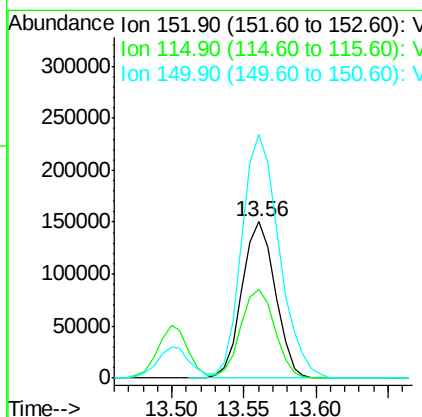
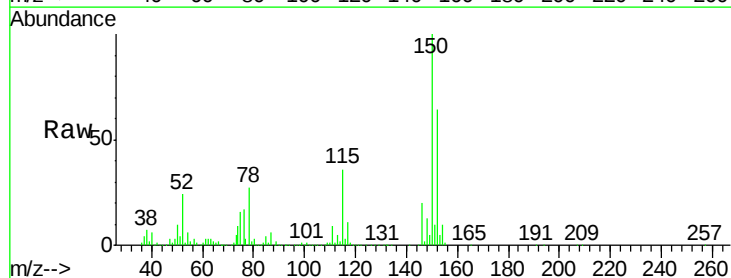
RT: 13.56 min Scan# 1912

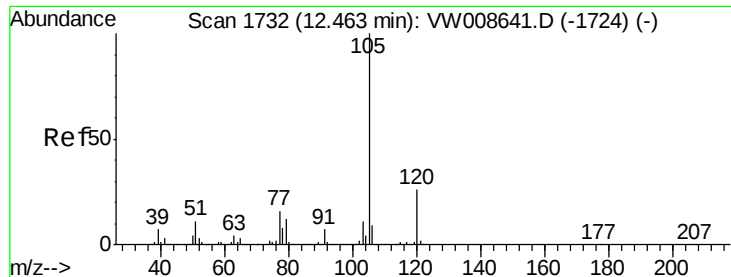
Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	87.8
150	174.8	0.0	352.8





#73

Isopropylbenzene

Concen: 56.676 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

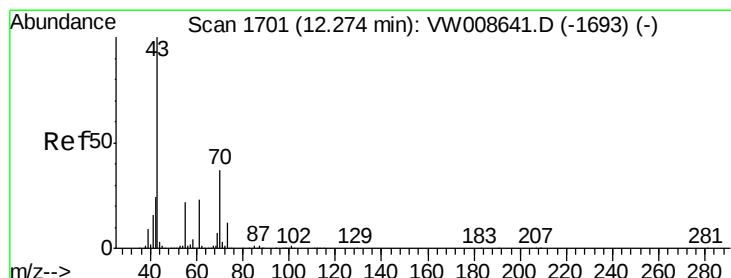
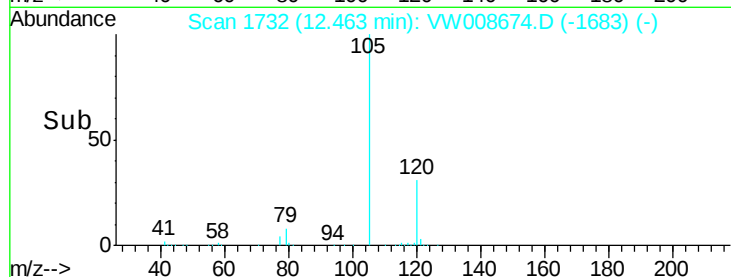
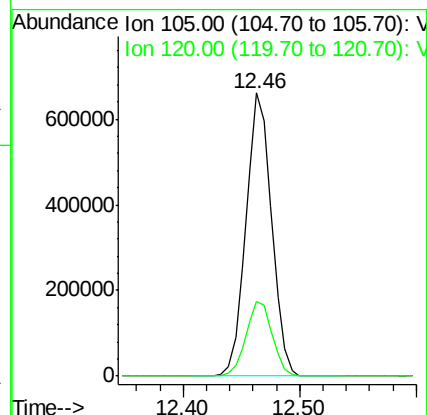
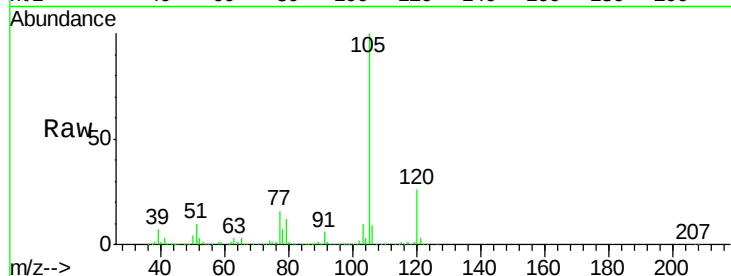
ClientSampleId :

Tot Ion:105 Resp: 1016191

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.6



#74

N-ethyl acetate

Concen: 45.546 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Tgt Ion: 43 Resp: 220832

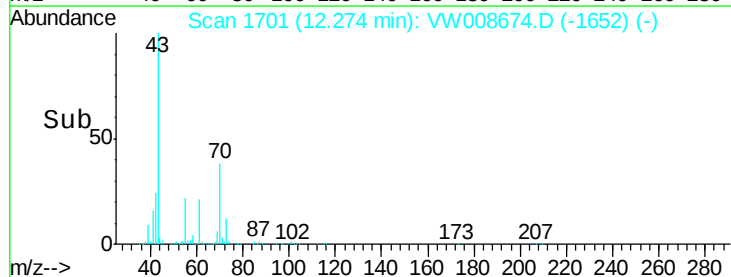
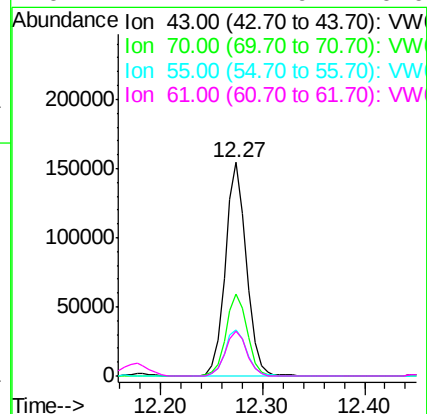
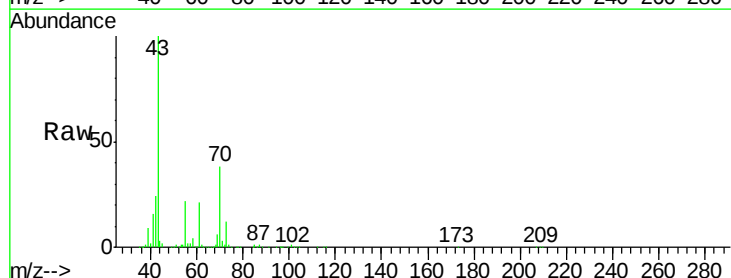
Ion Ratio Lower Upper

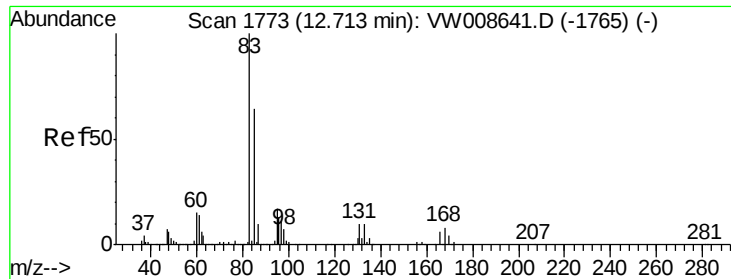
43 100

70 39.0 30.5 45.7

55 22.6 17.6 26.4

61 21.7 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.844 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

ClientSampleId :

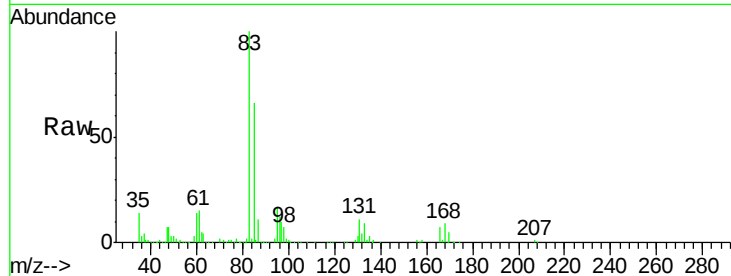
Tot Ion: 83 Resp: 149252

Ion Ratio Lower Upper

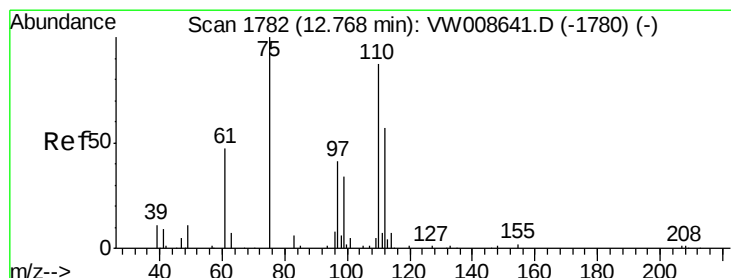
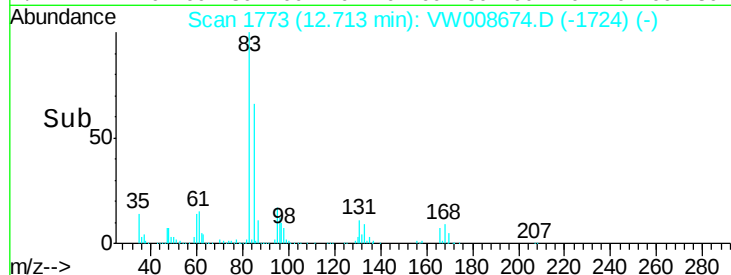
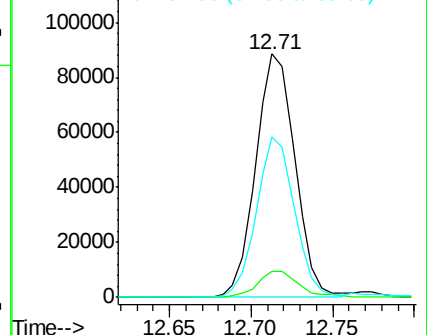
83 100

131 11.4 5.5 16.7

85 63.6 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 87.431 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008674.D

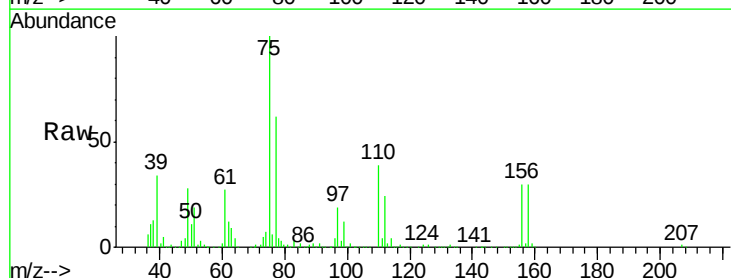
Acq: 15 Feb 2019 10:16

Tgt Ion: 75 Resp: 207812

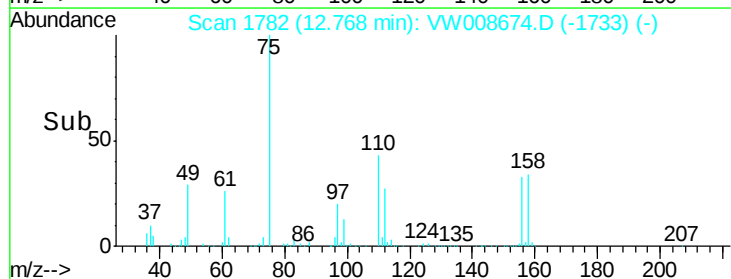
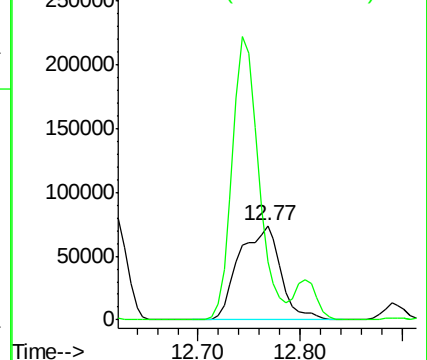
Ion Ratio Lower Upper

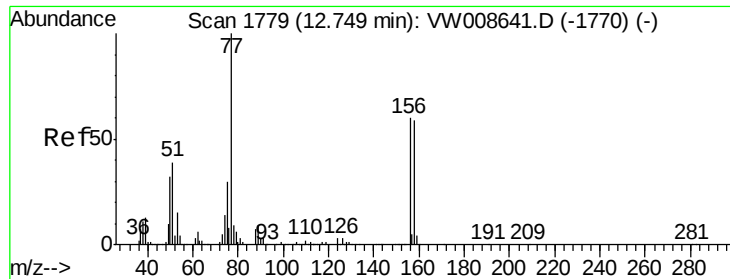
75 100

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: 54.346 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

ClientSampleId :

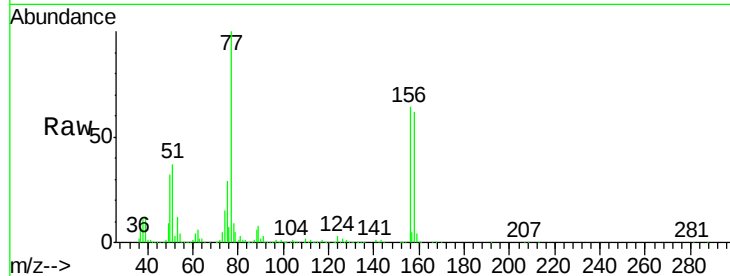
Tot Ion:156 Resp: 223990

Ion Ratio Lower Upper

156 100

77 179.1 93.2 279.5

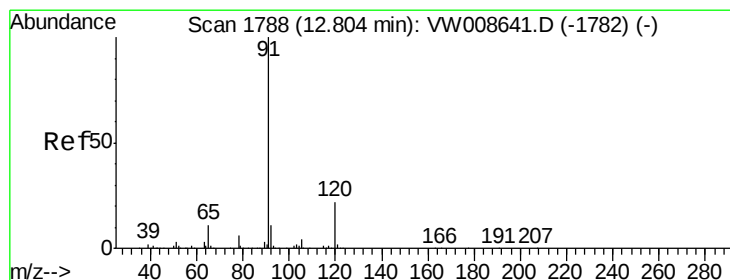
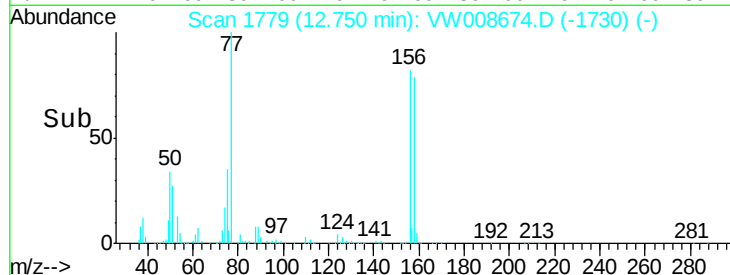
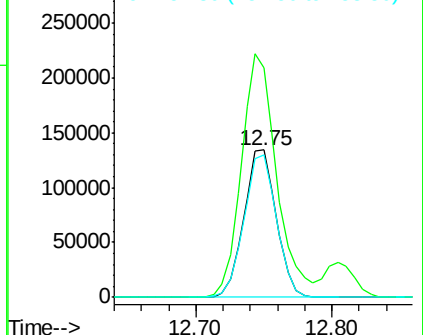
158 97.2 48.5 145.5



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: 57.191 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008674.D

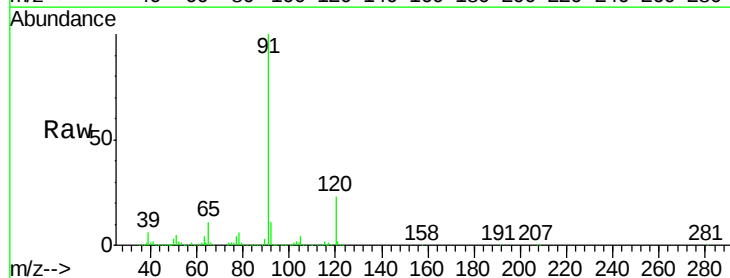
Acq: 15 Feb 2019 10:16

Tgt Ion: 91 Resp: 1218388

Ion Ratio Lower Upper

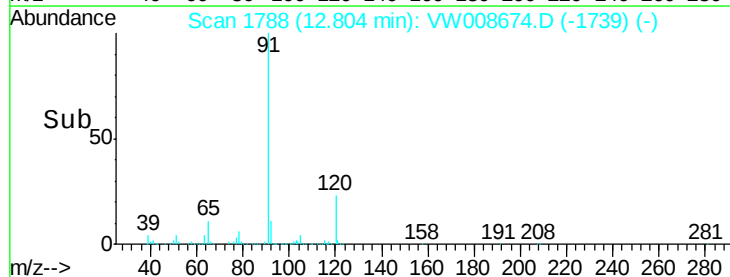
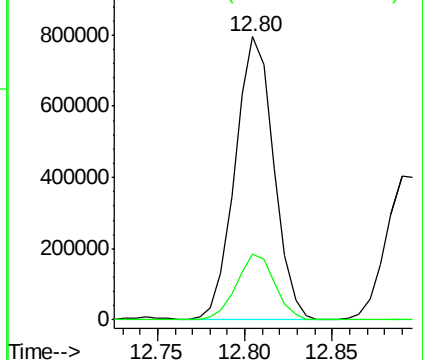
91 100

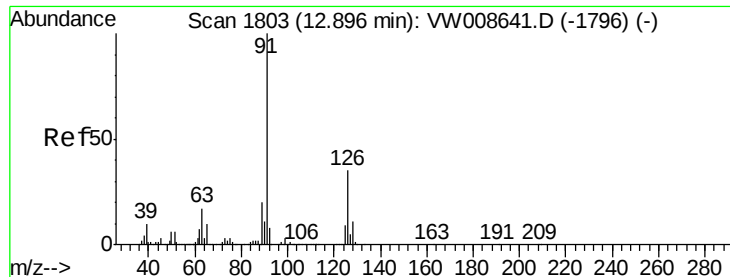
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.691 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

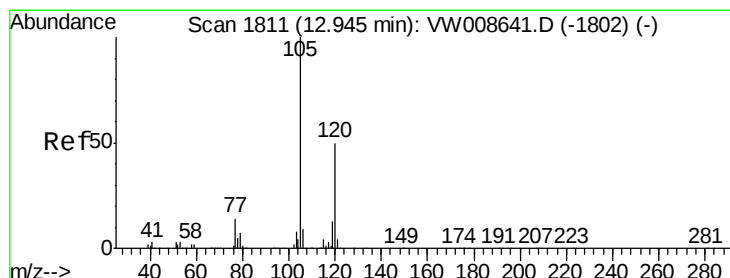
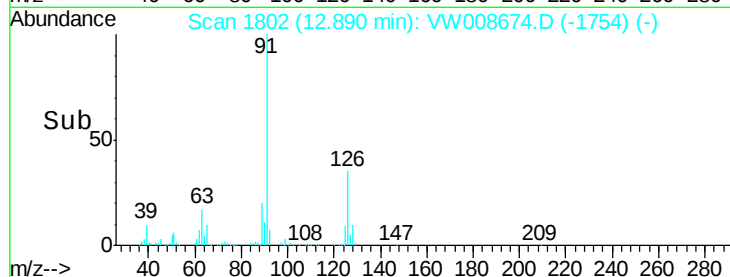
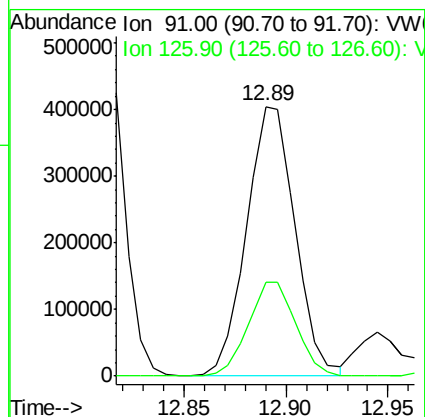
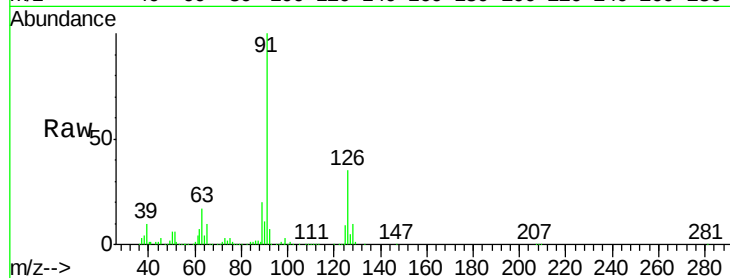
ClientSampled :

Tot Ion: 91 Resp: 670541

Ion Ratio Lower Upper

91 100

126 34.2 17.0 50.9



#80

1,3,5-Trimethylbenzene

Concen: 56.620 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008674.D

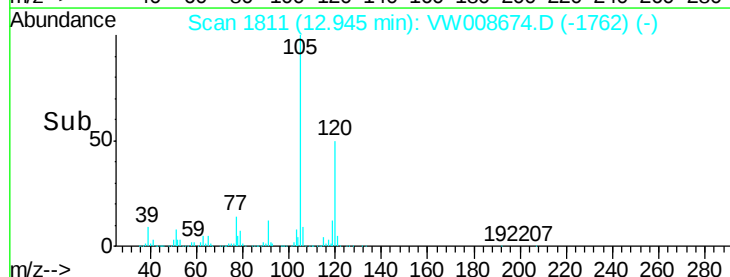
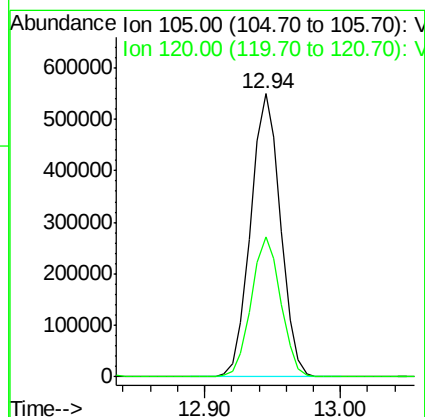
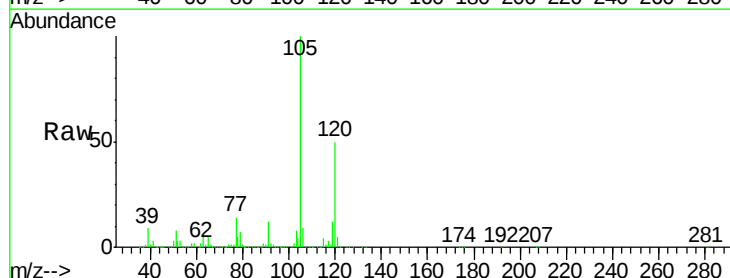
Acq: 15 Feb 2019 10:16

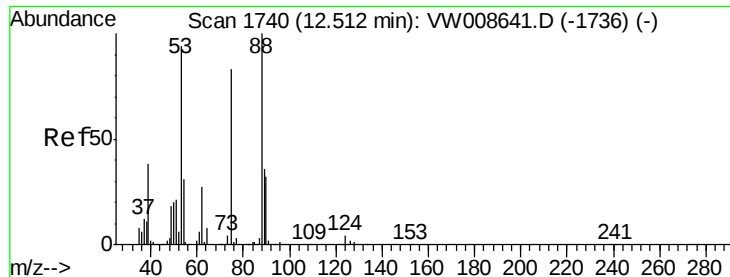
Tgt Ion:105 Resp: 843225

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.428 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

ClientSampled :

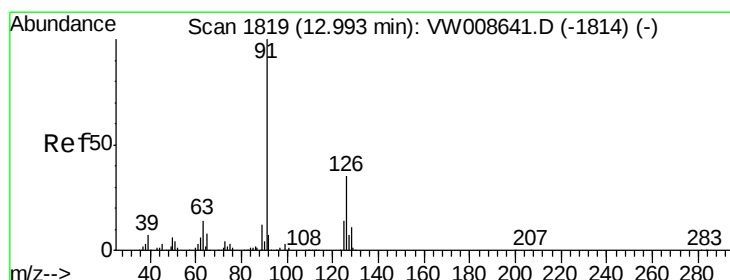
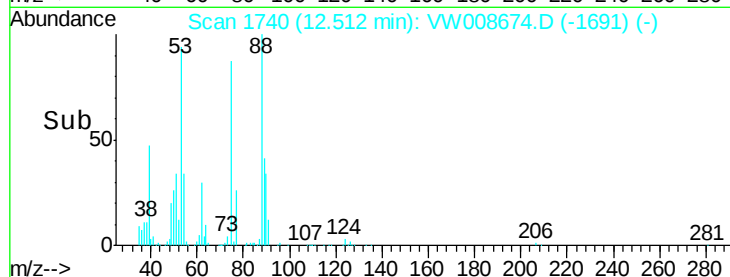
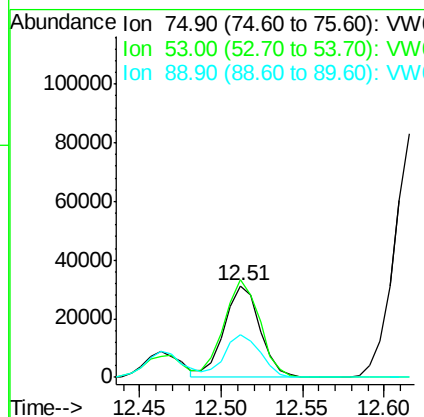
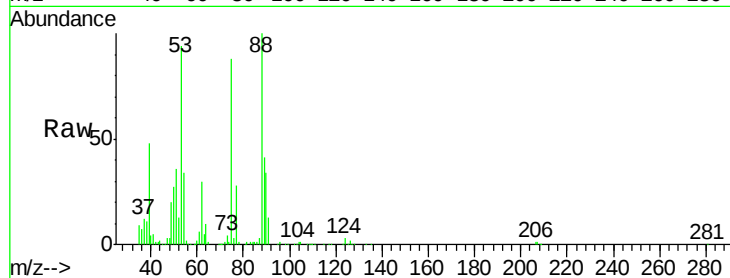
Tot Ion: 75 Resp: 47577

Ion Ratio Lower Upper

75 100

53 105.2 87.4 131.0

89 47.3 37.0 55.4



#82

4-Chlorotoluene

Concen: 54.913 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW008674.D

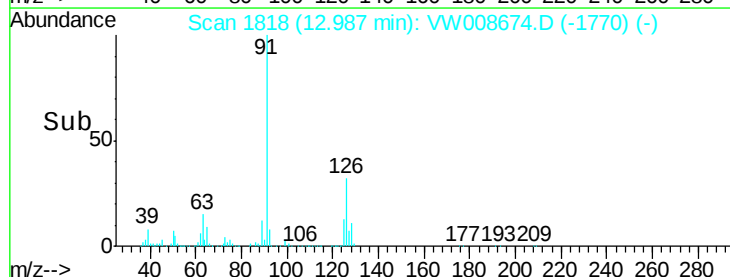
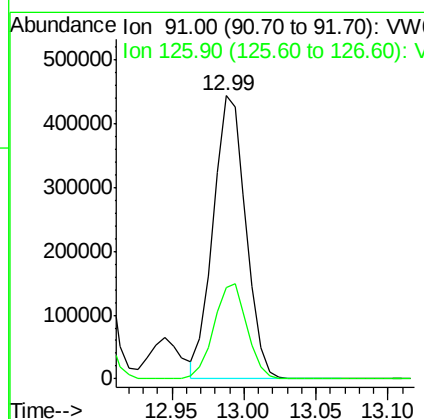
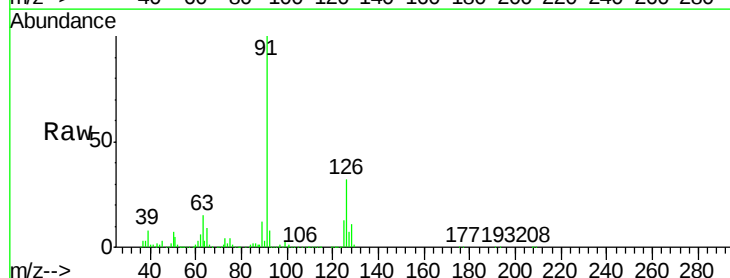
Acq: 15 Feb 2019 10:16

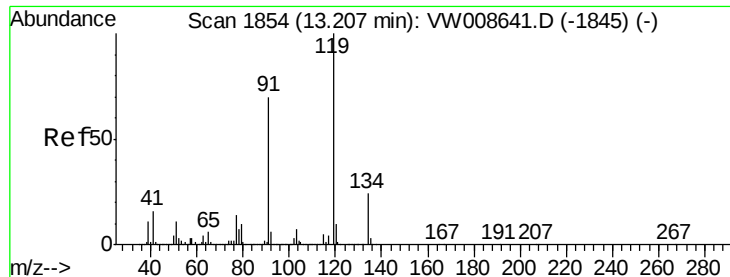
Tgt Ion: 91 Resp: 700687

Ion Ratio Lower Upper

91 100

126 33.9 16.9 50.7

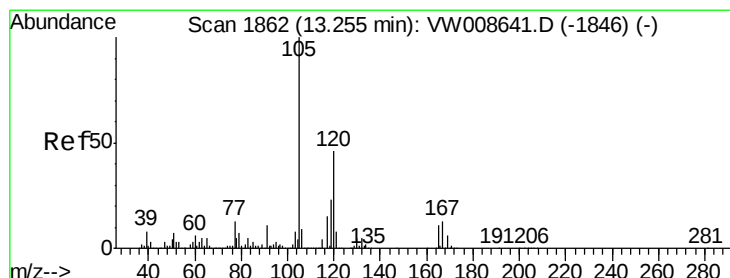
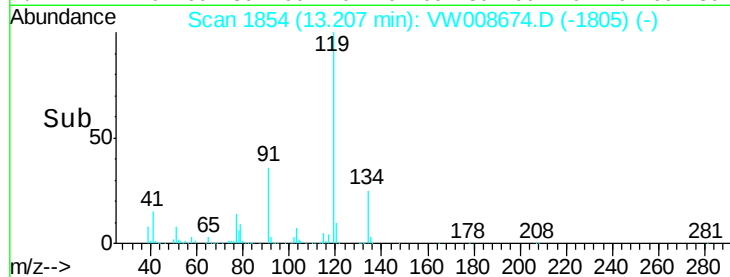
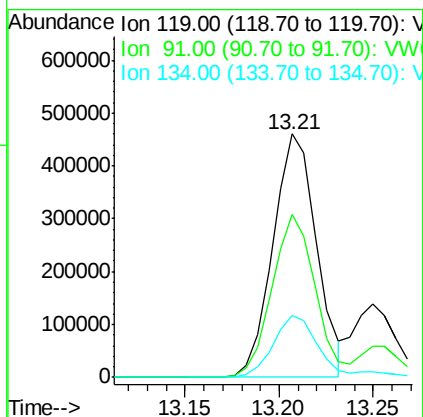
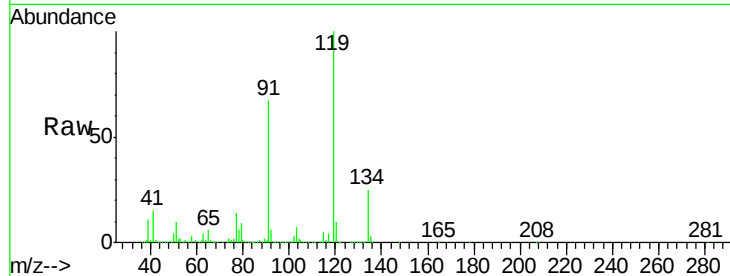




#83
tert-Butylbenzene
Concen: 57.101 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

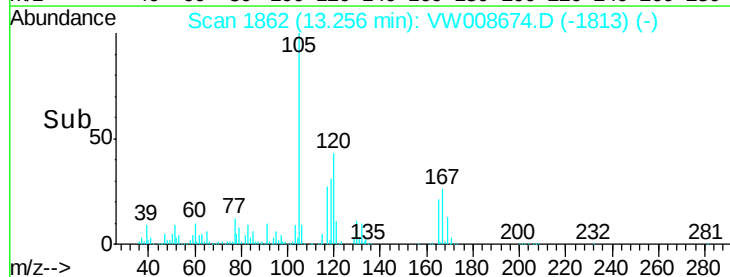
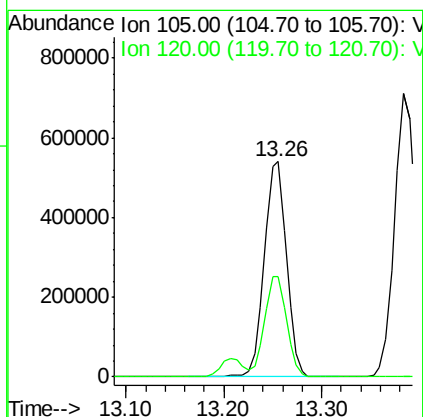
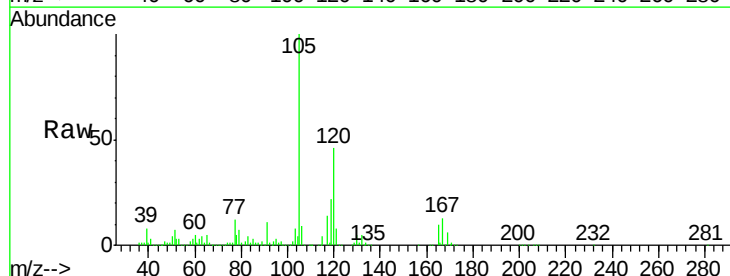
Instrument :
MSVOA_W
ClientSampled :

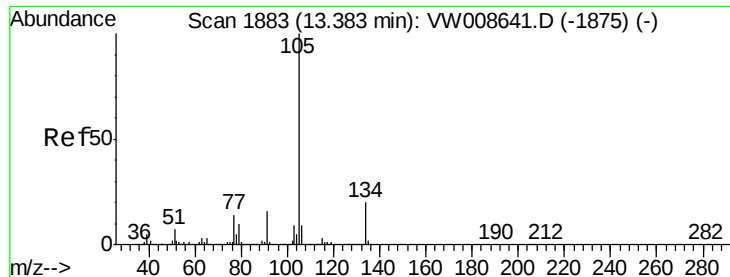
Tot Ion:119 Resp: 738409
Ion Ratio Lower Upper
119 100
91 66.7 34.0 102.0
134 27.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 55.750 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion:105 Resp: 853356
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.8





#85

sec-Butylbenzene

Concen: 57.307 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

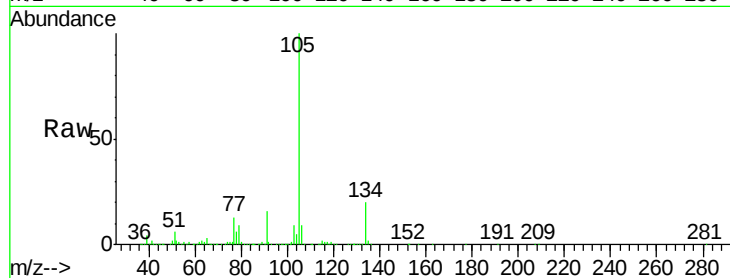
ClientSampleId :

Tot Ion:105 Resp: 1079059

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

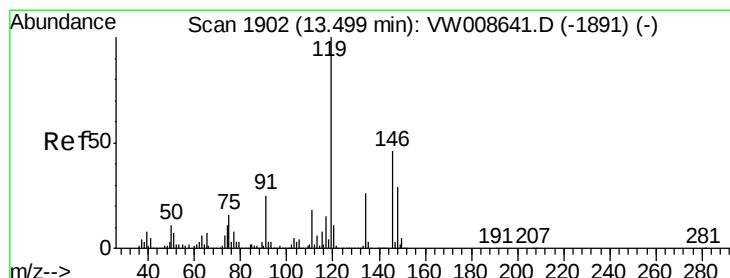
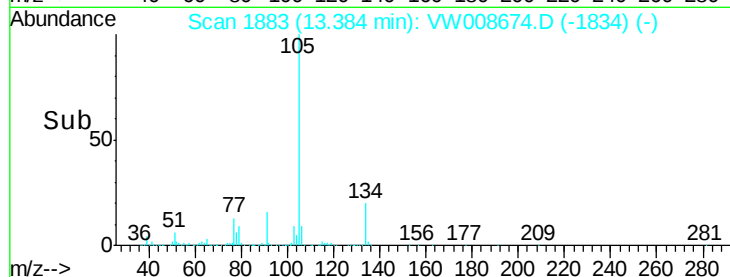
400000

200000

0

13.30 13.40

Time-->



#86

p-Isopropyltoluene

Concen: 56.817 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

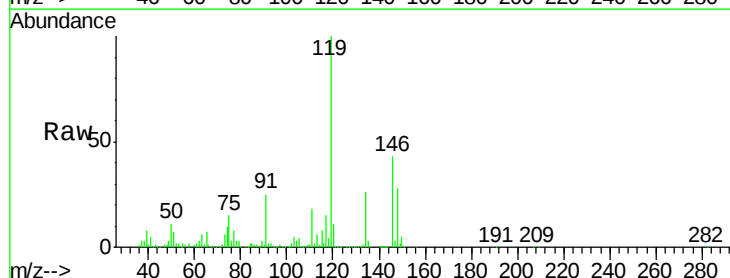
Tgt Ion:119 Resp: 957071

Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 24.4 12.3 36.9



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

800000

600000

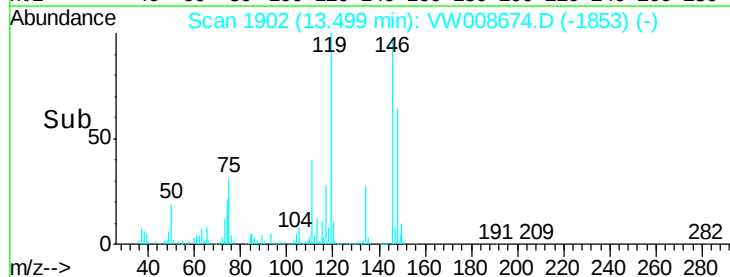
400000

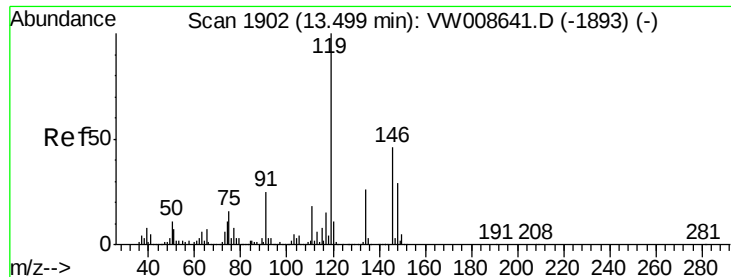
200000

0

13.45 13.50 13.55

Time-->





#87

1,3-Dichlorobenzene

Concen: 54.224 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008674.D

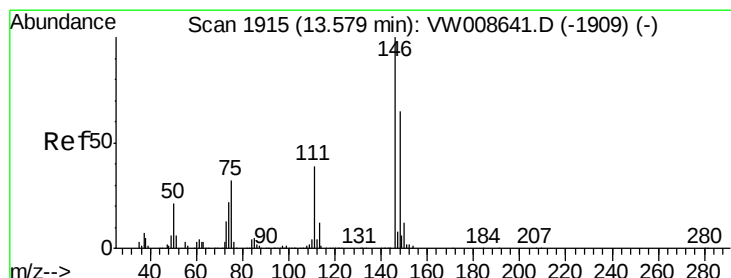
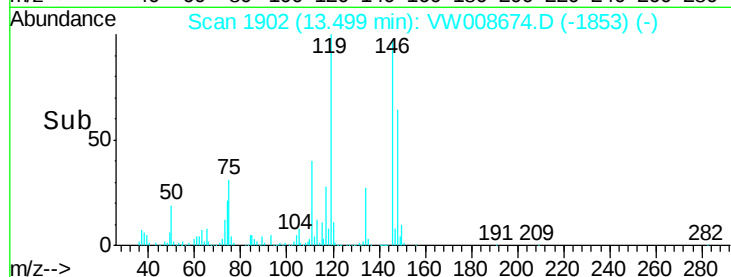
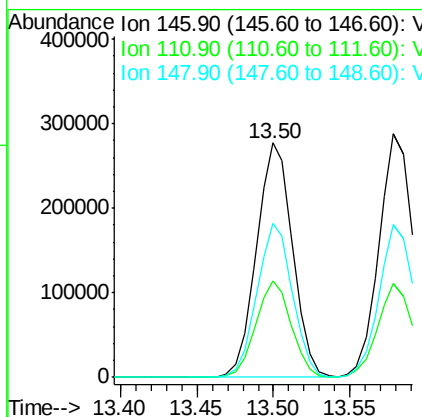
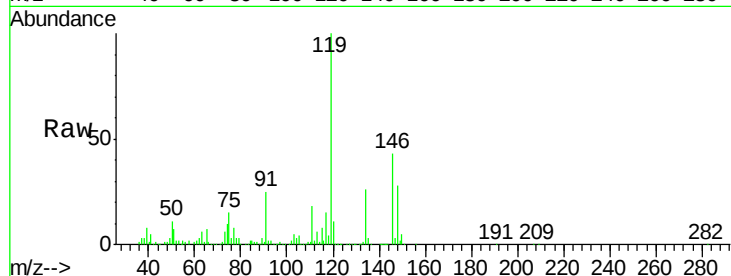
Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.4	58.1
148	64.7	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 54.749 ug/l

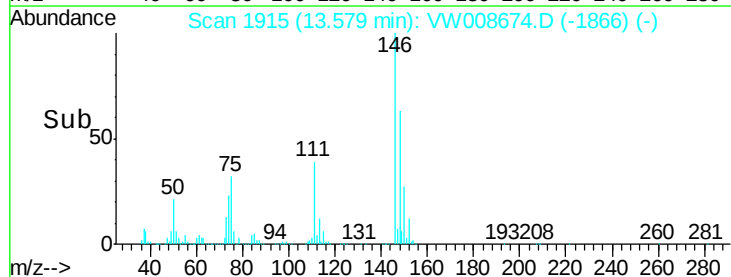
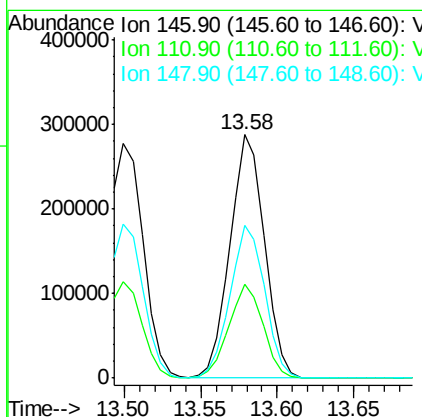
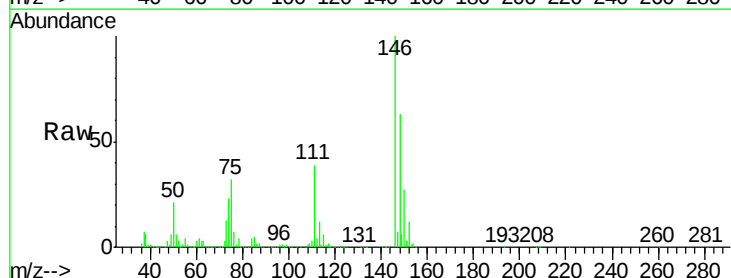
RT: 13.58 min Scan# 1915

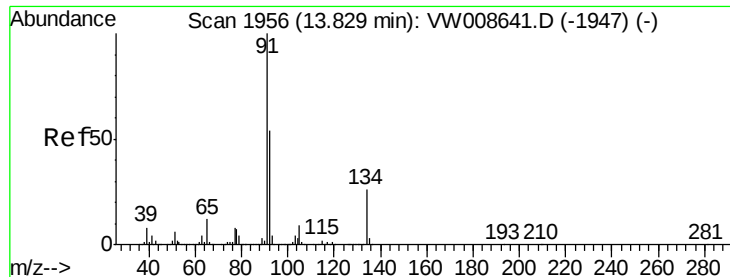
Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.1
148	63.3	31.8	95.4





#89

n-Butylbenzene

Concen: 57.433 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

ClientSampled :

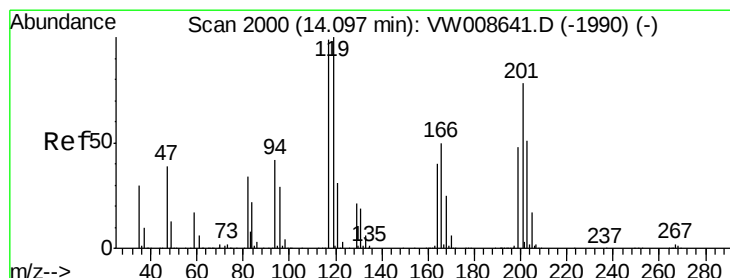
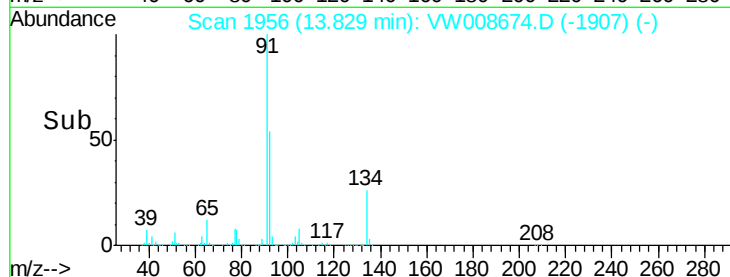
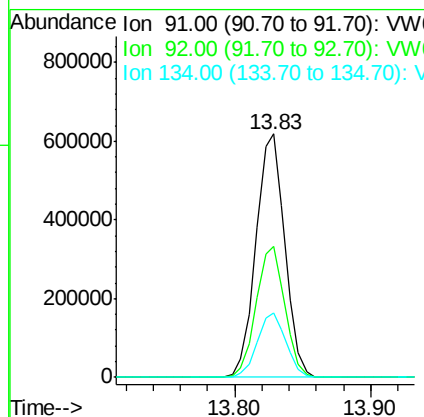
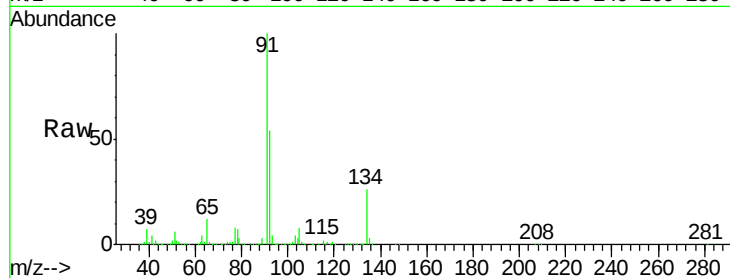
Tot Ion: 91 Resp: 919343

Ion Ratio Lower Upper

91 100

92 53.7 26.8 80.4

134 26.2 13.0 39.0



#90

Hexachloroethane

Concen: 59.766 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008674.D

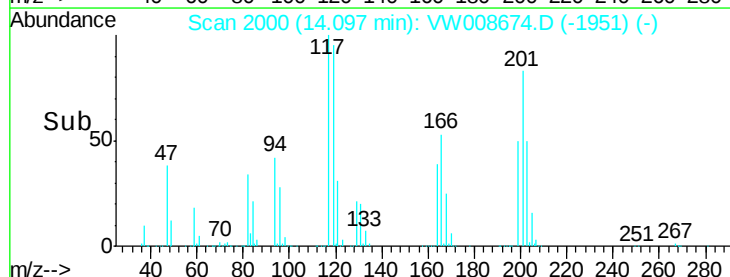
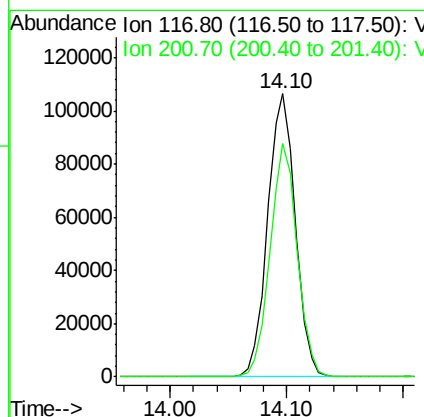
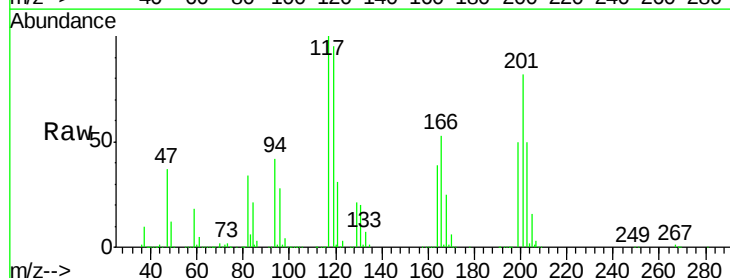
Acq: 15 Feb 2019 10:16

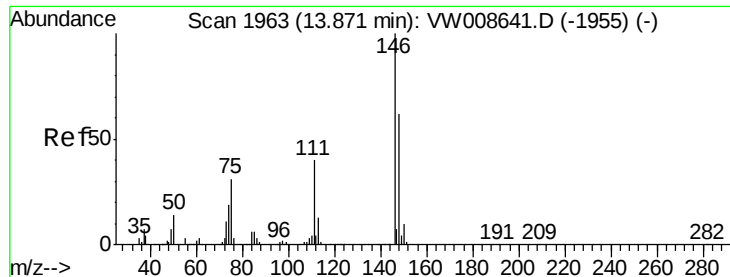
Tgt Ion: 117 Resp: 175889

Ion Ratio Lower Upper

117 100

201 80.5 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 53.514 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

Instrument :

MSVOA_W

ClientSampleId :

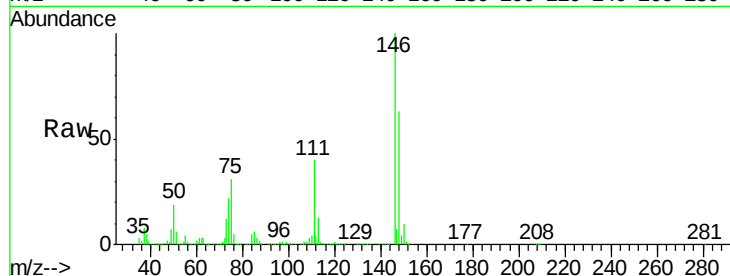
Tot Ion:146 Resp: 396139

Ion Ratio Lower Upper

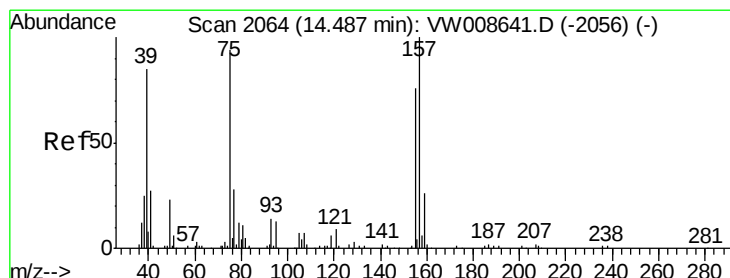
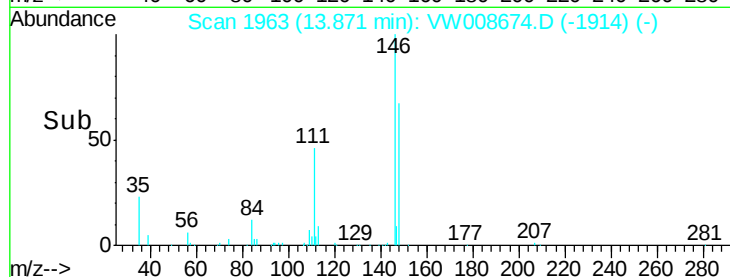
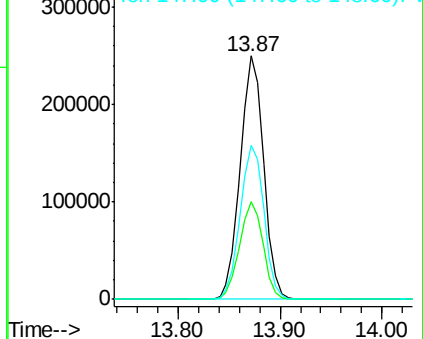
146 100

111 40.1 20.5 61.5

148 64.3 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.069 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW008674.D

Acq: 15 Feb 2019 10:16

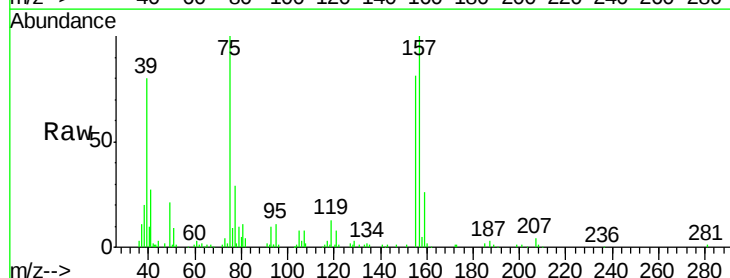
Tgt Ion: 75 Resp: 26058

Ion Ratio Lower Upper

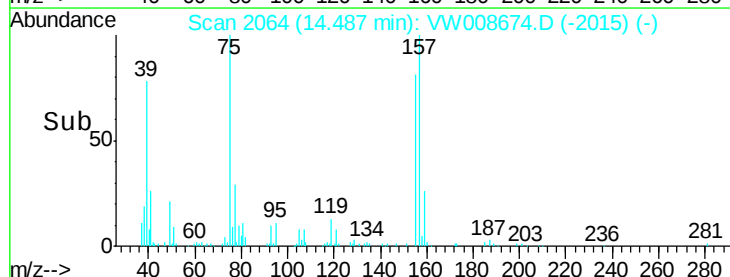
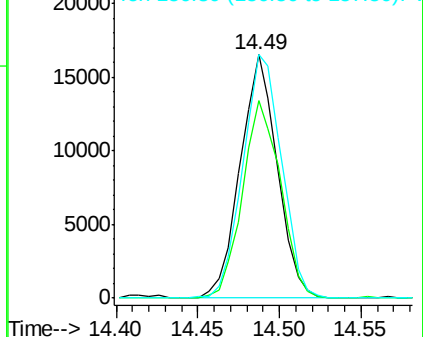
75 100

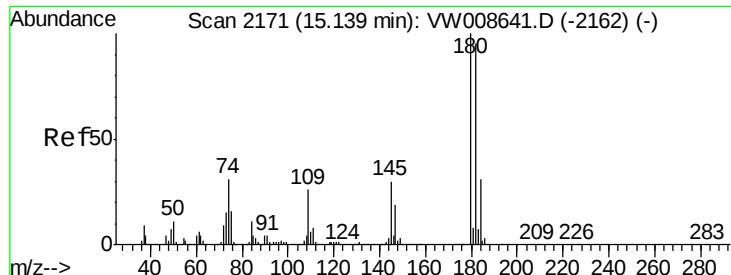
155 83.4 41.8 125.4

157 105.1 53.8 161.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

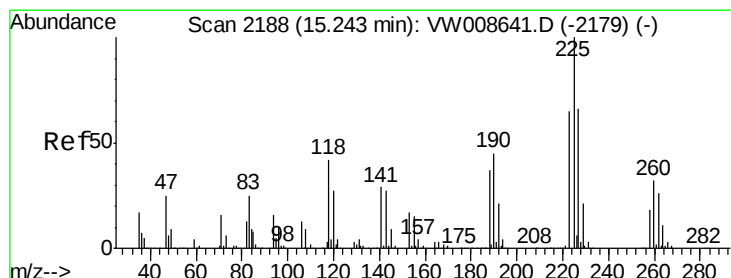
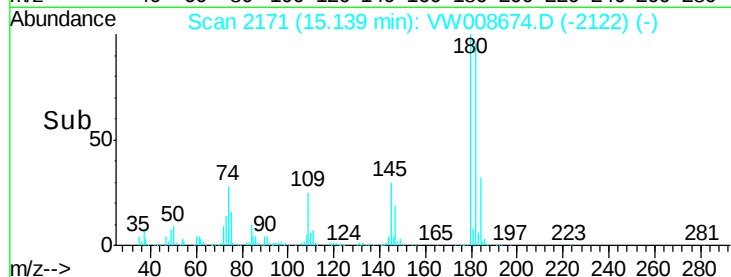
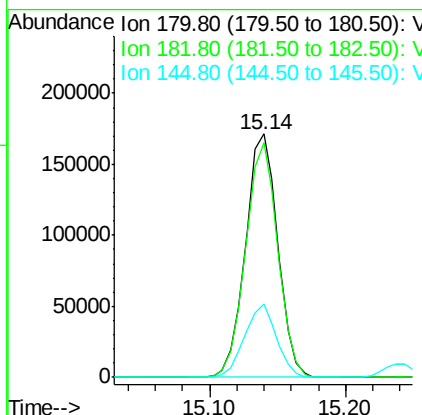
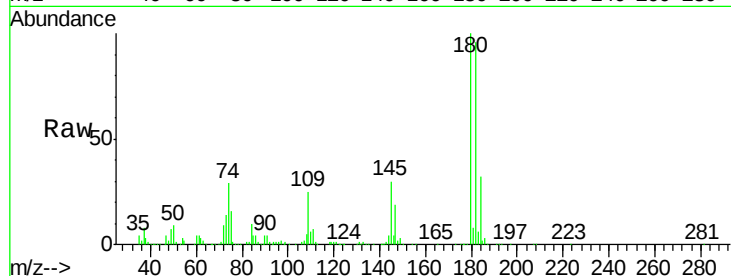




#93
1,2,4-Trichlorobenzene
Concen: 54.102 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

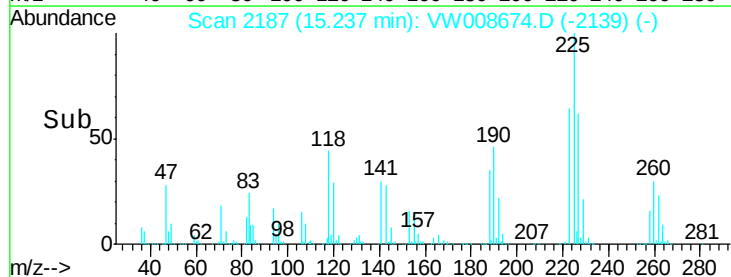
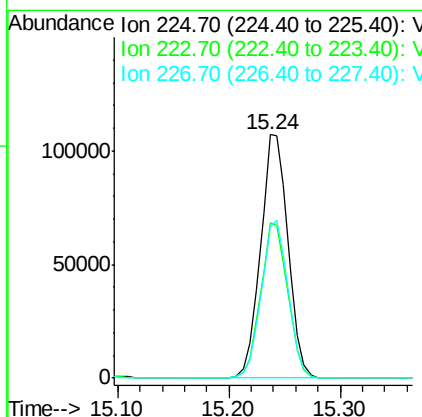
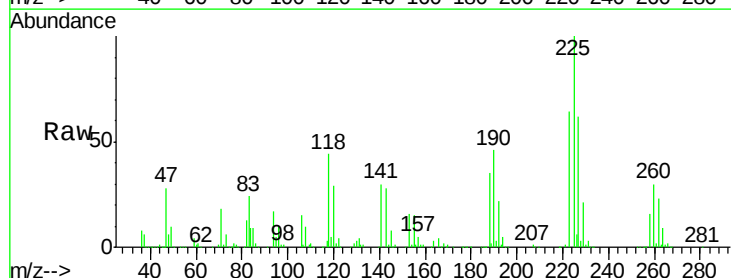
Instrument :
MSVOA_W
ClientSampleId :

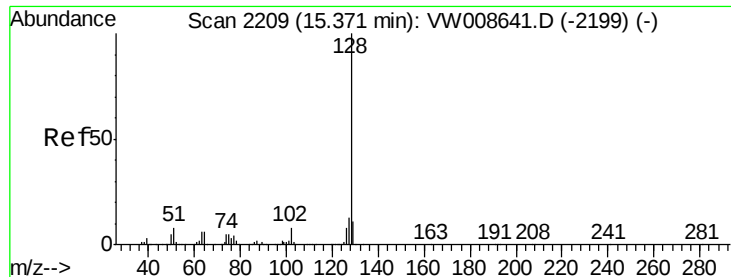
Tot Ion:180 Resp: 285085
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.5
145 29.7 15.1 45.3



#94
Hexachlorobutadiene
Concen: 60.008 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.01 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion:225 Resp: 184065
Ion Ratio Lower Upper
225 100
223 62.9 31.4 94.3
227 63.4 32.4 97.0

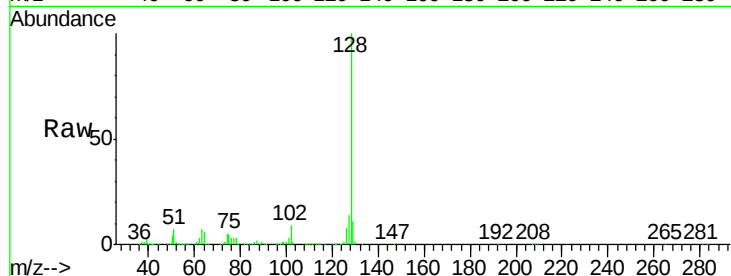




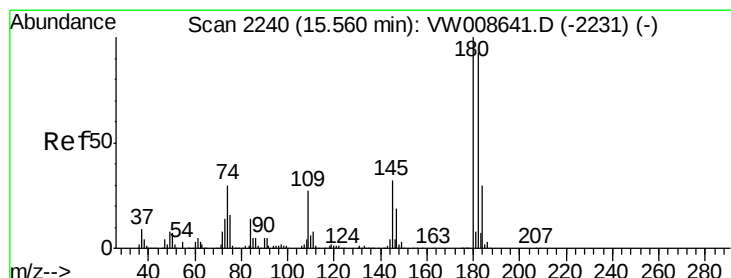
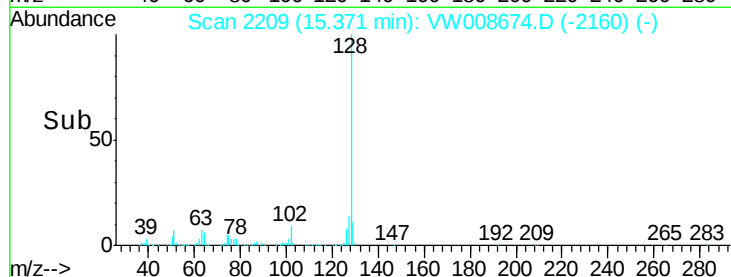
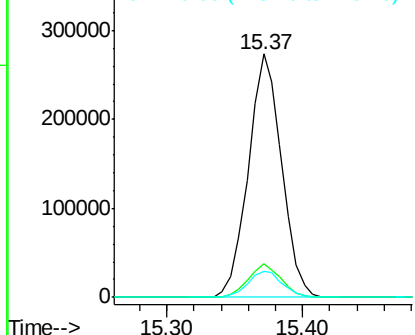
#95
Naphthalene
Concen: 49.517 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 467599
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 11.1 8.7 13.1

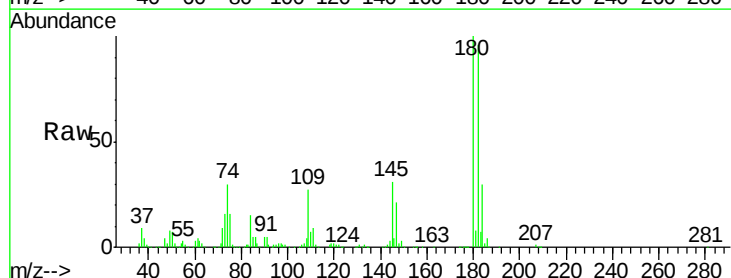


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.200 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008674.D
Acq: 15 Feb 2019 10:16

Tgt Ion:180 Resp: 240561
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.5
145 31.1 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

