

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008676.D
 Acq On : 15 Feb 2019 11:30
 Operator : SY/VA
 Sample : VW0215SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 00:31:44 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	7.94	168	403957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	595322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	521010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	270395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	196703	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	7.88	113	188903	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.32	98	732896	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.62	95	262240	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52351	20.234	ug/l	98
3) Chloromethane	2.21	50	66502	17.830	ug/l	94
4) Vinyl Chloride	2.36	62	91597	18.696	ug/l	98
5) Bromomethane	2.77	94	72620	18.732	ug/l	94
6) Chloroethane	2.92	64	69688	19.116	ug/l	98
7) Trichlorofluoromethane	3.24	101	67955	17.808	ug/l	97
8) Diethyl Ether	3.67	74	39581	17.382	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	83364	20.673	ug/l #	87
10) Methyl Iodide	4.25	142	126585	20.112	ug/l	99
11) Tert butyl alcohol	5.17	59	24086	71.682	ug/l	95
12) 1,1-Dichloroethene	4.03	96	76924	19.506	ug/l	97
13) Acrolein	3.89	56	27251	78.716	ug/l	99
14) Allyl chloride	4.65	41	126310	19.278	ug/l	98
15) Acrylonitrile	5.36	53	79349	82.787	ug/l	98
16) Acetone	4.12	43	77370	80.959	ug/l	99
17) Carbon Disulfide	4.37	76	235472	19.786	ug/l	99
18) Methyl Acetate	4.67	43	33839	15.496	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	122103	17.637	ug/l	93
20) Methylene Chloride	4.91	84	84149	14.908	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	87772	20.323	ug/l	98
22) Diisopropyl ether	6.31	45	244057	18.507	ug/l	100
23) Vinyl Acetate	6.25	43	716354	83.698	ug/l	99
24) 1,1-Dichloroethane	6.20	63	148472	19.511	ug/l	99
25) 2-Butanone	7.17	43	103264	76.523	ug/l	95
26) 2,2-Dichloropropane	7.15	77	99007	20.827	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	89904	19.251	ug/l	99
28) Bromochloromethane	7.51	49	57902	18.025	ug/l	98
29) Tetrahydrofuran	7.52	42	66888	75.202	ug/l	97
30) Chloroform	7.67	83	147257	19.313	ug/l	97
31) Cyclohexane	7.95	56	149029	19.403	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	130424	20.253	ug/l	99
36) 1,1-Dichloropropene	8.07	75	122782	20.528	ug/l	99
37) Ethyl Acetate	7.25	43	43367	15.031	ug/l	97
38) Carbon Tetrachloride	8.06	117	126242	21.226	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008676.D
 Acq On : 15 Feb 2019 11:30
 Operator : SY/VA
 Sample : VW0215SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 00:31:44 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)
39) Methylcyclohexane	9.33	83	155615	20.570	ug/l	99
40) Benzene	8.32	78	332133	20.333	ug/l	100
41) Methacrylonitrile	7.48	41	28917	17.814	ug/l	98
42) 1,2-Dichloroethane	8.40	62	95208	18.791	ug/l	98
43) Isopropyl Acetate	8.42	43	93283	16.215	ug/l	96
44) Trichloroethene	9.09	130	94277	20.816	ug/l	95
45) 1,2-Dichloropropane	9.37	63	79026	19.548	ug/l	99
46) Dibromomethane	9.45	93	41821	18.780	ug/l	96
47) Bromodichloromethane	9.64	83	104883	19.597	ug/l	97
48) Methyl methacrylate	9.43	41	42878	16.082	ug/l	96
49) 1,4-Dioxane	9.45	88	12846	361.384	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	231865	78.458	ug/l	99
52) Toluene	10.38	92	213059	20.218	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	103034	18.326	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	121718	19.097	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	55932	18.305	ug/l	98
56) Ethyl methacrylate	10.65	69	65664	16.184	ug/l	99
57) 1,3-Dichloropropane	10.93	76	99229	18.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	185695	95.406	ug/l	99
59) 2-Hexanone	10.97	43	161220	77.656	ug/l	99
60) Dibromochloromethane	11.13	129	67447	18.448	ug/l	99
61) 1,2-Dibromoethane	11.23	107	53870	17.906	ug/l	99
64) Tetrachloroethene	10.86	164	80076	20.668	ug/l	96
65) Chlorobenzene	11.66	112	229546	20.441	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	78515	19.737	ug/l	98
67) Ethyl Benzene	11.73	91	414882	20.741	ug/l	98
68) m/p-Xylenes	11.84	106	322120	41.387	ug/l	97
69) o-Xylene	12.16	106	147816	20.092	ug/l	100
70) Styrene	12.18	104	235201	19.573	ug/l	98
71) Bromoform	12.35	173	38957	18.175	ug/l #	97
73) Isopropylbenzene	12.46	105	418880	20.797	ug/l	100
74) N-amyl acetate	12.27	43	86131	15.814	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	61383	17.516	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	84106	31.500	ug/l #	100
77) Bromobenzene	12.75	156	93627	20.222	ug/l	97
78) n-propylbenzene	12.80	91	501219	20.944	ug/l	99
79) 2-Chlorotoluene	12.90	91	278515	20.592	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	345818	20.671	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	17966	16.608	ug/l	97
82) 4-Chlorotoluene	12.99	91	287477	20.056	ug/l	97
83) tert-Butylbenzene	13.21	119	303465	20.890	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	351353	20.434	ug/l	100
85) sec-Butylbenzene	13.38	105	445733	21.073	ug/l	99
86) p-Isopropyltoluene	13.50	119	394539	20.851	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	189435	20.184	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	188010	20.326	ug/l	98
89) n-Butylbenzene	13.83	91	372262	20.703	ug/l	98
90) Hexachloroethane	14.10	117	68508	20.723	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	164969	19.839	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10086	16.563	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
Data File : VW008676.D
Acq On : 15 Feb 2019 11:30
Operator : SY/VA
Sample : VW0215SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 16 00:31:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration

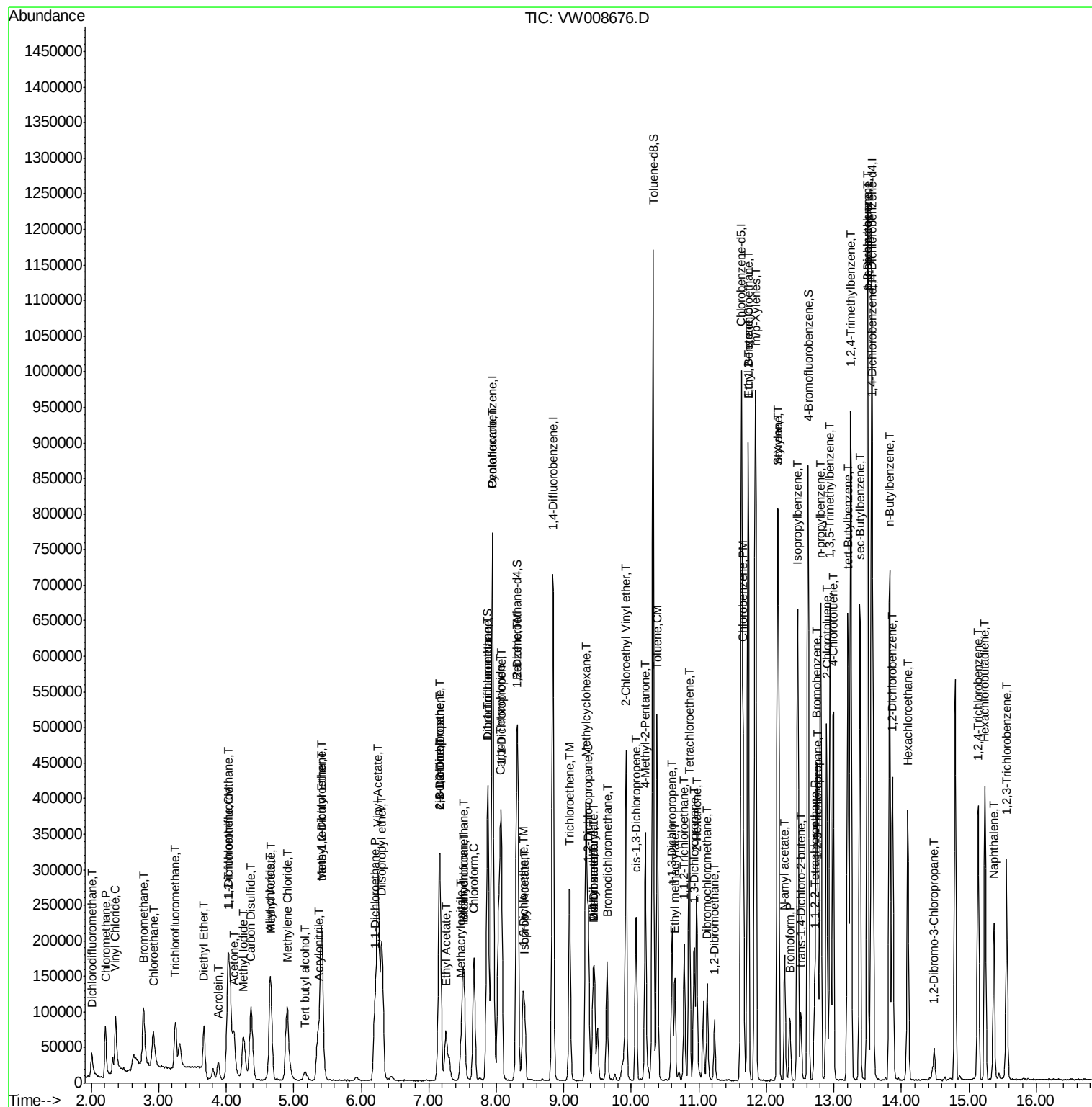
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	119693	20.221	ug/l	99
94) Hexachlorobutadiene	15.24	225	77597	22.521	ug/l	99
95) Naphthalene	15.37	128	187523	17.678	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	101397	19.962	ug/l	100

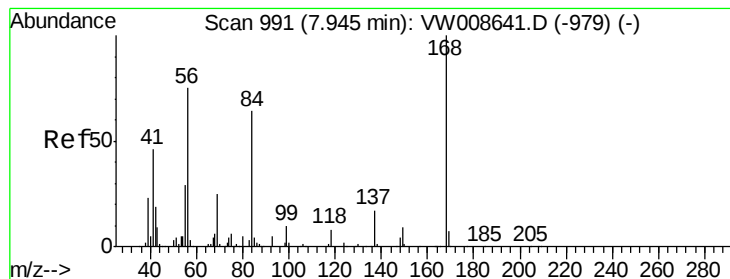
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
Data File : VW008676.D
Acq On : 15 Feb 2019 11:30
Operator : SY/VA
Sample : VW0215SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :

Quant Time: Feb 16 00:31:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

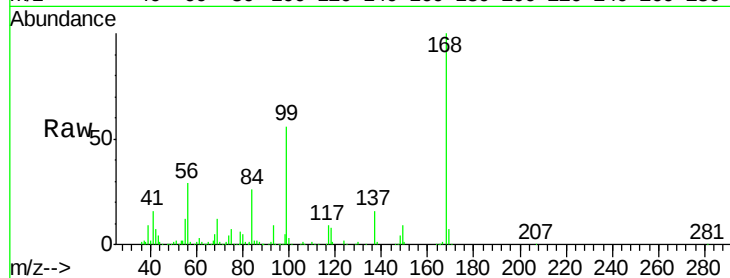
ClientSampleId :

Tot Ion:168 Resp: 403957

Ion Ratio Lower Upper

168 100

99 56.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

200000

150000

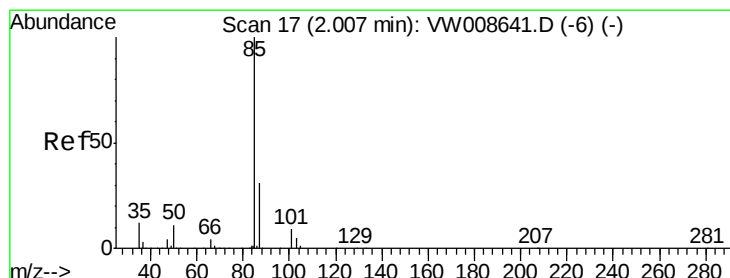
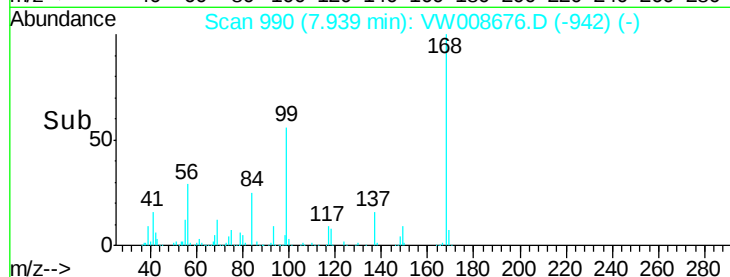
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.234 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW008676.D

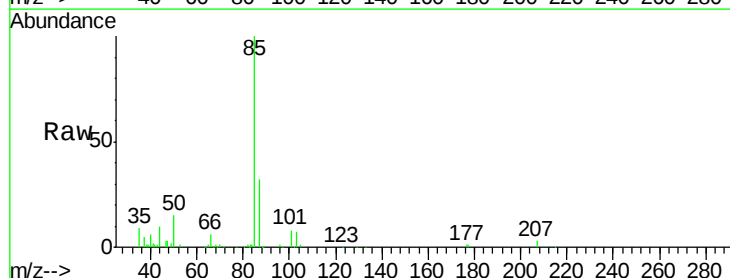
Acq: 15 Feb 2019 11:30

Tgt Ion: 85 Resp: 52351

Ion Ratio Lower Upper

85 100

87 32.1 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

20000

15000

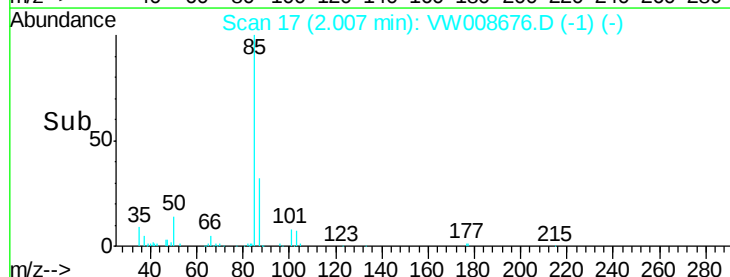
10000

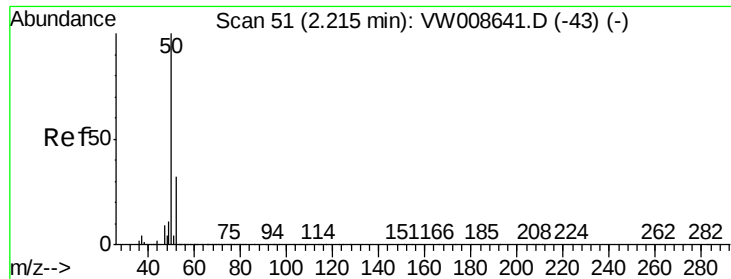
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 17.830 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

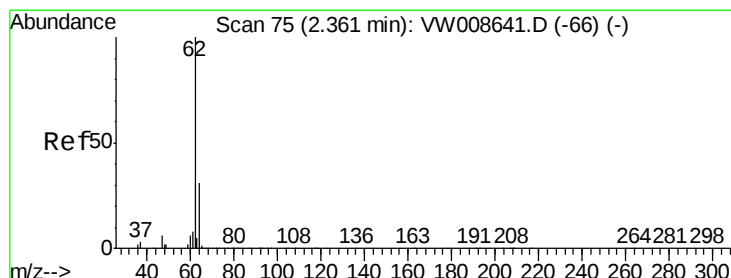
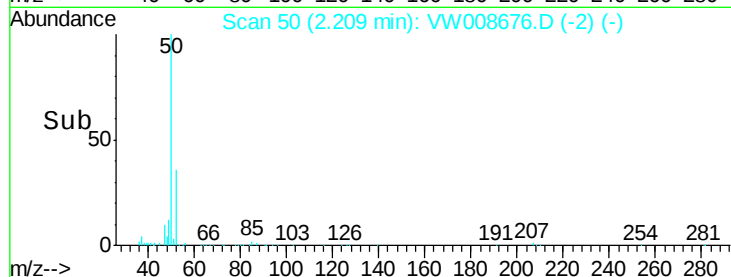
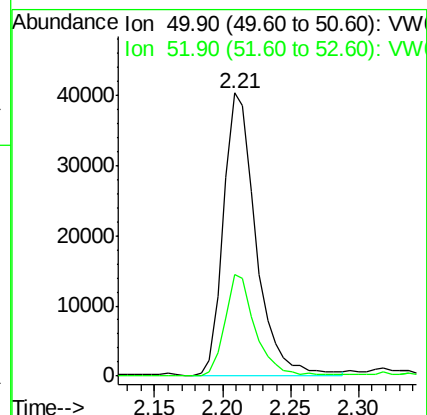
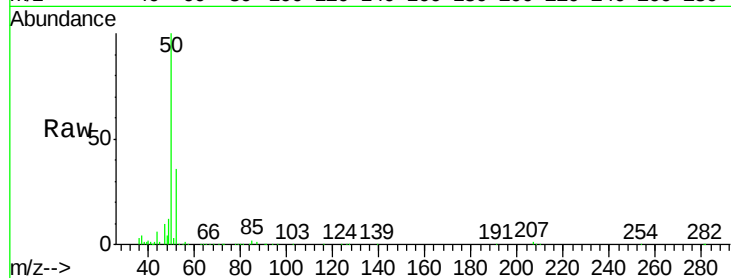
ClientSampled :

Tot Ion: 50 Resp: 66502

Ion Ratio Lower Upper

50 100

52 35.8 26.0 39.0



#4

Vinyl Chloride

Concen: 18.696 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW008676.D

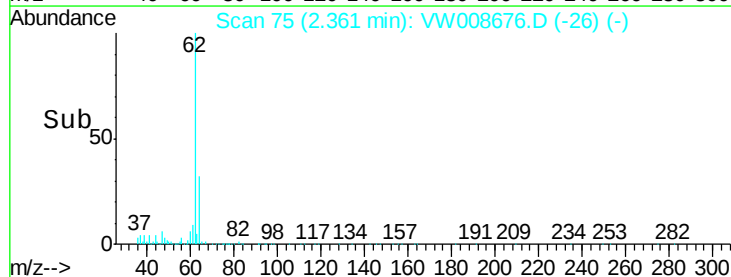
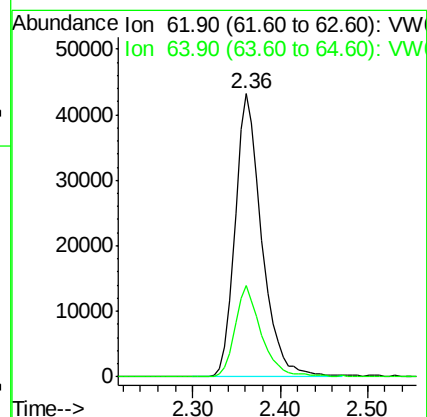
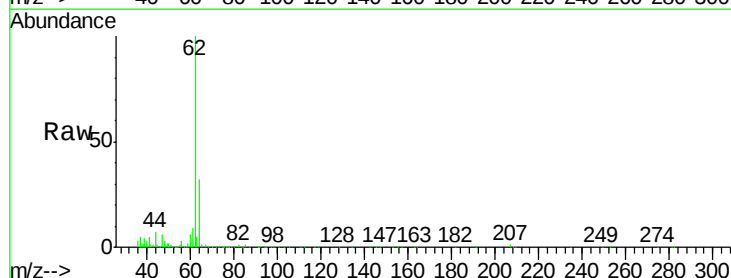
Acq: 15 Feb 2019 11:30

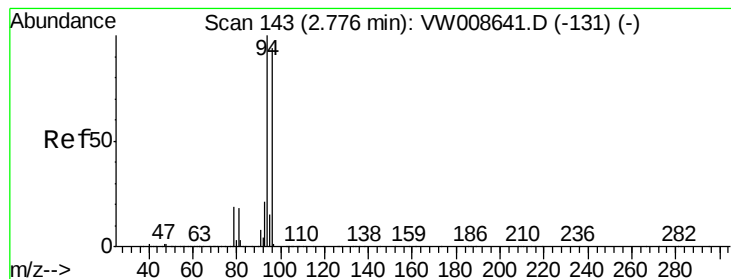
Tgt Ion: 62 Resp: 91597

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 18.732 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

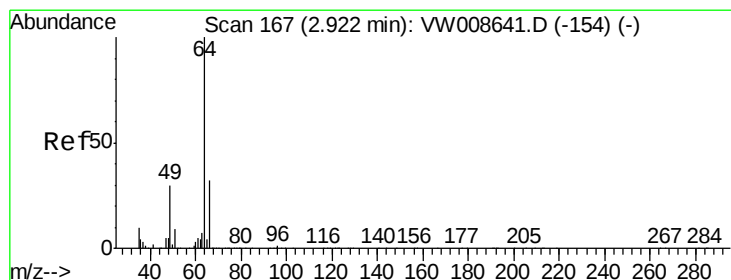
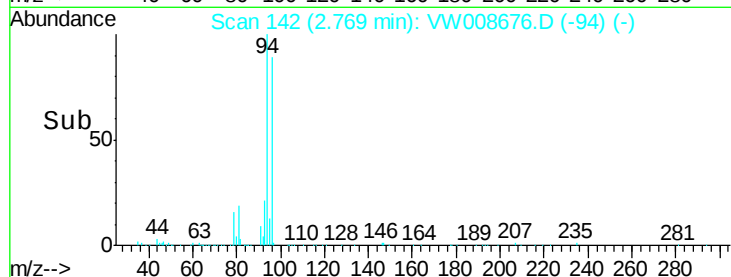
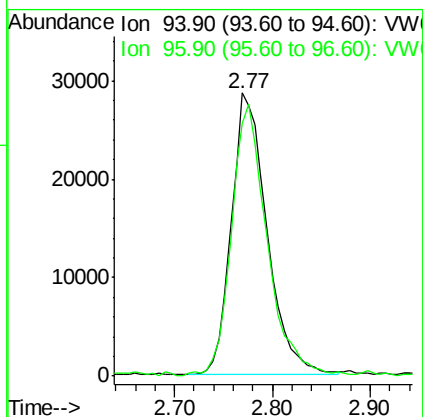
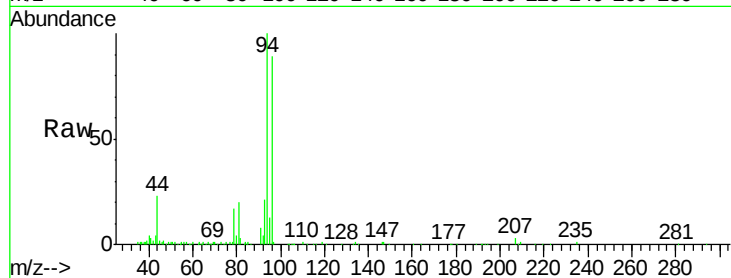
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 72620

Ion Ratio Lower Upper

94 100

96 88.5 75.5 113.3



#6

Chloroethane

Concen: 19.116 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW008676.D

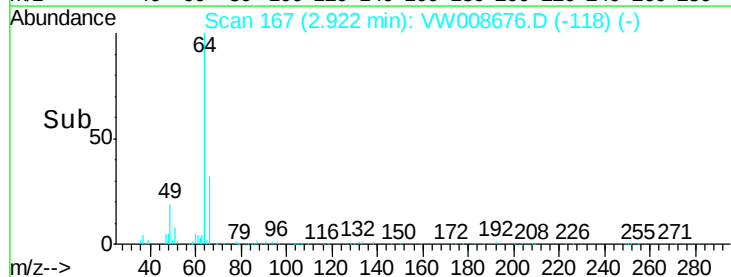
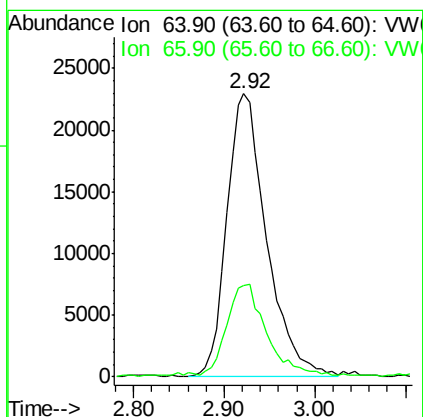
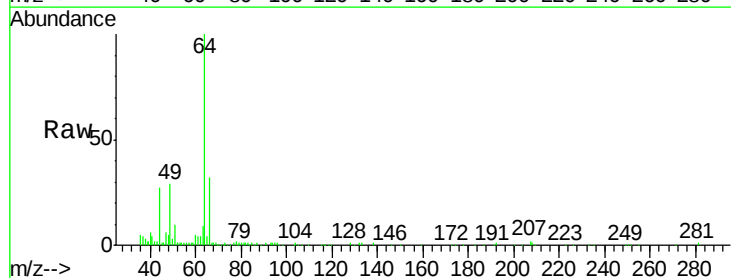
Acq: 15 Feb 2019 11:30

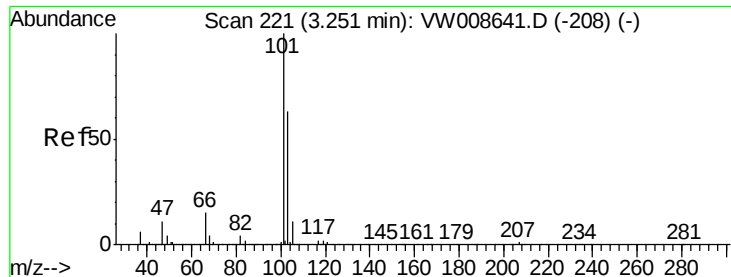
Tgt Ion: 64 Resp: 69688

Ion Ratio Lower Upper

64 100

66 31.7 26.2 39.4



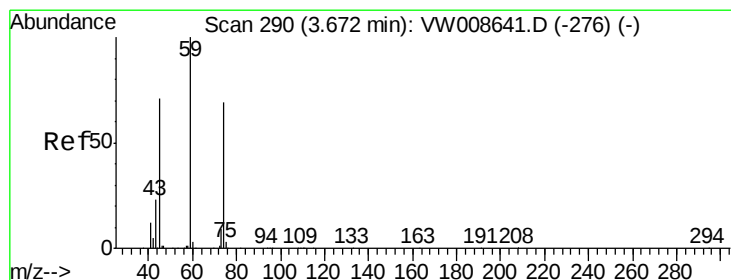
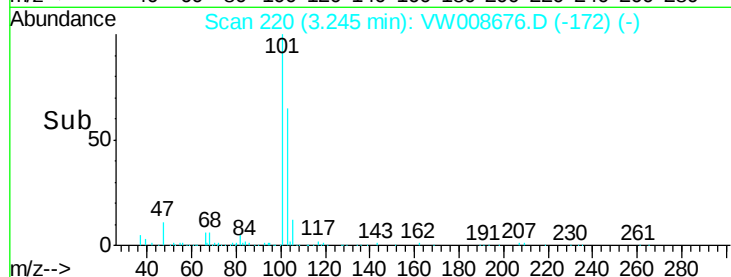
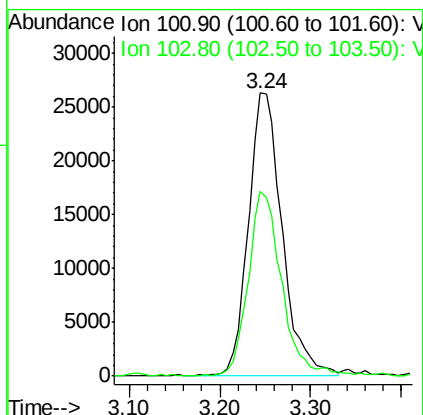
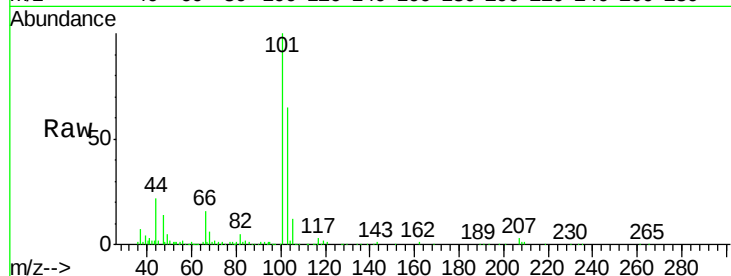


#7

Trichlorofluoromethane
Concen: 17.808 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

Instrument :
MSVOA_W
ClientSampled :

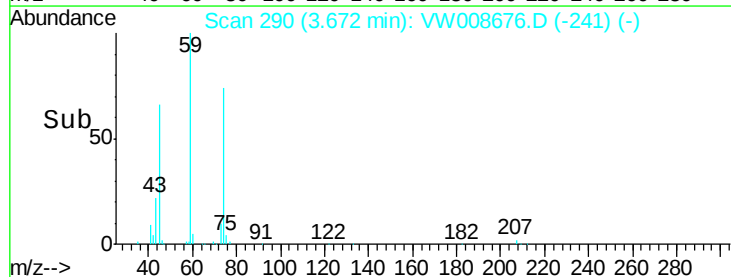
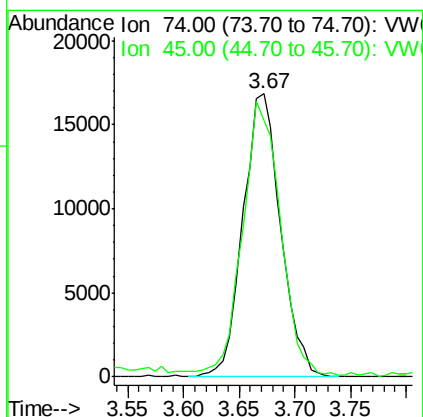
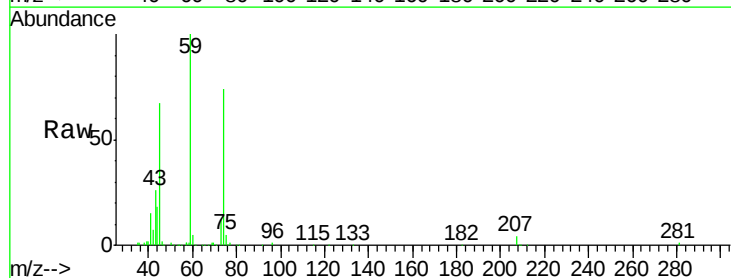
Tot Ion:101 Resp: 67955
Ion Ratio Lower Upper
101 100
103 65.4 50.5 75.7

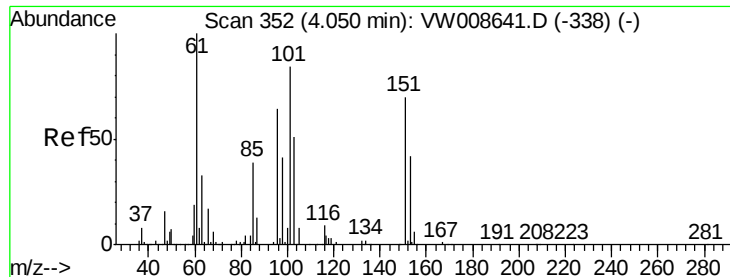


#8

Diethyl Ether
Concen: 17.382 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

Tgt Ion: 74 Resp: 39581
Ion Ratio Lower Upper
74 100
45 96.7 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.673 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW008676.D

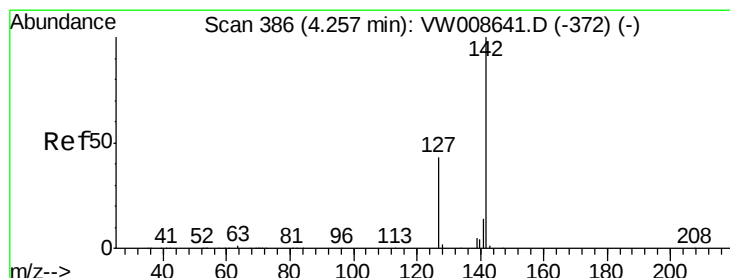
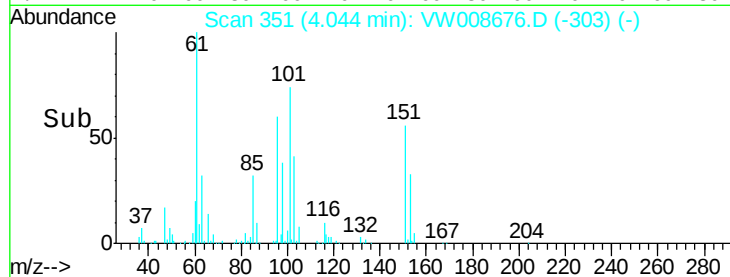
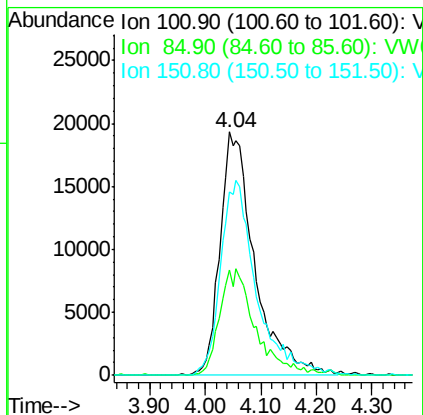
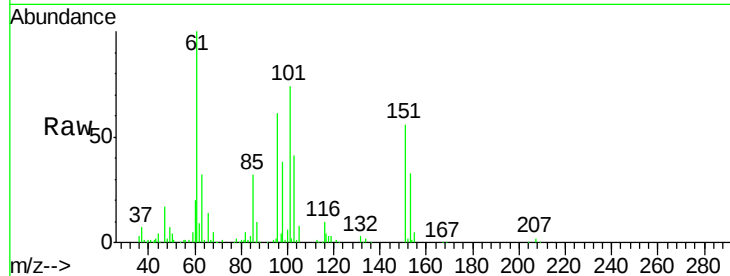
Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	101	Resp:	83364
Ion	Ratio	Lower	Upper
101	100		
85	18.2	34.3	51.5#
151	82.0	65.6	98.4



#10

Methyl Iodide

Concen: 20.112 ug/l

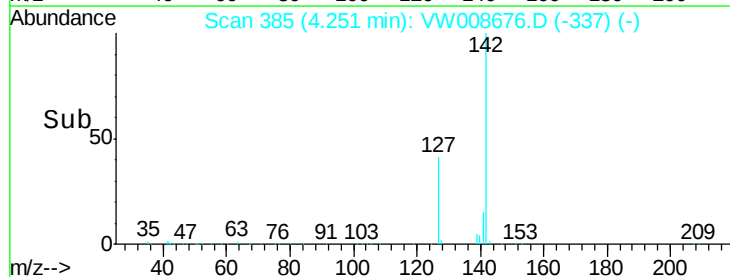
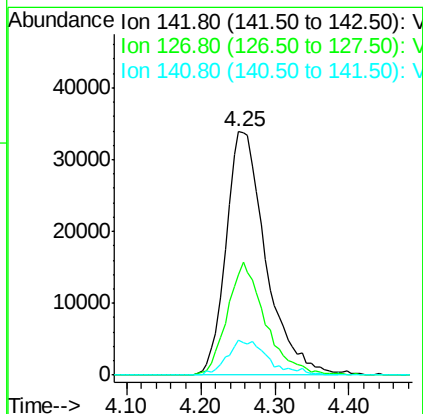
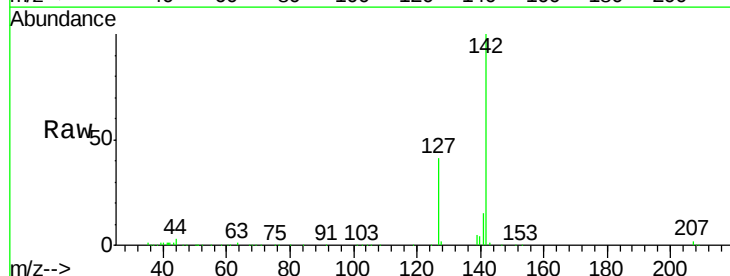
RT: 4.25 min Scan# 385

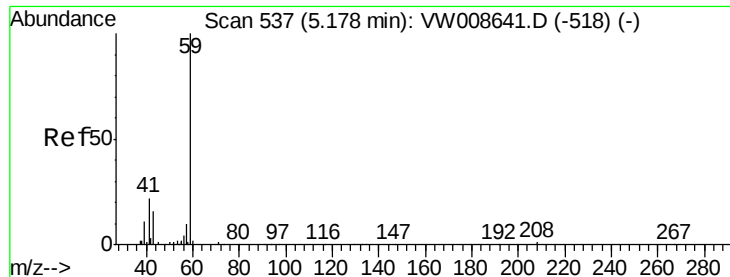
Delta R.T. -0.01 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Tgt Ion:	142	Resp:	126585
Ion	Ratio	Lower	Upper
142	100		
127	44.5	34.8	52.2
141	14.8	11.8	17.8



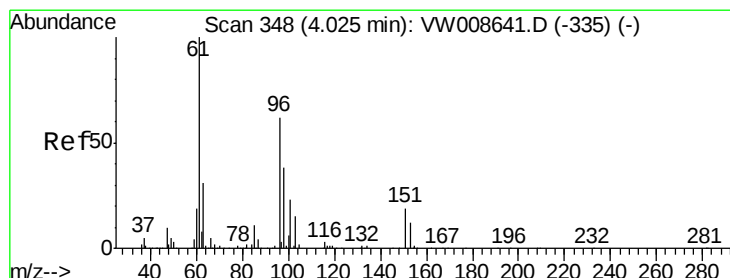
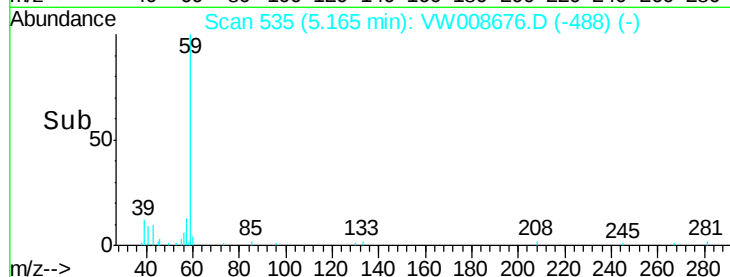
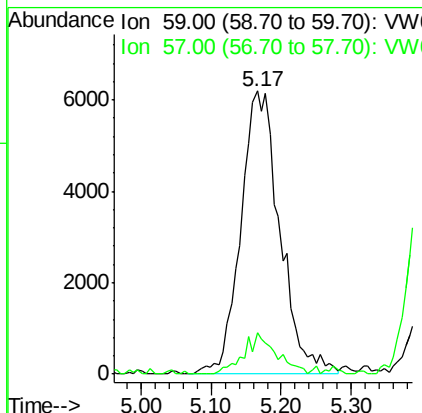
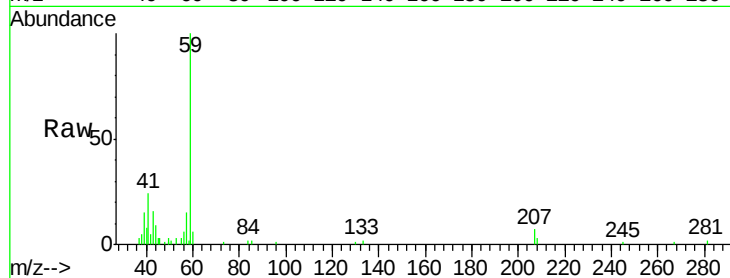


#11

Tert butyl alcohol
 Concen: 71.682 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Instrument :
 MSVOA_W
 ClientSampleId :

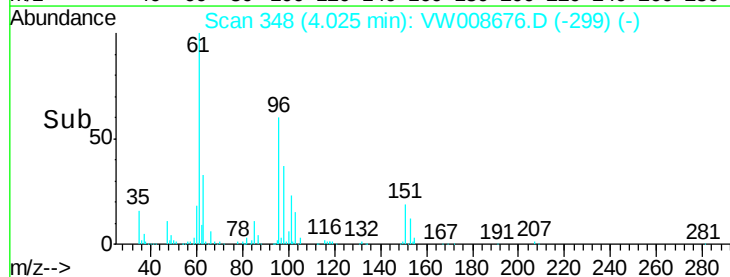
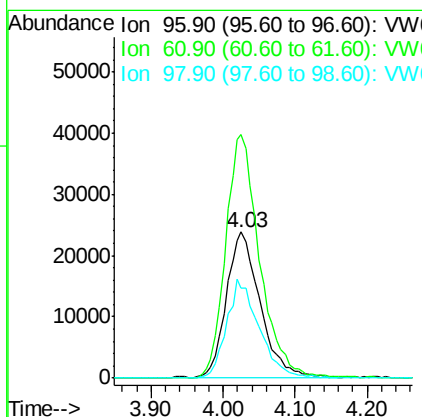
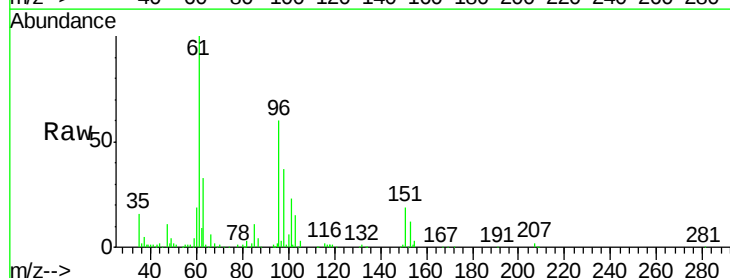
Tot Ion: 59 Resp: 24086
 Ion Ratio Lower Upper
 59 100
 57 12.2 8.3 12.5

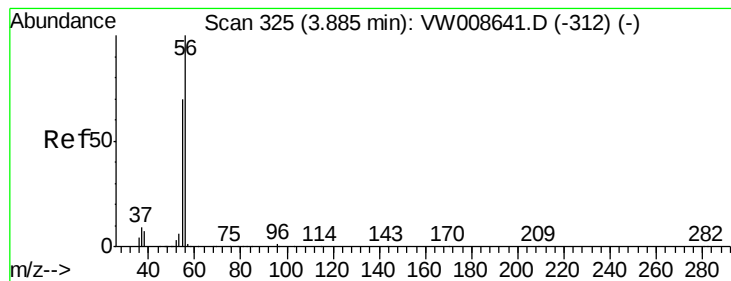


#12

1,1-Dichloroethene
 Concen: 19.506 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Tgt Ion: 96 Resp: 76924
 Ion Ratio Lower Upper
 96 100
 61 167.0 129.8 194.6
 98 61.7 49.3 73.9





#13

Acrolein

Concen: 78.716 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

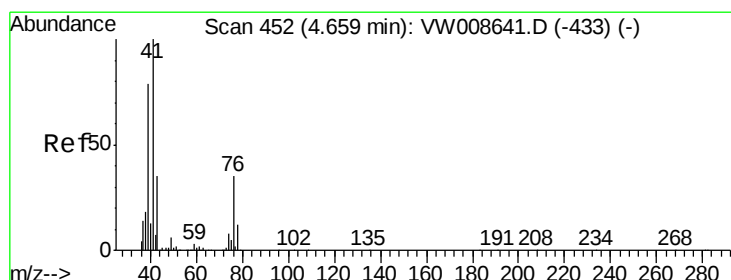
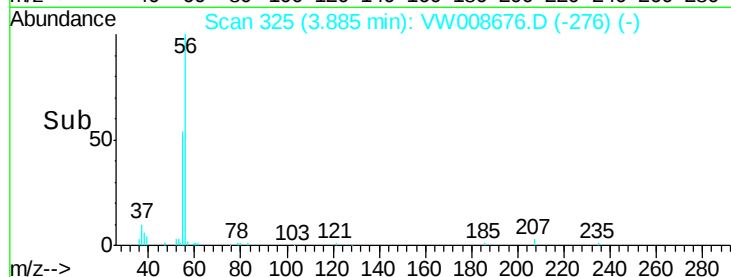
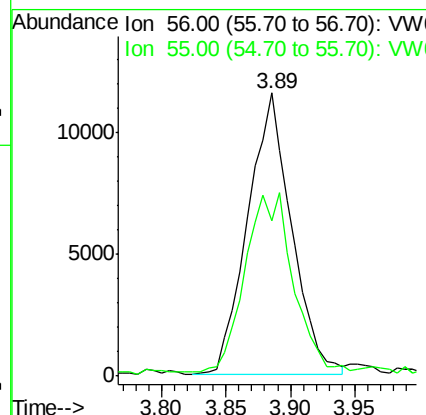
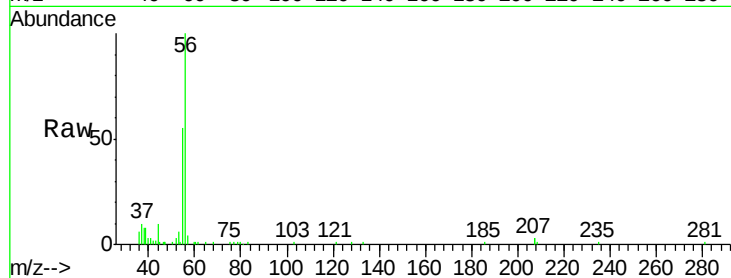
ClientSampleId :

Tot Ion: 56 Resp: 27251

Ion Ratio Lower Upper

56 100

55 71.0 57.4 86.2



#14

Allyl chloride

Concen: 19.278 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

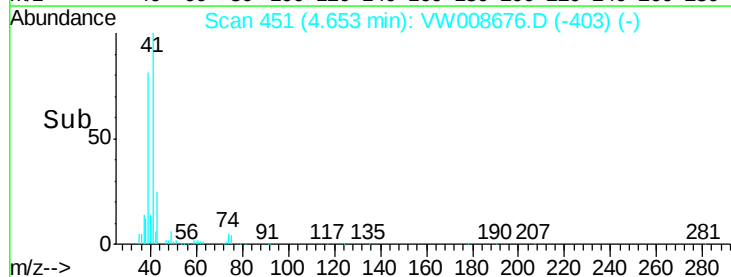
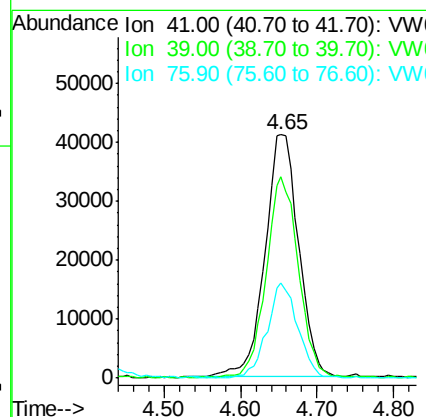
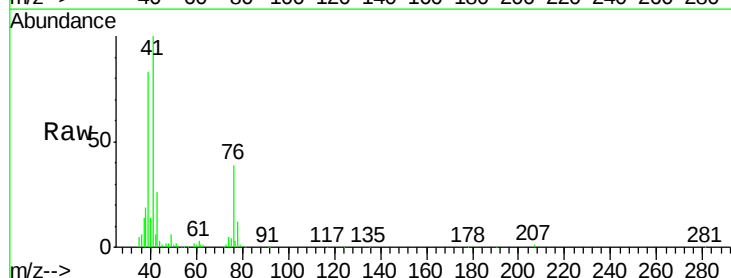
Tgt Ion: 41 Resp: 126310

Ion Ratio Lower Upper

41 100

39 79.6 61.7 92.5

76 35.0 27.7 41.5





#15

Acrylonitrile

Concen: 82.787 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

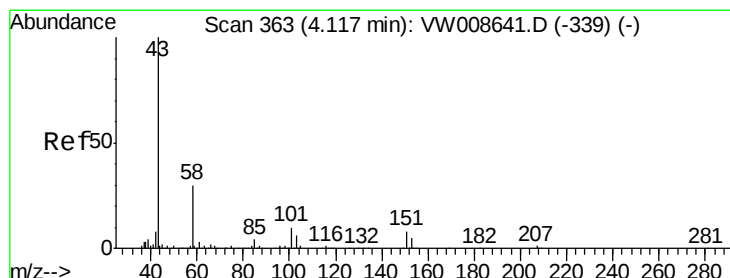
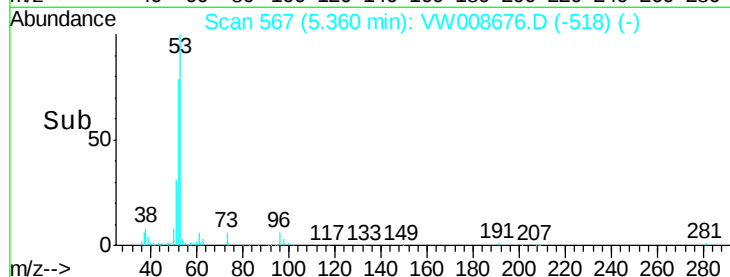
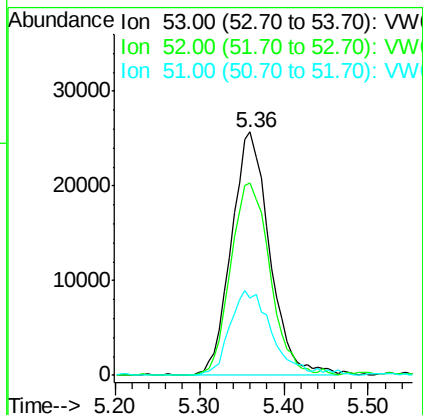
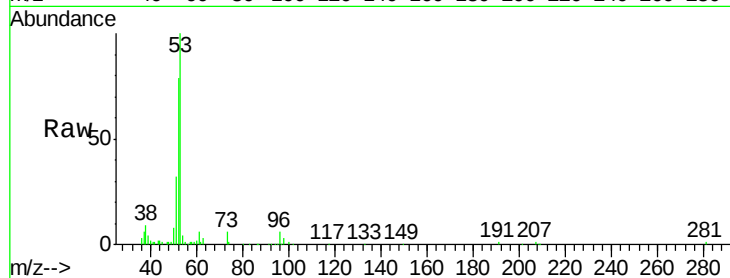
Tot Ion: 53 Resp: 79349

Ion Ratio Lower Upper

53 100

52 81.2 66.8 100.2

51 37.6 29.4 44.0



#16

Acetone

Concen: 80.959 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008676.D

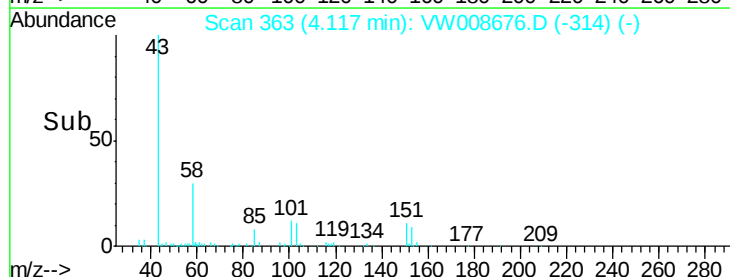
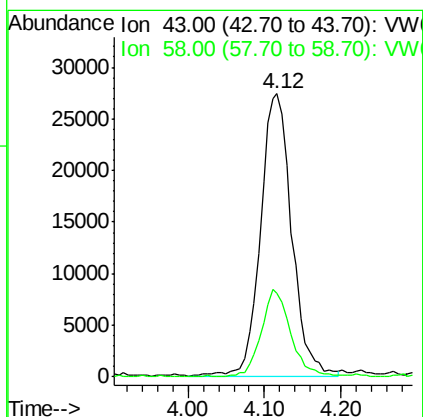
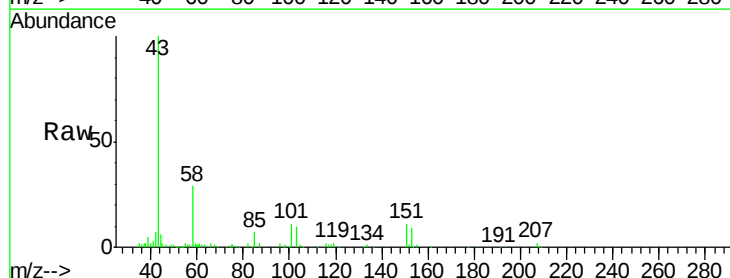
Acq: 15 Feb 2019 11:30

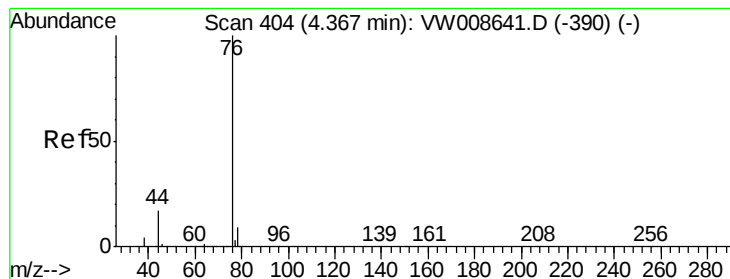
Tgt Ion: 43 Resp: 77370

Ion Ratio Lower Upper

43 100

58 29.5 24.1 36.1





#17

Carbon Disulfide

Concen: 19.786 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

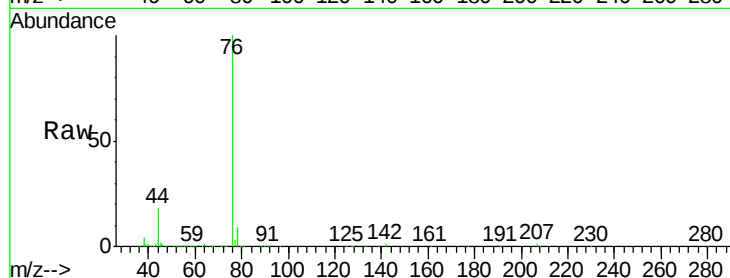
ClientSampleId :

Tot Ion: 76 Resp: 235472

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

80000

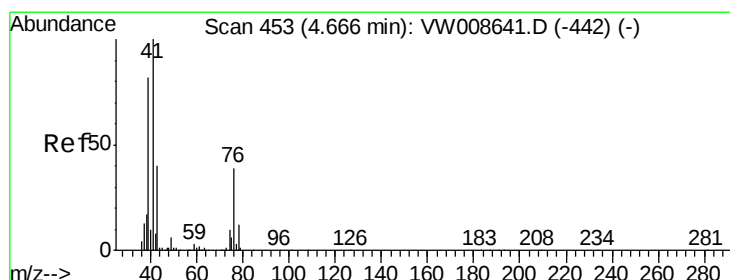
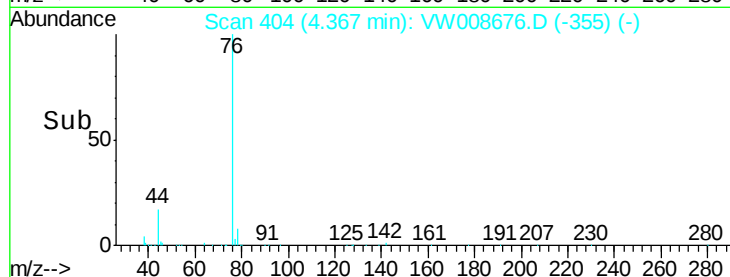
60000

40000

20000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 15.496 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008676.D

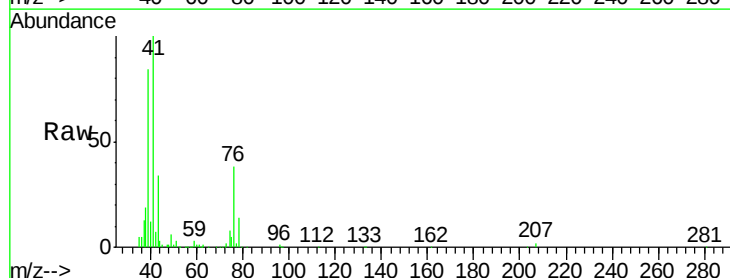
Acq: 15 Feb 2019 11:30

Tgt Ion: 43 Resp: 33839

Ion Ratio Lower Upper

43 100

74 25.6 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

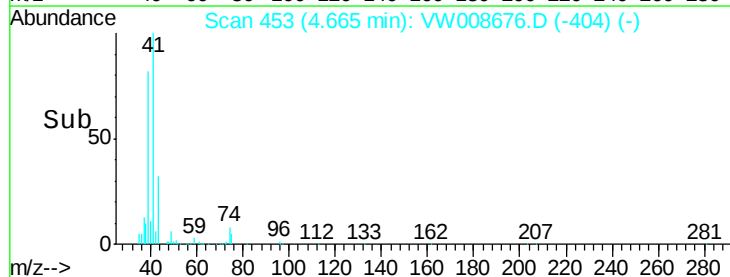
4.67

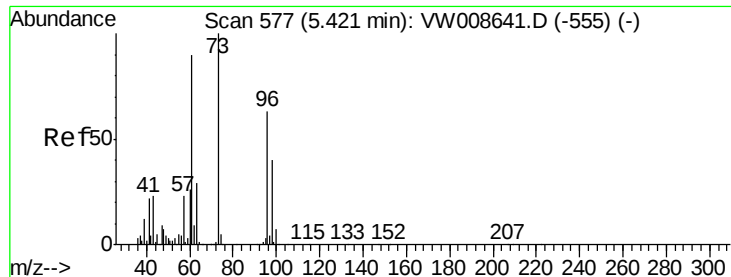
10000

5000

0

Time--> 4.60 4.70

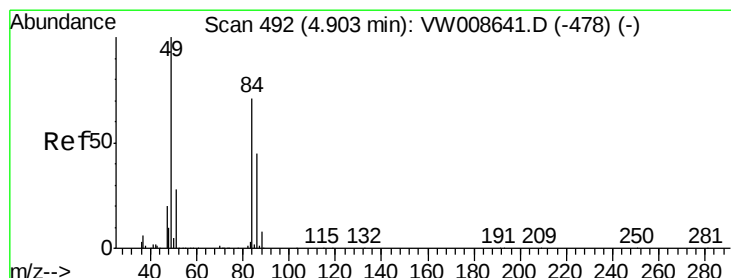
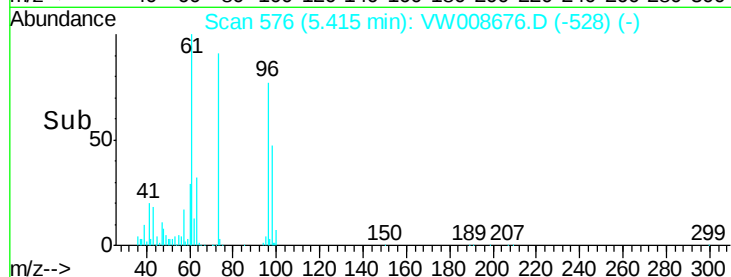
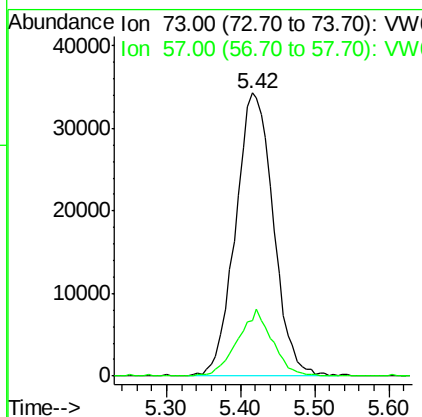
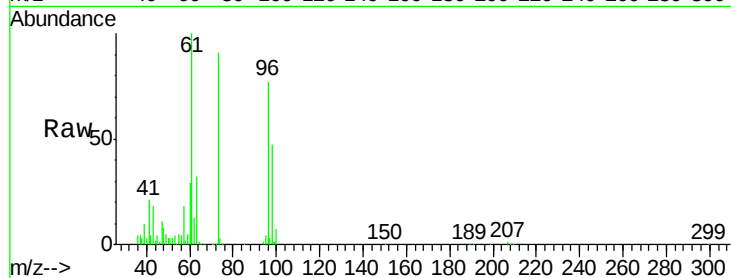




#19
Methyl tert-butyl Ether
Concen: 17.637 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

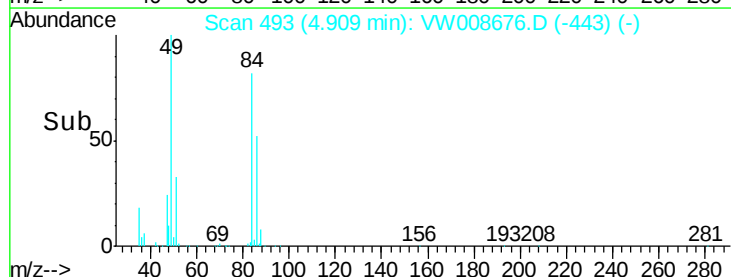
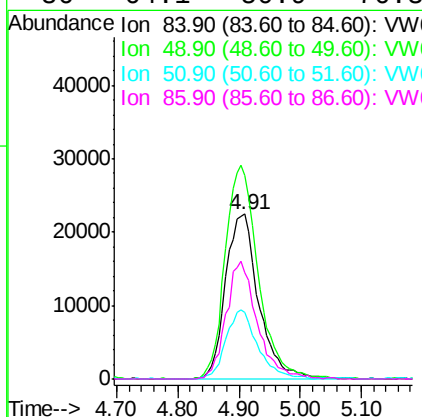
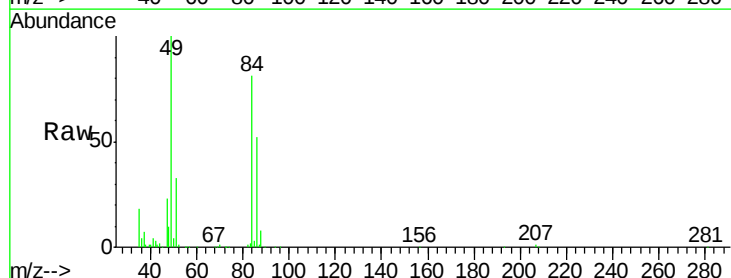
Instrument :
MSVOA_W
ClientSampleId :

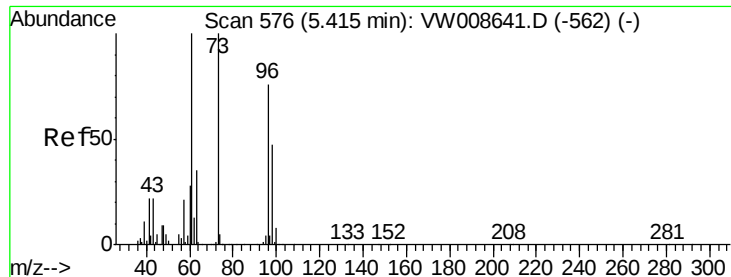
Tot Ion: 73 Resp: 122103
Ion Ratio Lower Upper
73 100
57 19.5 18.2 27.2



#20
Methylene Chloride
Concen: 14.908 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

Tgt Ion: 84 Resp: 84149
Ion Ratio Lower Upper
84 100
49 123.2 113.3 169.9
51 40.1 32.1 48.1
86 64.1 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 20.323 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :
MSVOA_W
ClientSampleId :

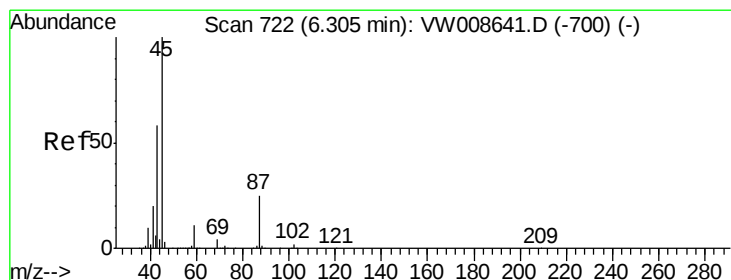
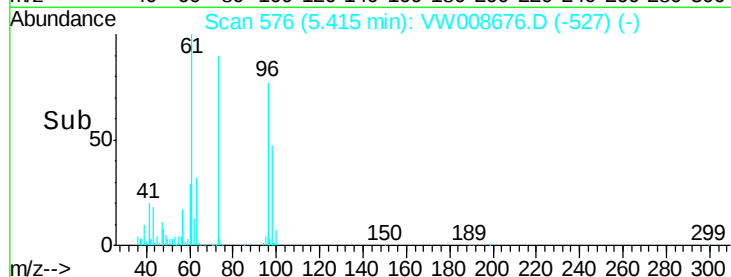
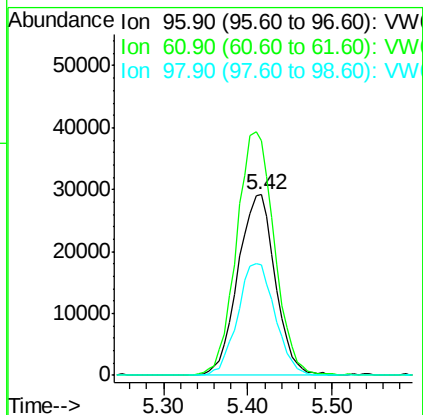
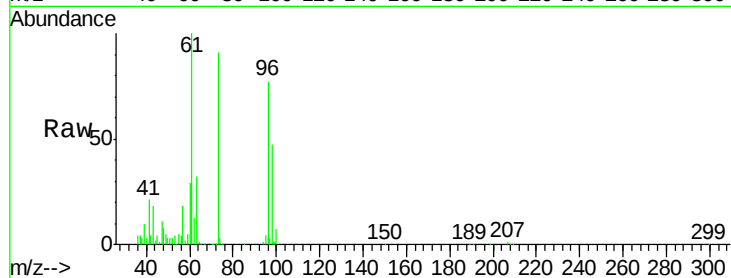
Tot Ion: 96 Resp: 87772

Ion Ratio Lower Upper

96 100

61 129.4 105.9 158.9

98 61.2 49.8 74.6



#22

Diisopropyl ether

Concen: 18.507 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Tgt Ion: 45 Resp: 244057

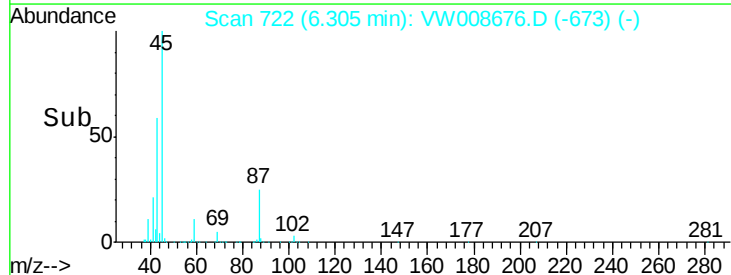
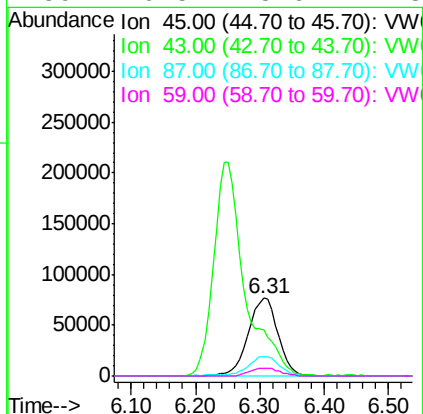
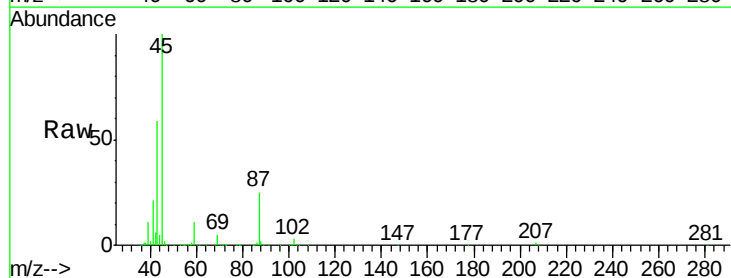
Ion Ratio Lower Upper

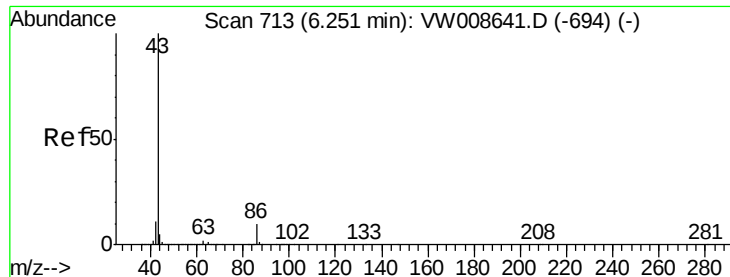
45 100

43 57.7 46.1 69.1

87 25.1 20.5 30.7

59 10.5 8.6 12.8

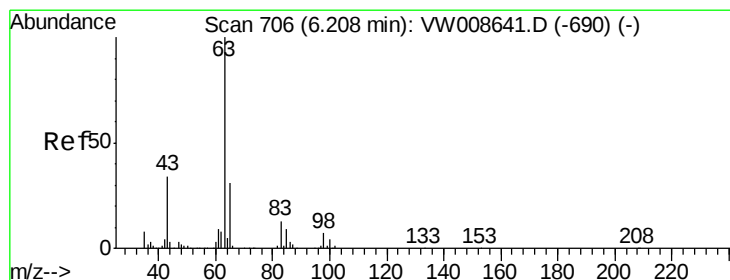
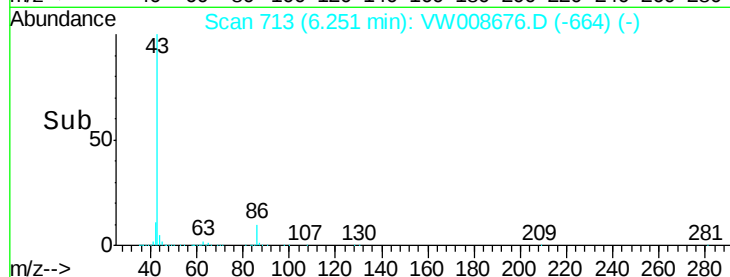
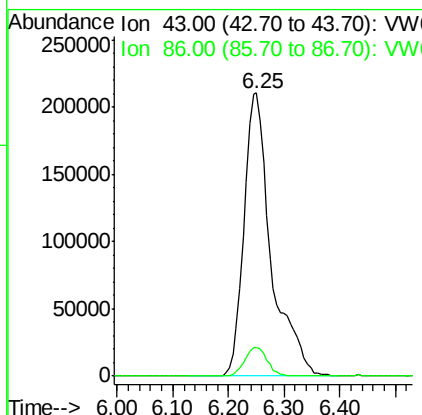
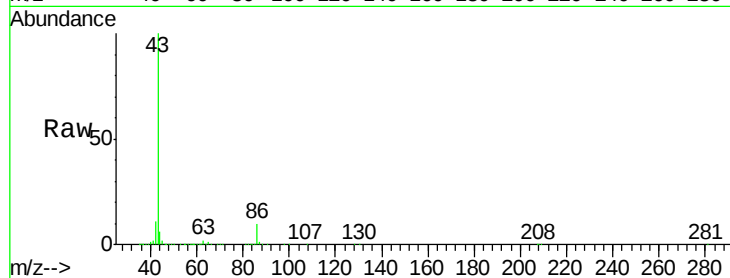




#23
 Vinyl Acetate
 Concen: 83.698 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

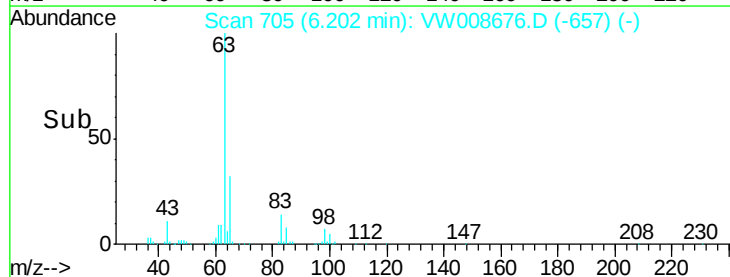
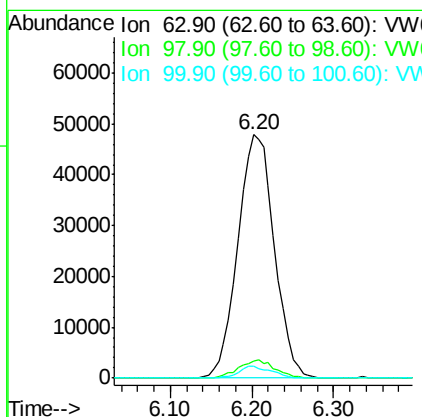
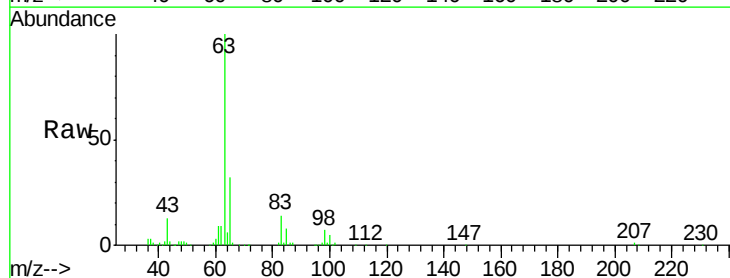
Instrument :
 MSVOA_W
 ClientSampleId :

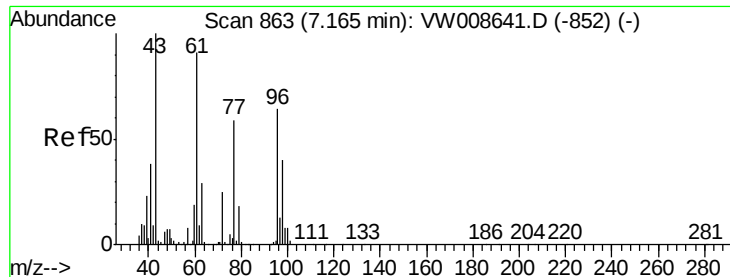
Tot Ion: 43 Resp: 716354
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 19.511 ug/l
 RT: 6.20 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Tgt Ion: 63 Resp: 148472
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 5.0 2.2 6.6





#25

2-Butanone

Concen: 76.523 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

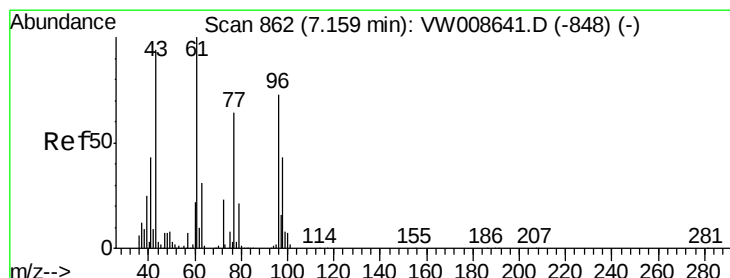
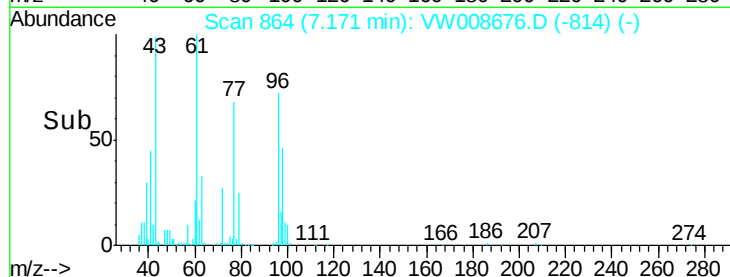
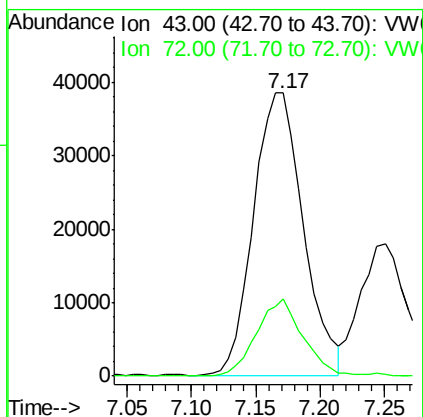
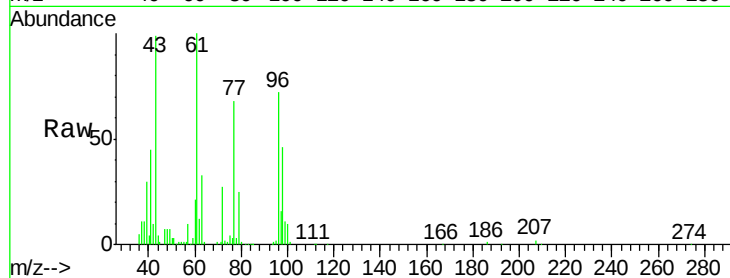
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 103264

Ion Ratio Lower Upper

43 100

72 27.3 19.7 29.5



#26

2,2-Dichloropropane

Concen: 20.827 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW008676.D

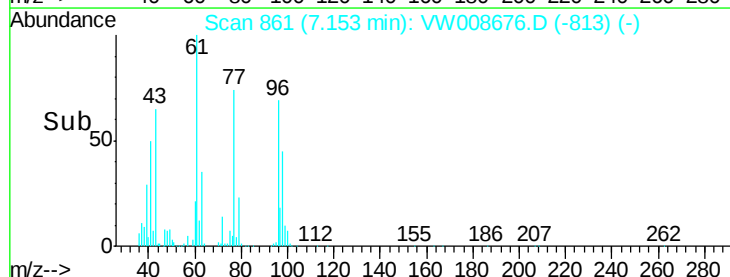
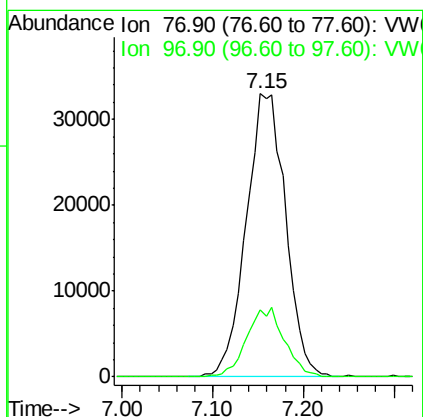
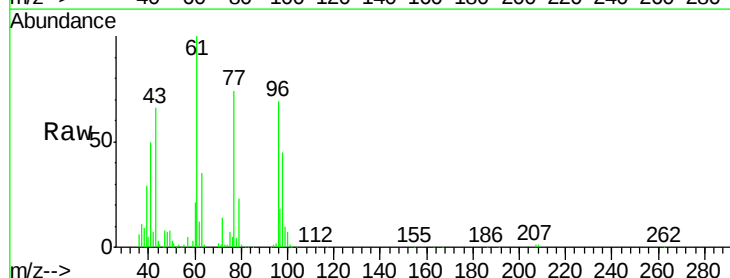
Acq: 15 Feb 2019 11:30

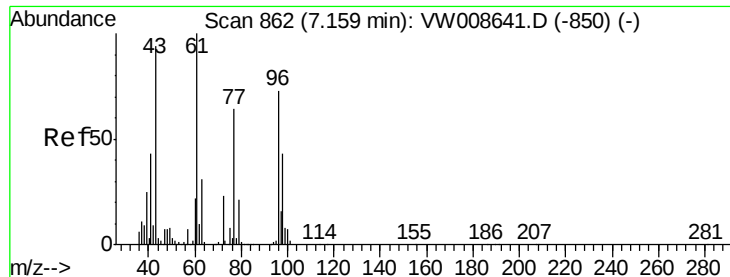
Tgt Ion: 77 Resp: 99007

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0



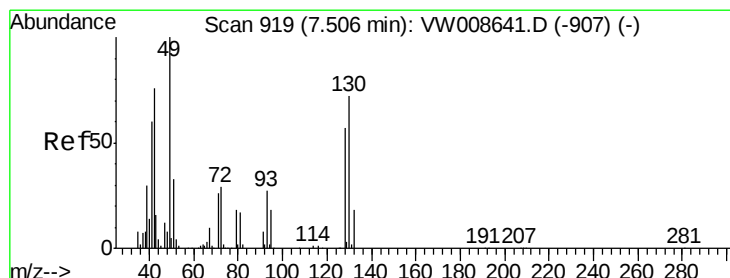
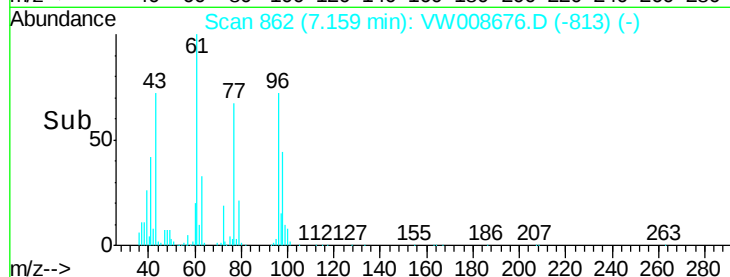
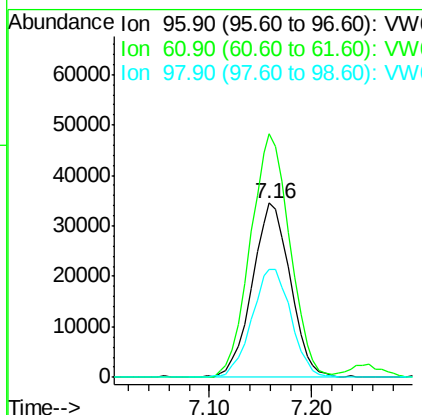
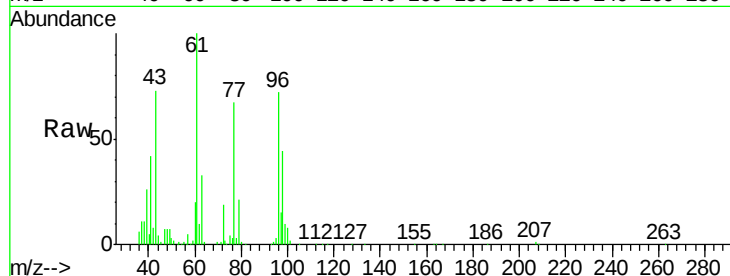


#27

cis-1,2-Dichloroethene
 Concen: 19.251 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Instrument :
 MSVOA_W
 ClientSampleId :

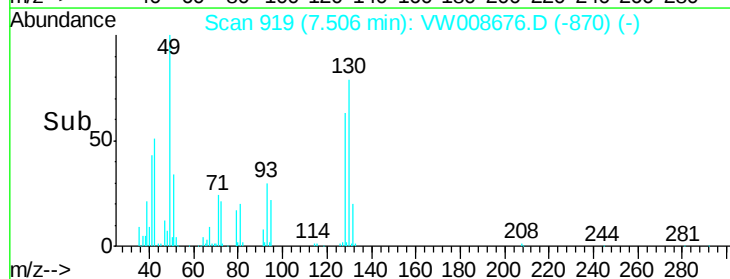
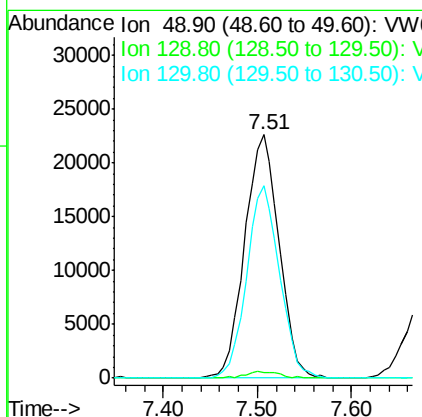
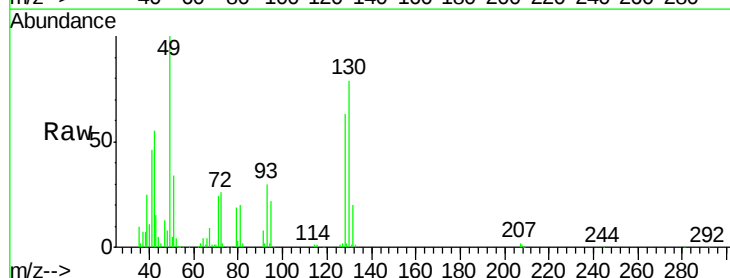
Tot Ion	96	Resp	89904
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	286.4
98	63.7	0.0	125.0

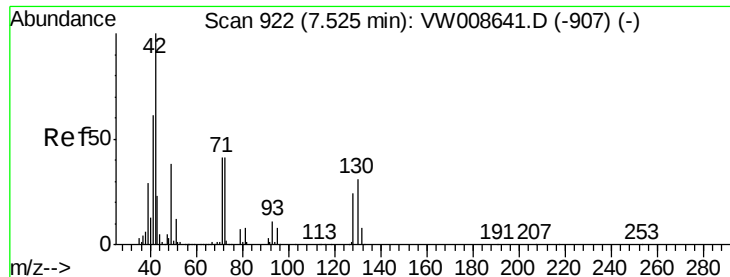


#28

Bromochloromethane
 Concen: 18.025 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Tgt Ion	49	Resp	57902
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	3.2
130	75.5	59.4	89.0





#29

Tetrahydrofuran

Concen: 75.202 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :
MSVOA_W
ClientSampleId :

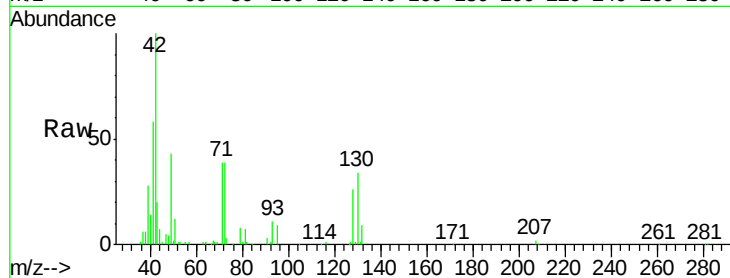
Tot Ion: 42 Resp: 66888

Ion Ratio Lower Upper

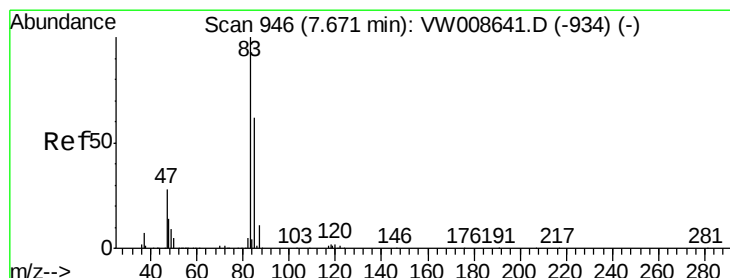
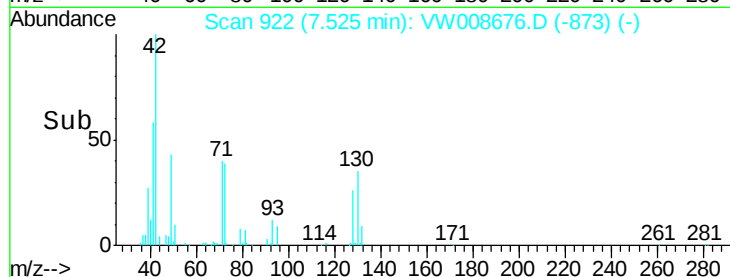
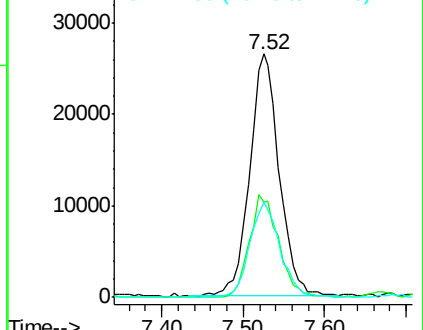
42 100

72 42.2 32.2 48.2

71 40.3 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: 19.313 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW008676.D

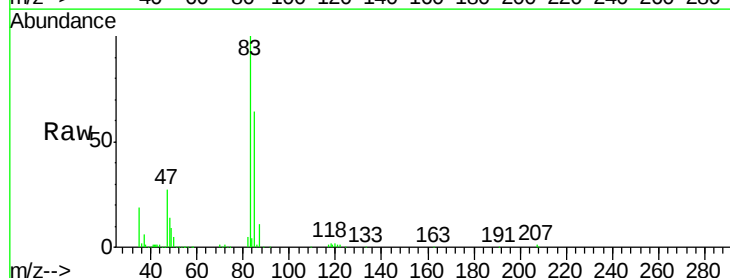
Acq: 15 Feb 2019 11:30

Tgt Ion: 83 Resp: 147257

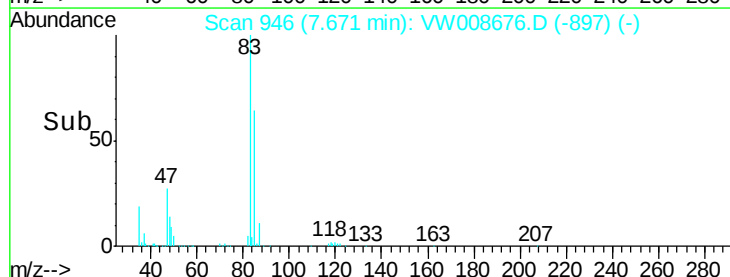
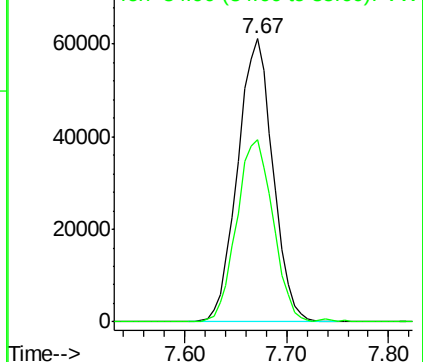
Ion Ratio Lower Upper

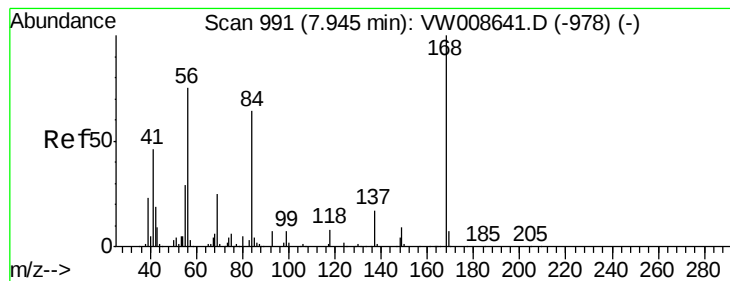
83 100

85 64.4 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: 19.403 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

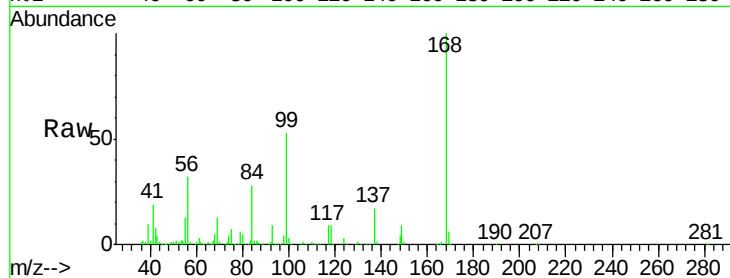
Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 149029

Ion	Ratio	Lower	Upper
56	100		
69	40.6	26.4	39.6#
84	86.4	67.4	101.2

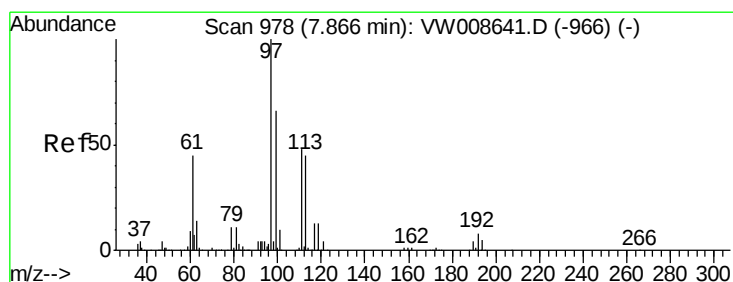
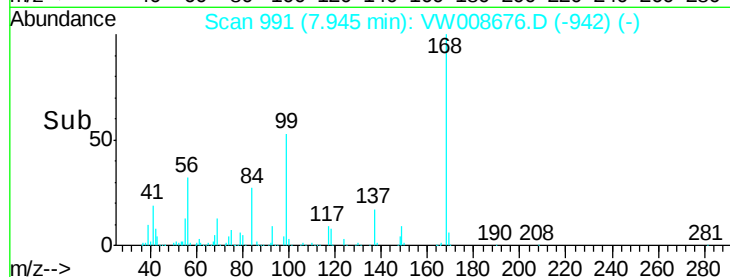
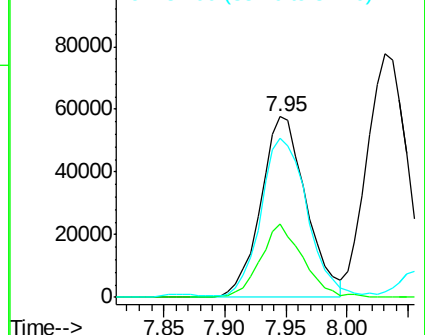


Abundance

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: 20.253 ug/l

RT: 7.87 min Scan# 978

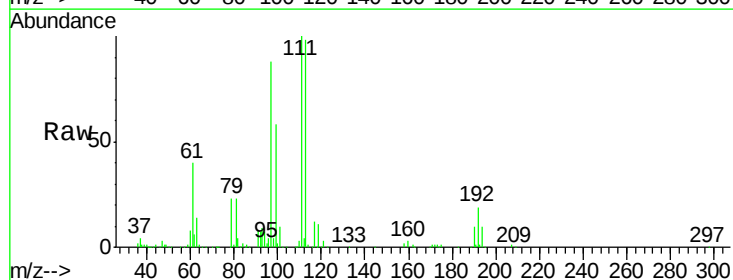
Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Tgt Ion: 97 Resp: 130424

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.6	77.4
61	45.8	35.8	53.6

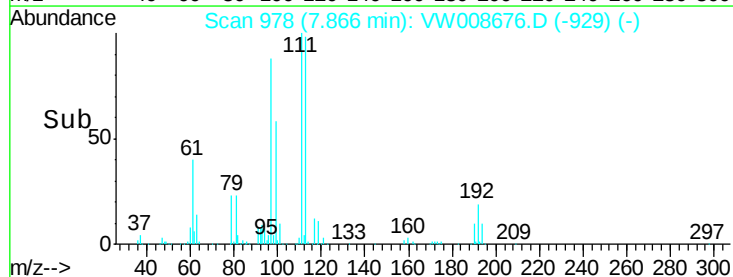
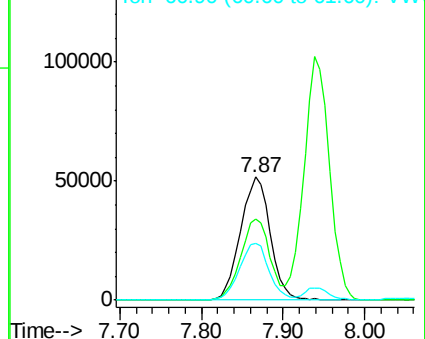


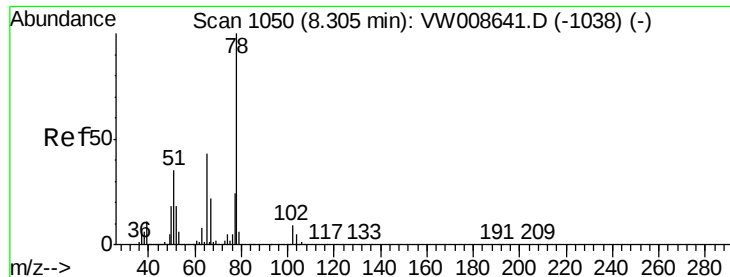
Abundance

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: 46.838 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

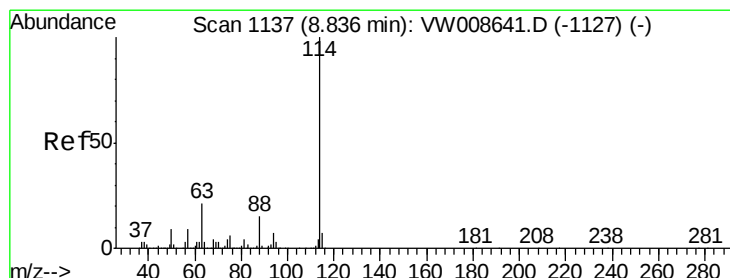
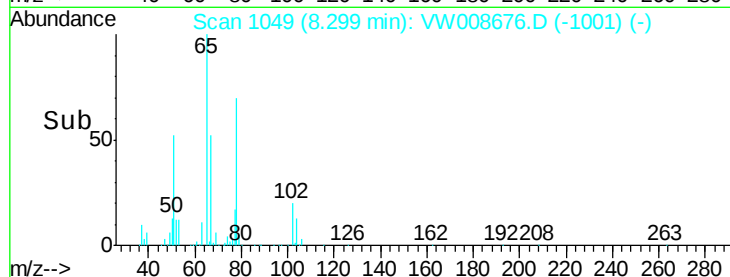
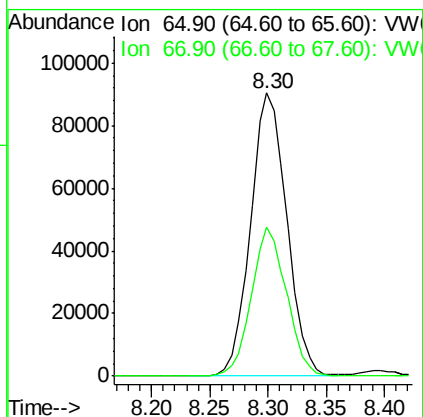
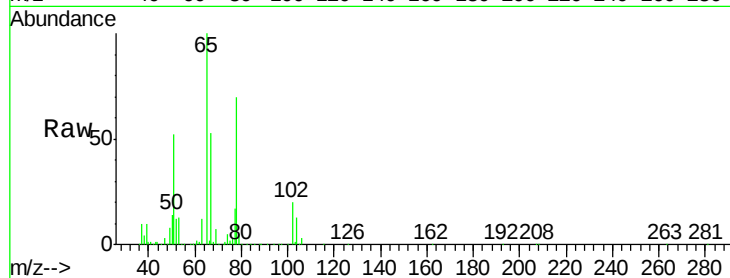
ClientSampled :

Tot Ion: 65 Resp: 196703

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

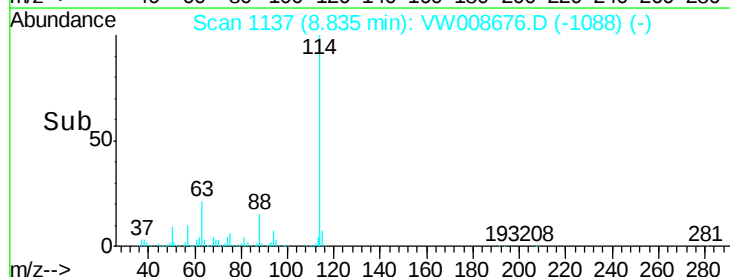
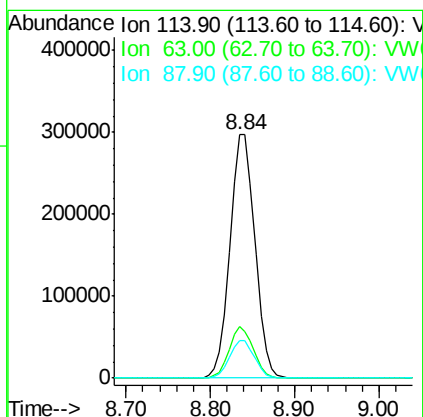
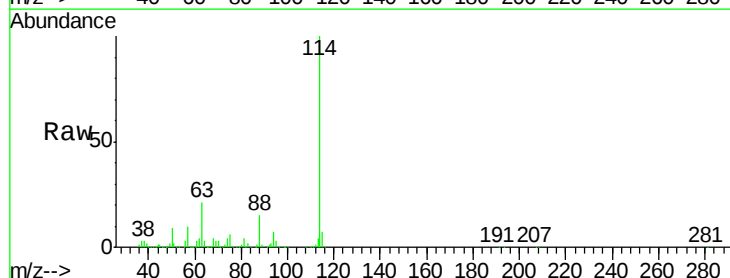
Tgt Ion: 114 Resp: 595322

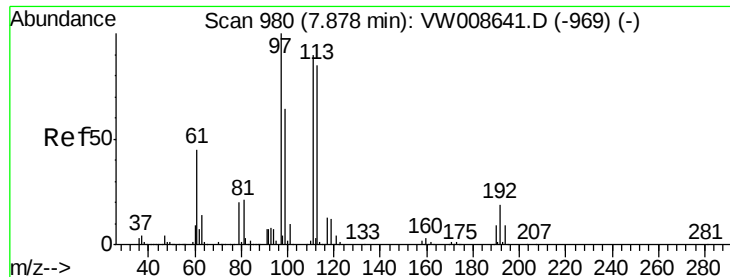
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.2

88 15.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.102 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :
MSVOA_W
ClientSampleId :

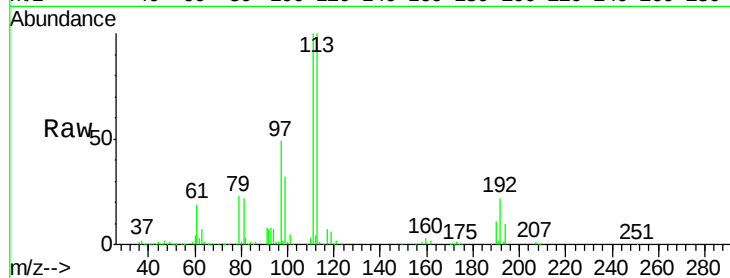
Tot Ion:113 Resp: 188903

Ion Ratio Lower Upper

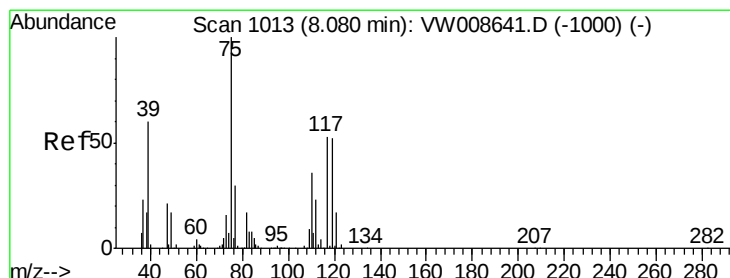
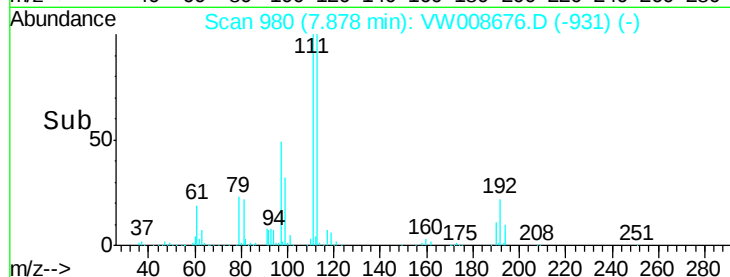
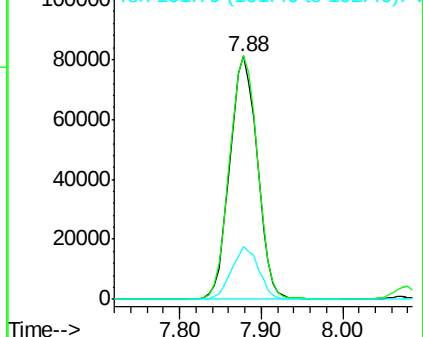
113 100

111 102.0 84.0 126.0

192 21.4 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.528 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

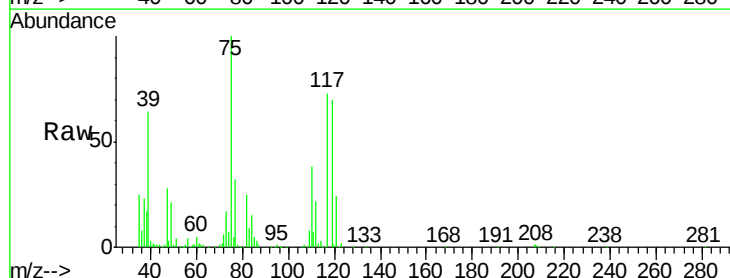
Tgt Ion: 75 Resp: 122782

Ion Ratio Lower Upper

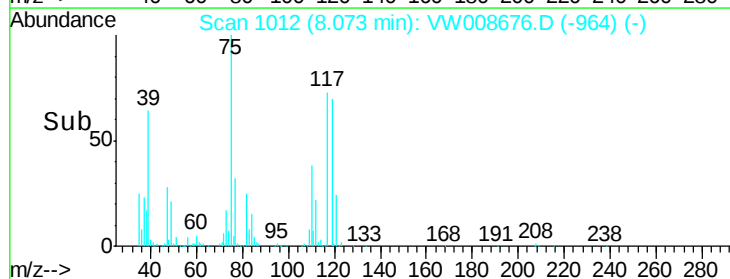
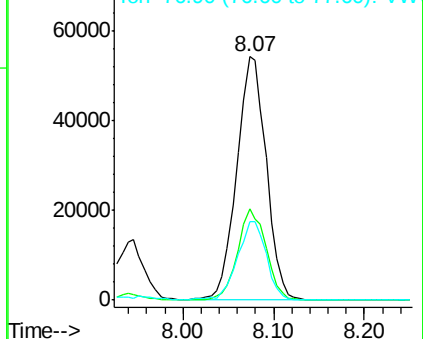
75 100

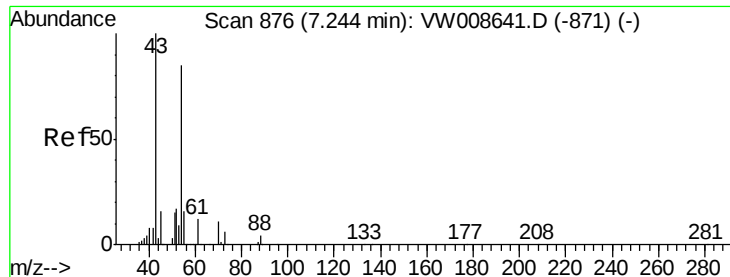
110 36.1 17.8 53.3

77 31.8 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

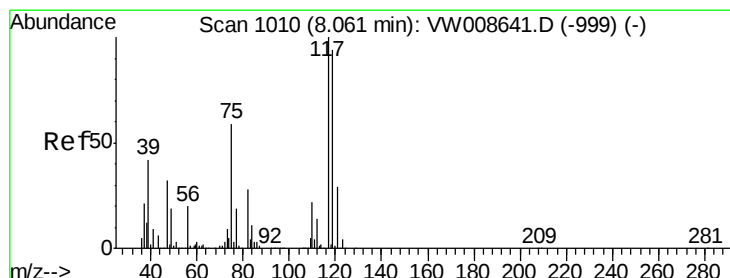
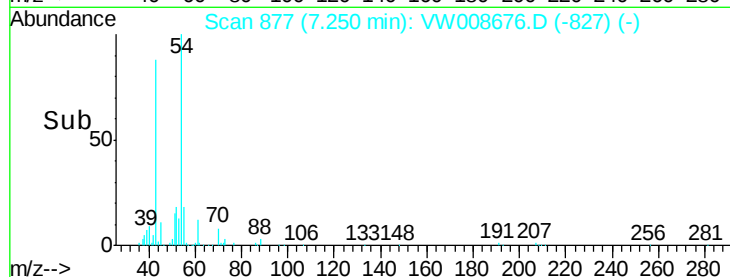
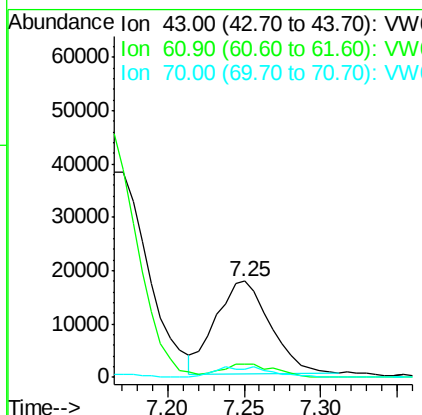
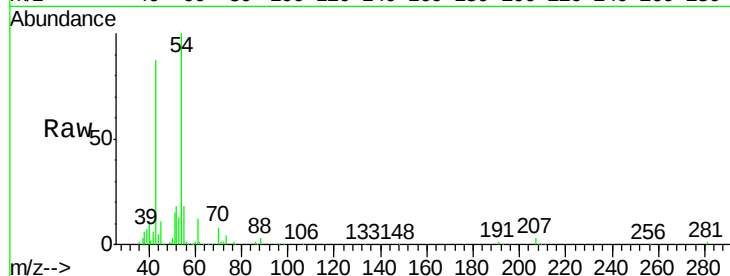




#37
Ethyl Acetate
Concen: 15.031 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

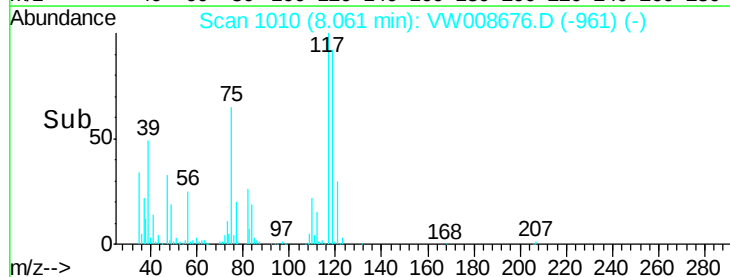
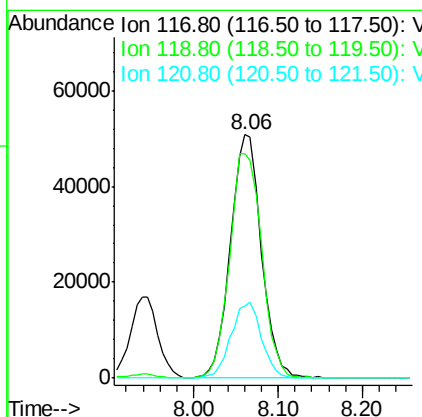
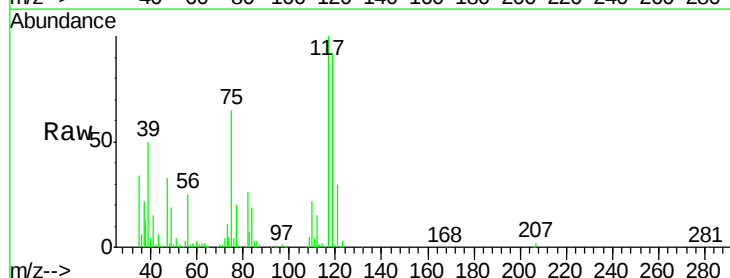
Instrument :
MSVOA_W
ClientSampled :

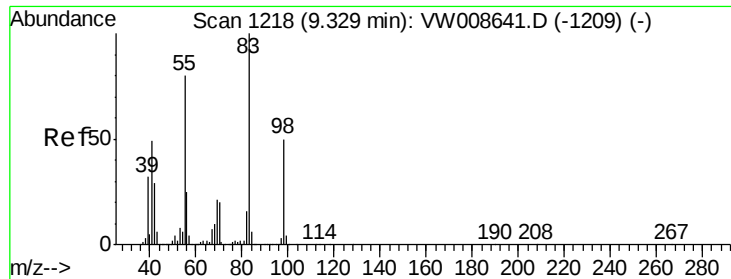
Tot Ion	43	Resp	43367
Ion Ratio	100	Lower	Upper
61	14.3	10.5	15.7
70	11.6	8.1	12.1



#38
Carbon Tetrachloride
Concen: 21.226 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

Tgt Ion	117	Resp	126242
Ion Ratio	100	Lower	Upper
119	92.1	75.1	112.7
121	29.7	23.5	35.3

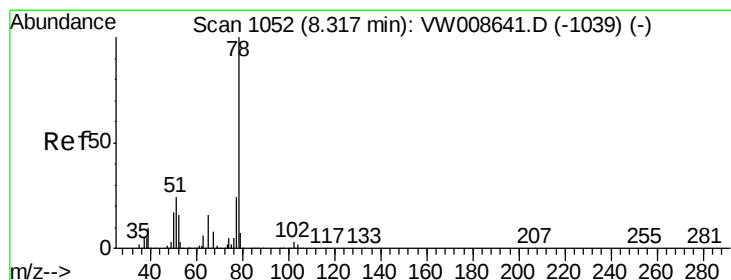
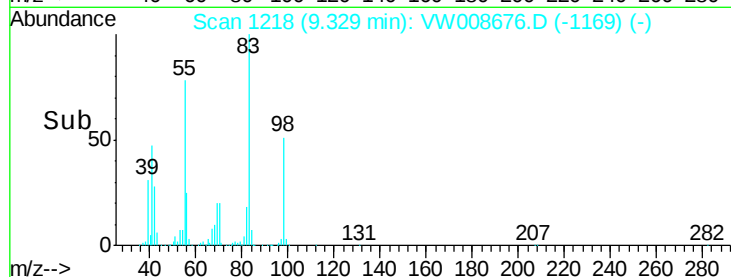
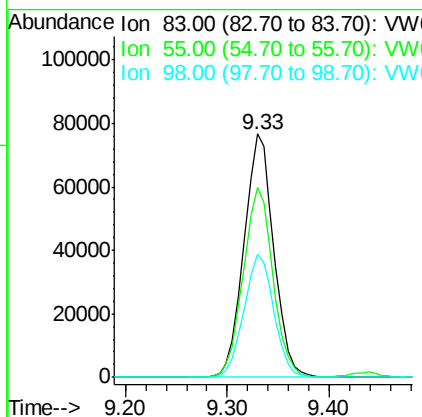
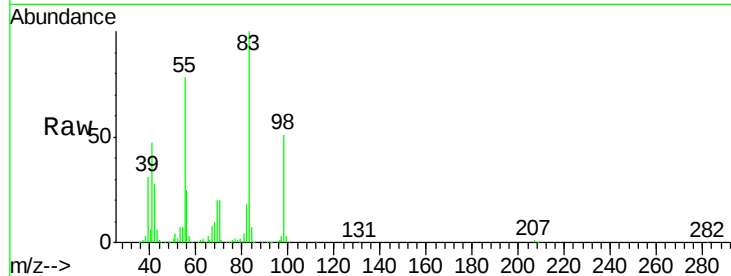




#39
Methvlcvclohexane
Concen: 20.570 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

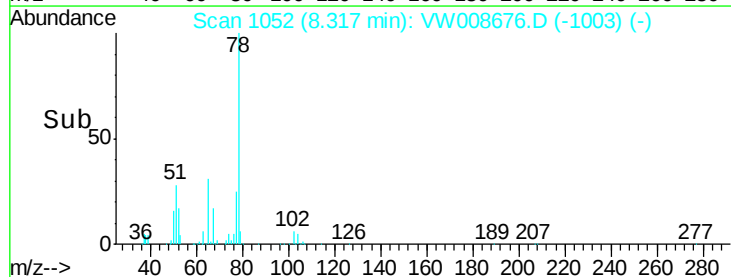
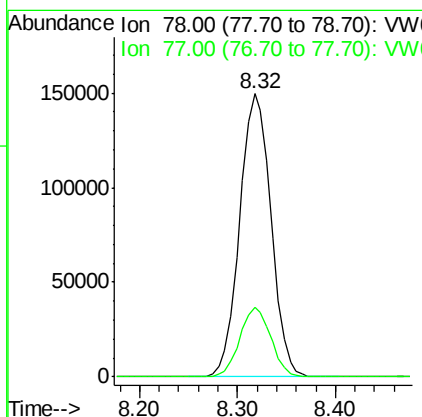
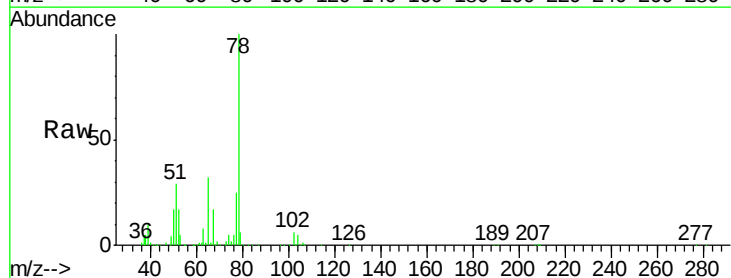
Instrument :
MSVOA_W
ClientSampleId :

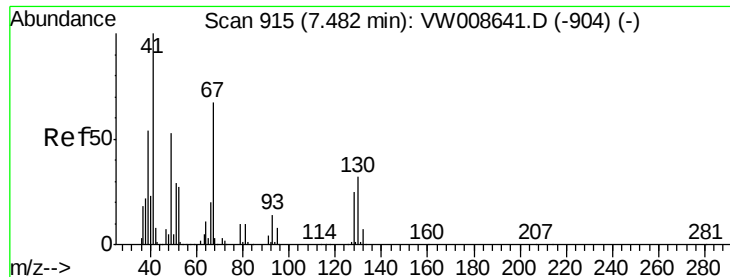
Tot Ion	83	Resp	155615
Ion Ratio	Lower	Upper	
83	100		
55	78.2	63.9	95.9
98	50.7	40.2	60.2



#40
Benzene
Concen: 20.333 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

Tgt Ion	78	Resp	332133
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.5	29.3





#41

Methacrylonitrile

Concen: 17.814 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW008676.D

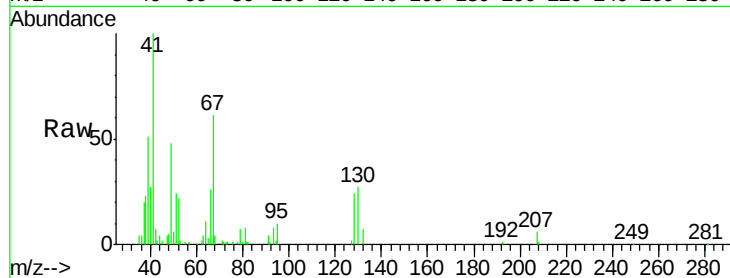
Acq: 15 Feb 2019 11:30

Instrument :

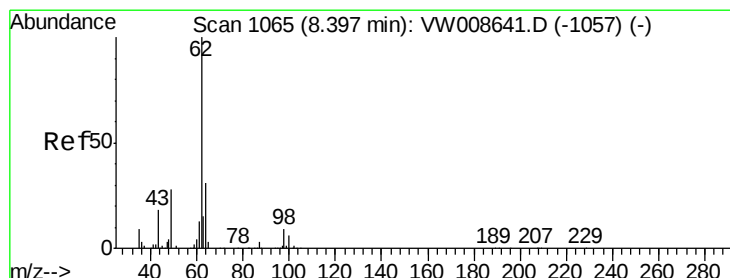
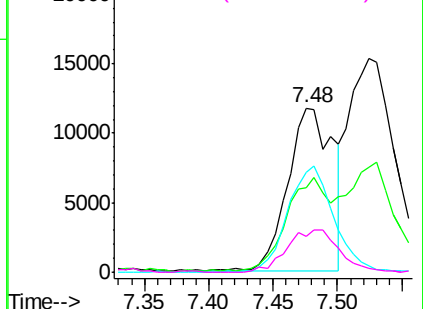
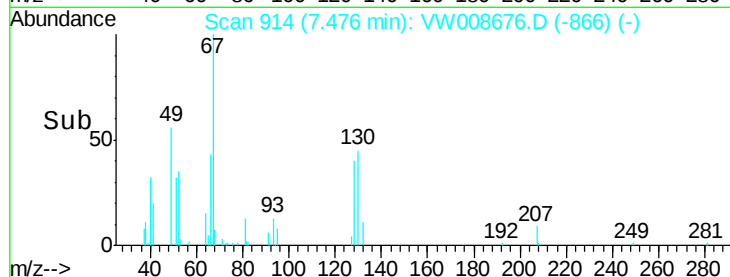
MSVOA_W

ClientSampled :

Tot Ion:	41	Resp:	28917
Ion	Ratio	Lower	Upper
41	100		
39	52.0	39.7	59.5
67	65.5	52.5	78.7
52	29.8	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: 18.791 ug/l

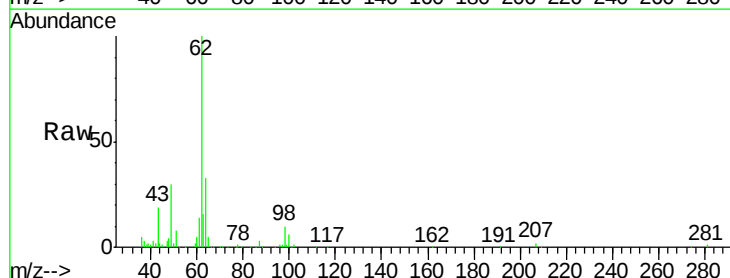
RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

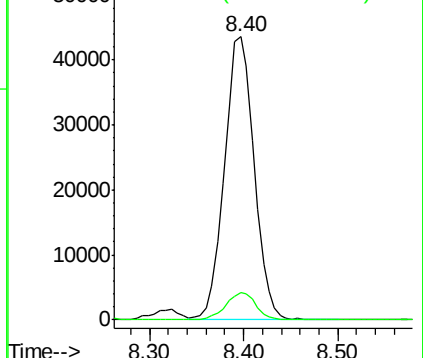
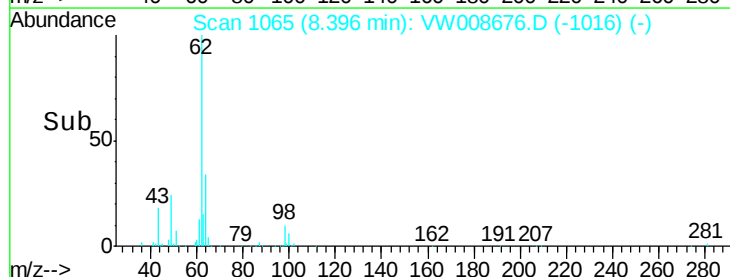
Lab File: VW008676.D

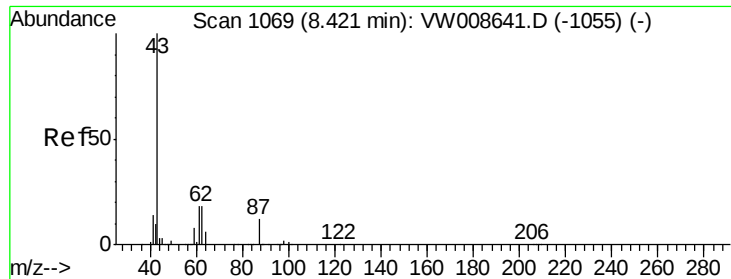
Acq: 15 Feb 2019 11:30

Tgt Ion:	62	Resp:	95208
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.2



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



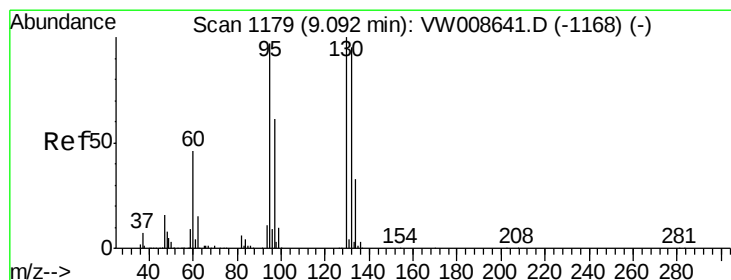
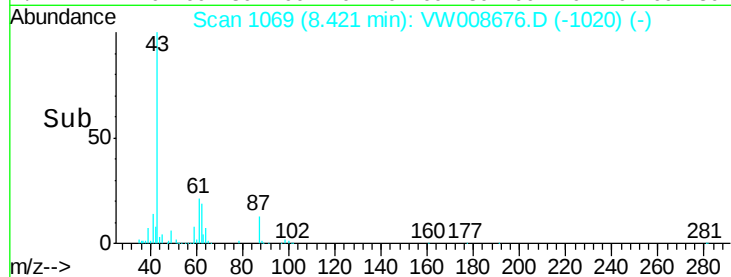
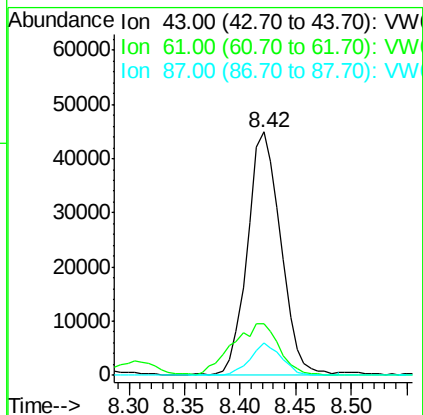
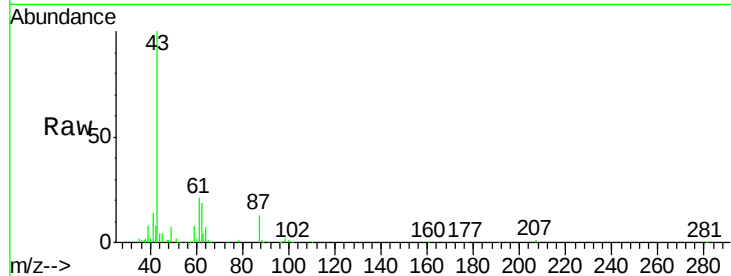


#43

Isopropyl Acetate
 Concen: 16.215 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Instrument :
 MSVOA_W
 ClientSampleId :

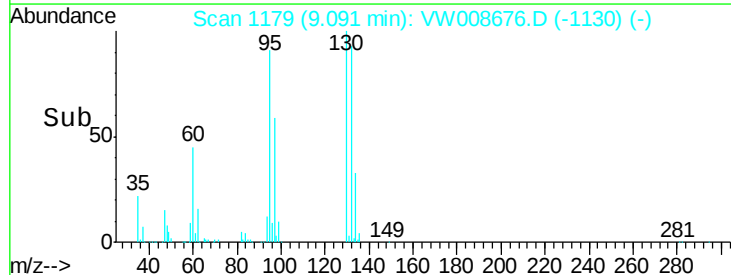
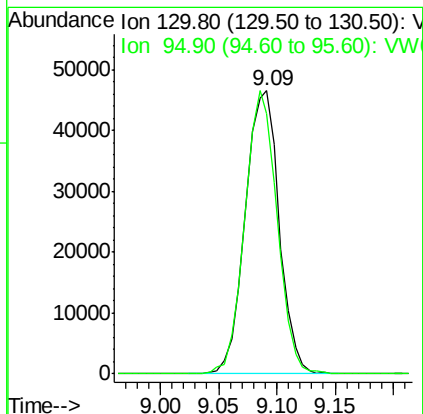
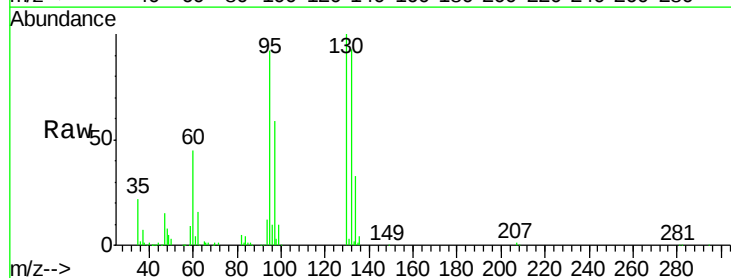
Tot Ion	43	Resp	93283
Ion Ratio	Lower	Upper	
43	100		
61	30.0	21.4	32.2
87	12.3	9.8	14.8

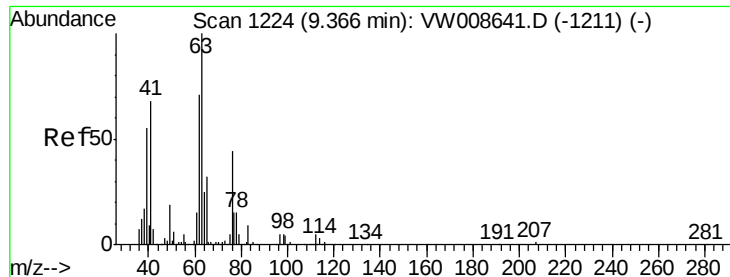


#44

Trichloroethene
 Concen: 20.816 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Tgt Ion	130	Resp	94277
Ion Ratio	Lower	Upper	
130	100		
95	91.9	0.0	193.4





#45

1,2-Dichloropropane

Concen: 19.548 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

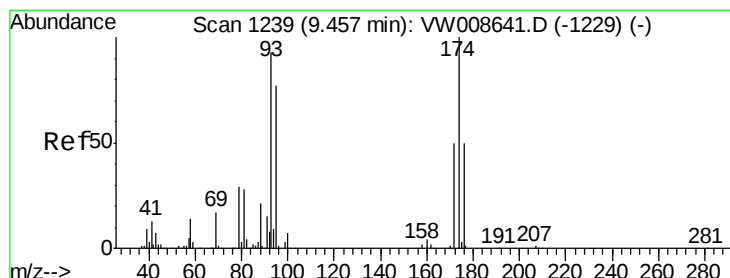
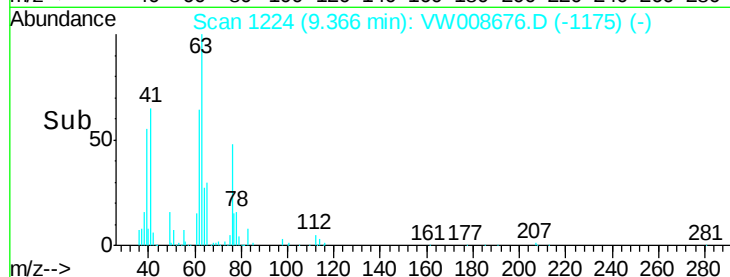
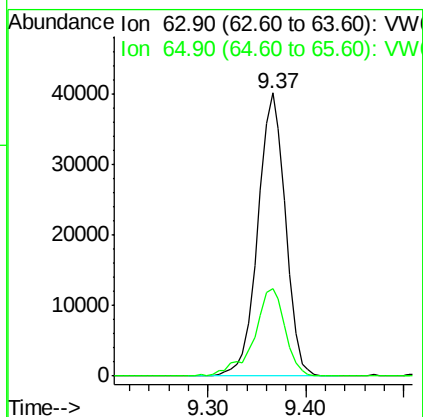
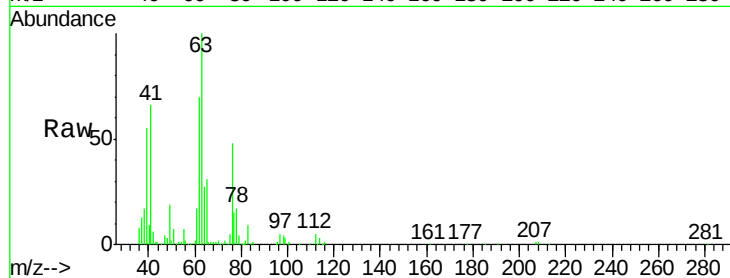
ClientSampleId :

Tot Ion: 63 Resp: 79026

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.0



#46

Dibromomethane

Concen: 18.780 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

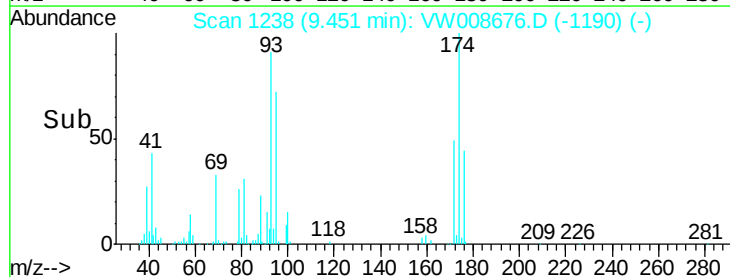
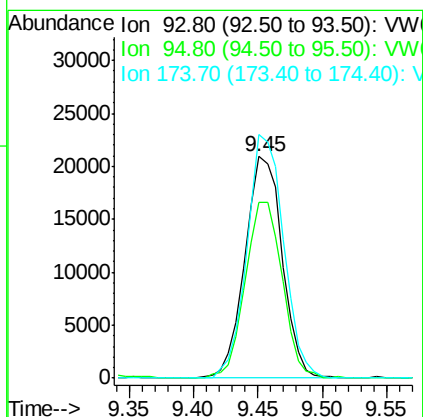
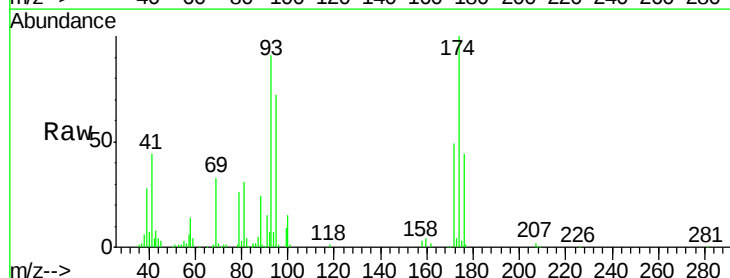
Tgt Ion: 93 Resp: 41821

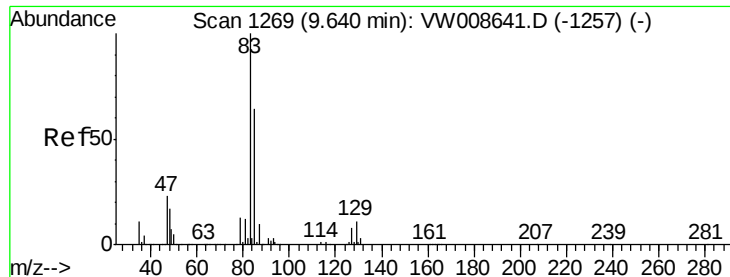
Ion Ratio Lower Upper

93 100

95 79.0 65.8 98.8

174 108.1 82.5 123.7





#47

Bromodichloromethane

Concen: 19.597 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :
MSVOA_W
ClientSampleId :

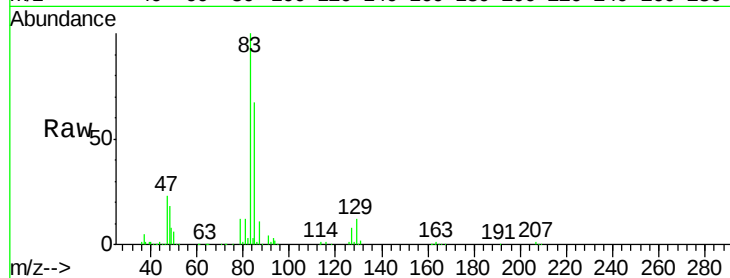
Tot Ion: 83 Resp: 104883

Ion Ratio Lower Upper

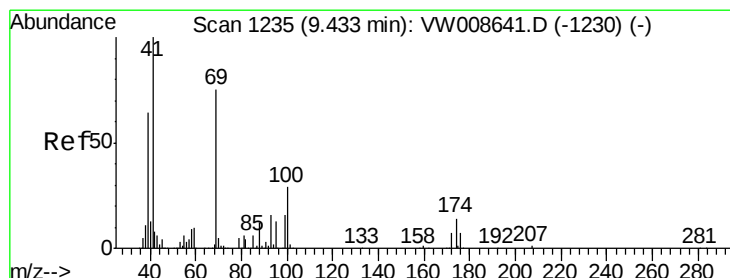
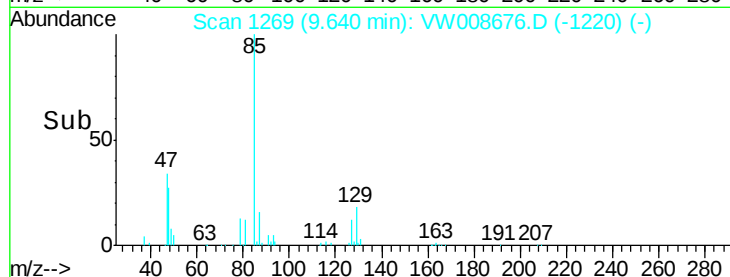
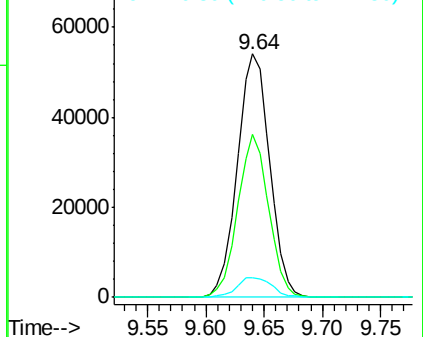
83 100

85 66.8 51.2 76.8

127 7.8 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



#48

Methyl methacrylate

Concen: 16.082 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

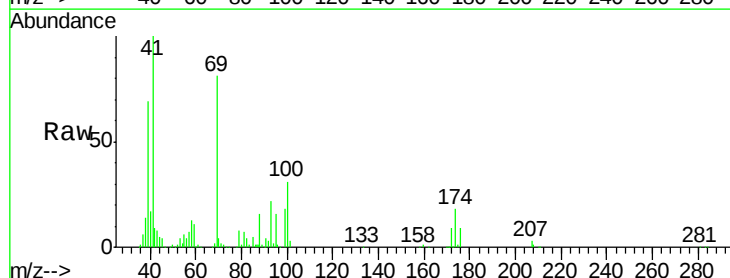
Tgt Ion: 41 Resp: 42878

Ion Ratio Lower Upper

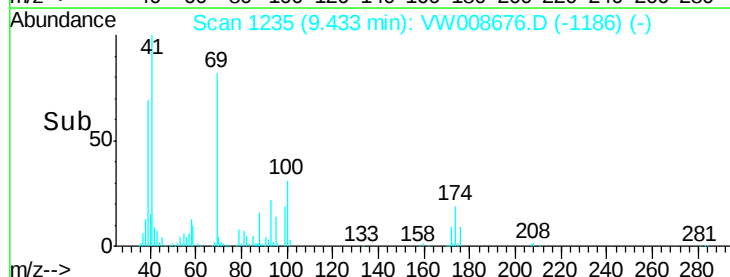
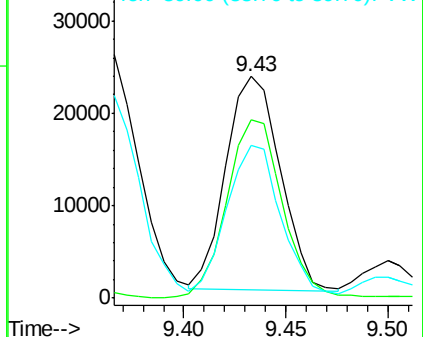
41 100

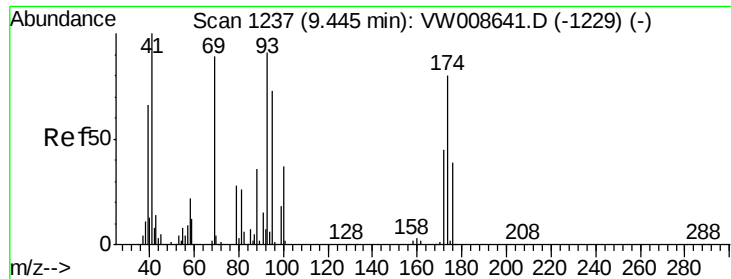
69 84.7 64.1 96.1

39 68.0 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

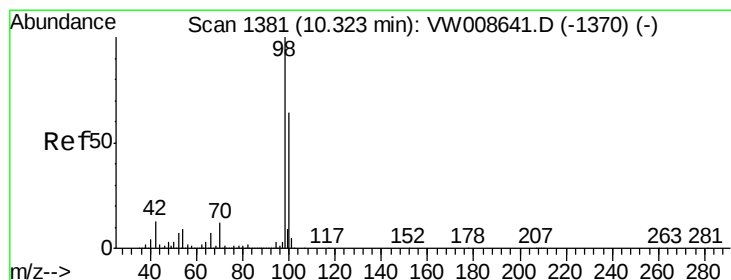
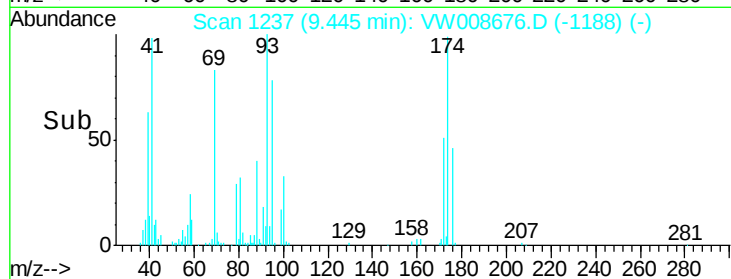
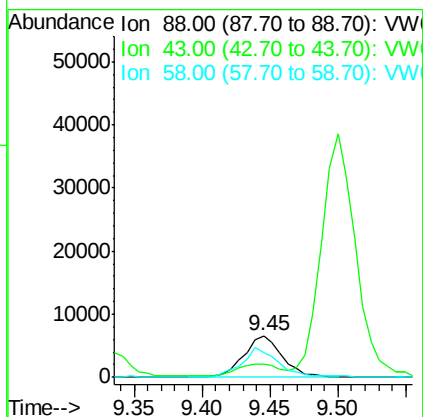
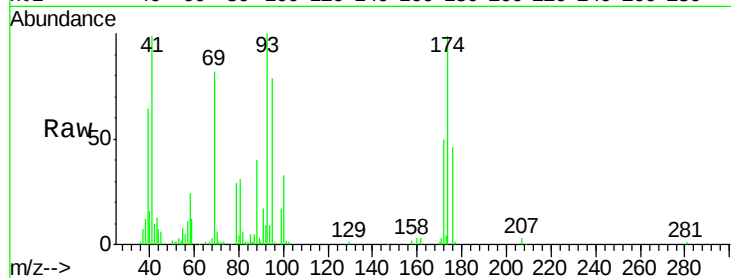




#49
1,4-Dioxane
Concen: 361.384 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

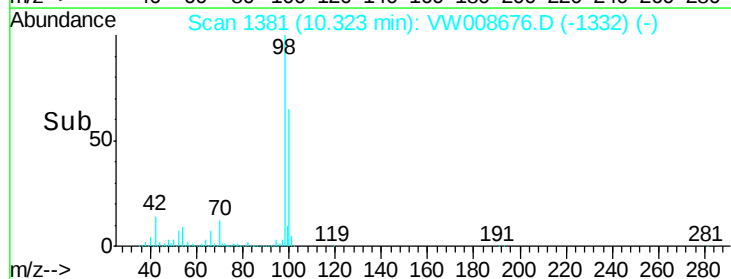
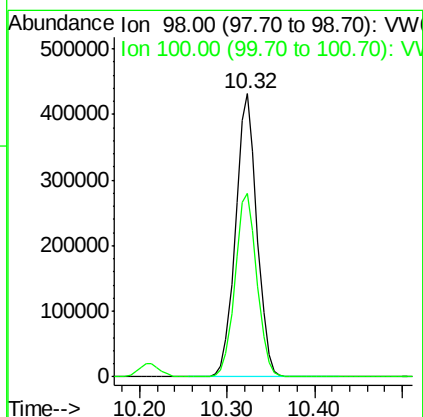
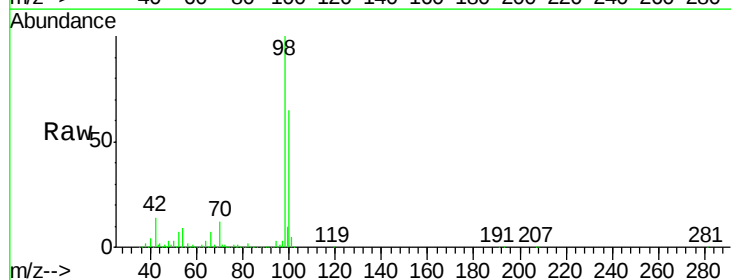
Instrument :
MSVOA_W
ClientSampled :

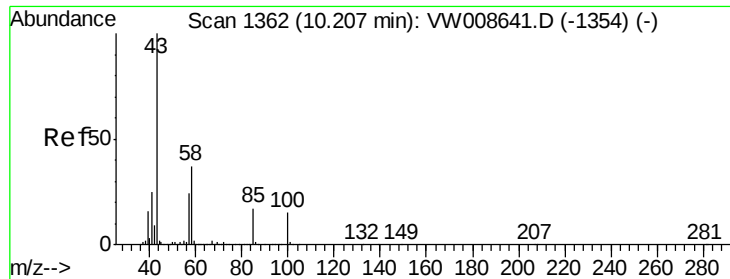
Tot Ion: 88 Resp: 12846
Ion Ratio Lower Upper
88 100
43 32.4 31.0 46.6
58 72.5 57.0 85.6



#50
Toluene-d8
Concen: 51.432 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

Tgt Ion: 98 Resp: 732896
Ion Ratio Lower Upper
98 100
100 66.4 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 78.458 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

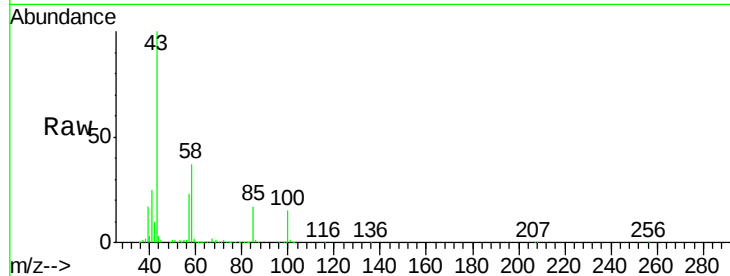
ClientSampled :

Tot Ion: 43 Resp: 231865

Ion Ratio Lower Upper

43 100

58 37.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

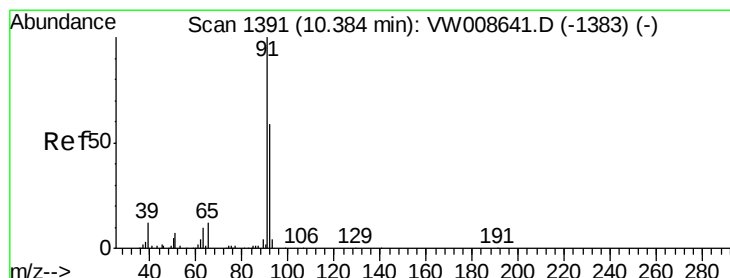
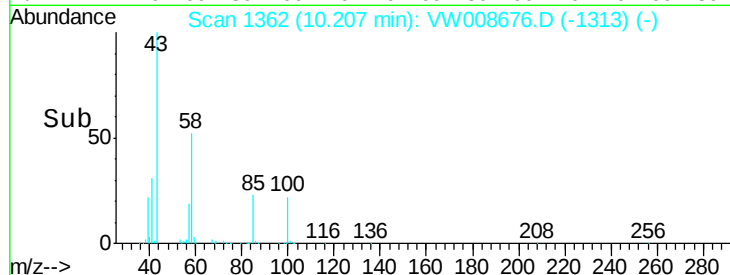
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.218 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW008676.D

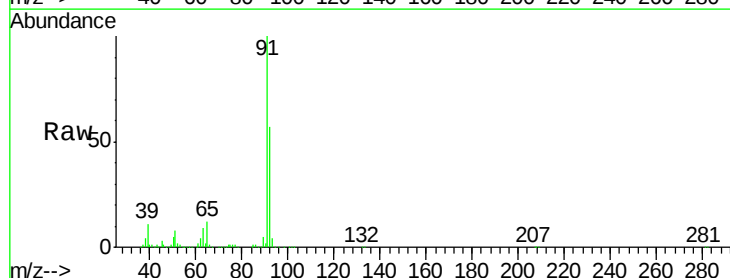
Acq: 15 Feb 2019 11:30

Tgt Ion: 92 Resp: 213059

Ion Ratio Lower Upper

92 100

91 170.9 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38

200000

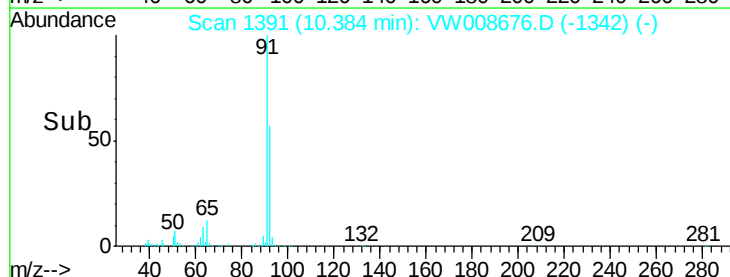
150000

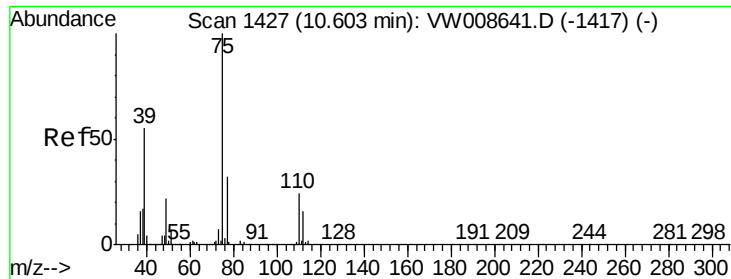
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.326 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

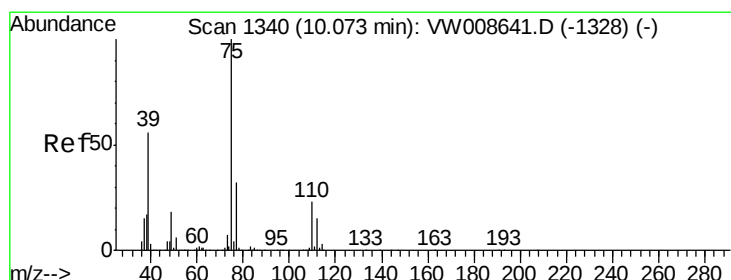
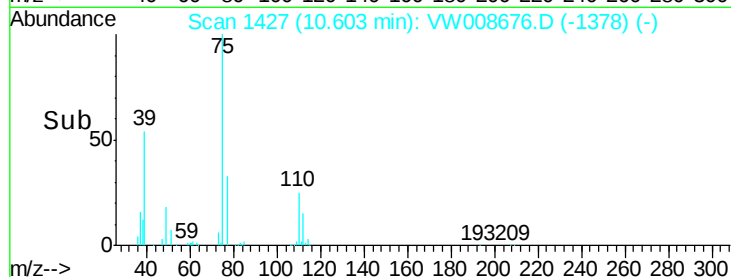
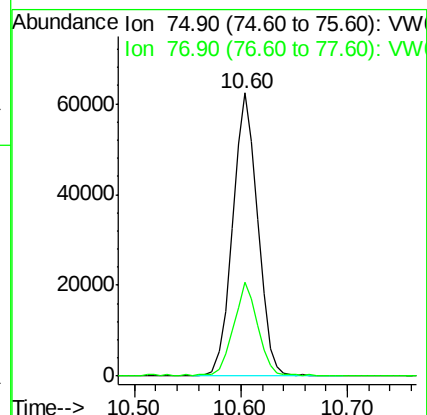
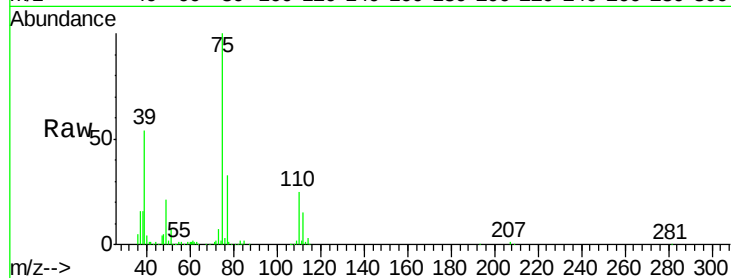
ClientSampleId :

Tot Ion: 75 Resp: 103034

Ion Ratio Lower Upper

75 100

77 33.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.097 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

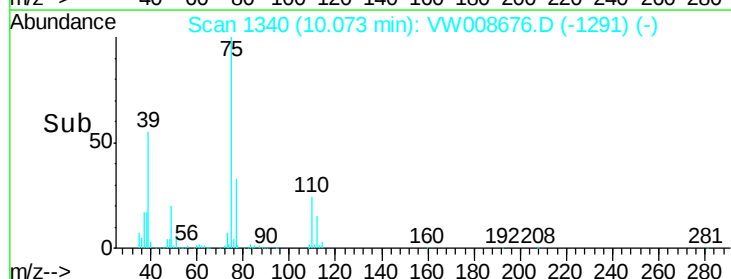
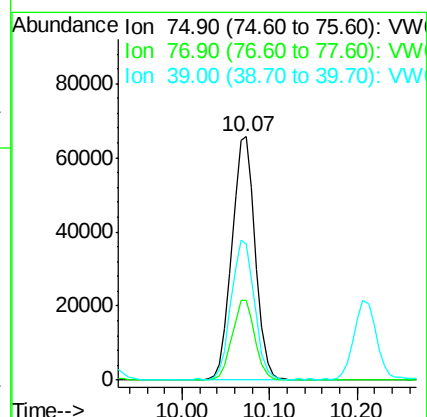
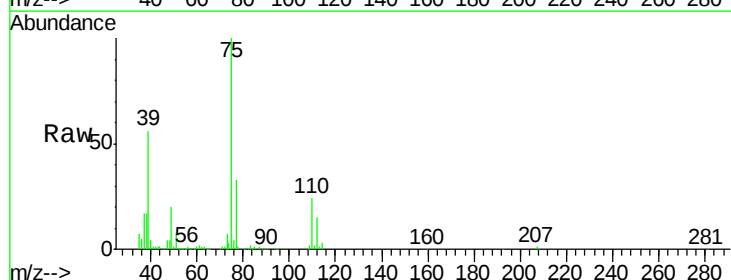
Tgt Ion: 75 Resp: 121718

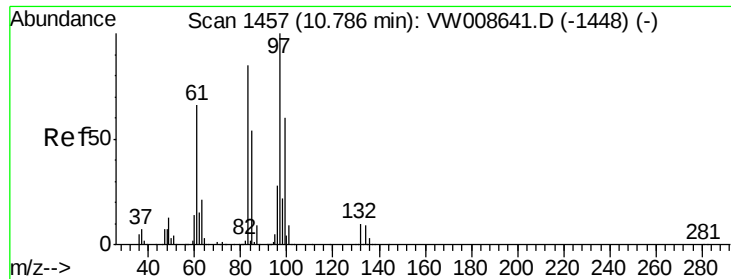
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

39 55.7 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 18.305 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 55932

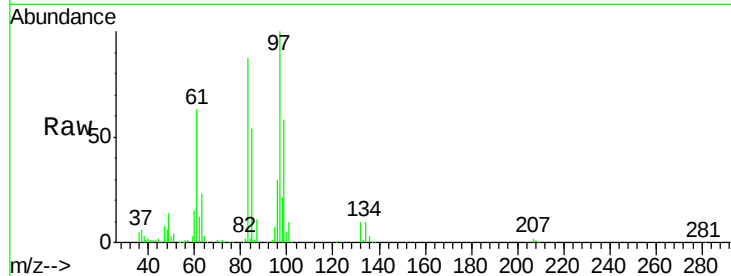
Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.4	102.6
85	53.6	43.1	64.7
99	57.6	47.8	71.8

97 100

83 86.6 68.4 102.6

85 53.6 43.1 64.7

99 57.6 47.8 71.8



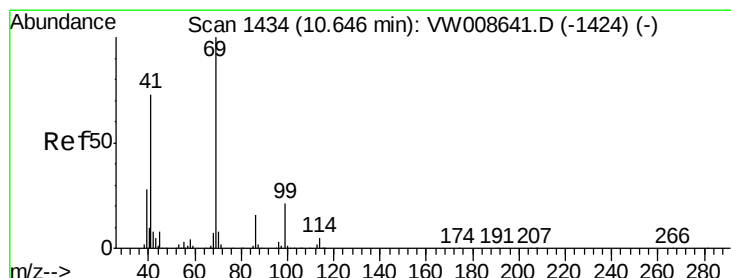
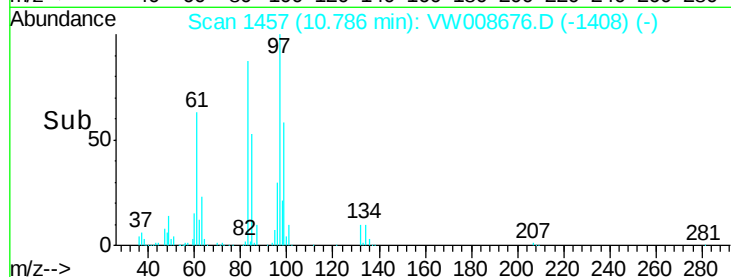
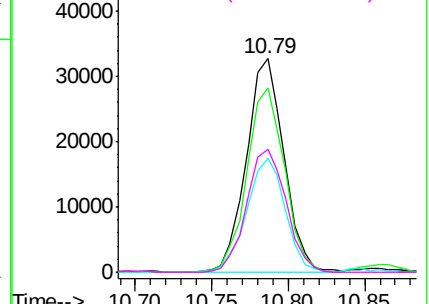
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 16.184 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

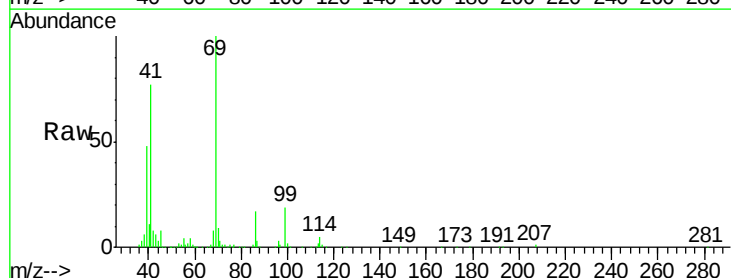
Tgt Ion: 69 Resp: 65664

Ion	Ratio	Lower	Upper
69	100		
41	73.1	59.0	88.4
39	43.4	34.4	51.6

69 100

41 73.1 59.0 88.4

39 43.4 34.4 51.6

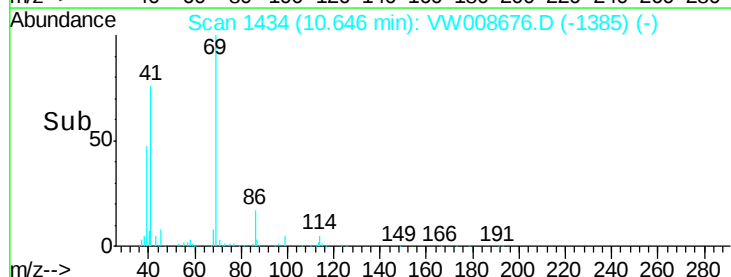
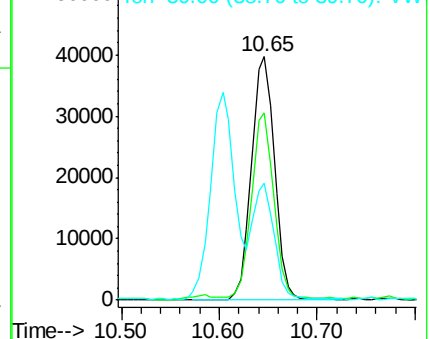


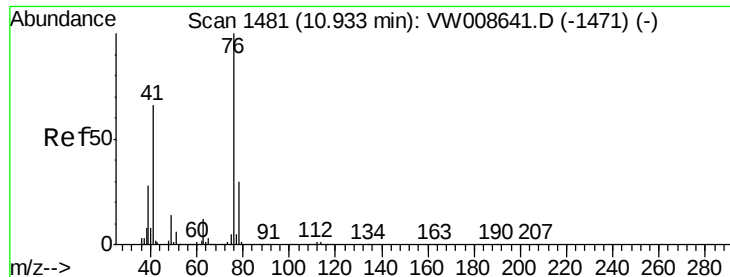
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 18.303 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

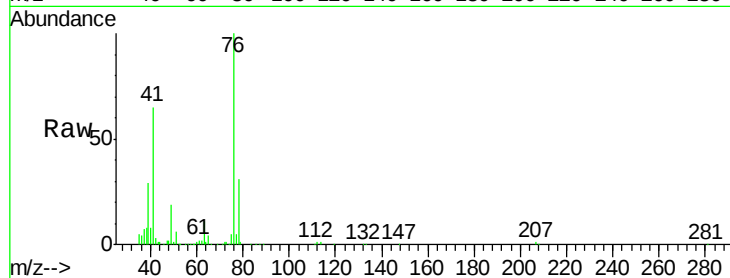
ClientSampleId :

Tot Ion: 76 Resp: 99229

Ion Ratio Lower Upper

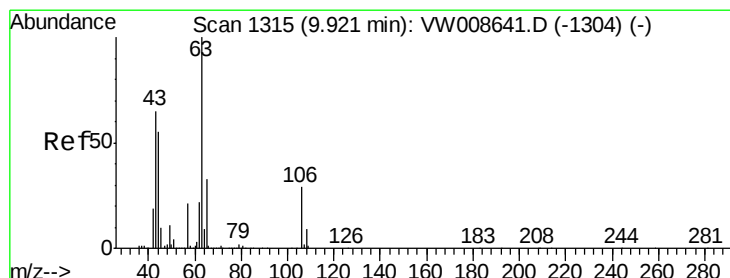
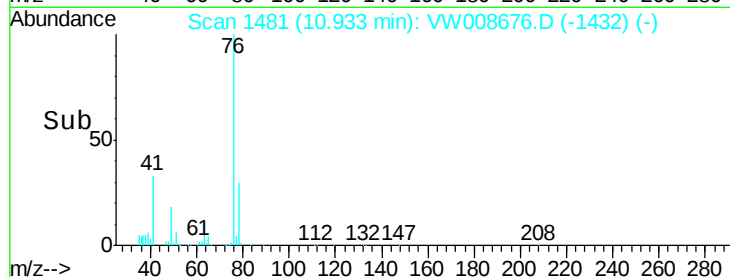
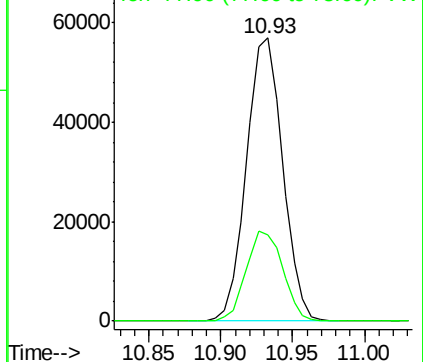
76 100

78 32.5 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 95.406 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW008676.D

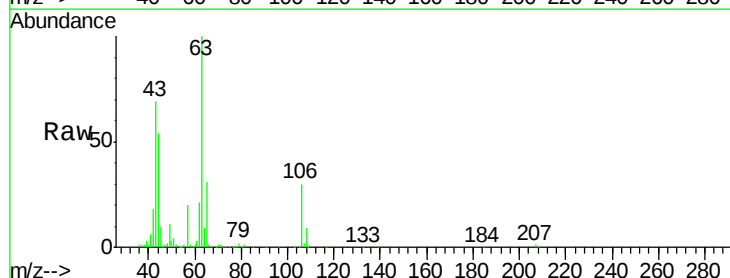
Acq: 15 Feb 2019 11:30

Tgt Ion: 63 Resp: 185695

Ion Ratio Lower Upper

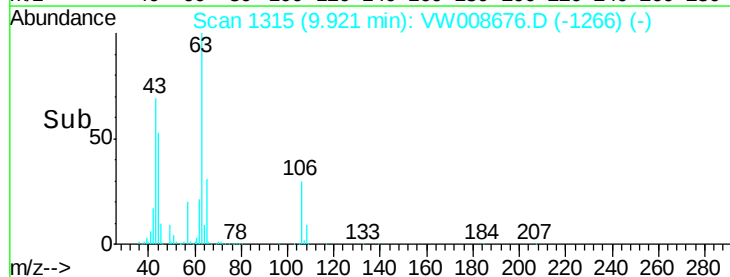
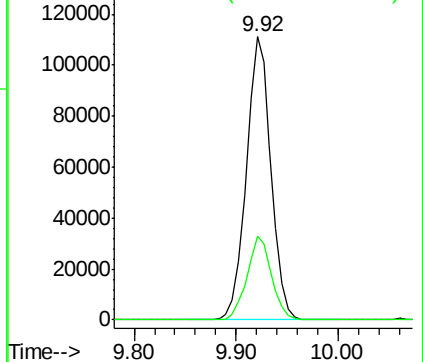
63 100

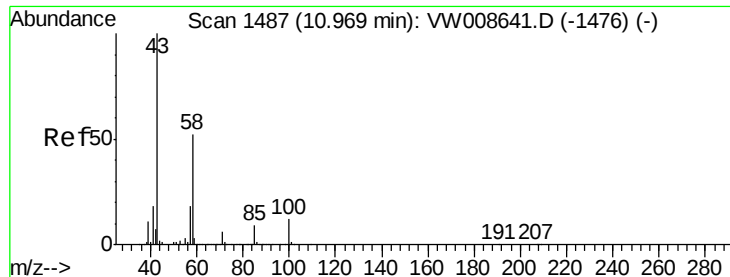
106 29.6 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

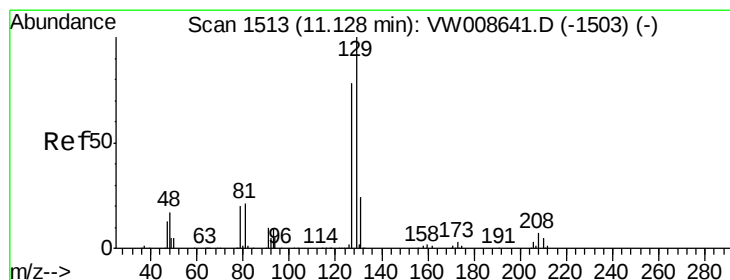
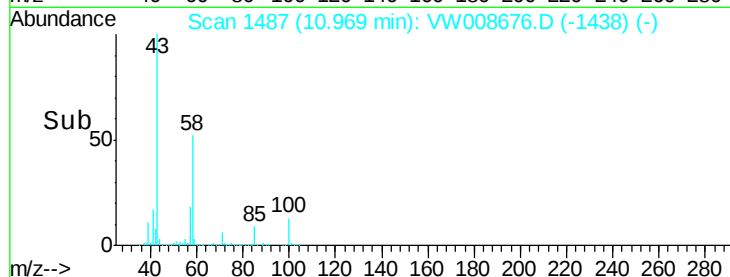
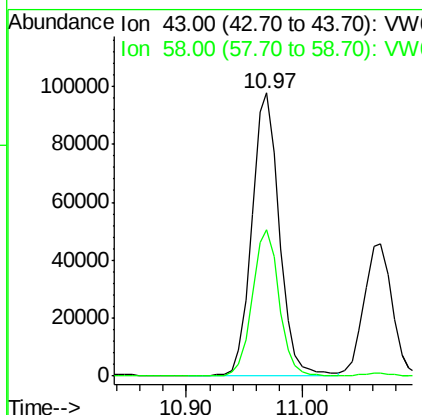
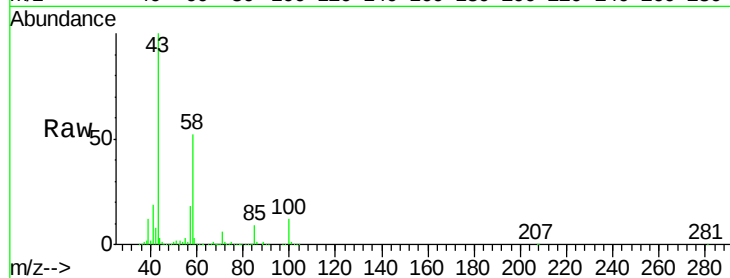




#59
2-Hexanone
Concen: 77.656 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

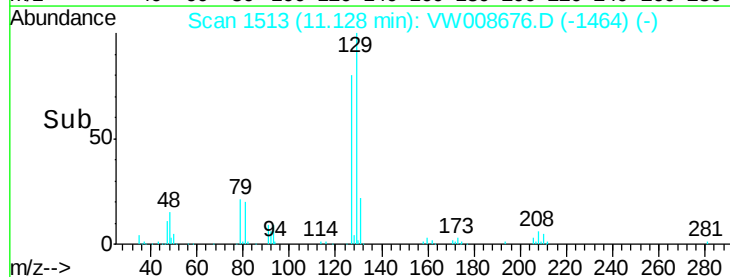
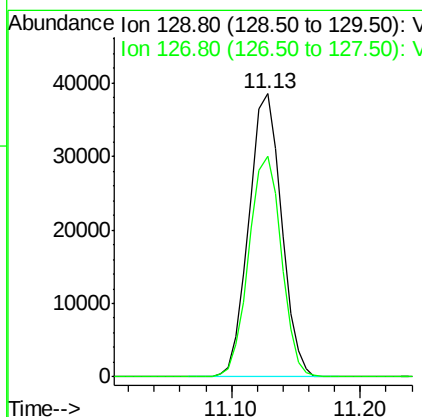
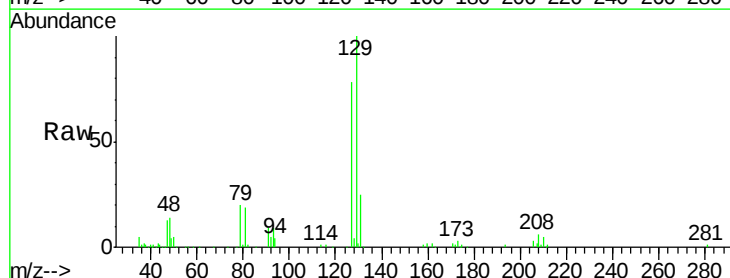
Instrument :
MSVOA_W
ClientSampled :

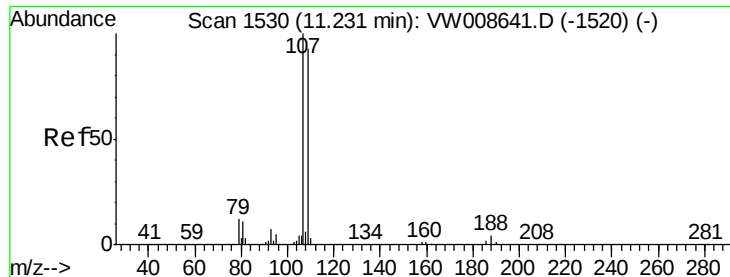
Tot Ion: 43 Resp: 161220
Ion Ratio Lower Upper
43 100
58 50.4 25.6 76.6



#60
Dibromochloromethane
Concen: 18.448 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

Tgt Ion:129 Resp: 67447
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3

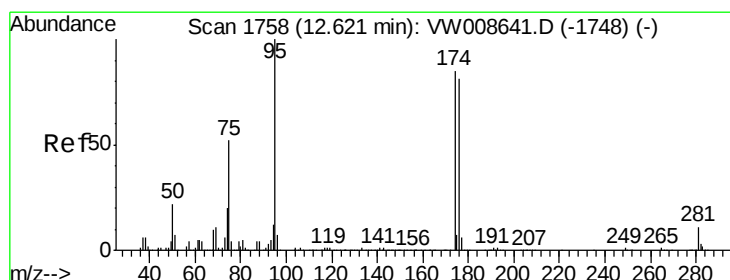
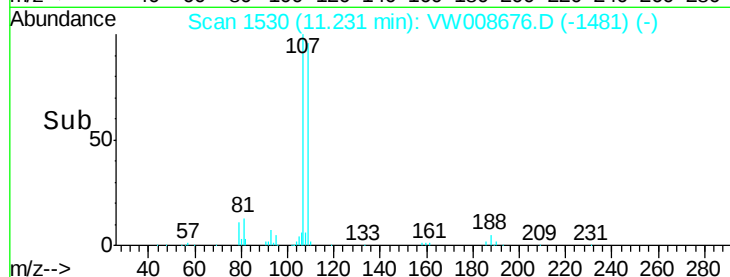
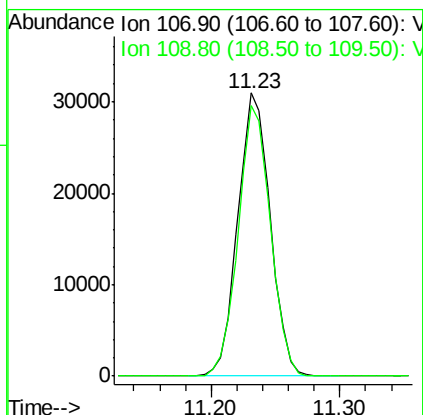
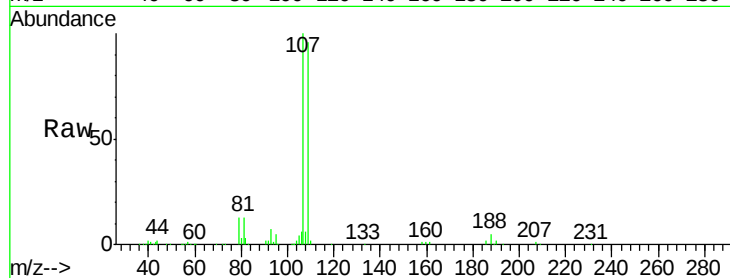




#61
 1,2-Dibromoethane
 Concen: 17.906 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

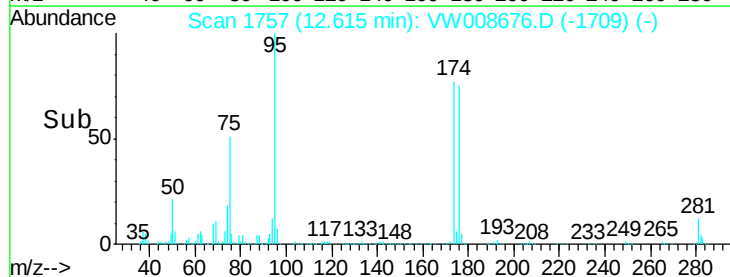
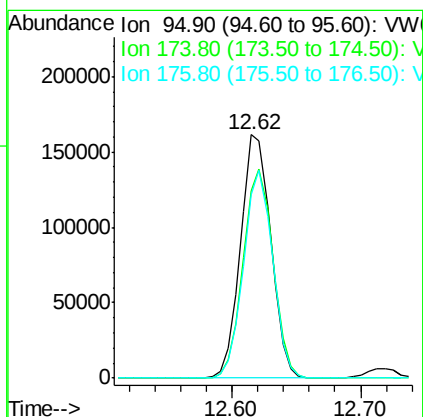
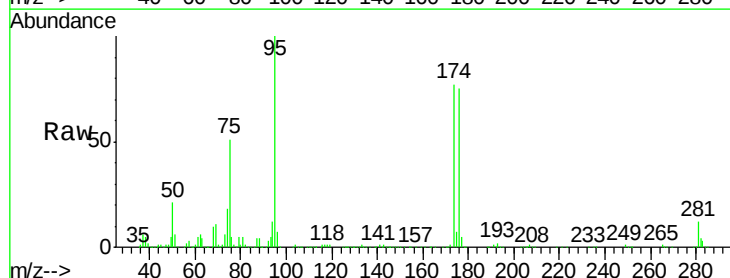
Instrument :
 MSVOA_W
 ClientSampleId :

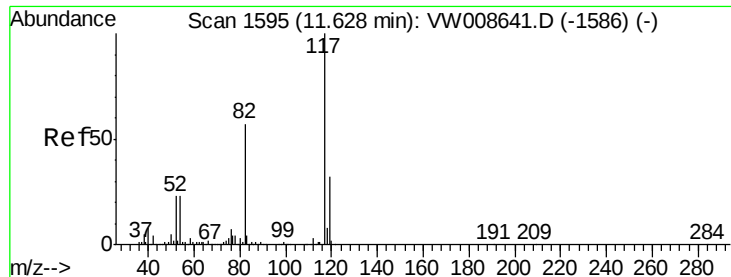
Tot Ion: 107 Resp: 53870
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.858 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Tgt Ion: 95 Resp: 262240
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 163.2
 176 81.9 0.0 158.0

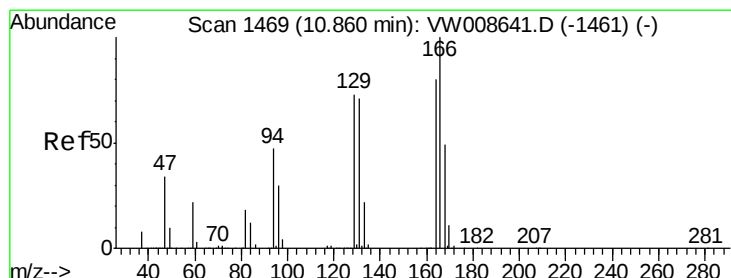
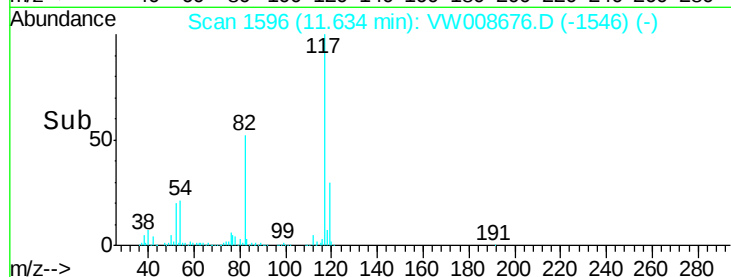
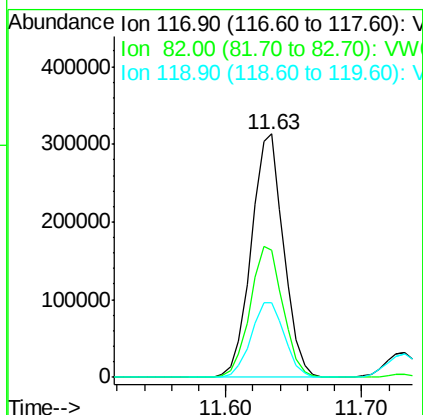
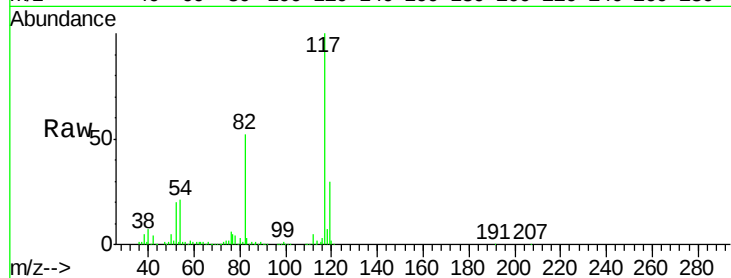




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

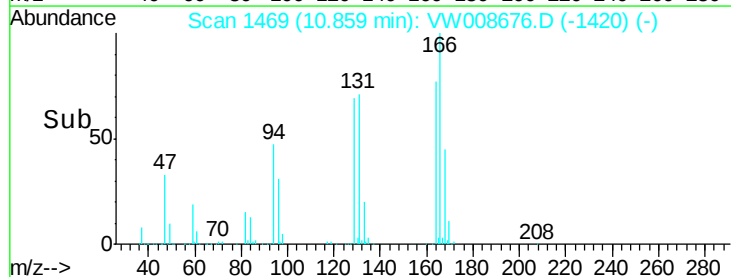
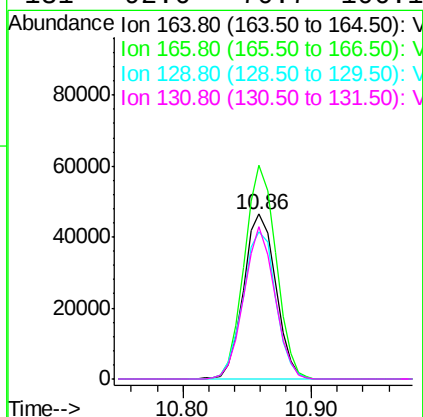
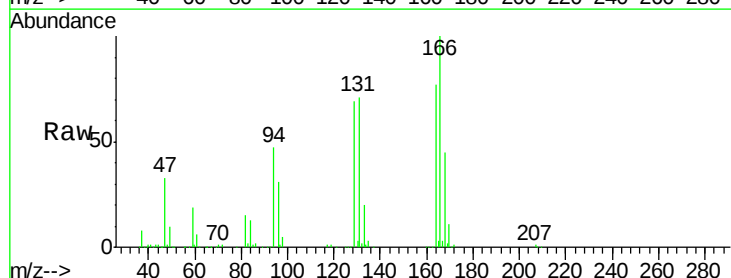
Instrument :
MSVOA_W
ClientSampled :

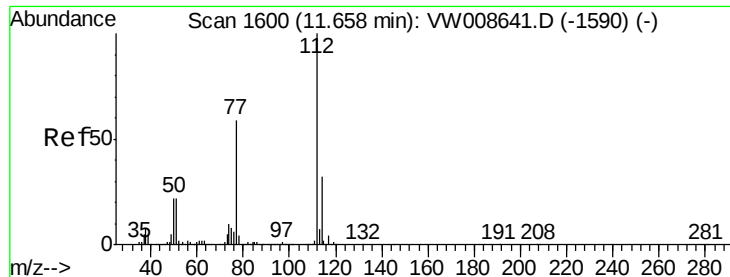
Tot Ion:117 Resp: 521010
Ion Ratio Lower Upper
117 100
82 52.1 45.6 68.4
119 30.4 25.7 38.5



#64
Tetrachloroethene
Concen: 20.668 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

Tgt Ion:164 Resp: 80076
Ion Ratio Lower Upper
164 100
166 129.7 100.2 150.2
129 89.4 73.6 110.4
131 92.6 70.7 106.1





#65

Chlorobenzene

Concen: 20.441 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

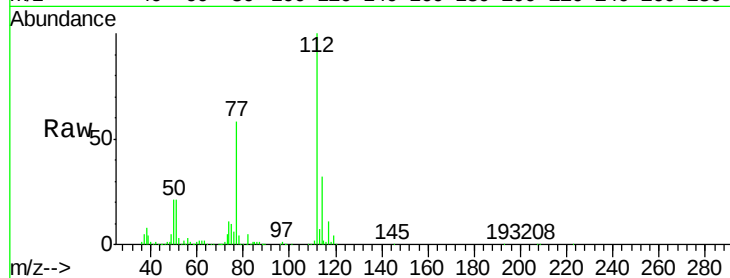
ClientSampleId :

Tot Ion:112 Resp: 229546

Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

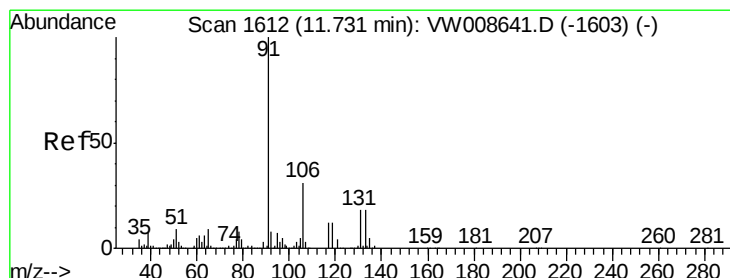
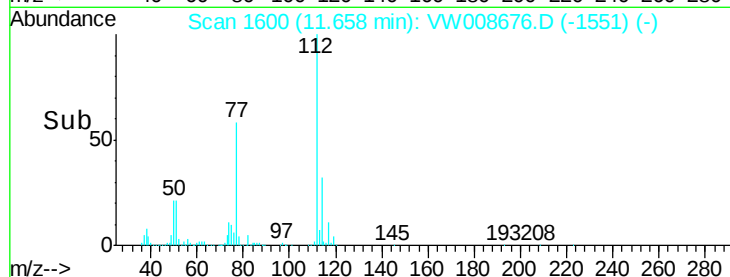
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.737 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

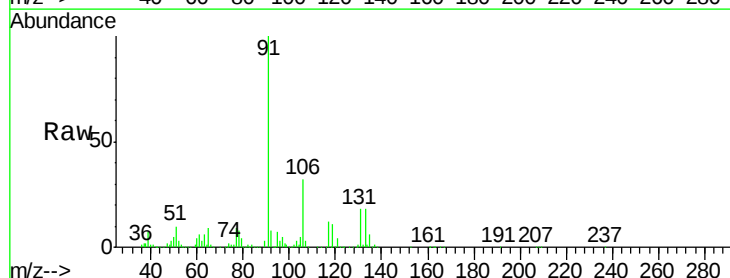
Tgt Ion:131 Resp: 78515

Ion Ratio Lower Upper

131 100

133 97.2 47.8 143.4

119 64.7 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

120000

100000

80000

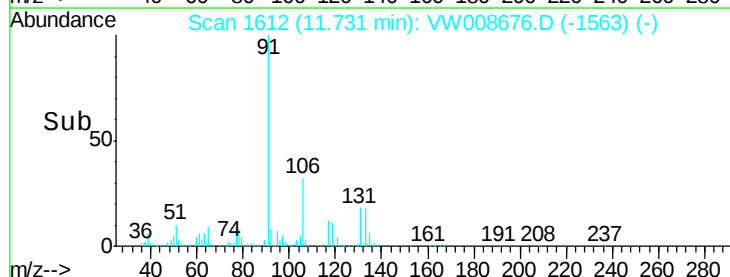
60000

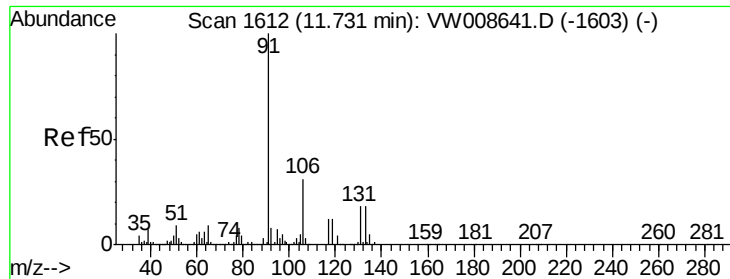
40000

20000

0

Time-->

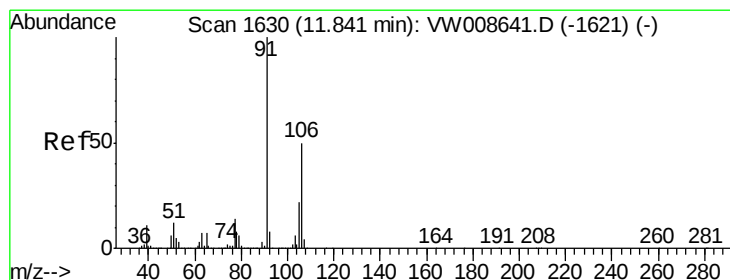
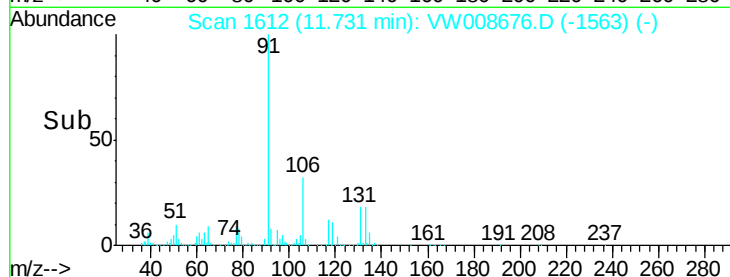
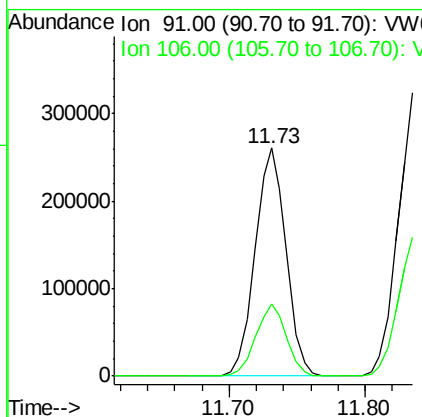
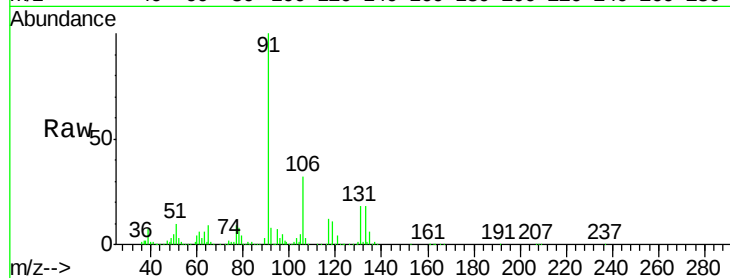




#67
Ethyl Benzene
Concen: 20.741 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

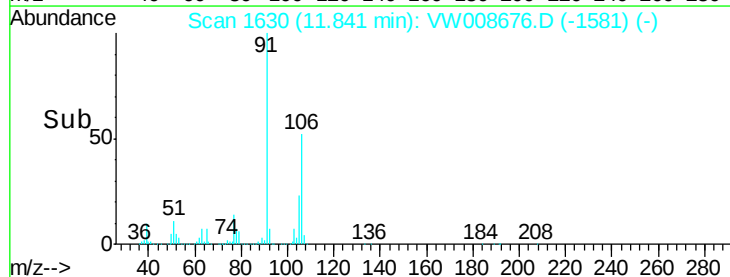
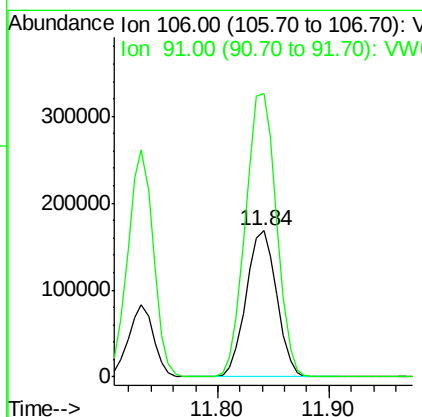
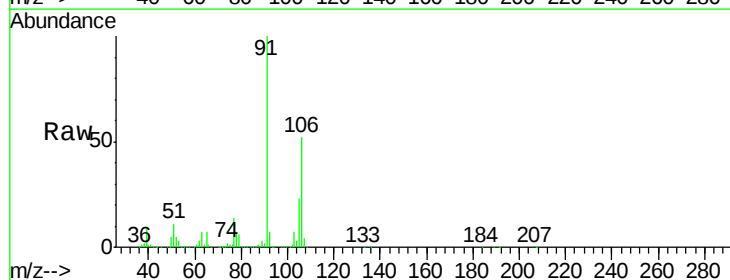
Instrument :
MSVOA_W
ClientSampleId :

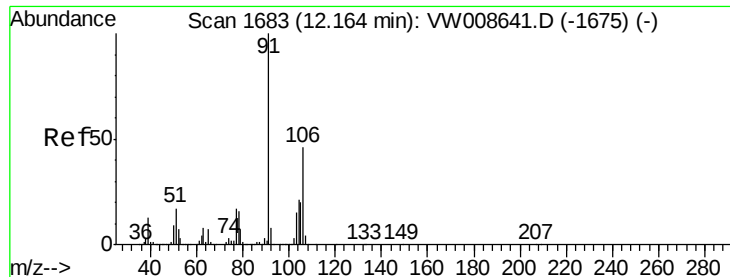
Tot Ion: 91 Resp: 414882
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 41.387 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

Tgt Ion: 106 Resp: 322120
Ion Ratio Lower Upper
106 100
91 196.5 161.0 241.4

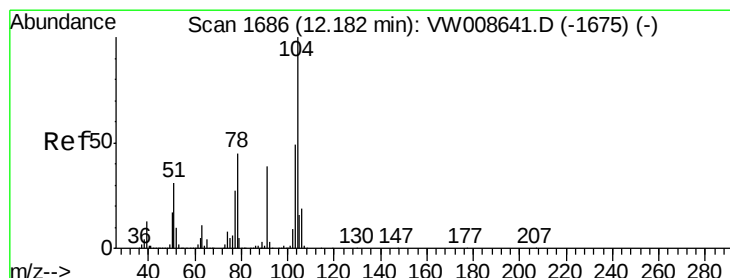
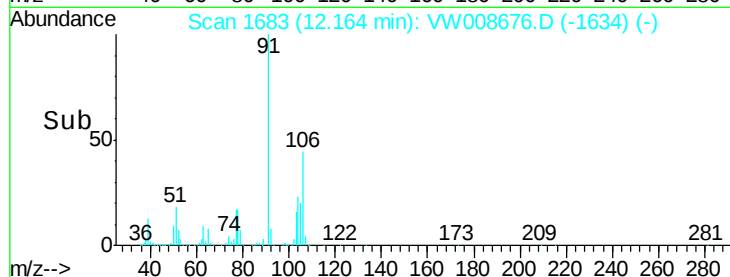
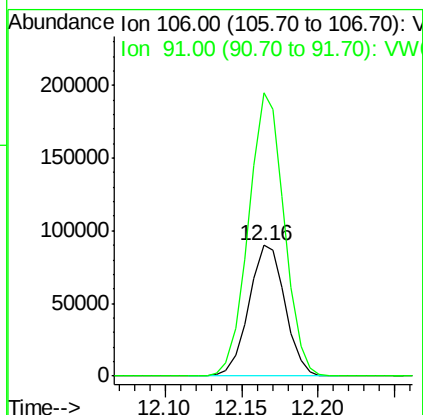
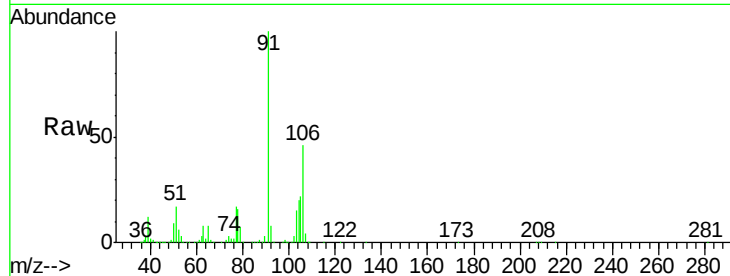




#69
o-Xylene
Concen: 20.092 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

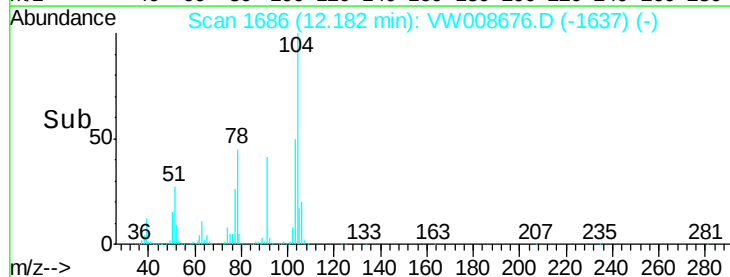
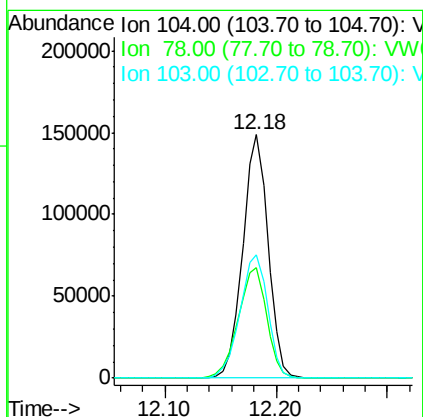
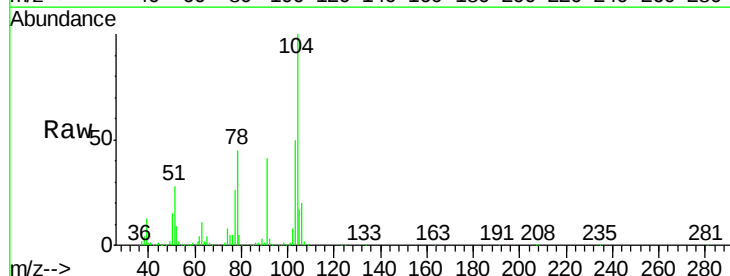
Instrument :
MSVOA_W
ClientSampleId :

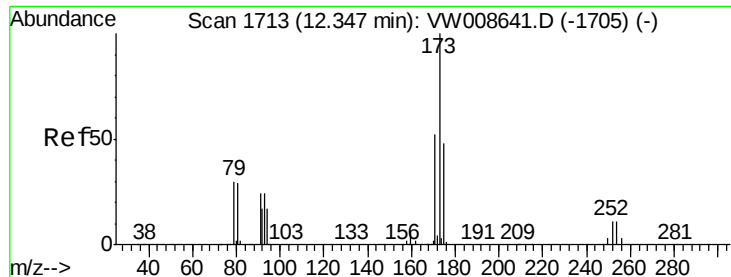
Tot Ion:106 Resp: 147816
Ion Ratio Lower Upper
106 100
91 213.3 106.7 320.1



#70
Styrene
Concen: 19.573 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

Tgt Ion:104 Resp: 235201
Ion Ratio Lower Upper
104 100
78 50.9 41.5 62.3
103 55.6 43.5 65.3





#71

Bromoform

Concen: 18.175 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

ClientSampled :

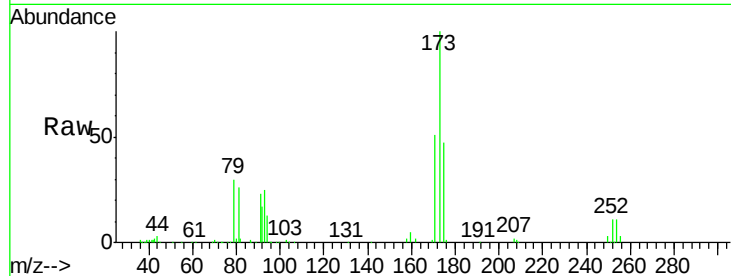
Tot Ion:173 Resp: 38957

Ion Ratio Lower Upper

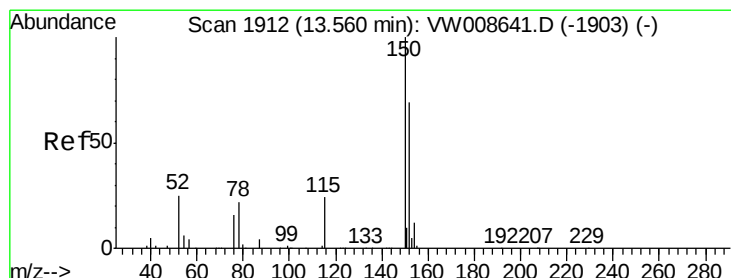
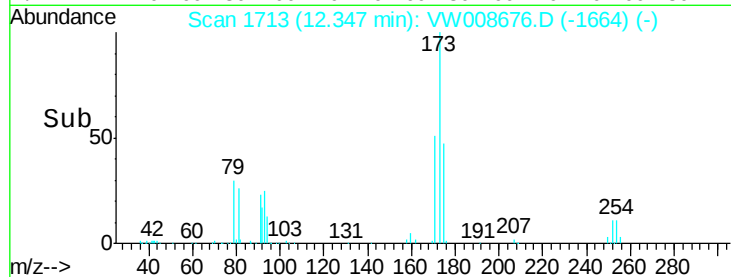
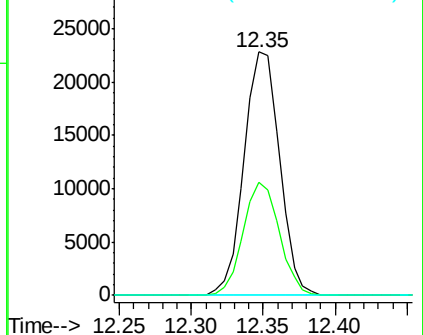
173 100

175 47.4 24.9 74.7

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

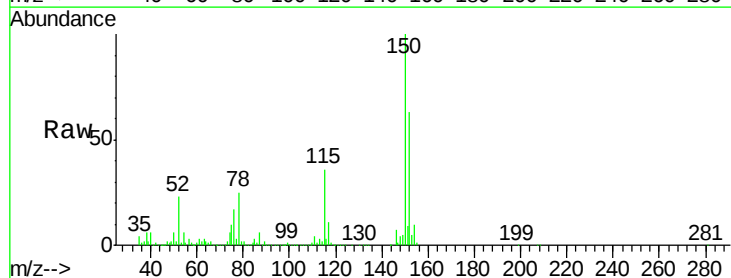
Tgt Ion:152 Resp: 270395

Ion Ratio Lower Upper

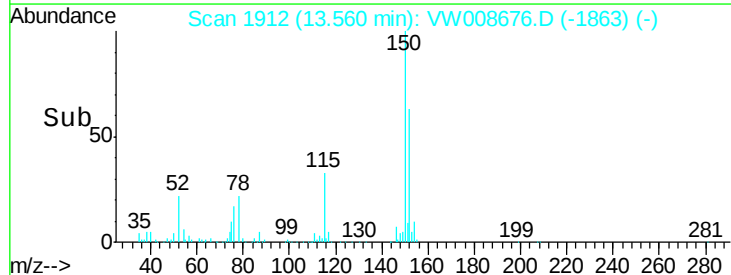
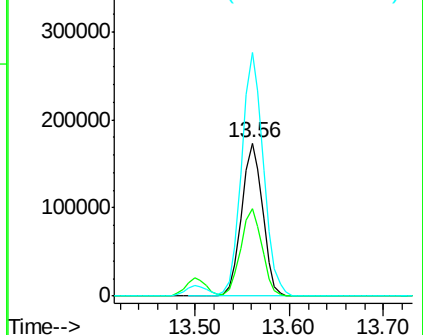
152 100

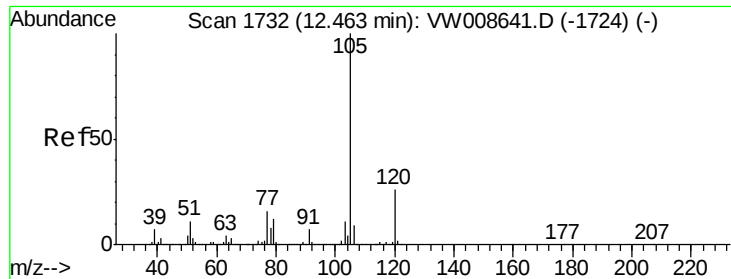
115 57.4 29.3 87.8

150 165.0 0.0 352.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.797 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

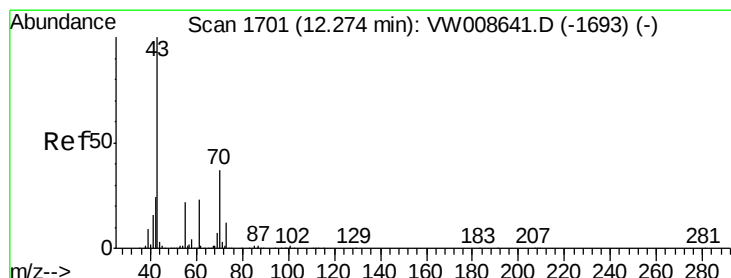
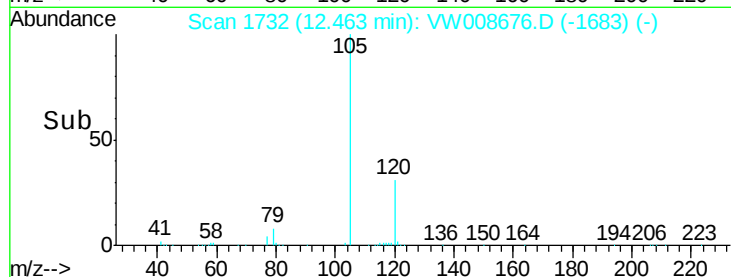
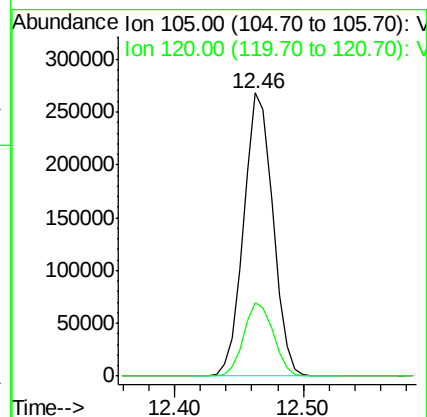
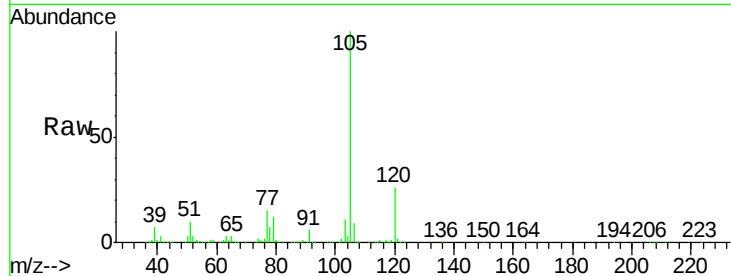
ClientSampleId :

Tot Ion:105 Resp: 418880

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 15.814 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Tgt Ion: 43 Resp: 86131

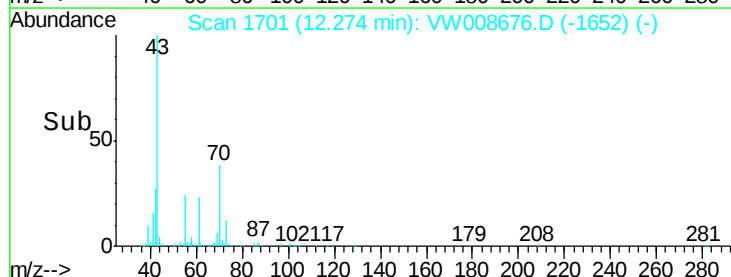
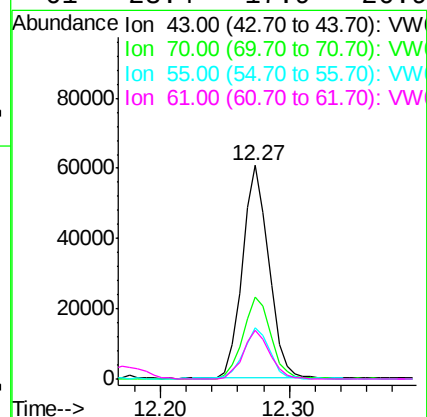
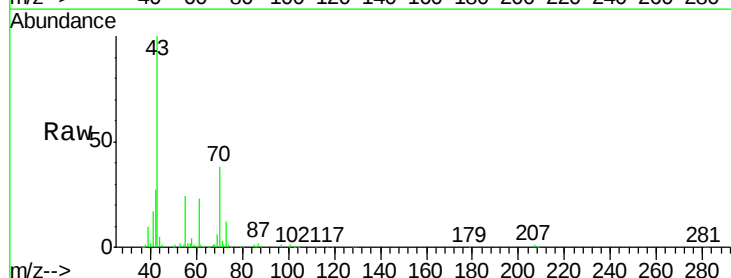
Ion Ratio Lower Upper

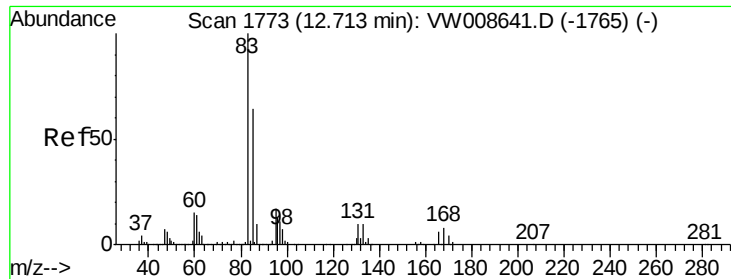
43 100

70 40.7 30.5 45.7

55 24.6 17.6 26.4

61 23.4 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 17.516 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

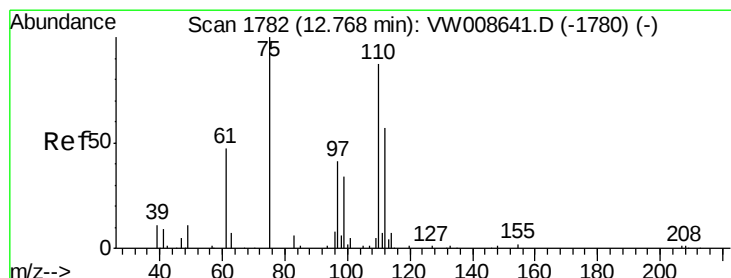
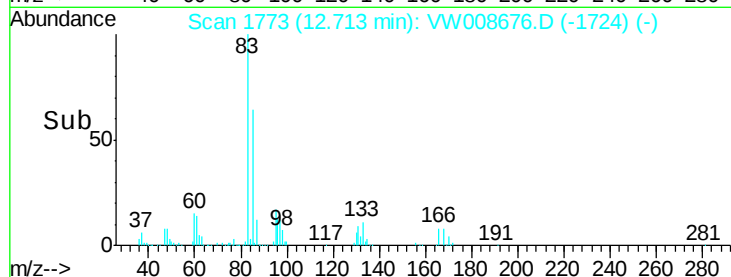
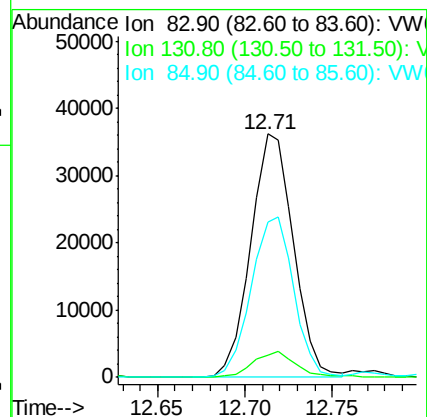
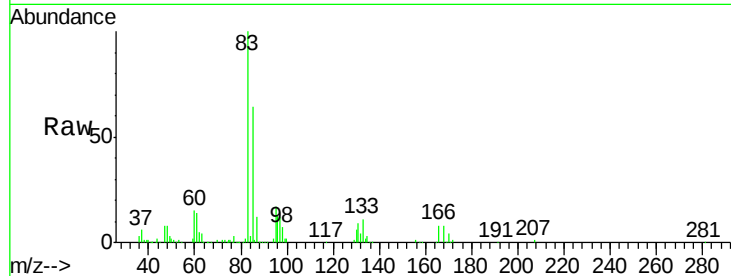
Tot Ion: 83 Resp: 61383

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

85 65.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 31.500 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008676.D

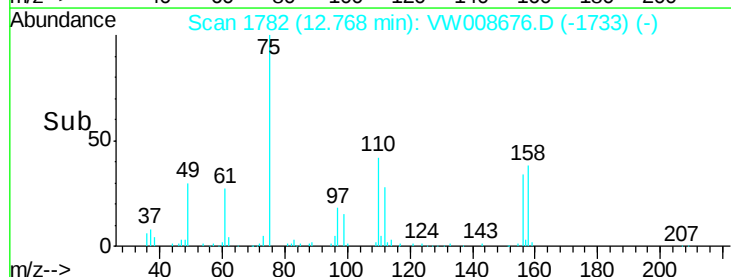
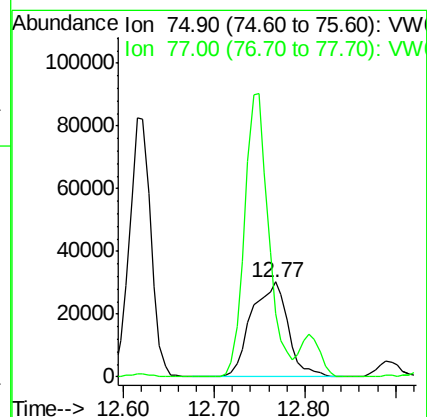
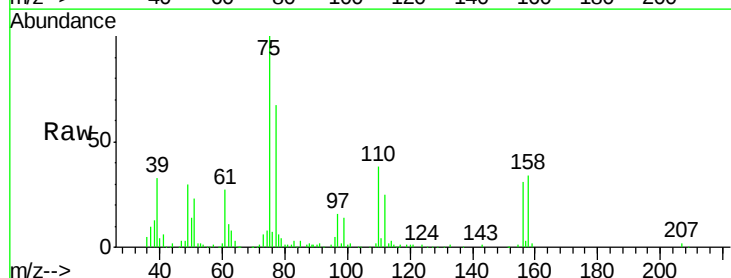
Acq: 15 Feb 2019 11:30

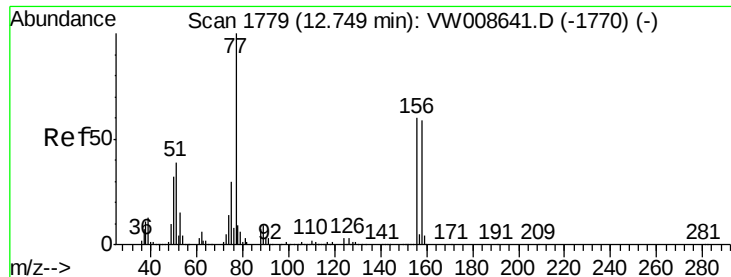
Tgt Ion: 75 Resp: 84106

Ion Ratio Lower Upper

75 100

77 199.5 0.0 0.0#





#77

Bromobenzene

Concen: 20.222 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

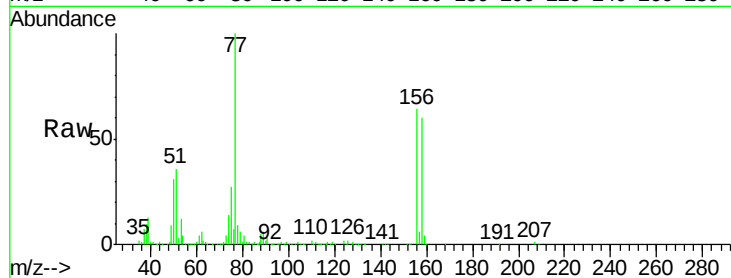
Tot Ion:156 Resp: 93627

Ion Ratio Lower Upper

156 100

77 179.2 93.2 279.5

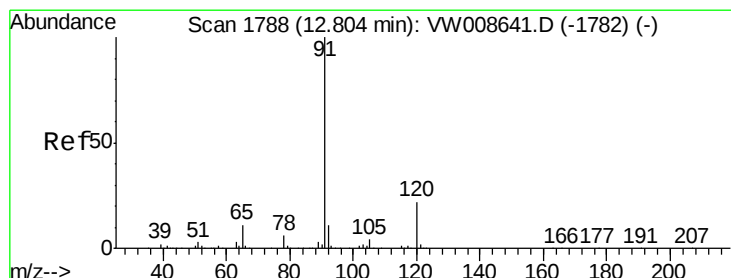
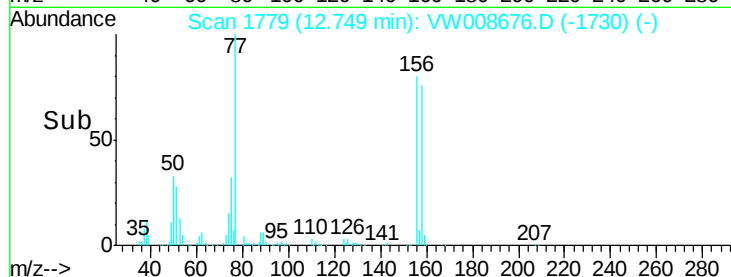
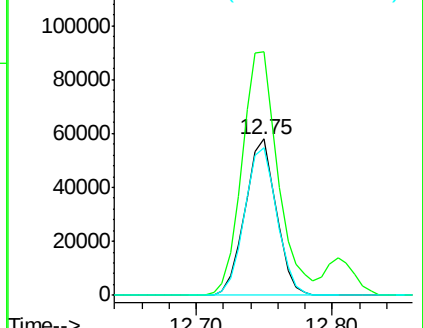
158 97.6 48.5 145.5



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: 20.944 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW008676.D

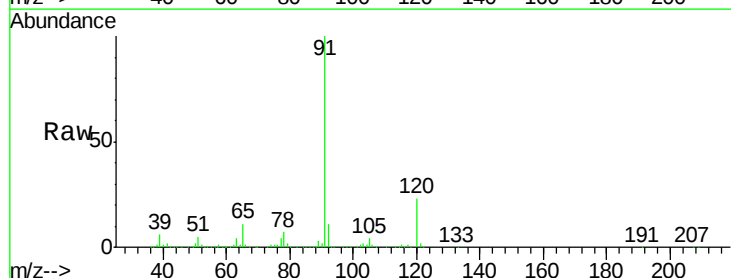
Acq: 15 Feb 2019 11:30

Tgt Ion: 91 Resp: 501219

Ion Ratio Lower Upper

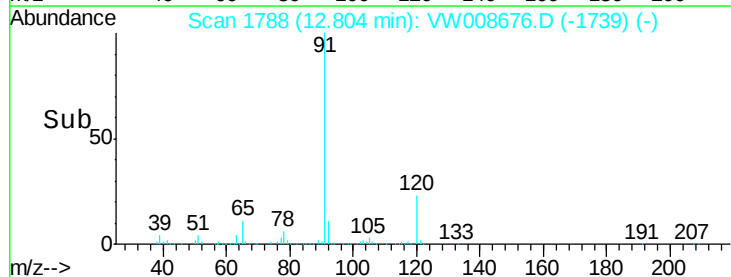
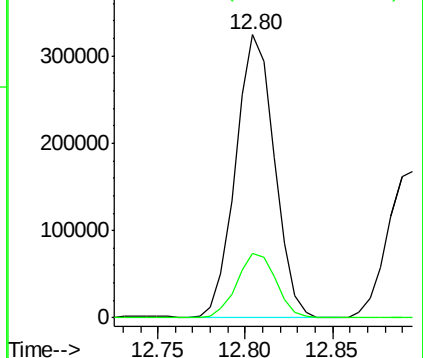
91 100

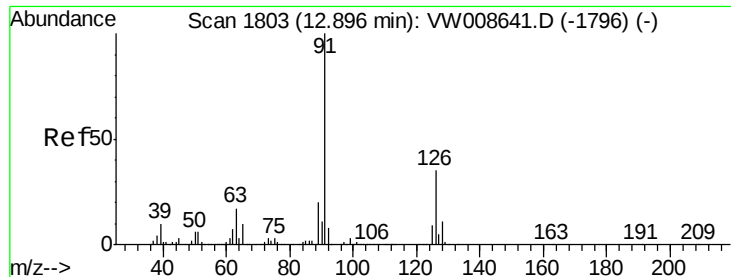
120 23.2 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.592 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

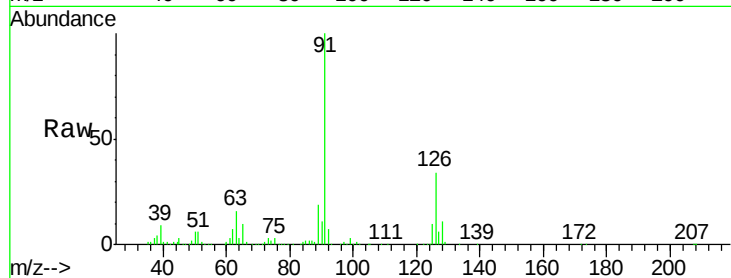
ClientSampled :

Tot Ion: 91 Resp: 278515

Ion Ratio Lower Upper

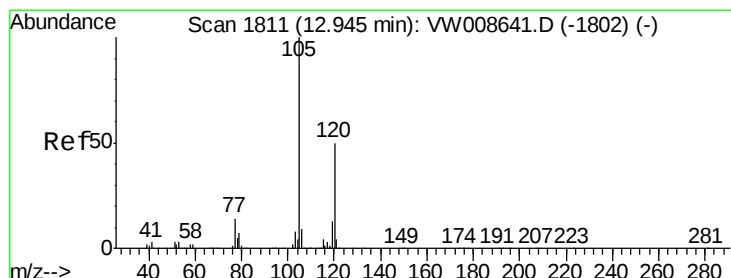
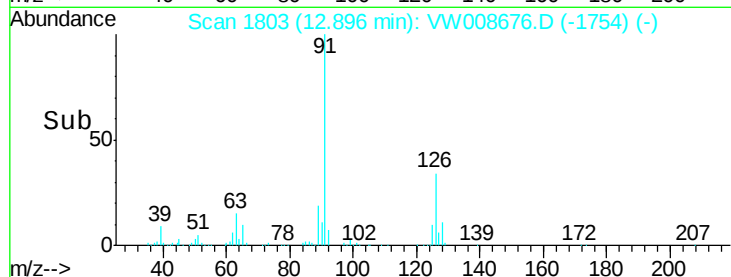
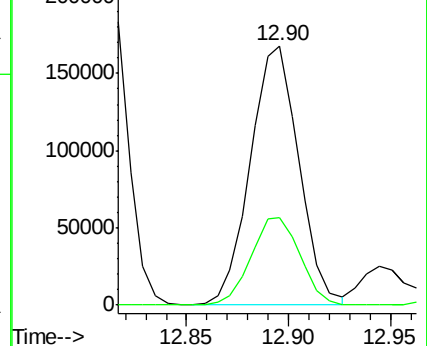
91 100

126 34.0 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.671 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008676.D

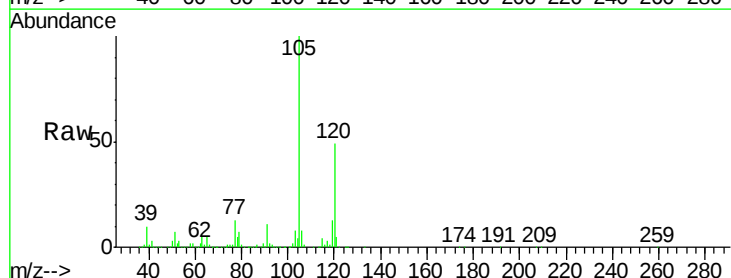
Acq: 15 Feb 2019 11:30

Tgt Ion: 105 Resp: 345818

Ion Ratio Lower Upper

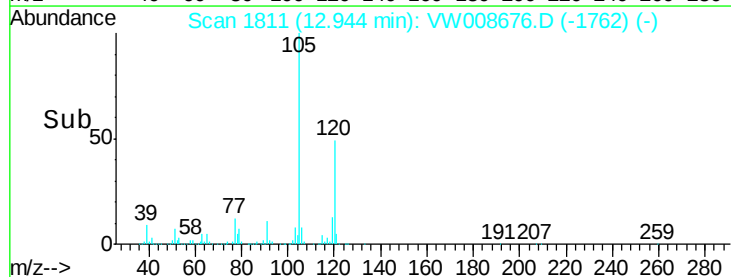
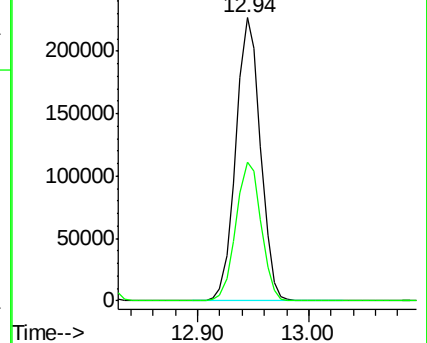
105 100

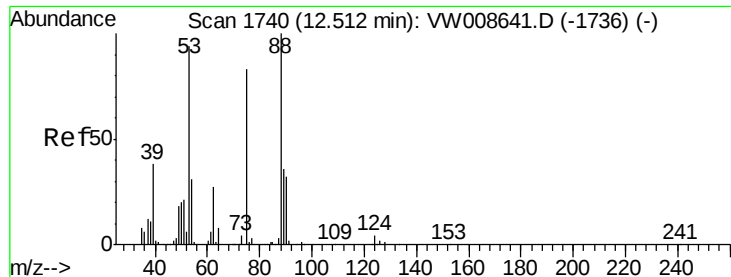
120 50.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.608 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

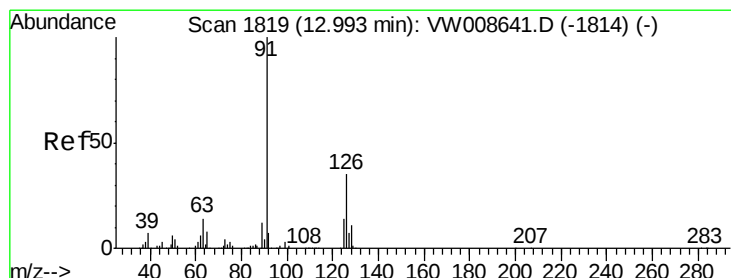
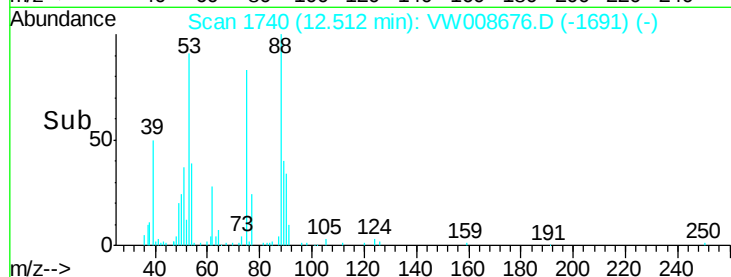
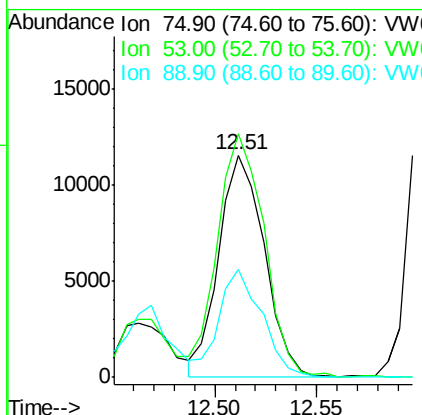
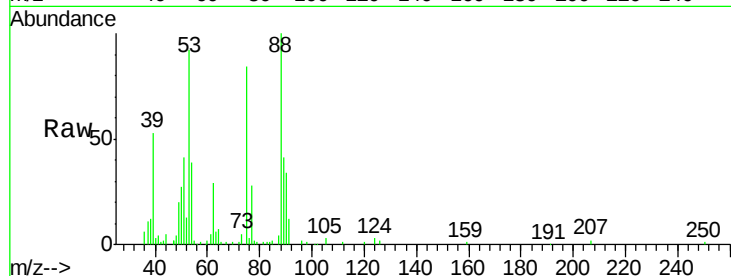
Tot Ion: 75 Resp: 17966

Ion Ratio Lower Upper

75 100

53 113.8 87.4 131.0

89 46.3 37.0 55.4



#82

4-Chlorotoluene

Concen: 20.056 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008676.D

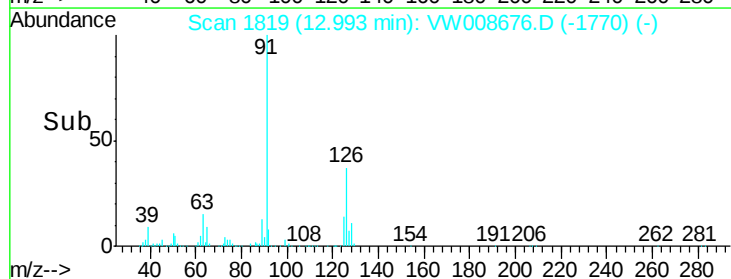
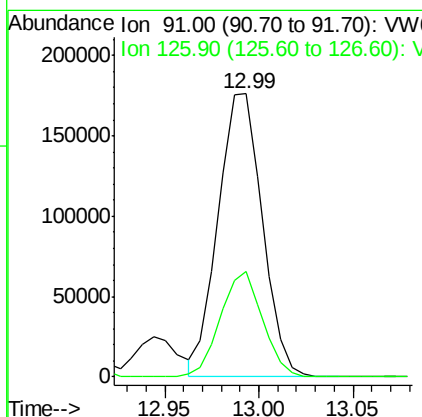
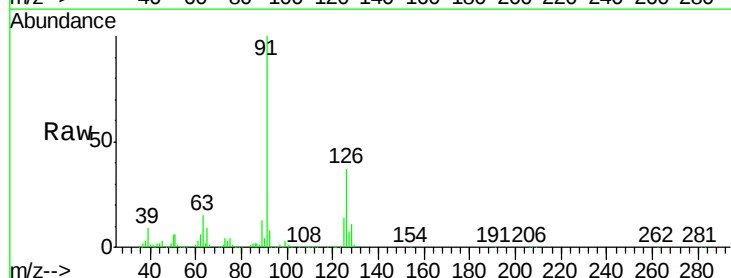
Acq: 15 Feb 2019 11:30

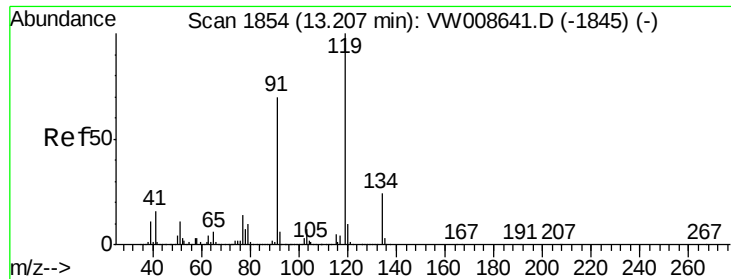
Tgt Ion: 91 Resp: 287477

Ion Ratio Lower Upper

91 100

126 35.4 16.9 50.7

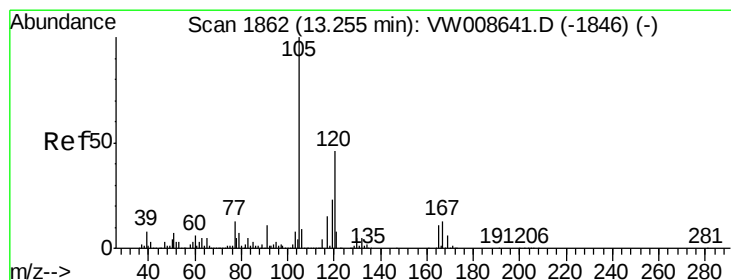
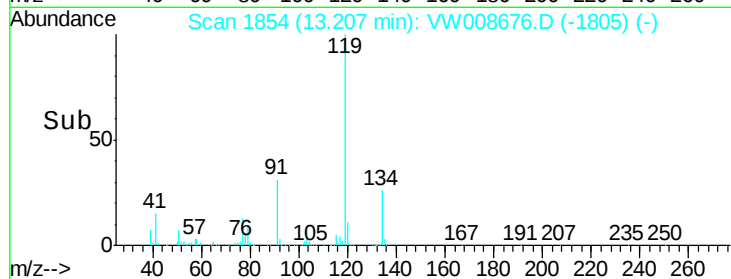
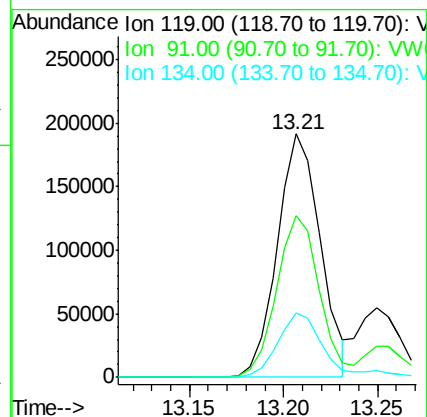
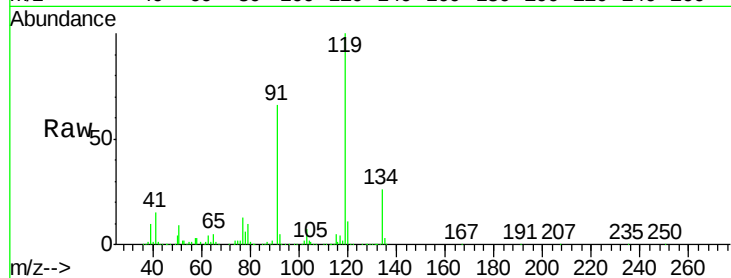




#83
tert-Butylbenzene
Concen: 20.890 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

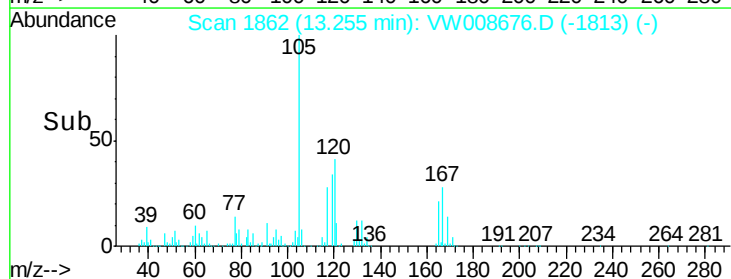
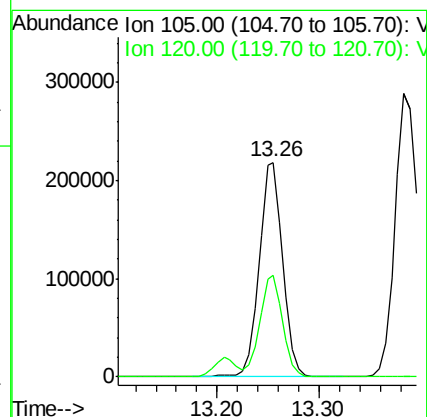
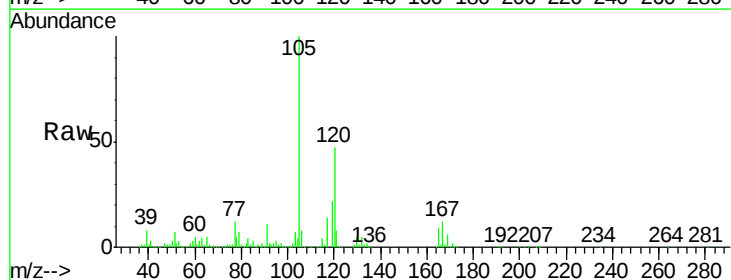
Instrument :
MSVOA_W
ClientSampled :

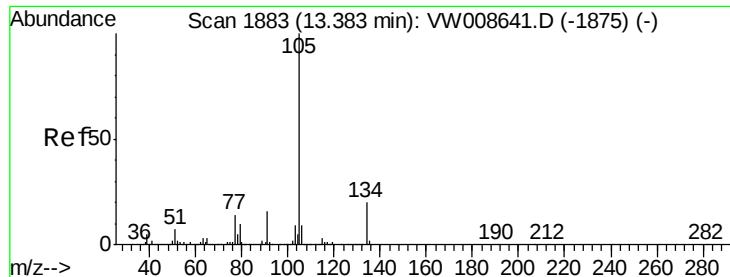
Tot Ion:119 Resp: 303465
Ion Ratio Lower Upper
119 100
91 66.2 34.0 102.0
134 28.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 20.434 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008676.D
Acq: 15 Feb 2019 11:30

Tgt Ion:105 Resp: 351353
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.073 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

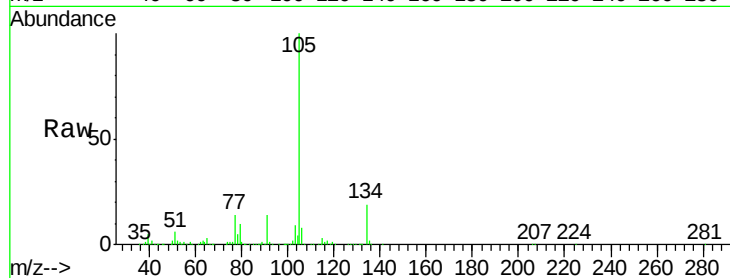
ClientSampleId :

Tot Ion:105 Resp: 445733

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

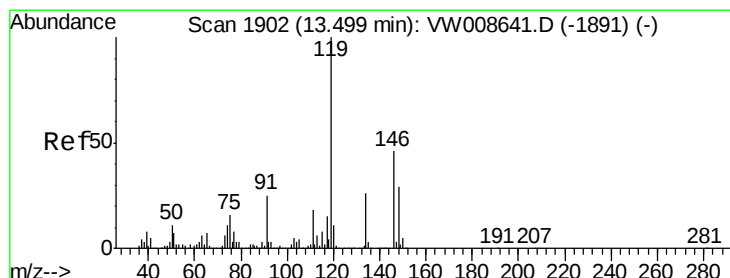
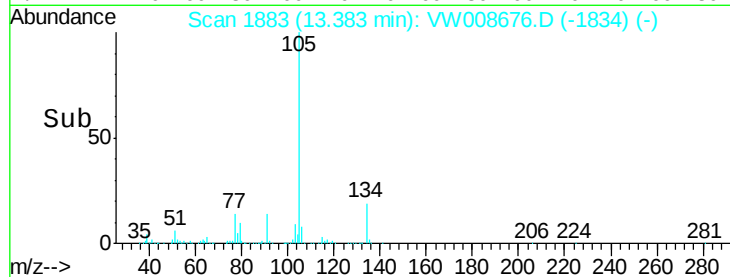
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.851 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

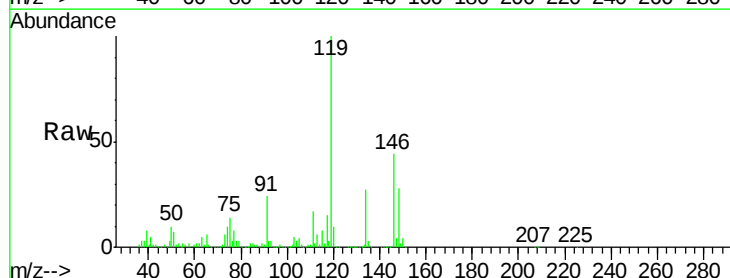
Tgt Ion:119 Resp: 394539

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

91 23.9 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

13.50

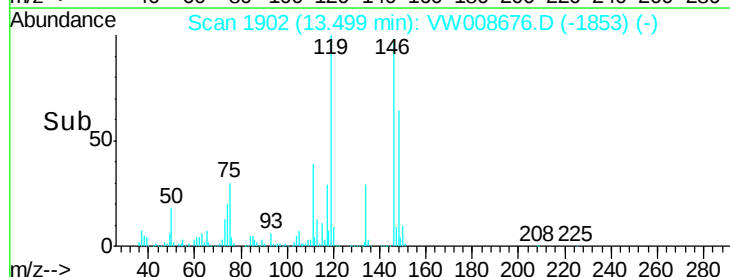
300000

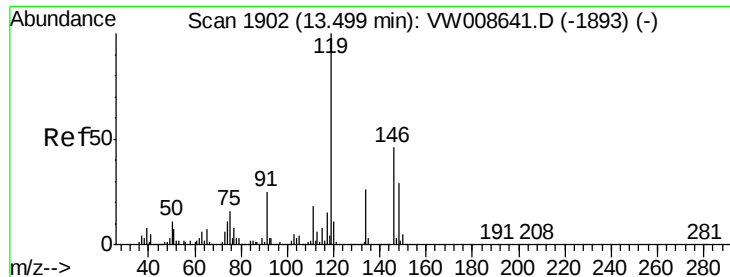
200000

100000

0

Time-->

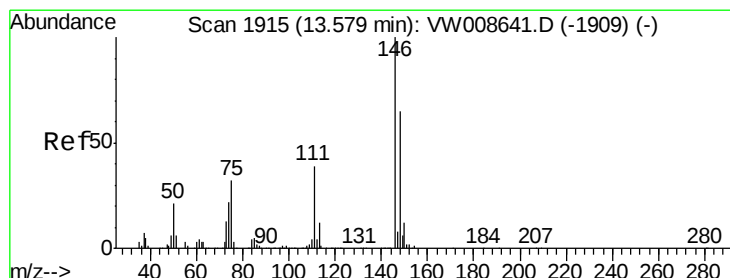
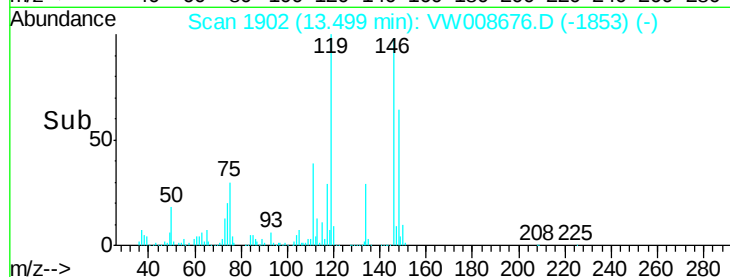
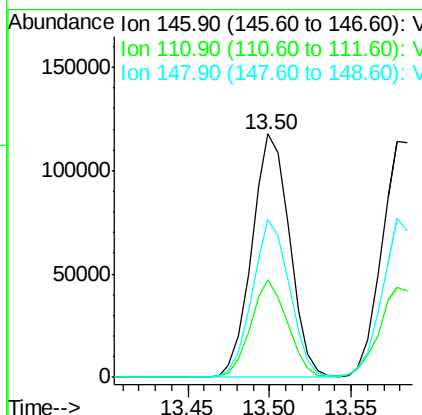
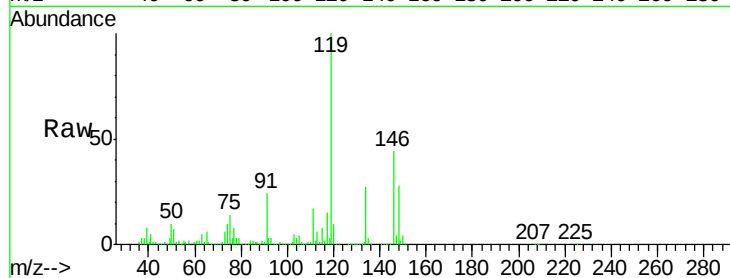




#87
 1,3-Dichlorobenzene
 Concen: 20.184 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

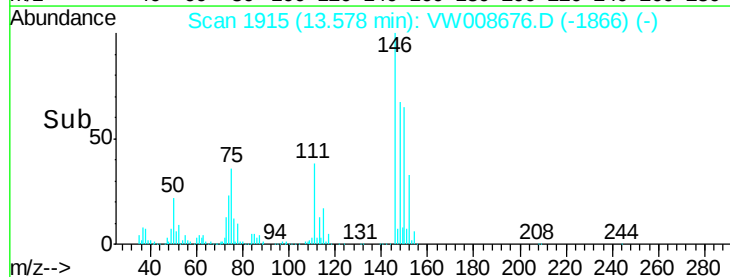
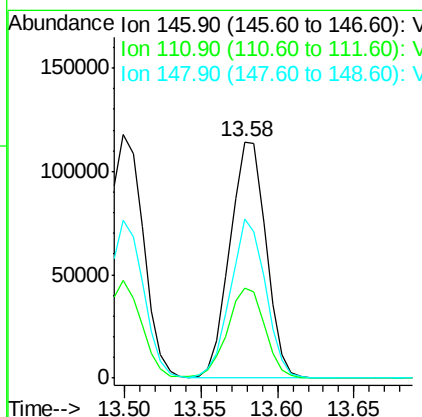
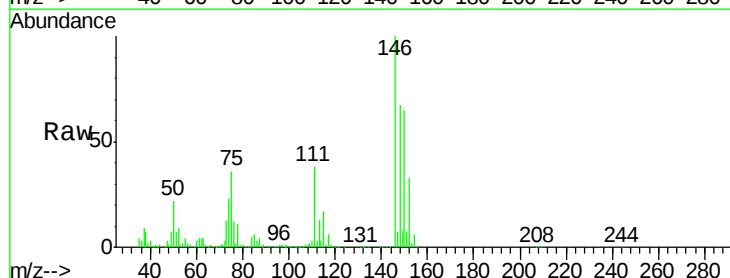
Instrument :
 MSVOA_W
 ClientSampleId :

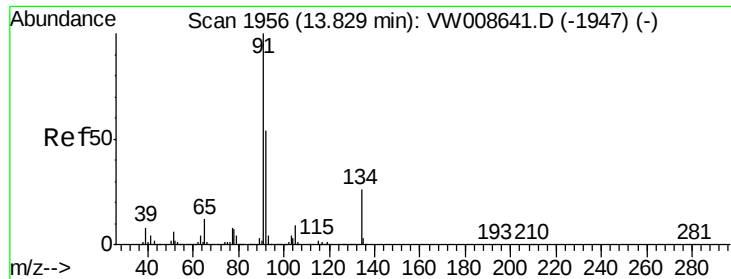
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.1
148	64.2	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.326 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.1
148	65.4	31.8	95.4





#89

n-Butylbenzene

Concen: 20.703 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

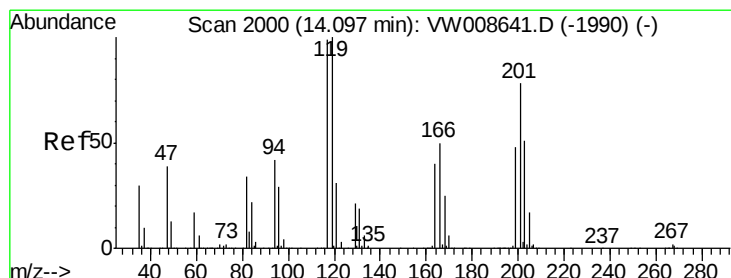
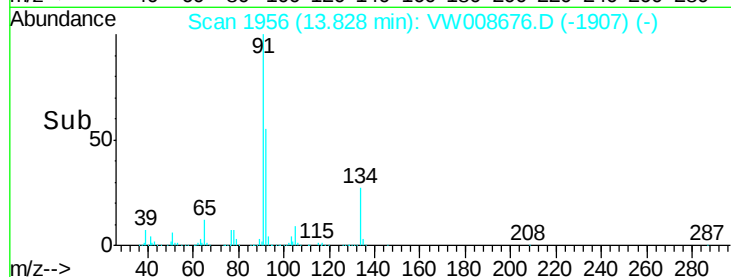
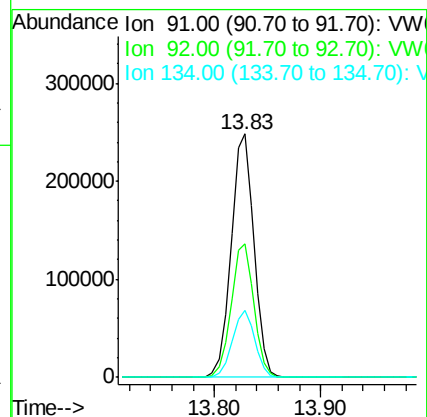
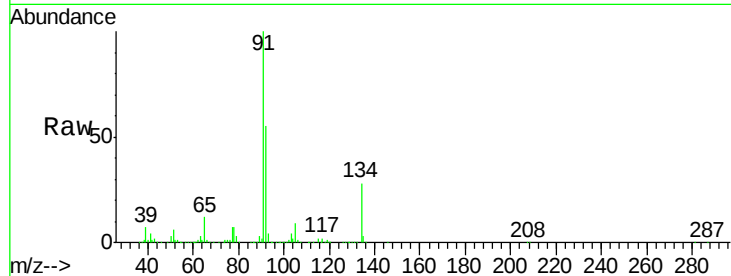
Tot Ion: 91 Resp: 372262

Ion Ratio Lower Upper

91 100

92 54.6 26.8 80.4

134 27.1 13.0 39.0



#90

Hexachloroethane

Concen: 20.723 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008676.D

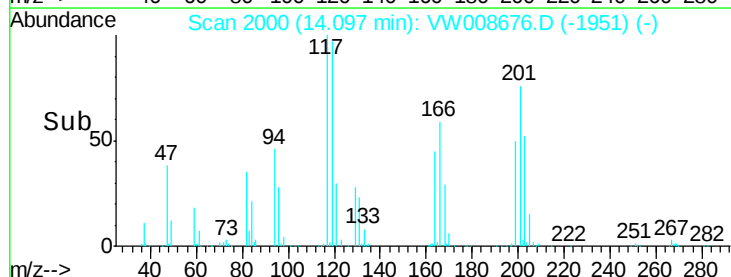
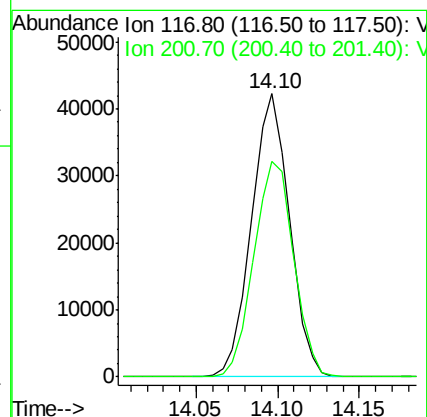
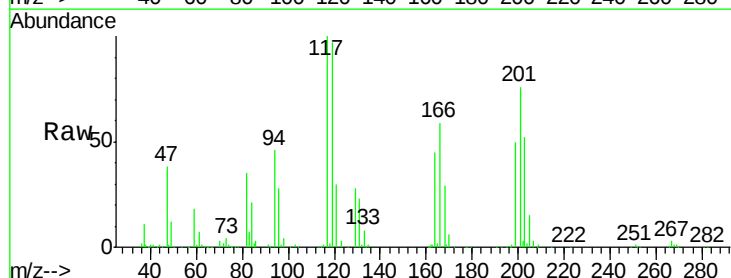
Acq: 15 Feb 2019 11:30

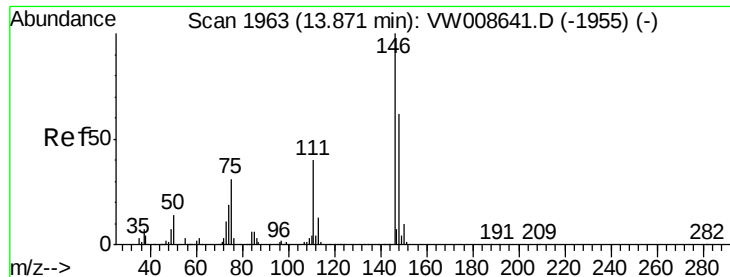
Tgt Ion: 117 Resp: 68508

Ion Ratio Lower Upper

117 100

201 79.7 38.7 116.1

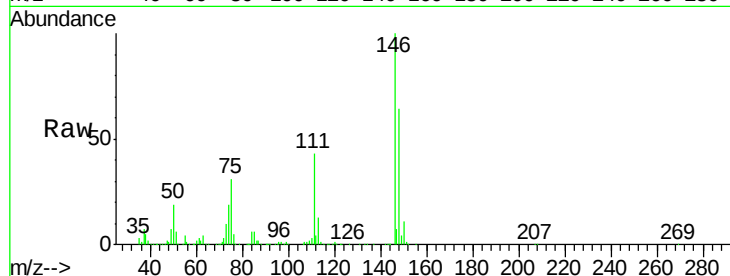




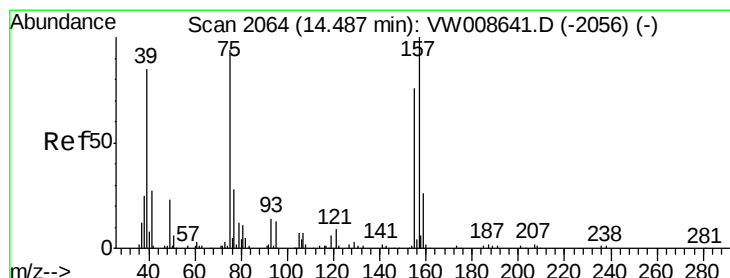
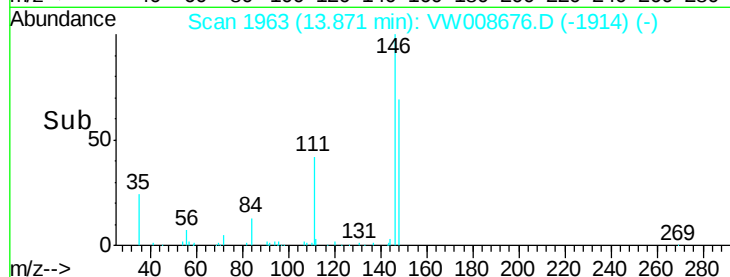
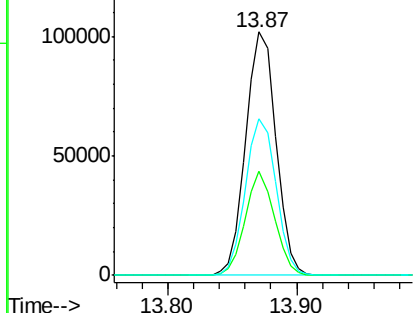
#91
 1,2-Dichlorobenzene
 Concen: 19.839 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.5
148	65.2	31.6	94.8

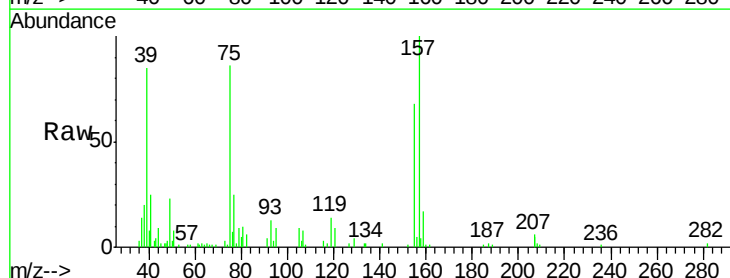


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

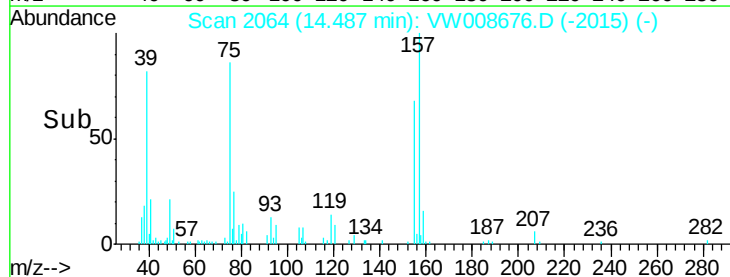
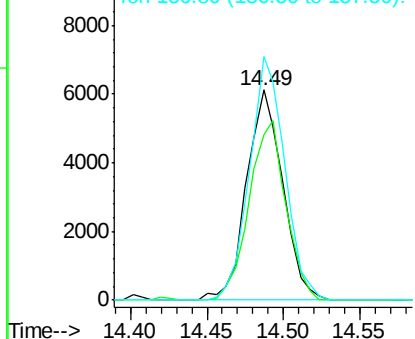


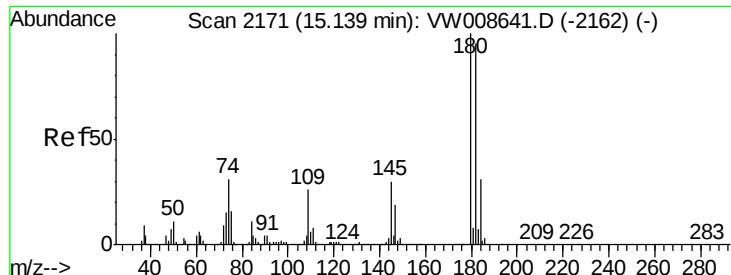
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.563 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	41.8	125.4
157	113.0	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

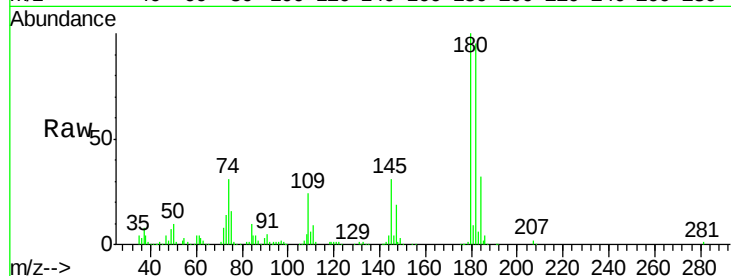




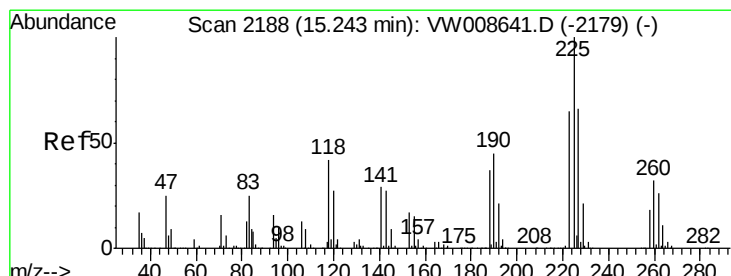
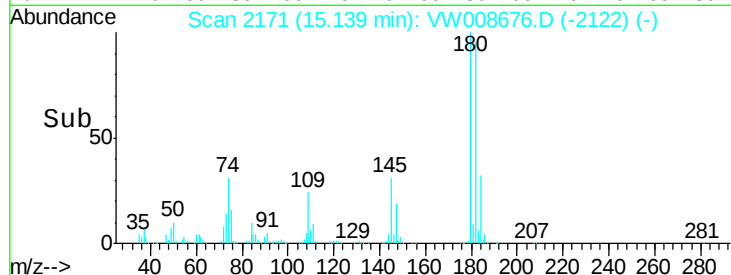
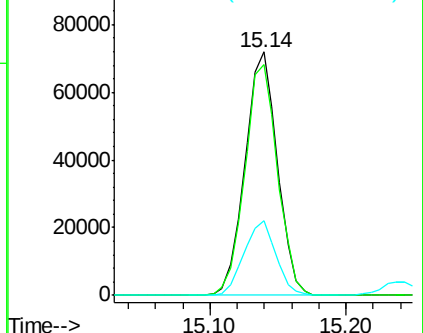
#93
 1,2,4-Trichlorobenzene
 Concen: 20.221 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.5
145	30.4	15.1	45.3

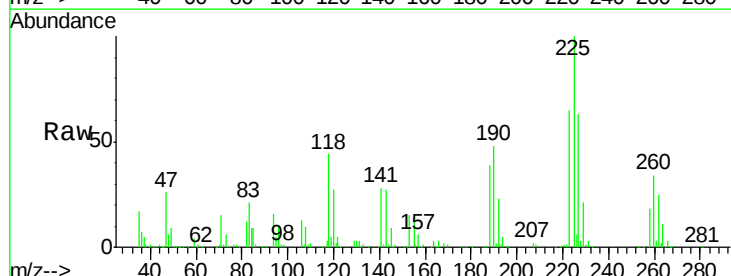


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

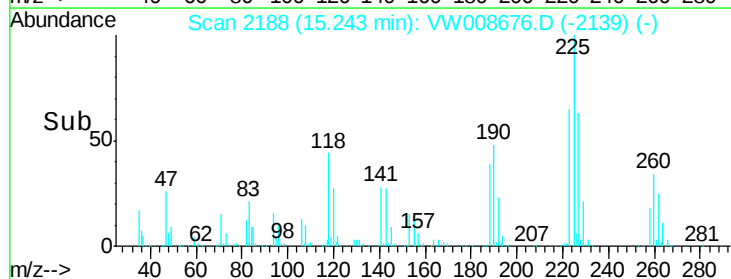
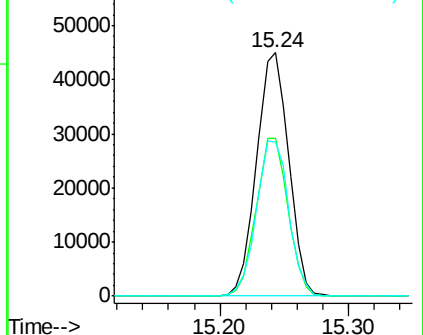


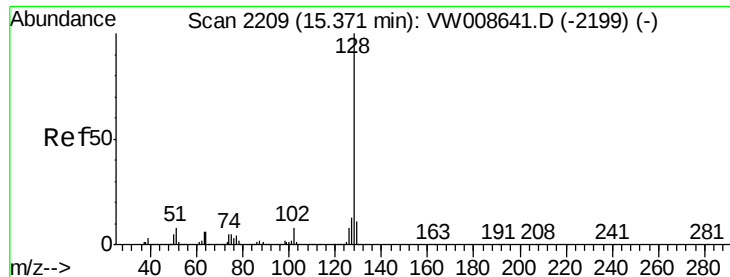
#94
 Hexachlorobutadiene
 Concen: 22.521 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008676.D
 Acq: 15 Feb 2019 11:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.4	94.3
227	64.2	32.4	97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.678 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

Instrument :

MSVOA_W

ClientSampled :

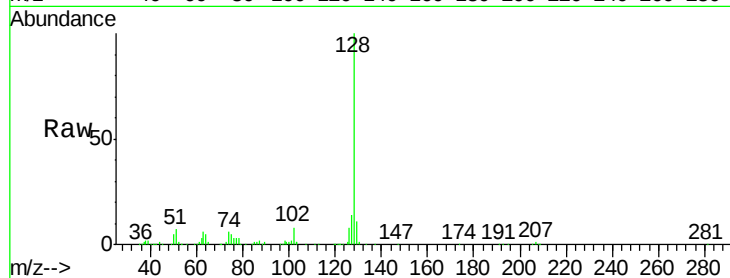
Tot Ion:128 Resp: 187523

Ion Ratio Lower Upper

128 100

127 13.9 10.9 16.3

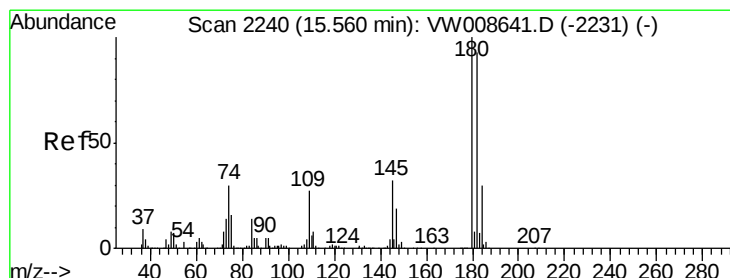
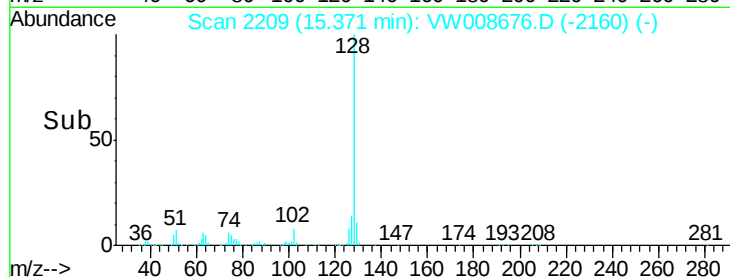
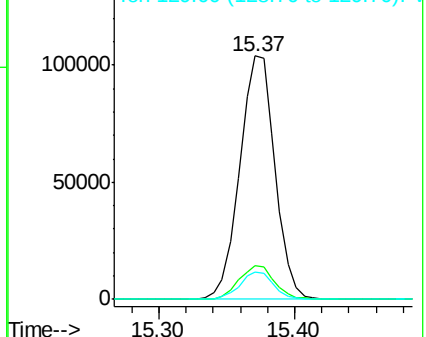
129 10.8 8.7 13.1



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: 19.962 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW008676.D

Acq: 15 Feb 2019 11:30

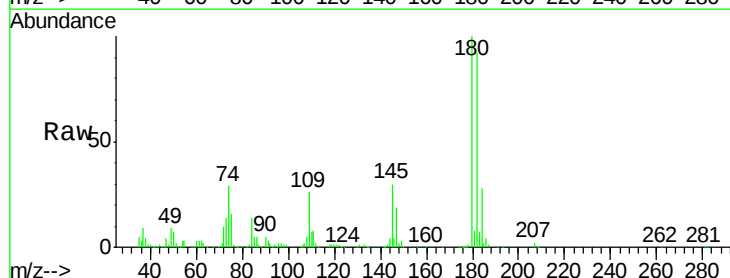
Tgt Ion:180 Resp: 101397

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 31.5 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

