

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021419\
 Data File : VW008661.D
 Acq On : 14 Feb 2019 13:00
 Operator : SY/VA
 Sample : VW0214SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

Quant Time: Feb 15 02:46:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	401185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	583256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	519304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	270400	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	203593	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	7.88	113	195876	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	10.32	98	758265	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
62) 4-Bromofluorobenzene	12.62	95	269298	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	53511	20.825	ug/l	99
3) Chloromethane	2.21	50	69847	18.856	ug/l	100
4) Vinyl Chloride	2.36	62	94156	19.351	ug/l	99
5) Bromomethane	2.78	94	77522	20.134	ug/l	98
6) Chloroethane	2.92	64	70226	19.396	ug/l	95
7) Trichlorofluoromethane	3.25	101	69881	18.440	ug/l	97
8) Diethyl Ether	3.67	74	42682	18.873	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87927	21.955	ug/l	99
10) Methyl Iodide	4.26	142	130287	20.843	ug/l	98
11) Tert butyl alcohol	5.17	59	24396	73.106	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	79503	20.299	ug/l	97
13) Acrolein	3.88	56	31393	91.307	ug/l	96
14) Allyl chloride	4.65	41	132458	20.356	ug/l	98
15) Acrylonitrile	5.35	53	82643	86.820	ug/l	98
16) Acetone	4.12	43	79818	84.098	ug/l	98
17) Carbon Disulfide	4.37	76	247164	20.911	ug/l	98
18) Methyl Acetate	4.67	43	33713	15.545	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	125481	18.250	ug/l	97
20) Methylene Chloride	4.90	84	91247	17.054	ug/l	90
21) trans-1,2-Dichloroethene	5.41	96	87628	20.430	ug/l	95
22) Diisopropyl ether	6.31	45	252169	19.254	ug/l	98
23) Vinyl Acetate	6.25	43	757867	89.160	ug/l	100
24) 1,1-Dichloroethane	6.20	63	152720	20.208	ug/l	97
25) 2-Butanone	7.17	43	108594	81.029	ug/l	97
26) 2,2-Dichloropropane	7.16	77	102508	21.712	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	91104	19.643	ug/l	99
28) Bromochloromethane	7.51	49	58924	18.470	ug/l	98
29) Tetrahydrofuran	7.52	42	71236	80.644	ug/l	100
30) Chloroform	7.67	83	151112	19.955	ug/l	98
31) Cyclohexane	7.95	56	155048	20.326	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	133360	20.853	ug/l	99
36) 1,1-Dichloropropene	8.07	75	129181	22.045	ug/l	99
37) Ethyl Acetate	7.24	43	49137	17.383	ug/l	98
38) Carbon Tetrachloride	8.06	117	128970	22.134	ug/l	99

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Feb 15 02:46:49 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	163166	22.015	ug/l	97
40) Benzene	8.32	78	339865	21.237	ug/l	97
41) Methacrylonitrile	7.48	41	30564	19.218	ug/l	95
42) 1,2-Dichloroethane	8.40	62	100135	20.172	ug/l	99
43) Isopropyl Acetate	8.42	43	100007	17.743	ug/l	96
44) Trichloroethene	9.09	130	97559	21.986	ug/l	98
45) 1,2-Dichloropropane	9.37	63	81624	20.609	ug/l	94
46) Dibromomethane	9.46	93	43746	20.051	ug/l	99
47) Bromodichloromethane	9.64	83	107566	20.514	ug/l	98
48) Methyl methacrylate	9.43	41	44108	16.886	ug/l	95
49) 1,4-Dioxane	9.45	88	11661	334.834	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	245097	84.651	ug/l	99
52) Toluene	10.38	92	215621	20.885	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	106541	19.341	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	124908	20.003	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	57978	19.367	ug/l	97
56) Ethyl methacrylate	10.65	69	71148	17.898	ug/l	97
57) 1,3-Dichloropropane	10.93	76	103369	19.461	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	195470	102.506	ug/l	100
59) 2-Hexanone	10.97	43	172918	85.014	ug/l	100
60) Dibromochloromethane	11.13	129	69410	19.378	ug/l	99
61) 1,2-Dibromoethane	11.23	107	56527	19.178	ug/l	100
64) Tetrachloroethene	10.86	164	82412	21.341	ug/l	97
65) Chlorobenzene	11.66	112	237649	21.232	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	79904	20.152	ug/l	97
67) Ethyl Benzene	11.73	91	420999	21.115	ug/l	99
68) m/p-Xylenes	11.84	106	326353	42.068	ug/l	100
69) o-Xylene	12.16	106	153014	20.867	ug/l	99
70) Styrene	12.18	104	244196	20.388	ug/l	98
71) Bromoform	12.35	173	39253	18.373	ug/l #	95
73) Isopropylbenzene	12.46	105	427016	21.201	ug/l	99
74) N-amyl acetate	12.27	43	94053	17.268	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	66406	18.950	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	86627	32.444	ug/l #	100
77) Bromobenzene	12.75	156	96738	20.894	ug/l	96
78) n-propylbenzene	12.80	91	512044	21.396	ug/l	99
79) 2-Chlorotoluene	12.90	91	286687	21.196	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	357524	21.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	19104	17.500	ug/l	98
82) 4-Chlorotoluene	12.99	91	297646	20.765	ug/l	99
83) tert-Butylbenzene	13.21	119	314218	21.630	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	363588	21.145	ug/l	99
85) sec-Butylbenzene	13.38	105	454402	21.483	ug/l	100
86) p-Isopropyltoluene	13.50	119	401532	21.220	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	197667	21.060	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	192248	20.783	ug/l	98
89) n-Butylbenzene	13.83	91	386401	21.488	ug/l	99
90) Hexachloroethane	14.10	117	68623	20.757	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	170283	20.478	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10976	18.024	ug/l	96

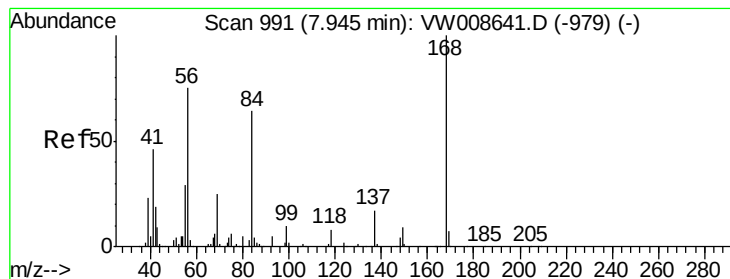
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW021419\
Data File : VW008661.D
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	122665	20.722	ug/l	99
94) Hexachlorobutadiene	15.24	225	79868	23.179	ug/l	99
95) Naphthalene	15.37	128	199459	18.803	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	104548	20.582	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

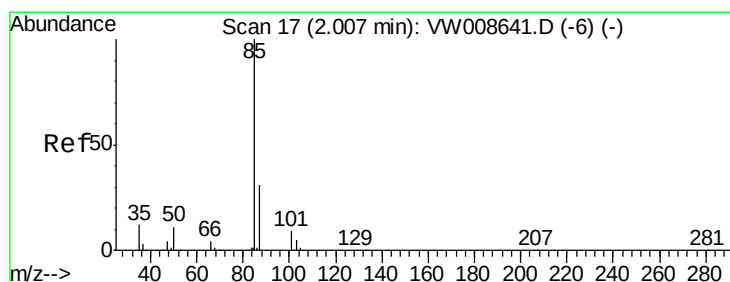
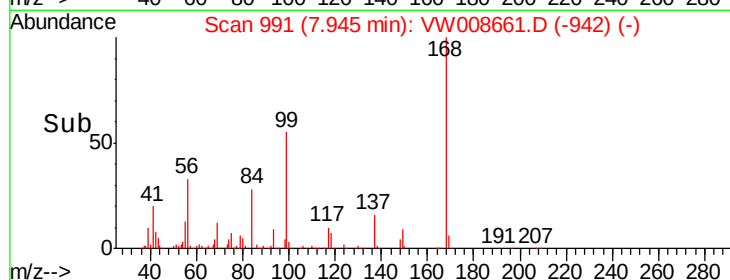
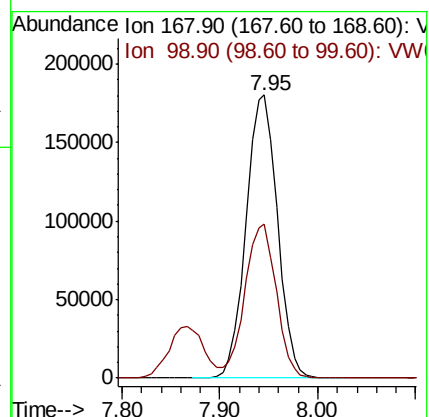
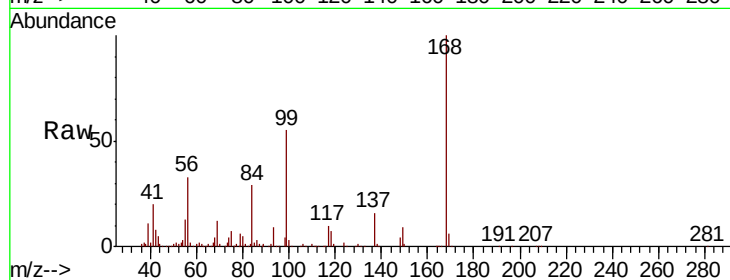
Instrument :
MSVOA_W
ClientSampleId :
VW0214SBS01

Tgt Ion:168 Resp: 401185

Ion Ratio Lower Upper

168 100

99 54.5 42.8 64.2



#2

Dichlorodifluoromethane

Concen: 20.825 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW008661.D

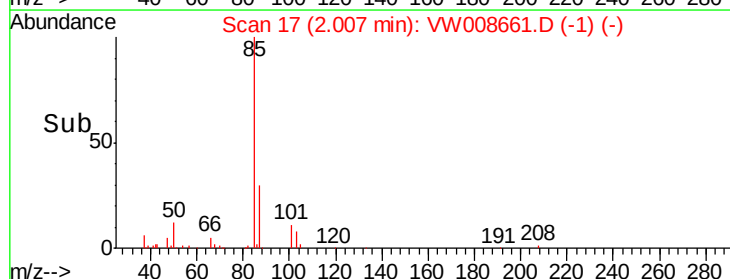
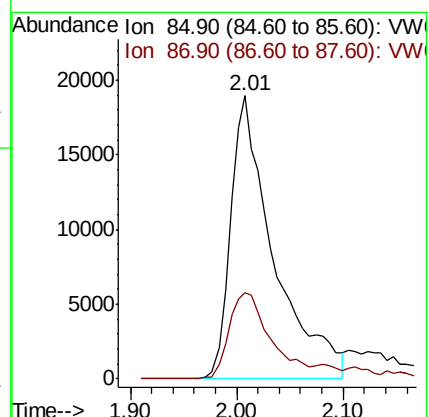
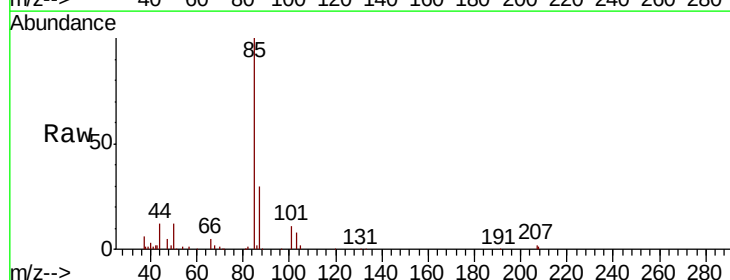
Acq: 14 Feb 2019 13:00

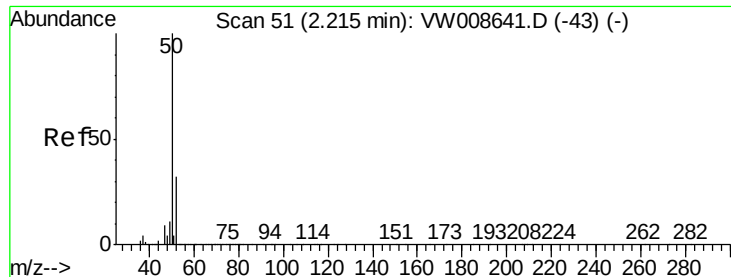
Tgt Ion: 85 Resp: 53511

Ion Ratio Lower Upper

85 100

87 30.3 15.4 46.4





#3

Chloromethane

Concen: 18.856 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

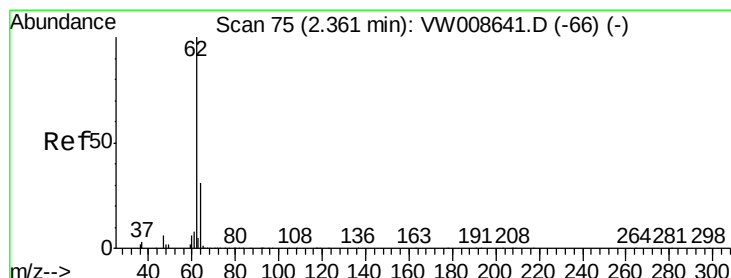
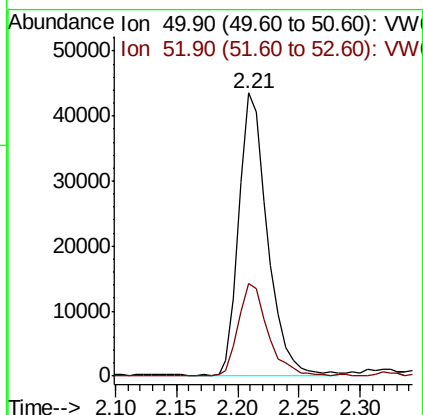
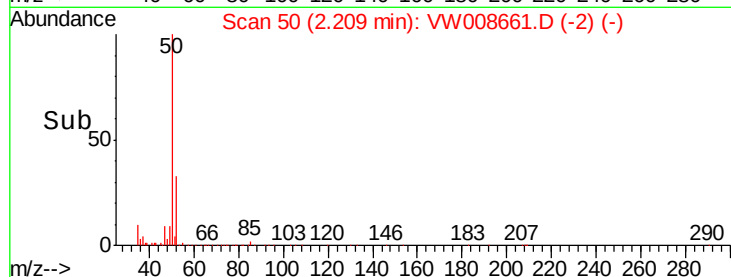
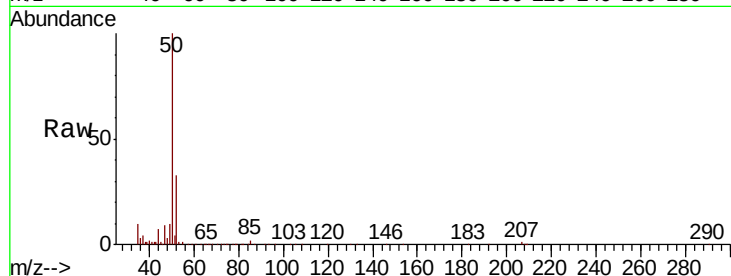
VW0214SBS01

Tgt Ion: 50 Resp: 69847

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 19.351 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW008661.D

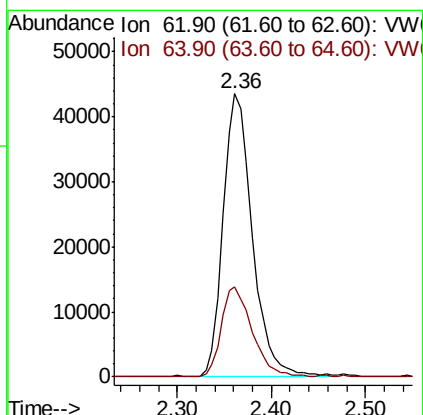
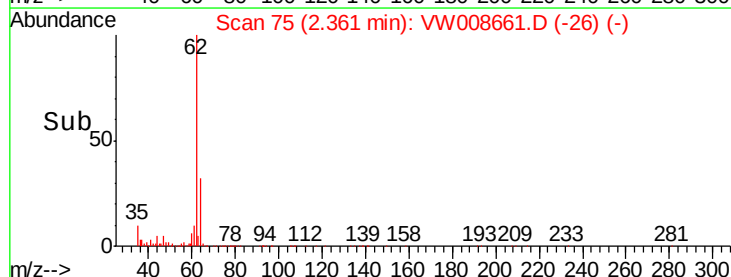
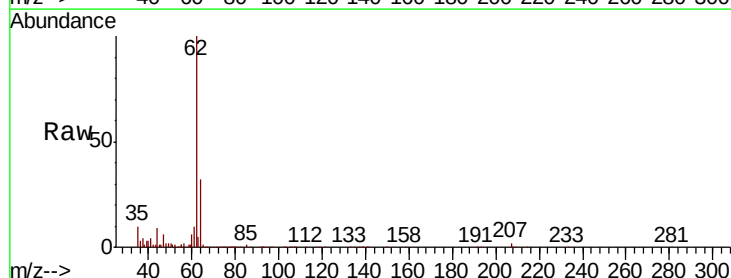
Acq: 14 Feb 2019 13:00

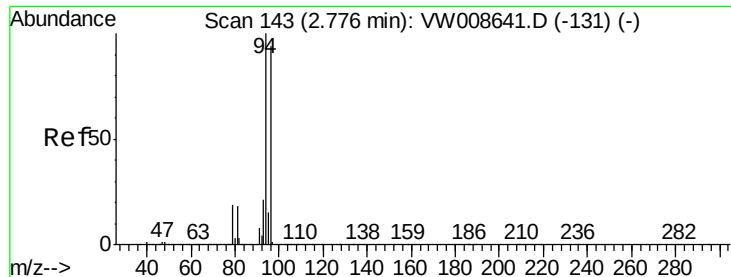
Tgt Ion: 62 Resp: 94156

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 20.134 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

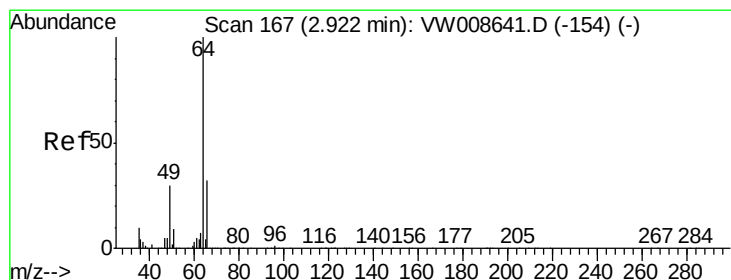
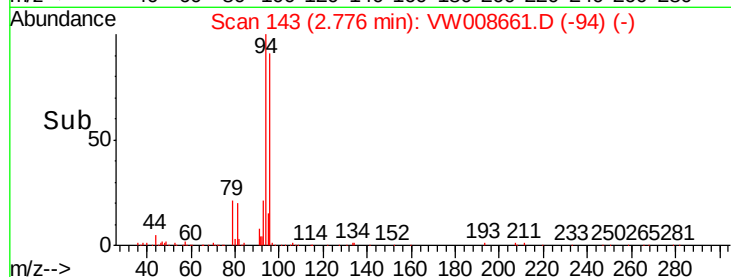
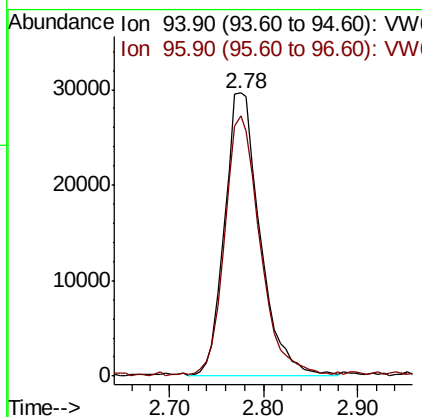
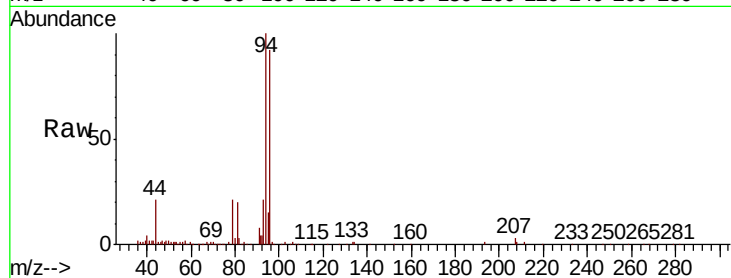
VW0214SBS01

Tgt Ion: 94 Resp: 77522

Ion Ratio Lower Upper

94 100

96 92.0 75.5 113.3



#6

Chloroethane

Concen: 19.396 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW008661.D

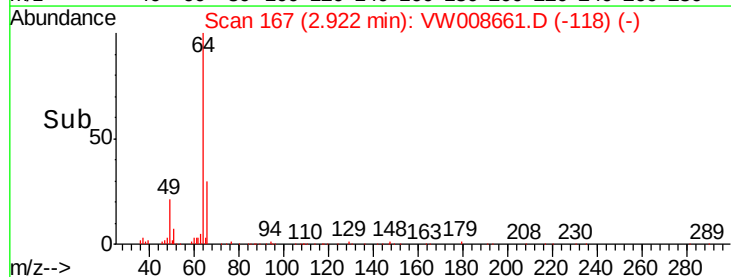
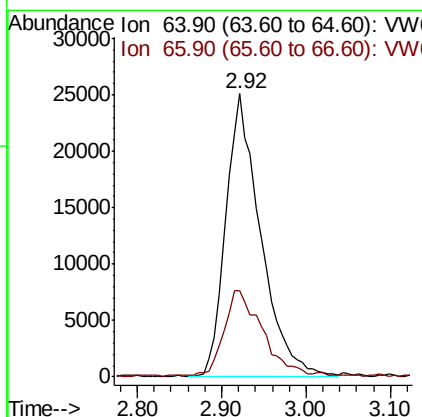
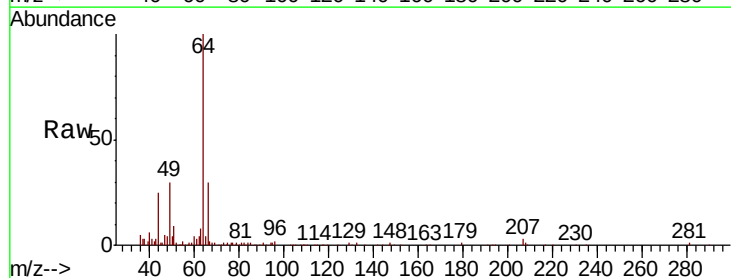
Acq: 14 Feb 2019 13:00

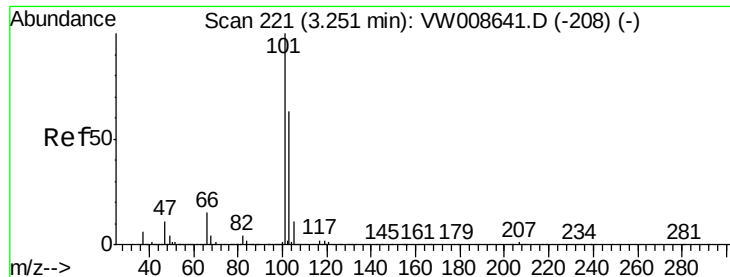
Tgt Ion: 64 Resp: 70226

Ion Ratio Lower Upper

64 100

66 29.8 26.2 39.4



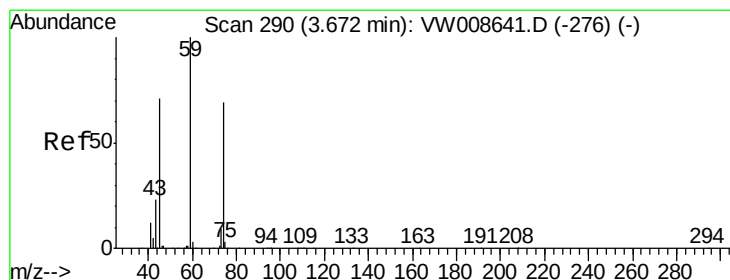
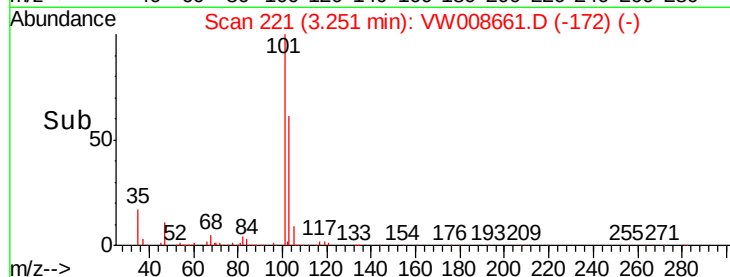
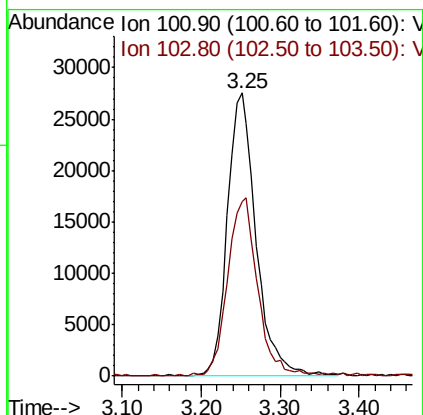
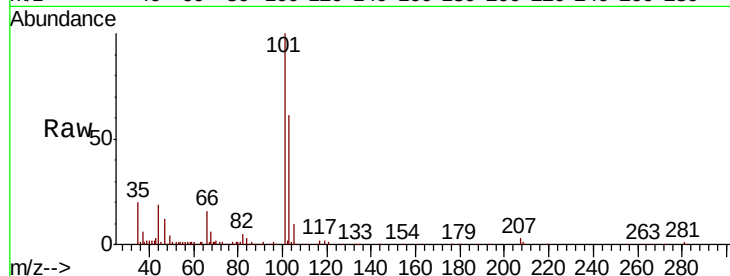


#7

Trichlorofluoromethane
Concen: 18.440 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

Instrument :
MSVOA_W
ClientSampleId :
VW0214SBS01

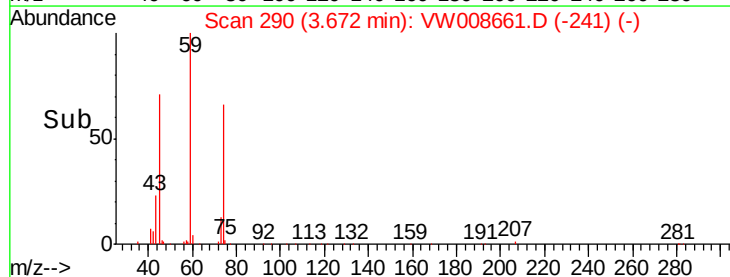
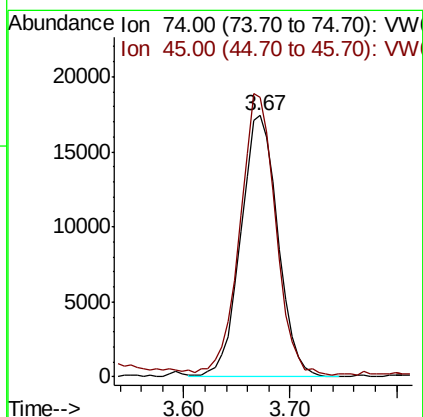
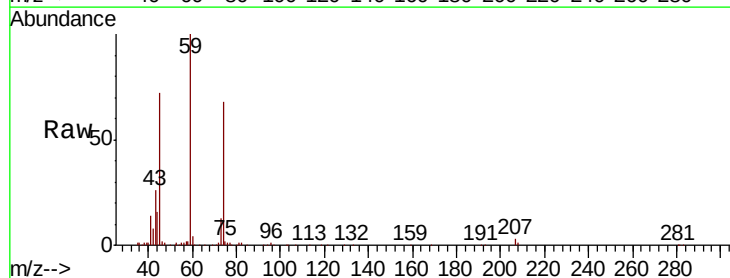
Tgt Ion:101 Resp: 69881
Ion Ratio Lower Upper
101 100
103 61.2 50.5 75.7

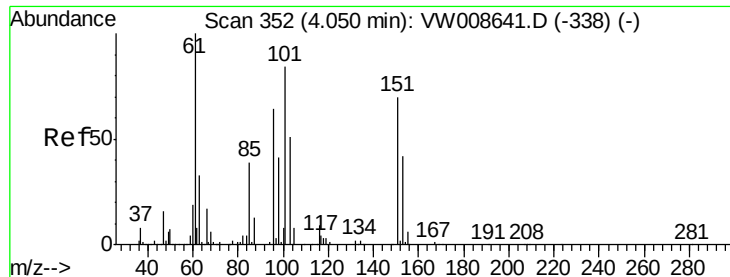


#8

Diethyl Ether
Concen: 18.873 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

Tgt Ion: 74 Resp: 42682
Ion Ratio Lower Upper
74 100
45 103.0 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.955 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW0214SBS01

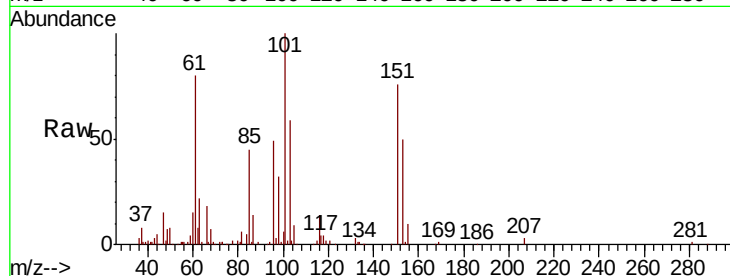
Tgt Ion:101 Resp: 87927

Ion Ratio Lower Upper

101 100

85 44.1 34.3 51.5

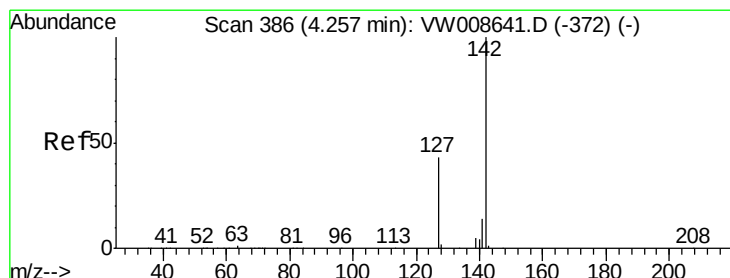
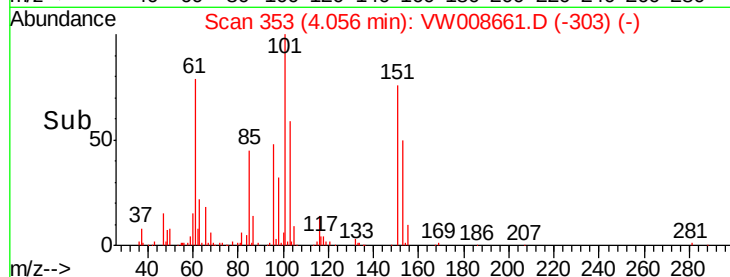
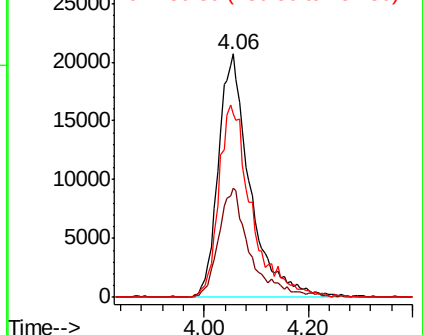
151 81.8 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.843 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.01 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

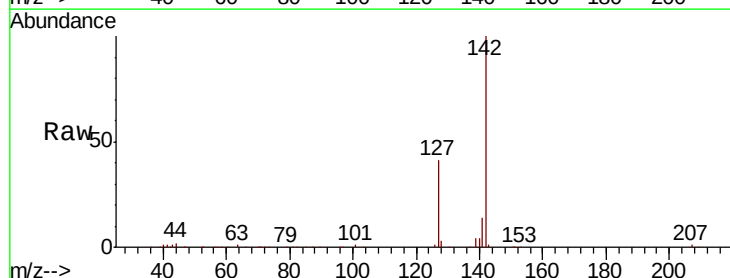
Tgt Ion:142 Resp: 130287

Ion Ratio Lower Upper

142 100

127 44.6 34.8 52.2

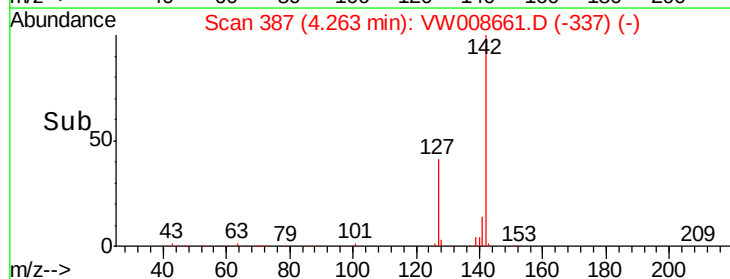
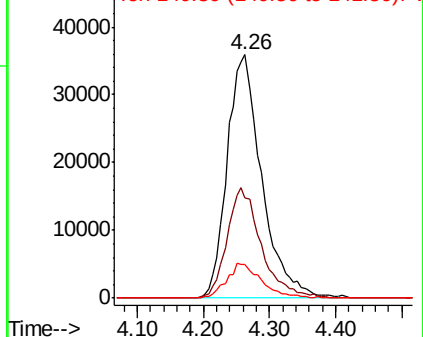
141 14.4 11.8 17.8

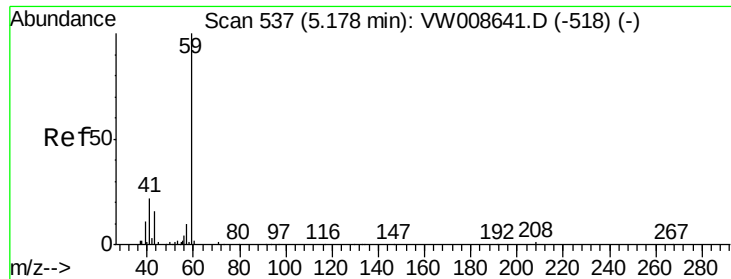


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

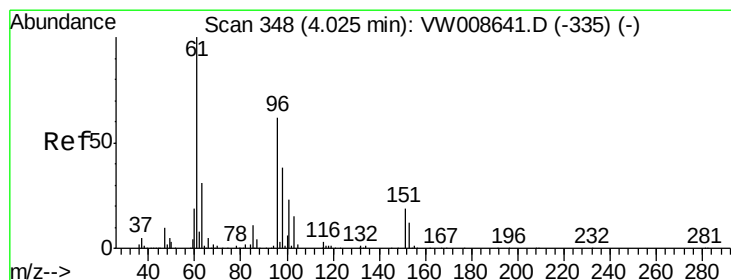
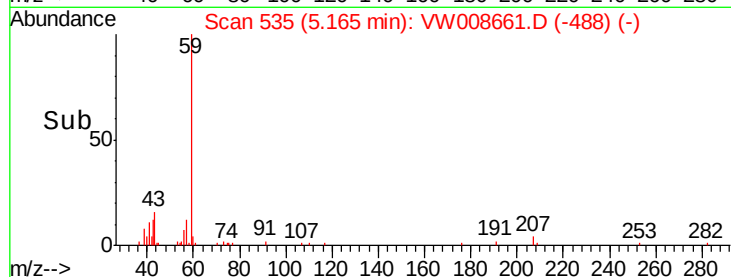
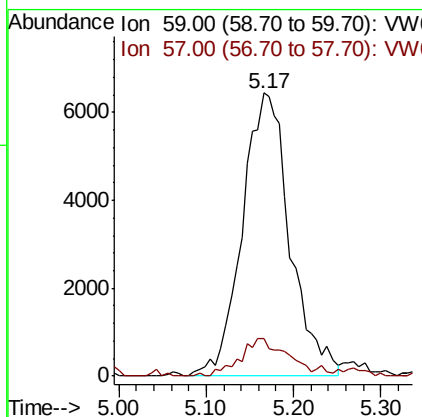
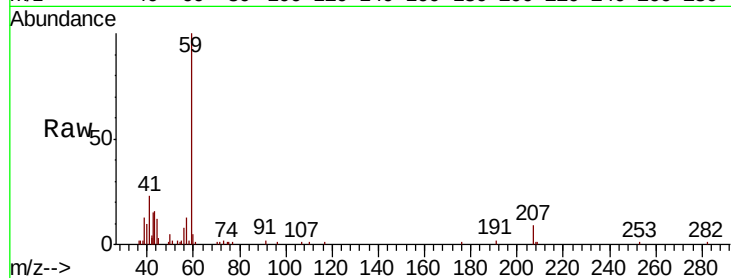




#11
Tert butyl alcohol
Concen: 73.106 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

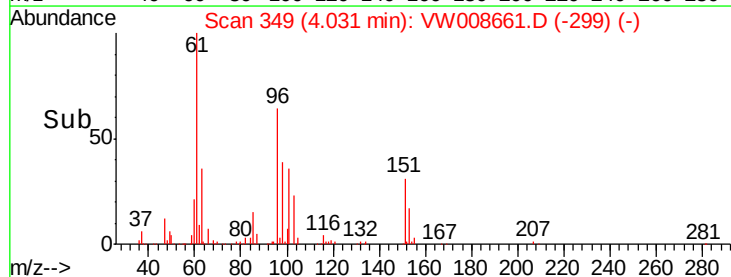
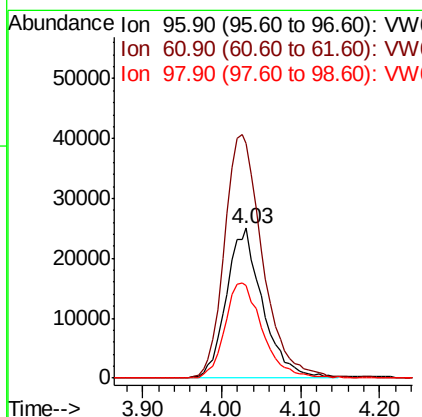
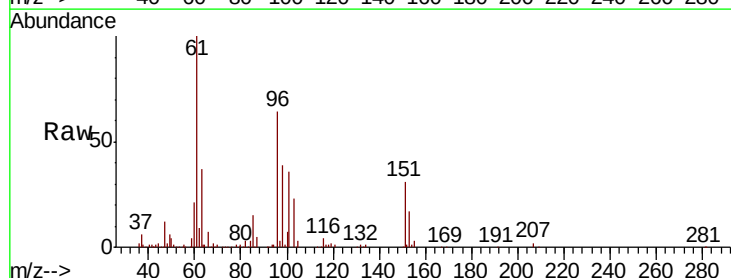
Instrument :
MSVOA_W
ClientSampleId :
VW0214SBS01

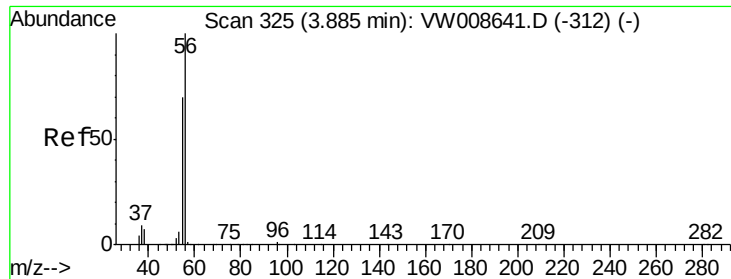
Tgt Ion: 59 Resp: 24396
Ion Ratio Lower Upper
59 100
57 12.7 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 20.299 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.01 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

Tgt Ion: 96 Resp: 79503
Ion Ratio Lower Upper
96 100
61 157.1 129.8 194.6
98 62.1 49.3 73.9





#13

Acrolein

Concen: 91.307 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampled :

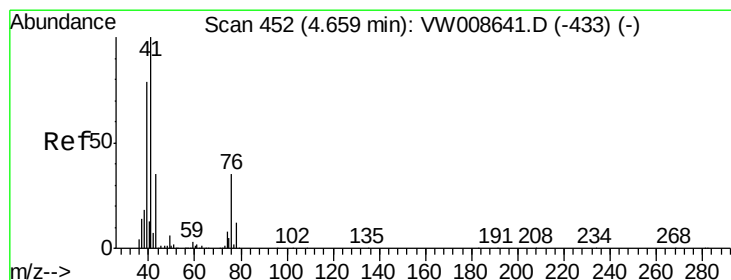
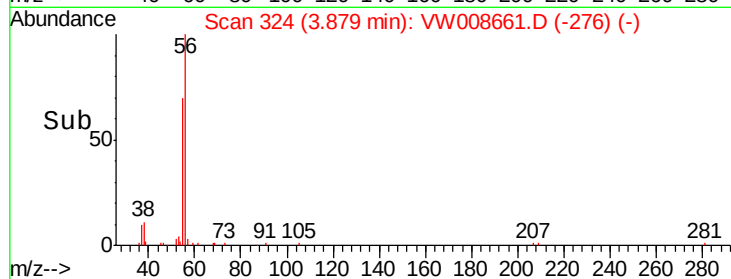
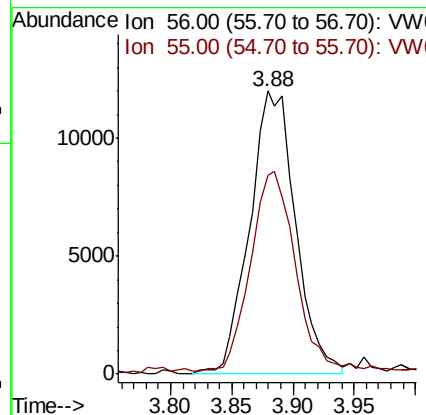
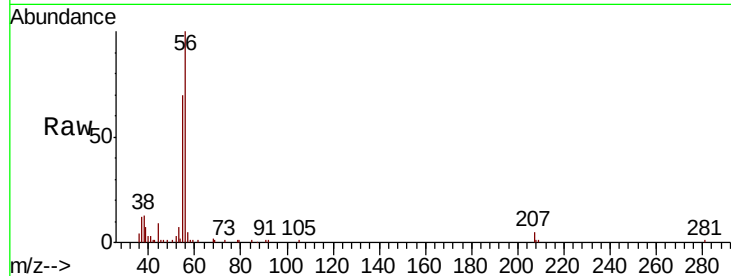
VW0214SBS01

Tgt Ion: 56 Resp: 31393

Ion Ratio Lower Upper

56 100

55 68.7 57.4 86.2



#14

Allyl chloride

Concen: 20.356 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

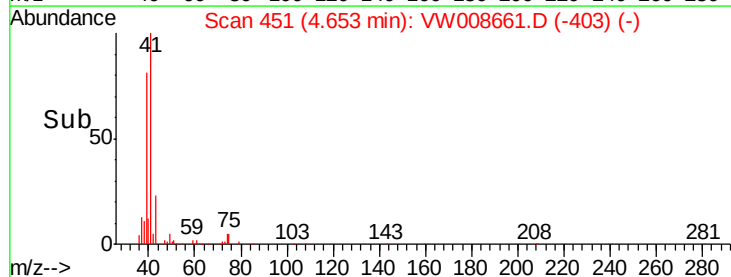
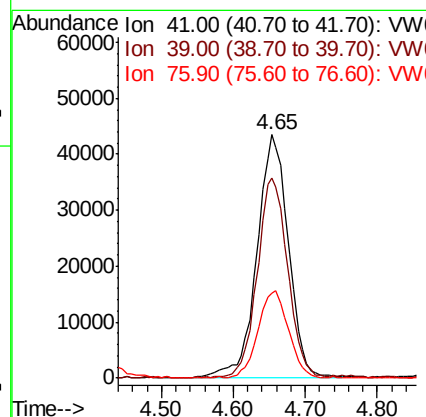
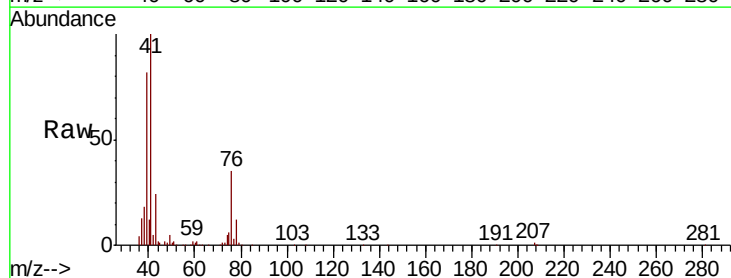
Tgt Ion: 41 Resp: 132458

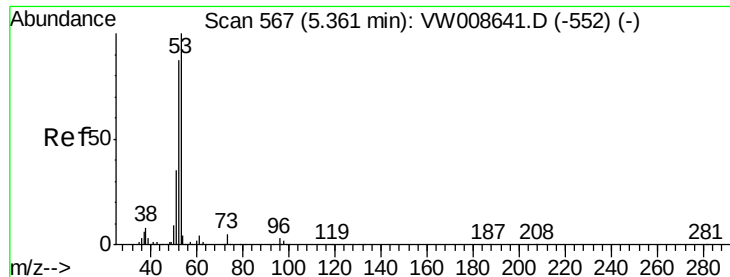
Ion Ratio Lower Upper

41 100

39 78.8 61.7 92.5

76 35.0 27.7 41.5





#15

Acrylonitrile

Concen: 86.820 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW0214SBS01

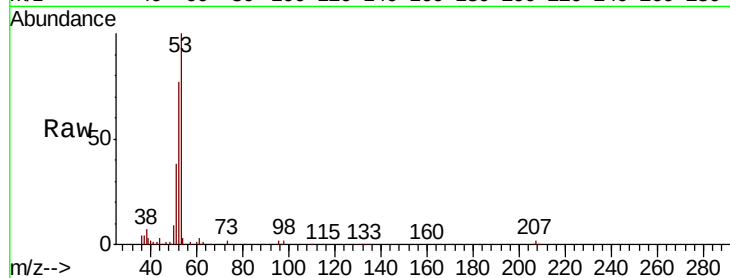
Tgt Ion: 53 Resp: 82643

Ion Ratio Lower Upper

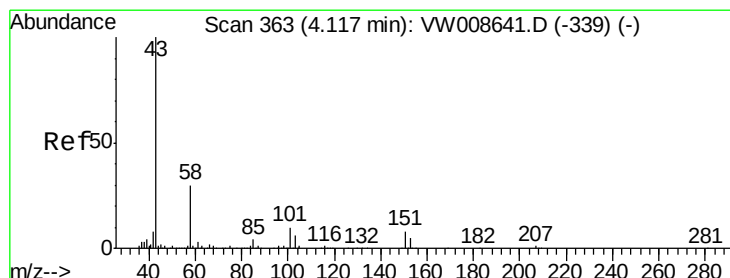
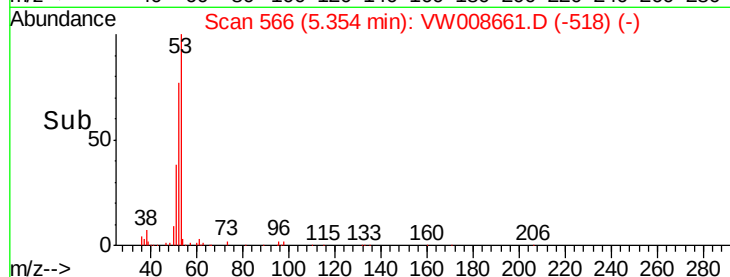
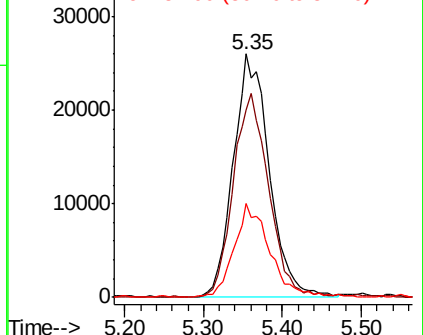
53 100

52 82.2 66.8 100.2

51 38.1 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 84.098 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008661.D

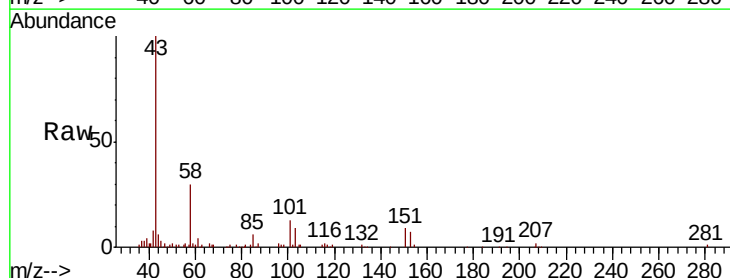
Acq: 14 Feb 2019 13:00

Tgt Ion: 43 Resp: 79818

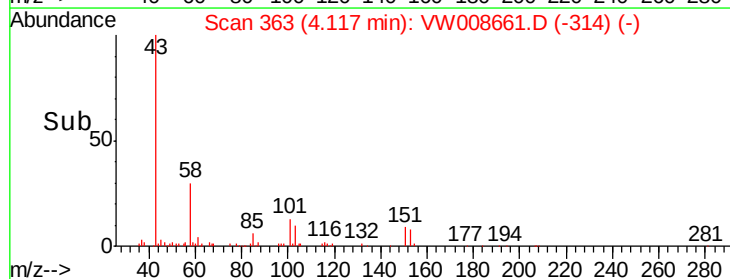
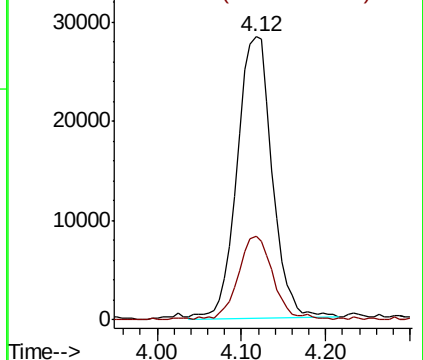
Ion Ratio Lower Upper

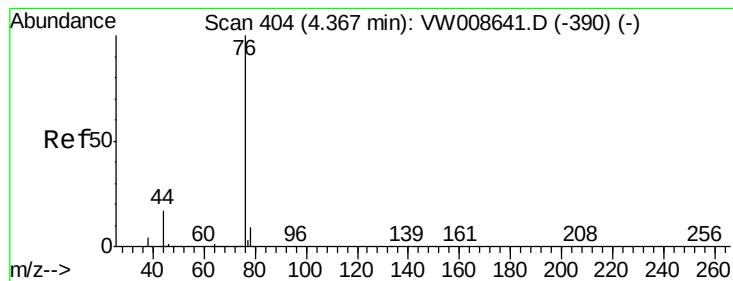
43 100

58 29.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 20.911 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

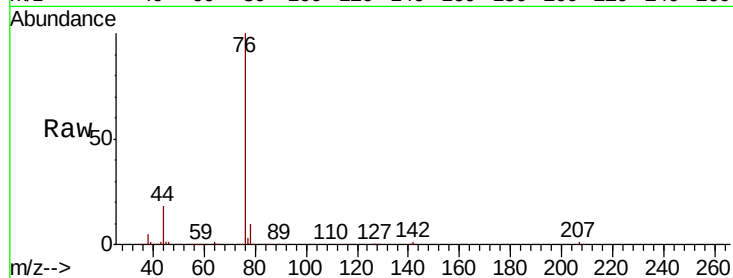
VW0214SBS01

Tgt Ion: 76 Resp: 247164

Ion Ratio Lower Upper

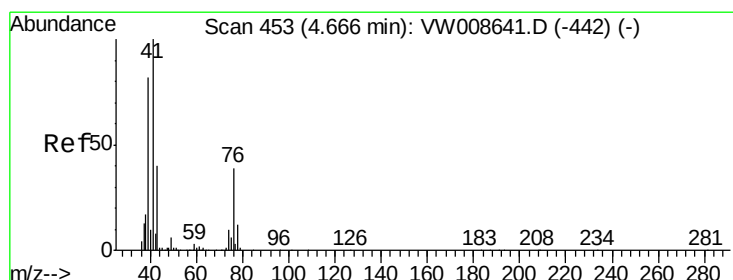
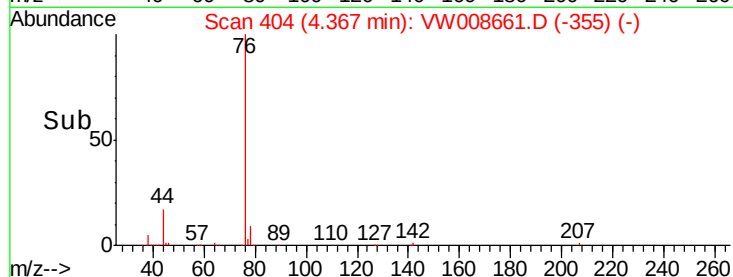
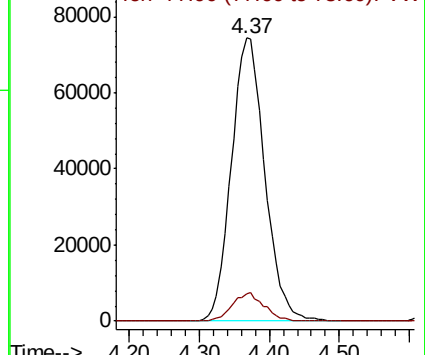
76 100

78 9.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 15.545 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008661.D

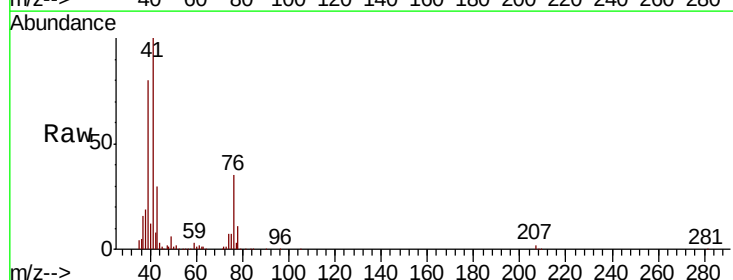
Acq: 14 Feb 2019 13:00

Tgt Ion: 43 Resp: 33713

Ion Ratio Lower Upper

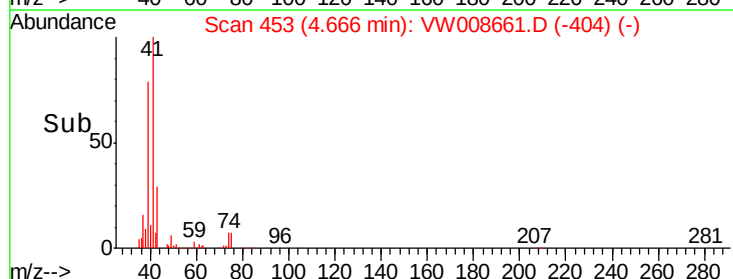
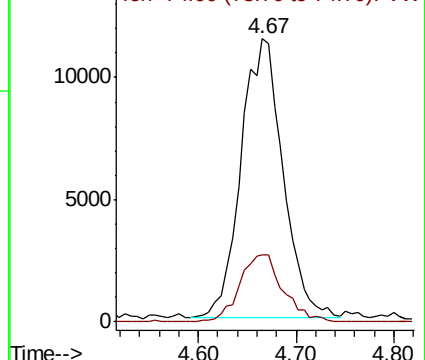
43 100

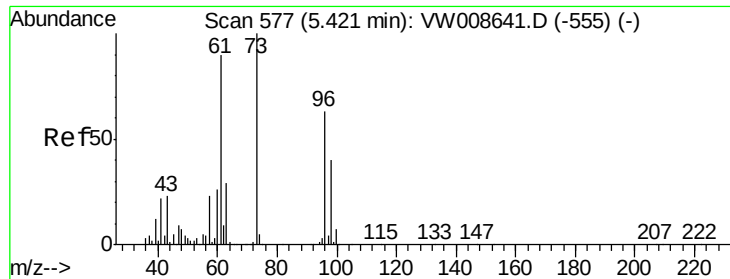
74 25.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

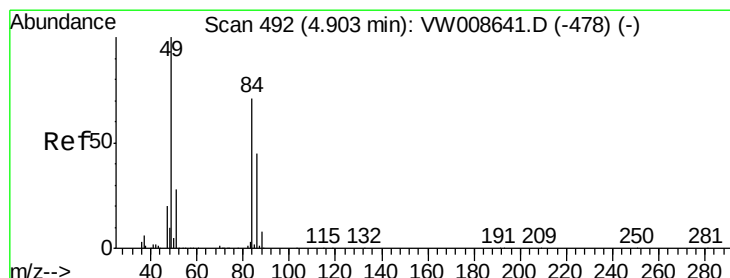
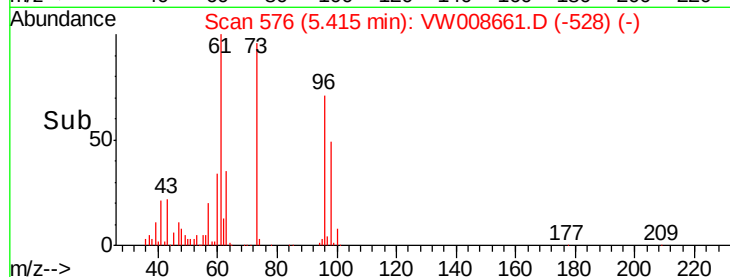
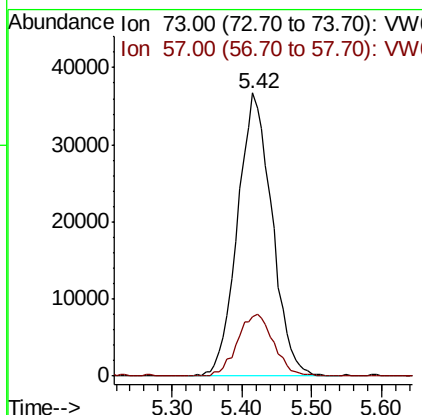
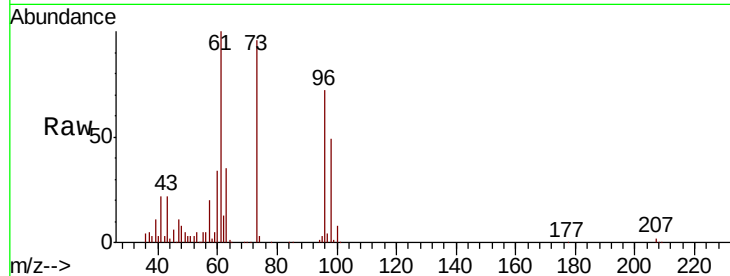




#19
Methyl tert-butyl Ether
Concen: 18.250 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

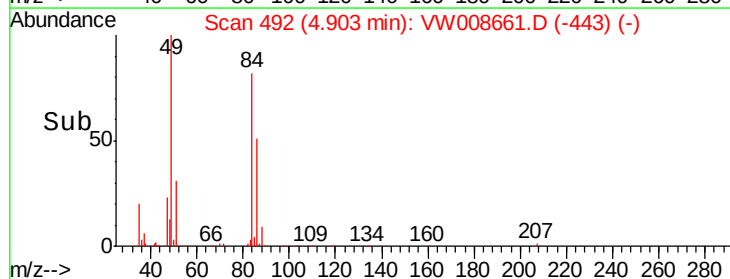
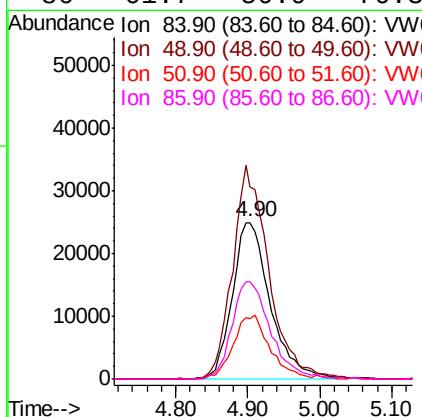
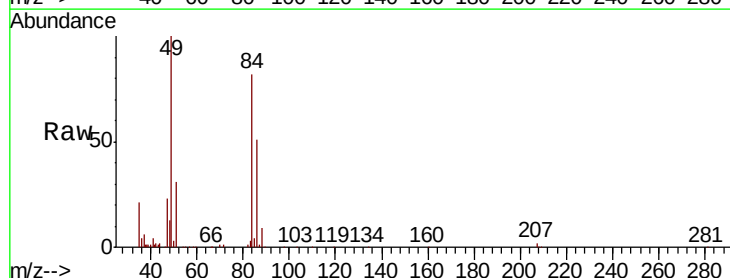
Instrument :
MSVOA_W
ClientSampleId :
VW0214SBS01

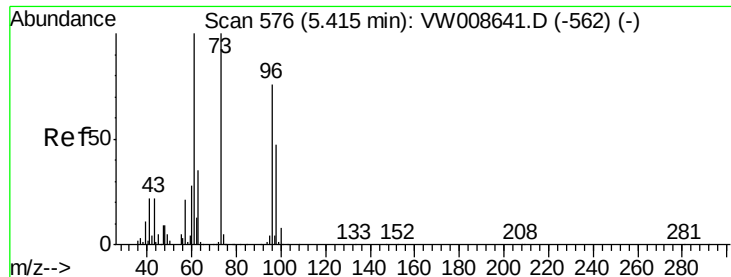
Tgt Ion: 73 Resp: 125481
Ion Ratio Lower Upper
73 100
57 21.2 18.2 27.2



#20
Methylene Chloride
Concen: 17.054 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

Tgt Ion: 84 Resp: 91247
Ion Ratio Lower Upper
84 100
49 122.0 113.3 169.9
51 38.4 32.1 48.1
86 61.7 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 20.430 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW0214SBS01

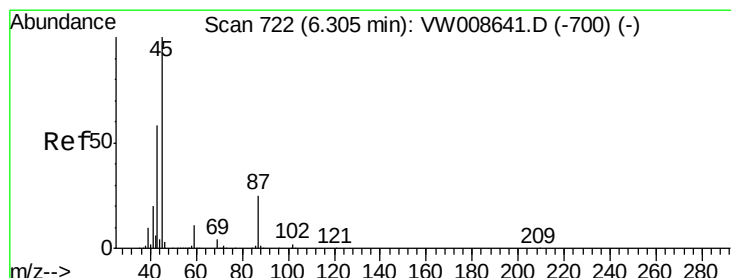
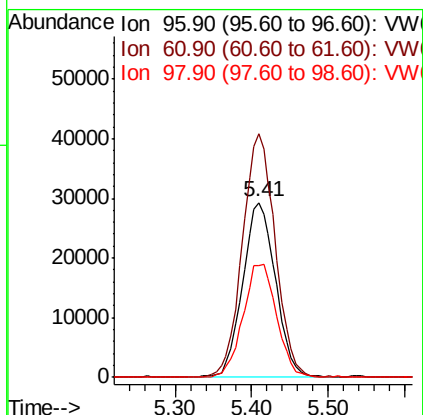
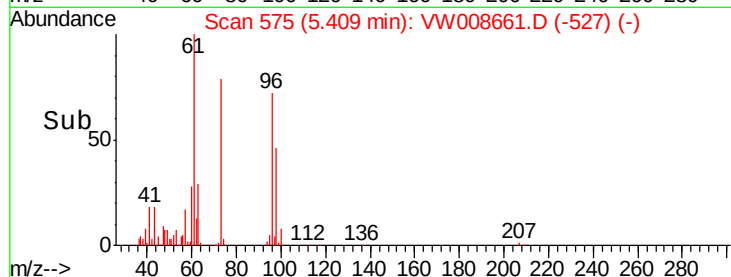
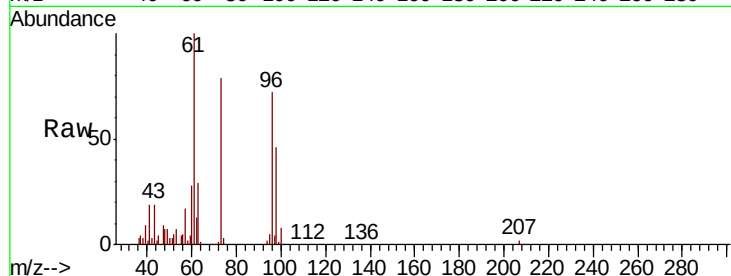
Tgt Ion: 96 Resp: 87628

Ion Ratio Lower Upper

96 100

61 139.1 105.9 158.9

98 64.0 49.8 74.6



#22

Diisopropyl ether

Concen: 19.254 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Tgt Ion: 45 Resp: 252169

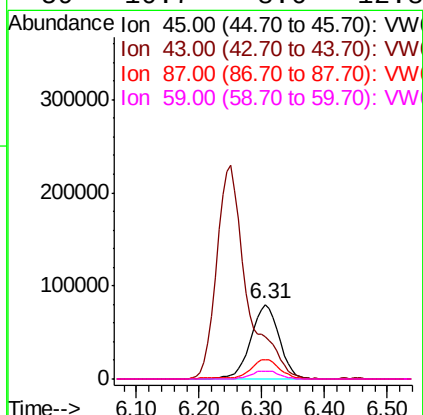
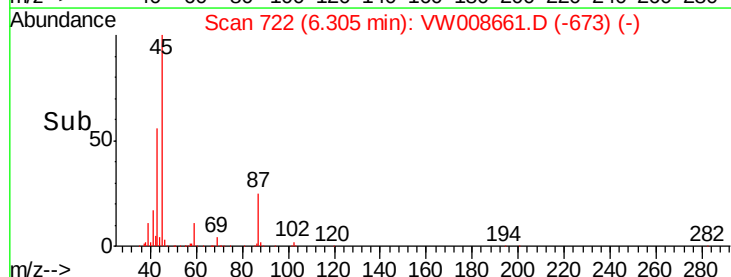
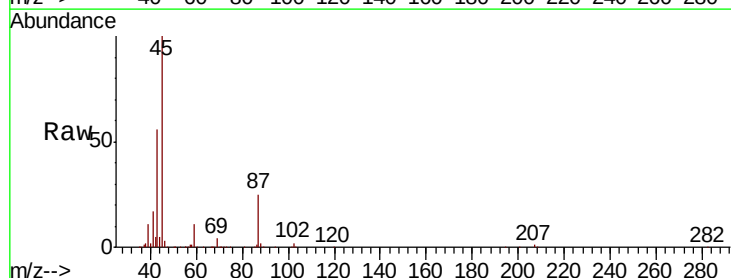
Ion Ratio Lower Upper

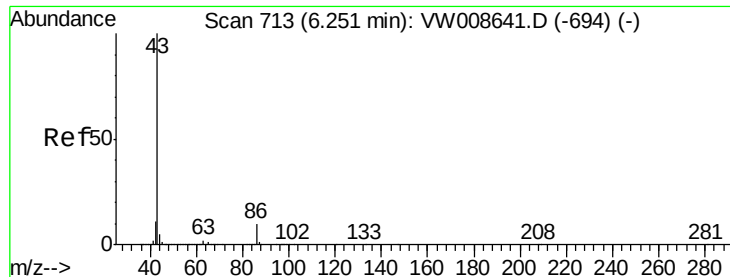
45 100

43 55.7 46.1 69.1

87 25.2 20.5 30.7

59 10.7 8.6 12.8

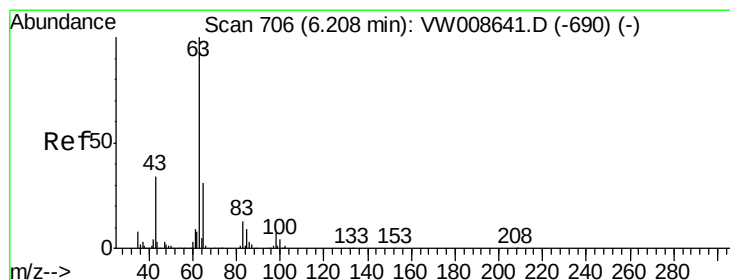
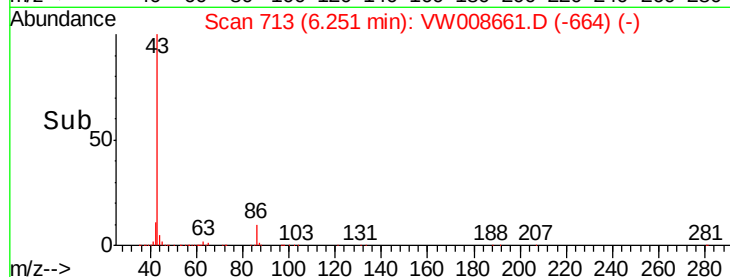
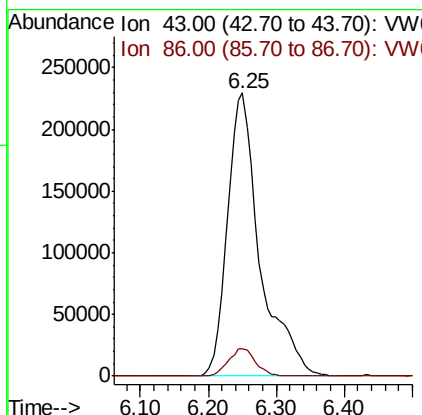
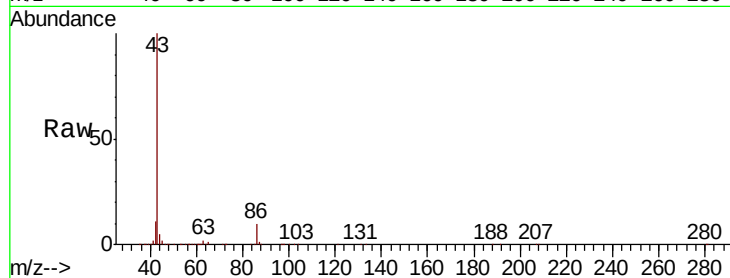




#23
 Vinyl Acetate
 Concen: 89.160 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

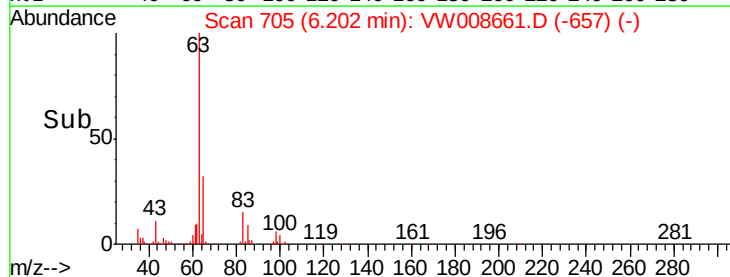
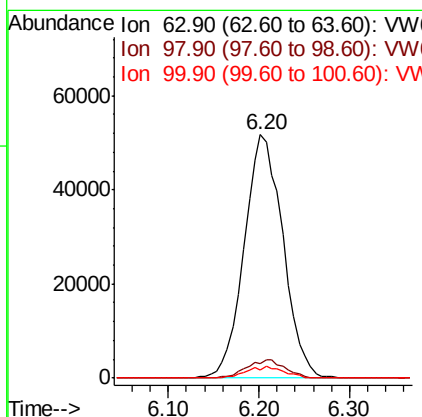
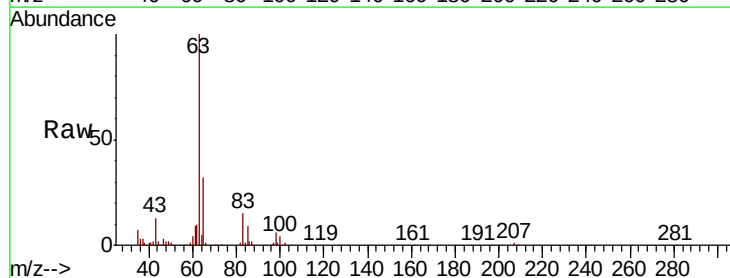
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0214SBS01

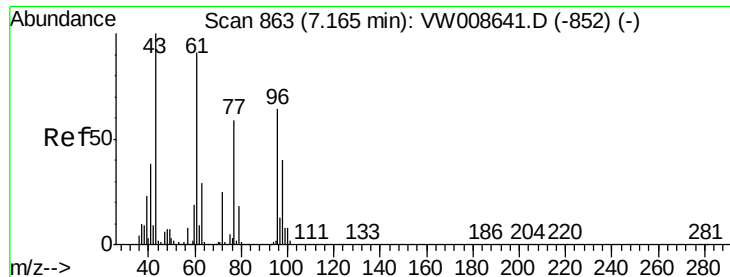
Tgt Ion: 43 Resp: 757867
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 20.208 ug/l
 RT: 6.20 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion: 63 Resp: 152720
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.6 10.8
 100 3.5 2.2 6.6





#25

2-Butanone

Concen: 81.029 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

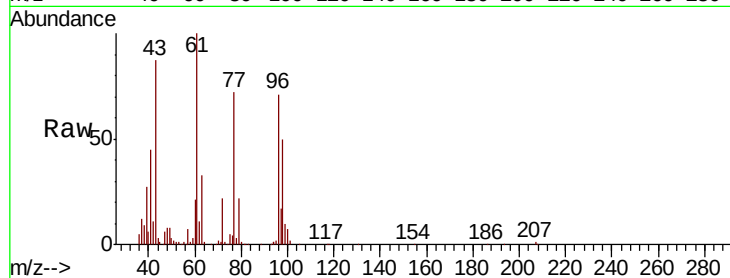
VW0214SBS01

Tgt Ion: 43 Resp: 108594

Ion Ratio Lower Upper

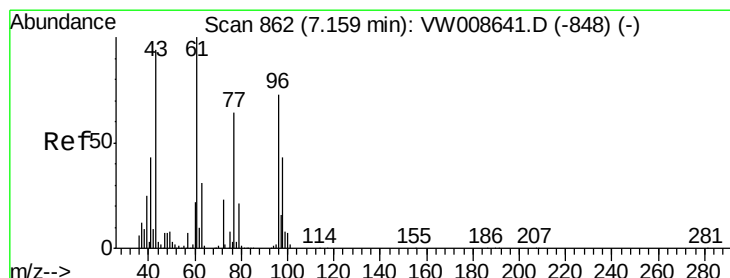
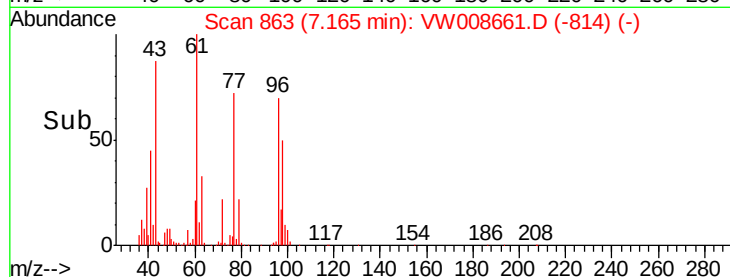
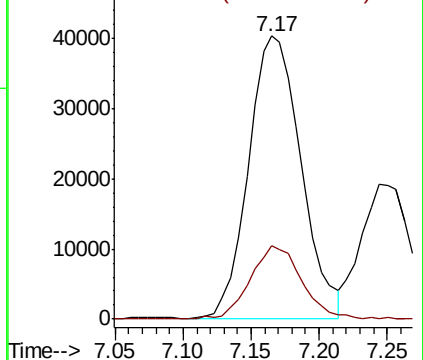
43 100

72 25.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 21.712 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW008661.D

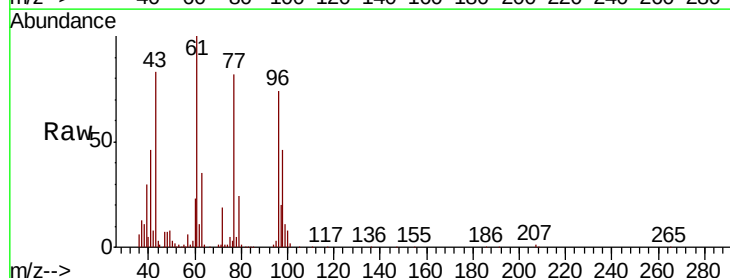
Acq: 14 Feb 2019 13:00

Tgt Ion: 77 Resp: 102508

Ion Ratio Lower Upper

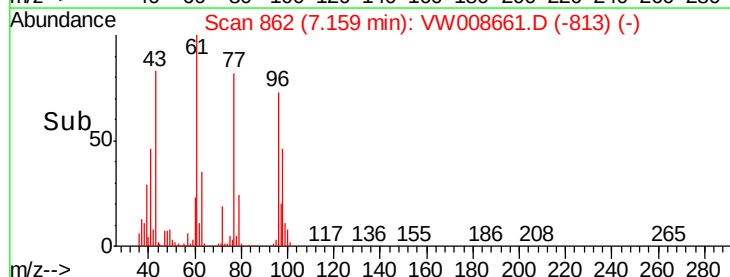
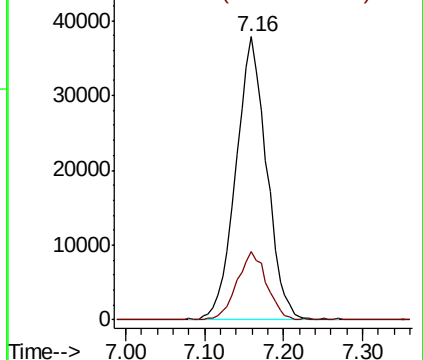
77 100

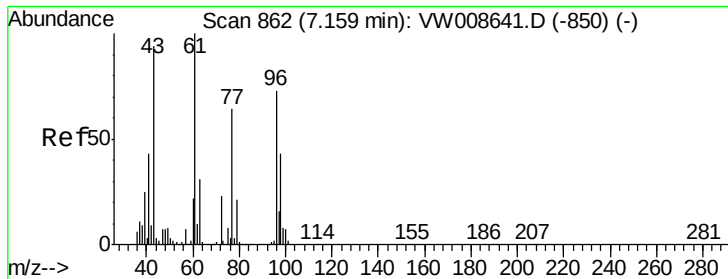
97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



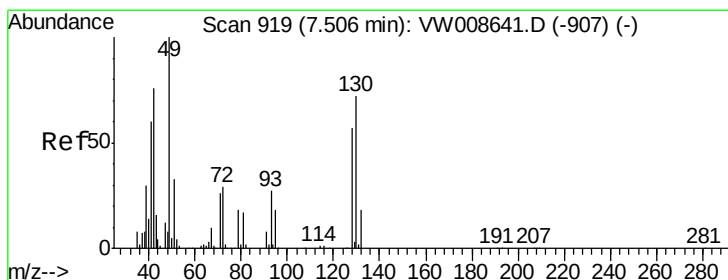
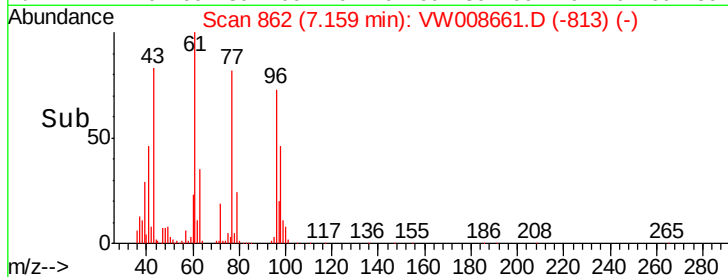
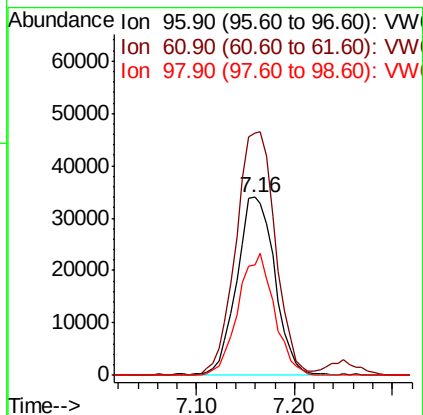
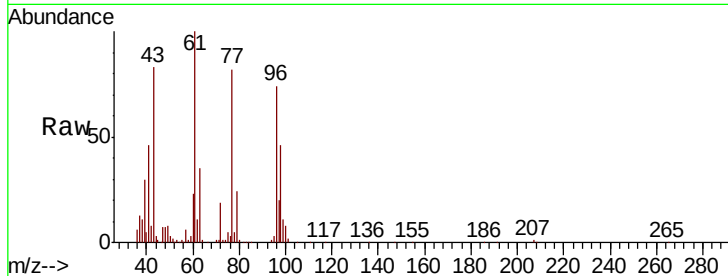


#27

cis-1,2-Dichloroethene
 Concen: 19.643 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

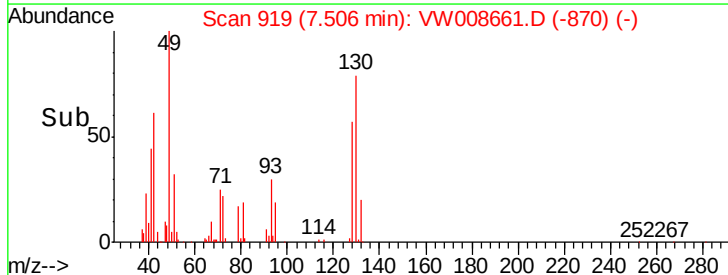
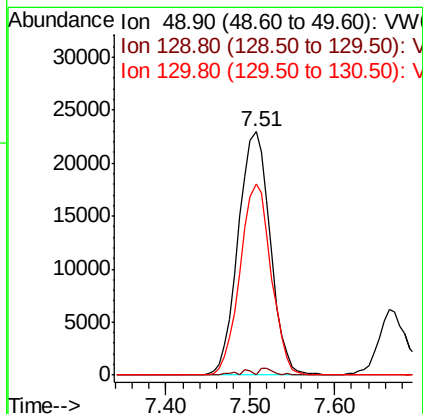
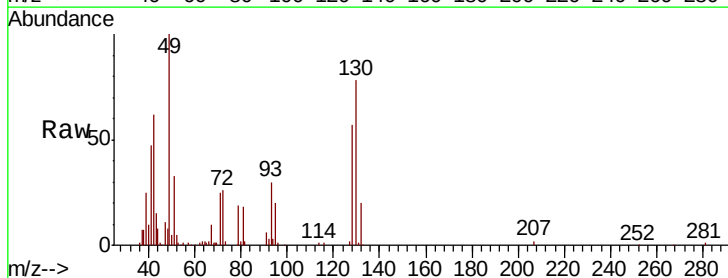
Tgt Ion: 96 Resp: 91104
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 286.4
 98 65.4 0.0 125.0

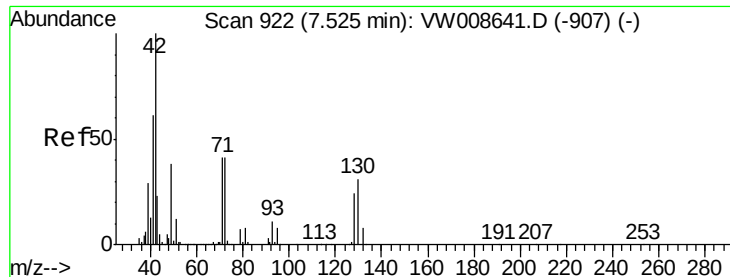


#28

Bromochloromethane
 Concen: 18.470 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion: 49 Resp: 58924
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.2
 130 76.2 59.4 89.0





#29

Tetrahydrofuran

Concen: 80.644 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW0214SBS01

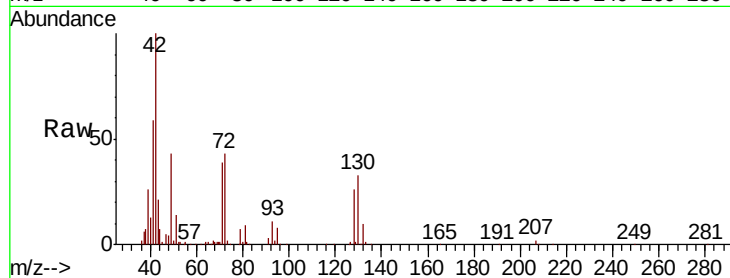
Tgt Ion: 42 Resp: 71236

Ion Ratio Lower Upper

42 100

72 40.3 32.2 48.2

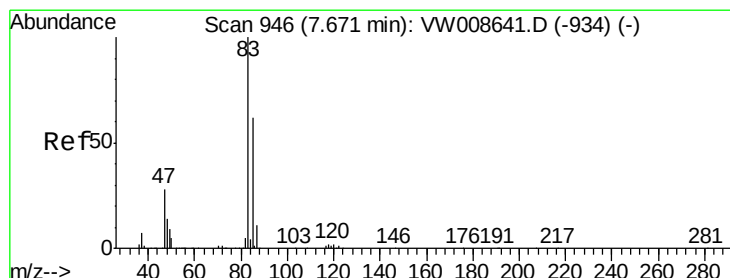
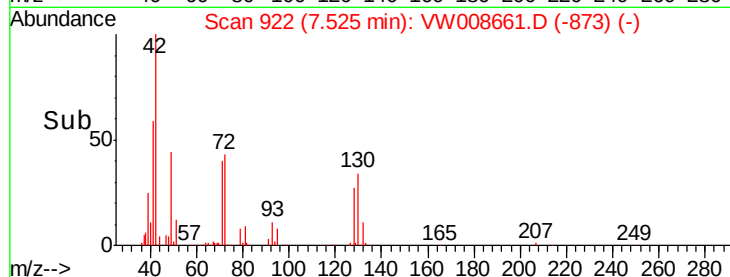
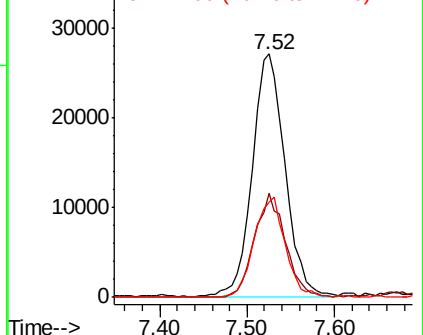
71 38.9 31.0 46.6



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: 19.955 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW008661.D

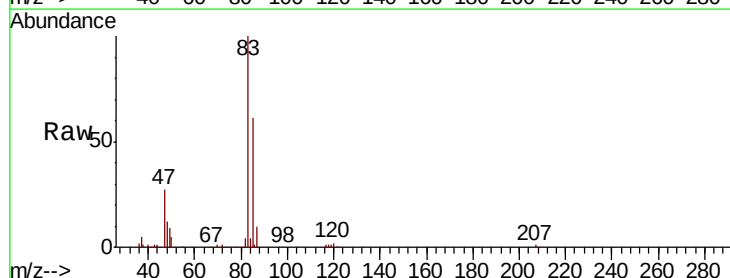
Acq: 14 Feb 2019 13:00

Tgt Ion: 83 Resp: 151112

Ion Ratio Lower Upper

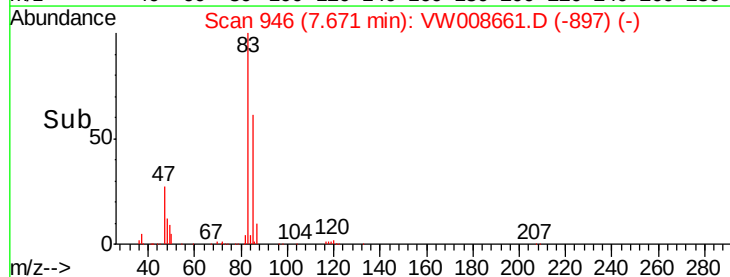
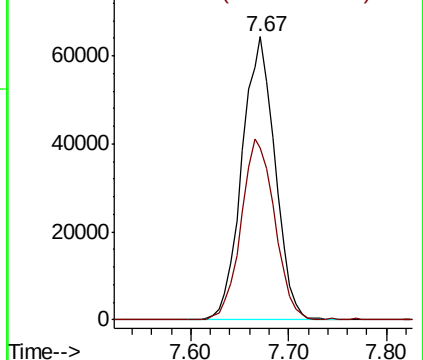
83 100

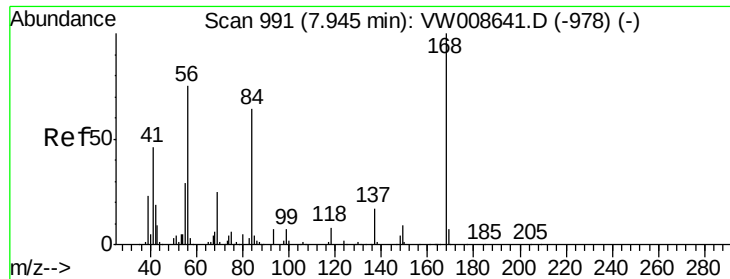
85 60.9 49.8 74.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

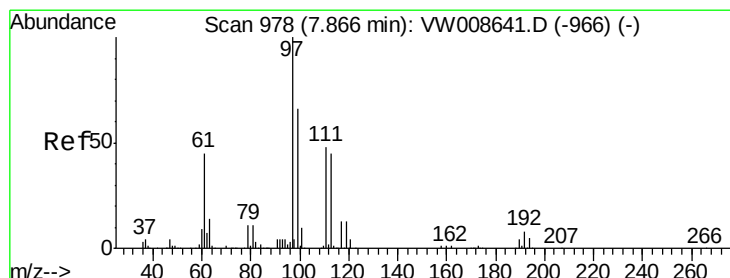
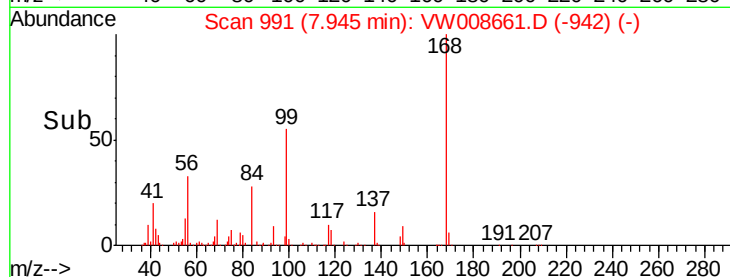
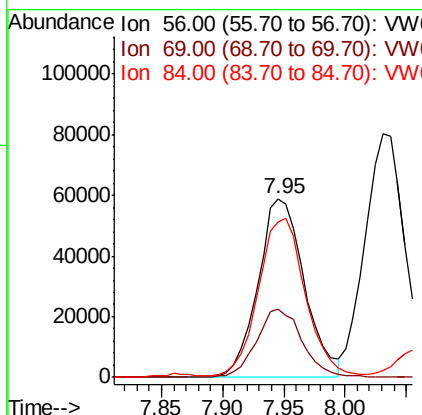
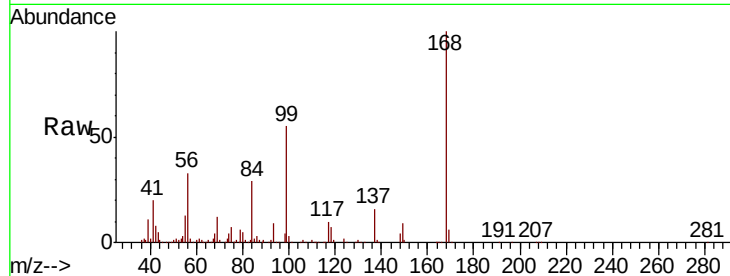




#31
Cyclohexane
Concen: 20.326 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

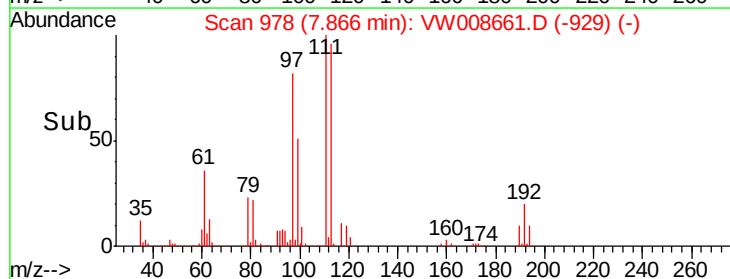
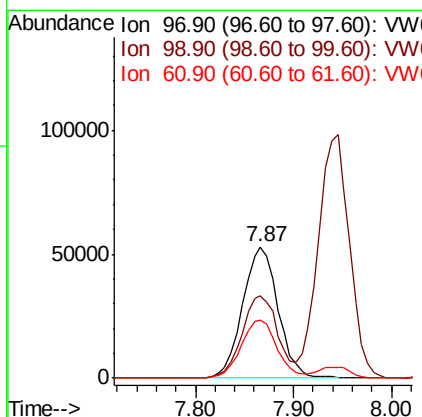
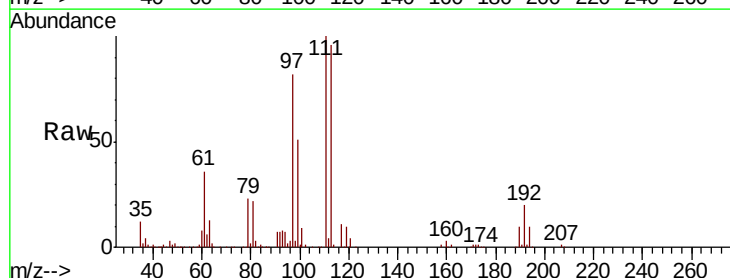
Instrument :
MSVOA_W
ClientSampleId :
VW0214SBS01

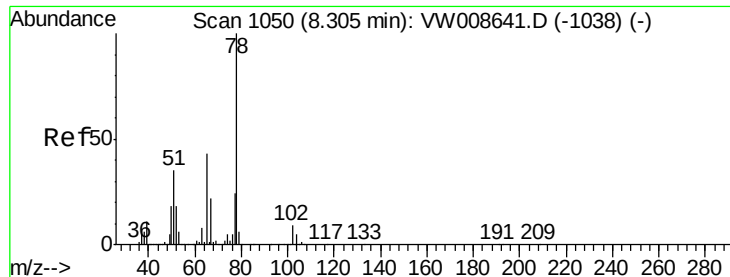
Tgt Ion: 56 Resp: 155048
Ion Ratio Lower Upper
56 100
69 38.1 26.4 39.6
84 85.7 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 20.853 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

Tgt Ion: 97 Resp: 133360
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 45.0 35.8 53.6

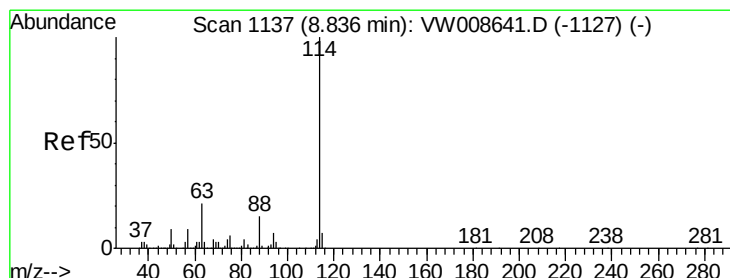
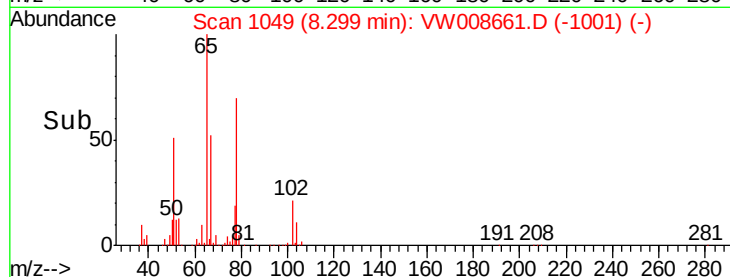
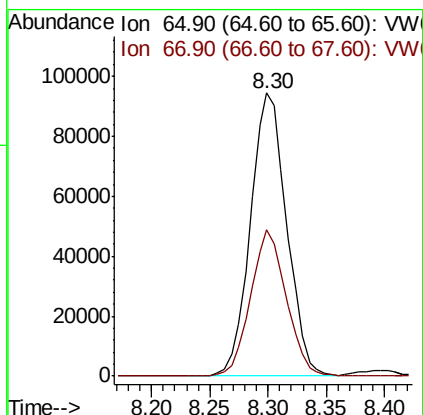
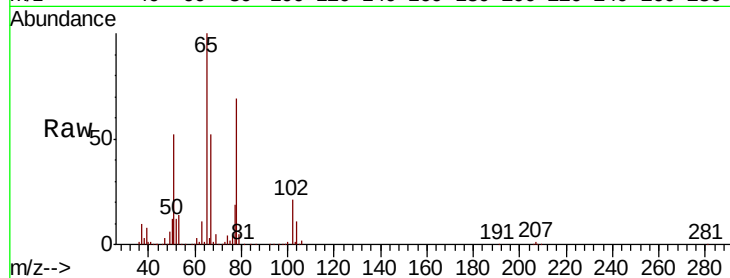




#33
 1,2-Dichloroethane-d4
 Concen: 48.813 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

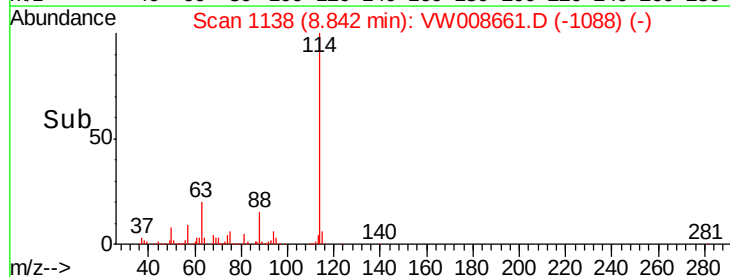
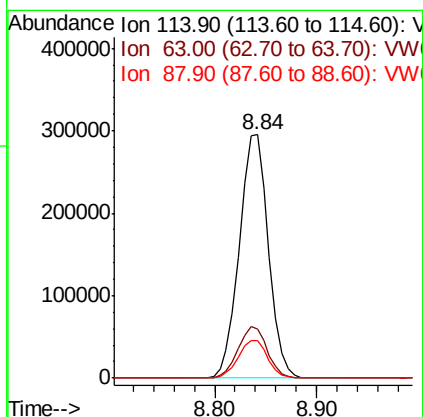
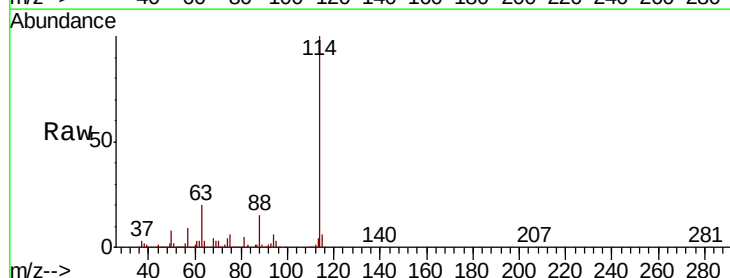
Instrument :
 MSVOA_W
 ClientSampled :
 VW0214SBS01

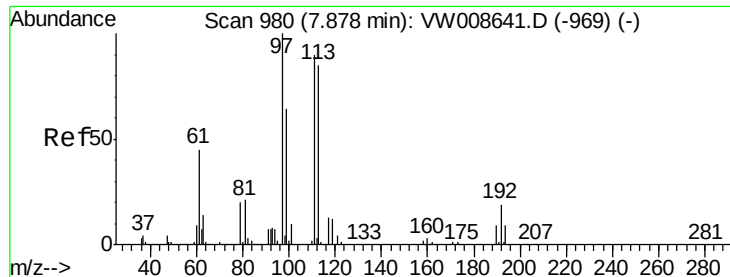
Tgt Ion: 65 Resp: 203593
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion: 114 Resp: 583256
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.2
 88 15.4 0.0 29.6

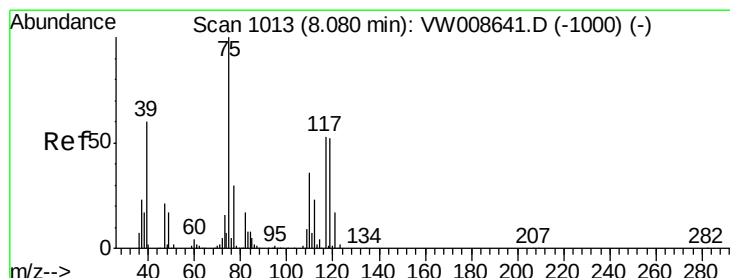
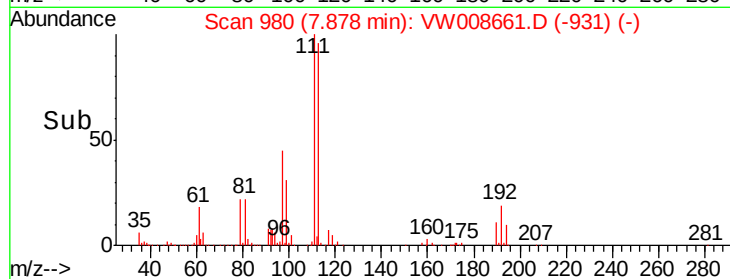
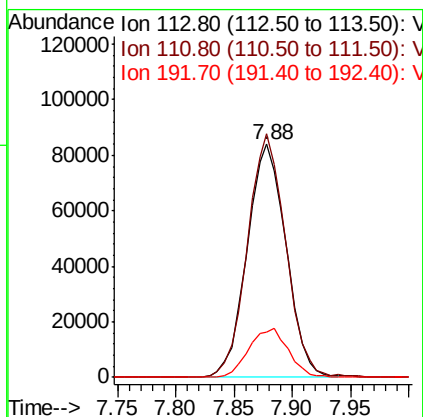
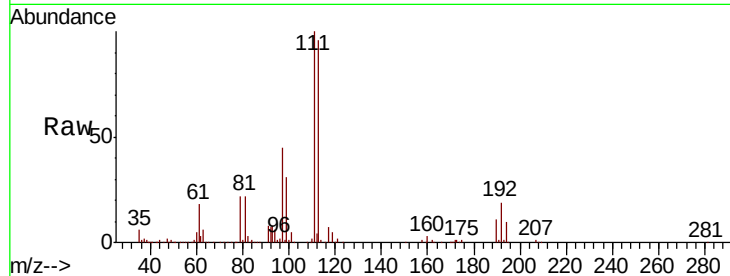




#35
 Dibromofluoromethane
 Concen: 54.085 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

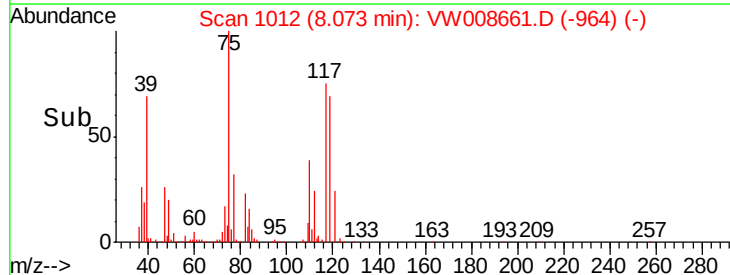
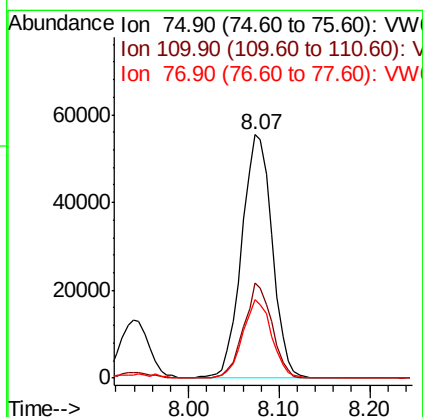
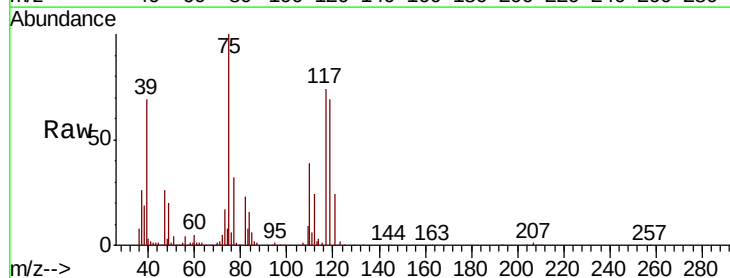
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

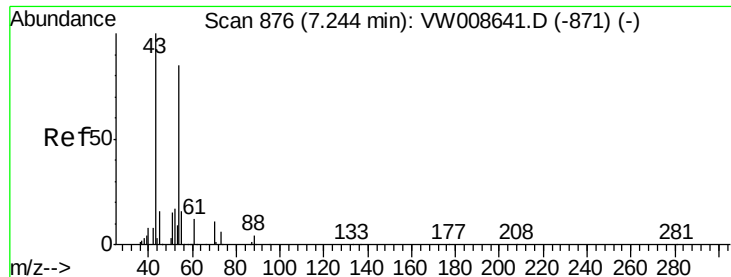
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	84.0	126.0
192	21.3	17.4	26.2



#36
 1,1-Dichloropropene
 Concen: 22.045 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.3
77	30.8	24.7	37.1

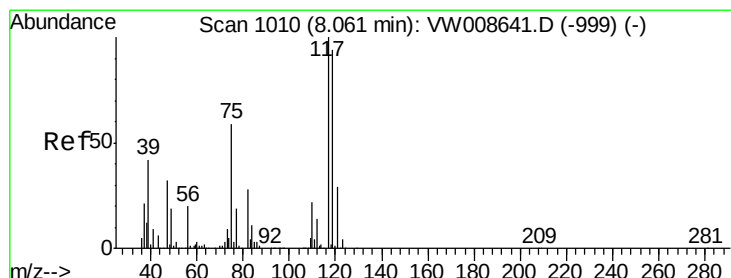
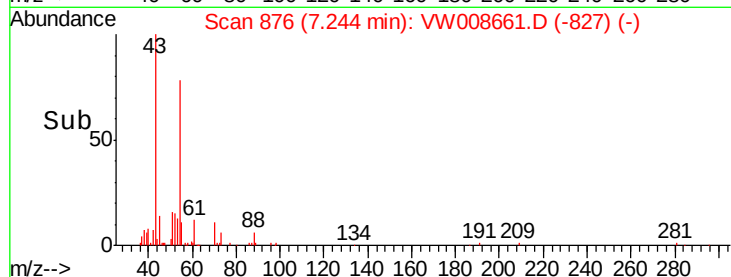
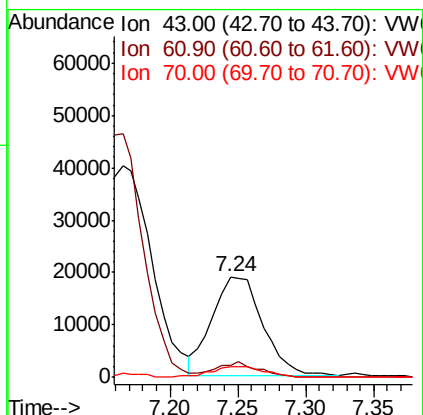
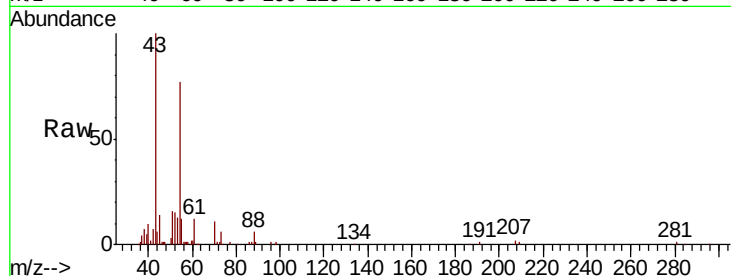




#37
Ethyl Acetate
Concen: 17.383 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

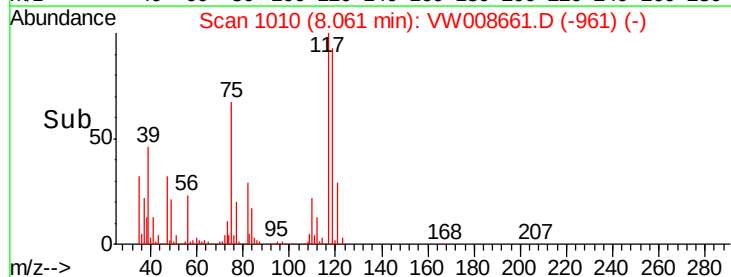
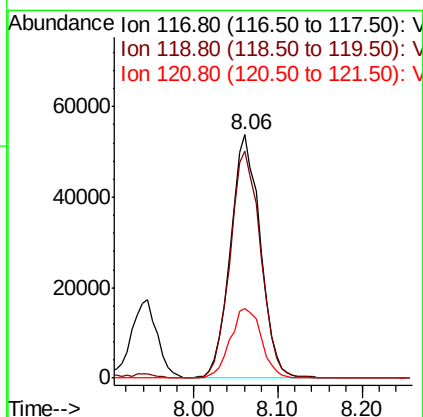
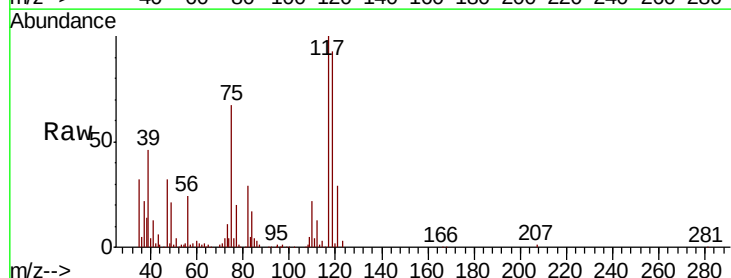
Instrument :
MSVOA_W
ClientSampleId :
VW0214SBS01

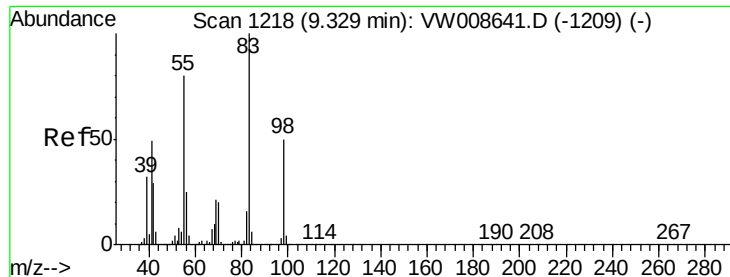
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.5	15.7
70	11.8	8.1	12.1



#38
Carbon Tetrachloride
Concen: 22.134 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.1	112.7
121	28.7	23.5	35.3

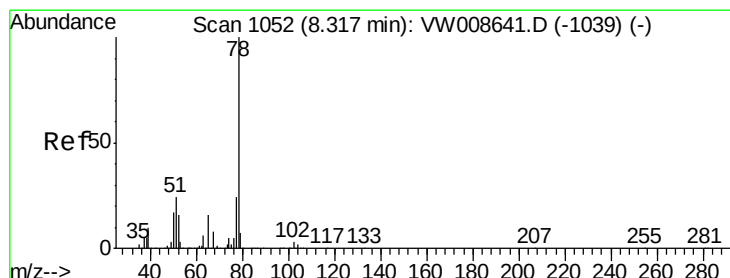
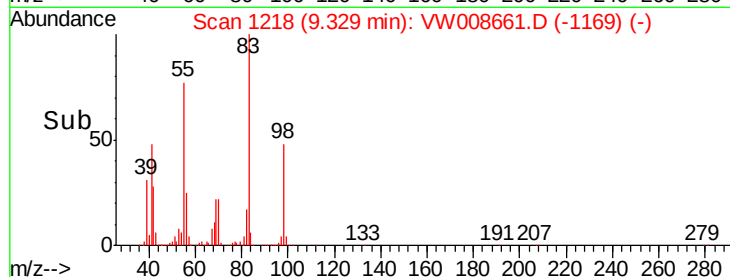
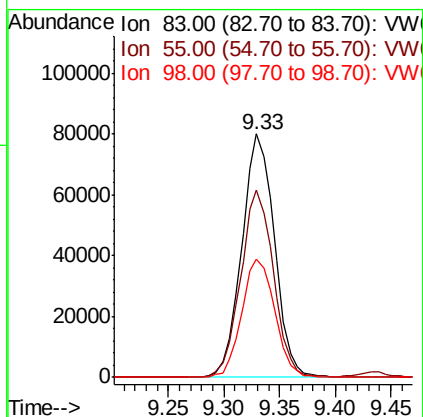
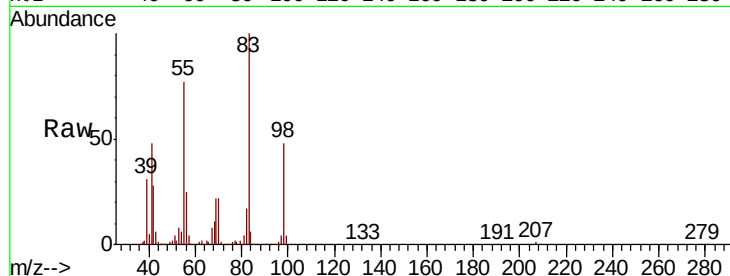




#39
Methylcyclohexane
Concen: 22.015 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

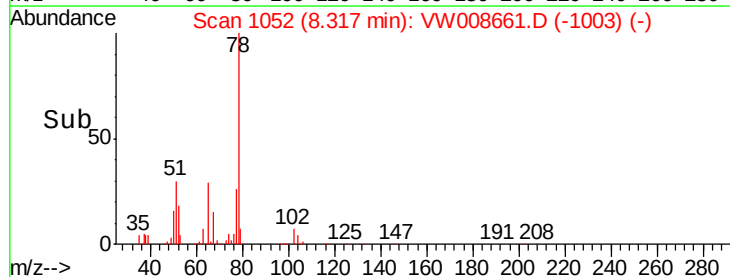
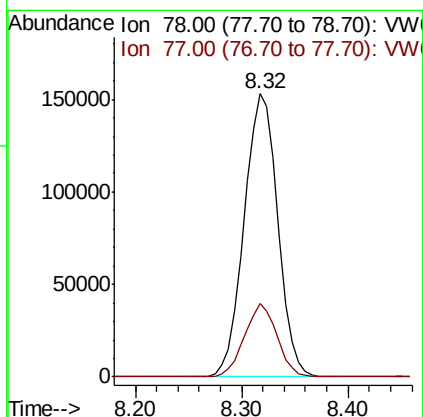
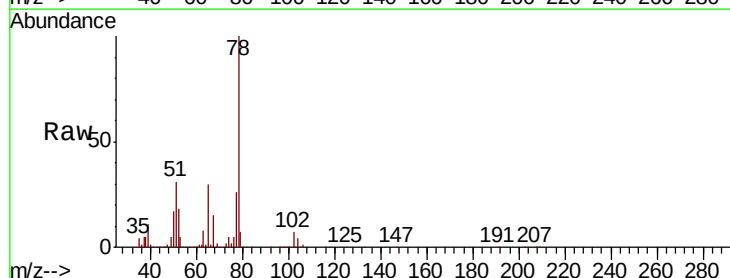
Instrument :
MSVOA_W
ClientSampled :
VW0214SBS01

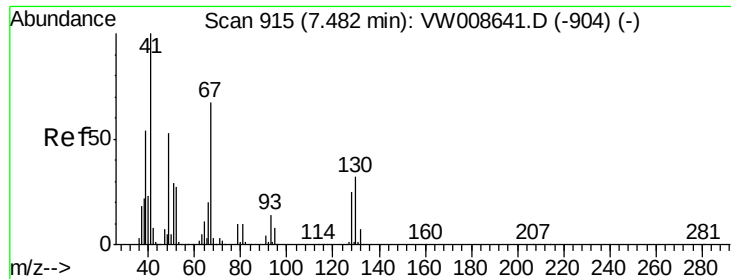
Tgt Ion: 83 Resp: 163166
Ion Ratio Lower Upper
83 100
55 76.6 63.9 95.9
98 48.4 40.2 60.2



#40
Benzene
Concen: 21.237 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

Tgt Ion: 78 Resp: 339865
Ion Ratio Lower Upper
78 100
77 25.8 19.5 29.3

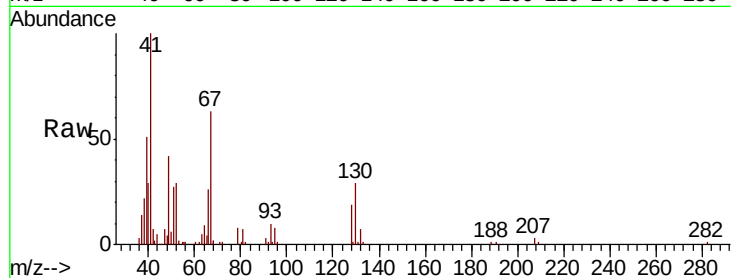




#41
Methacrylonitrile
Concen: 19.218 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

Instrument :
MSVOA_W
ClientSampleId :
VW0214SBS01

Tgt Ion:	41	Resp:	30564
Ion	Ratio	Lower	Upper
41	100		
39	55.9	39.7	59.5
67	67.1	52.5	78.7
52	31.5	23.1	34.7



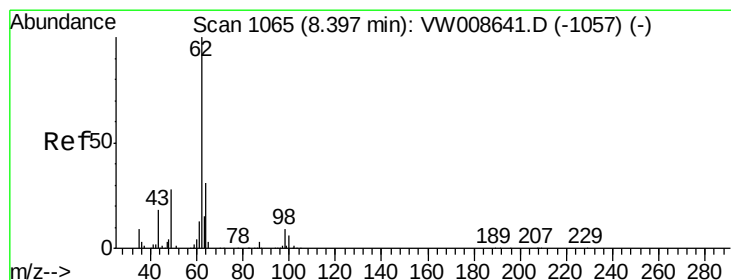
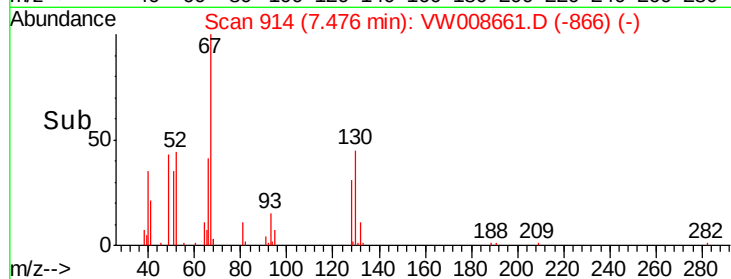
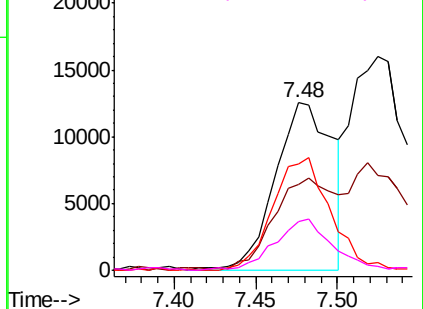
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

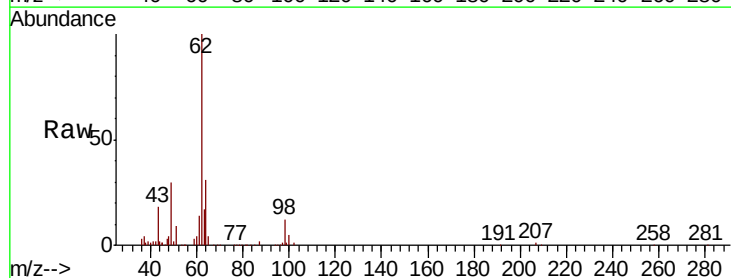
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.172 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

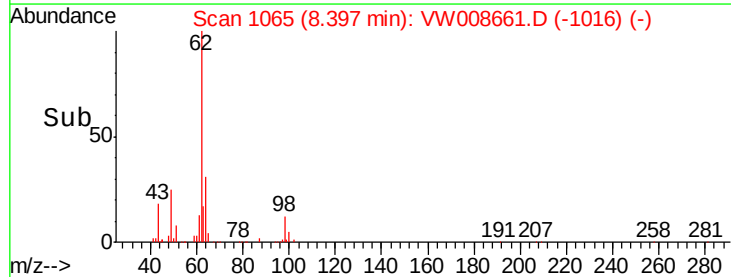
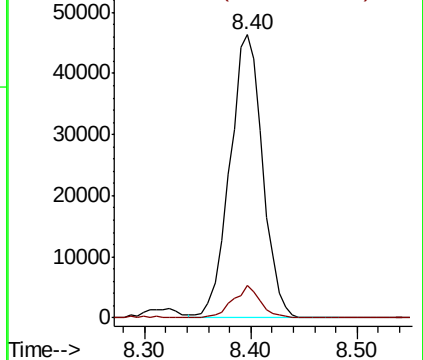
Tgt Ion:	62	Resp:	100135
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2

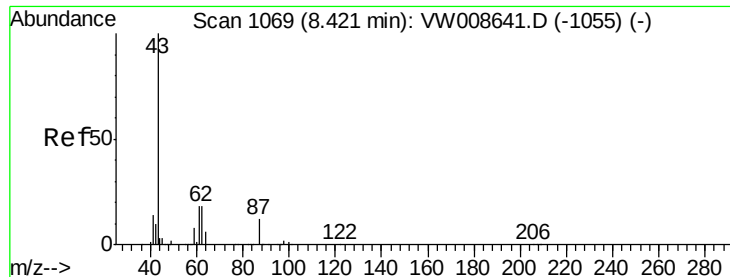


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 17.743 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW0214SBS01

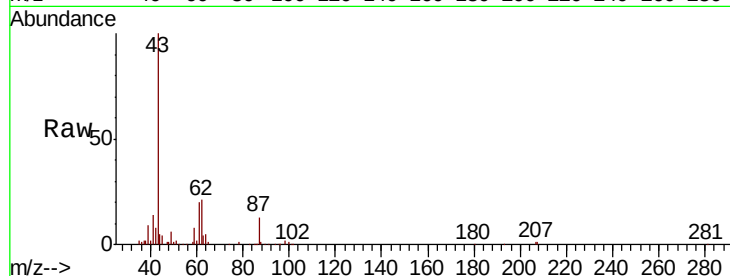
Tgt Ion: 43 Resp: 100007

Ion Ratio Lower Upper

43 100

61 29.2 21.4 32.2

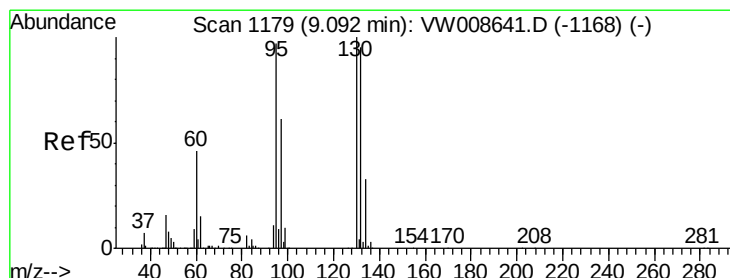
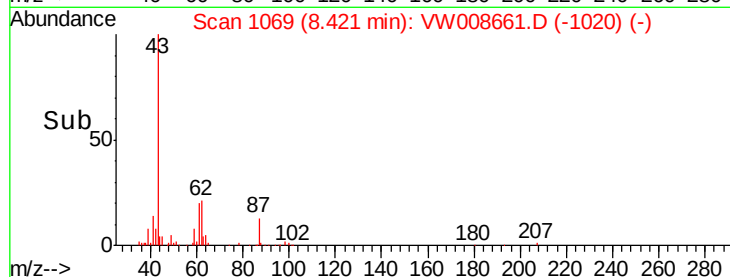
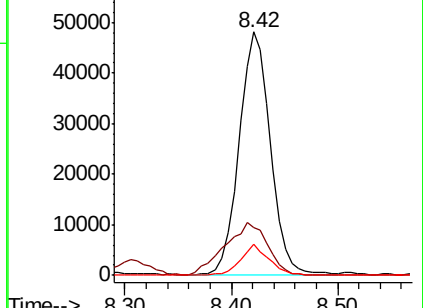
87 11.4 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.986 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008661.D

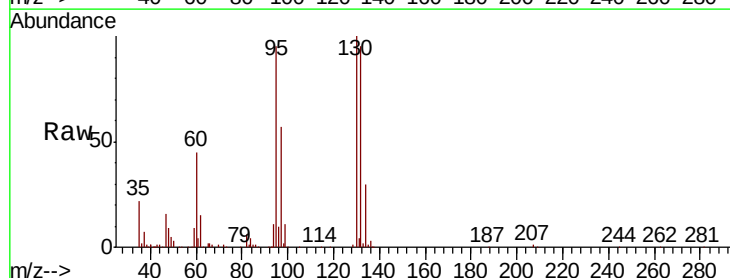
Acq: 14 Feb 2019 13:00

Tgt Ion: 130 Resp: 97559

Ion Ratio Lower Upper

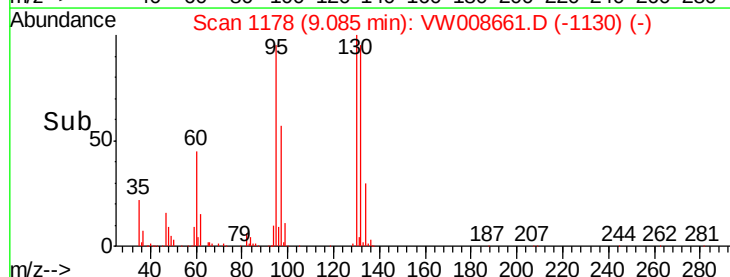
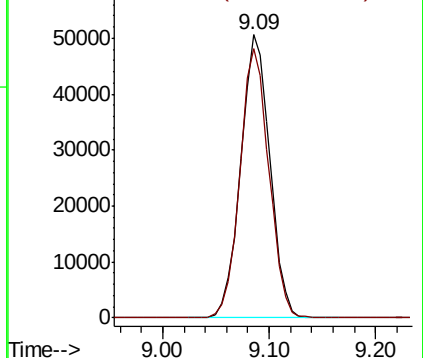
130 100

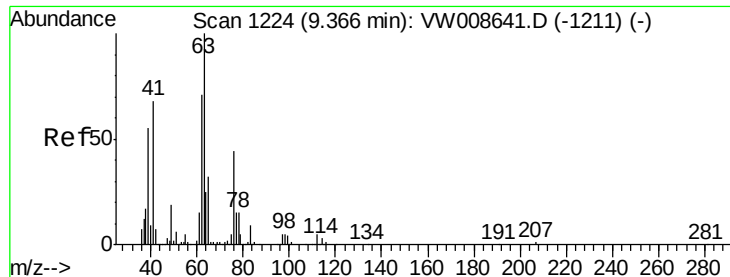
95 95.2 0.0 193.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

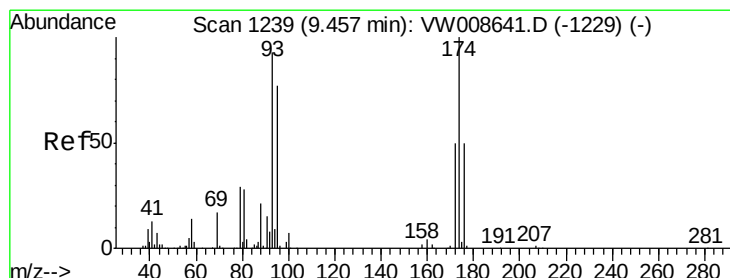
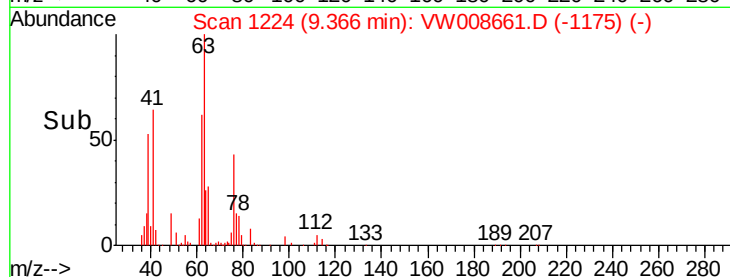
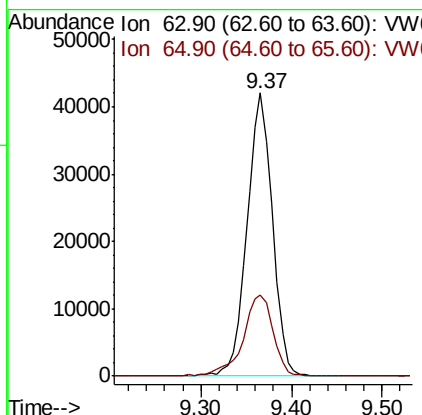
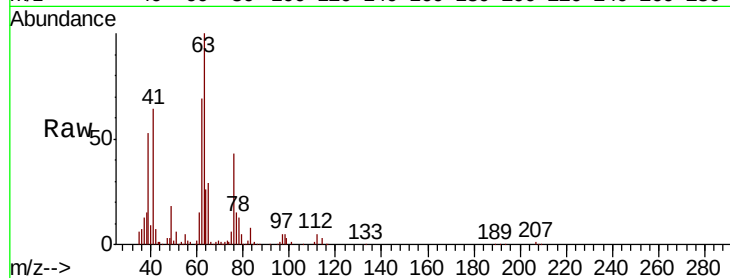




#45
 1,2-Dichloropropane
 Concen: 20.609 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

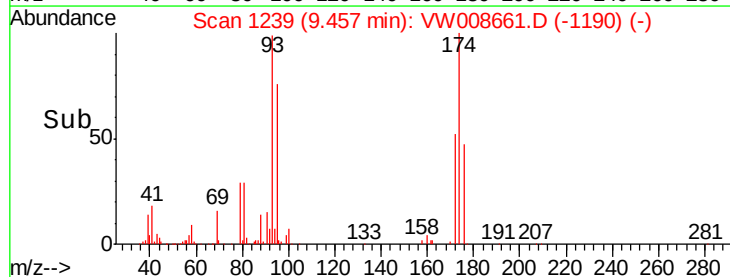
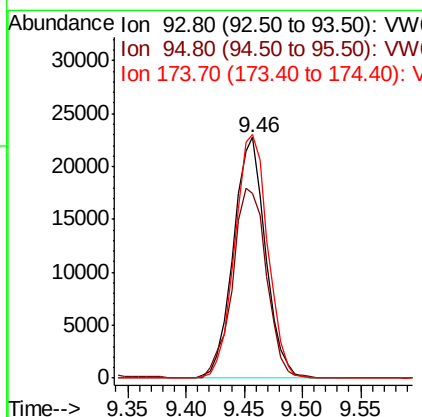
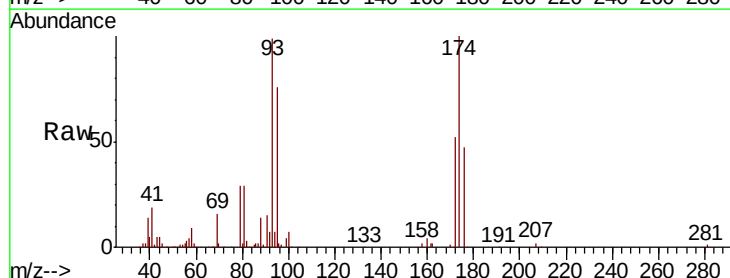
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

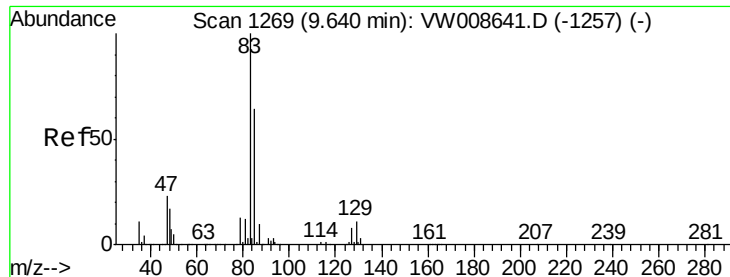
Tgt Ion: 63 Resp: 81624
 Ion Ratio Lower Upper
 63 100
 65 28.5 25.4 38.0



#46
 Dibromomethane
 Concen: 20.051 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion: 93 Resp: 43746
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.8
 174 104.0 82.5 123.7

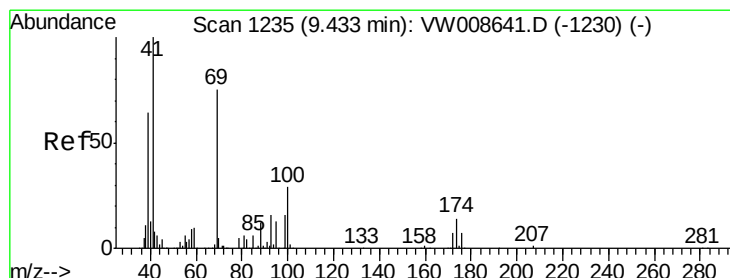
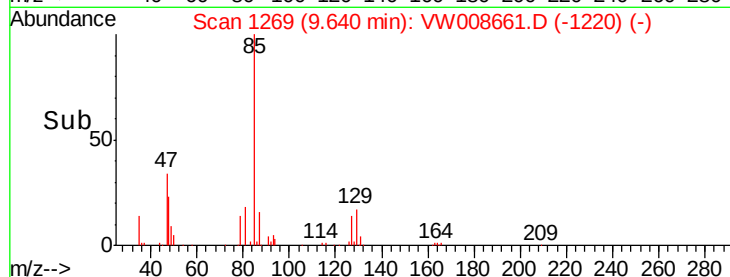
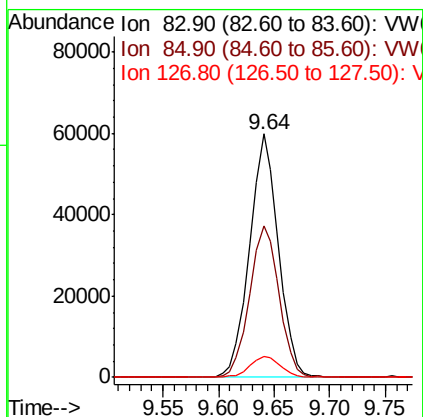
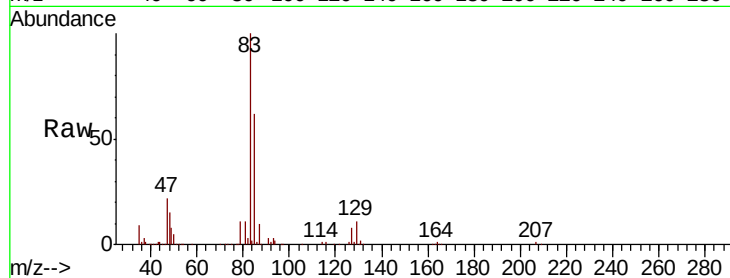




#47
 Bromodichloromethane
 Concen: 20.514 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

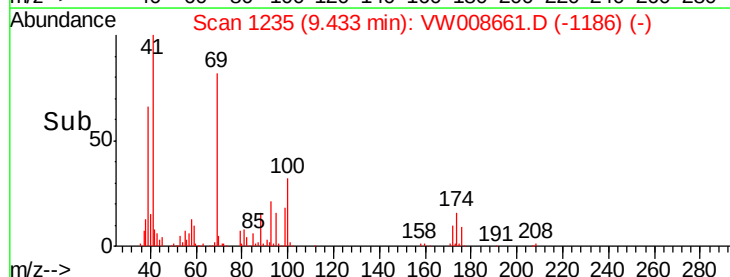
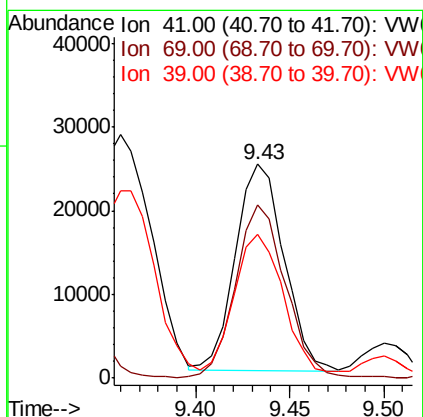
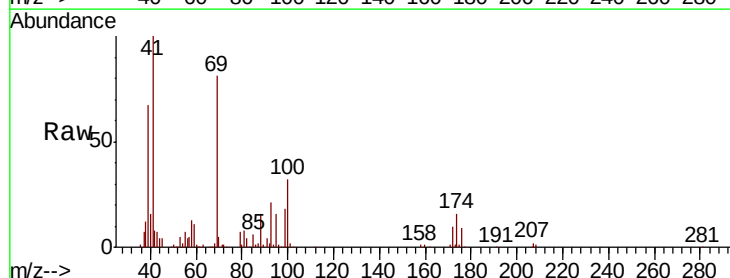
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

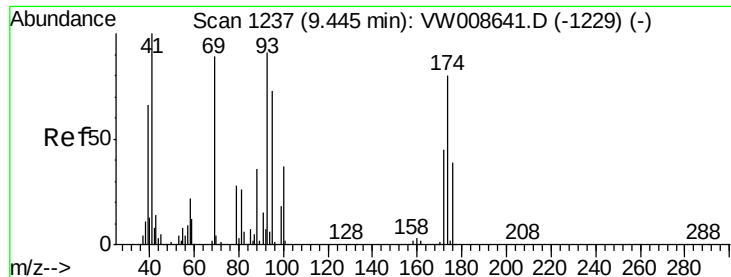
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.2	76.8
127	8.4	6.4	9.6



#48
 Methyl methacrylate
 Concen: 16.886 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.1	64.1	96.1
39	66.0	52.3	78.5

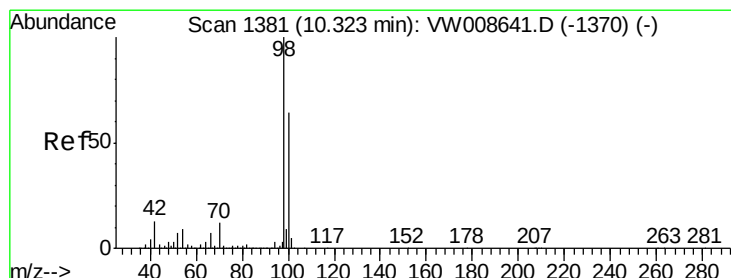
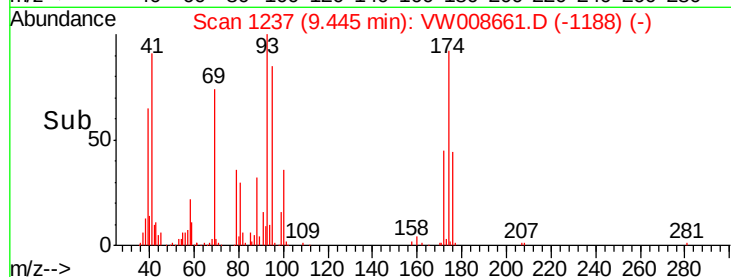
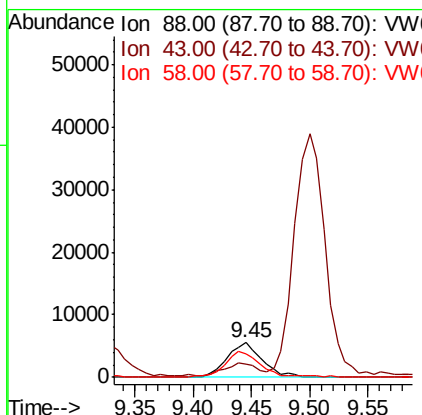
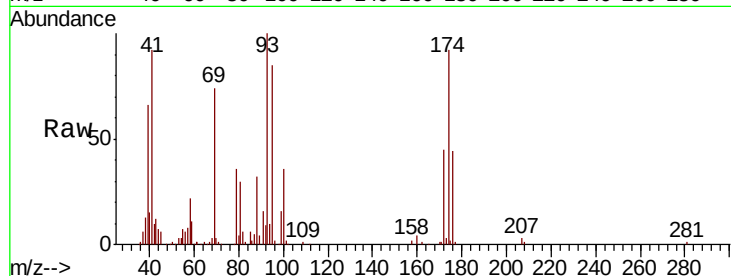




#49
 1,4-Dioxane
 Concen: 334.834 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

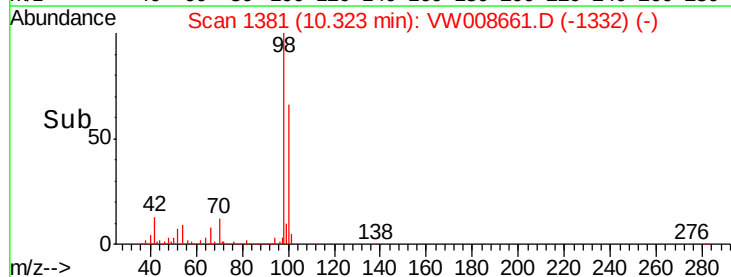
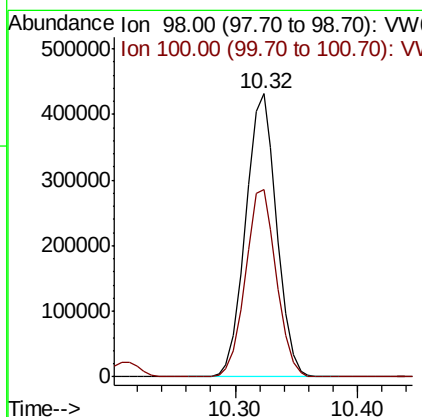
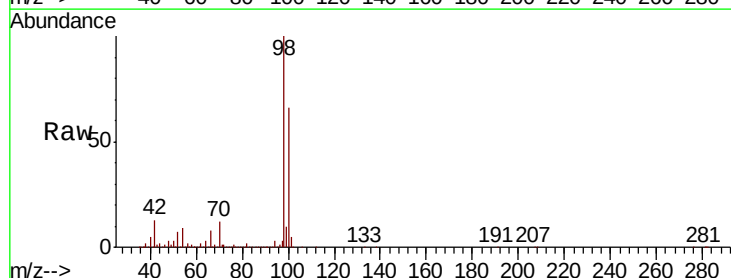
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

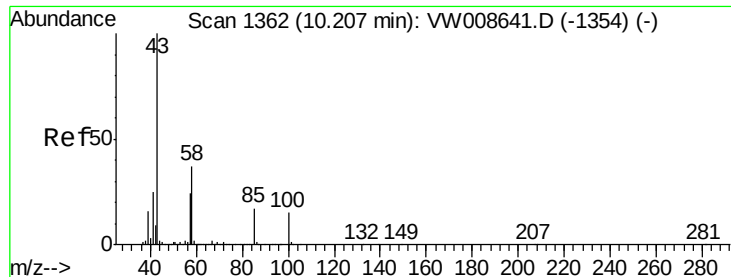
Tgt Ion: 88 Resp: 11661
 Ion Ratio Lower Upper
 88 100
 43 33.3 31.0 46.6
 58 74.2 57.0 85.6



#50
 Toluene-d8
 Concen: 54.313 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion: 98 Resp: 758265
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.2 78.4

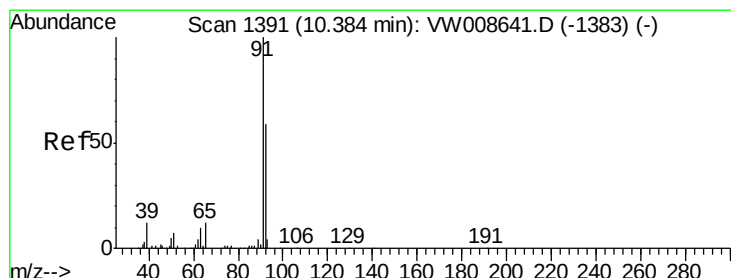
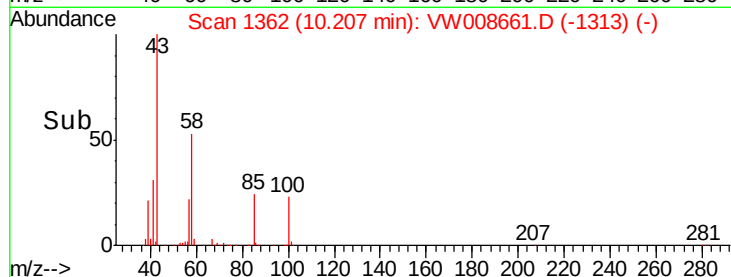
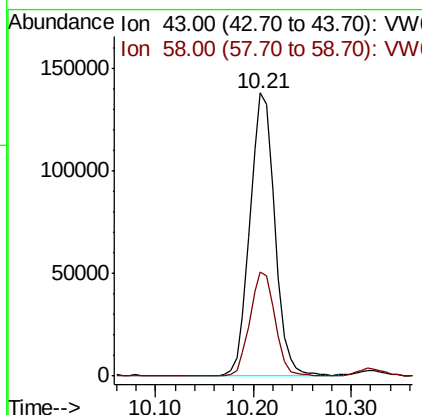
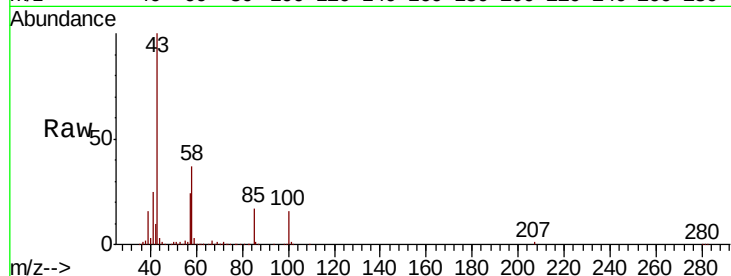




#51
 4-Methyl-2-Pentanone
 Concen: 84.651 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

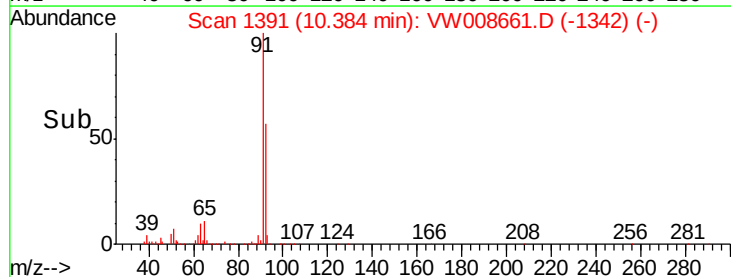
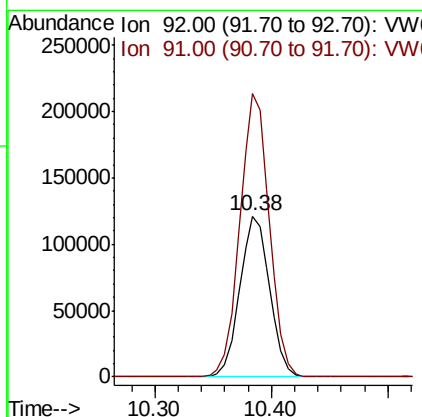
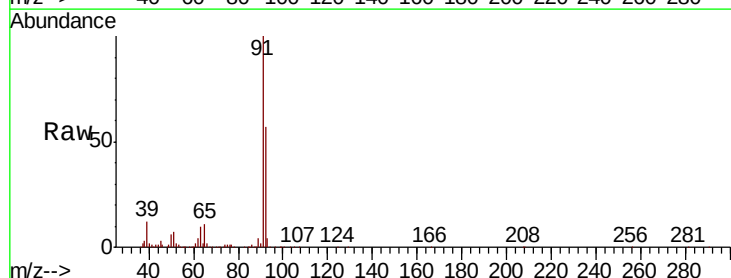
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

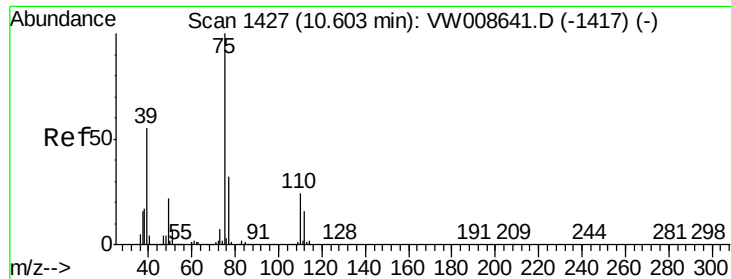
Tgt Ion: 43 Resp: 245097
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.0 43.6



#52
 Toluene
 Concen: 20.885 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion: 92 Resp: 215621
 Ion Ratio Lower Upper
 92 100
 91 173.9 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 19.341 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

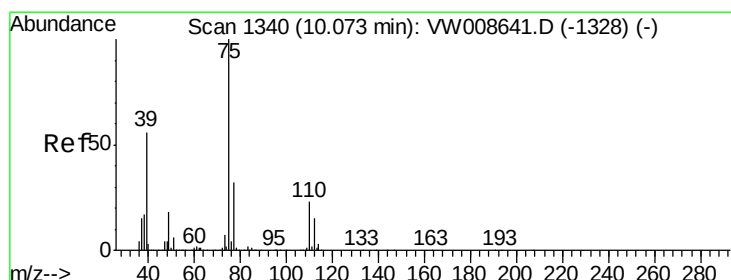
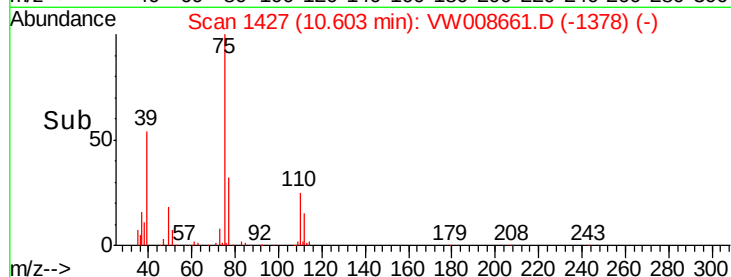
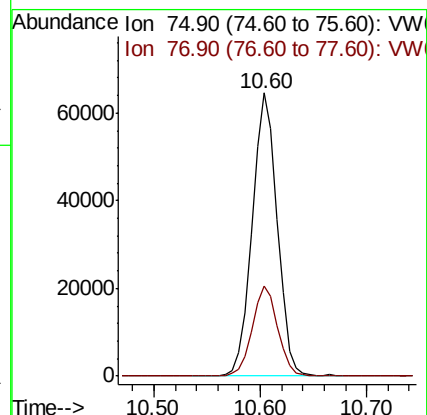
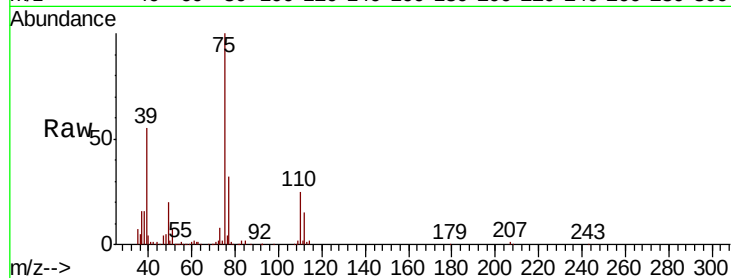
VW0214SBS01

Tgt Ion: 75 Resp: 106541

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 20.003 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

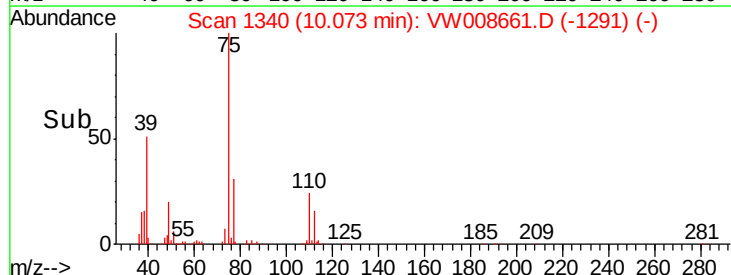
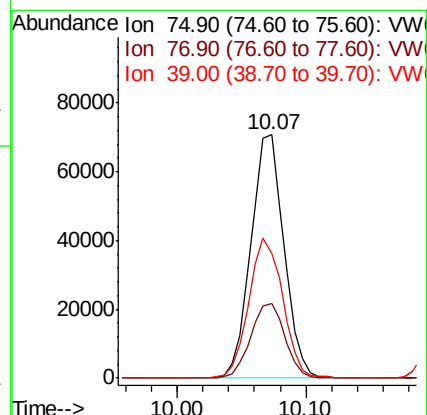
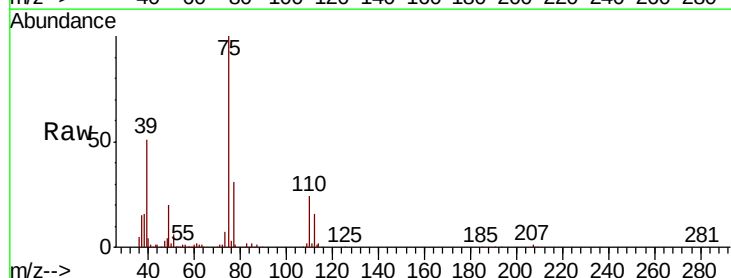
Tgt Ion: 75 Resp: 124908

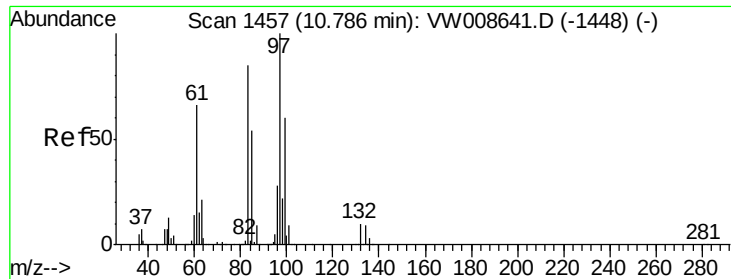
Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0

39 51.0 44.5 66.7

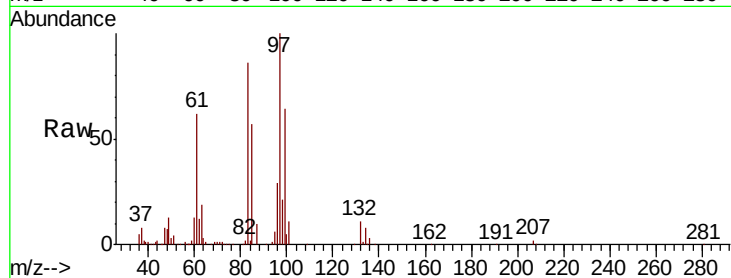




#55
 1,1,2-Trichloroethane
 Concen: 19.367 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

Tgt Ion:	97	Resp:	57978
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.4	102.6
85	56.7	43.1	64.7
99	64.3	47.8	71.8



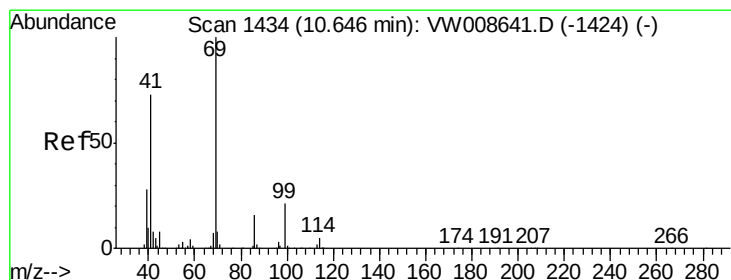
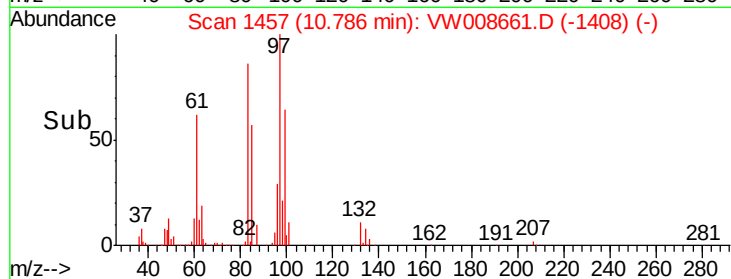
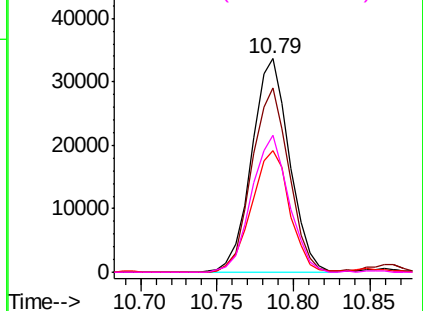
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

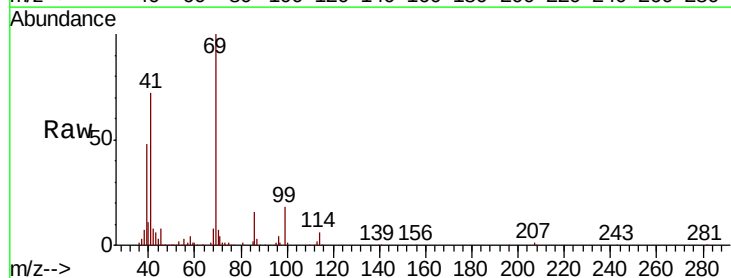
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 17.898 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion:	69	Resp:	71148
Ion	Ratio	Lower	Upper
69	100		
41	70.8	59.0	88.4
39	43.6	34.4	51.6

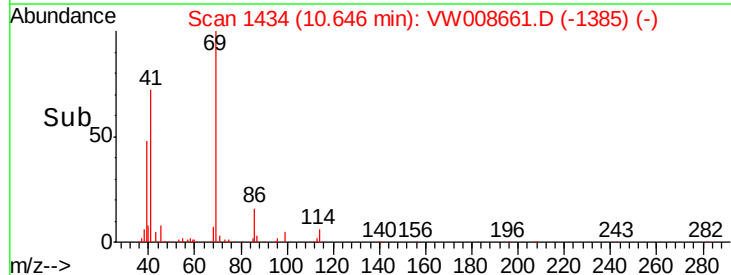
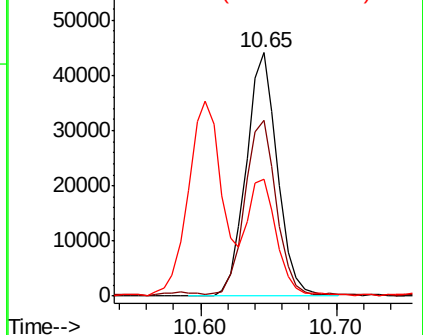


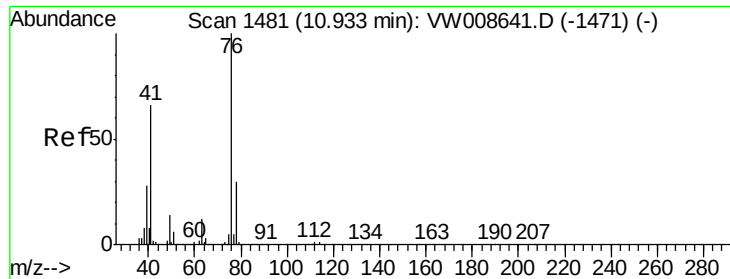
Abundance

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

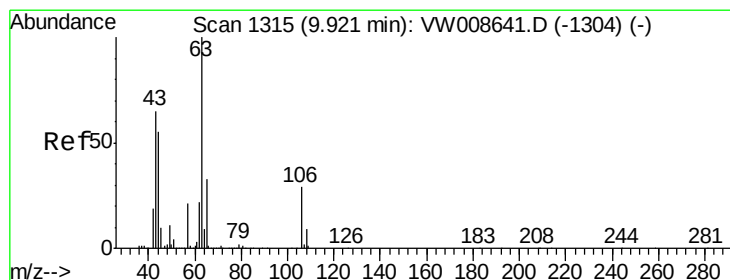
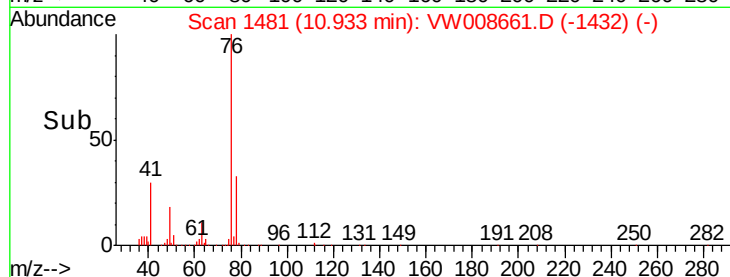
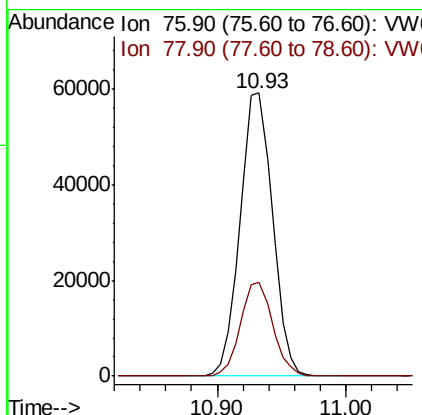
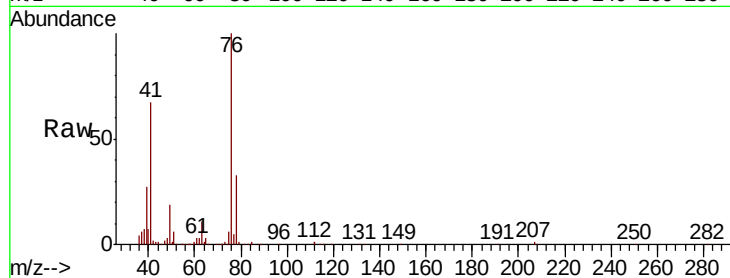




#57
 1,3-Dichloropropane
 Concen: 19.461 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

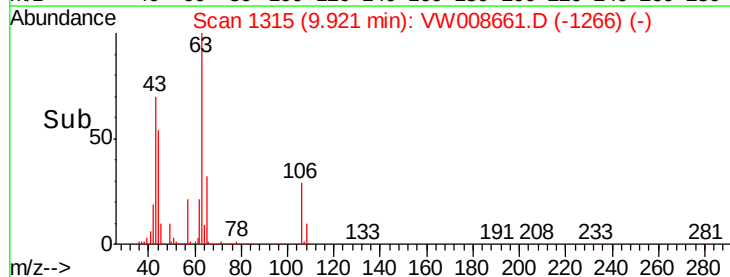
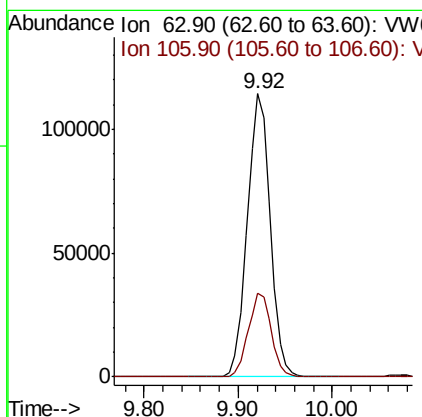
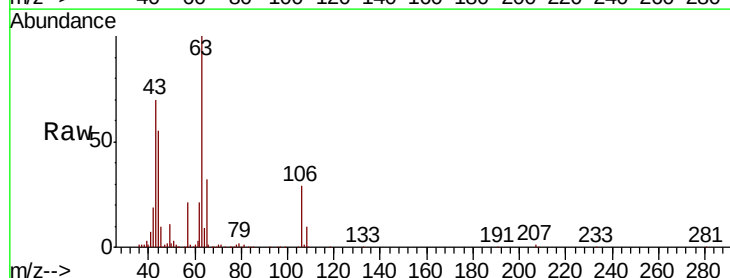
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

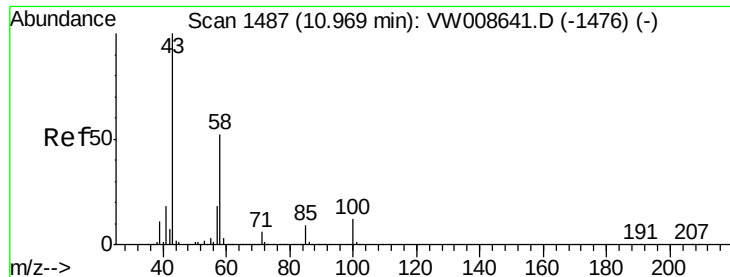
Tgt Ion: 76 Resp: 103369
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.506 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion: 63 Resp: 195470
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.4 35.2

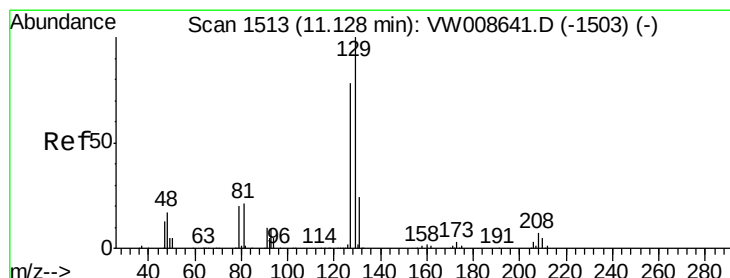
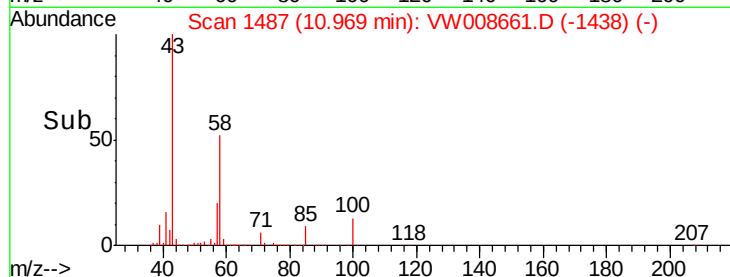
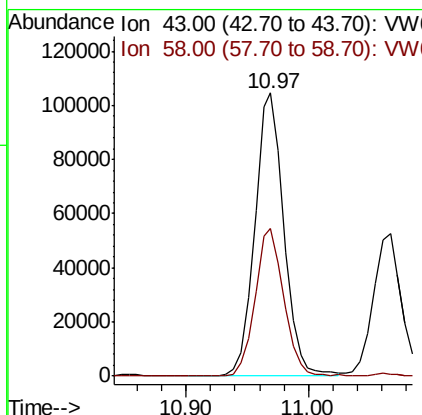
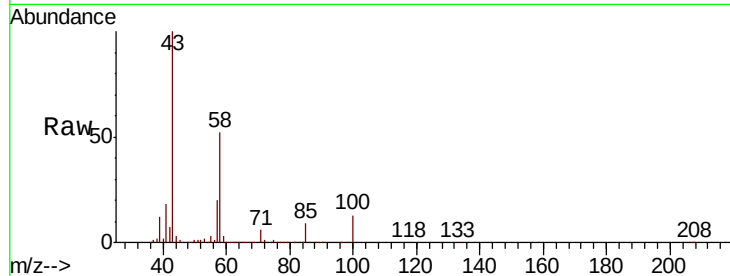




#59
2-Hexanone
Concen: 85.014 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

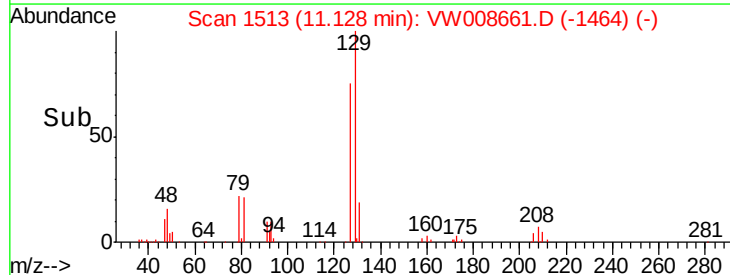
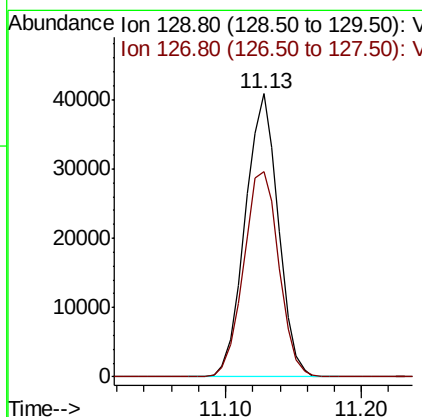
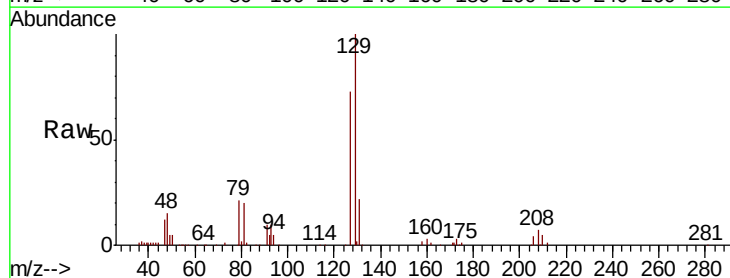
Instrument :
MSVOA_W
ClientSampleId :
VW0214SBS01

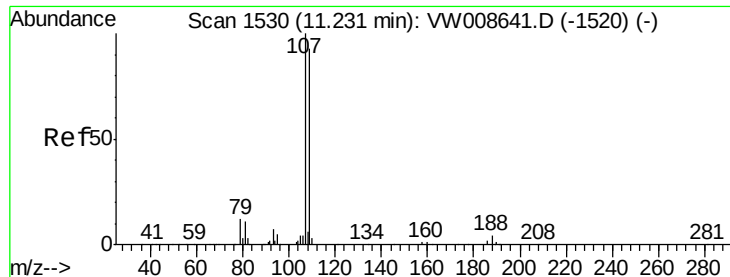
Tgt Ion: 43 Resp: 172918
Ion Ratio Lower Upper
43 100
58 51.1 25.6 76.6



#60
Dibromochloromethane
Concen: 19.378 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

Tgt Ion: 129 Resp: 69410
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3

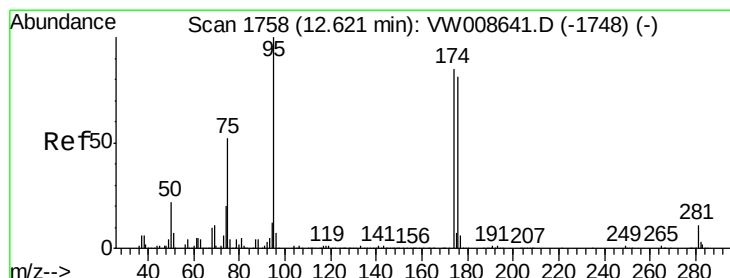
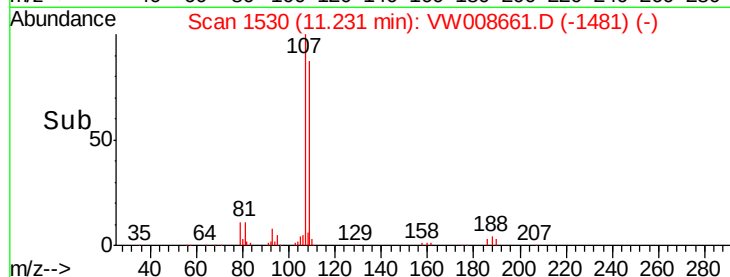
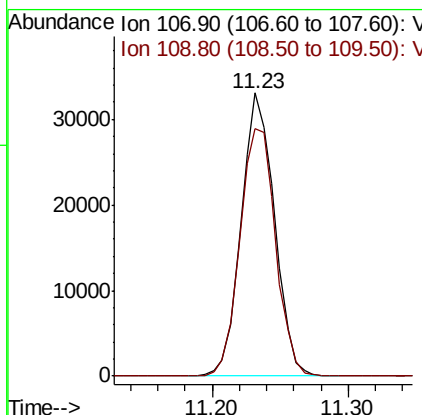
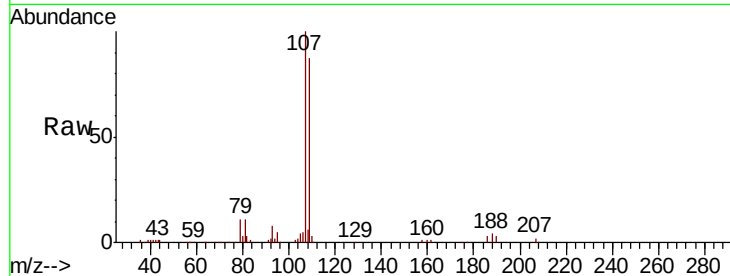




#61
 1,2-Dibromoethane
 Concen: 19.178 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

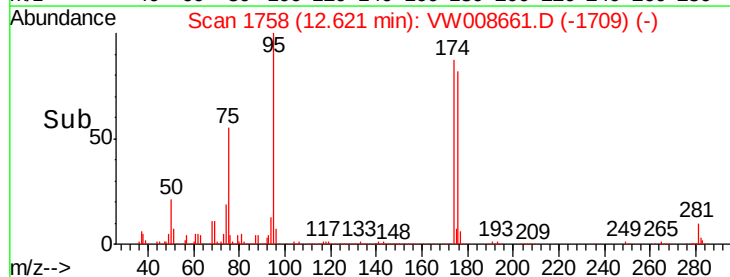
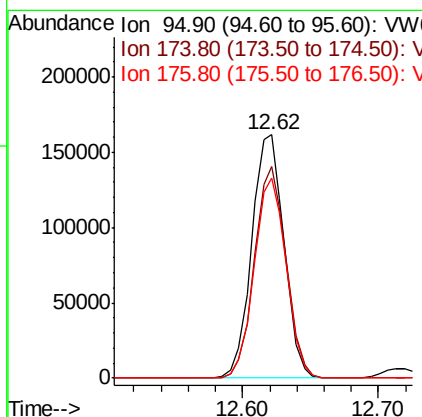
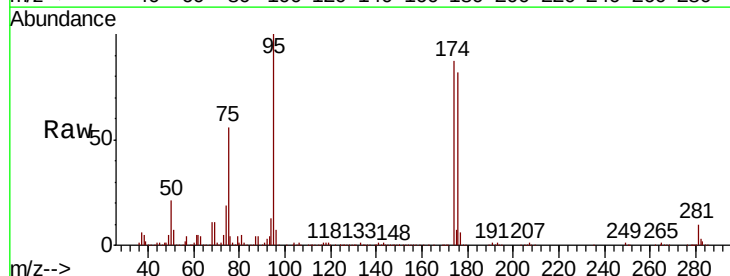
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

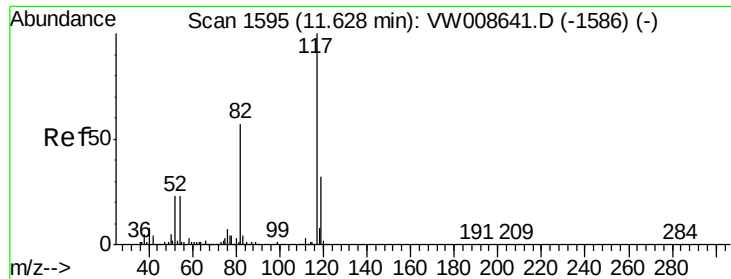
Tgt Ion: 107 Resp: 56527
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.210 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion: 95 Resp: 269298
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 163.2
 176 81.5 0.0 158.0

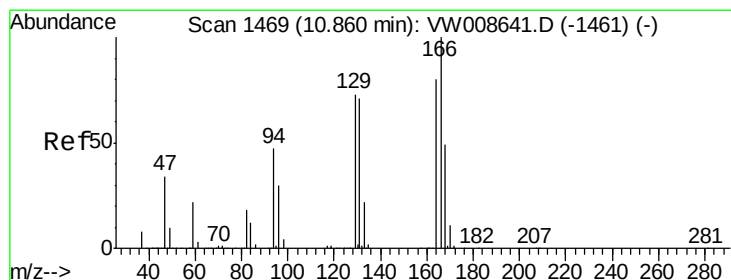
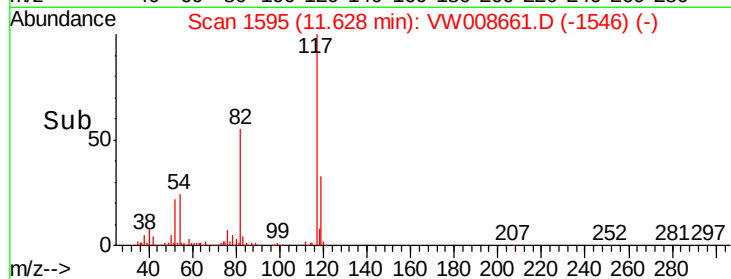
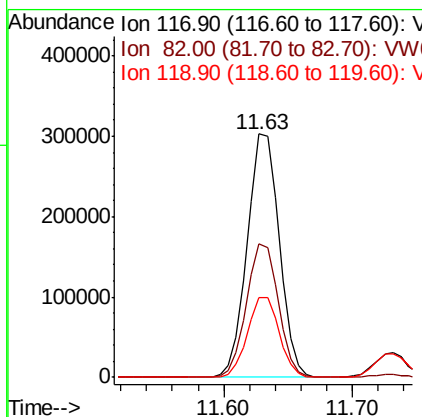
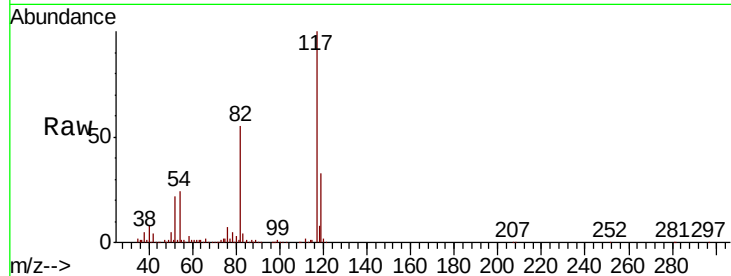




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

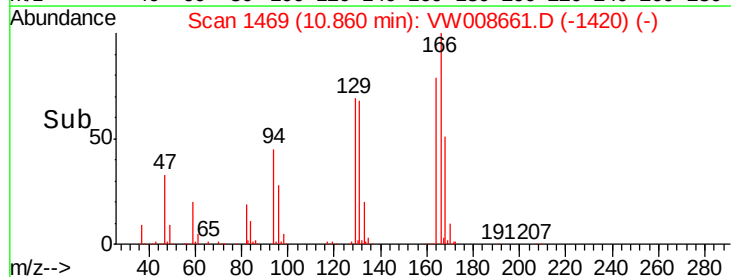
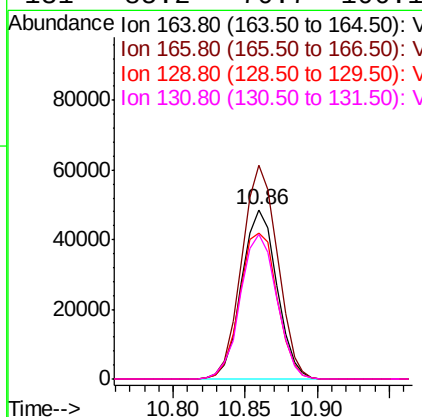
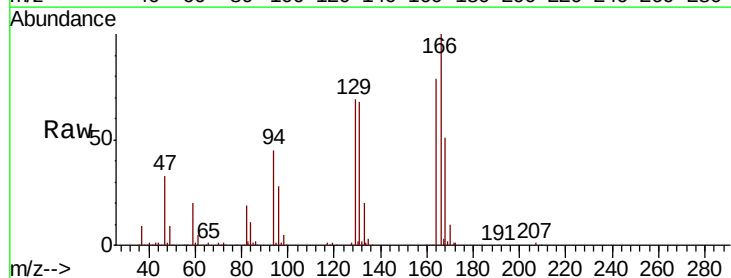
Instrument :
MSVOA_W
ClientSampleId :
VW0214SBS01

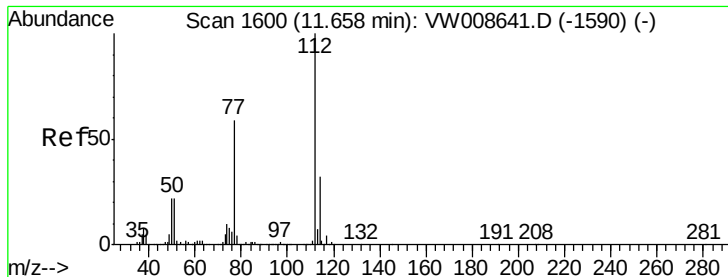
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.6	68.4
119	32.5	25.7	38.5



#64
Tetrachloroethene
Concen: 21.341 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	100.2	150.2
129	86.3	73.6	110.4
131	85.2	70.7	106.1





#65

Chlorobenzene

Concen: 21.232 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

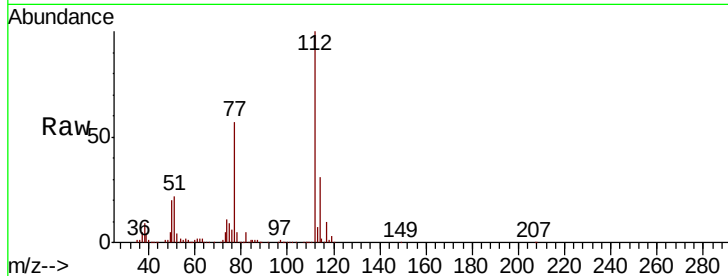
VW0214SBS01

Tgt Ion:112 Resp: 237649

Ion Ratio Lower Upper

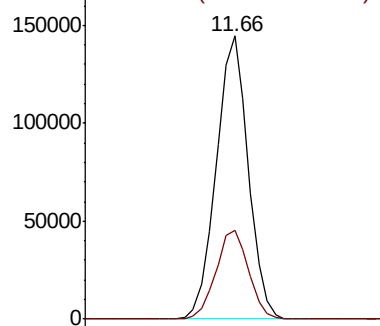
112 100

114 31.3 25.7 38.5

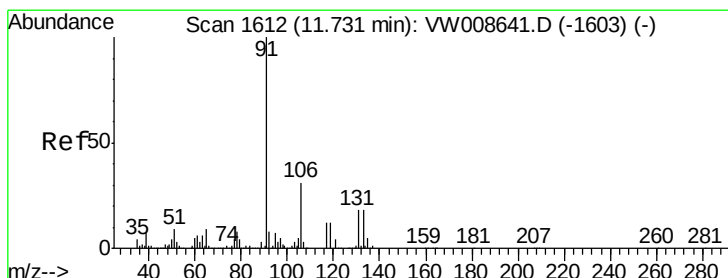
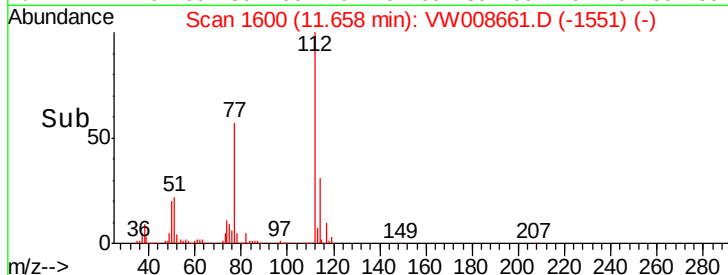


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.152 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

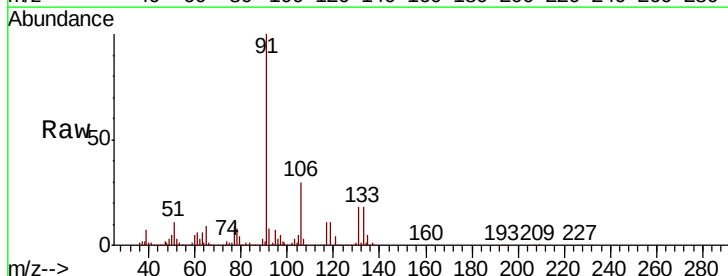
Tgt Ion:131 Resp: 79904

Ion Ratio Lower Upper

131 100

133 99.5 47.8 143.4

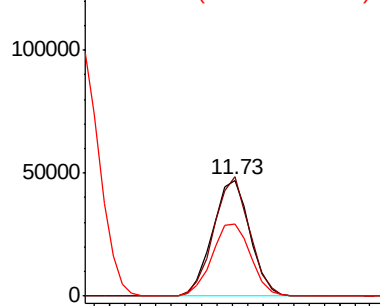
119 64.4 31.6 94.8



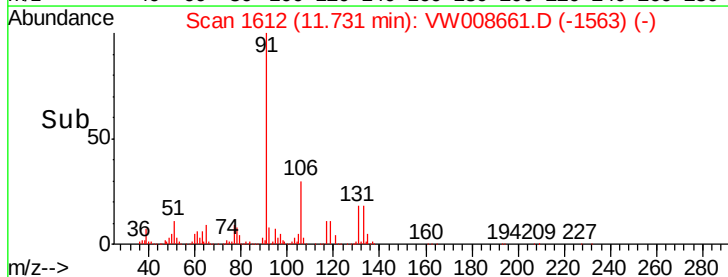
Abundance Ion 130.80 (130.50 to 131.50): V

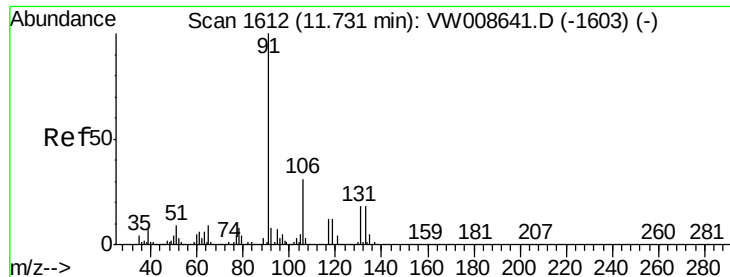
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 21.115 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

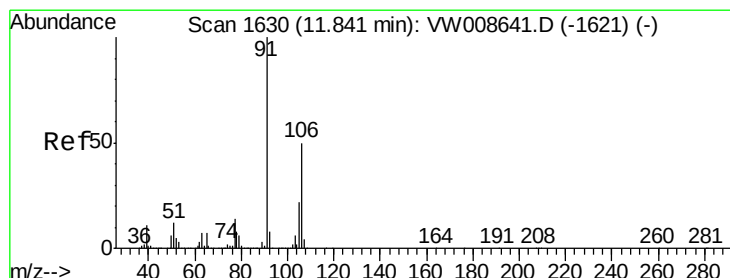
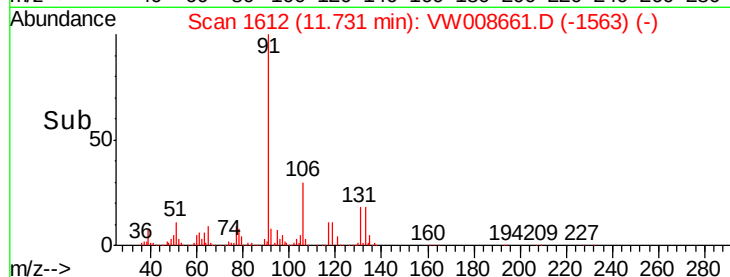
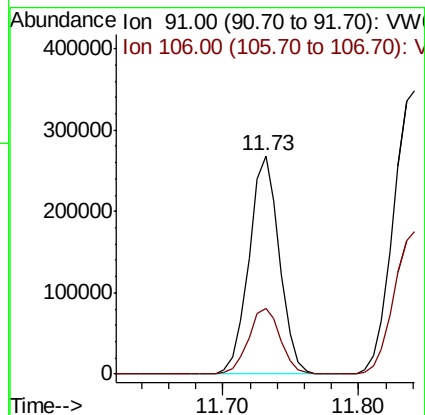
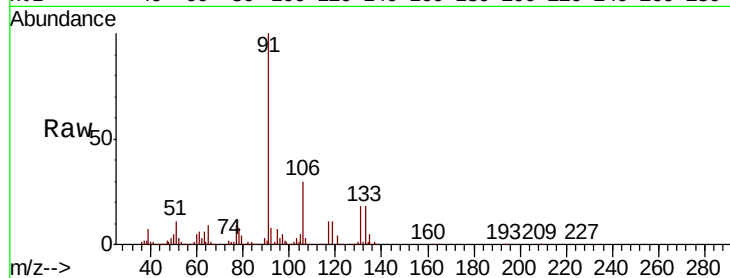
VW0214SBS01

Tgt Ion: 91 Resp: 420999

Ion Ratio Lower Upper

91 100

106 30.2 24.5 36.7



#68

m/p-Xylenes

Concen: 42.068 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW008661.D

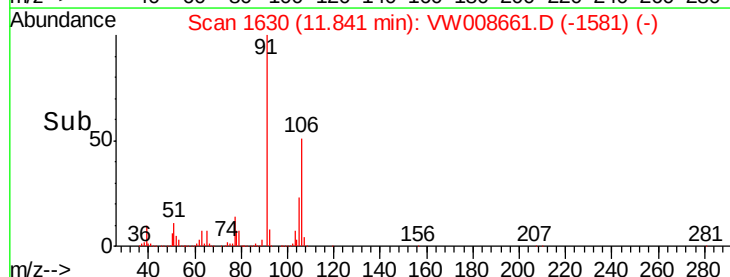
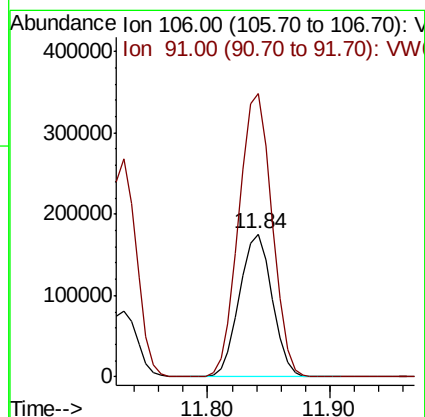
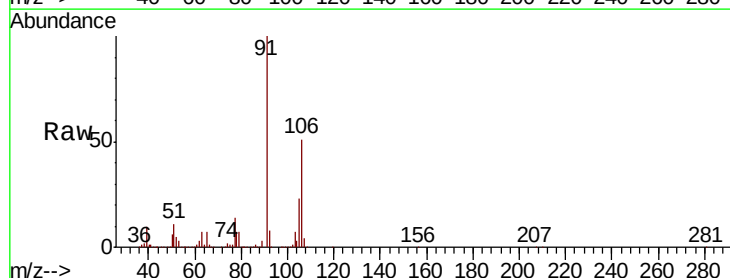
Acq: 14 Feb 2019 13:00

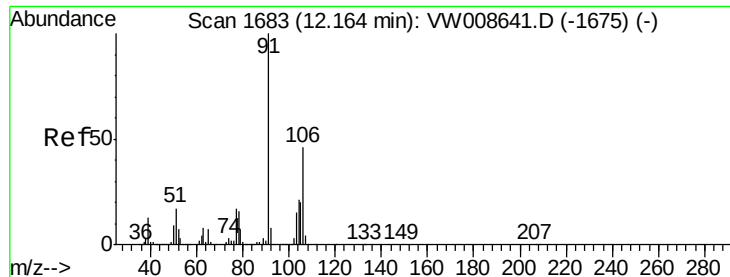
Tgt Ion: 106 Resp: 326353

Ion Ratio Lower Upper

106 100

91 201.6 161.0 241.4

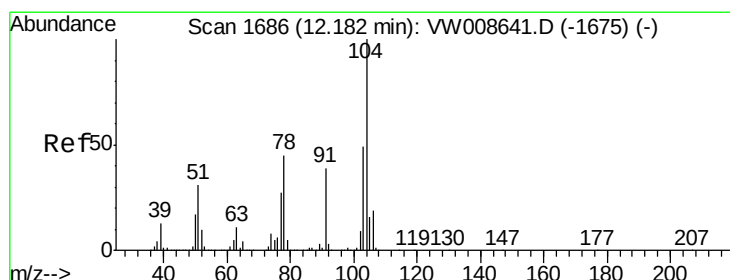
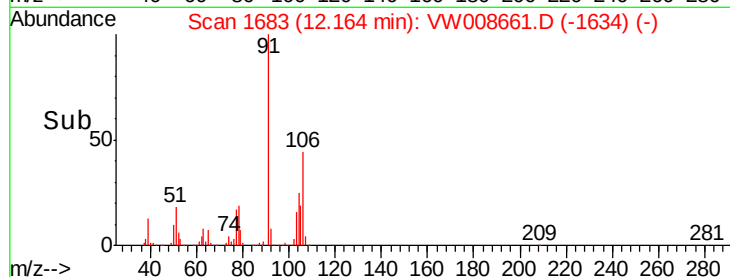
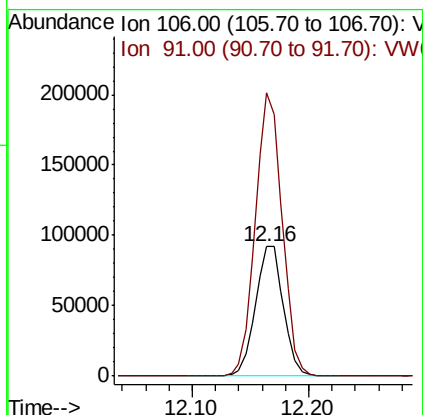
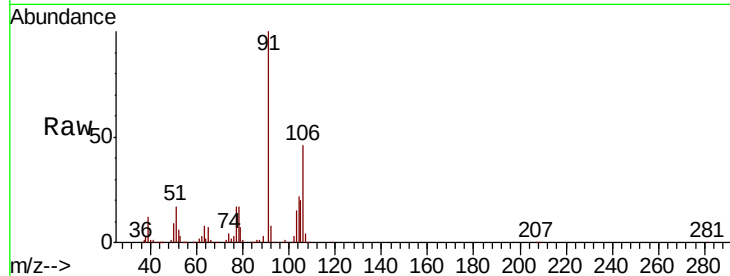




#69
o-Xylene
Concen: 20.867 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

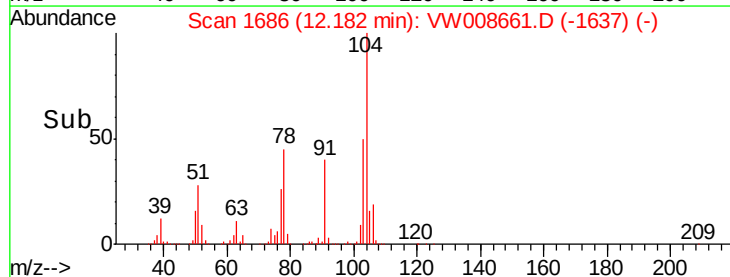
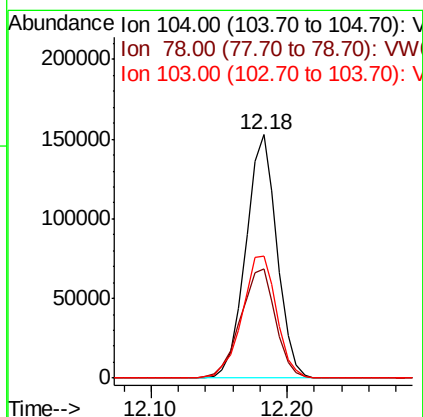
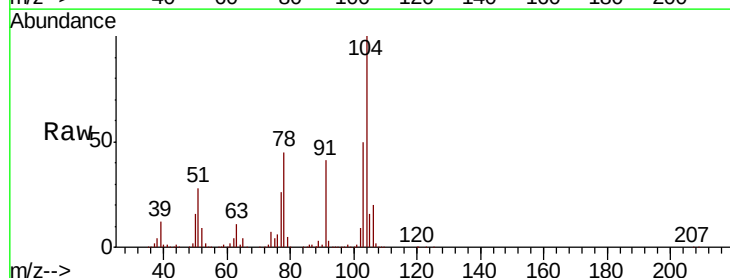
Instrument :
MSVOA_W
ClientSampleId :
VW0214SBS01

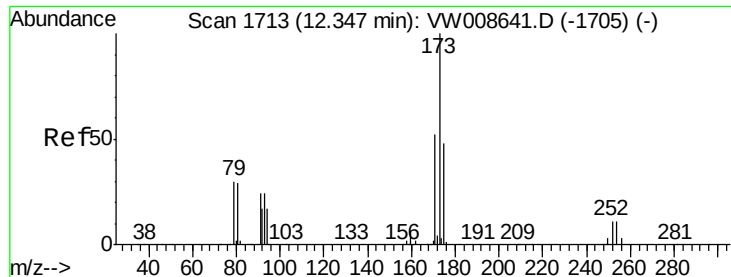
Tgt Ion:106 Resp: 153014
Ion Ratio Lower Upper
106 100
91 212.2 106.7 320.1



#70
Styrene
Concen: 20.388 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008661.D
Acq: 14 Feb 2019 13:00

Tgt Ion:104 Resp: 244196
Ion Ratio Lower Upper
104 100
78 50.6 41.5 62.3
103 55.7 43.5 65.3

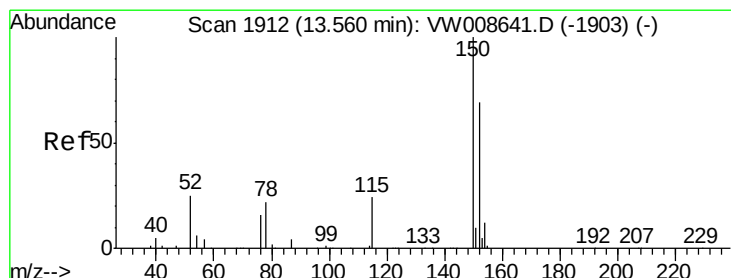
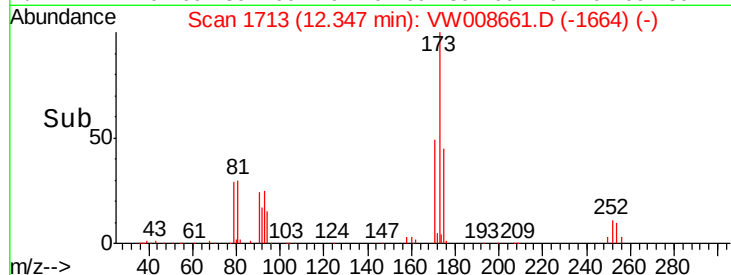
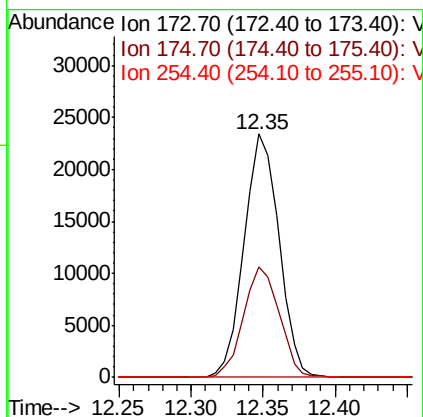
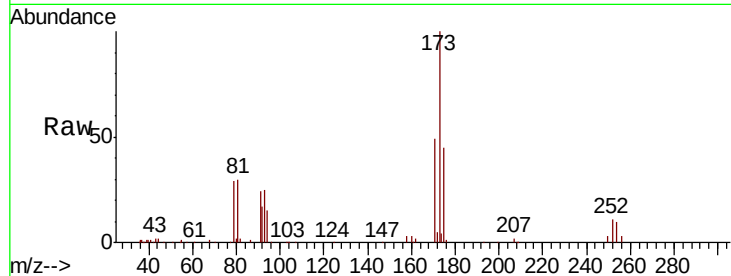




#71
 Bromoform
 Concen: 18.373 ug/l
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

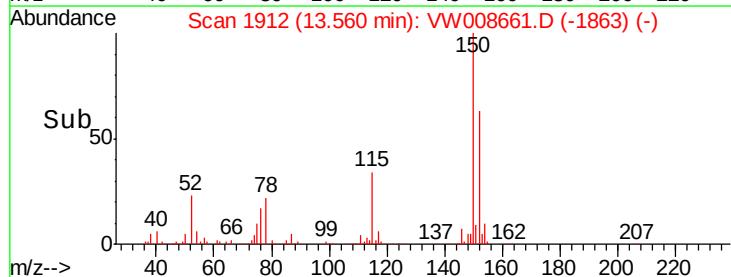
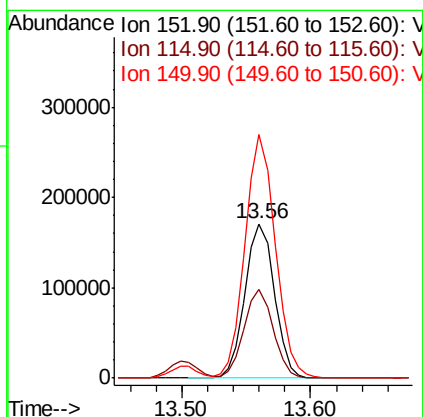
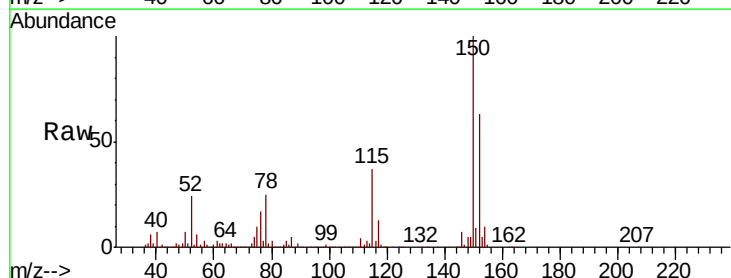
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

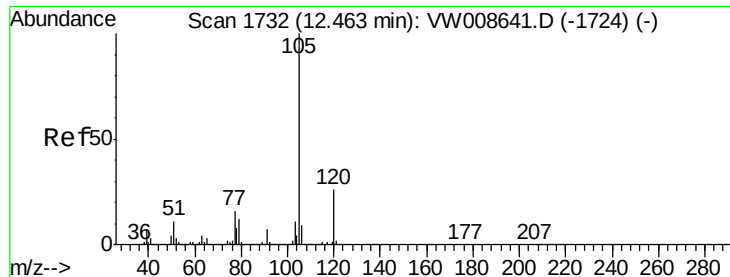
Tgt Ion:173 Resp: 39253
 Ion Ratio Lower Upper
 173 100
 175 46.7 24.9 74.7
 254 0.0 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion:152 Resp: 270400
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.3 87.8
 150 162.1 0.0 352.8





#73

Isopropylbenzene

Concen: 21.201 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

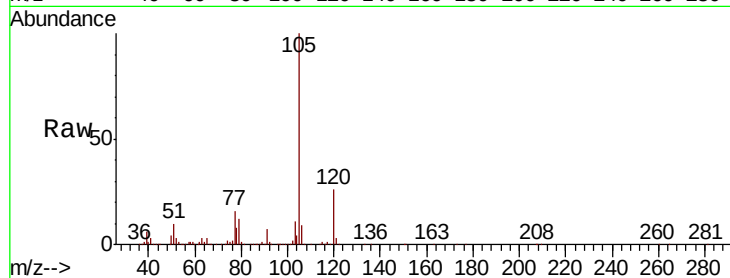
VW0214SBS01

Tgt Ion: 105 Resp: 427016

Ion Ratio Lower Upper

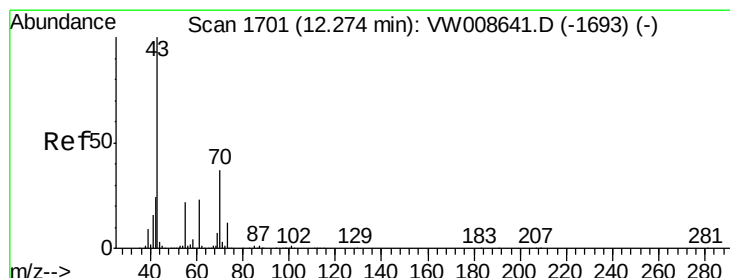
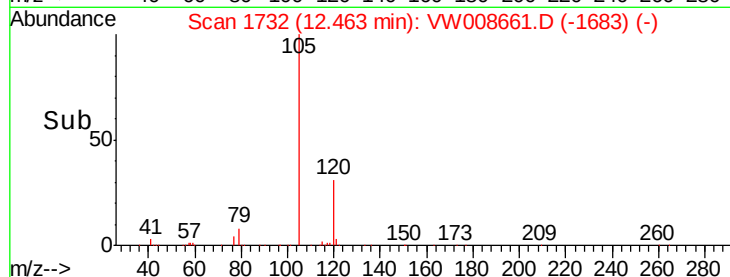
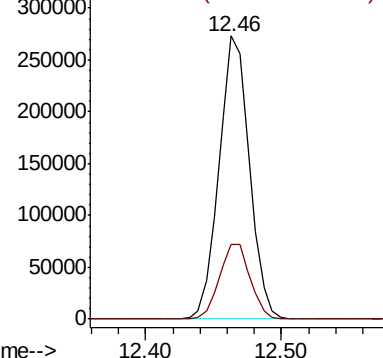
105 100

120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.268 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Tgt Ion: 43 Resp: 94053

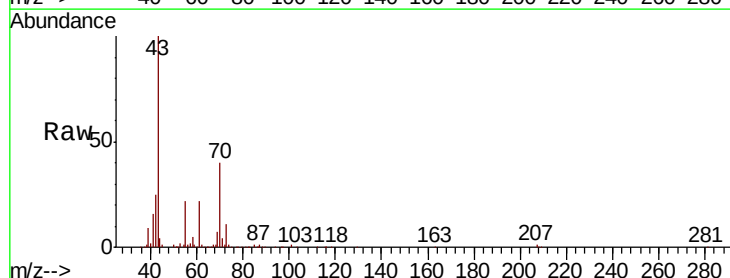
Ion Ratio Lower Upper

43 100

70 38.2 30.5 45.7

55 23.7 17.6 26.4

61 22.1 17.9 26.9

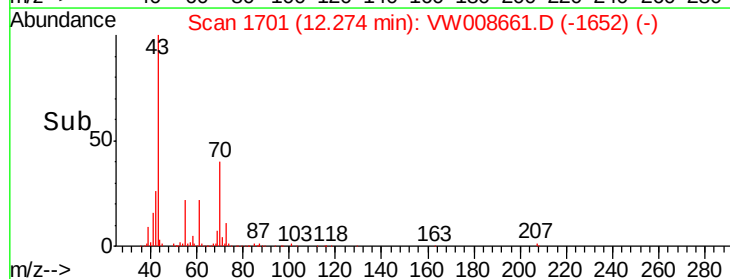
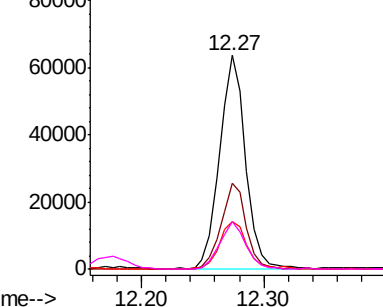


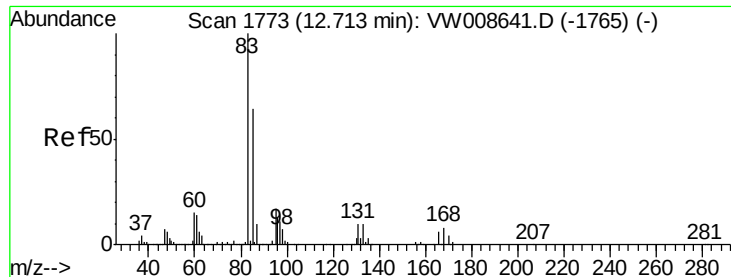
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 18.950 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampled :

VW0214SBS01

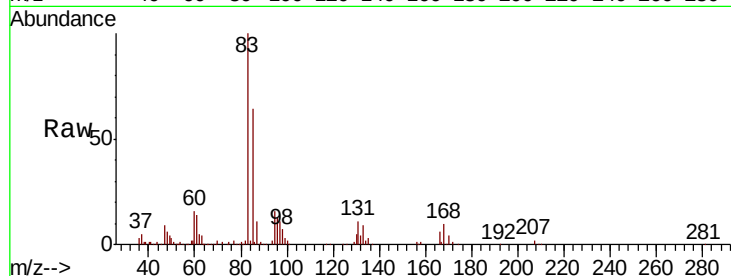
Tgt Ion: 83 Resp: 66406

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.7

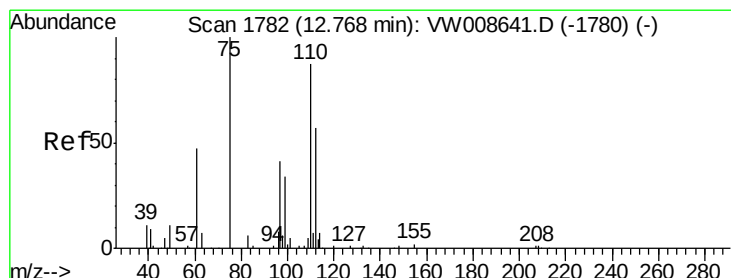
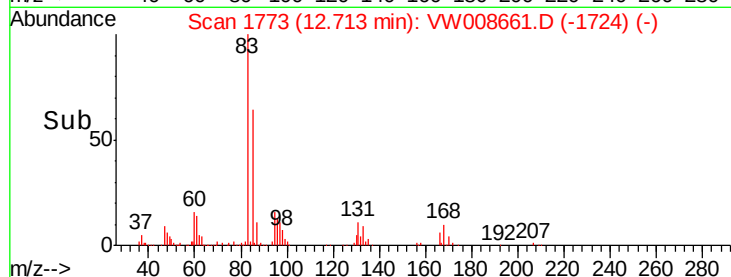
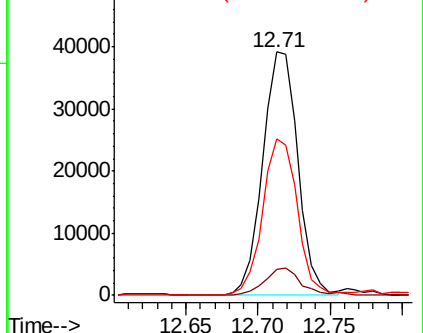
85 63.4 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 32.444 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008661.D

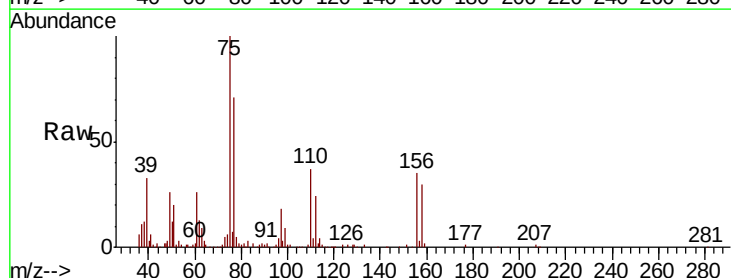
Acq: 14 Feb 2019 13:00

Tgt Ion: 75 Resp: 86627

Ion Ratio Lower Upper

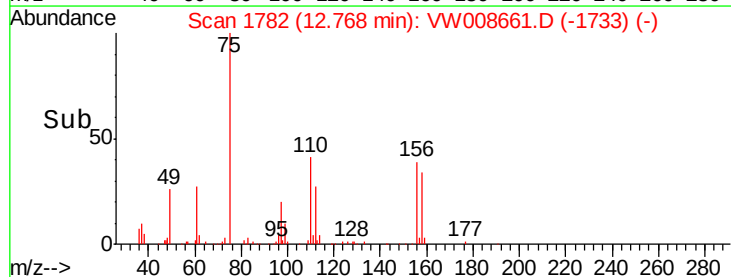
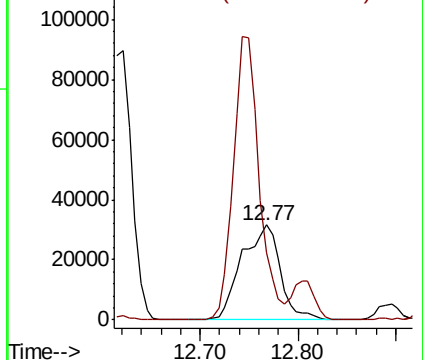
75 100

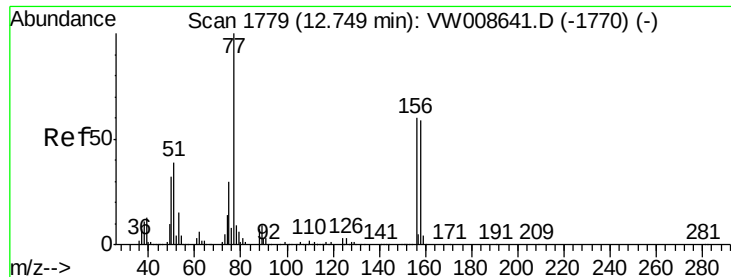
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.894 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW0214SBS01

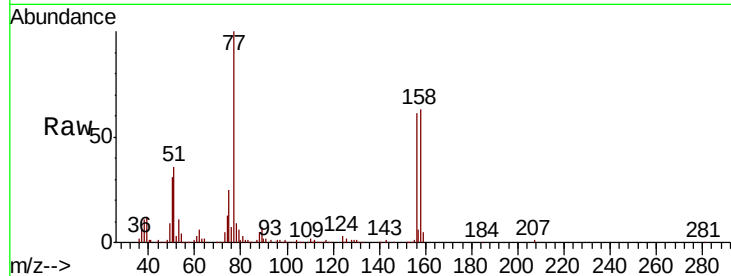
Tgt Ion:156 Resp: 96738

Ion Ratio Lower Upper

156 100

77 178.5 93.2 279.5

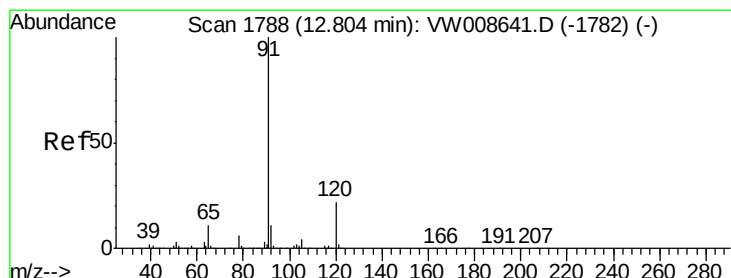
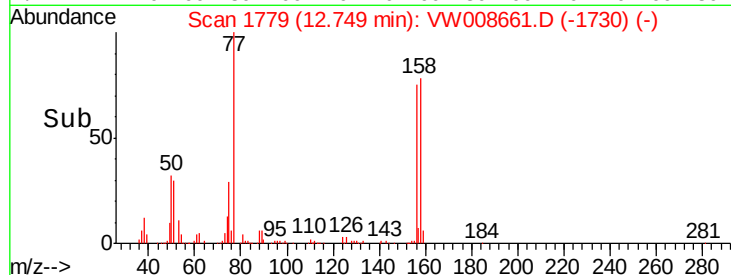
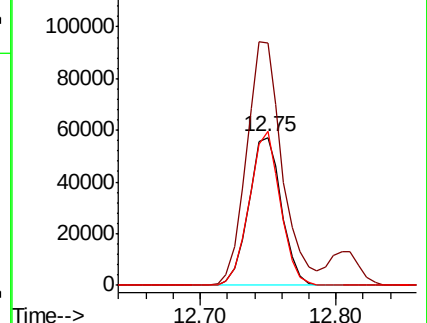
158 98.1 48.5 145.5



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: 21.396 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW008661.D

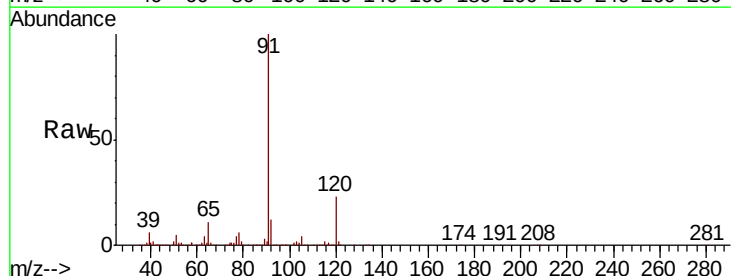
Acq: 14 Feb 2019 13:00

Tgt Ion: 91 Resp: 512044

Ion Ratio Lower Upper

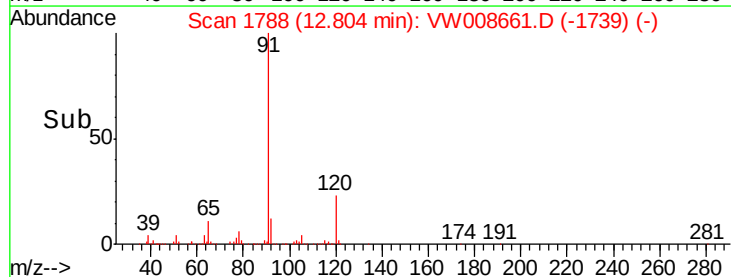
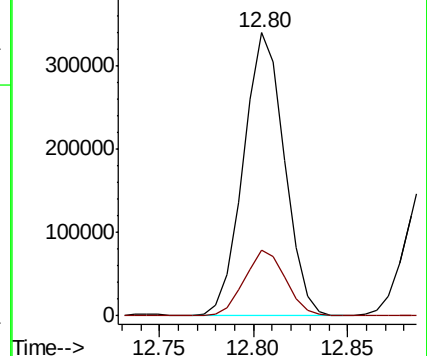
91 100

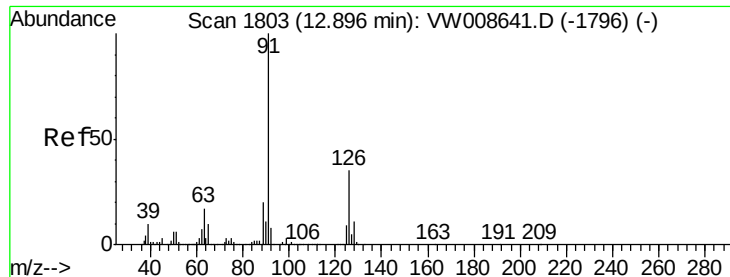
120 23.4 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.196 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

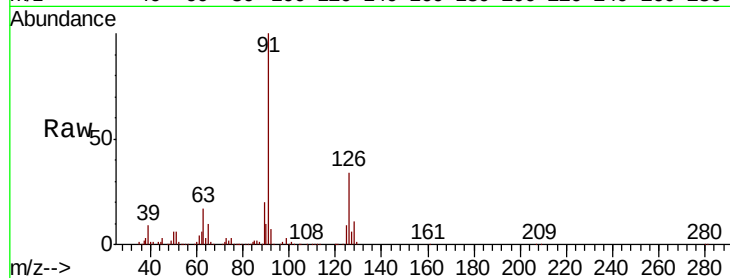
VW0214SBS01

Tgt Ion: 91 Resp: 286687

Ion Ratio Lower Upper

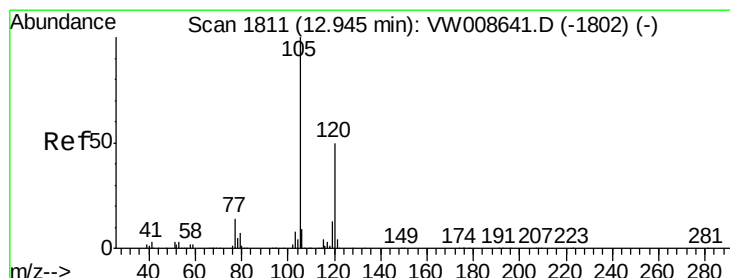
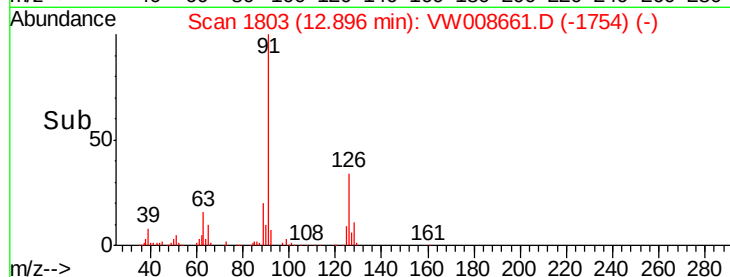
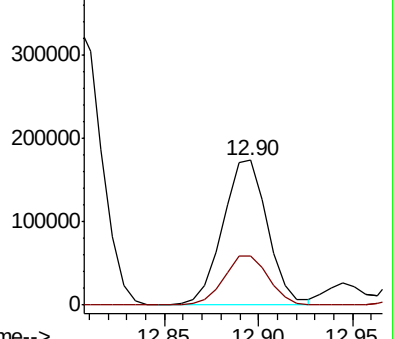
91 100

126 34.4 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: 21.370 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008661.D

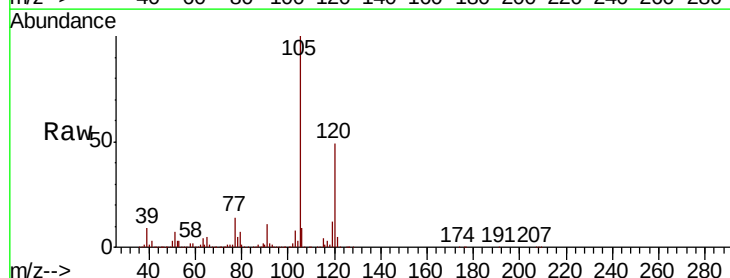
Acq: 14 Feb 2019 13:00

Tgt Ion: 105 Resp: 357524

Ion Ratio Lower Upper

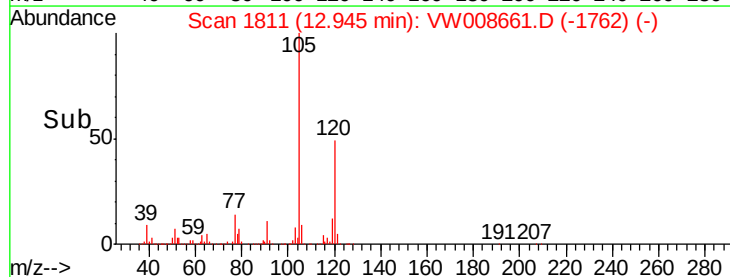
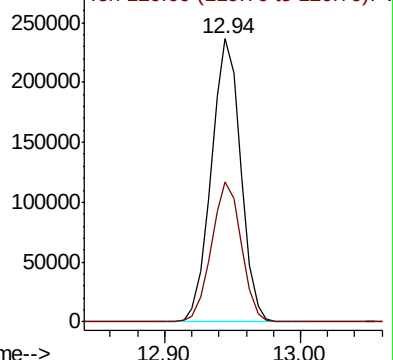
105 100

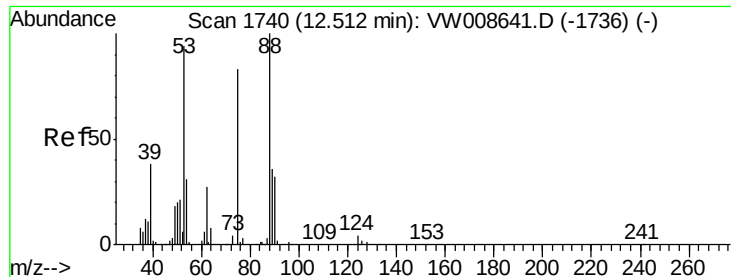
120 50.0 24.6 73.8



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: 17.500 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW0214SBS01

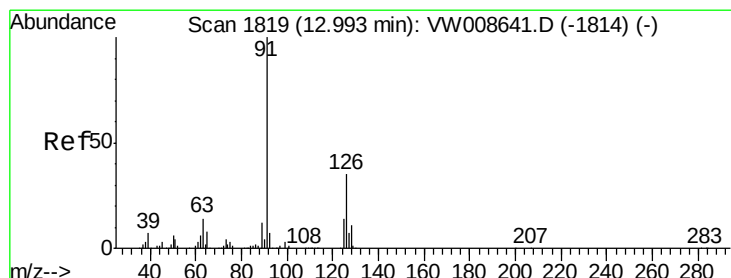
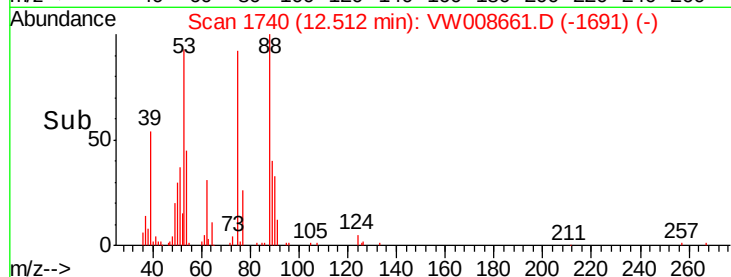
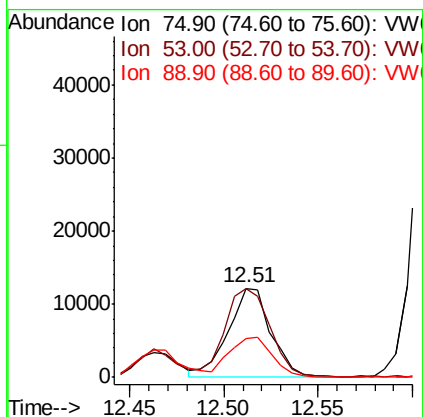
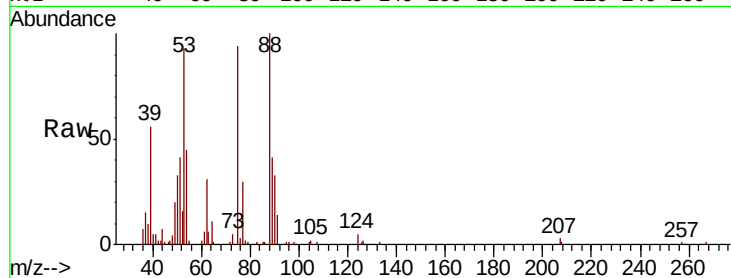
Tgt Ion: 75 Resp: 19104

Ion Ratio Lower Upper

75 100

53 107.2 87.4 131.0

89 45.7 37.0 55.4



#82

4-Chlorotoluene

Concen: 20.765 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW008661.D

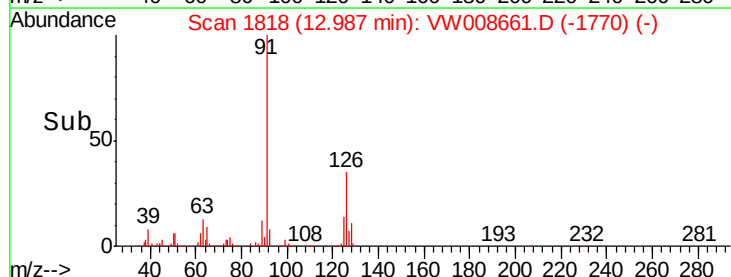
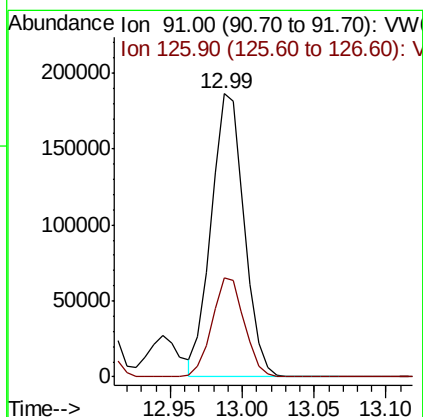
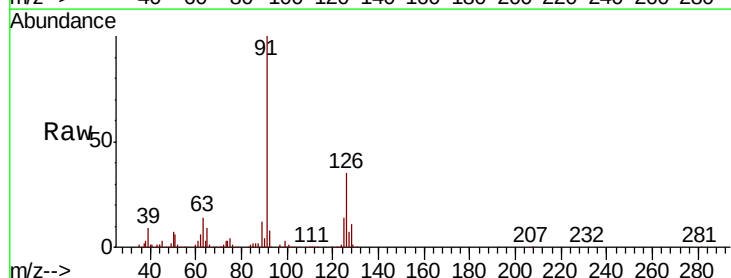
Acq: 14 Feb 2019 13:00

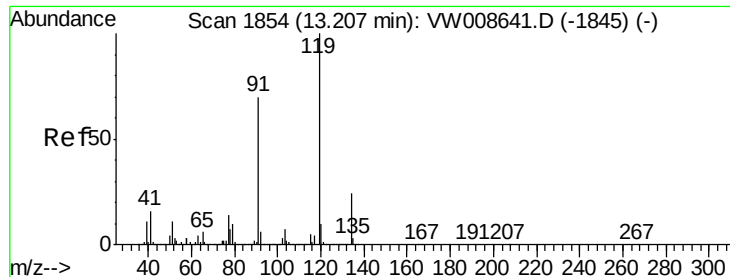
Tgt Ion: 91 Resp: 297646

Ion Ratio Lower Upper

91 100

126 34.5 16.9 50.7





#83

tert-Butylbenzene

Concen: 21.630 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW0214SBS01

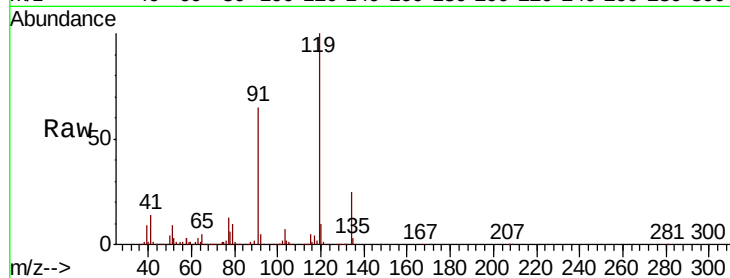
Tgt Ion:119 Resp: 314218

Ion Ratio Lower Upper

119 100

91 66.5 34.0 102.0

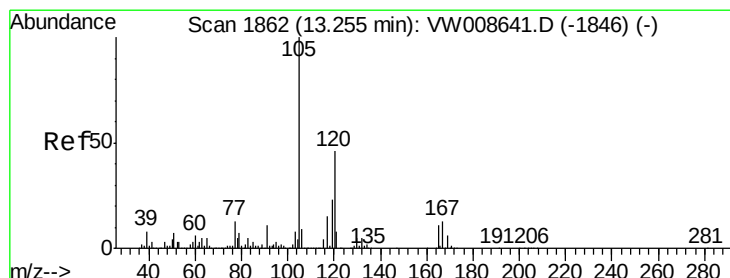
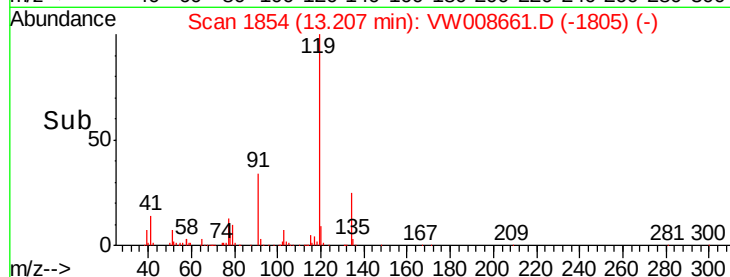
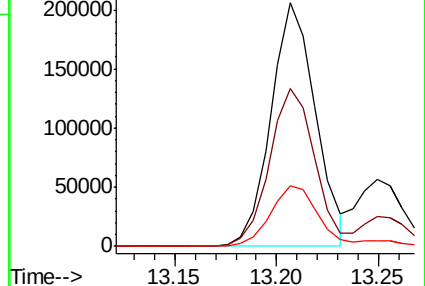
134 26.1 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.145 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008661.D

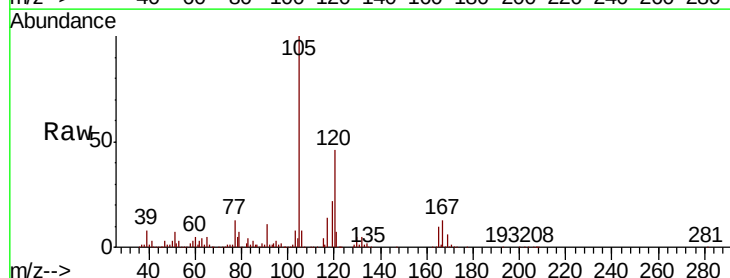
Acq: 14 Feb 2019 13:00

Tgt Ion:105 Resp: 363588

Ion Ratio Lower Upper

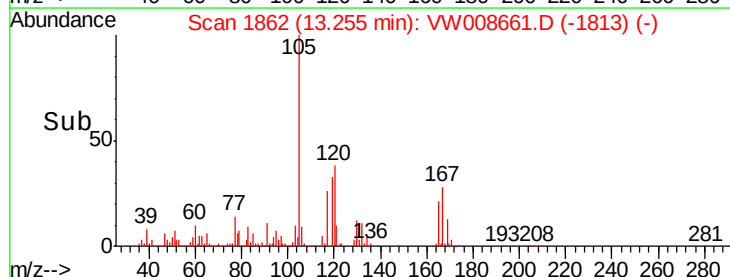
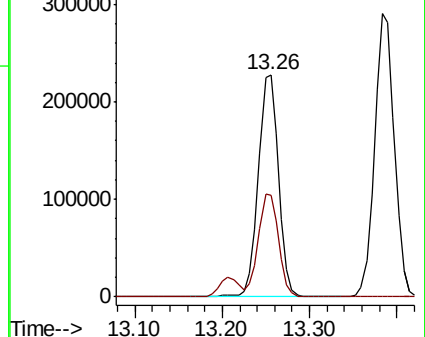
105 100

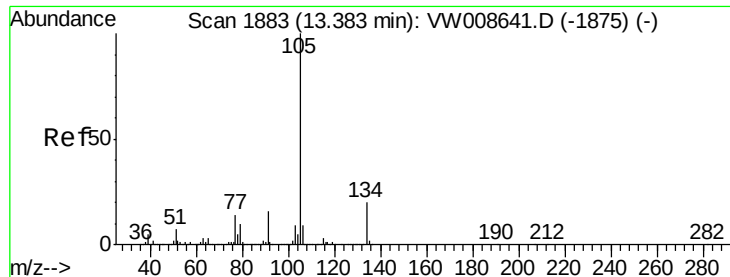
120 46.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

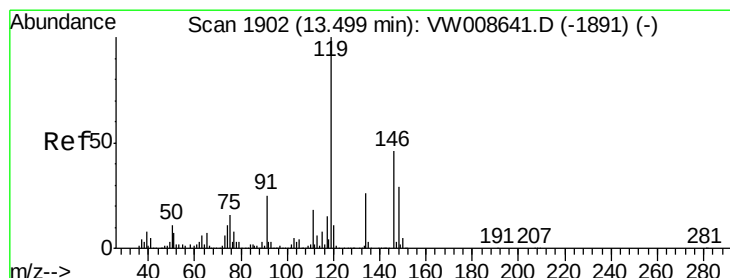
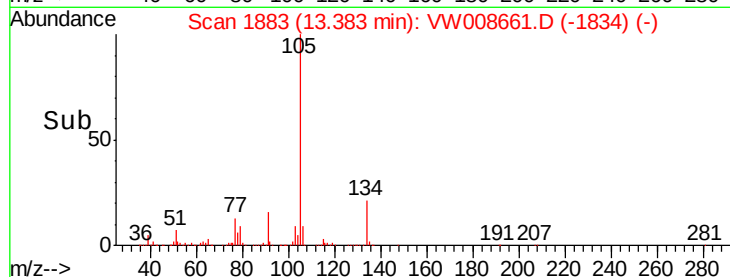
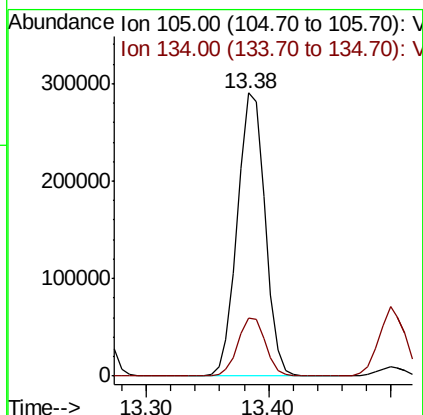
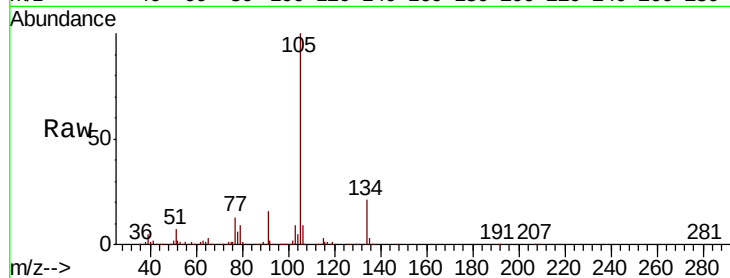




#85
 sec-Butylbenzene
 Concen: 21.483 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

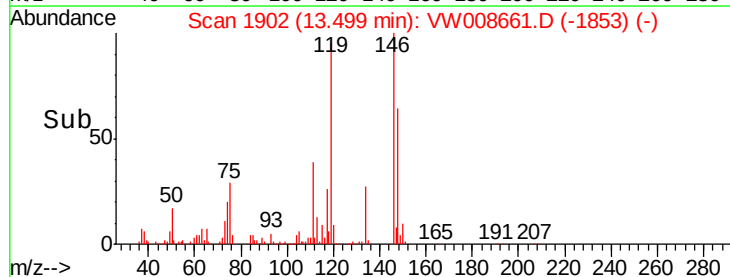
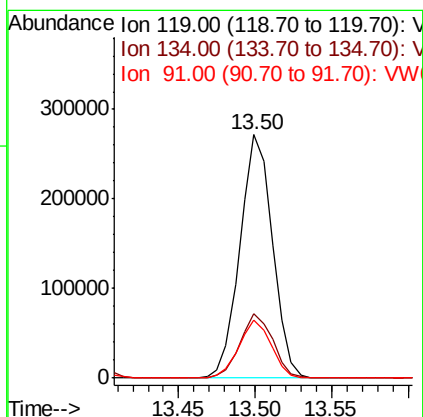
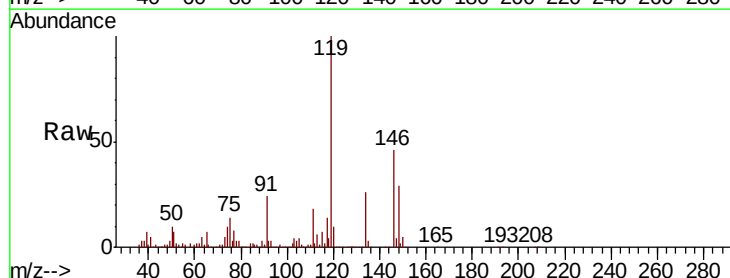
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

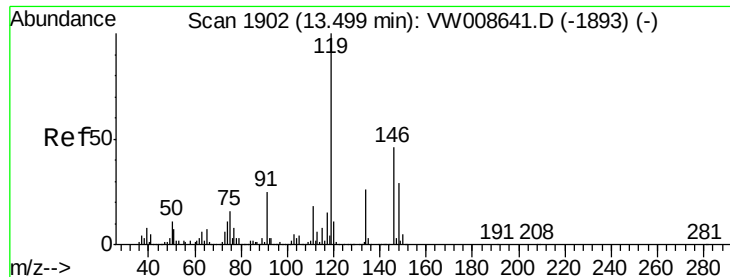
Tgt Ion:105 Resp: 454402
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.220 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion:119 Resp: 401532
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 23.7 12.3 36.9

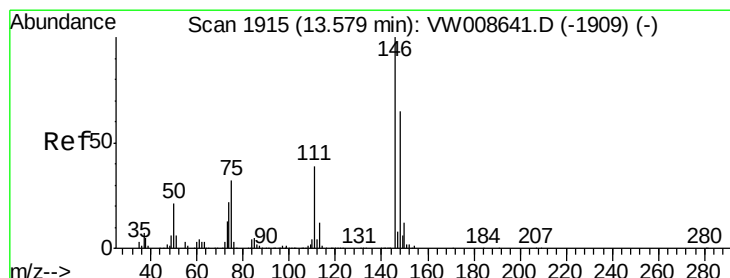
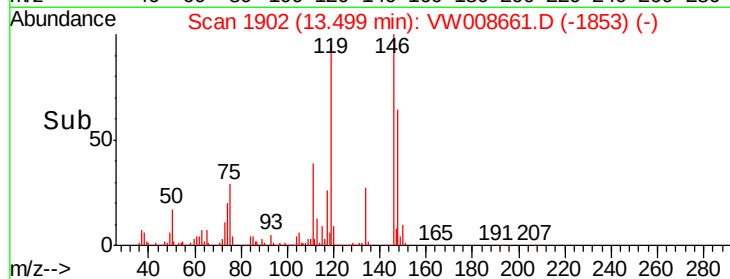
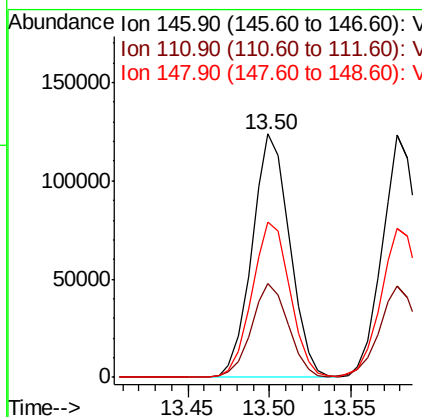
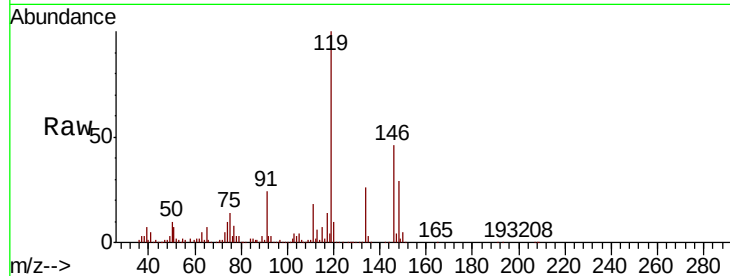




#87
 1,3-Dichlorobenzene
 Concen: 21.060 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

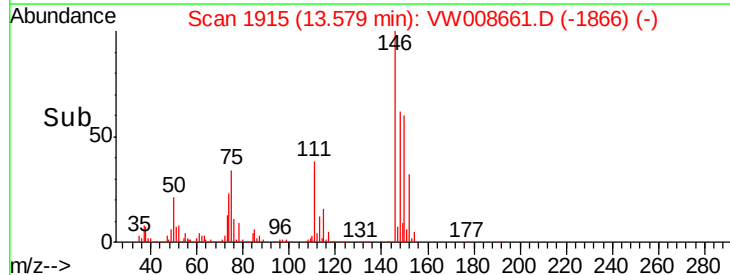
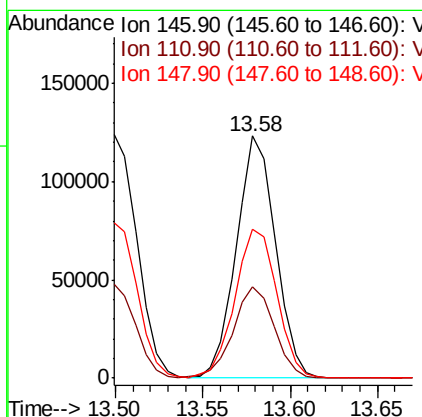
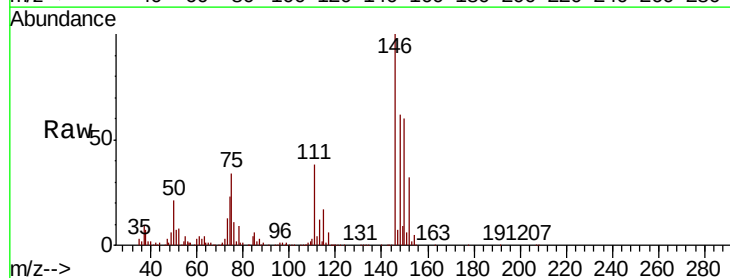
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

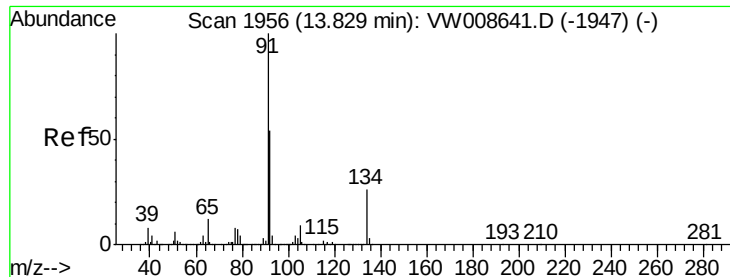
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.1
148	64.5	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.783 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.1
148	65.9	31.8	95.4





#89

n-Butylbenzene

Concen: 21.488 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW0214SBS01

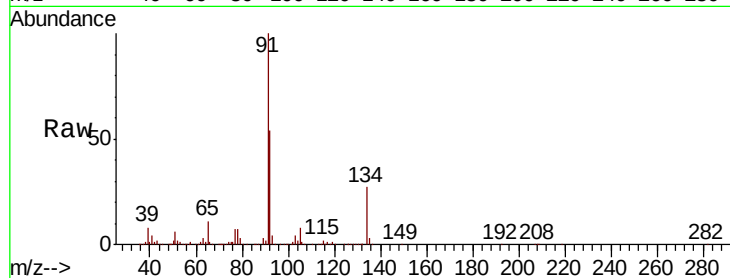
Tgt Ion: 91 Resp: 386401

Ion Ratio Lower Upper

91 100

92 54.4 26.8 80.4

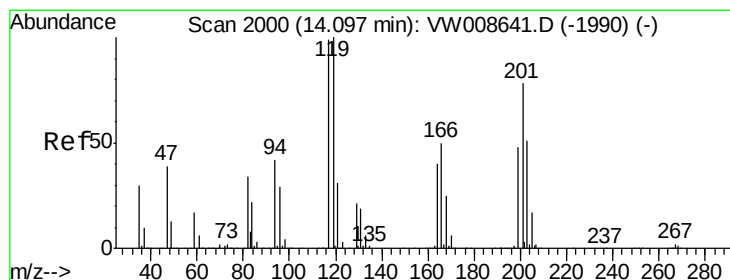
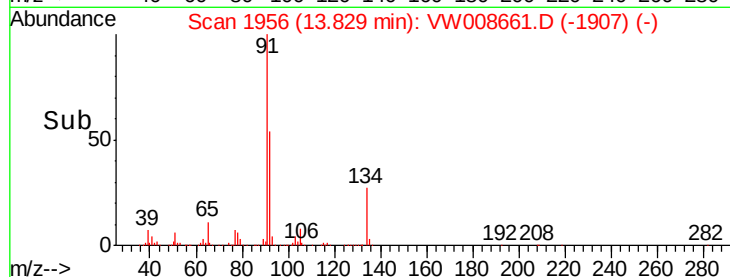
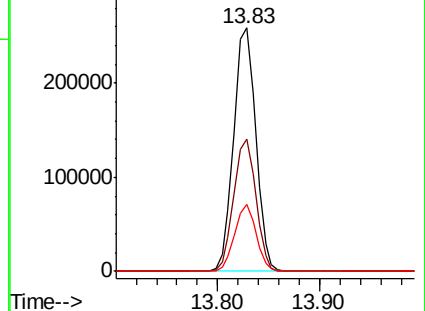
134 26.5 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.757 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008661.D

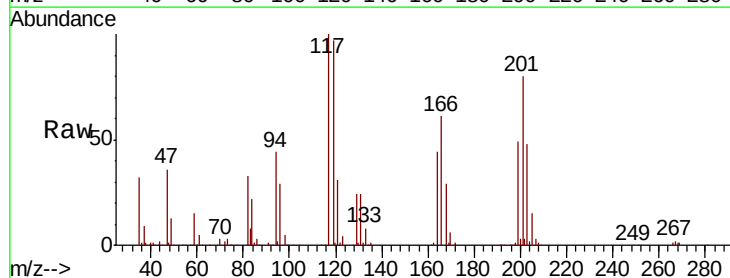
Acq: 14 Feb 2019 13:00

Tgt Ion: 117 Resp: 68623

Ion Ratio Lower Upper

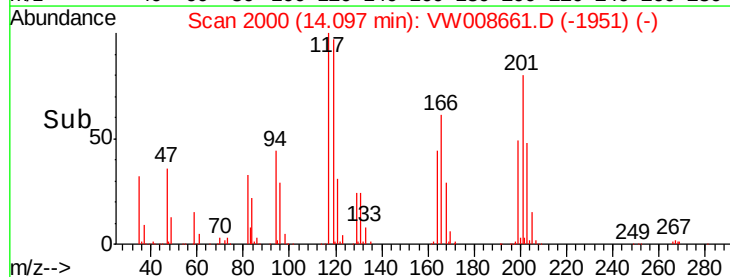
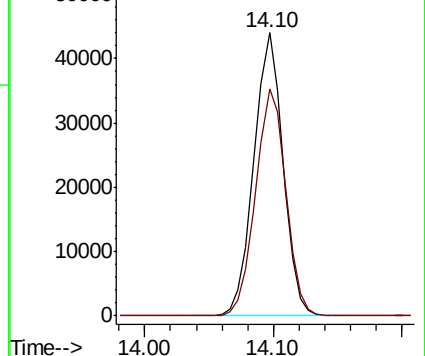
117 100

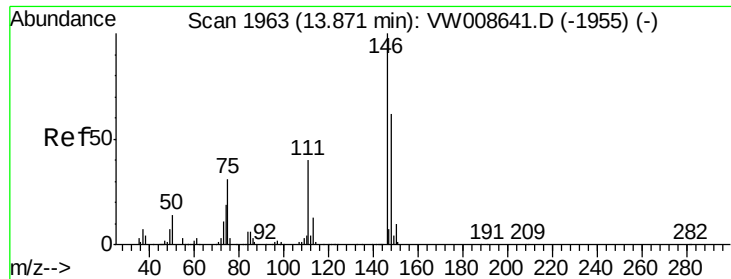
201 82.9 38.7 116.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

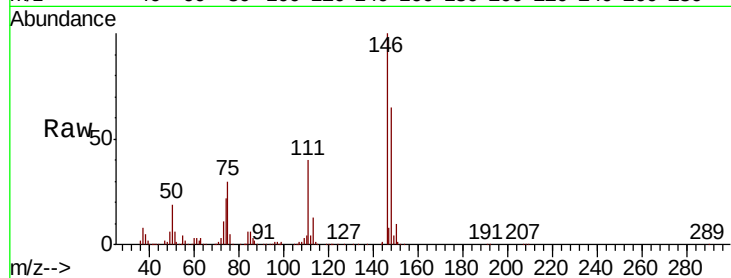




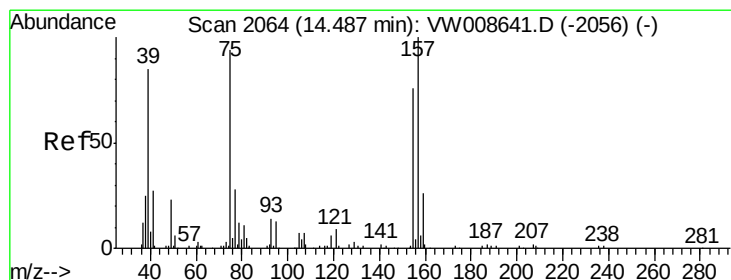
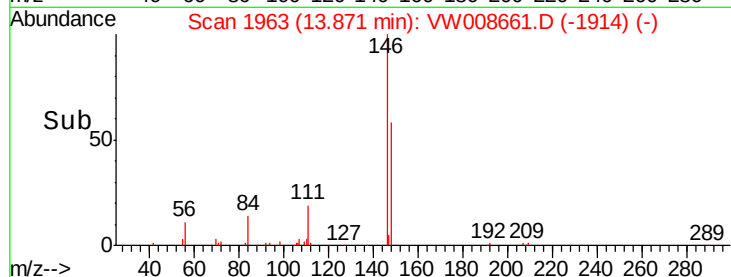
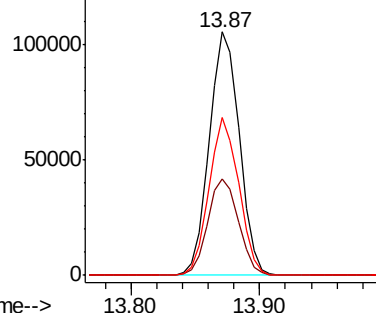
#91
 1,2-Dichlorobenzene
 Concen: 20.478 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

Tgt Ion: 146 Resp: 170283
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.5 61.5
 148 64.1 31.6 94.8

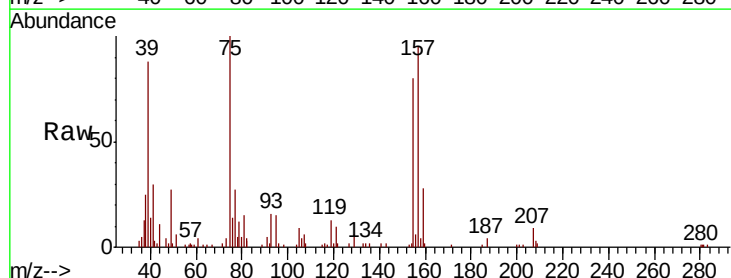


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

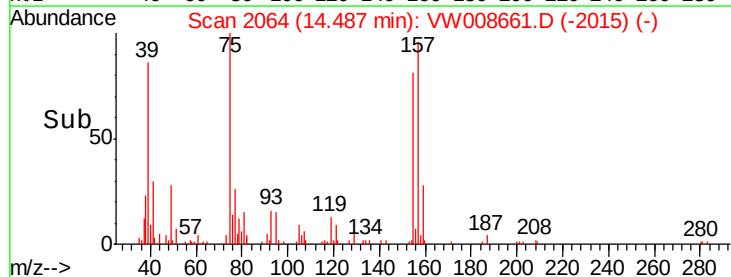
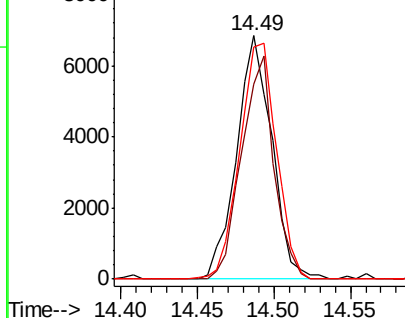


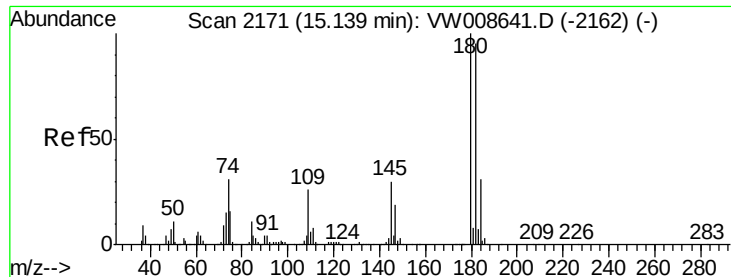
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.024 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion: 75 Resp: 10976
 Ion Ratio Lower Upper
 75 100
 155 84.1 41.8 125.4
 157 100.7 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

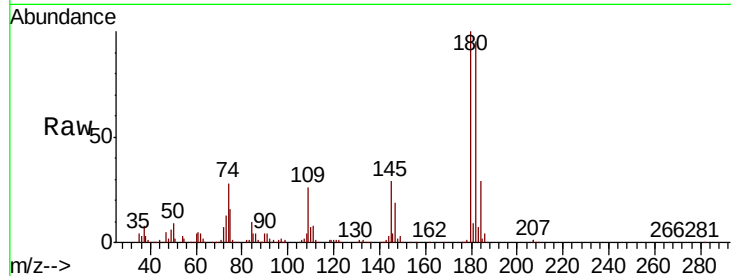




#93
 1,2,4-Trichlorobenzene
 Concen: 20.722 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0214SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.5
145	29.7	15.1	45.3

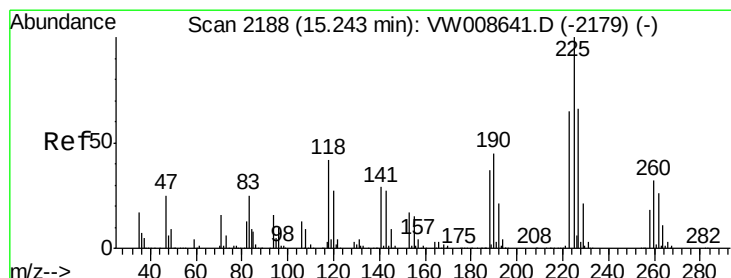
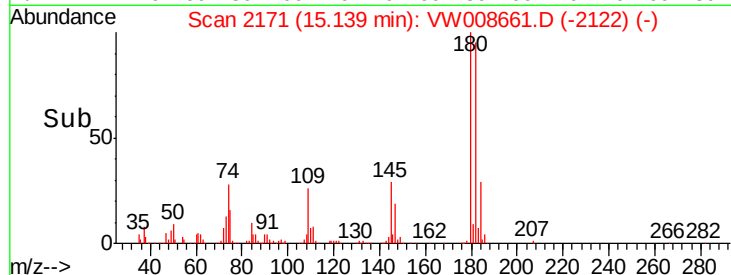
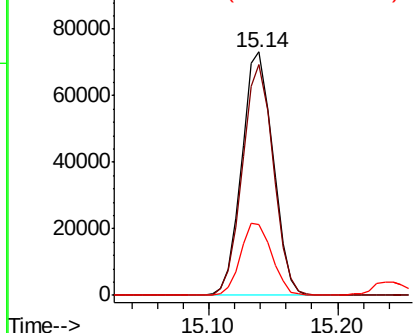


Abundance

Ion 179.80 (179.50 to 180.50): V

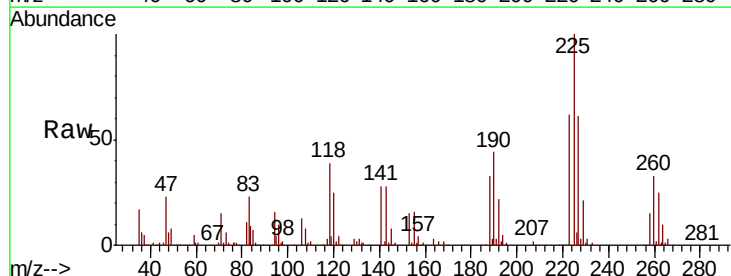
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 23.179 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008661.D
 Acq: 14 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.4	94.3
227	64.8	32.4	97.0

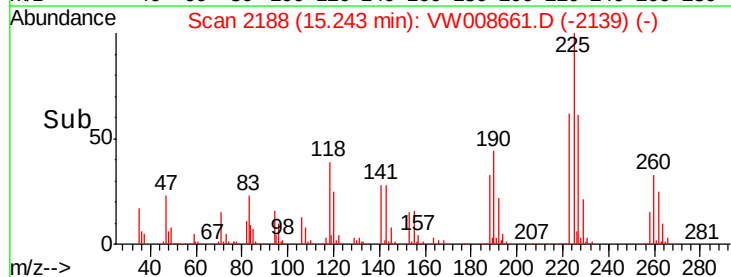
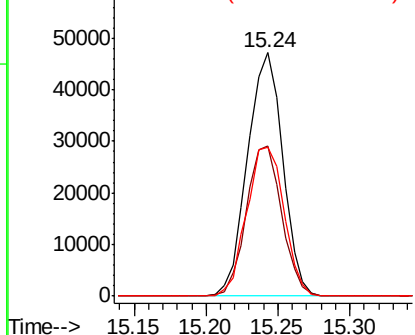


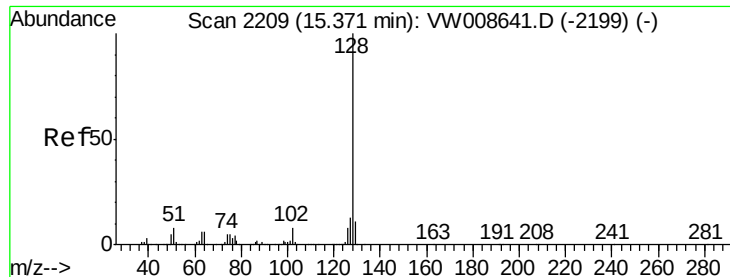
Abundance

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: 18.803 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW0214SBS01

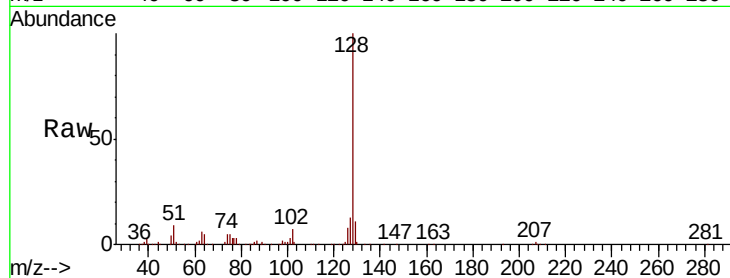
Tgt Ion:128 Resp: 199459

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 11.2 8.7 13.1

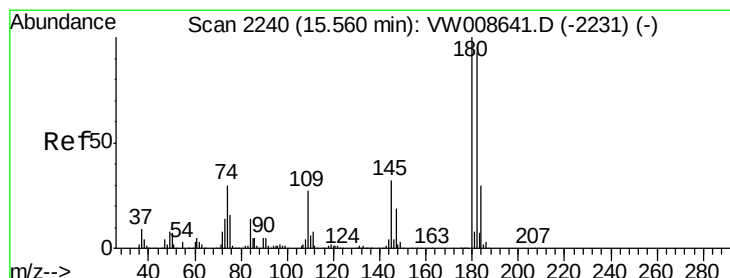
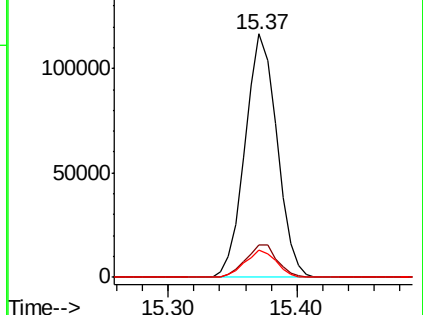
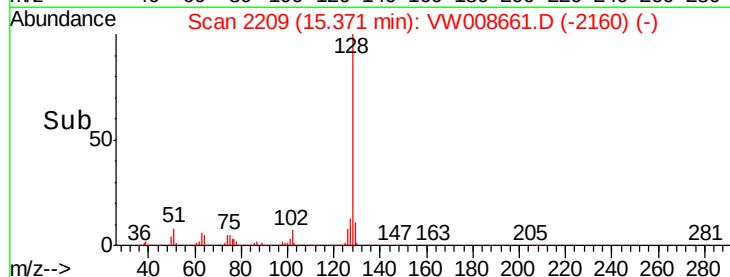


Abundance

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: 20.582 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW008661.D

Acq: 14 Feb 2019 13:00

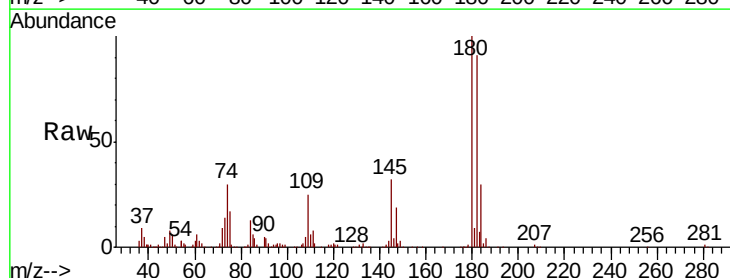
Tgt Ion:180 Resp: 104548

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 31.6 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

