

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052518\
 Data File : VW002861.D
 Acq On : 24 May 2018 23:41
 Operator : JC/SY
 Sample : VW0525SBS01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 25 08:51:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	289932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	275326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110846	57.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.96%	
35) Dibromofluoromethane	7.88	113	96266	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	10.33	98	364392	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.63	95	133584	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	12667	17.74	ug/l	96
3) Chloromethane	2.21	50	29646	21.71	ug/l	99
4) Vinyl Chloride	2.35	62	44791	20.92	ug/l	97
5) Bromomethane	2.76	94	36305	20.68	ug/l	96
6) Chloroethane	2.91	64	30647	20.80	ug/l	98
7) Trichlorofluoromethane	3.24	101	13579	14.39	ug/l	97
8) Diethyl Ether	3.67	74	29425	26.06	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	33141	21.20	ug/l	99
10) Methyl Iodide	4.26	142	51017	20.48	ug/l	98
11) Tert butyl alcohol	5.20	59	16745	113.95	ug/l	97
12) 1,1-Dichloroethene	4.03	96	32561	21.04	ug/l	93
13) Acrolein	3.88	56	10668	73.69	ug/l	91
14) Allyl chloride	4.65	41	39438	17.18	ug/l	96
15) Acrylonitrile	5.36	53	46071	113.15	ug/l	99
16) Acetone	4.12	43	43112	106.82	ug/l	98
17) Carbon Disulfide	4.37	76	85400	20.06	ug/l	100
18) Methyl Acetate	4.67	43	27632	23.49	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	63463	22.32	ug/l	97
20) Methylene Chloride	4.91	84	39742	23.28	ug/l	96
21) trans-1,2-Dichloroethene	5.40	96	35716	21.35	ug/l	94
22) Diisopropyl ether	6.31	45	112244	22.07	ug/l	99
23) Vinyl Acetate	6.26	43	339354	110.09	ug/l	100
24) 1,1-Dichloroethane	6.20	63	67007	21.86	ug/l	99
25) 2-Butanone	7.18	43	68691	120.36	ug/l	95
26) 2,2-Dichloropropane	7.15	77	28996	16.88	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	40854	21.41	ug/l	98
28) Bromochloromethane	7.51	49	33116	24.20	ug/l	96
29) Tetrahydrofuran	7.53	42	43517	122.06	ug/l	98
30) Chloroform	7.67	83	72762	22.23	ug/l	98
31) Cyclohexane	7.95	56	51812	19.08	ug/l	# 95
32) 1,1,1-Trichloroethane	7.87	97	50976	20.65	ug/l	98
36) 1,1-Dichloropropene	8.08	75	50889	19.89	ug/l	98
37) Ethyl Acetate	7.26	43	29634	23.35	ug/l	98
38) Carbon Tetrachloride	8.06	117	48906	19.52	ug/l	99

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 Sample : VW0525SBSD01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

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 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

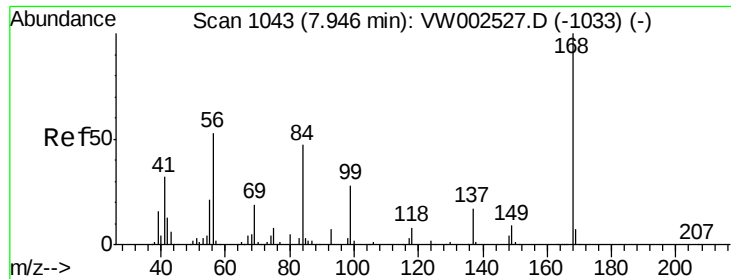
39) Methylcyclohexane	9.34	83	55191	18.83	ug/l	94
40) Benzene	8.32	78	153924	20.95	ug/l	96
41) Methacrylonitrile	7.49	41	16903	23.80	ug/l	93
42) 1,2-Dichloroethane	8.40	62	51624	22.13	ug/l	99
43) Isopropyl Acetate	8.43	43	55833	22.88	ug/l	100
44) Trichloroethene	9.10	130	40412	20.07	ug/l	93
45) 1,2-Dichloropropane	9.37	63	40135	21.44	ug/l	99
46) Dibromomethane	9.46	93	23442	22.01	ug/l	98
47) Bromodichloromethane	9.65	83	52824	21.26	ug/l	97
48) Methyl methacrylate	9.45	41	28097	23.76	ug/l	94
49) 1,4-Dioxane	9.45	88	8304	467.79	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	154434	115.25	ug/l	99
52) Toluene	10.39	92	98812	21.27	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	49518	19.71	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	57566	20.56	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33638	22.41	ug/l	97
56) Ethyl methacrylate	10.65	69	39615	21.66	ug/l	99
57) 1,3-Dichloropropane	10.94	76	55018	22.10	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	103530	115.32	ug/l	99
59) 2-Hexanone	10.98	43	107520	116.22	ug/l	98
60) Dibromochloromethane	11.13	129	38046	21.49	ug/l	97
61) 1,2-Dibromoethane	11.24	107	32047	22.13	ug/l	99
64) Tetrachloroethene	10.87	164	46413	23.92	ug/l	98
65) Chlorobenzene	11.66	112	111725	20.37	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	40672	20.72	ug/l	99
67) Ethyl Benzene	11.74	91	185059	19.86	ug/l	97
68) m/p-Xylenes	11.85	106	143987	39.74	ug/l	100
69) o-Xylene	12.18	106	68320	19.84	ug/l	100
70) Styrene	12.19	104	116483	20.33	ug/l	99
71) Bromoform	12.36	173	23817	20.65	ug/l #	99
73) Isopropylbenzene	12.48	105	181074	19.32	ug/l	100
74) N-amyl acetate	12.28	43	52610	22.03	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	41320	21.76	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	51254	35.66	ug/l #	100
77) Bromobenzene	12.76	156	48985	20.48	ug/l	99
78) n-propylbenzene	12.81	91	224933	19.87	ug/l	100
79) 2-Chlorotoluene	12.90	91	130265	20.26	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	160376	20.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10270	19.48	ug/l	96
82) 4-Chlorotoluene	13.00	91	140326	20.19	ug/l	99
83) tert-Butylbenzene	13.21	119	134338	19.45	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	165539	19.93	ug/l	98
85) sec-Butylbenzene	13.40	105	195279	19.67	ug/l	99
86) p-Isopropyltoluene	13.51	119	172941	19.37	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	98362	20.33	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	97155	20.19	ug/l	99
89) n-Butylbenzene	13.83	91	160136	18.96	ug/l	99
90) Hexachloroethane	14.10	117	31489	19.70	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	91528	20.85	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7643	22.81	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	64597	20.22	ug/l	99
94) Hexachlorobutadiene	15.25	225	35756	20.11	ug/l	99
95) Naphthalene	15.38	128	124439	21.42	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	61070	21.36	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002861.D

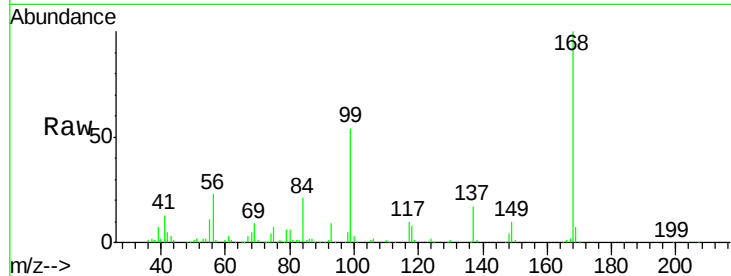
Acq: 24 May 2018 23:41

Tot Ion:168 Resp: 185000

Ion Ratio Lower Upper

168 100

99 53.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

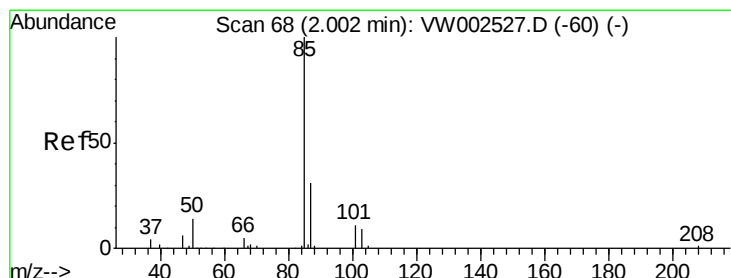
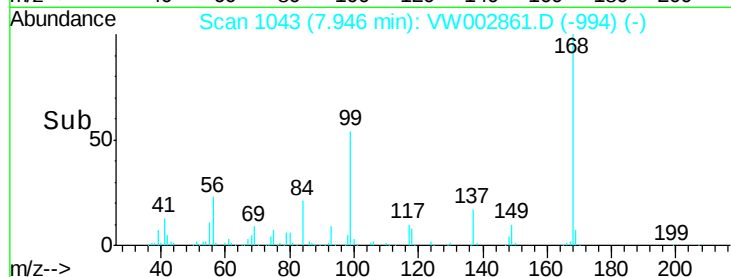
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.74 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002861.D

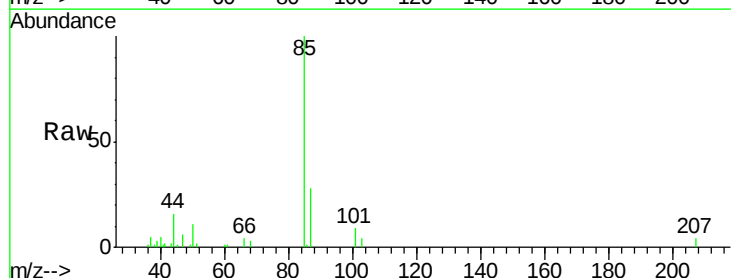
Acq: 24 May 2018 23:41

Tgt Ion: 85 Resp: 12667

Ion Ratio Lower Upper

85 100

87 28.3 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

5000

4000

3000

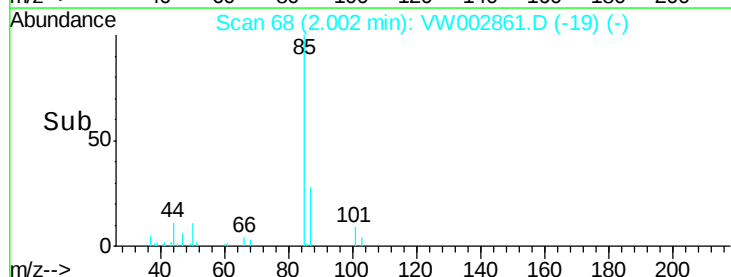
2000

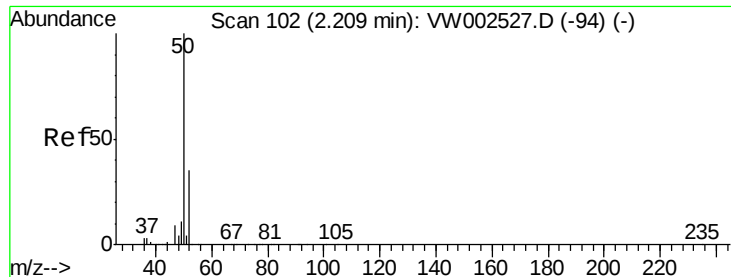
1000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.71 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002861.D

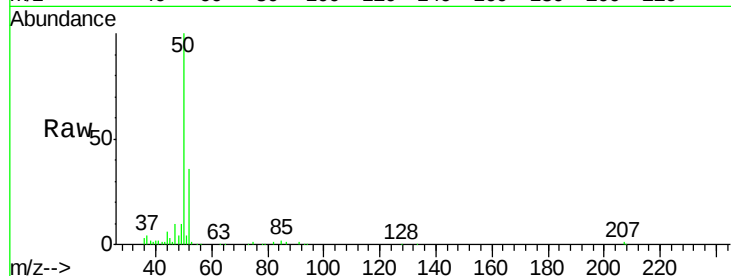
Acq: 24 May 2018 23:41

Tot Ion: 50 Resp: 29646

Ion Ratio Lower Upper

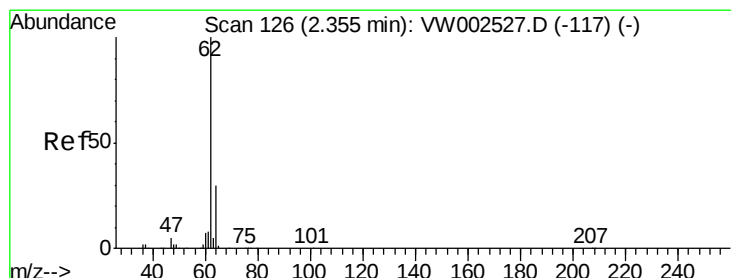
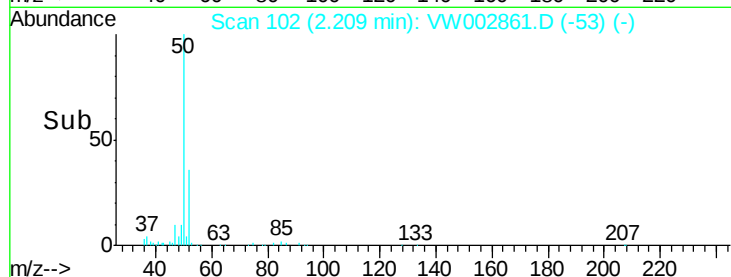
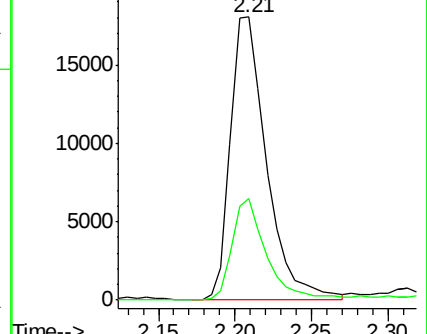
50 100

52 35.4 27.8 41.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.92 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW002861.D

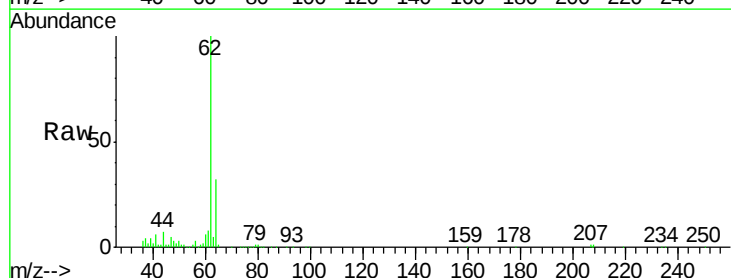
Acq: 24 May 2018 23:41

Tgt Ion: 62 Resp: 44791

Ion Ratio Lower Upper

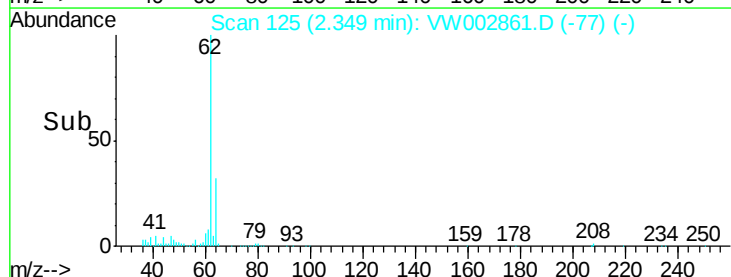
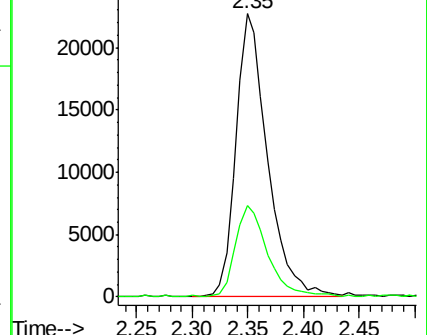
62 100

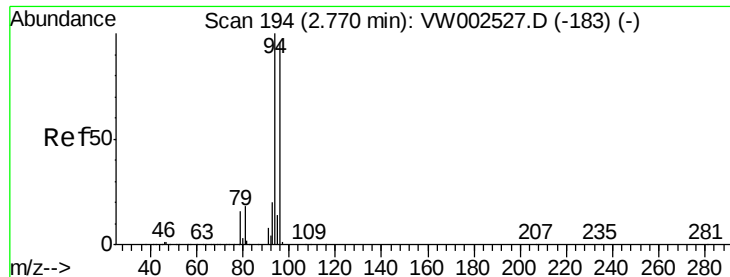
64 31.9 24.0 36.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 20.68 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002861.D

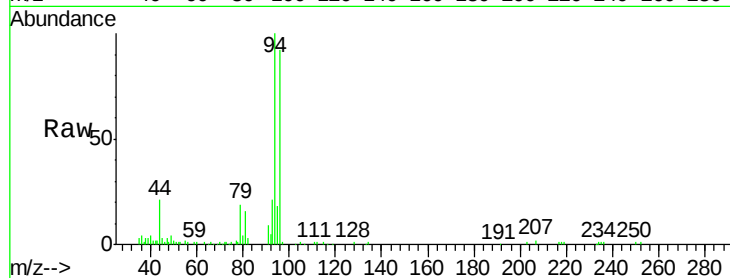
Acq: 24 May 2018 23:41

Tot Ion: 94 Resp: 36305

Ion Ratio Lower Upper

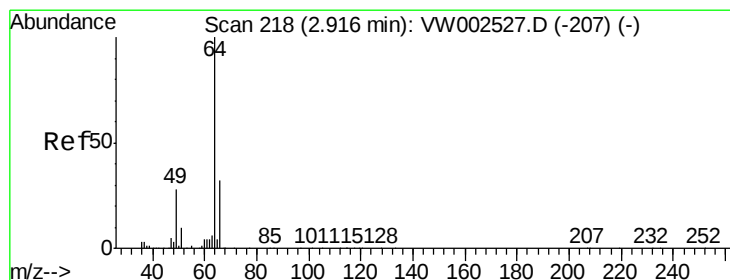
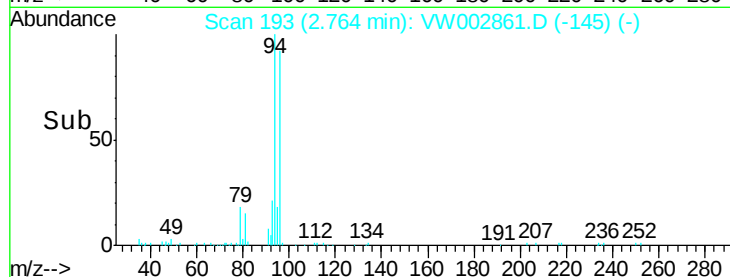
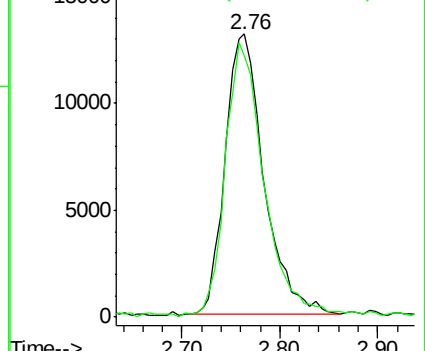
94 100

96 91.9 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.80 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW002861.D

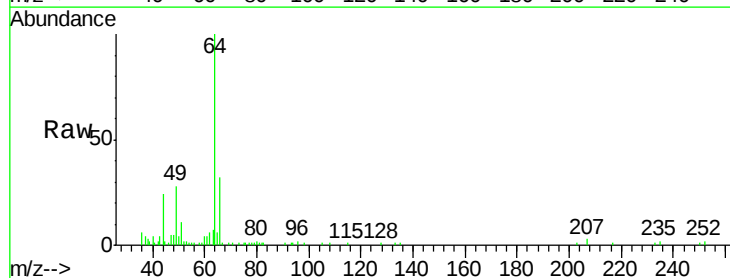
Acq: 24 May 2018 23:41

Tgt Ion: 64 Resp: 30647

Ion Ratio Lower Upper

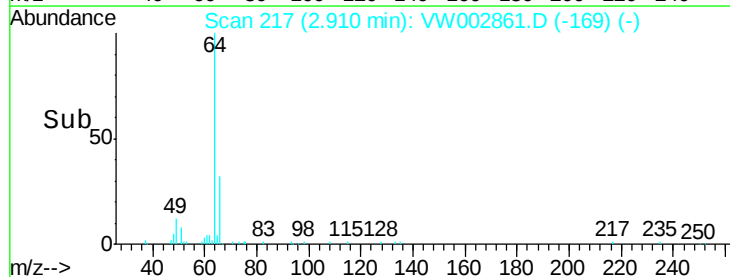
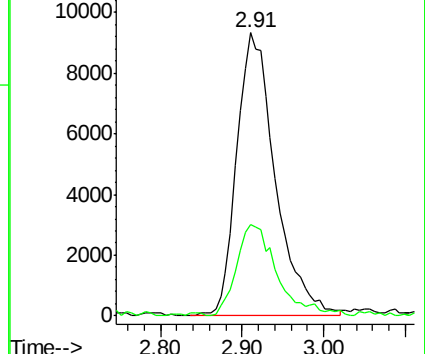
64 100

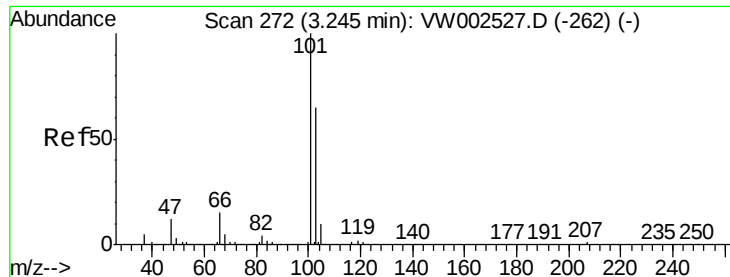
66 31.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

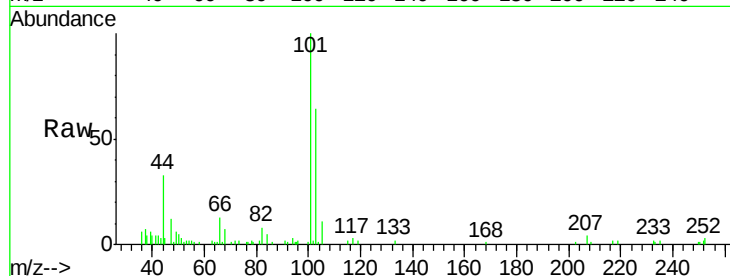




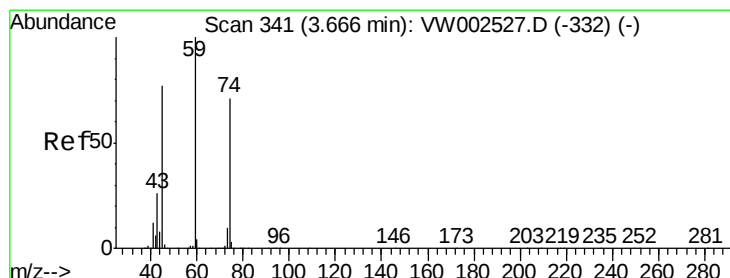
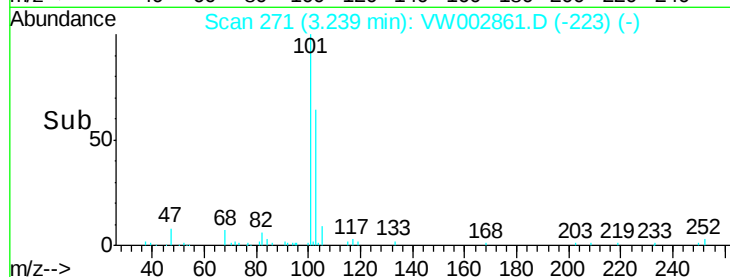
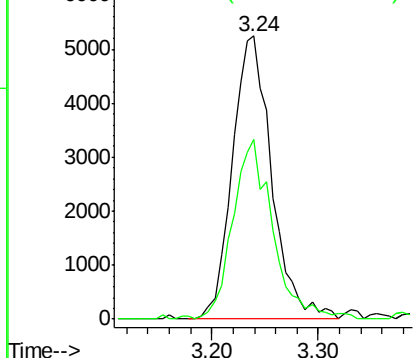
#7

Trichlorofluoromethane
Concen: 14.39 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tot Ion:101 Resp: 13579
Ion Ratio Lower Upper
101 100
103 62.4 51.8 77.8



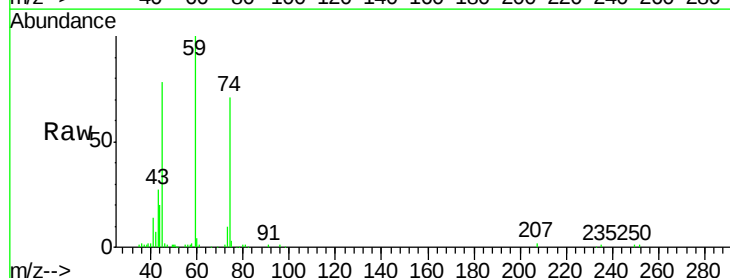
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



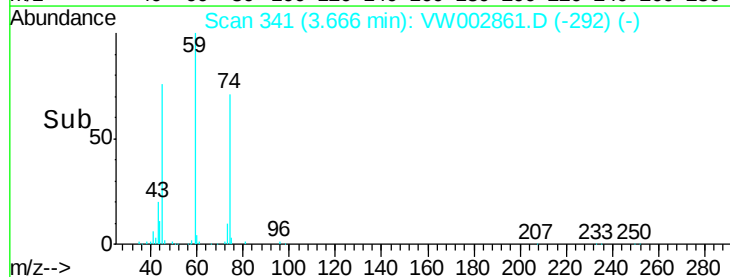
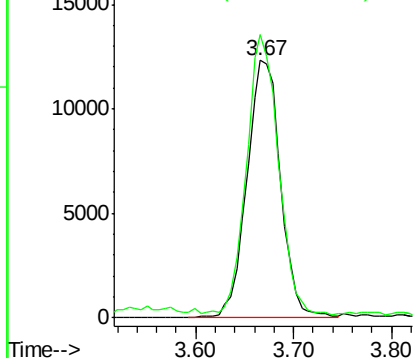
#8

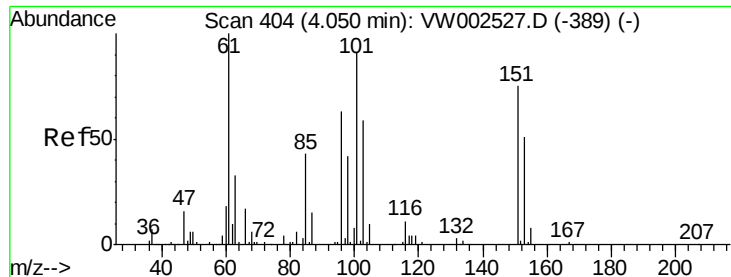
Diethyl Ether
Concen: 26.06 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tgt Ion: 74 Resp: 29425
Ion Ratio Lower Upper
74 100
45 102.9 52.3 156.8



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.20 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

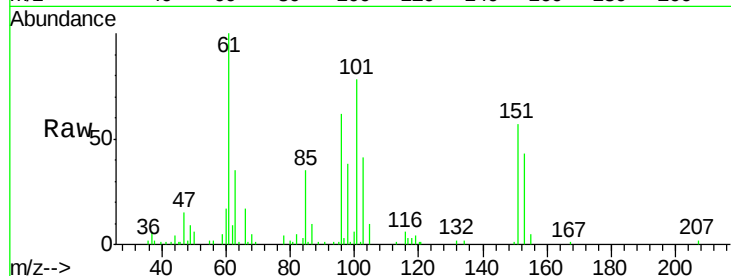
Tot Ion:101 Resp: 33141

Ion Ratio Lower Upper

101 100

85 45.6 36.5 54.7

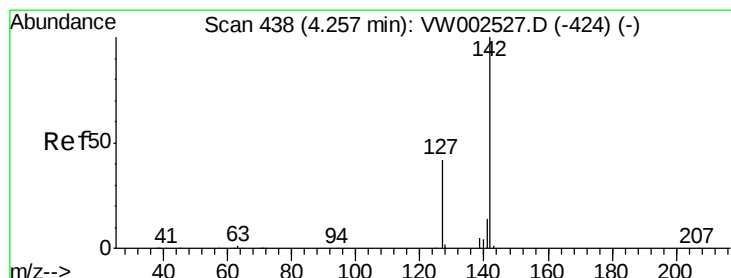
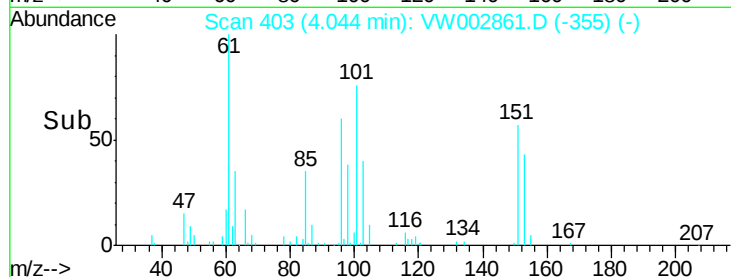
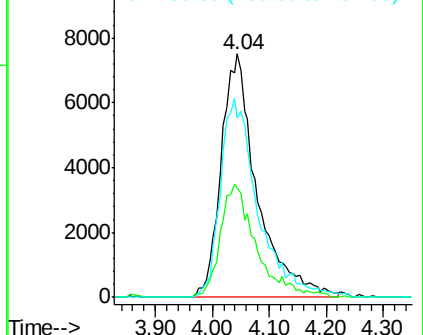
151 85.4 66.7 100.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.48 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

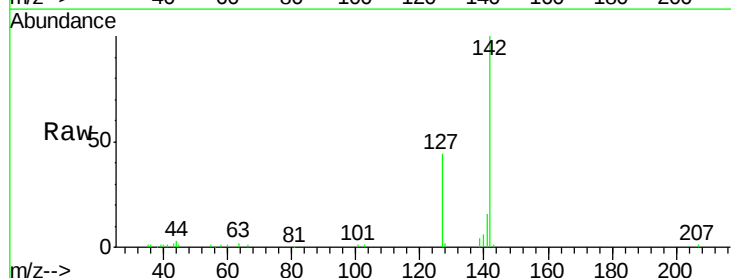
Tgt Ion:142 Resp: 51017

Ion Ratio Lower Upper

142 100

127 44.3 34.6 52.0

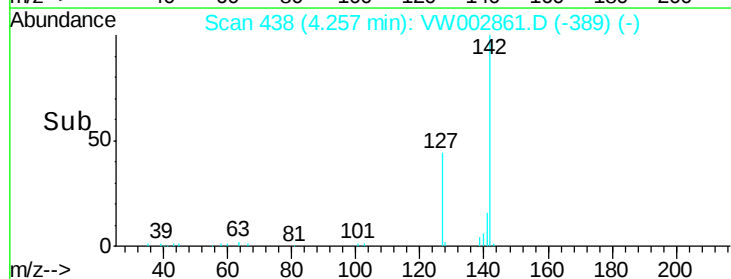
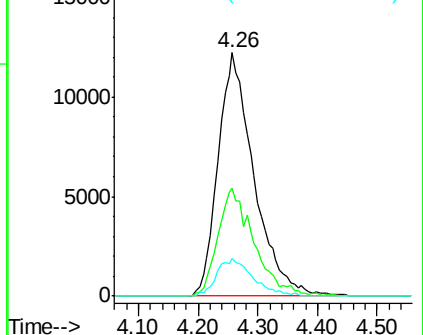
141 15.4 11.8 17.8

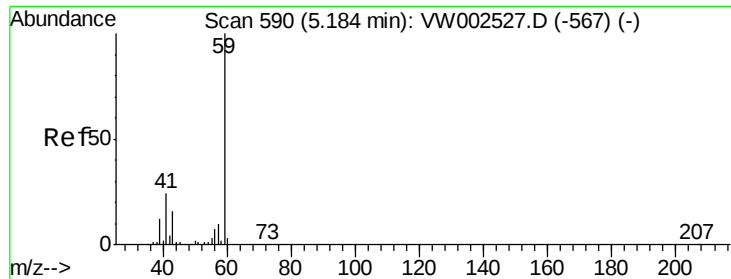


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 113.95 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW002861.D

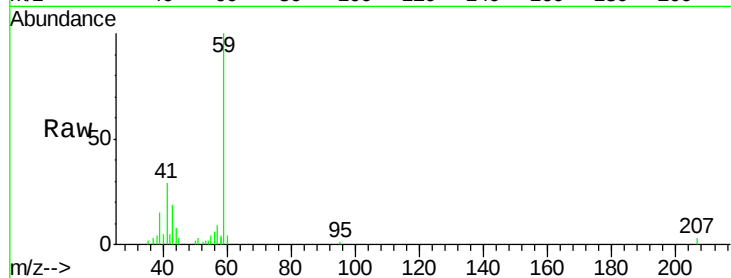
Acq: 24 May 2018 23:41

Tot Ion: 59 Resp: 16745

Ion Ratio Lower Upper

59 100

57 11.3 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

4000

3000

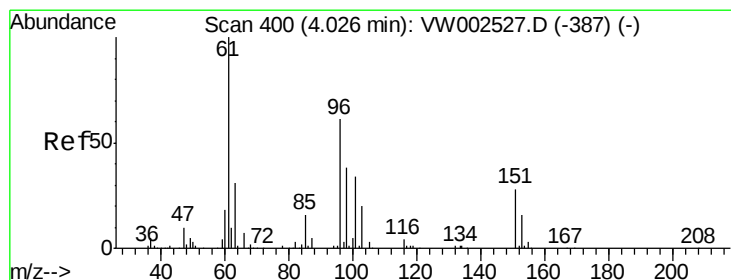
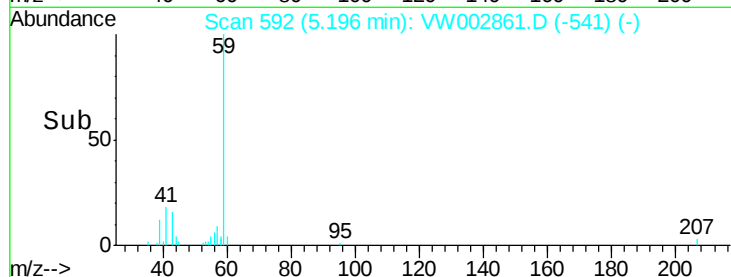
2000

1000

0

5.10 5.20 5.30 5.40

Time-->



#12

1,1-Dichloroethene

Concen: 21.04 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

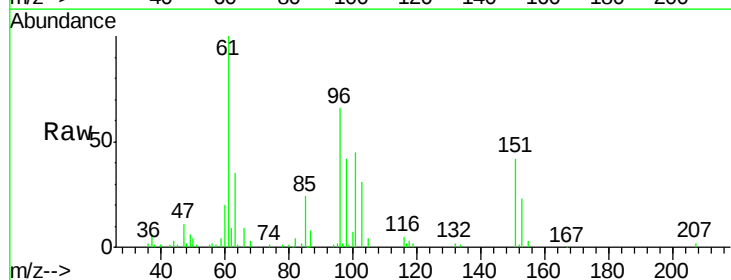
Tgt Ion: 96 Resp: 32561

Ion Ratio Lower Upper

96 100

61 151.5 132.2 198.2

98 63.7 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

15000

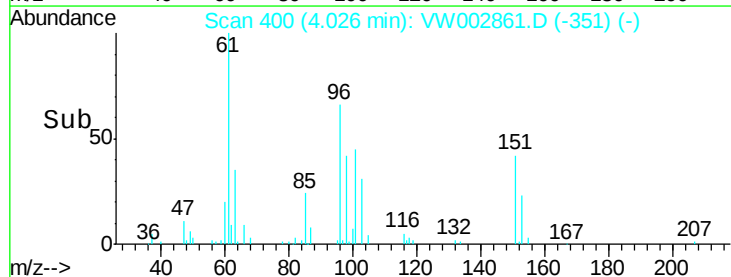
10000

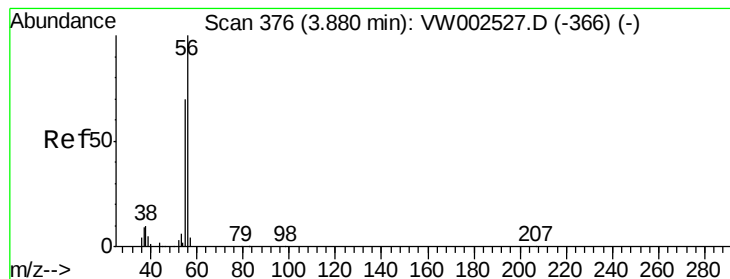
5000

0

3.90 4.00 4.10 4.20

Time-->





#13

Acrolein

Concen: 73.69 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: VW002861.D

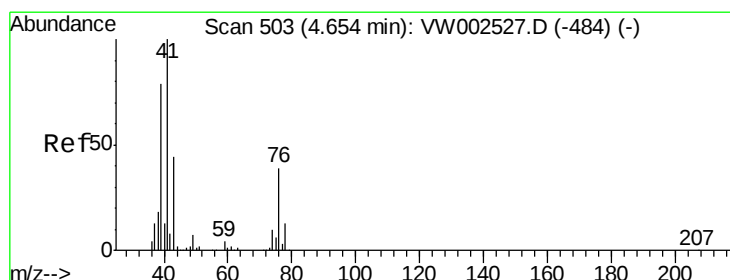
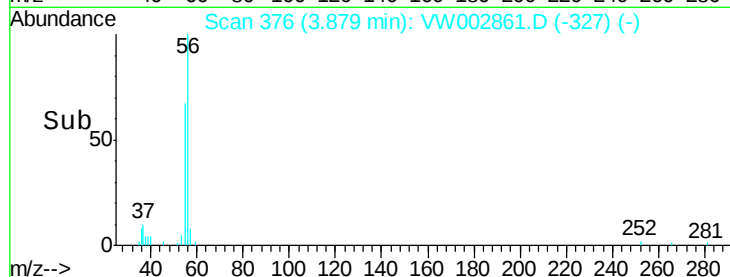
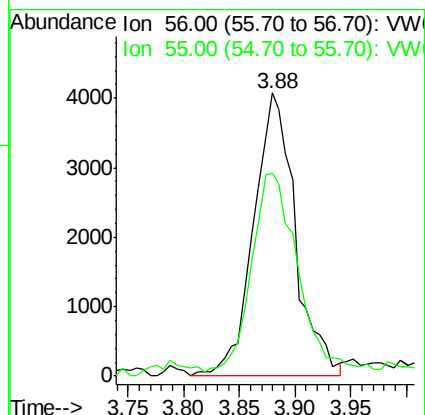
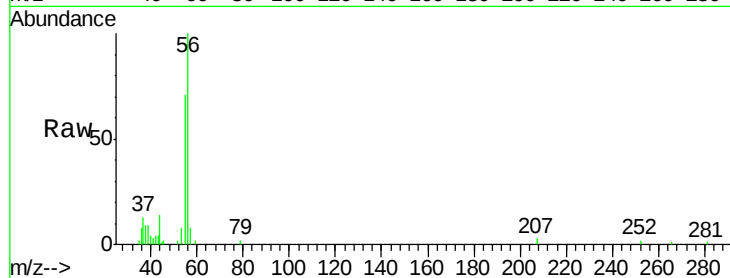
Acq: 24 May 2018 23:41

Tot Ion: 56 Resp: 10668

Ion Ratio Lower Upper

56 100

55 78.3 57.0 85.4



#14

Allyl chloride

Concen: 17.18 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

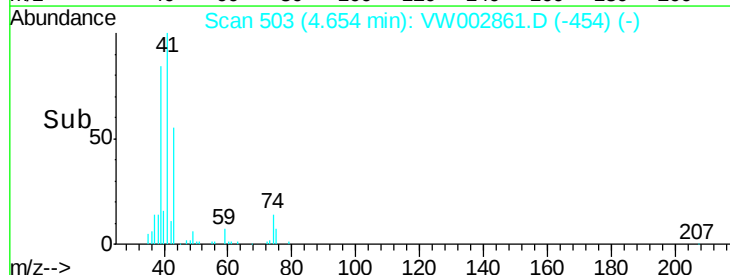
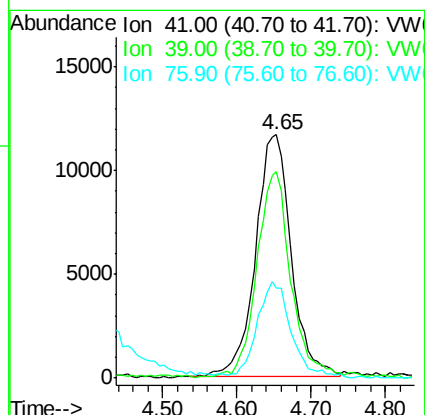
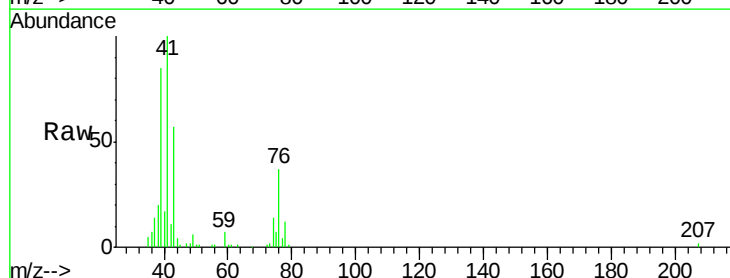
Tgt Ion: 41 Resp: 39438

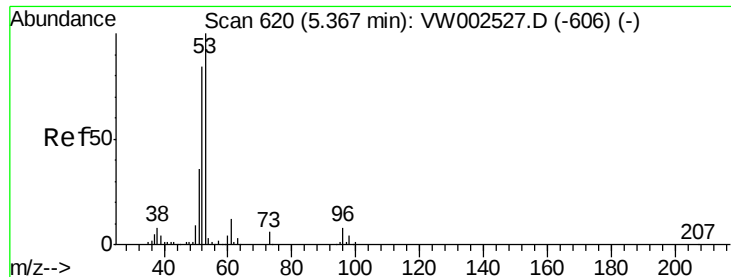
Ion Ratio Lower Upper

41 100

39 81.3 61.4 92.2

76 38.0 29.6 44.4





#15

Acrylonitrile

Concen: 113.15 ug/l

RT: 5.36 min Scan# 619

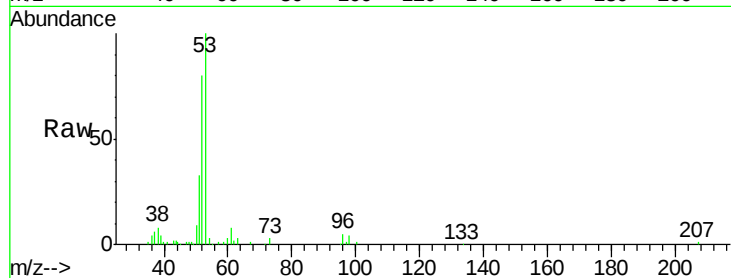
Delta R.T. -0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

Tot Ion: 53 Resp: 46071

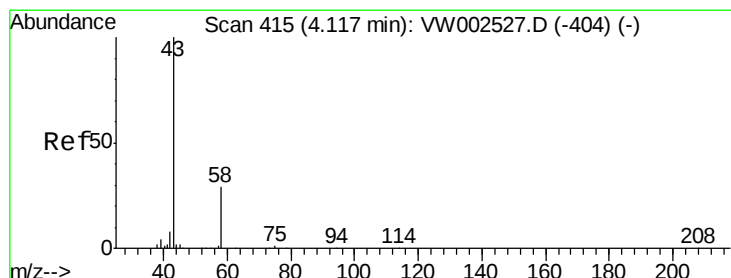
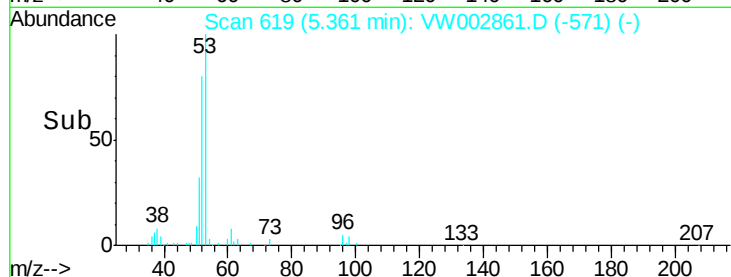
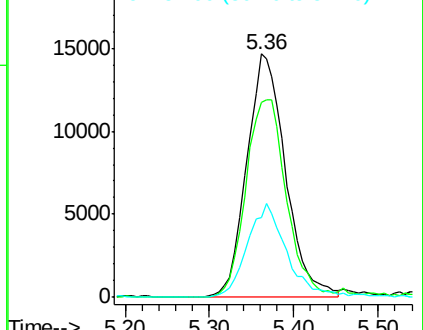
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.6	100.0
51	38.7	30.6	46.0



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: 106.82 ug/l

RT: 4.12 min Scan# 416

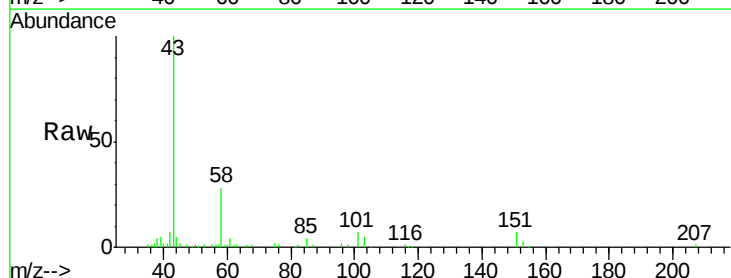
Delta R.T. 0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

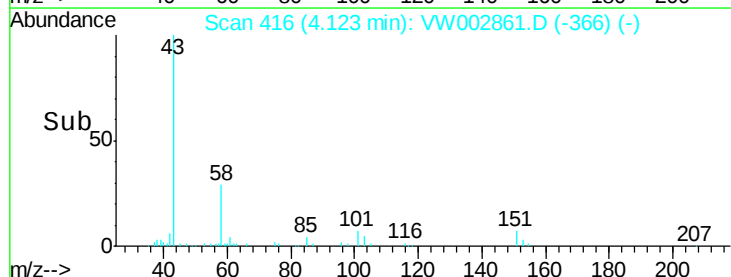
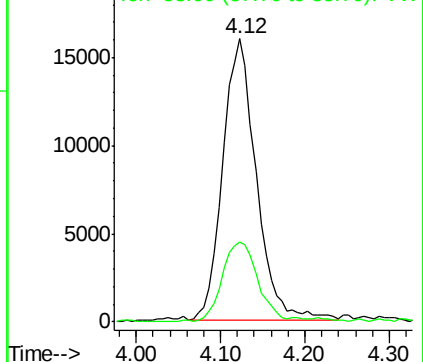
Tgt Ion: 43 Resp: 43112

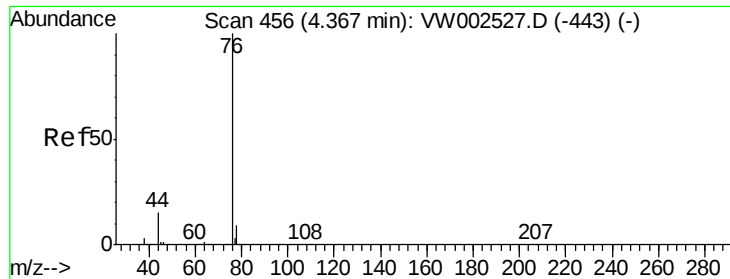
Ion	Ratio	Lower	Upper
43	100		
58	28.1	23.4	35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

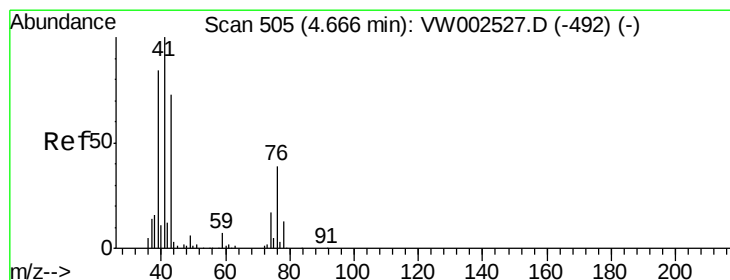
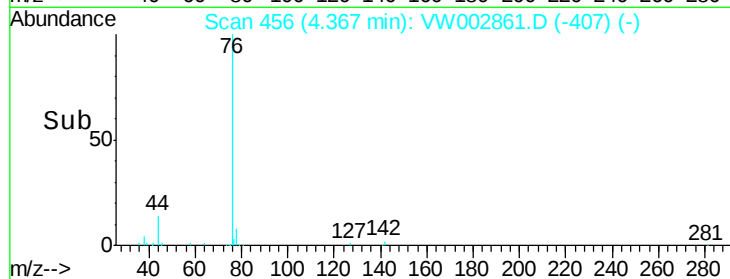
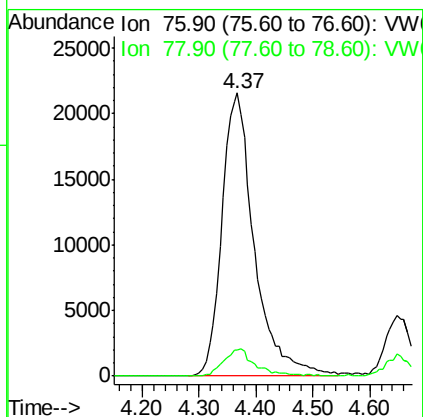
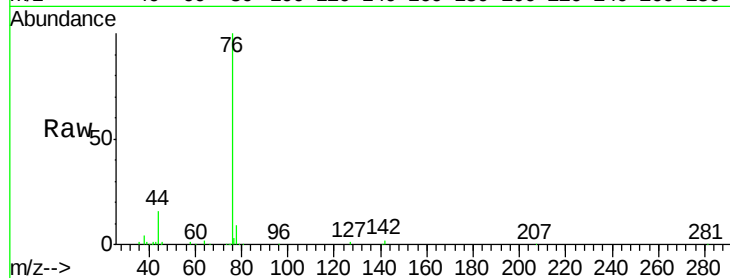
Ion 58.00 (57.70 to 58.70): VW





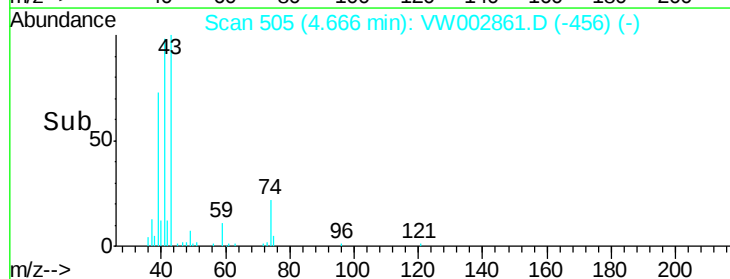
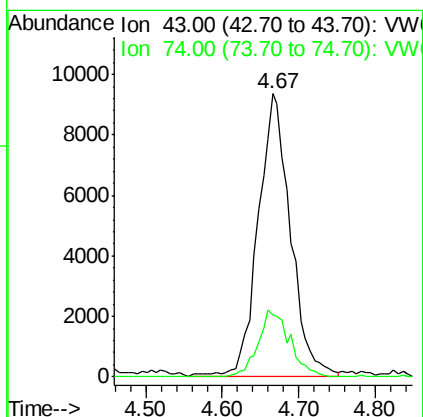
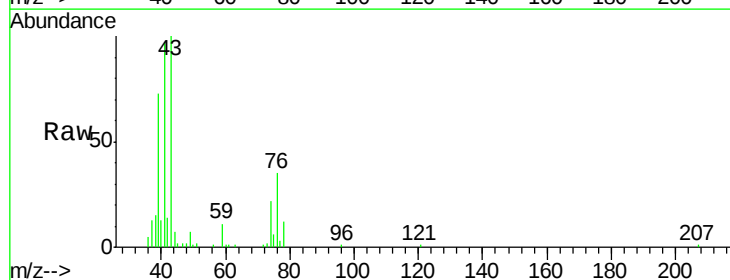
#17
Carbon Disulfide
Concen: 20.06 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

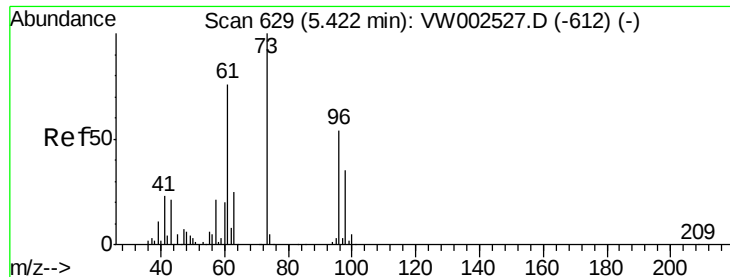
Tot Ion: 76 Resp: 85400
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 23.49 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tgt Ion: 43 Resp: 27632
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8

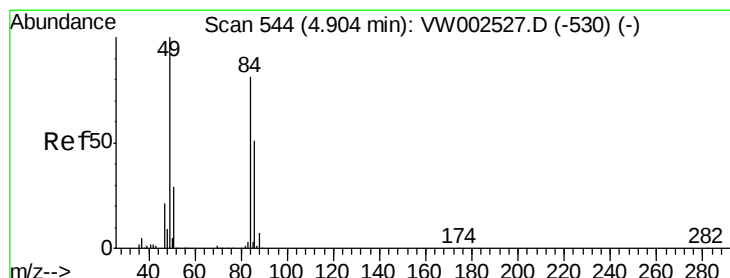
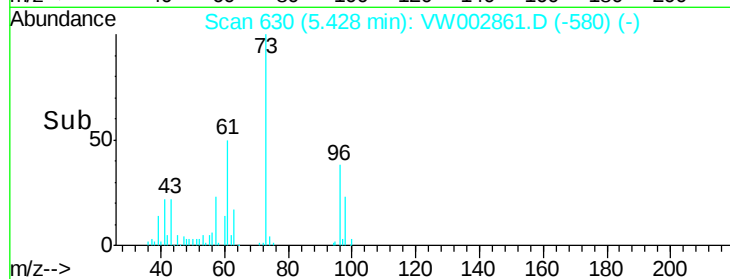
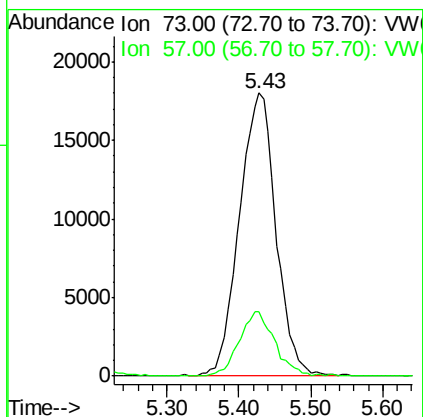
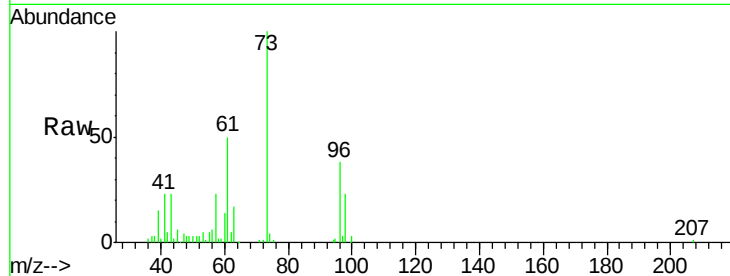




#19

Methvl tert-butvl Ether
 Concen: 22.32 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

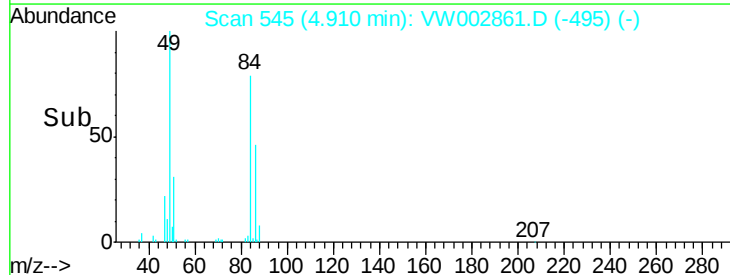
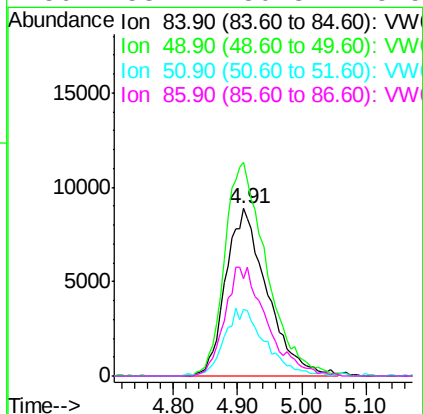
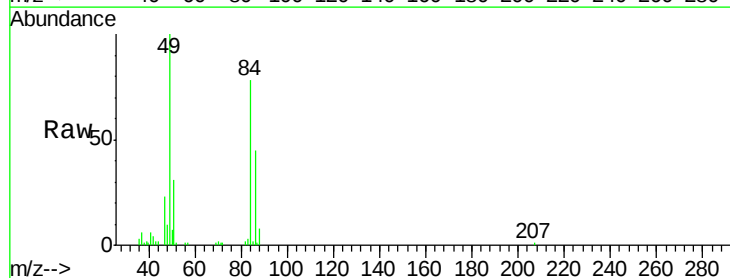
Tot Ion: 73 Resp: 63463
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.0 25.6

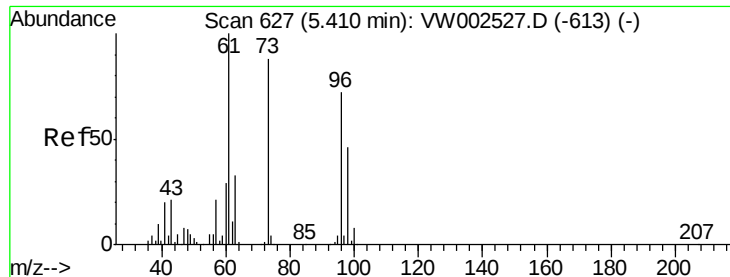


#20

Methylene Chloride
 Concen: 23.28 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.01 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

Tgt Ion: 84 Resp: 39742
 Ion Ratio Lower Upper
 84 100
 49 127.1 99.4 149.0
 51 38.5 29.0 43.6
 86 58.1 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 21.35 ug/l

RT: 5.40 min Scan# 626

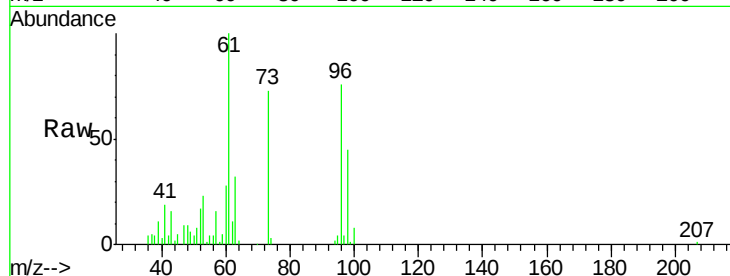
Delta R.T. -0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

Tot Ion: 96 Resp: 35716

Ion	Ratio	Lower	Upper
96	100		
61	132.1	111.6	167.4
98	59.4	51.7	77.5

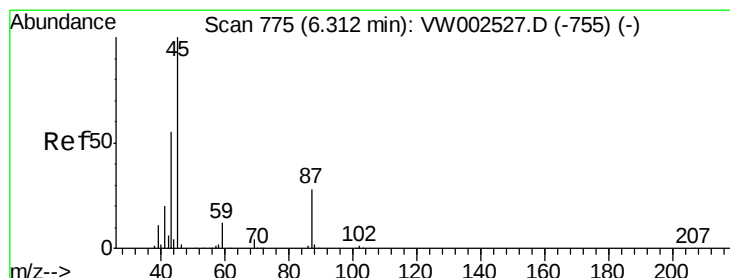
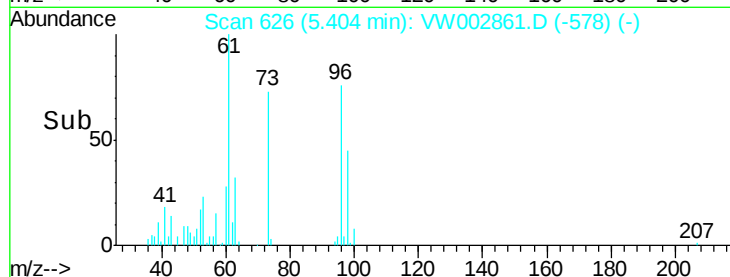
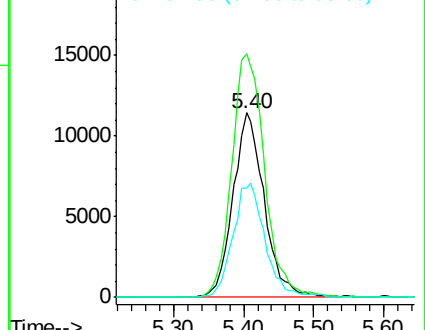


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 22.07 ug/l

RT: 6.31 min Scan# 775

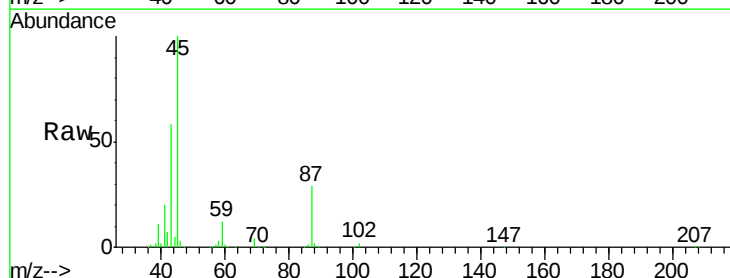
Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

Tgt Ion: 45 Resp: 112244

Ion	Ratio	Lower	Upper
45	100		
43	56.7	44.4	66.6
87	29.0	23.0	34.4
59	11.5	9.4	14.2



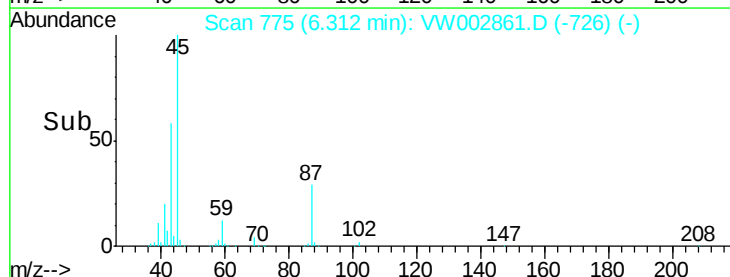
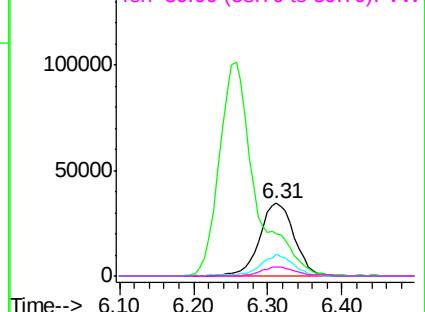
Abundance

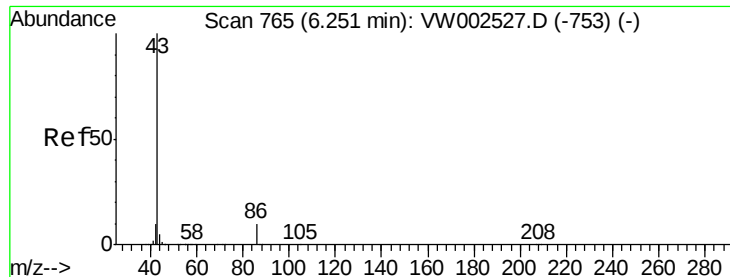
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 110.09 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.01 min

Lab File: VW002861.D

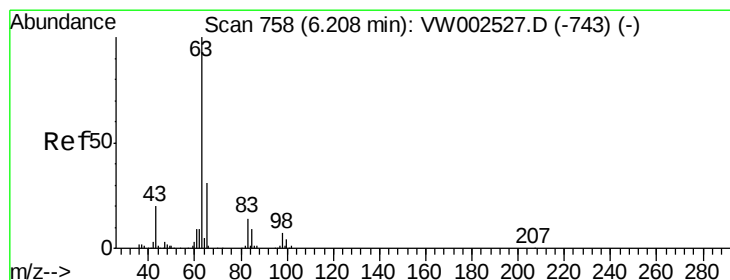
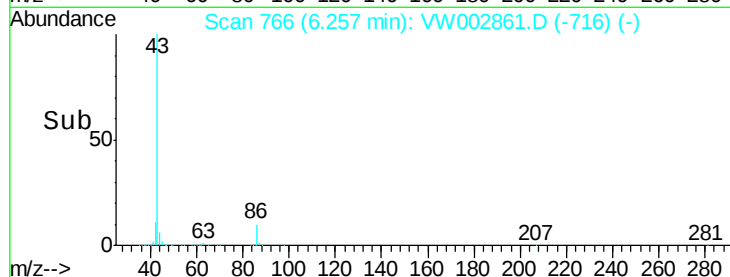
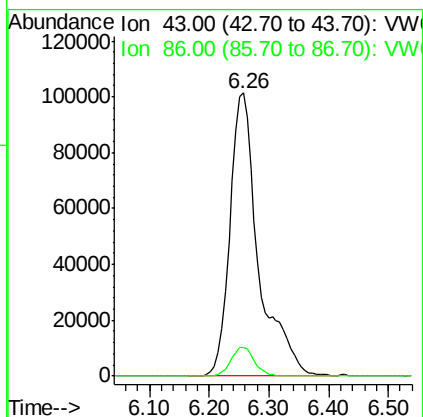
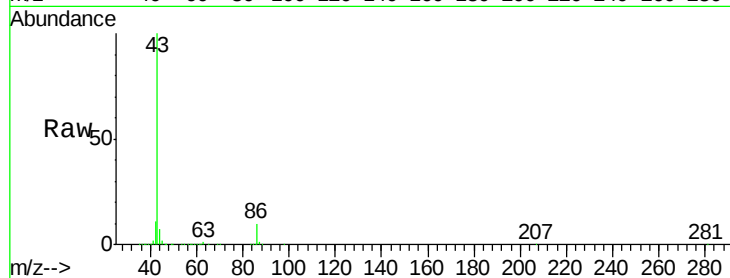
Acq: 24 May 2018 23:41

Tot Ion: 43 Resp: 339354

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 21.86 ug/l

RT: 6.20 min Scan# 757

Delta R.T. -0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

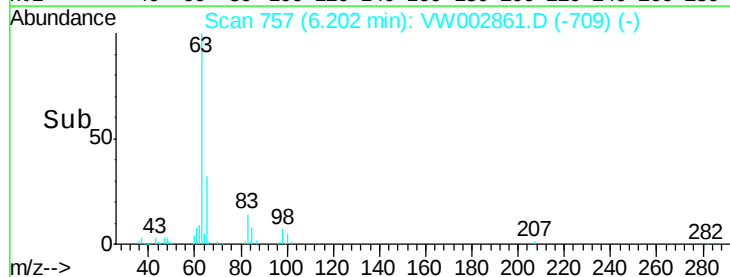
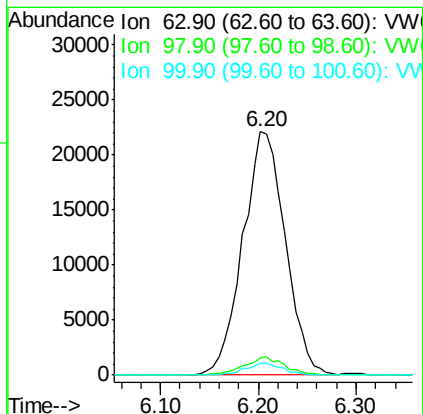
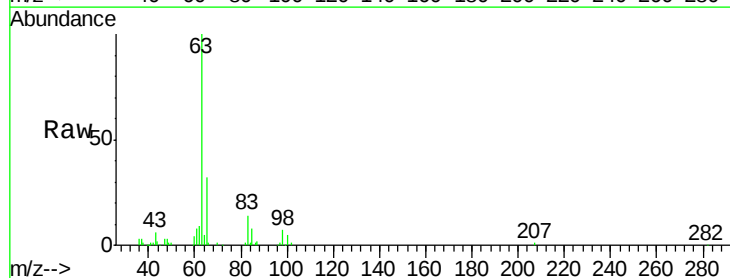
Tgt Ion: 63 Resp: 67007

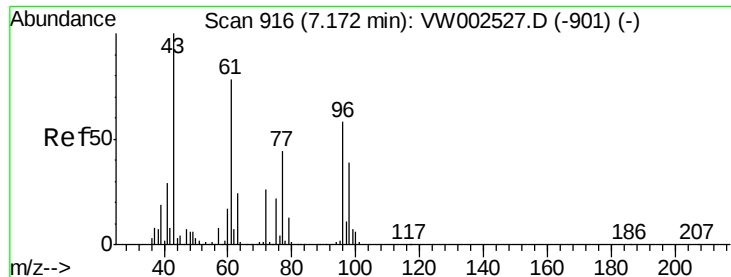
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 5.1 2.1 6.5





#25

2-Butanone

Concen: 120.36 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW002861.D

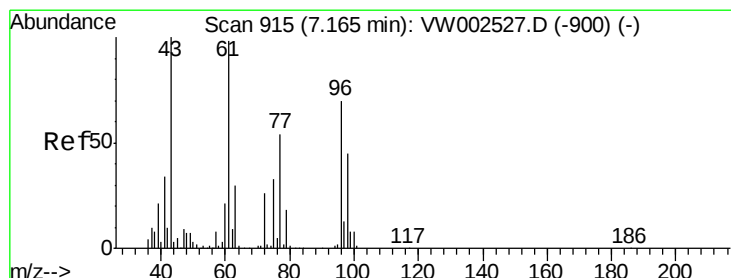
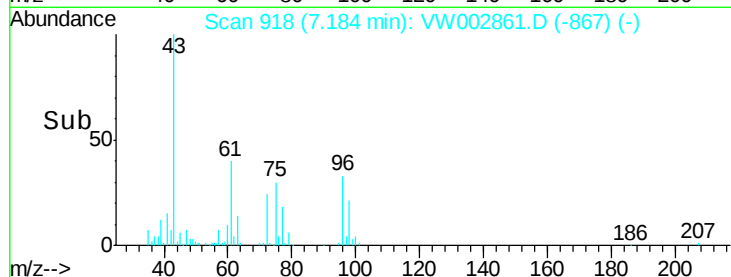
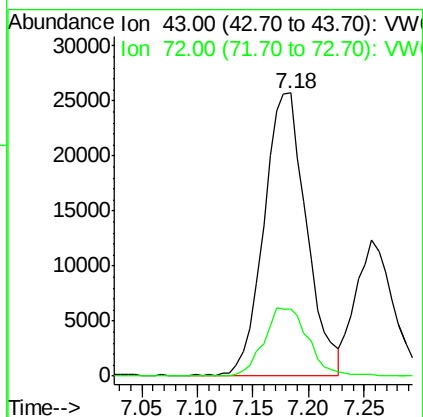
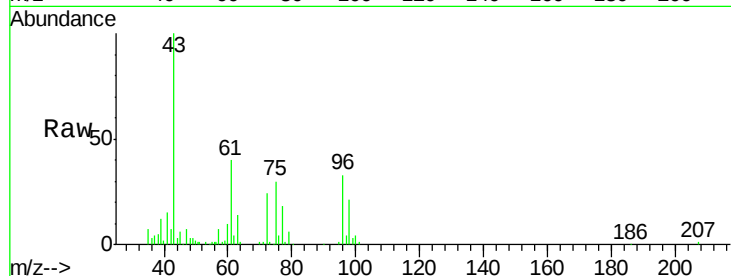
Acq: 24 May 2018 23:41

Tot Ion: 43 Resp: 68691

Ion Ratio Lower Upper

43 100

72 23.5 20.9 31.3



#26

2,2-Dichloropropane

Concen: 16.88 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW002861.D

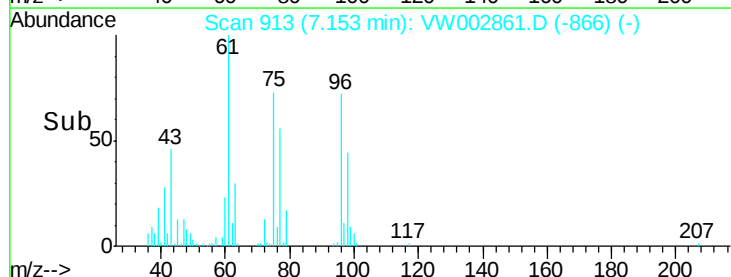
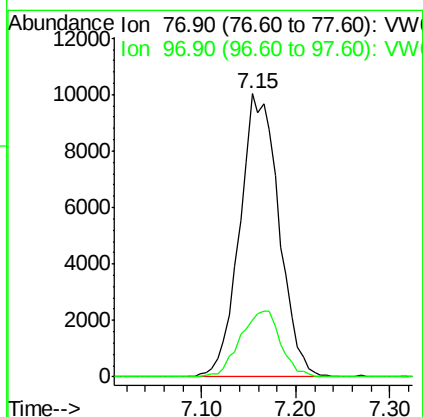
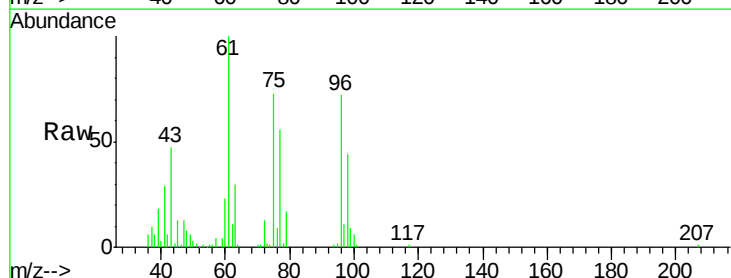
Acq: 24 May 2018 23:41

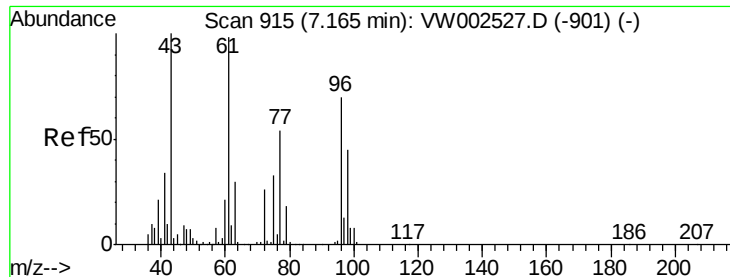
Tgt Ion: 77 Resp: 28996

Ion Ratio Lower Upper

77 100

97 24.1 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 21.41 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

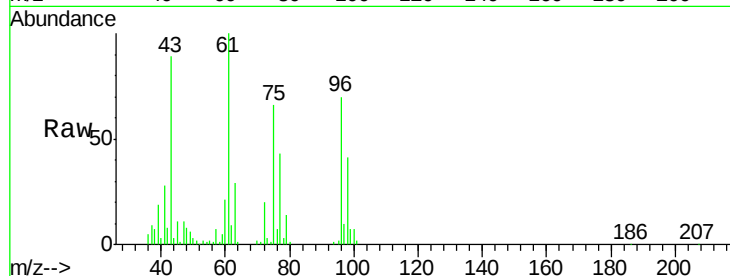
Tot Ion: 96 Resp: 40854

Ion Ratio Lower Upper

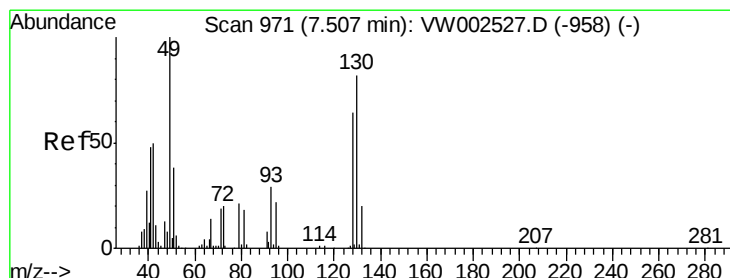
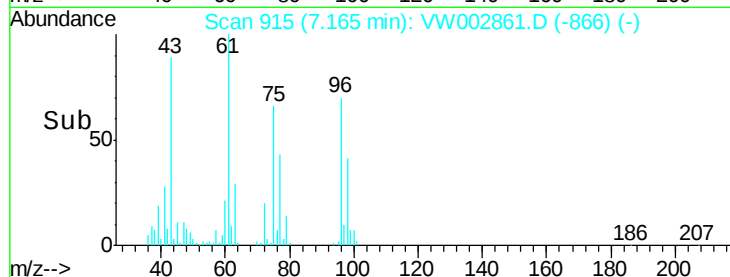
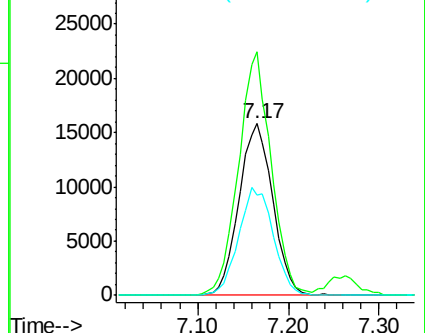
96 100

61 137.2 0.0 281.6

98 64.3 0.0 130.8



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



#28

Bromochloromethane

Concen: 24.20 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

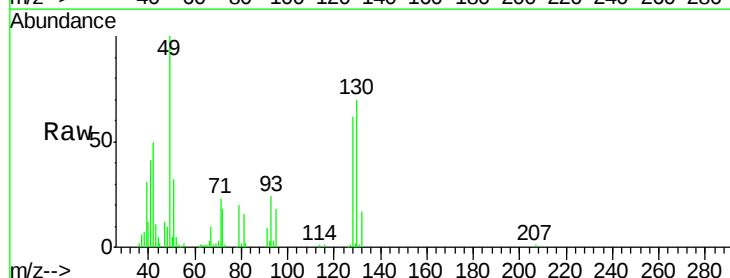
Tgt Ion: 49 Resp: 33116

Ion Ratio Lower Upper

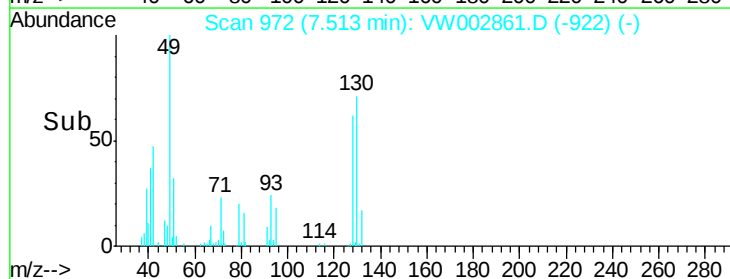
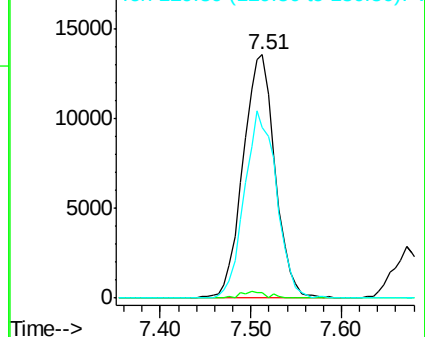
49 100

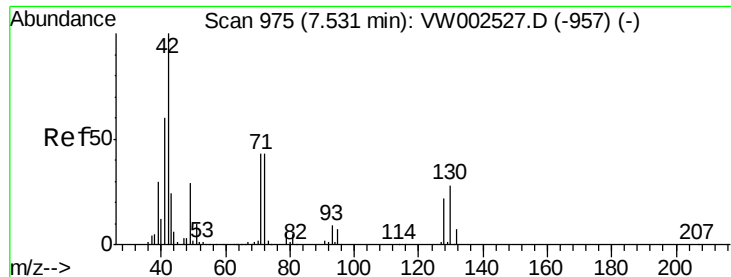
129 1.7 0.0 4.4

130 77.3 64.7 97.1



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





#29

Tetrahydrofuran

Concen: 122.06 ug/l

RT: 7.53 min Scan# 975

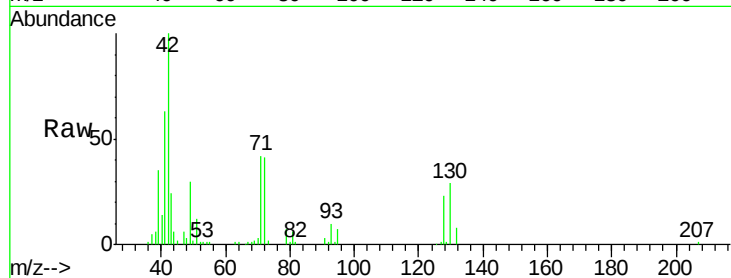
Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

Tot Ion: 42 Resp: 43517

Ion	Ratio	Lower	Upper
42	100		
72	42.0	35.0	52.4
71	40.9	33.0	49.6

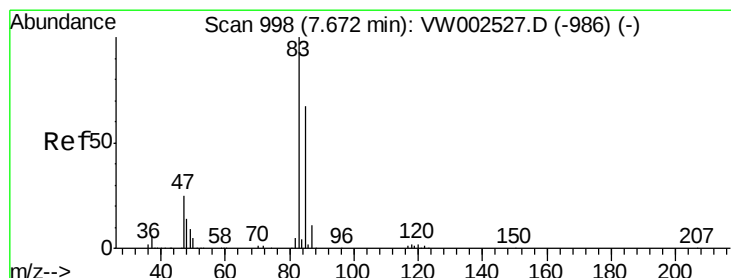
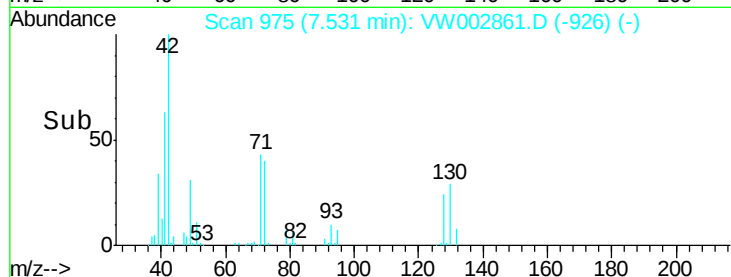
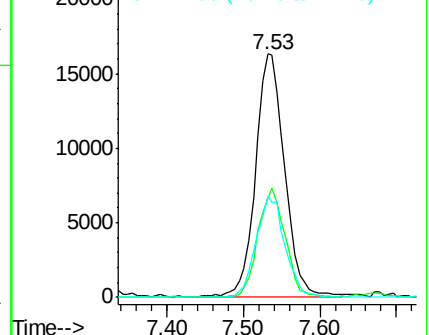


Abundance

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: 22.23 ug/l

RT: 7.67 min Scan# 998

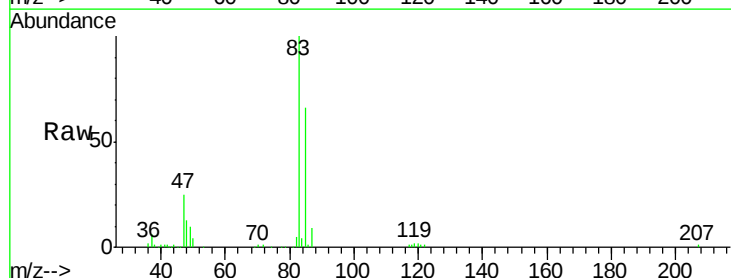
Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

Tgt Ion: 83 Resp: 72762

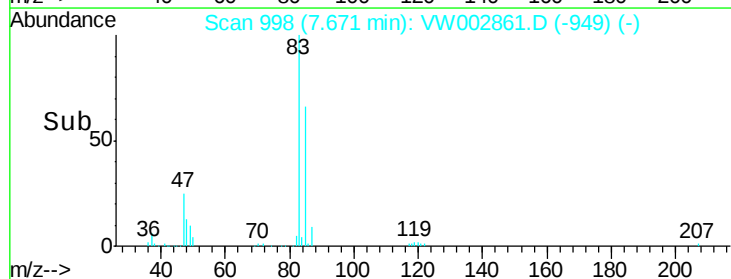
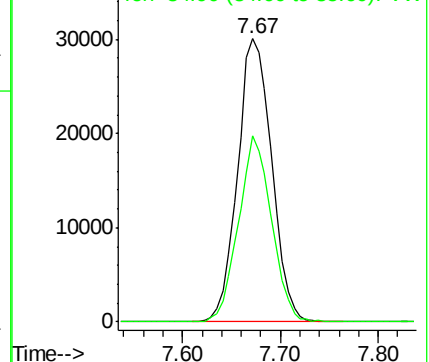
Ion	Ratio	Lower	Upper
83	100		
85	65.6	53.9	80.9

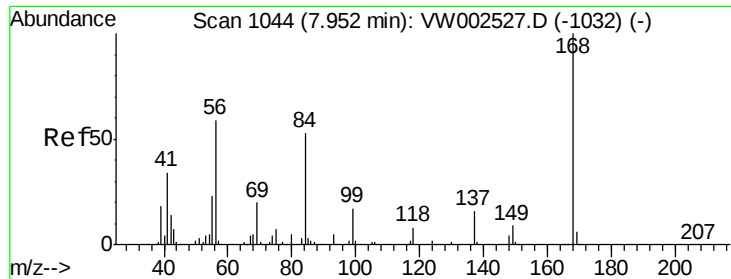


Abundance

Ion 82.90 (82.60 to 83.60): VW

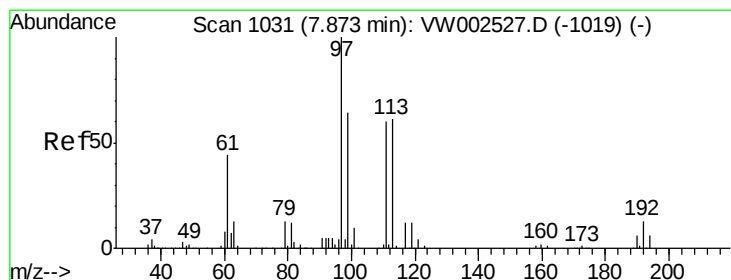
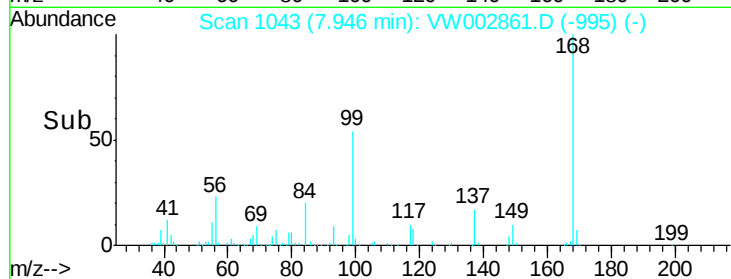
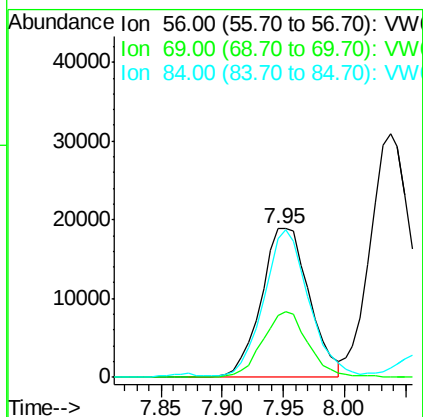
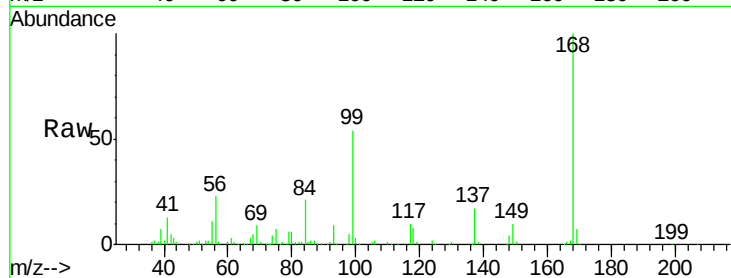
Ion 84.90 (84.60 to 85.60): VW





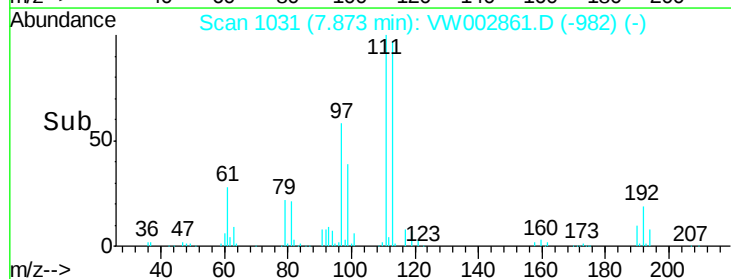
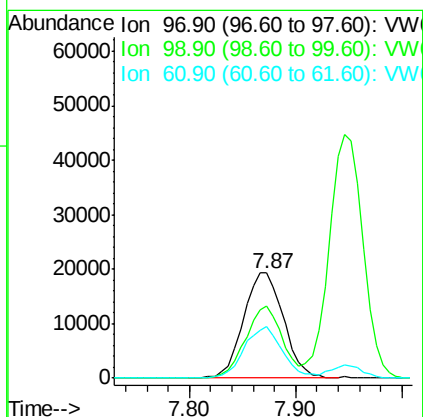
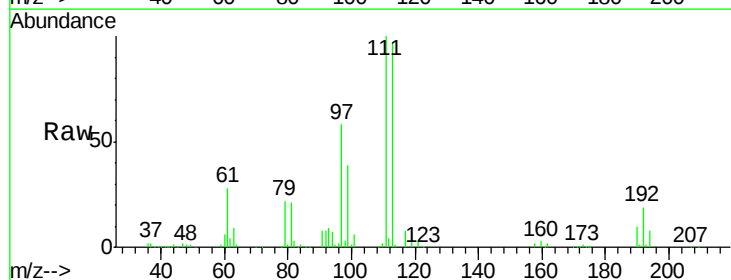
#31
Cyclohexane
Concen: 19.08 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

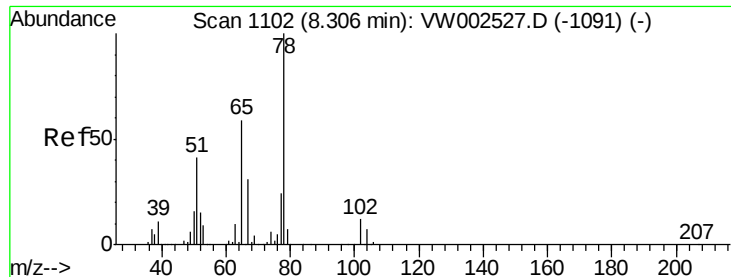
Tot Ion: 56 Resp: 51812
Ion Ratio Lower Upper
56 100
69 42.0 27.0 40.4#
84 91.3 72.2 108.2



#32
1,1,1-Trichloroethane
Concen: 20.65 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tgt Ion: 97 Resp: 50976
Ion Ratio Lower Upper
97 100
99 62.5 51.1 76.7
61 46.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 57.98 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002861.D

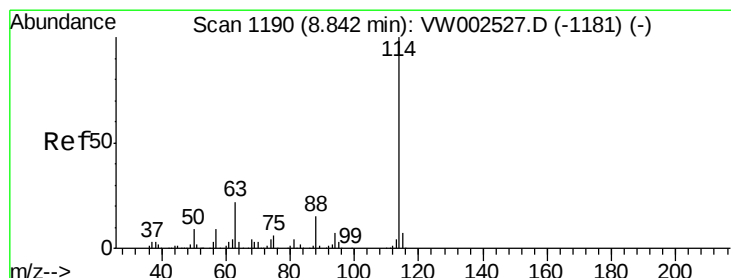
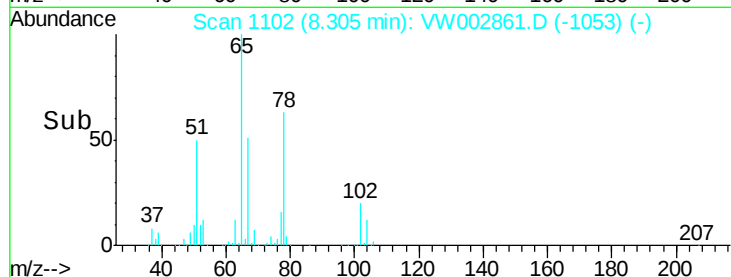
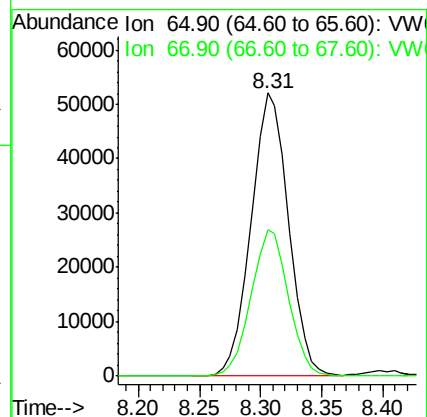
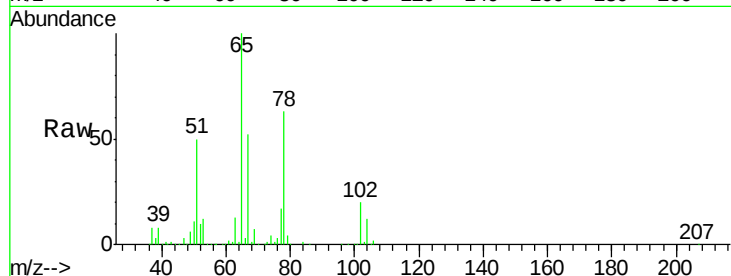
Acq: 24 May 2018 23:41

Tot Ion: 65 Resp: 110846

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

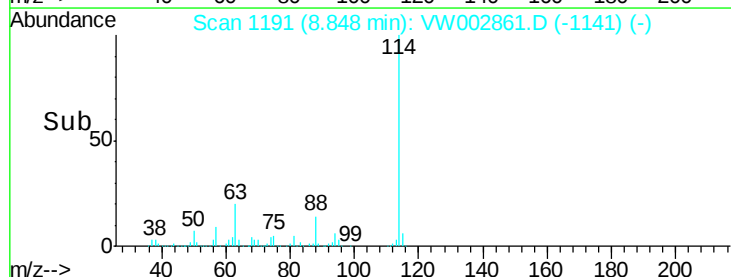
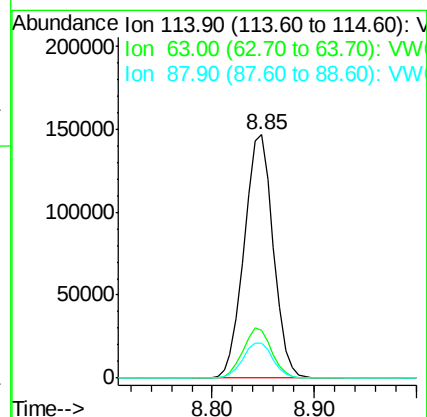
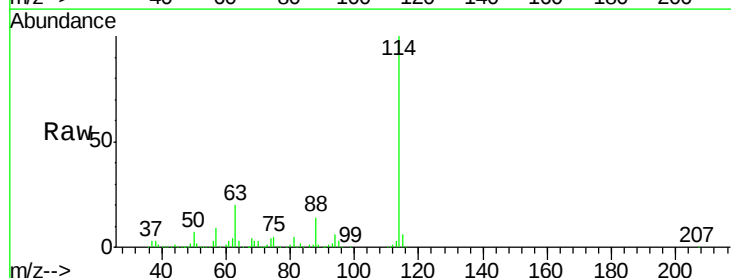
Tgt Ion: 114 Resp: 289932

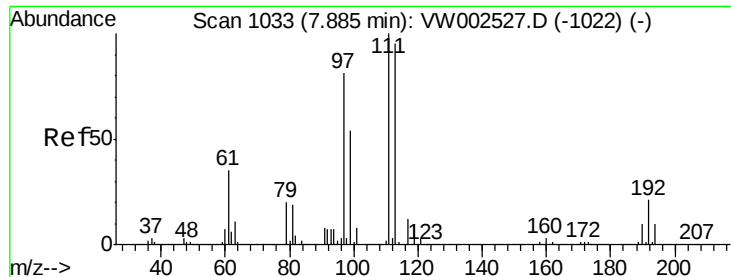
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

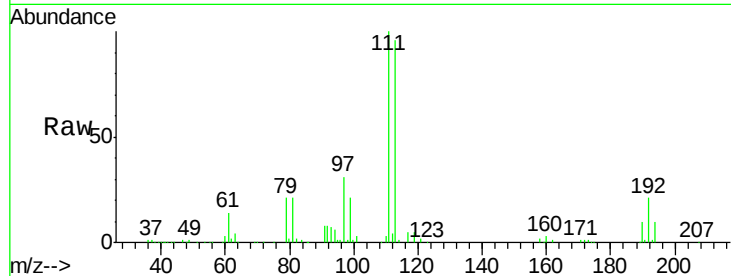
88 14.3 0.0 29.2



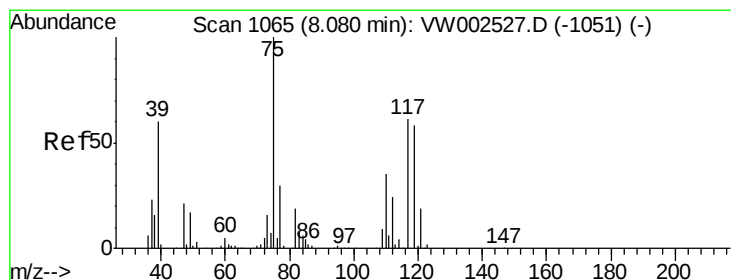
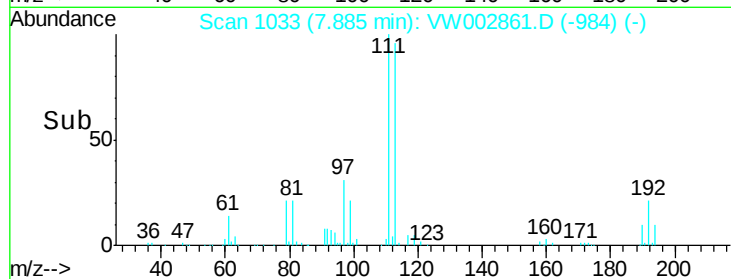
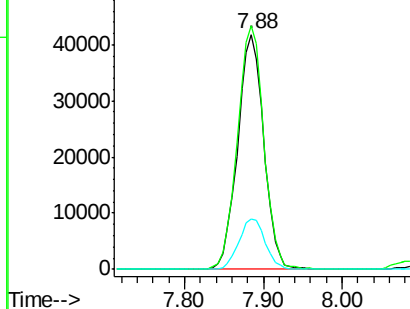


#35
 Dibromofluoromethane
 Concen: 52.34 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

Tot Ion:113 Resp: 96266
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.8 122.8
 192 21.8 17.5 26.3

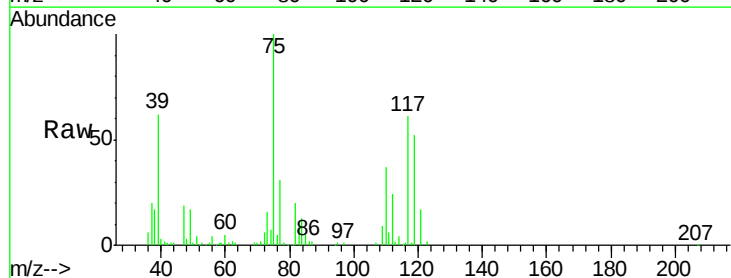


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

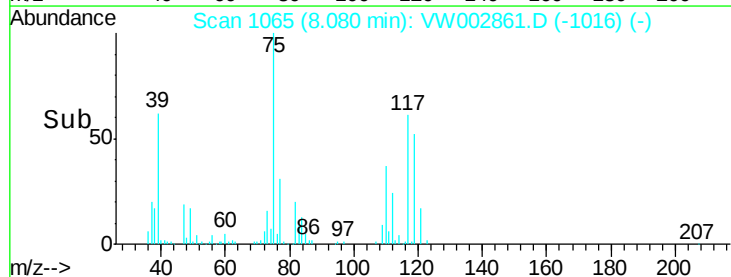
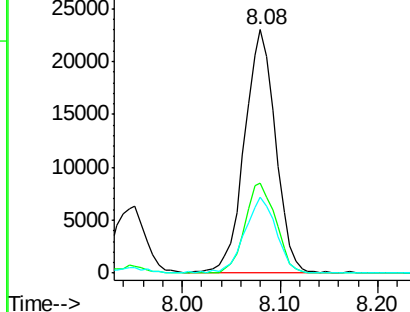


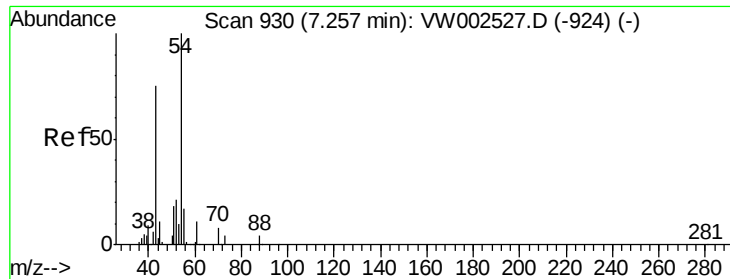
#36
 1,1-Dichloropropene
 Concen: 19.89 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

Tgt Ion: 75 Resp: 50889
 Ion Ratio Lower Upper
 75 100
 110 36.7 17.8 53.5
 77 31.7 24.5 36.7



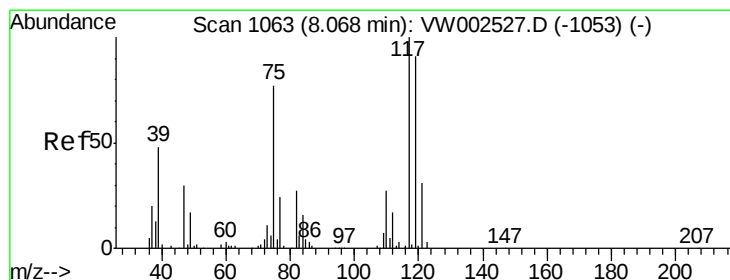
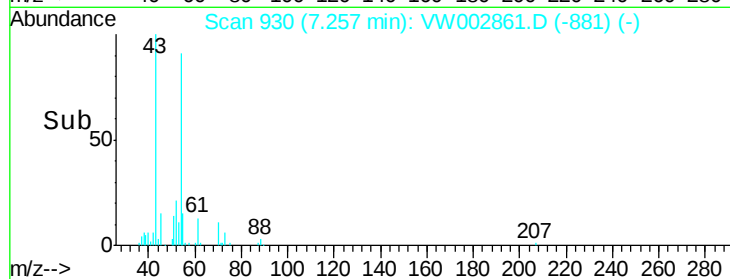
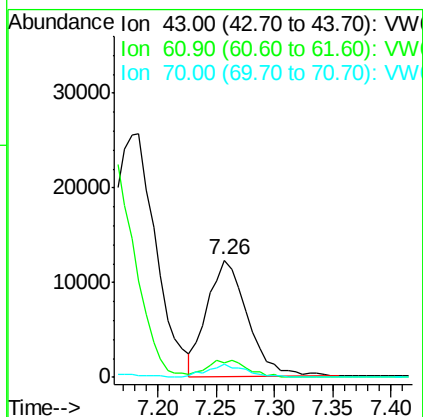
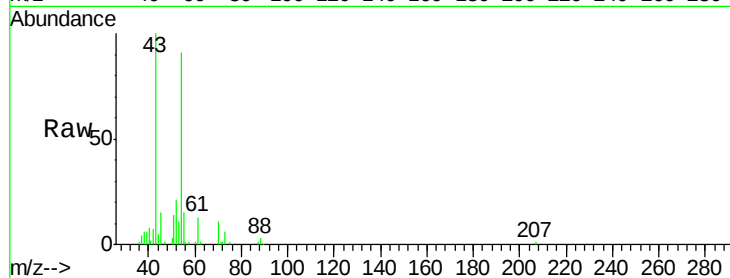
Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





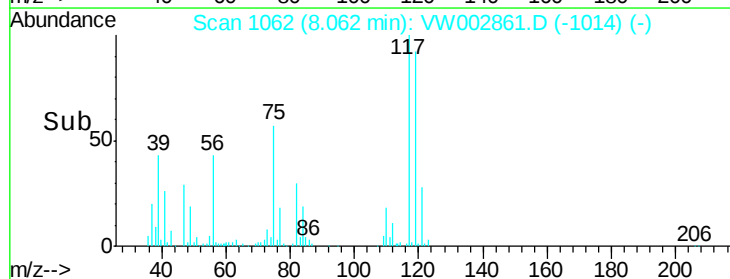
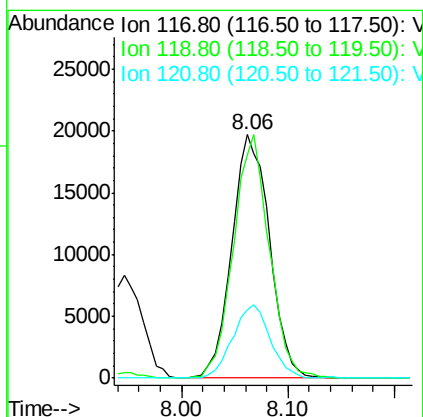
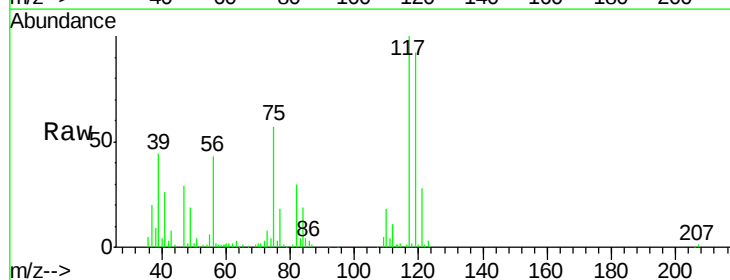
#37
Ethyl Acetate
Concen: 23.35 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

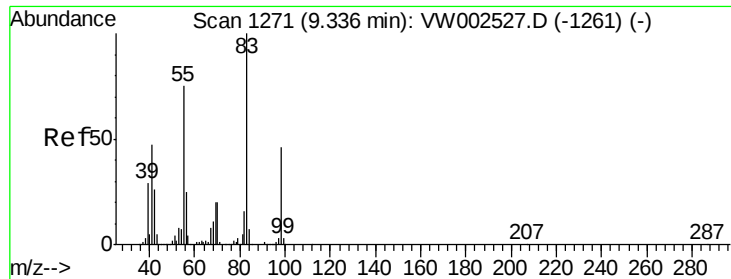
Tot Ion: 43 Resp: 29634
Ion Ratio Lower Upper
43 100
61 14.6 11.1 16.7
70 10.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.52 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tgt Ion: 117 Resp: 48906
Ion Ratio Lower Upper
117 100
119 91.8 73.1 109.7
121 28.3 24.4 36.6





#39

Methvlcvclohexane

Concen: 18.83 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

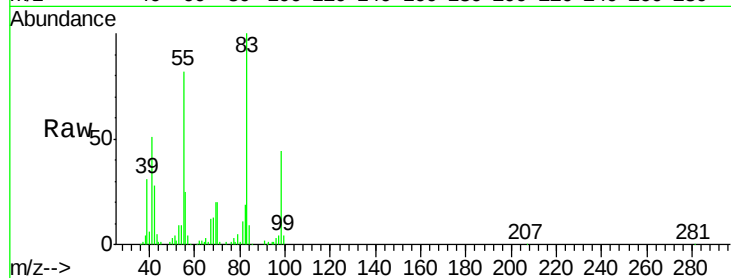
Tot Ion: 83 Resp: 55191

Ion Ratio Lower Upper

83 100

55 81.6 60.0 90.0

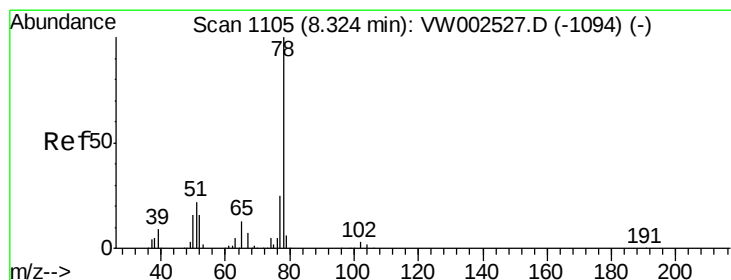
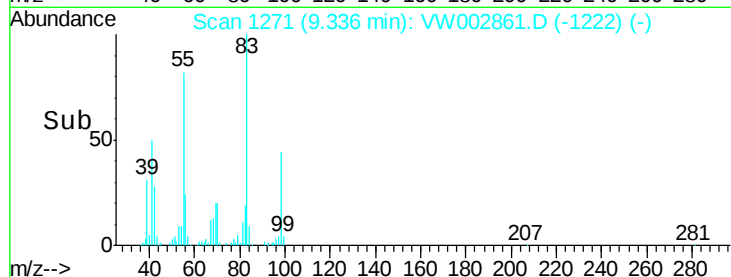
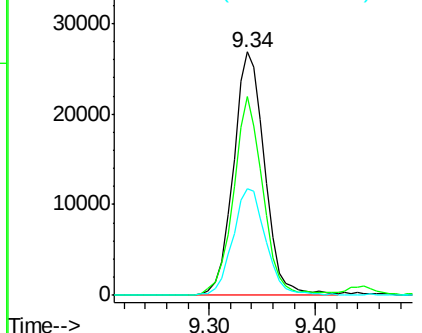
98 44.0 37.0 55.4



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 20.95 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VW002861.D

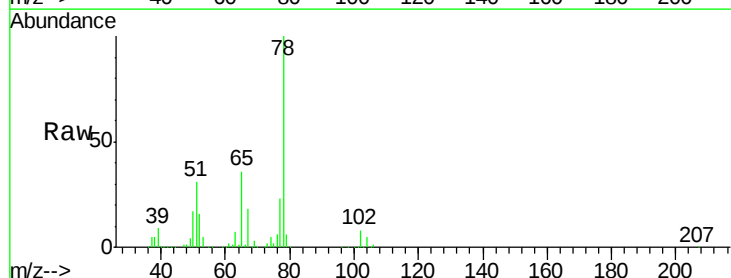
Acq: 24 May 2018 23:41

Tgt Ion: 78 Resp: 153924

Ion Ratio Lower Upper

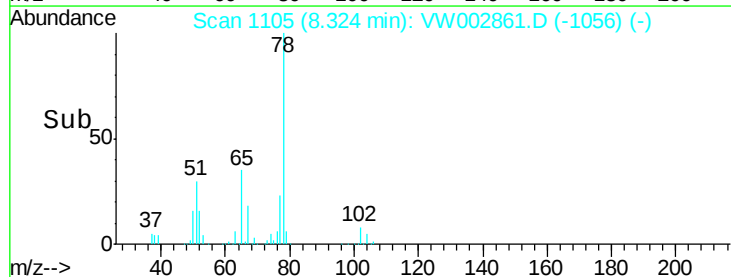
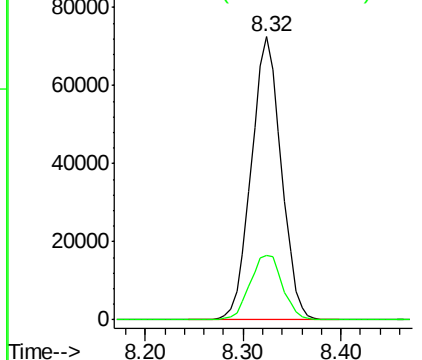
78 100

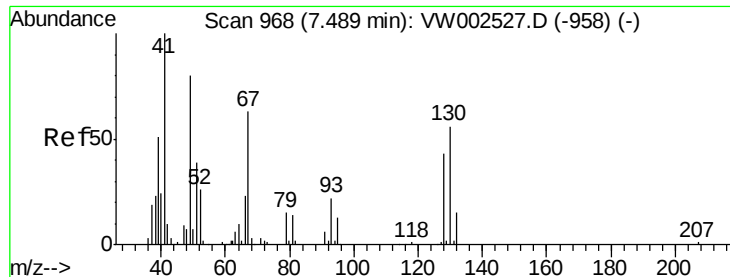
77 22.9 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VW

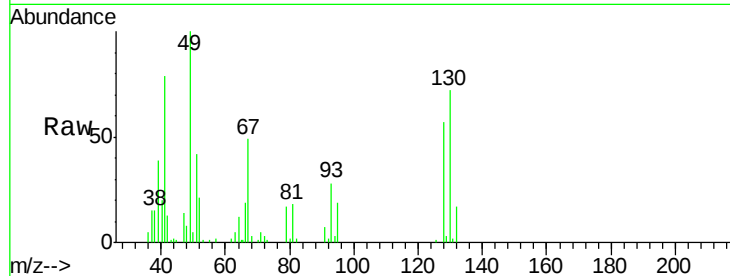
Ion 77.00 (76.70 to 77.70): VW



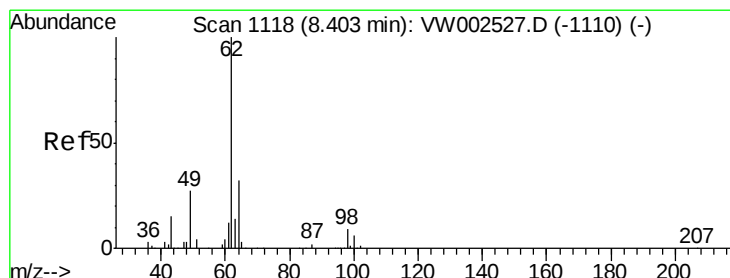
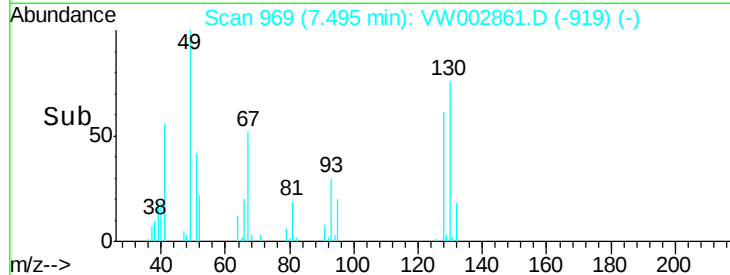
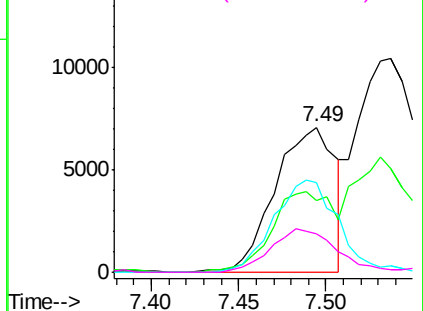


#41
Methacrylonitrile
Concen: 23.80 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tot Ion:	41	Resp:	16903
Ion	Ratio	Lower	Upper
41	100		
39	56.9	51.8	77.8
67	68.2	59.9	89.9
52	32.6	26.6	39.8

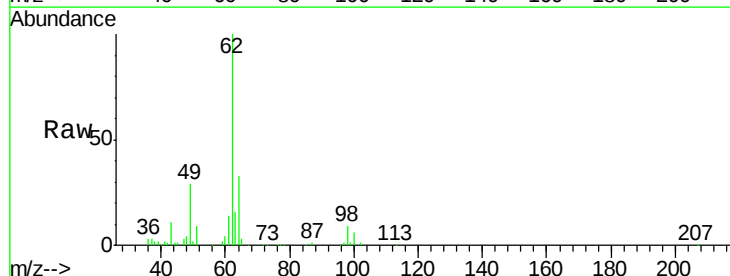


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

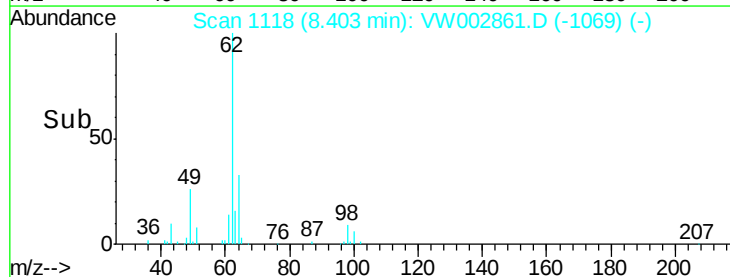
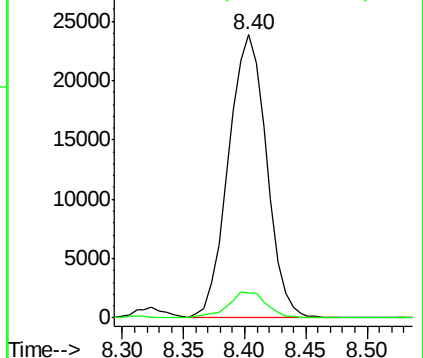


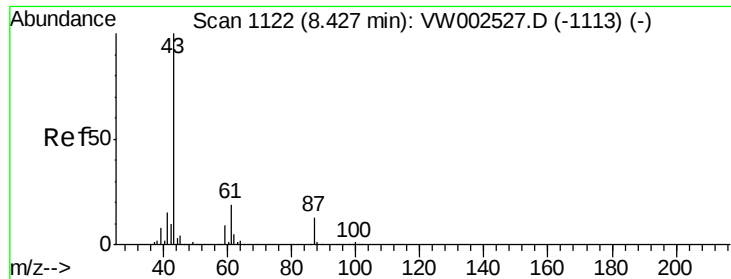
#42
1,2-Dichloroethane
Concen: 22.13 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tgt Ion:	62	Resp:	51624
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8



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

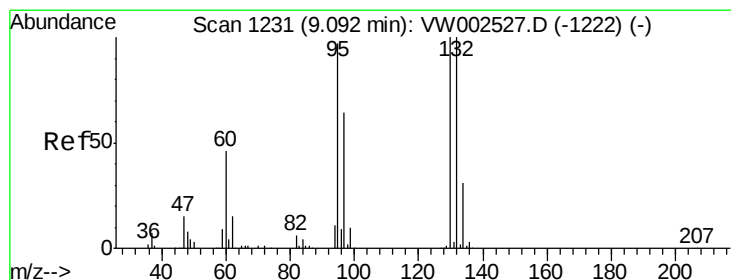
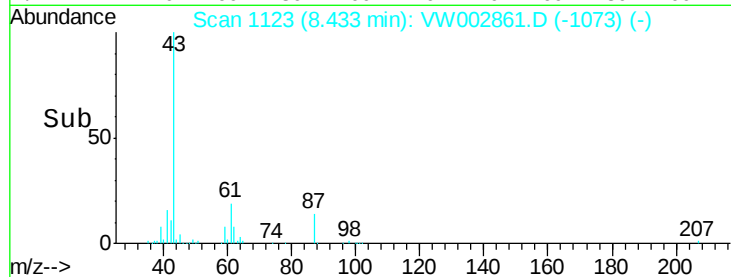
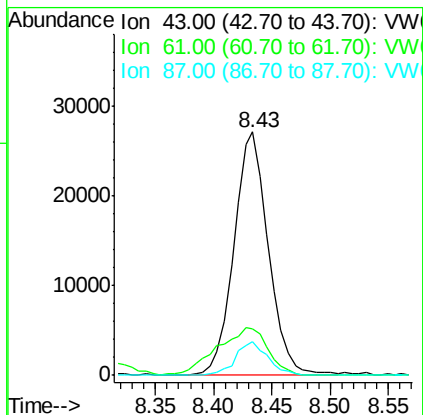
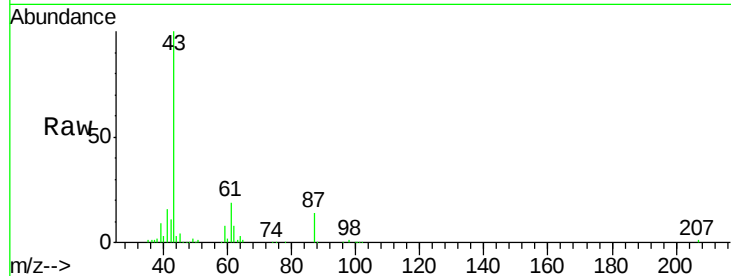




#43

Isopropyl Acetate
 Concen: 22.88 ug/l
 RT: 8.43 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

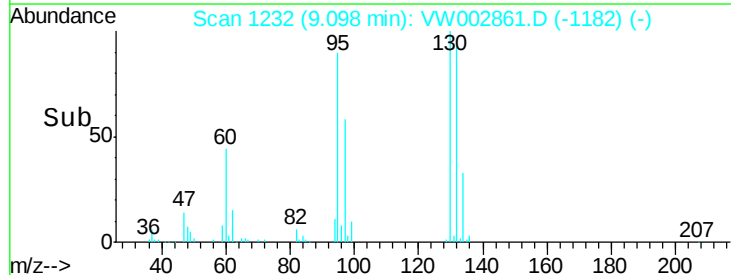
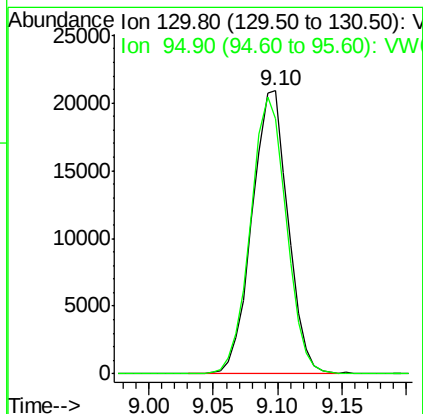
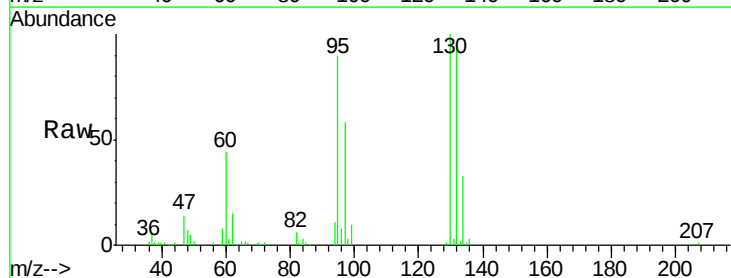
Tot Ion	43	Resp	55833
Ion Ratio	Lower	Upper	
43	100		
61	28.9	23.0	34.6
87	12.9	10.6	15.8

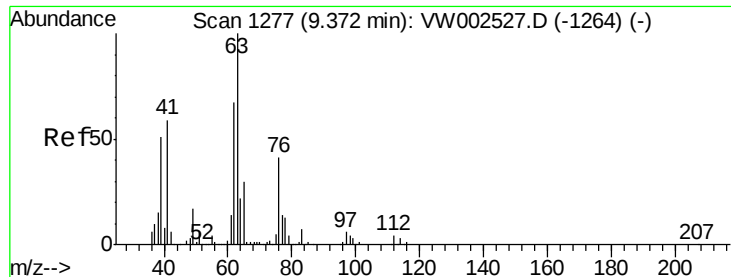


#44

Trichloroethene
 Concen: 20.07 ug/l
 RT: 9.10 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

Tgt Ion	130	Resp	40412
Ion Ratio	Lower	Upper	
130	100		
95	90.2	0.0	194.6





#45

1,2-Dichloropropane

Concen: 21.44 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW002861.D

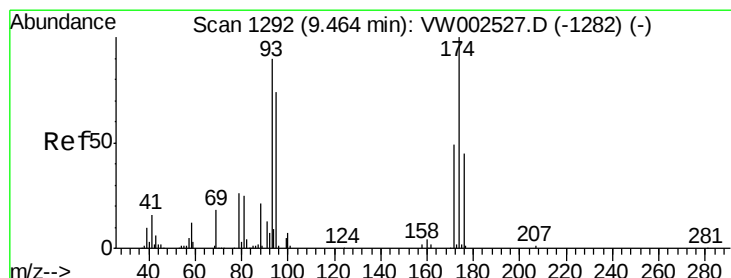
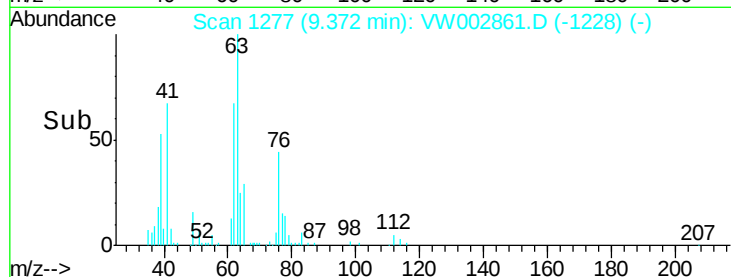
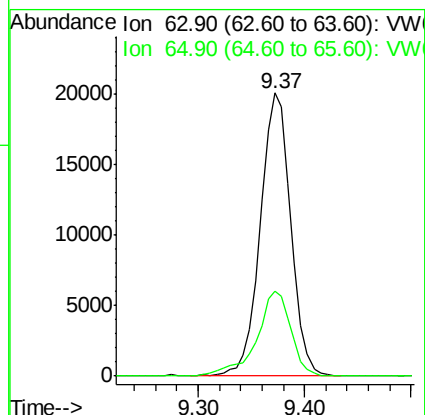
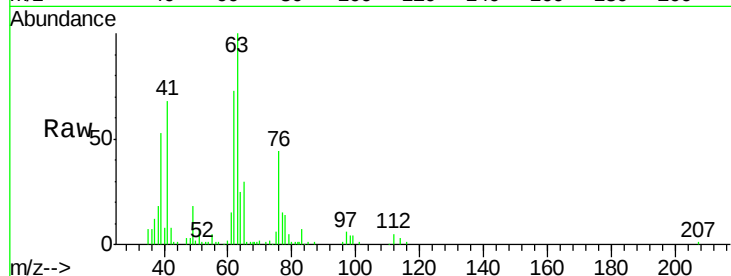
Acq: 24 May 2018 23:41

Tot Ion: 63 Resp: 40135

Ion Ratio Lower Upper

63 100

65 30.2 24.4 36.6



#46

Dibromomethane

Concen: 22.01 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

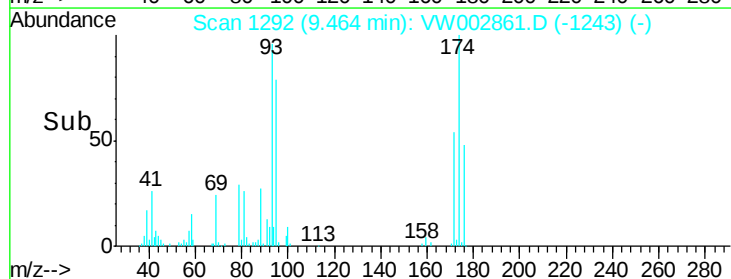
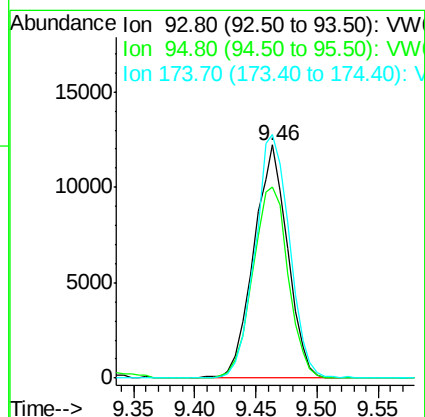
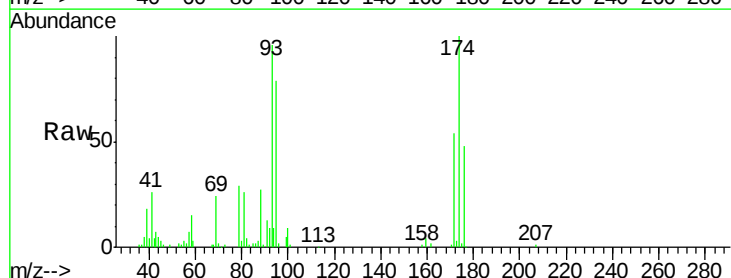
Tgt Ion: 93 Resp: 23442

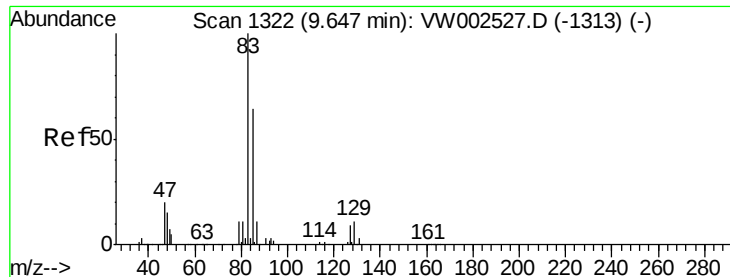
Ion Ratio Lower Upper

93 100

95 86.1 66.6 100.0

174 106.9 84.0 126.0





#47

Bromodichloromethane

Concen: 21.26 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

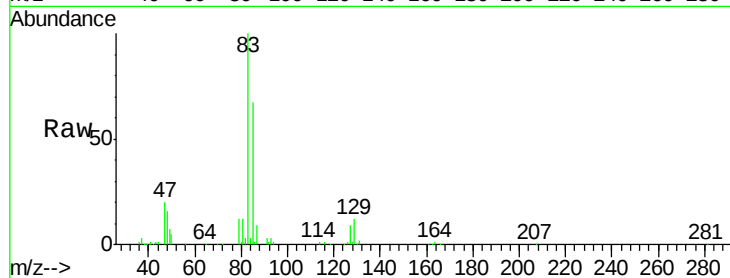
Tot Ion: 83 Resp: 52824

Ion Ratio Lower Upper

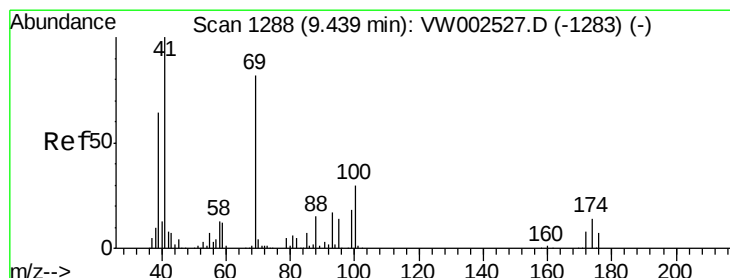
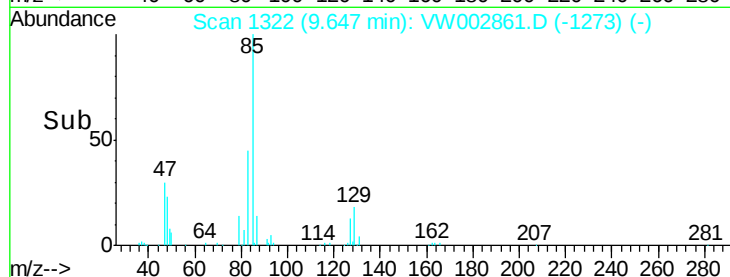
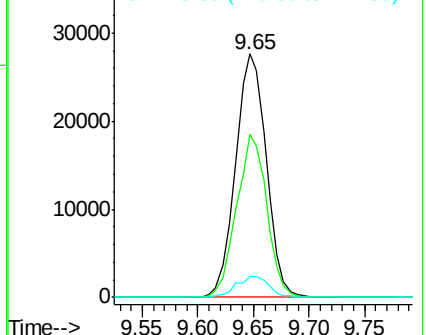
83 100

85 66.9 51.4 77.2

127 8.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 23.76 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

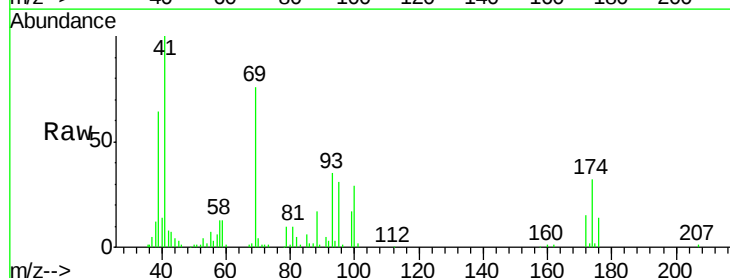
Tgt Ion: 41 Resp: 28097

Ion Ratio Lower Upper

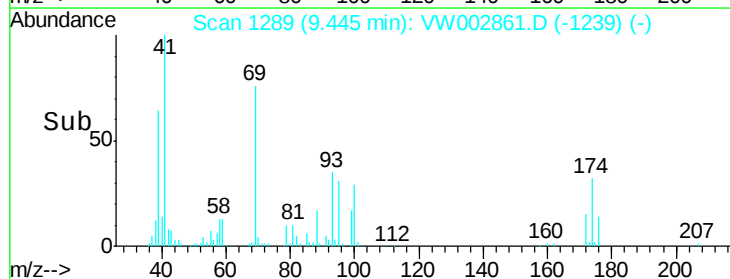
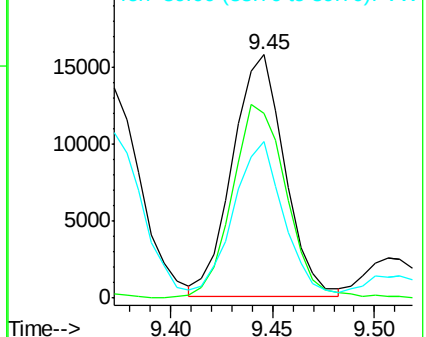
41 100

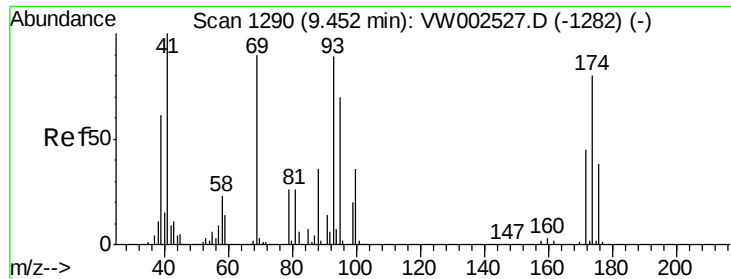
69 82.9 69.7 104.5

39 62.5 55.0 82.4



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





#49

1,4-Dioxane

Concen: 467.79 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

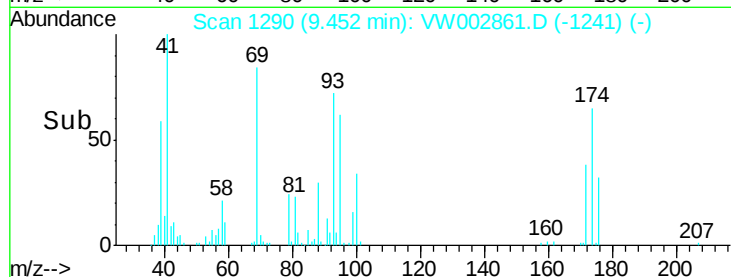
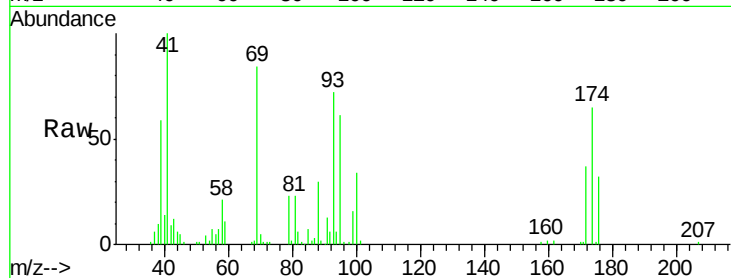
Tot Ion: 88 Resp: 8304

Ion Ratio Lower Upper

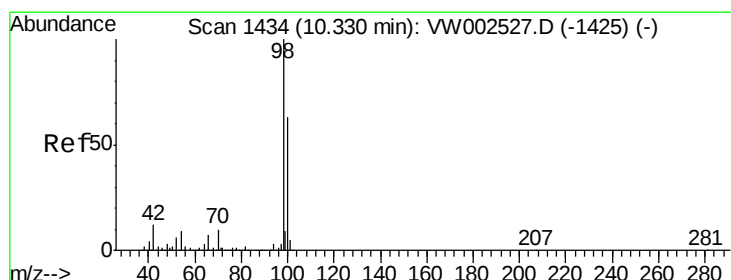
88 100

43 31.1 27.0 40.4

58 74.4 56.9 85.3



Time-->



#50

Toluene-d8

Concen: 52.07 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002861.D

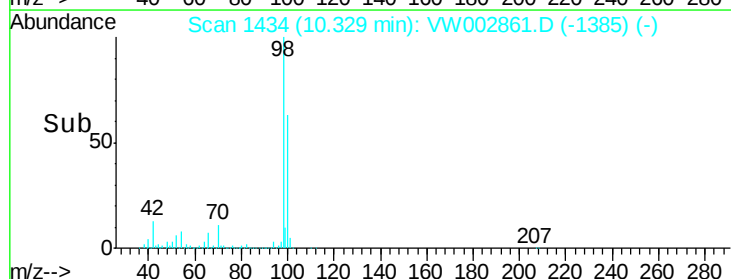
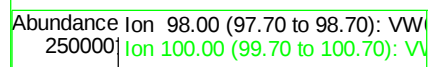
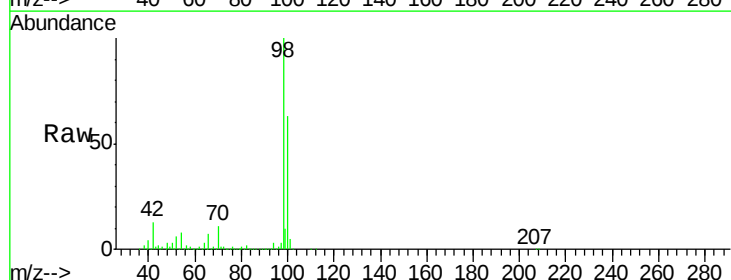
Acq: 24 May 2018 23:41

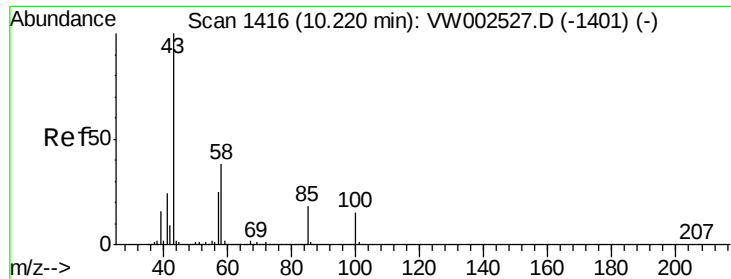
Tgt Ion: 98 Resp: 364392

Ion Ratio Lower Upper

98 100

100 63.8 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 115.25 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002861.D

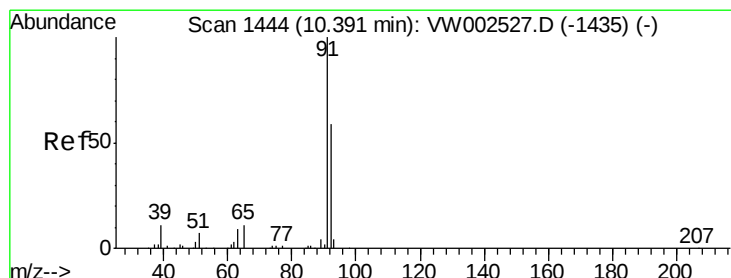
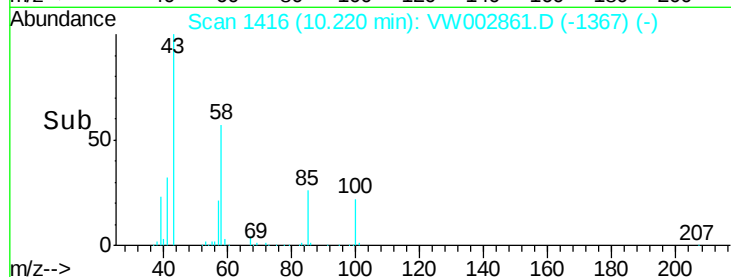
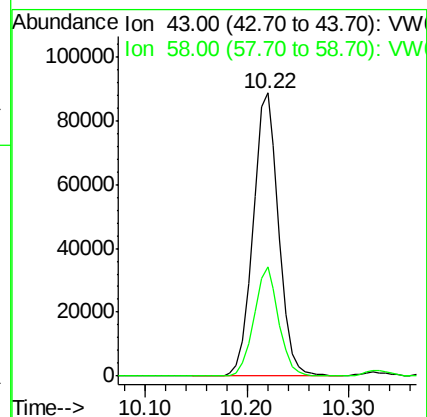
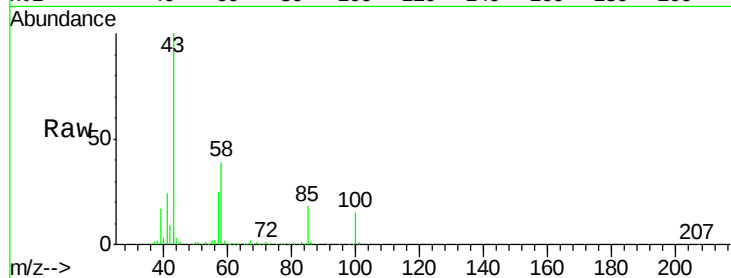
Acq: 24 May 2018 23:41

Tot Ion: 43 Resp: 154434

Ion Ratio Lower Upper

43 100

58 37.3 30.1 45.1



#52

Toluene

Concen: 21.27 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW002861.D

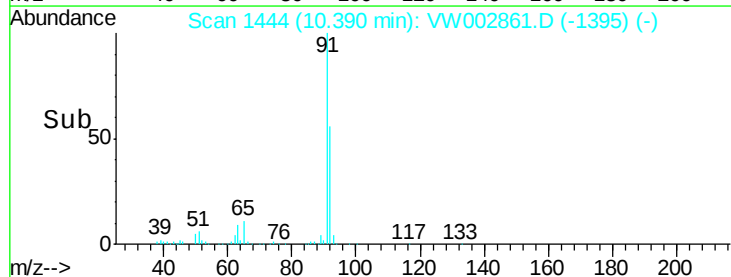
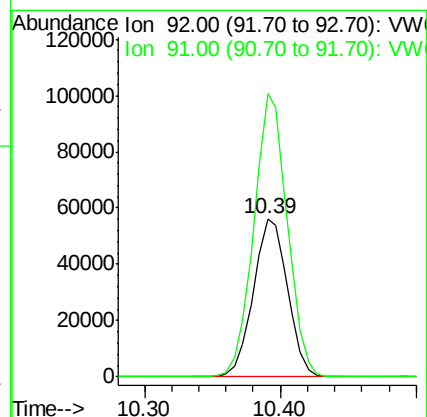
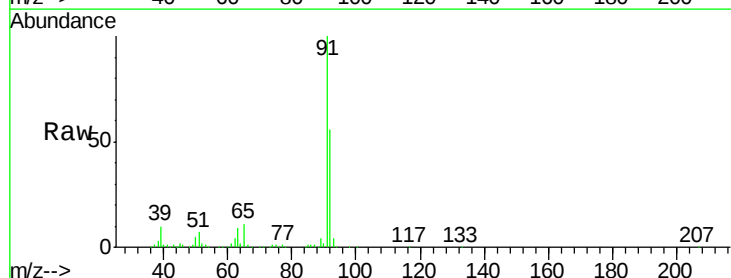
Acq: 24 May 2018 23:41

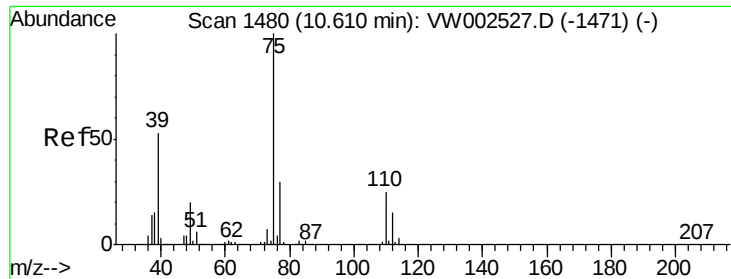
Tgt Ion: 92 Resp: 98812

Ion Ratio Lower Upper

92 100

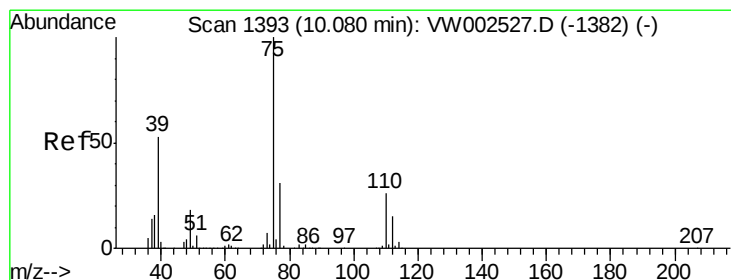
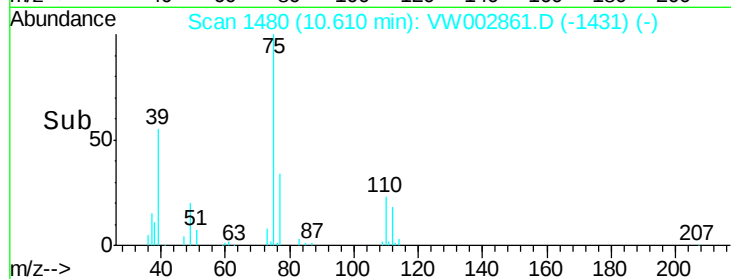
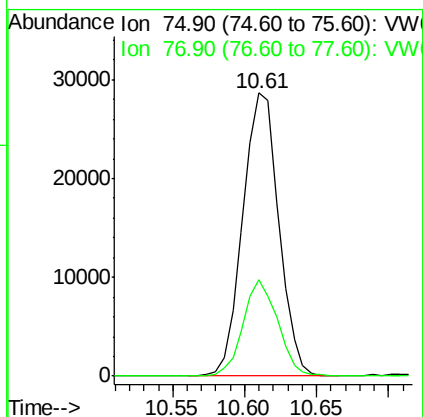
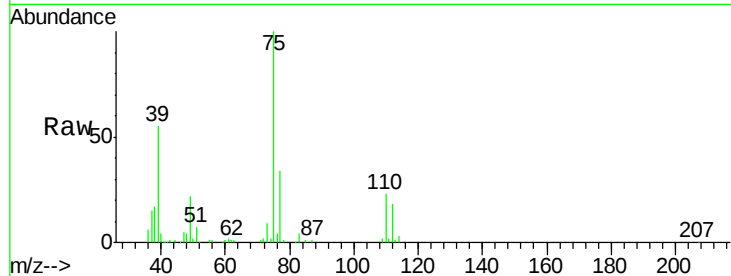
91 175.6 139.1 208.7





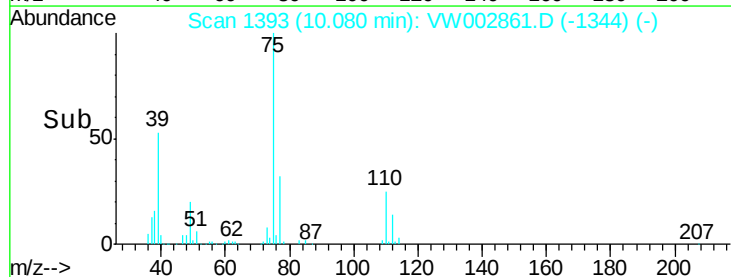
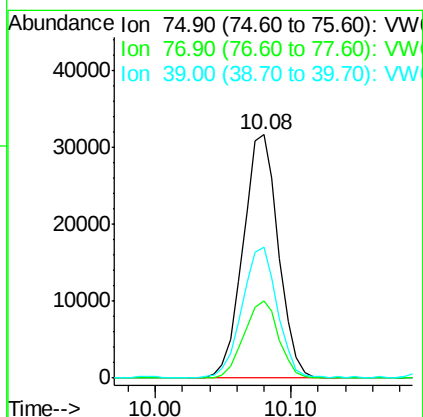
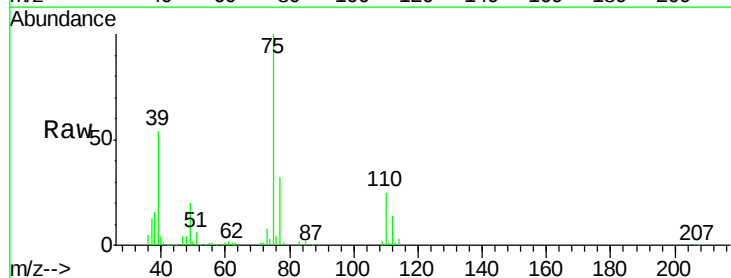
#53
t-1,3-Dichloropropene
Concen: 19.71 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

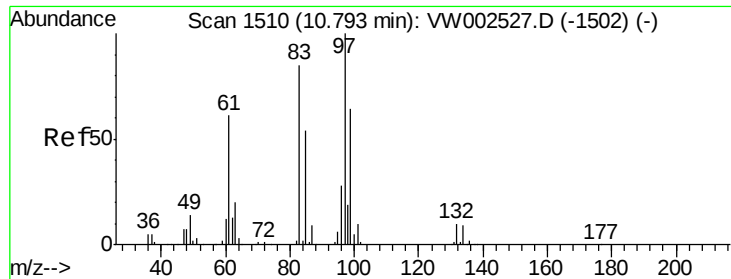
Tot Ion: 75 Resp: 49518
Ion Ratio Lower Upper
75 100
77 34.1 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.56 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

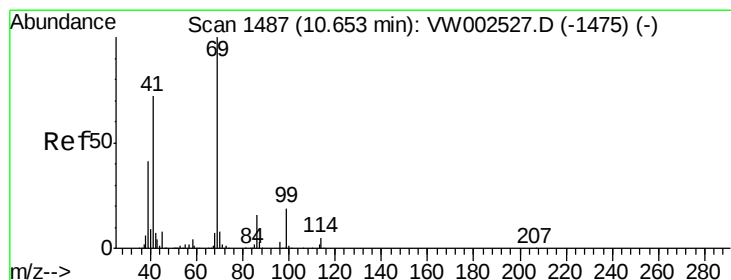
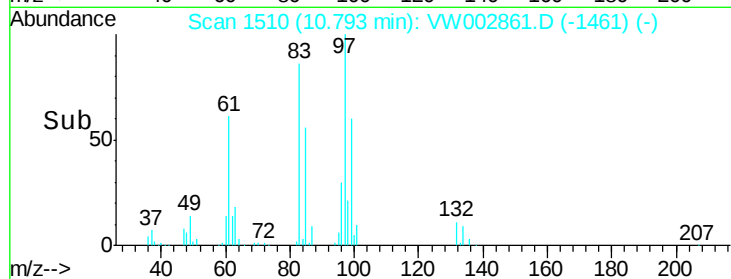
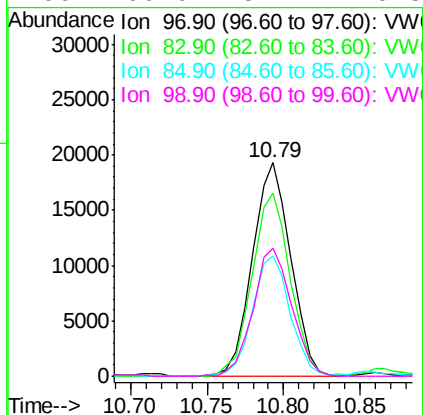
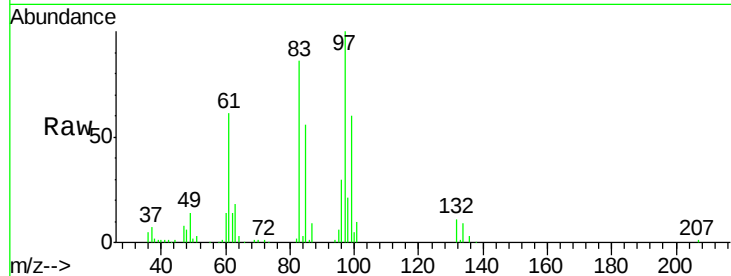
Tgt Ion: 75 Resp: 57566
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 53.6 42.5 63.7





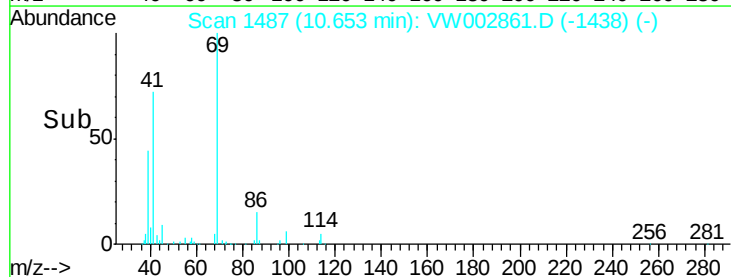
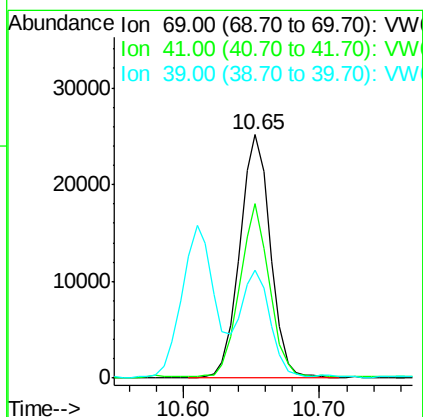
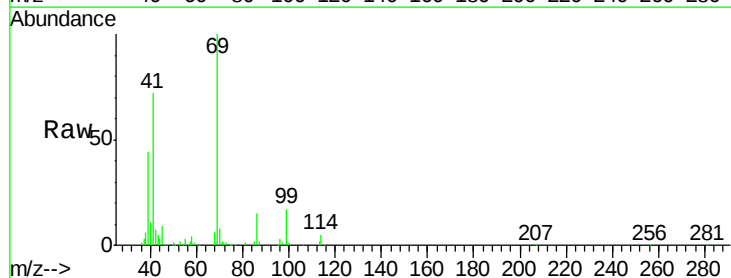
#55
 1,1,2-Trichloroethane
 Concen: 22.41 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

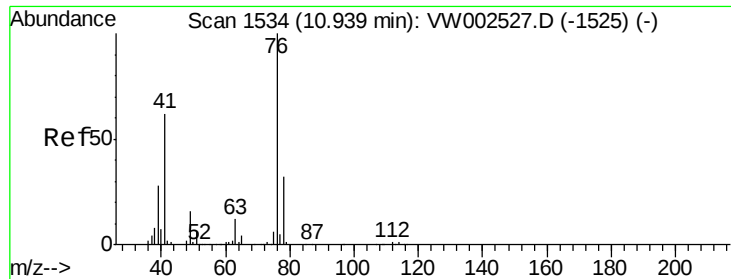
Tot Ion:	97	Resp:	33638
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.1	102.1
85	56.3	43.6	65.4
99	60.0	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 21.66 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

Tgt Ion:	69	Resp:	39615
Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.3	82.9
39	40.4	33.0	49.6





#57

1,3-Dichloropropane

Concen: 22.10 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002861.D

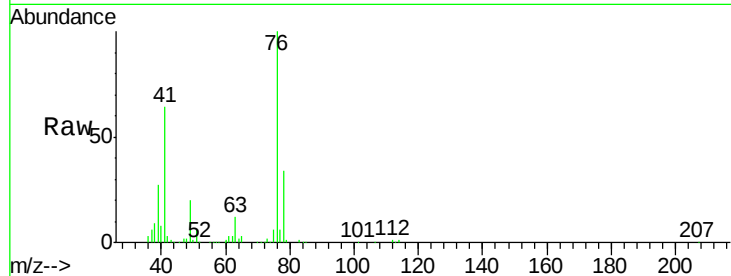
Acq: 24 May 2018 23:41

Tot Ion: 76 Resp: 55018

Ion Ratio Lower Upper

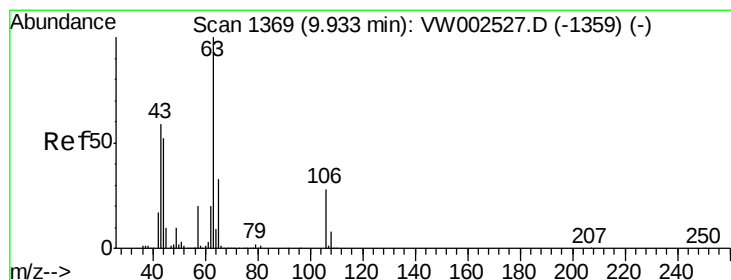
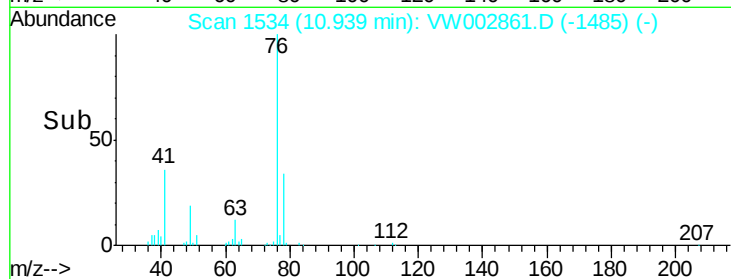
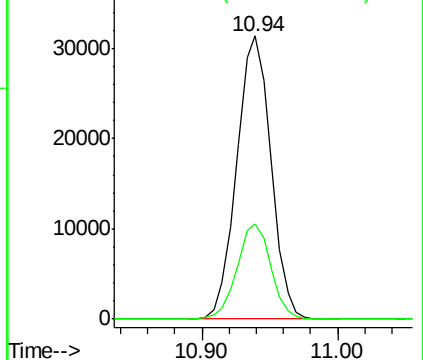
76 100

78 33.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 115.32 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW002861.D

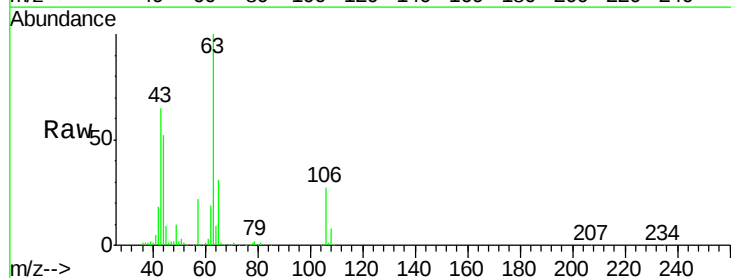
Acq: 24 May 2018 23:41

Tgt Ion: 63 Resp: 103530

Ion Ratio Lower Upper

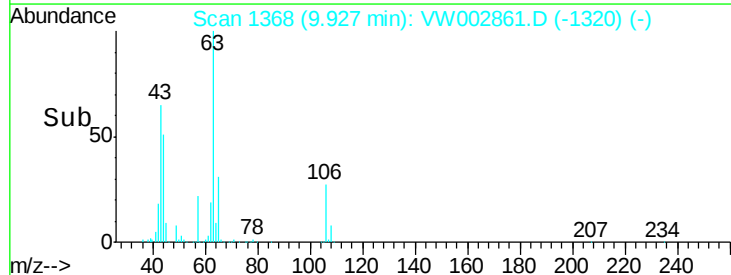
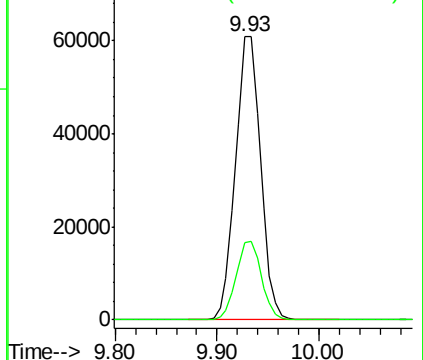
63 100

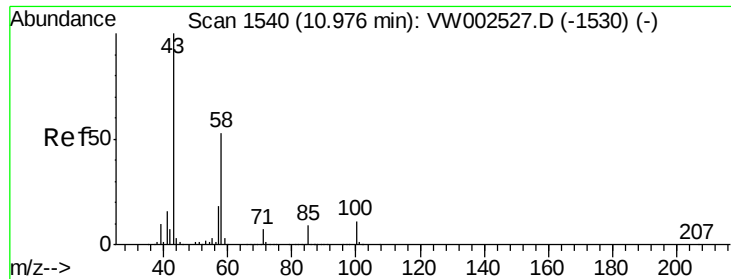
106 28.0 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VW

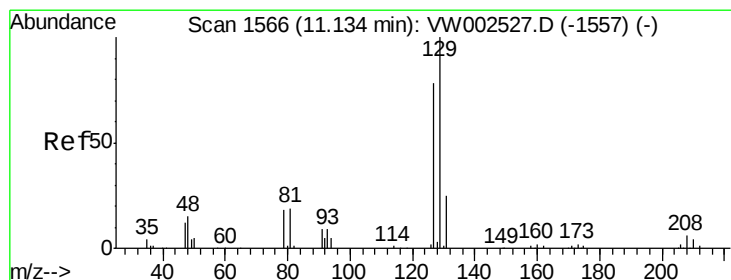
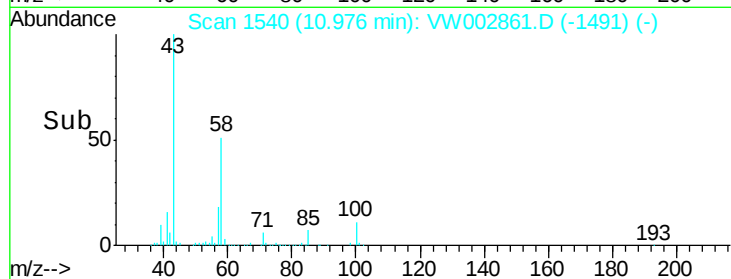
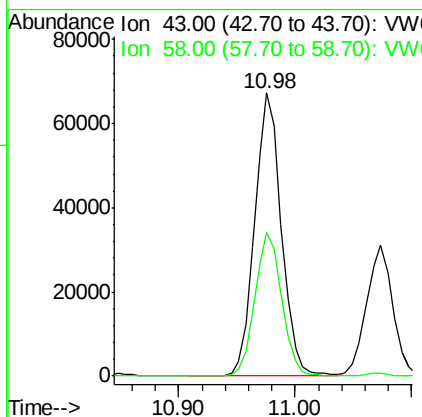
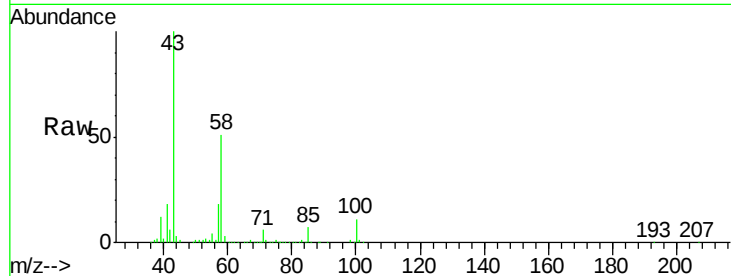
Ion 105.90 (105.60 to 106.60): V





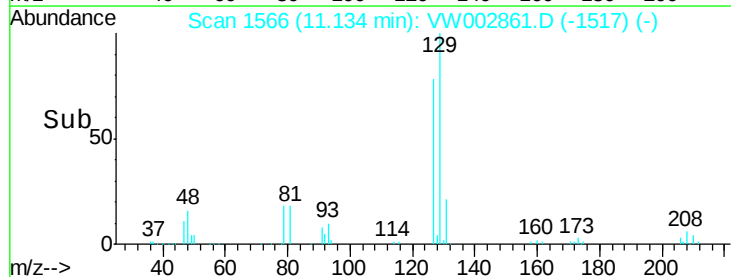
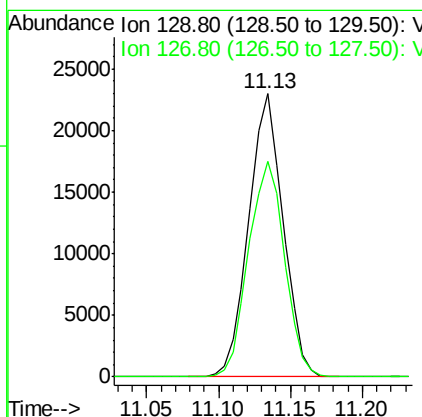
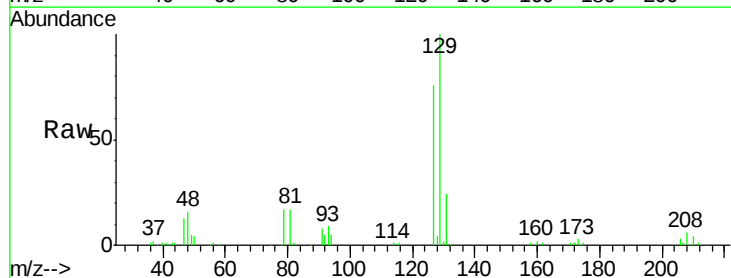
#59
2-Hexanone
Concen: 116.22 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

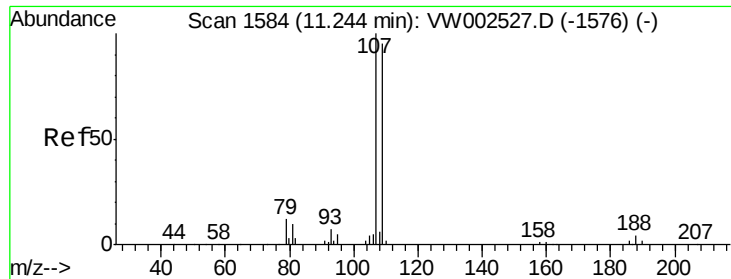
Tot Ion: 43 Resp: 107520
Ion Ratio Lower Upper
43 100
58 50.9 26.3 78.8



#60
Dibromochloromethane
Concen: 21.49 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tgt Ion: 129 Resp: 38046
Ion Ratio Lower Upper
129 100
127 79.7 38.6 115.7





#61

1,2-Dibromoethane

Concen: 22.13 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.01 min

Lab File: VW002861.D

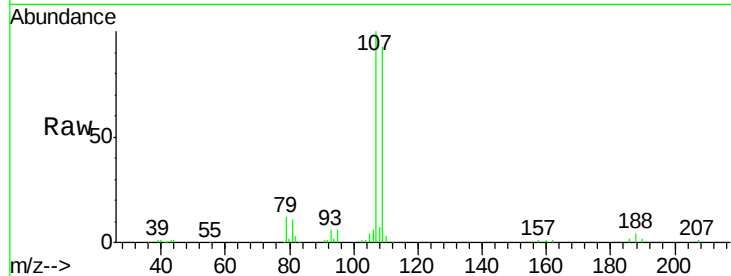
Acq: 24 May 2018 23:41

Tot Ion:107 Resp: 32047

Ion Ratio Lower Upper

107 100

109 94.9 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

20000

15000

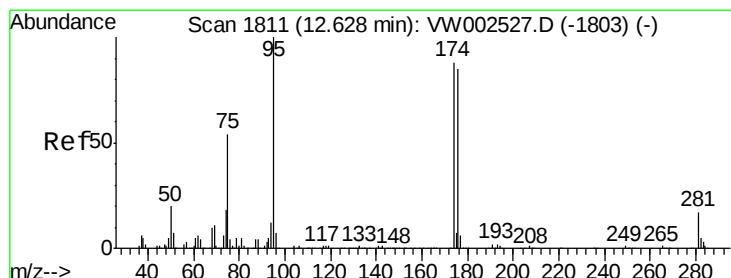
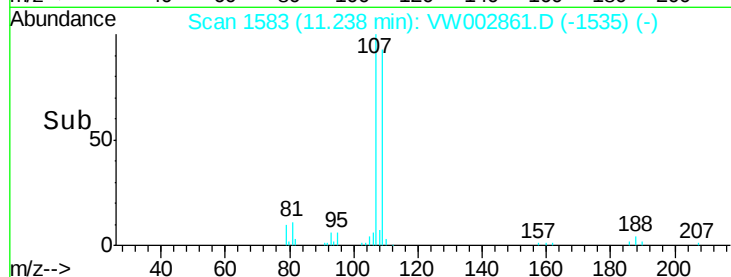
10000

5000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 52.20 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

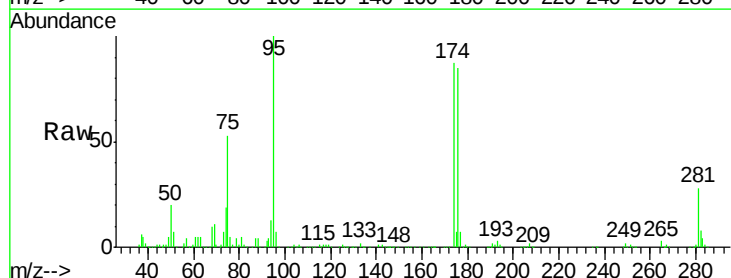
Tgt Ion: 95 Resp: 133584

Ion Ratio Lower Upper

95 100

174 87.0 0.0 176.6

176 85.3 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

100000

80000

60000

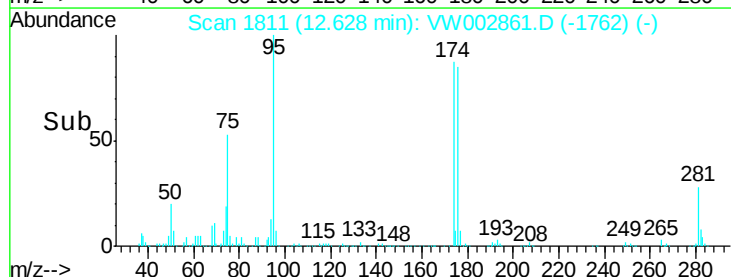
40000

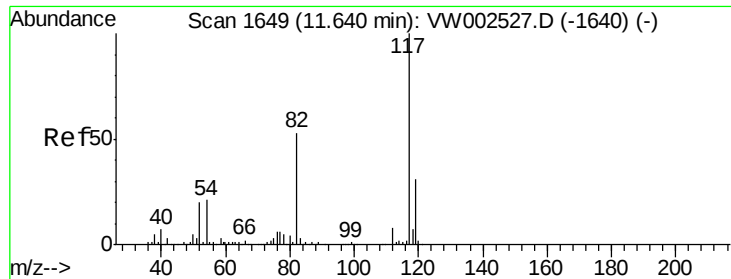
20000

0

Time-->

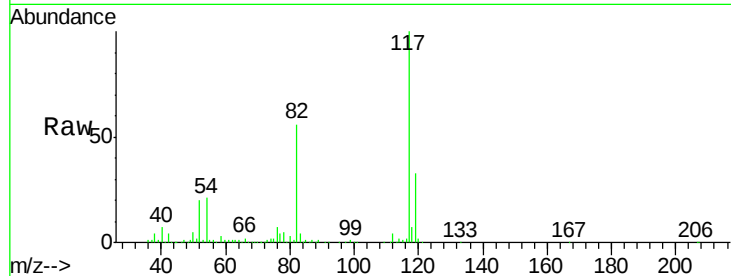
12.55 12.60 12.65 12.70



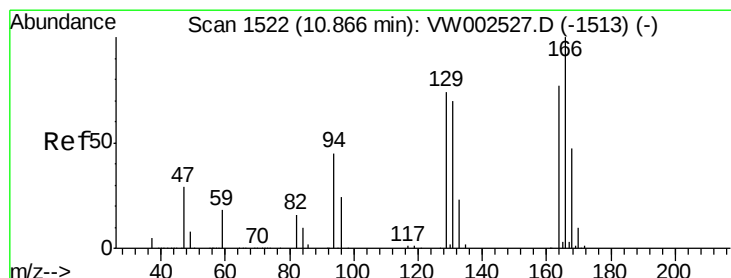
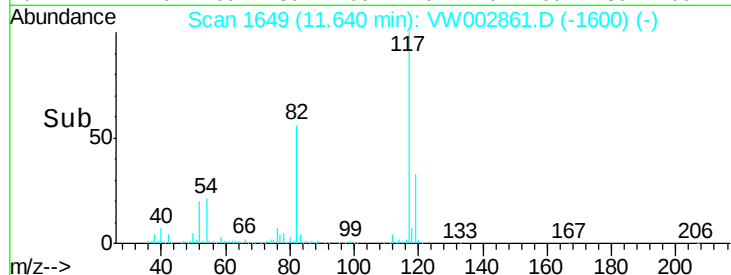
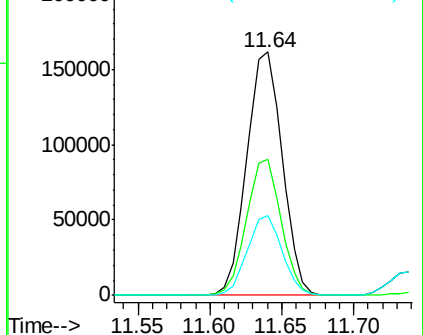


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tot Ion:117 Resp: 275326
Ion Ratio Lower Upper
117 100
82 55.7 42.6 64.0
119 32.6 25.0 37.6

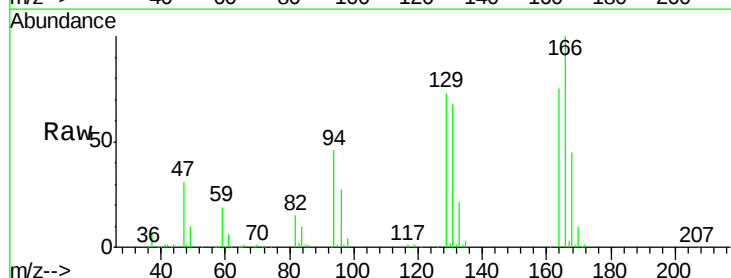


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

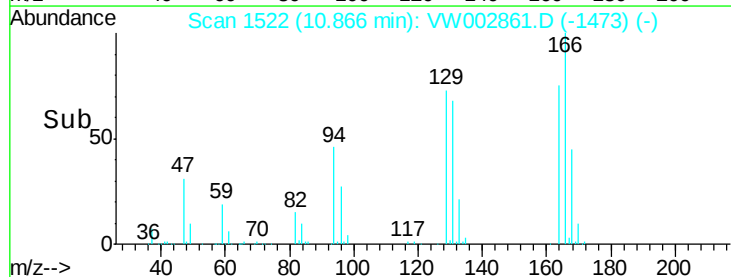
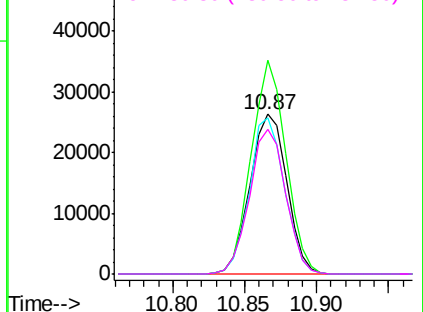


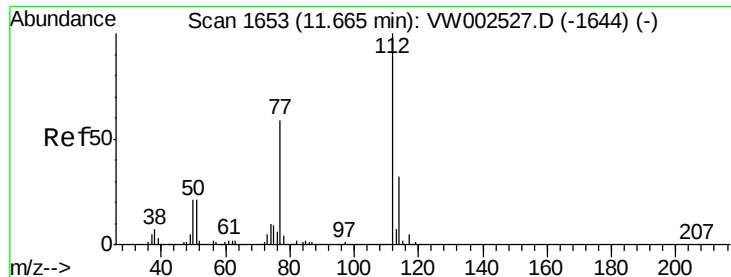
#64
Tetrachloroethene
Concen: 23.92 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tgt Ion:164 Resp: 46413
Ion Ratio Lower Upper
164 100
166 133.8 104.2 156.2
129 97.6 77.0 115.4
131 90.9 73.1 109.7



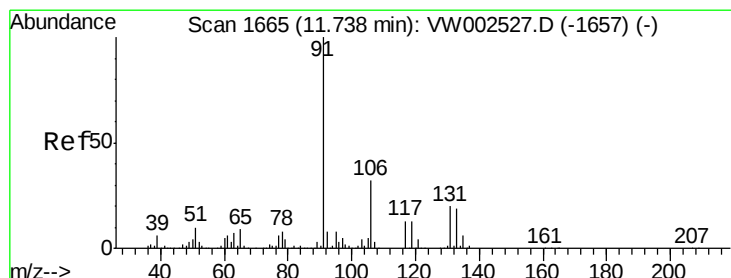
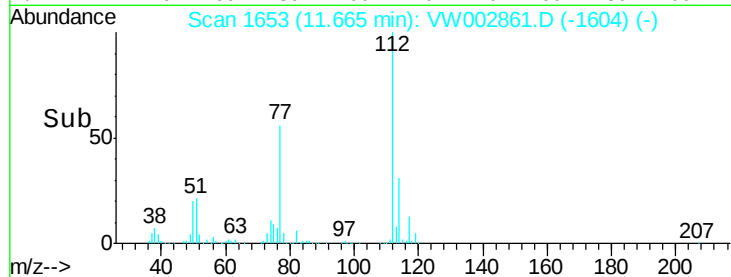
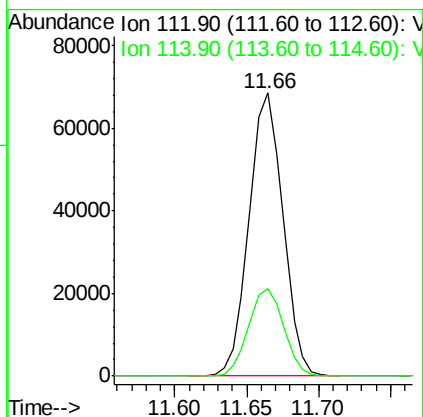
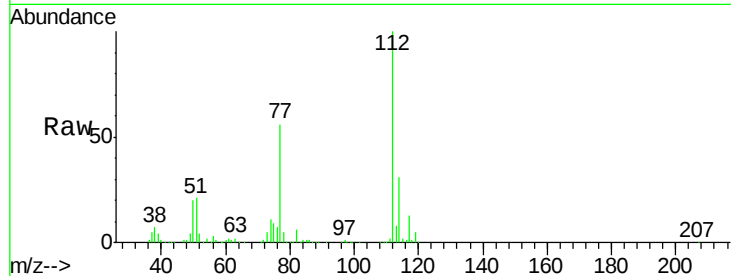
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





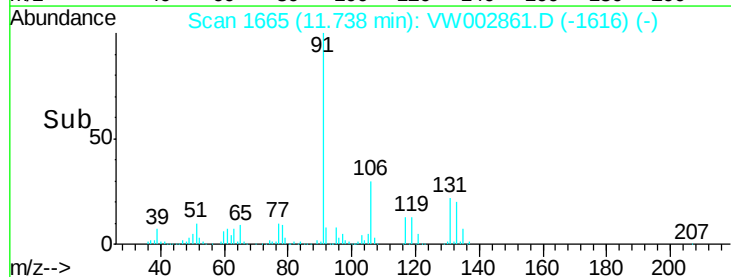
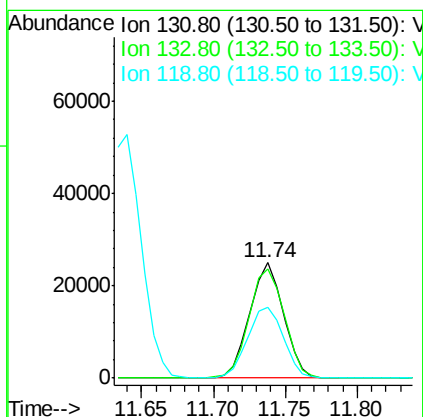
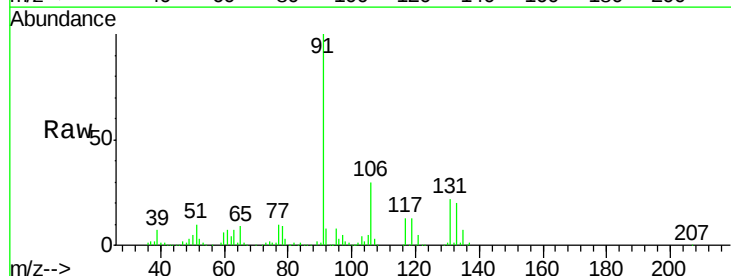
#65
Chlorobenzene
Concen: 20.37 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

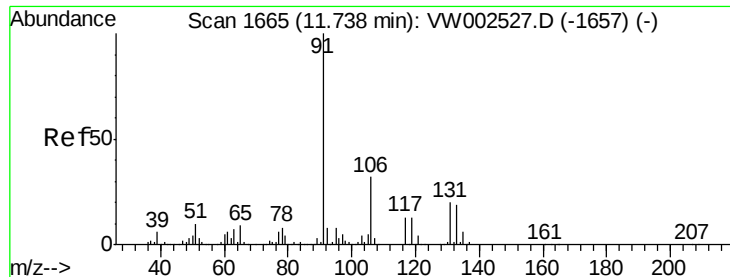
Tot Ion:112 Resp: 111725
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.72 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

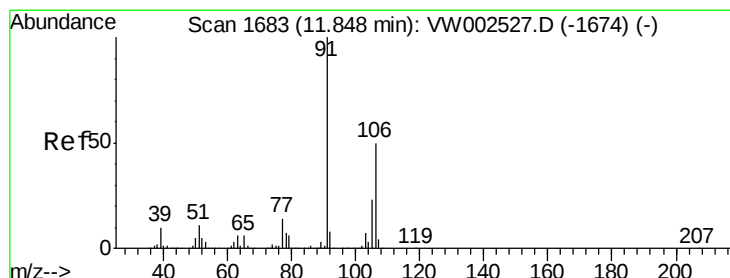
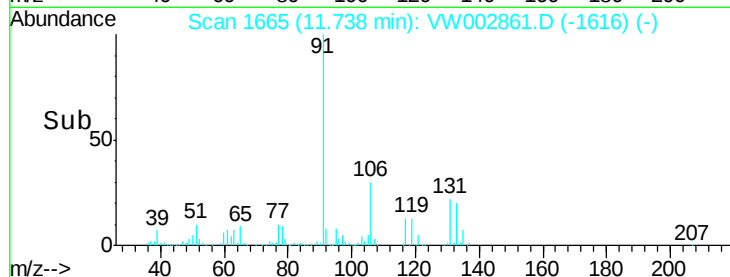
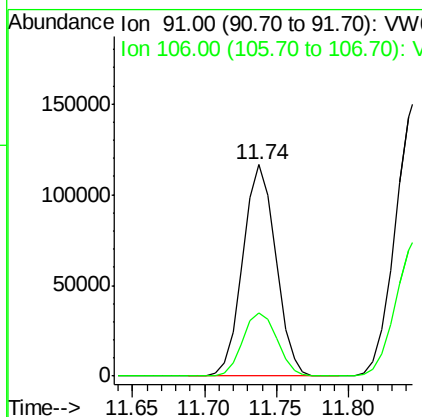
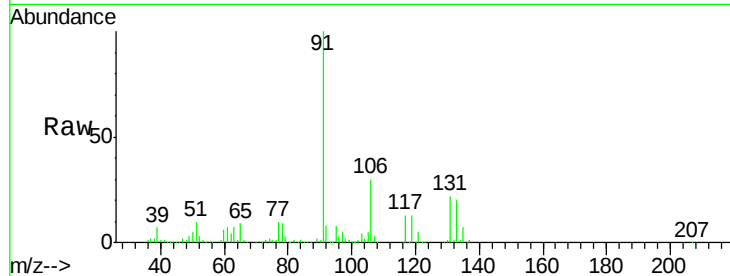
Tgt Ion:131 Resp: 40672
Ion Ratio Lower Upper
131 100
133 98.2 48.4 145.3
119 65.0 32.2 96.6





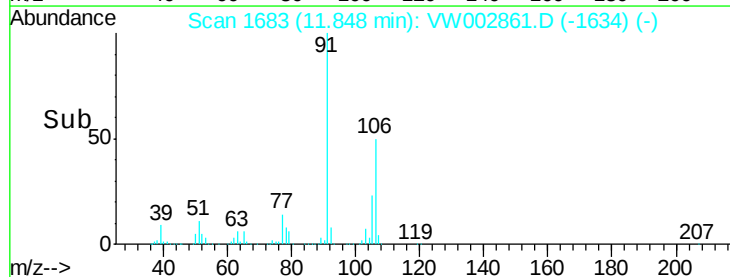
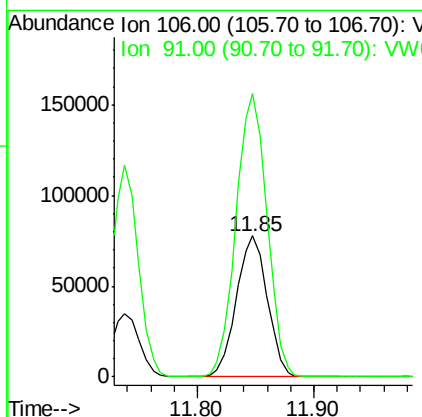
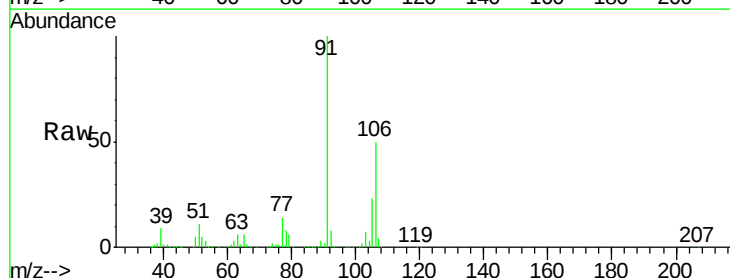
#67
Ethyl Benzene
Concen: 19.86 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

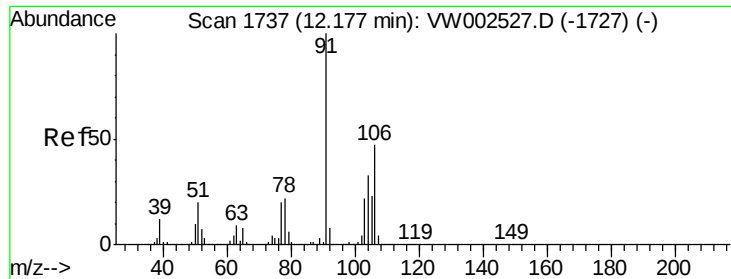
Tot Ion: 91 Resp: 185059
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.0



#68
m/p-Xylenes
Concen: 39.74 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

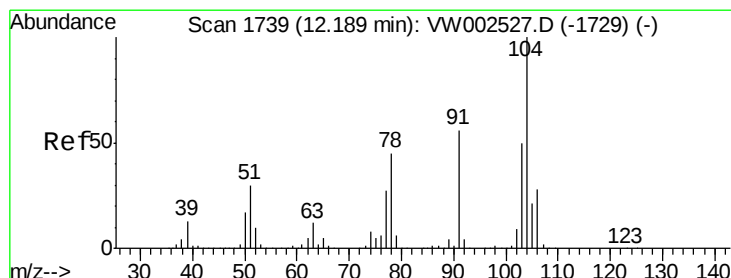
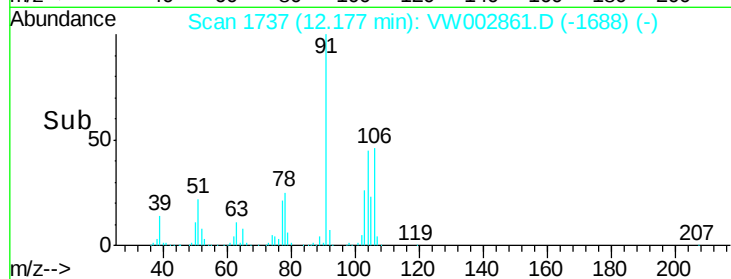
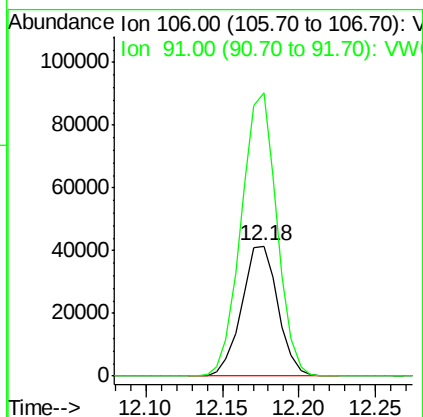
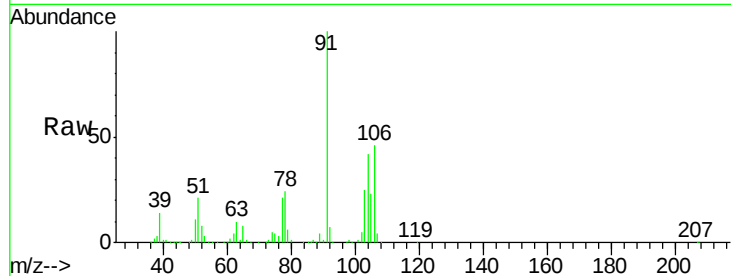
Tgt Ion: 106 Resp: 143987
Ion Ratio Lower Upper
106 100
91 201.9 161.4 242.2





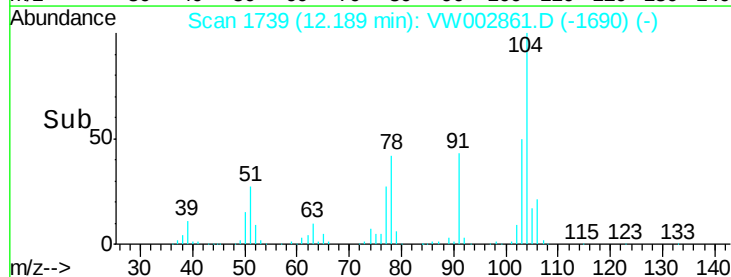
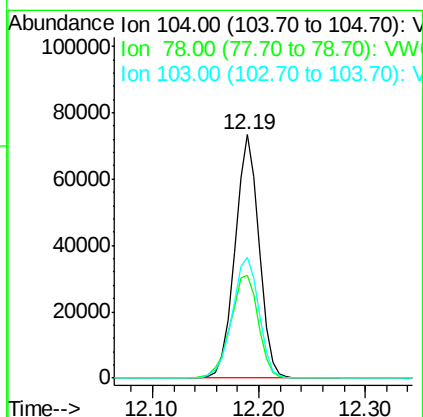
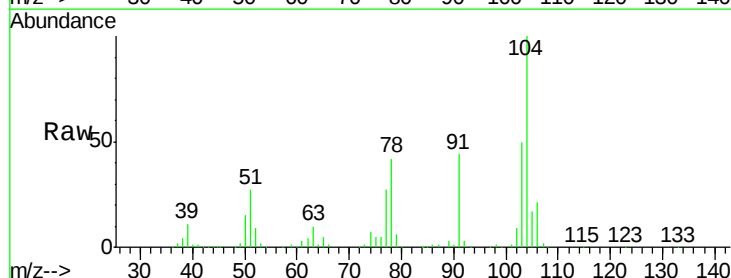
#69
o-Xylene
Concen: 19.84 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

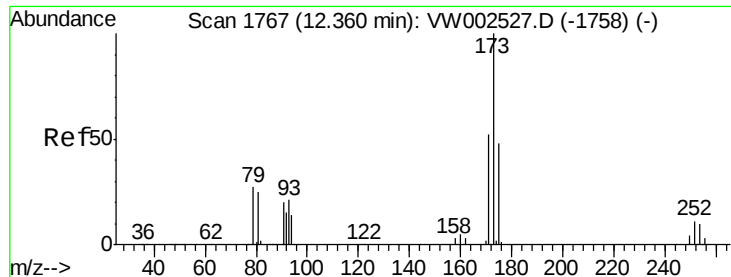
Tot Ion:106 Resp: 68320
Ion Ratio Lower Upper
106 100
91 213.7 106.7 320.2



#70
Styrene
Concen: 20.33 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tgt Ion:104 Resp: 116483
Ion Ratio Lower Upper
104 100
78 48.6 40.1 60.1
103 55.3 44.6 66.8





#71

Bromoform

Concen: 20.65 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

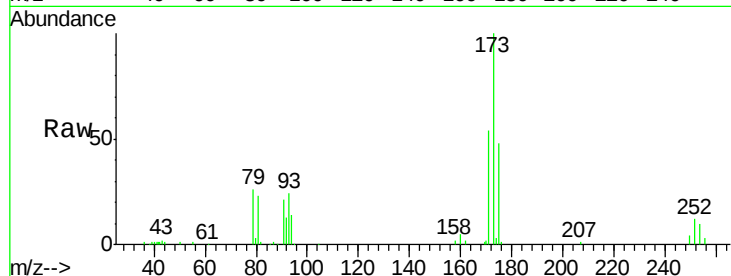
Tot Ion:173 Resp: 23817

Ion Ratio Lower Upper

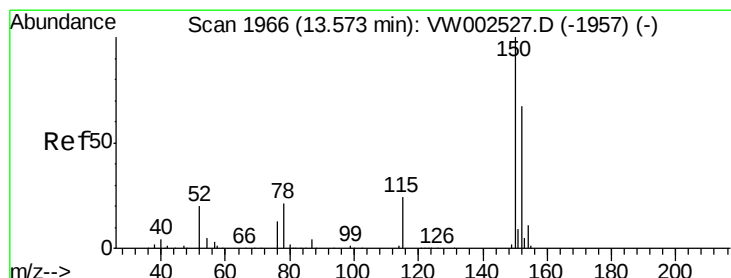
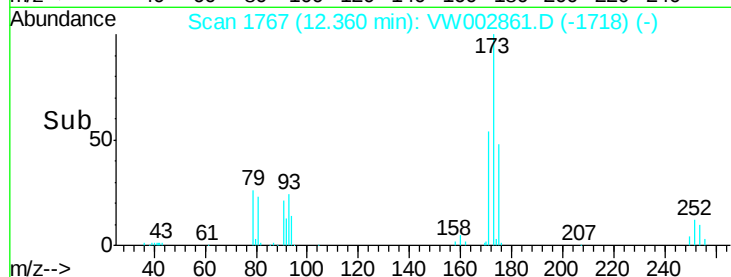
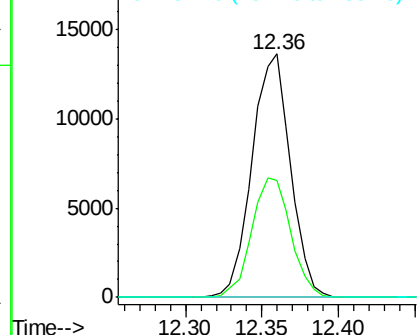
173 100

175 49.8 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

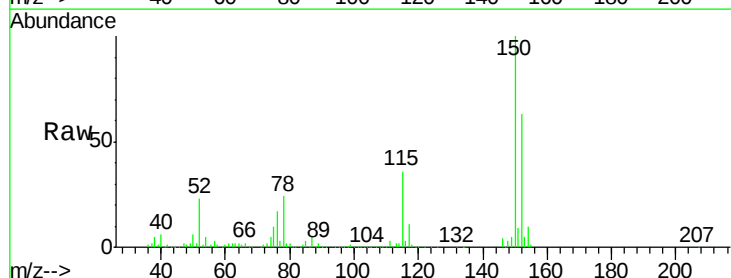
Tgt Ion:152 Resp: 152066

Ion Ratio Lower Upper

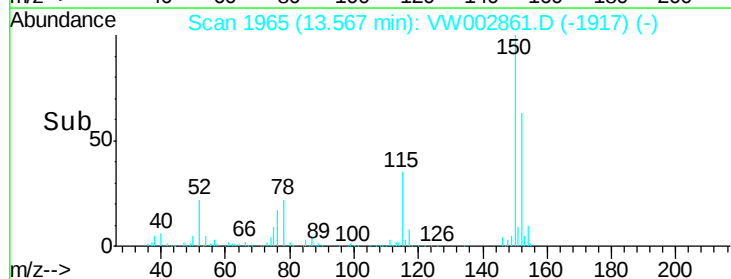
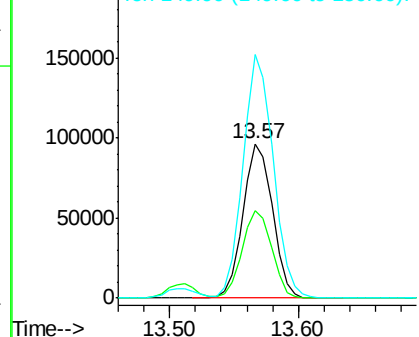
152 100

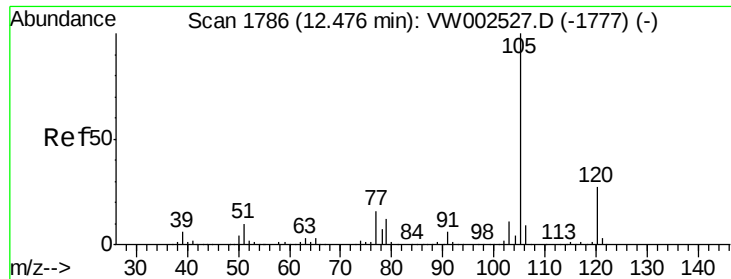
115 56.8 28.0 84.0

150 161.9 0.0 345.4



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





#73

Isopropylbenzene

Concen: 19.32 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002861.D

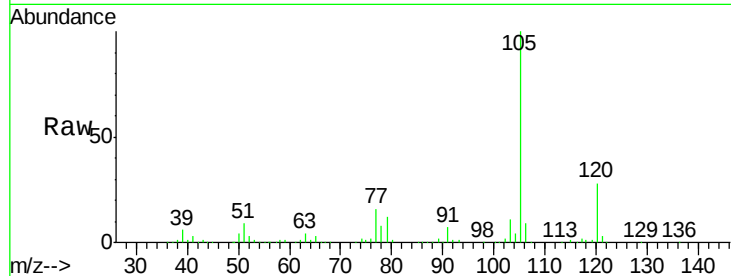
Acq: 24 May 2018 23:41

Tot Ion: 105 Resp: 181074

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

20000

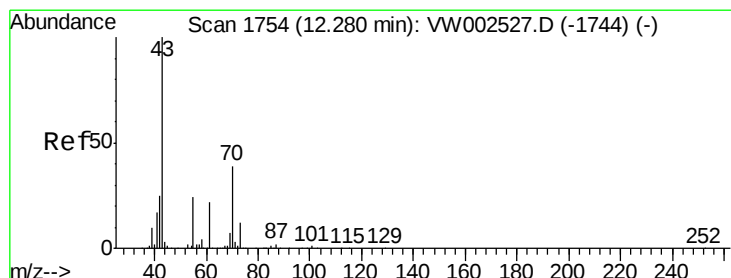
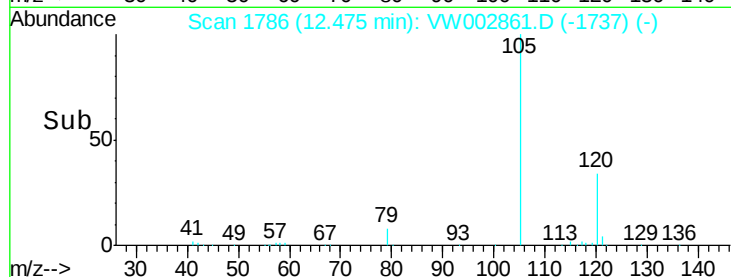
0

12.40

12.48

12.50

Time-->



#74

N-ethyl acetate

Concen: 22.03 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

Tgt Ion: 43 Resp: 52610

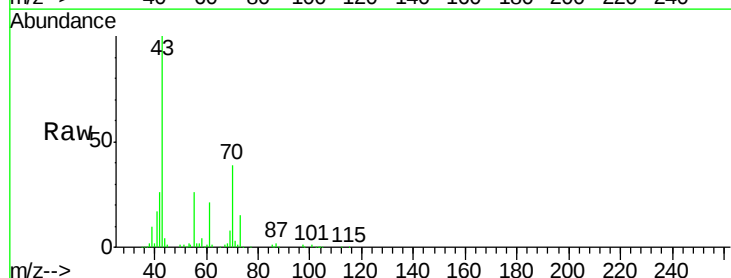
Ion Ratio Lower Upper

43 100

70 39.1 31.9 47.9

55 26.1 19.4 29.0

61 22.0 18.3 27.5



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

50000

40000

30000

20000

10000

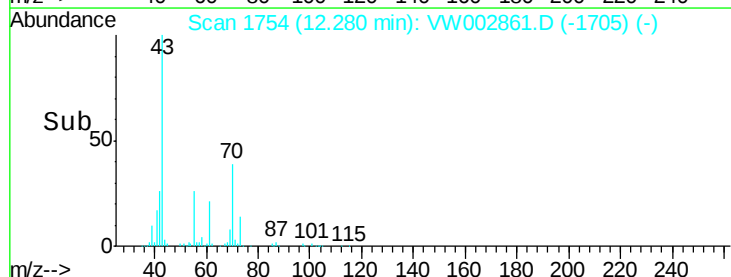
0

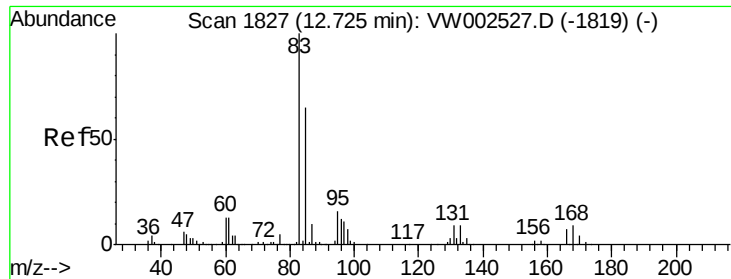
12.20

12.28

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.76 ug/l

RT: 12.73 min Scan# 1827

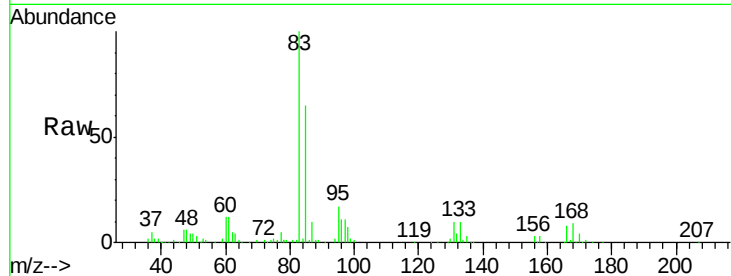
Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

Tot Ion: 83 Resp: 41320

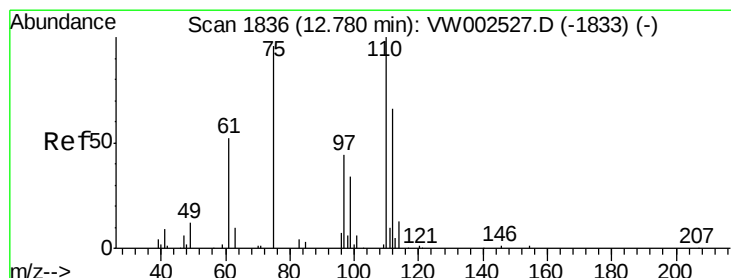
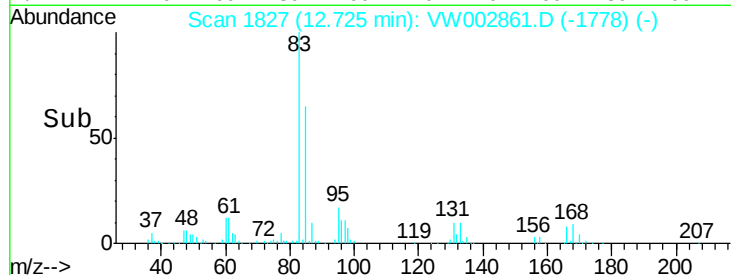
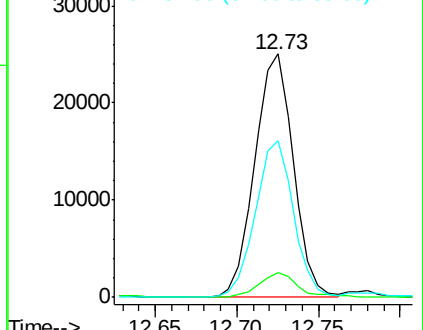
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.4	16.2
85	63.6	31.6	94.8



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: 35.66 ug/l

RT: 12.77 min Scan# 1835

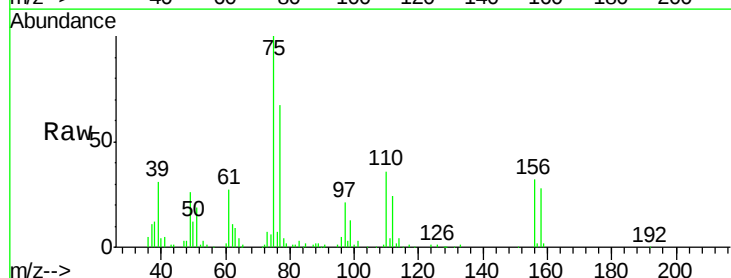
Delta R.T. -0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

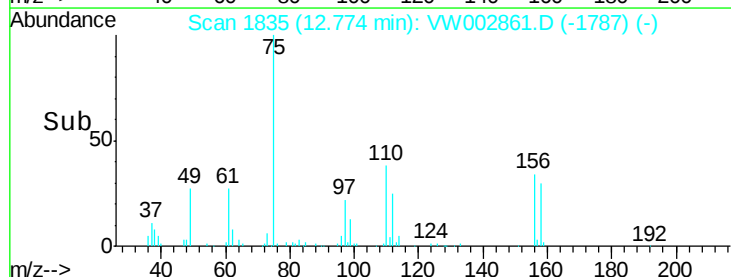
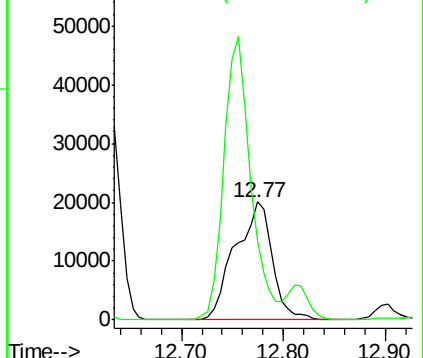
Tgt Ion: 75 Resp: 51254

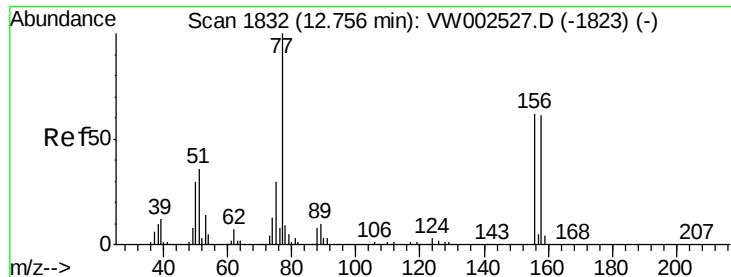
Ion	Ratio	Lower	Upper
75	100		
77	171.0	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.48 ug/l

RT: 12.76 min Scan# 1832

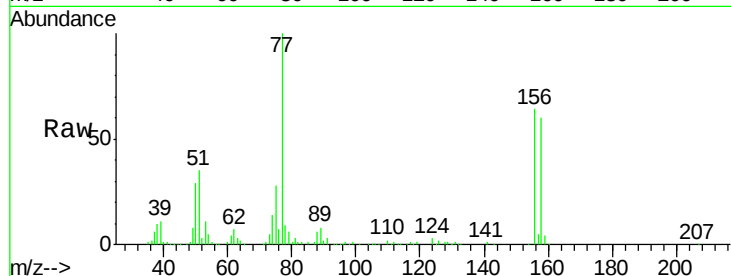
Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

Tot Ion:156 Resp: 48985

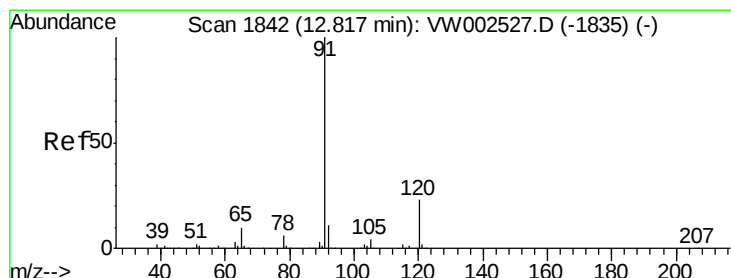
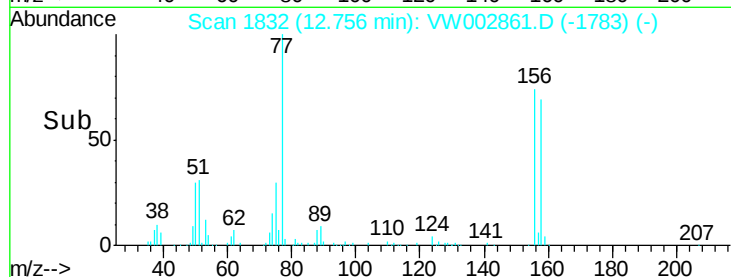
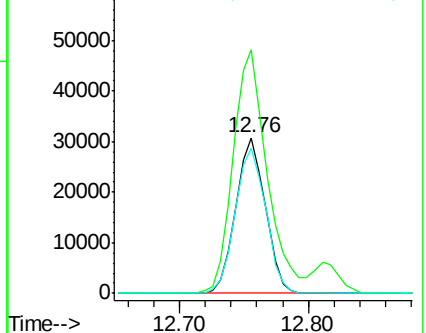
Ion	Ratio	Lower	Upper
156	100		
77	178.9	89.8	269.4
158	96.5	48.8	146.3



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: 19.87 ug/l

RT: 12.81 min Scan# 1841

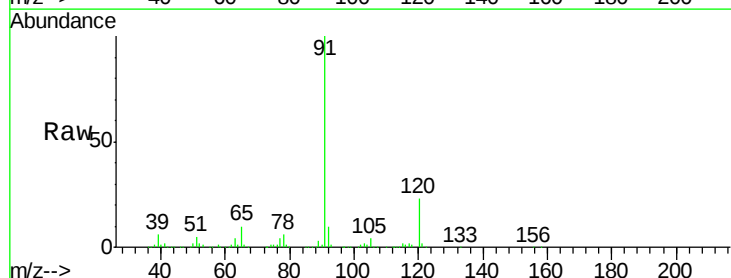
Delta R.T. -0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

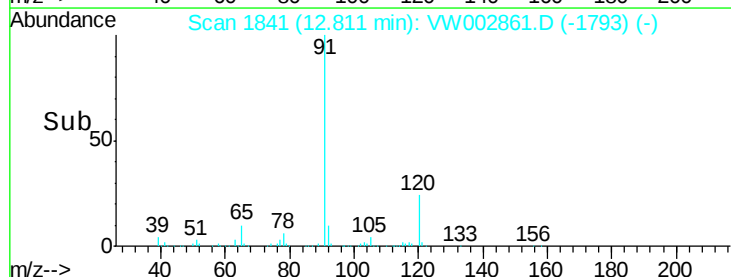
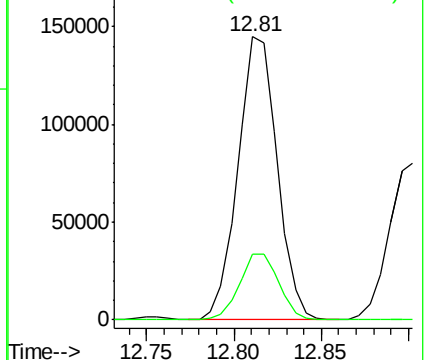
Tgt Ion: 91 Resp: 224933

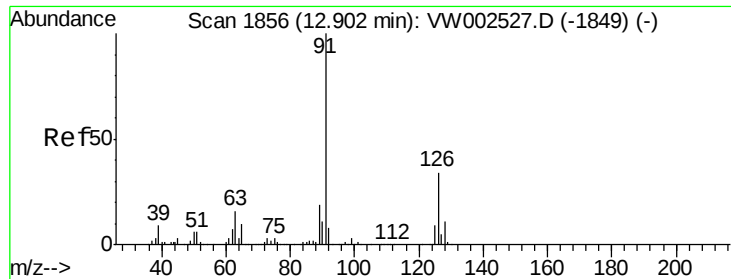
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.26 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002861.D

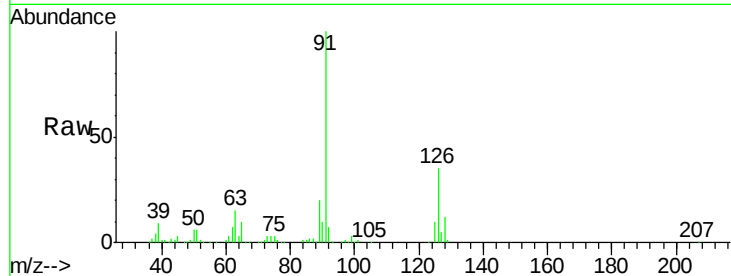
Acq: 24 May 2018 23:41

Tot Ion: 91 Resp: 130265

Ion Ratio Lower Upper

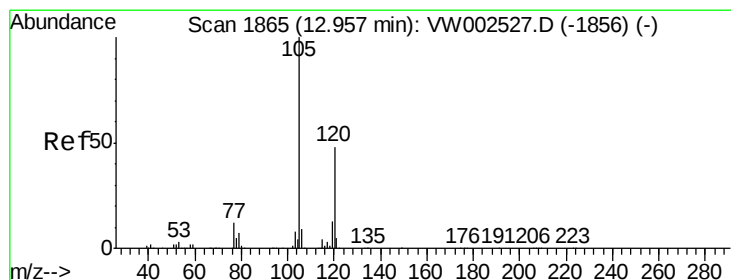
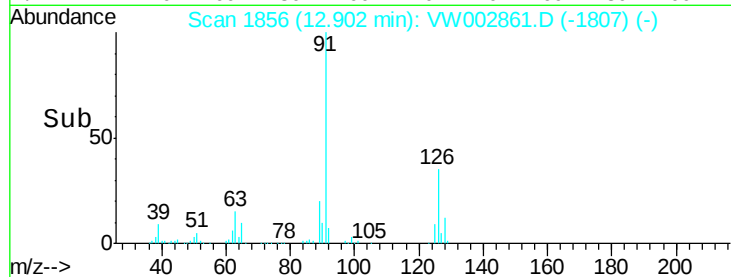
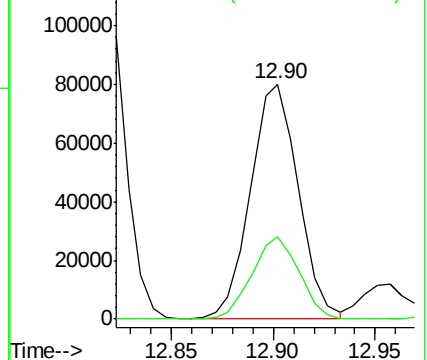
91 100

126 34.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.05 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VW002861.D

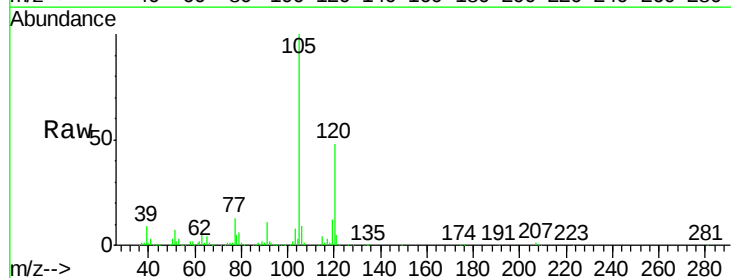
Acq: 24 May 2018 23:41

Tgt Ion:105 Resp: 160376

Ion Ratio Lower Upper

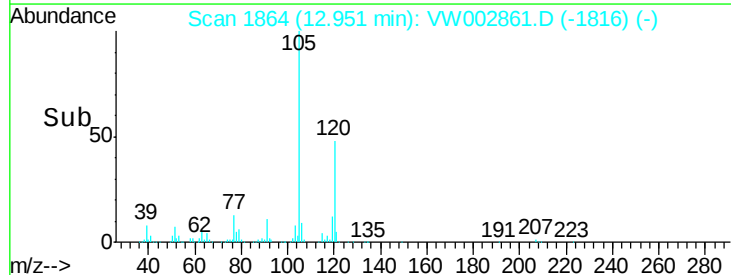
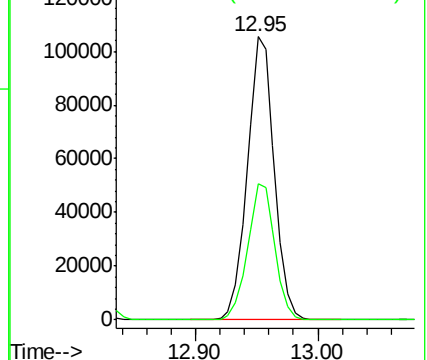
105 100

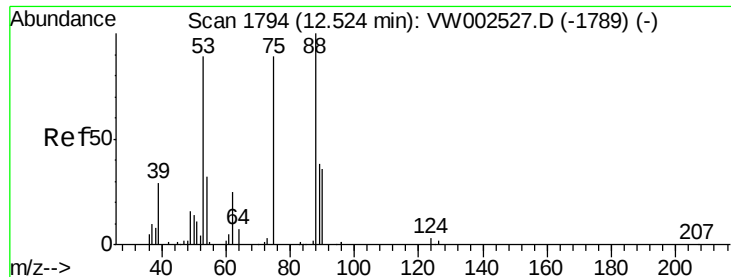
120 48.5 24.6 73.8



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: 19.48 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

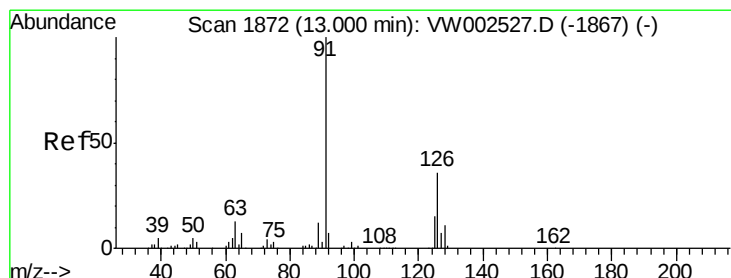
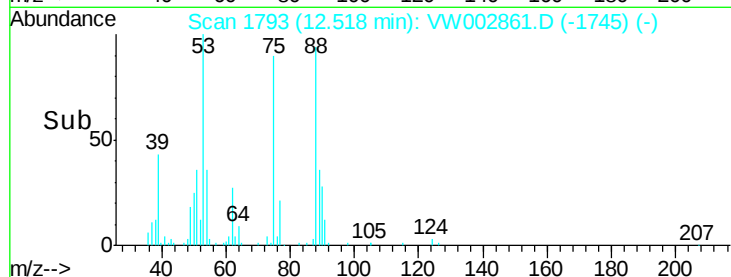
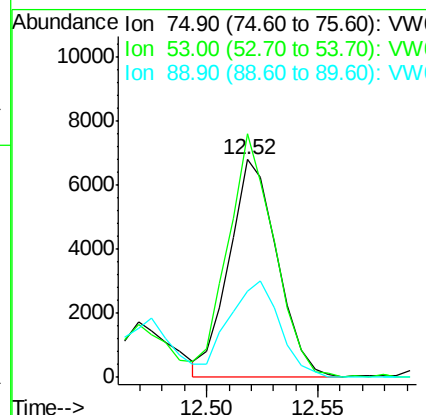
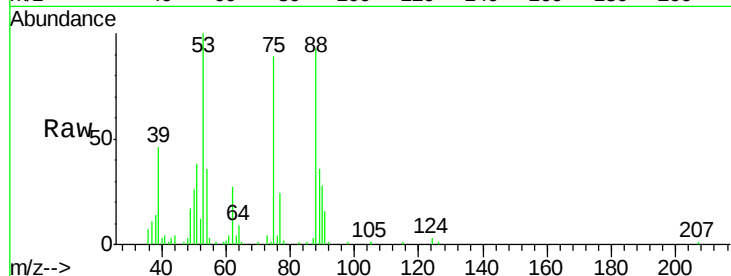
Tot Ion: 75 Resp: 10270

Ion Ratio Lower Upper

75 100

53 107.1 82.6 124.0

89 45.9 39.2 58.8



#82

4-Chlorotoluene

Concen: 20.19 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VW002861.D

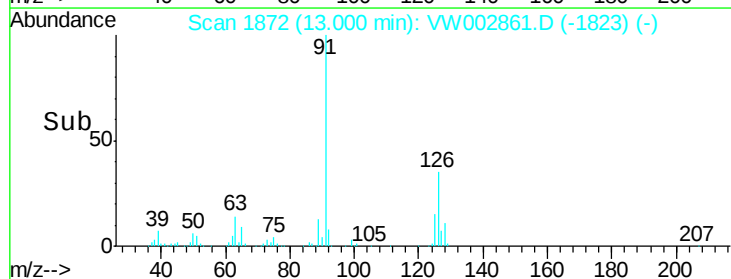
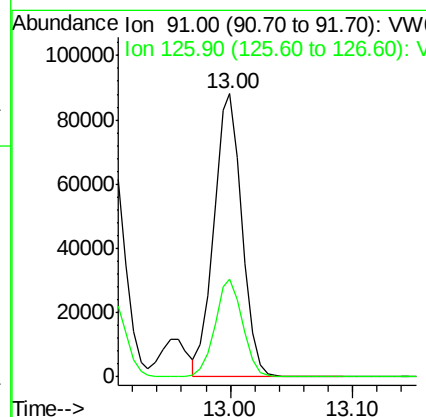
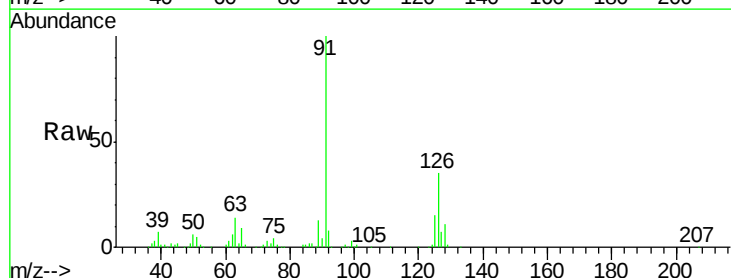
Acq: 24 May 2018 23:41

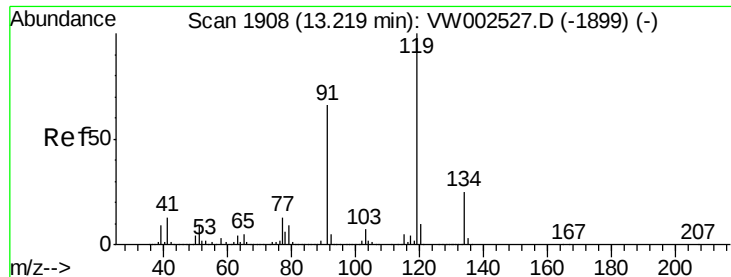
Tgt Ion: 91 Resp: 140326

Ion Ratio Lower Upper

91 100

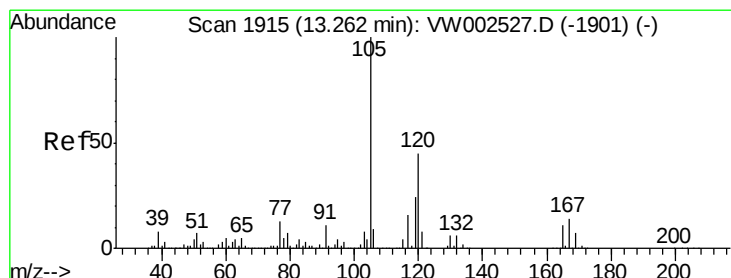
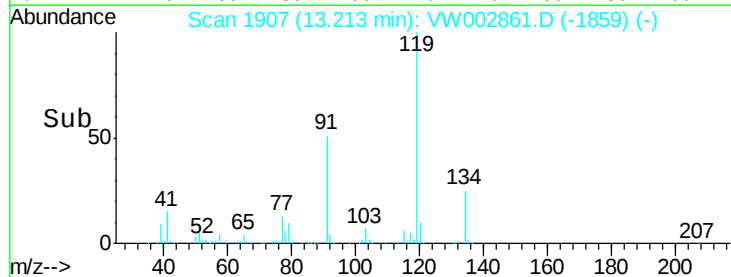
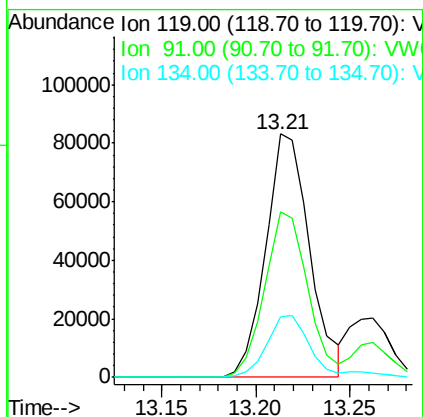
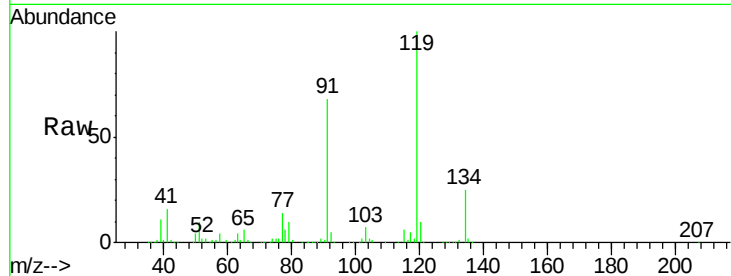
126 34.3 17.5 52.5





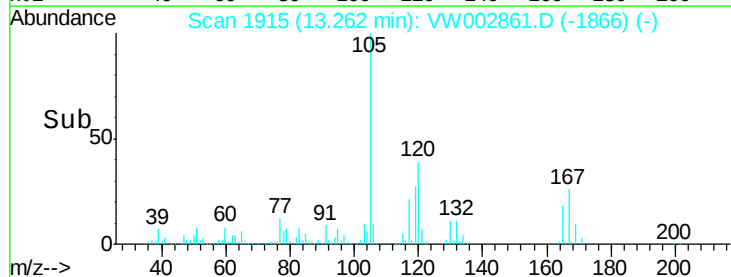
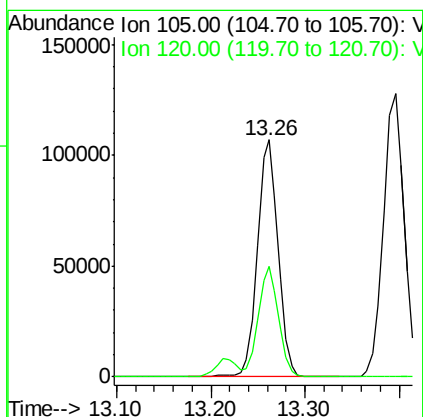
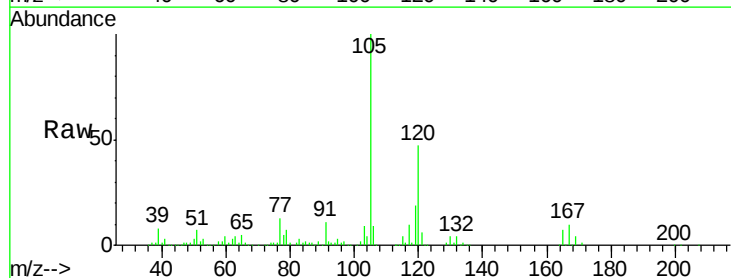
#83
 tert-Butylbenzene
 Concen: 19.45 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

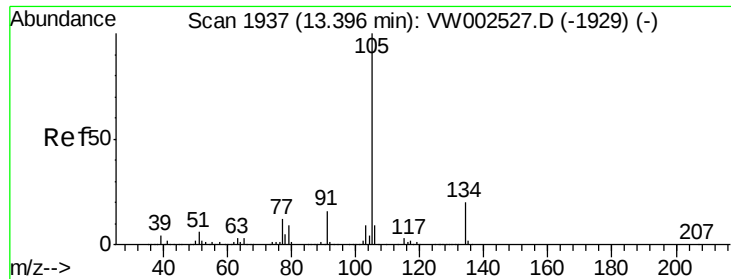
Tot Ion	119	Resp	134338
Ion Ratio	Lower	Upper	
119	100		
91	66.6	32.5	97.5
134	26.0	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.93 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

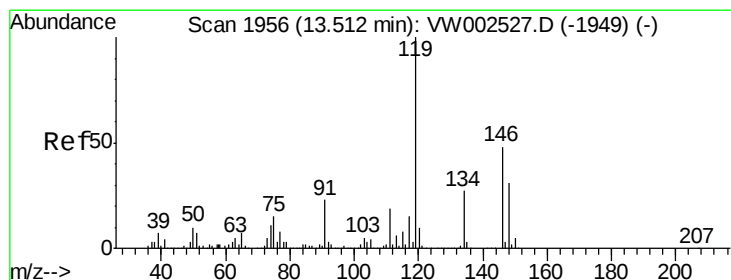
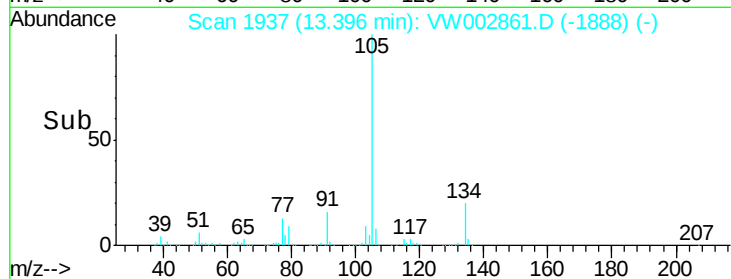
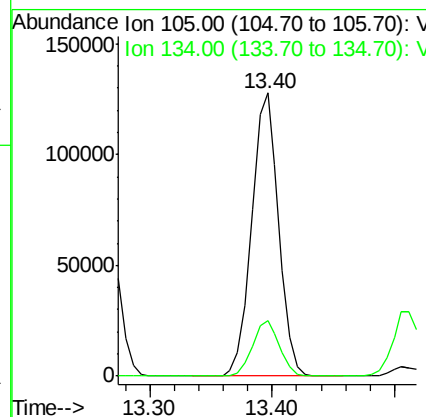
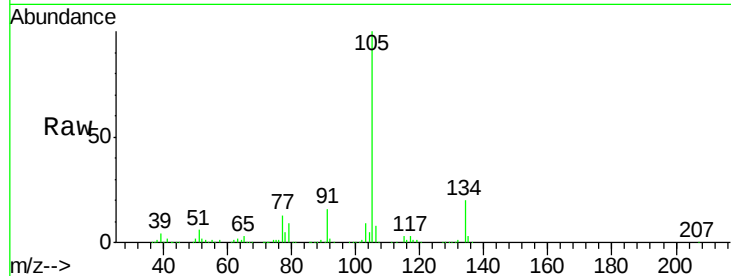
Tgt Ion	105	Resp	165539
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.3	66.9





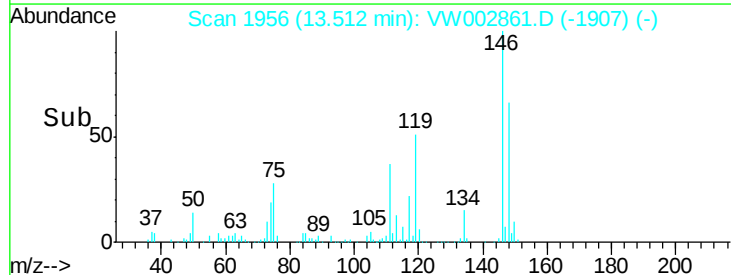
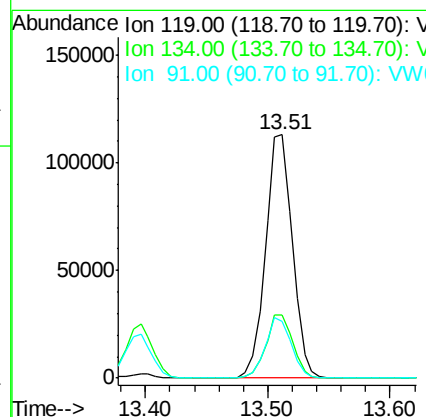
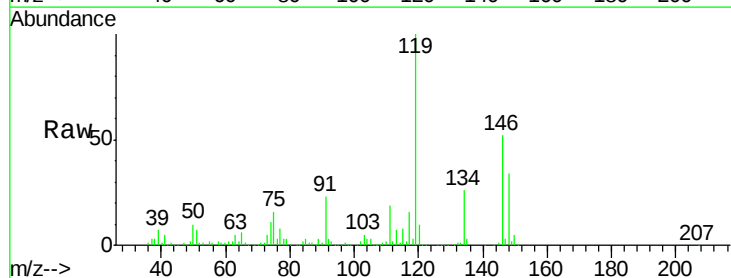
#85
 sec-Butylbenzene
 Concen: 19.67 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

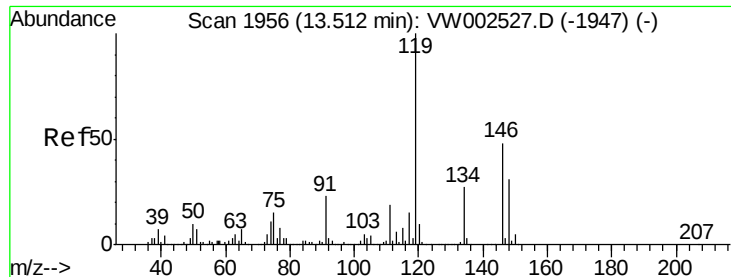
Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.3



#86
 p-Isopropyltoluene
 Concen: 19.37 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

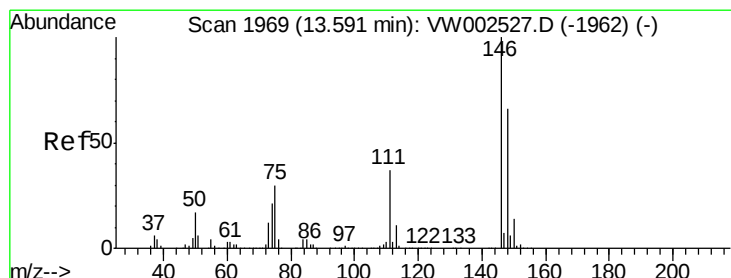
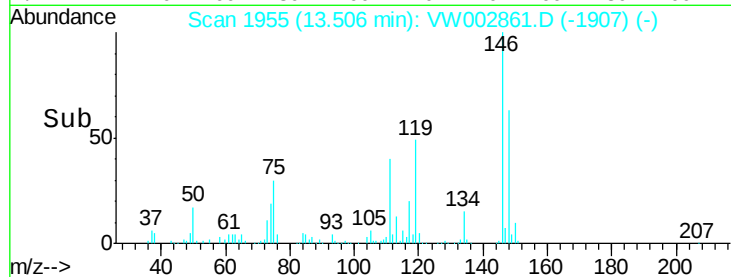
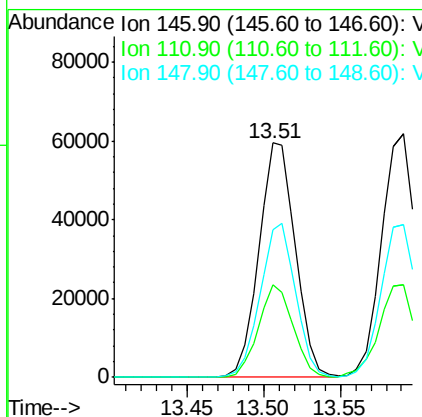
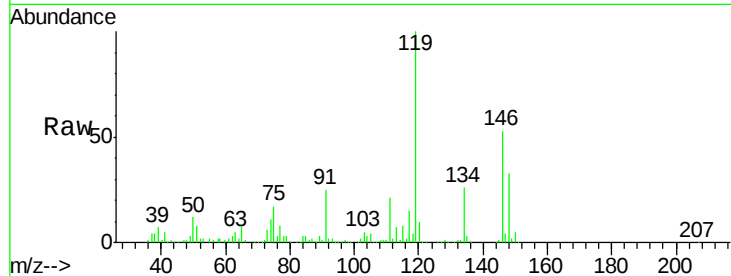
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.4	40.1
91	24.1	11.6	34.8





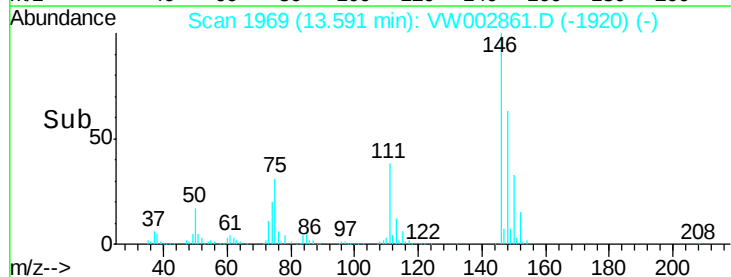
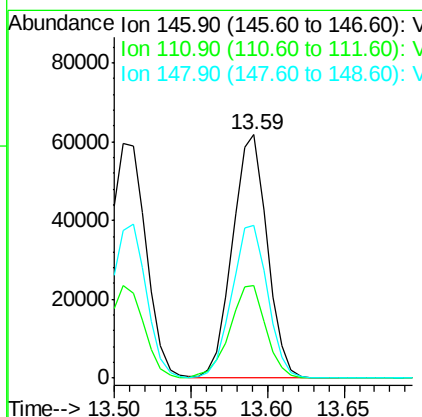
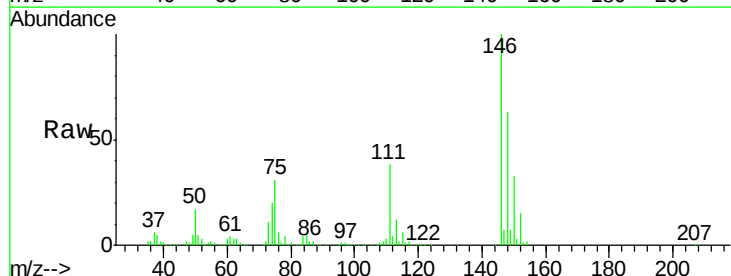
#87
 1,3-Dichlorobenzene
 Concen: 20.33 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

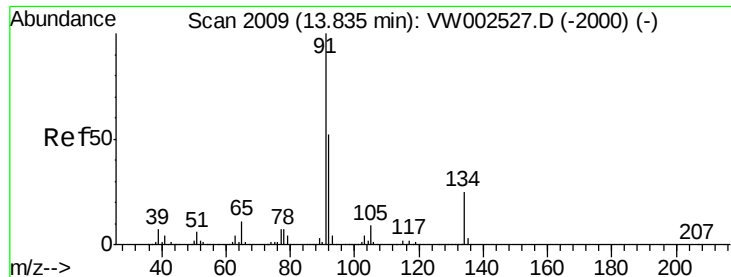
Tot Ion:146 Resp: 98362
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.6 58.7
 148 63.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 20.19 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002861.D
 Acq: 24 May 2018 23:41

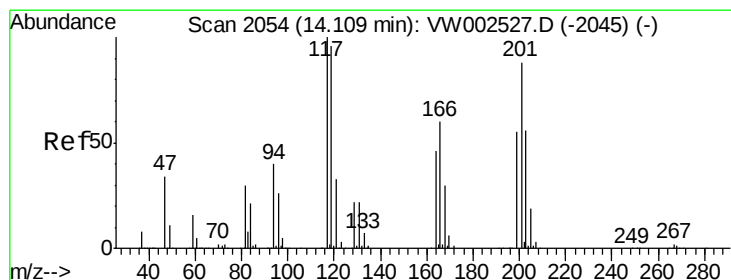
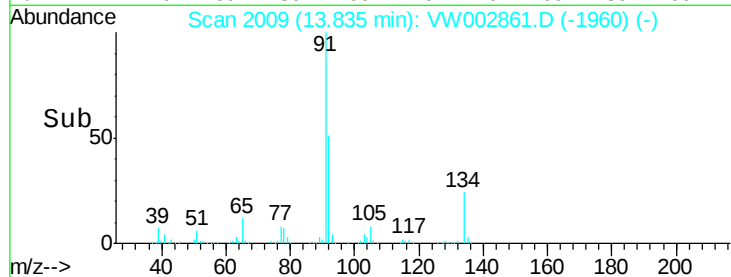
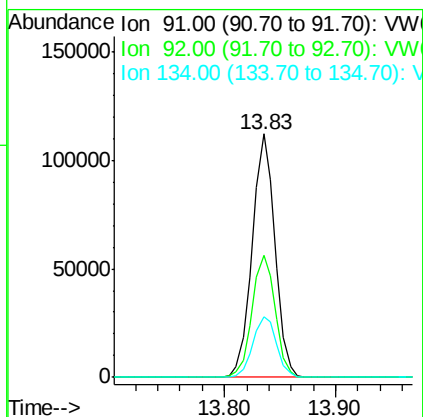
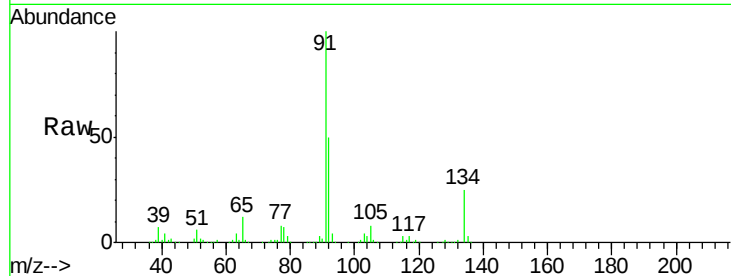
Tgt Ion:146 Resp: 97155
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.9 56.5
 148 64.9 32.4 97.0





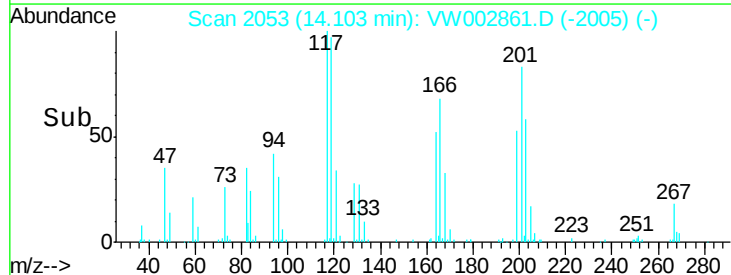
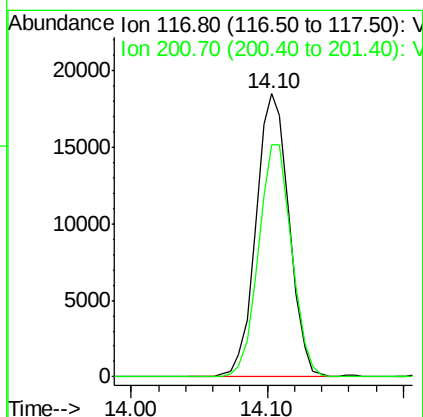
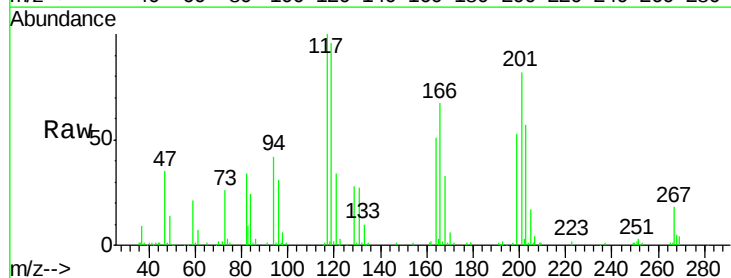
#89
n-Butylbenzene
Concen: 18.96 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

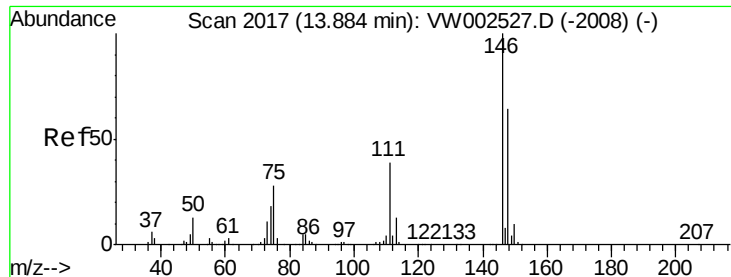
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.1	78.2
134	26.0	13.1	39.1



#90
Hexachloroethane
Concen: 19.70 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.01 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.4	42.0	126.0





#91

1,2-Dichlorobenzene

Concen: 20.85 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.01 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

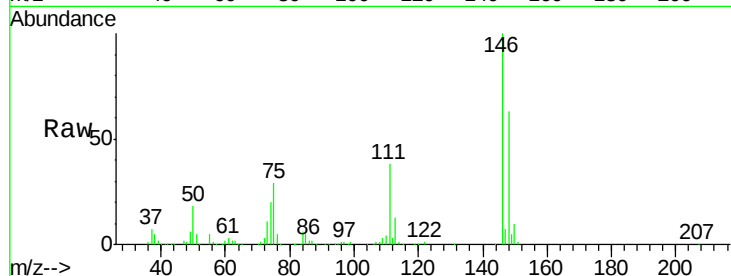
Tot Ion:146 Resp: 91528

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.6

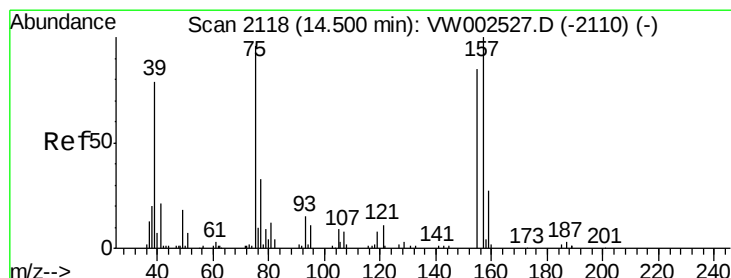
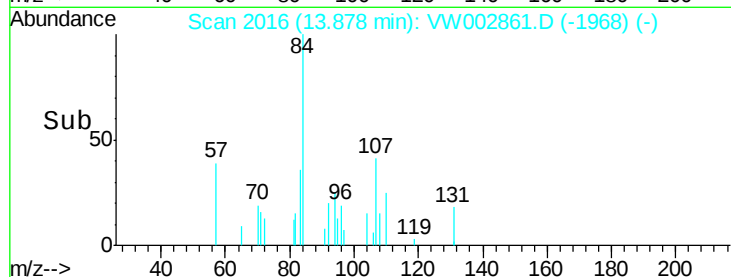
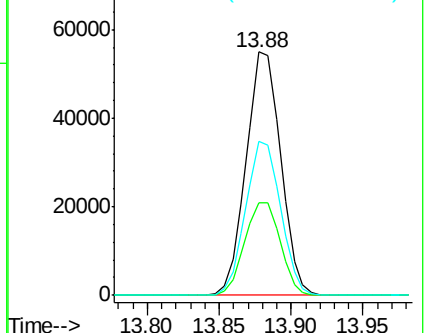
148 63.9 32.1 96.3



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: 22.81 ug/l

RT: 14.50 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

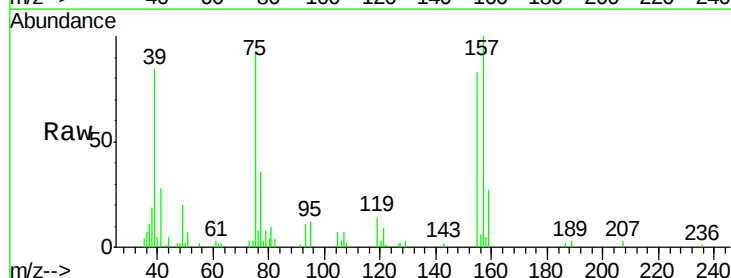
Tgt Ion: 75 Resp: 7643

Ion Ratio Lower Upper

75 100

155 83.4 42.8 128.4

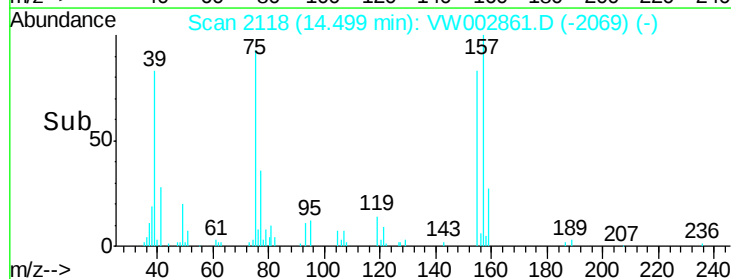
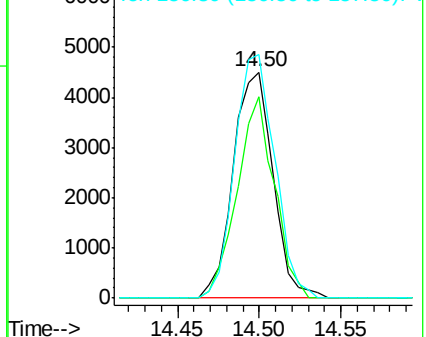
157 108.7 57.4 172.0

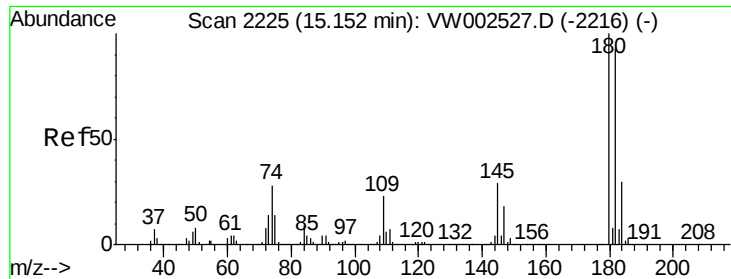


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

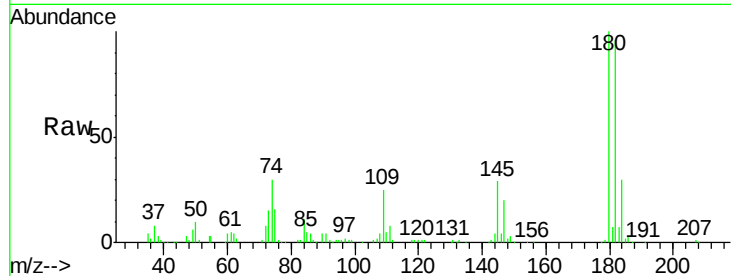
Ion 156.80 (156.50 to 157.50): V



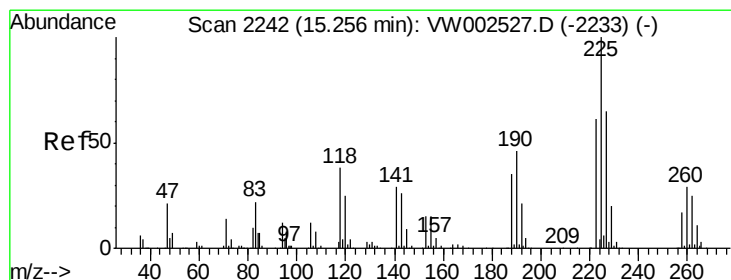
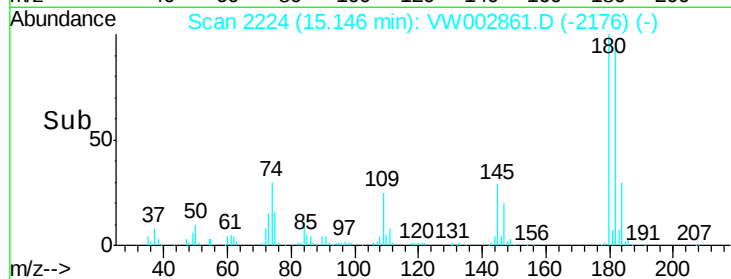
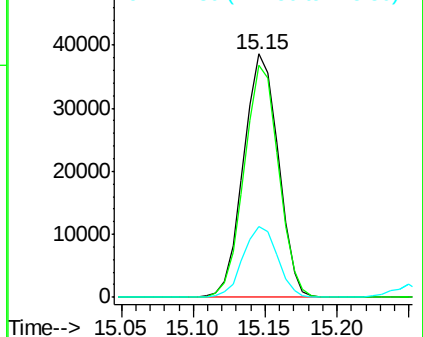


#93
1,2,4-Trichlorobenzene
Concen: 20.22 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.2	141.6
145	28.9	14.9	44.9

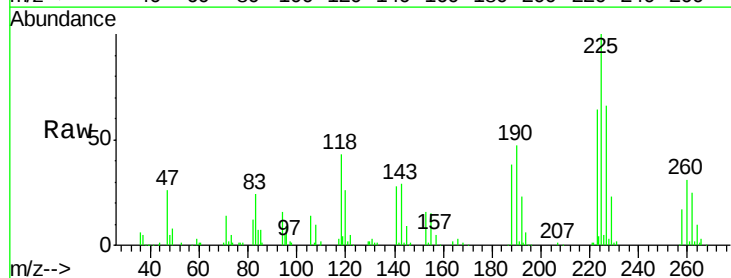


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

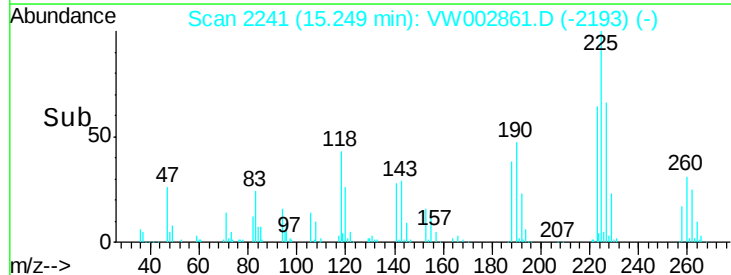
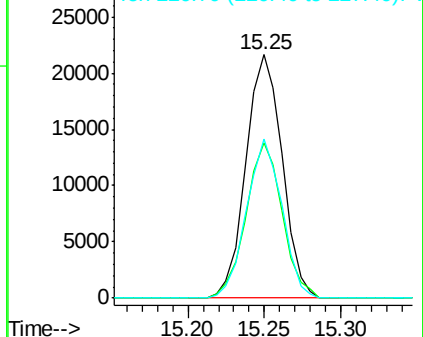


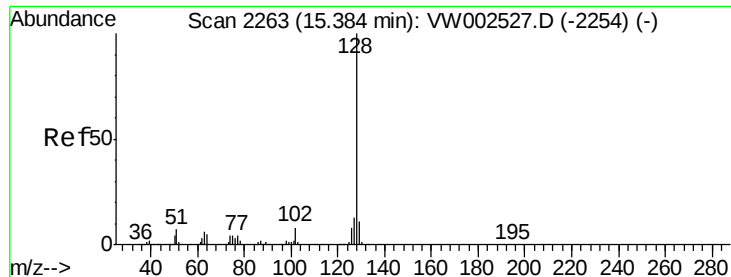
#94
Hexachlorobutadiene
Concen: 20.11 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. -0.01 min
Lab File: VW002861.D
Acq: 24 May 2018 23:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.3	93.9
227	63.6	31.9	95.5



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





#95

Naphthalene

Concen: 21.42 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

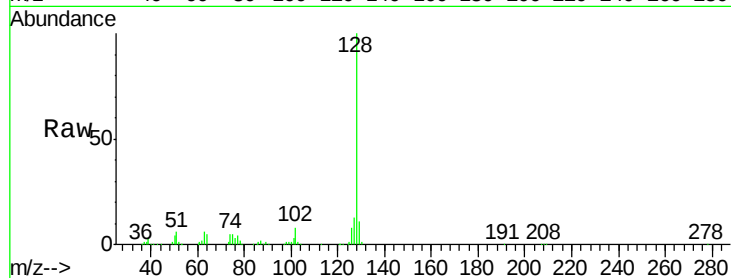
Tot Ion:128 Resp: 124439

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

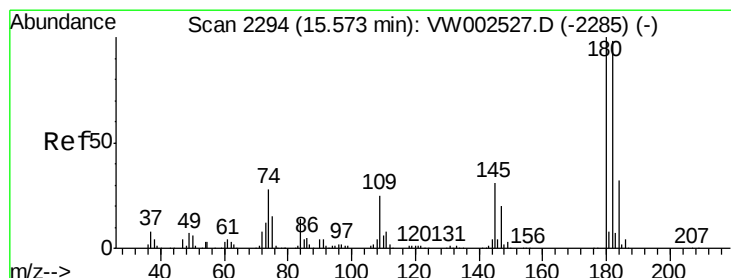
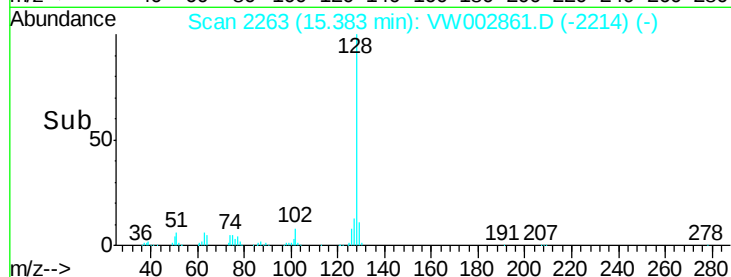
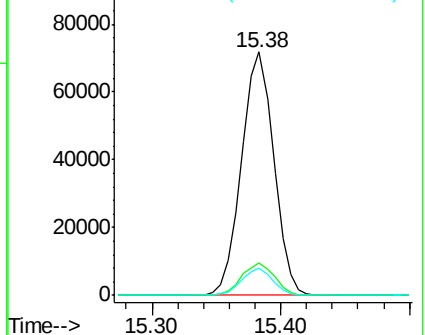
129 11.0 8.9 13.3



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: 21.36 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002861.D

Acq: 24 May 2018 23:41

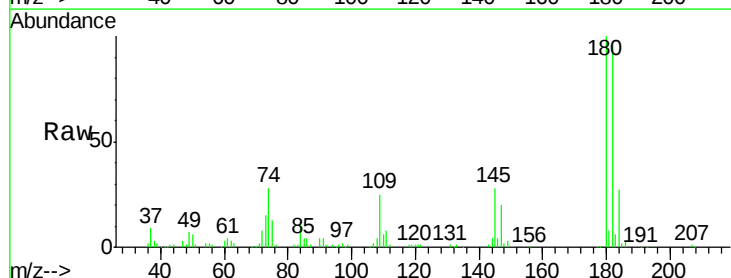
Tgt Ion:180 Resp: 61070

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.8

145 30.4 15.5 46.5



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

