

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022219\
 Data File : VW008788.D
 Acq On : 22 Feb 2019 14:46
 Operator : SY/VA
 Sample : VW0222SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 23 03:24:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	320971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	468652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	443950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	240083	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	153400	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
35) Dibromofluoromethane	7.88	113	141332	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
50) Toluene-d8	10.32	98	541447	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	205648	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	59891	18.630	ug/l	96
3) Chloromethane	2.21	50	76810	19.628	ug/l	99
4) Vinyl Chloride	2.35	62	80645	19.464	ug/l	100
5) Bromomethane	2.75	94	59098	19.204	ug/l	98
6) Chloroethane	2.91	64	54222	18.430	ug/l	100
7) Trichlorofluoromethane	3.26	101	111180	21.217	ug/l	97
8) Diethyl Ether	3.68	74	34116	20.564	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	63983	20.107	ug/l	98
10) Methyl Iodide	4.27	142	80063	20.120	ug/l	99
11) Tert butyl alcohol	5.17	59	25383	94.710	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	57085	20.313	ug/l	97
13) Acrolein	3.90	56	24606	99.936	ug/l	99
14) Allyl chloride	4.67	41	97573	20.117	ug/l	98
15) Acrylonitrile	5.37	53	72335	101.596	ug/l	98
16) Acetone	4.12	43	68066	97.545	ug/l	99
17) Carbon Disulfide	4.38	76	179014	19.199	ug/l	96
18) Methyl Acetate	4.68	43	31263	18.889	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	159031	20.907	ug/l	100
20) Methylene Chloride	4.92	84	73567	18.147	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	68969	21.216	ug/l	89
22) Diisopropyl ether	6.31	45	200682	20.741	ug/l	97
23) Vinyl Acetate	6.26	43	625494	104.631	ug/l	100
24) 1,1-Dichloroethane	6.22	63	114393	20.403	ug/l	98
25) 2-Butanone	7.17	43	99818	102.319	ug/l	99
26) 2,2-Dichloropropane	7.17	77	103884	20.408	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	71128	20.455	ug/l	98
28) Bromochloromethane	7.51	49	47552	20.267	ug/l	99
29) Tetrahydrofuran	7.53	42	63078	101.461	ug/l	98
30) Chloroform	7.68	83	118361	20.578	ug/l	97
31) Cyclohexane	7.95	56	116560	20.538	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	108406	20.725	ug/l	98
36) 1,1-Dichloropropene	8.08	75	94924	20.807	ug/l	98
37) Ethyl Acetate	7.26	43	46586	21.960	ug/l	98
38) Carbon Tetrachloride	8.07	117	98774	20.530	ug/l	99

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Quant Title : SW846 8260

QLast Update : Fri Feb 22 00:38:32 2019

Response via : Initial Calibration

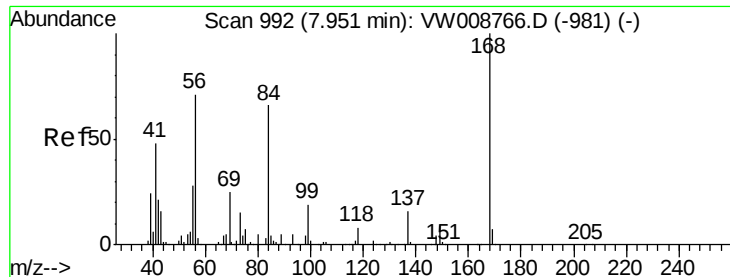
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	112761	19.816	ug/l	99
40) Benzene	8.32	78	258746	20.773	ug/l	99
41) Methacrylonitrile	7.49	41	24392	19.561	ug/l	97
42) 1,2-Dichloroethane	8.40	62	81008	20.531	ug/l	100
43) Isopropyl Acetate	8.43	43	83798	19.792	ug/l	98
44) Trichloroethene	9.09	130	74015	21.094	ug/l	96
45) 1,2-Dichloropropane	9.37	63	64351	20.907	ug/l	95
46) Dibromomethane	9.46	93	34405	20.095	ug/l	99
47) Bromodichloromethane	9.64	83	85747	20.585	ug/l	96
48) Methyl methacrylate	9.44	41	37727	18.605	ug/l	98
49) 1,4-Dioxane	9.45	88	9603	350.248	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	210623	97.983	ug/l	99
52) Toluene	10.38	92	169367	20.035	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	86451	20.362	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	100704	20.796	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	48623	20.941	ug/l	95
56) Ethyl methacrylate	10.65	69	59068	19.581	ug/l	98
57) 1,3-Dichloropropane	10.93	76	83070	20.263	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	157941	104.101	ug/l	100
59) 2-Hexanone	10.97	43	149102	97.441	ug/l	99
60) Dibromochloromethane	11.13	129	57703	20.375	ug/l	97
61) 1,2-Dibromoethane	11.23	107	46458	20.214	ug/l	100
64) Tetrachloroethene	10.86	164	63923	20.115	ug/l	98
65) Chlorobenzene	11.66	112	186894	20.021	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	62919	19.934	ug/l	98
67) Ethyl Benzene	11.73	91	334092	20.020	ug/l	100
68) m/p-Xylenes	11.84	106	268306	40.240	ug/l	98
69) o-Xylene	12.17	106	122970	19.649	ug/l	100
70) Styrene	12.18	104	201805	20.043	ug/l	100
71) Bromoform	12.35	173	32664	19.252	ug/l #	99
73) Isopropylbenzene	12.46	105	339980	20.657	ug/l	99
74) N-amyl acetate	12.27	43	79353	19.140	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	56772	21.110	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	71832	36.238	ug/l #	100
77) Bromobenzene	12.75	156	81683	21.002	ug/l	97
78) n-propylbenzene	12.80	91	411546	20.442	ug/l	98
79) 2-Chlorotoluene	12.89	91	235341	20.589	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	286076	20.001	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15457	18.957	ug/l	96
82) 4-Chlorotoluene	12.99	91	244492	20.297	ug/l	100
83) tert-Butylbenzene	13.21	119	246637	19.943	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	295609	19.966	ug/l	98
85) sec-Butylbenzene	13.38	105	362284	20.373	ug/l	99
86) p-Isopropyltoluene	13.50	119	325670	19.977	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	166875	20.680	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	163190	20.519	ug/l	98
89) n-Butylbenzene	13.83	91	308306	20.187	ug/l	98
90) Hexachloroethane	14.10	117	53787	20.154	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	147111	20.460	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8959	18.416	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	106893	20.633	ug/l	99
94) Hexachlorobutadiene	15.24	225	61026	19.998	ug/l	97
95) Naphthalene	15.37	128	178580	20.246	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	90974	20.310	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008788.D

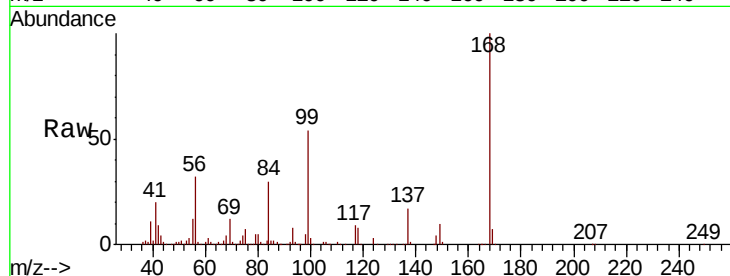
Acq: 22 Feb 2019 14:46

Tgt Ion: 168 Resp: 320971

Ion Ratio Lower Upper

168 100

99 54.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

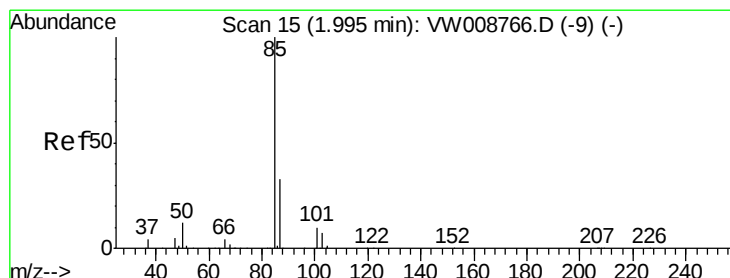
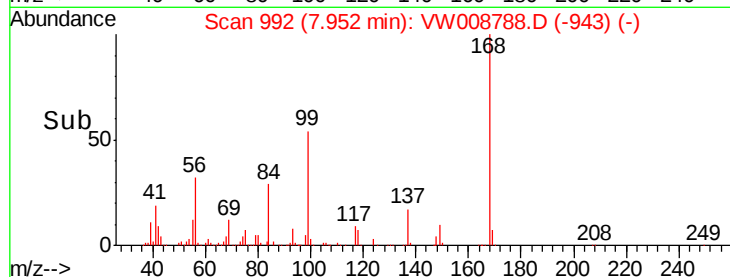
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.630 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW008788.D

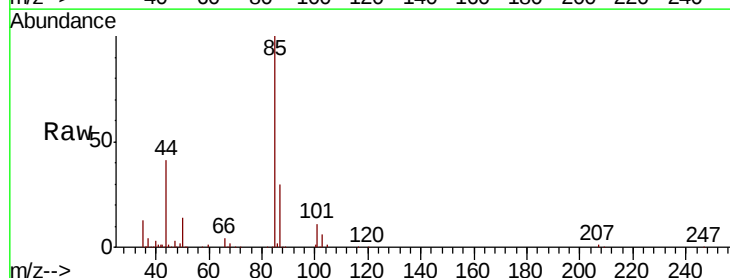
Acq: 22 Feb 2019 14:46

Tgt Ion: 85 Resp: 59891

Ion Ratio Lower Upper

85 100

87 30.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

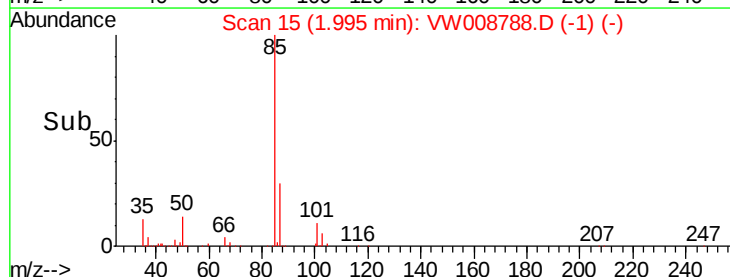
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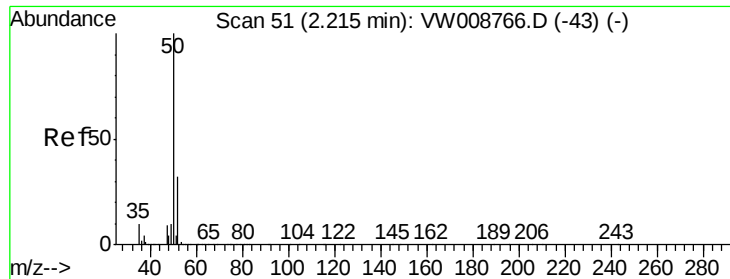
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 19.628 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008788.D

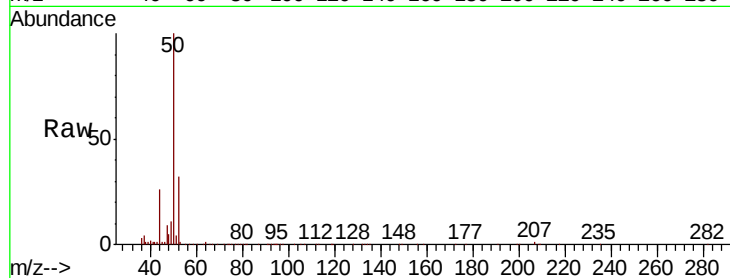
Acq: 22 Feb 2019 14:46

Tgt Ion: 50 Resp: 76810

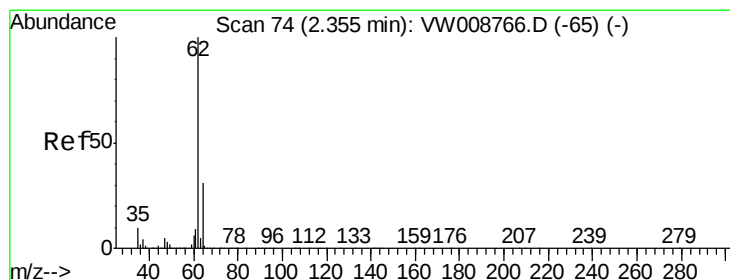
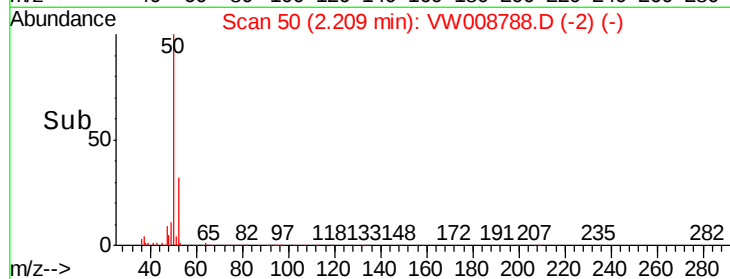
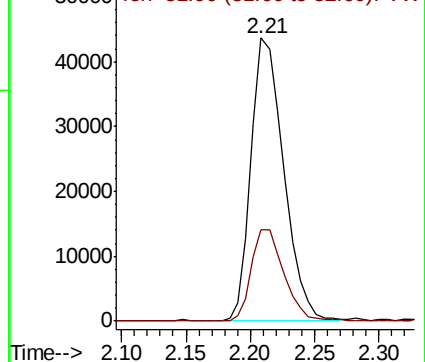
Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VW
Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 19.464 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008788.D

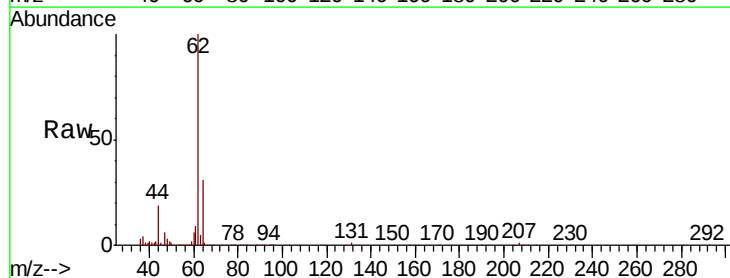
Acq: 22 Feb 2019 14:46

Tgt Ion: 62 Resp: 80645

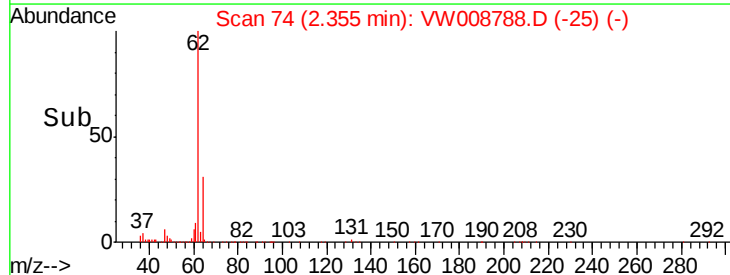
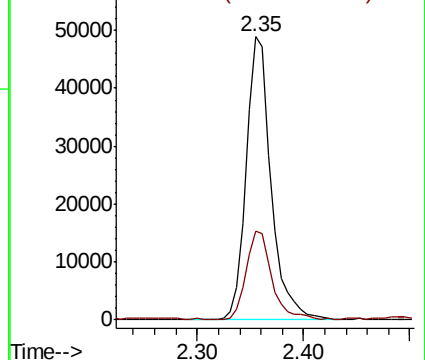
Ion Ratio Lower Upper

62 100

64 31.0 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.204 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW008788.D

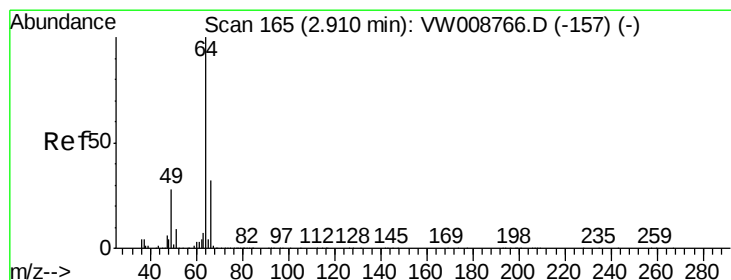
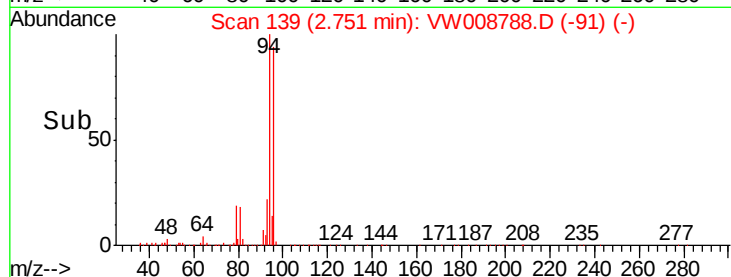
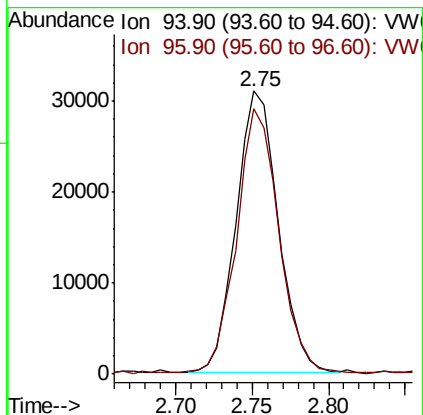
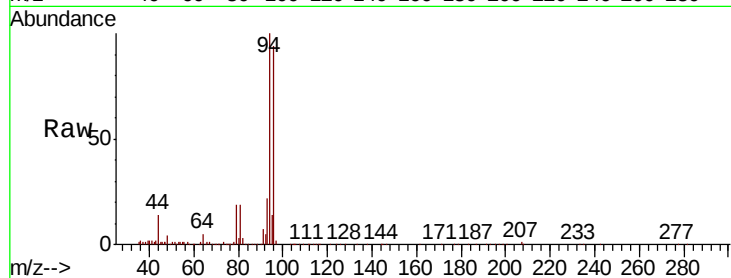
Acq: 22 Feb 2019 14:46

Tgt Ion: 94 Resp: 59098

Ion Ratio Lower Upper

94 100

96 93.5 73.4 110.2



#6

Chloroethane

Concen: 18.430 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW008788.D

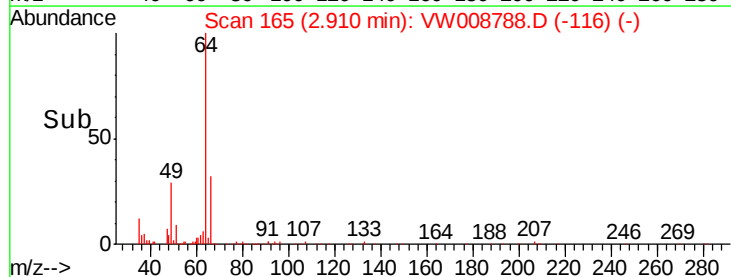
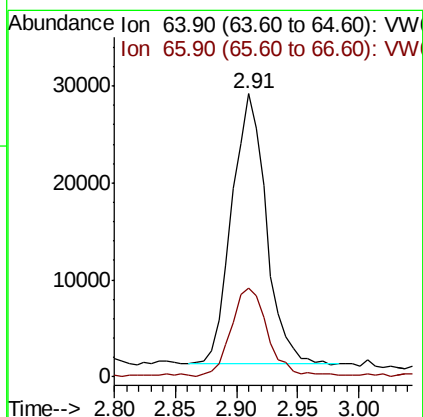
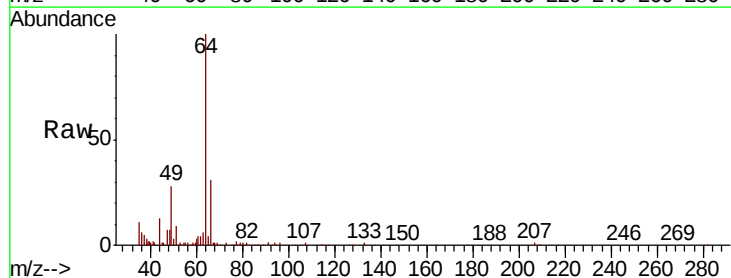
Acq: 22 Feb 2019 14:46

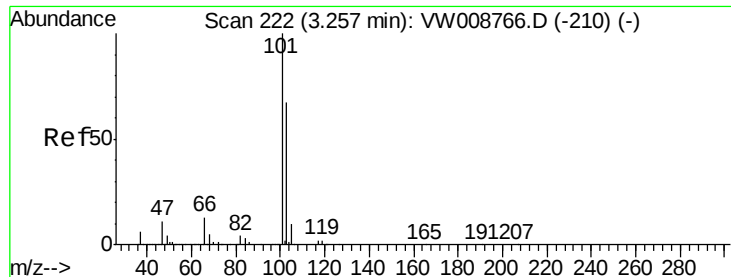
Tgt Ion: 64 Resp: 54222

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3

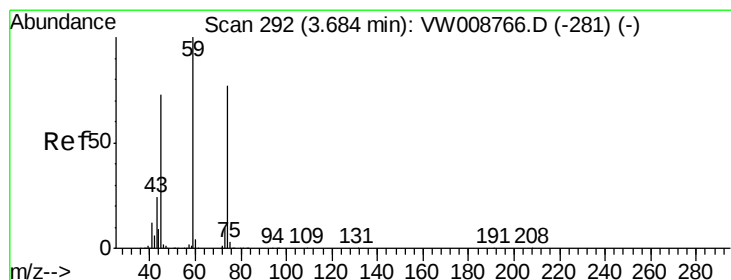
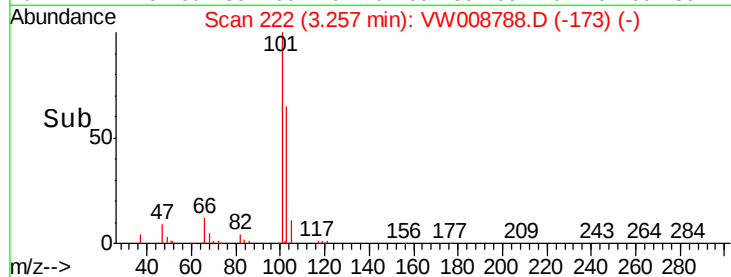
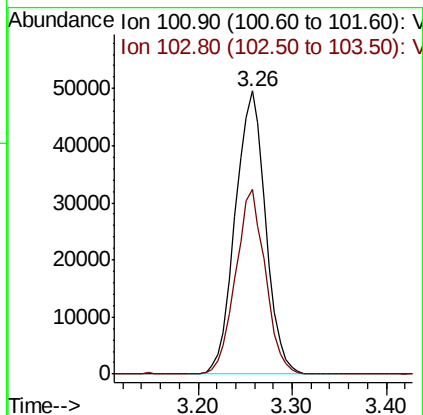
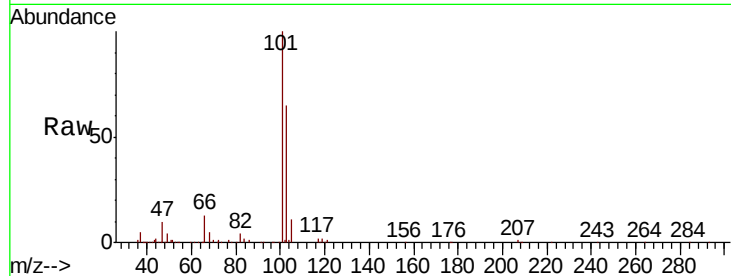




#7

Trichlorofluoromethane
Concen: 21.217 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

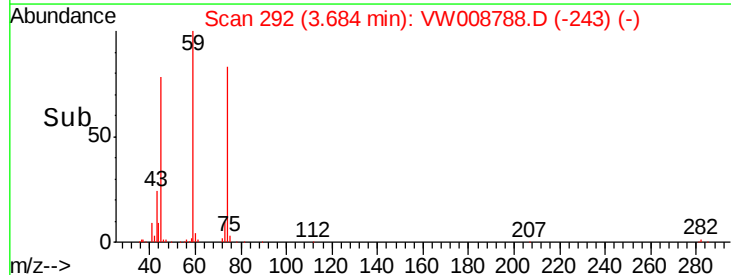
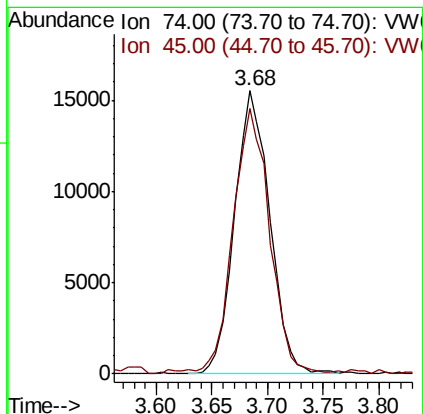
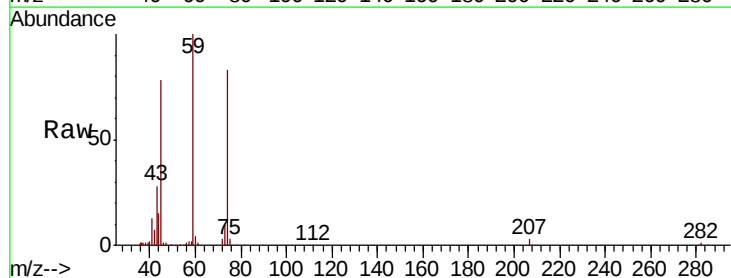
Tgt Ion: 101 Resp: 111180
Ion Ratio Lower Upper
101 100
103 65.3 53.9 80.9



#8

Diethyl Ether
Concen: 20.564 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion: 74 Resp: 34116
Ion Ratio Lower Upper
74 100
45 95.7 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.107 ug/l

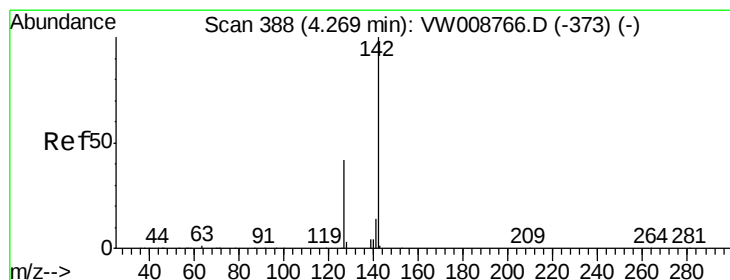
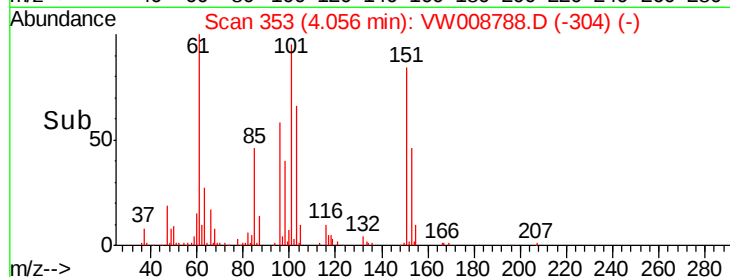
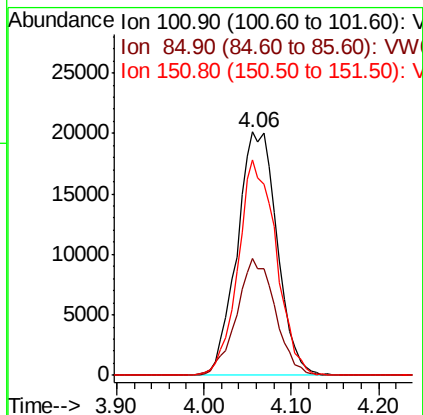
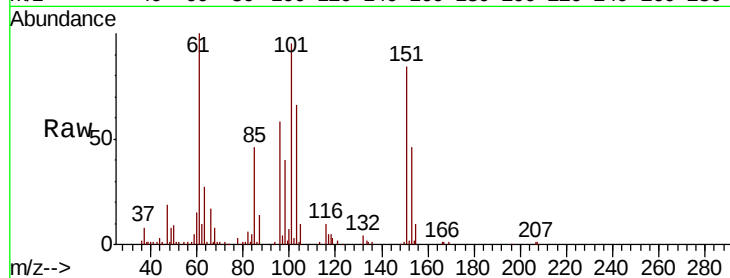
RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion:	101	Resp:	63983
Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.0	54.0
151	84.1	65.5	98.3



#10

Methyl Iodide

Concen: 20.120 ug/l

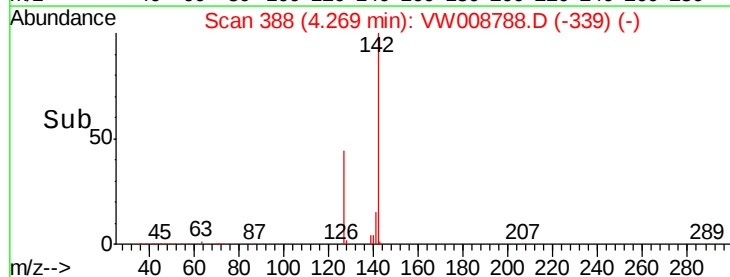
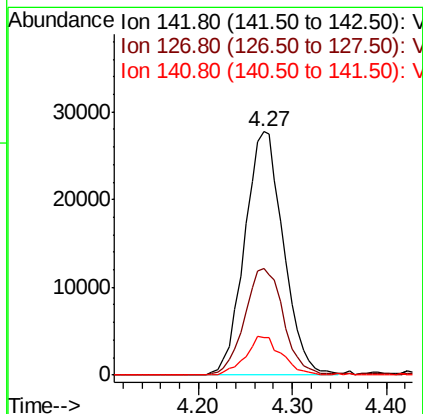
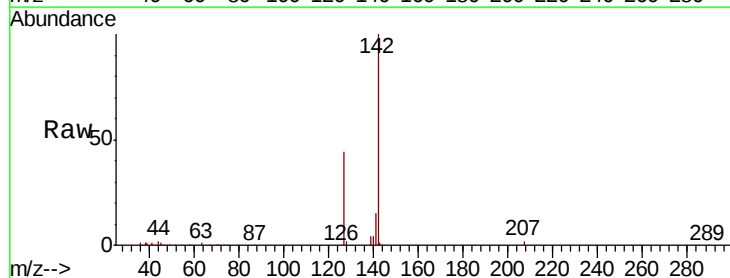
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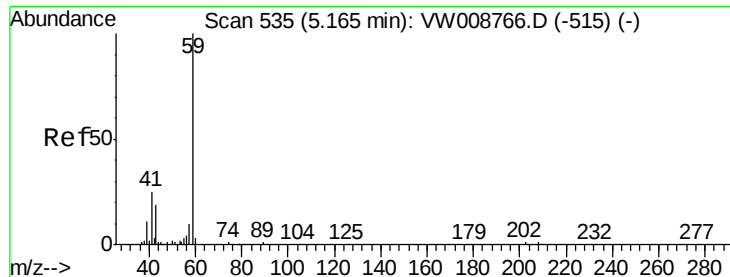
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

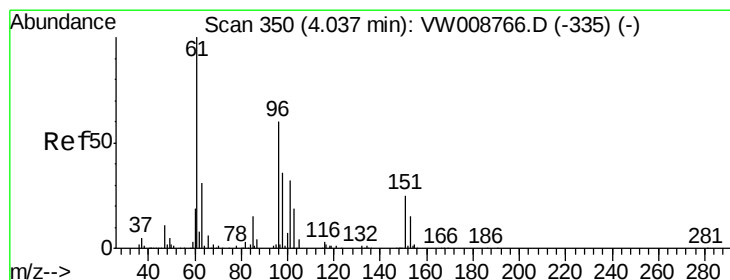
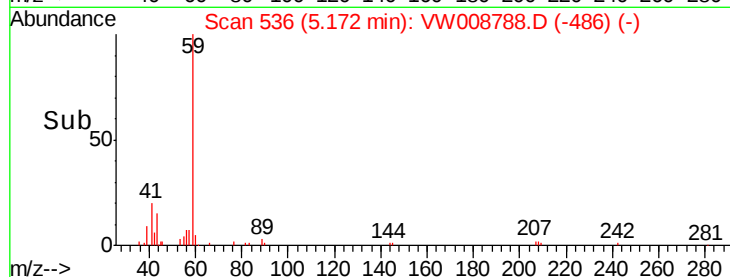
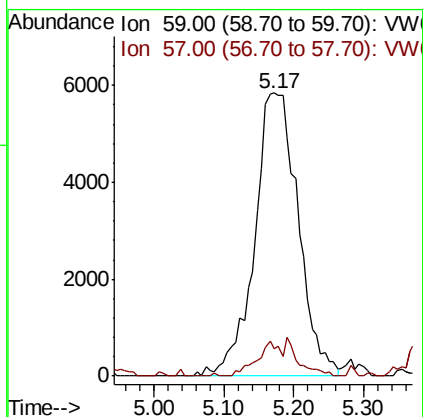
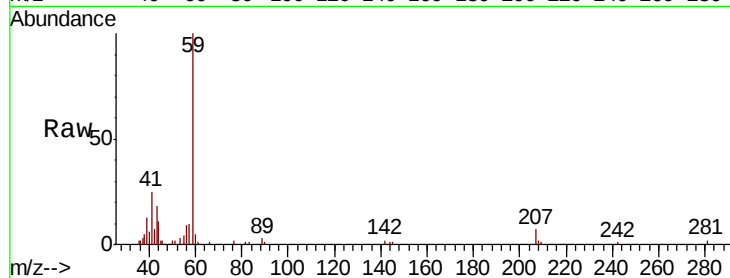
Tgt Ion:	142	Resp:	80063
Ion	Ratio	Lower	Upper
142	100		
127	43.7	35.3	52.9
141	14.8	11.7	17.5





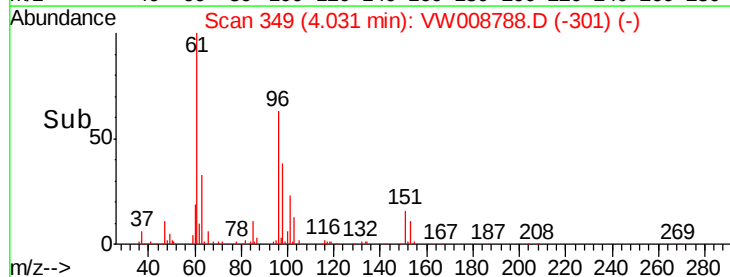
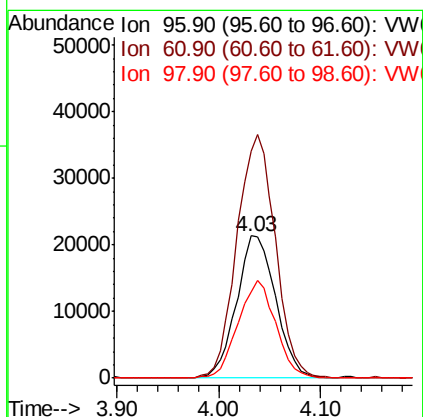
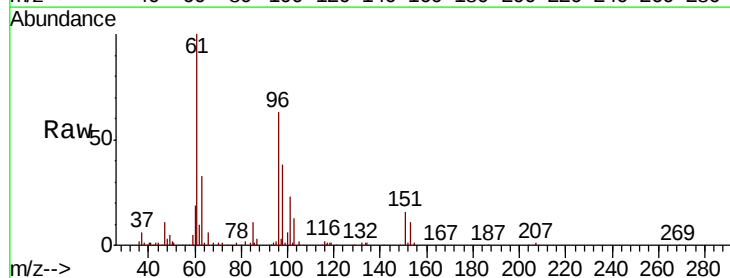
#11
Tert butyl alcohol
Concen: 94.710 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

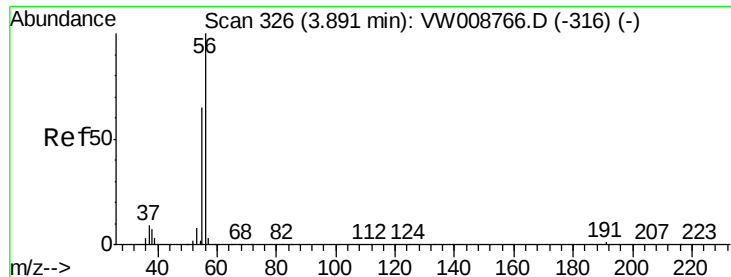
Tgt Ion: 59 Resp: 25383
Ion Ratio Lower Upper
59 100
57 6.5 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 20.313 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion: 96 Resp: 57085
Ion Ratio Lower Upper
96 100
61 159.5 132.5 198.7
98 60.5 48.2 72.4





#13

Acrolein

Concen: 99.936 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW008788.D

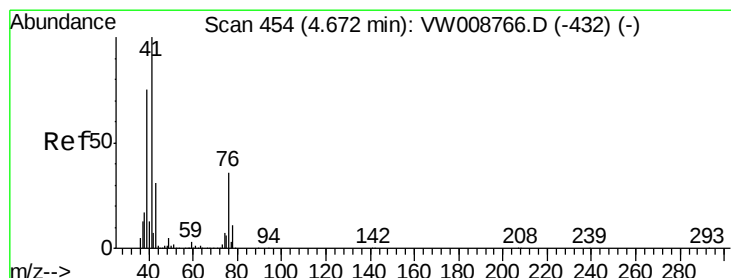
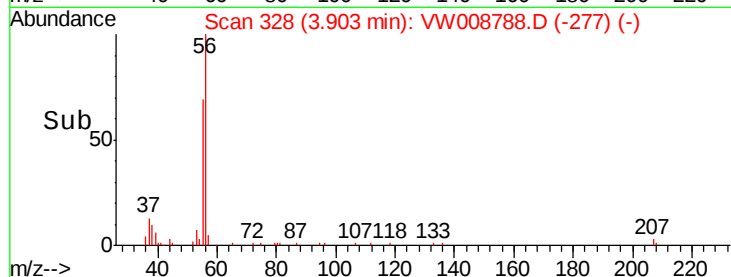
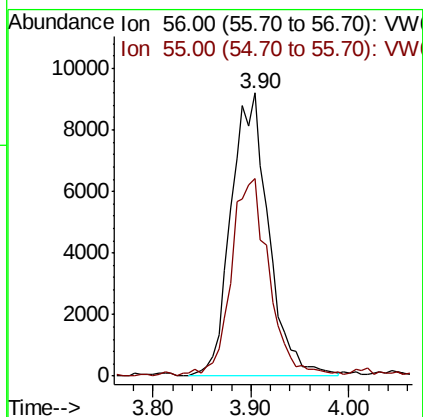
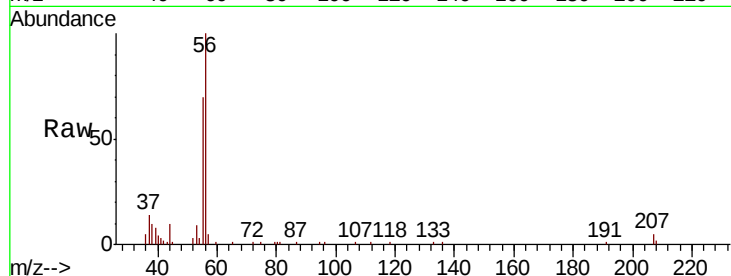
Acq: 22 Feb 2019 14:46

Tgt Ion: 56 Resp: 24606

Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3



#14

Allyl chloride

Concen: 20.117 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

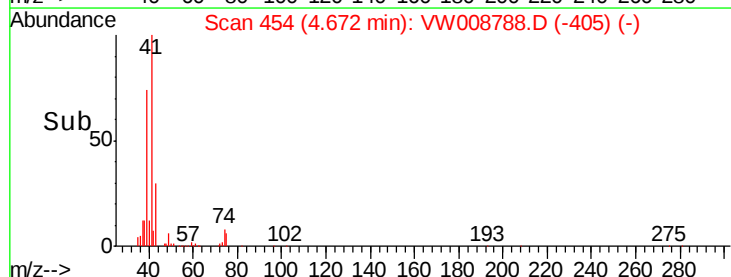
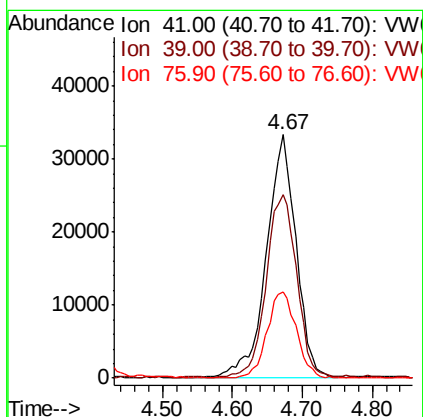
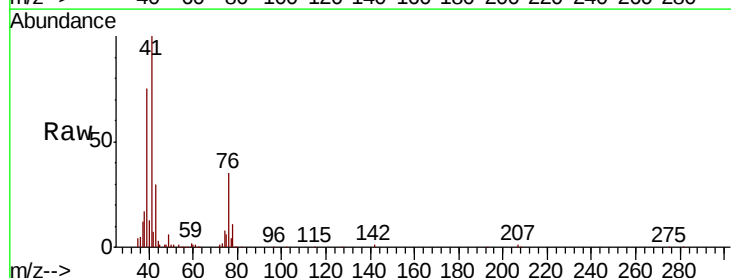
Tgt Ion: 41 Resp: 97573

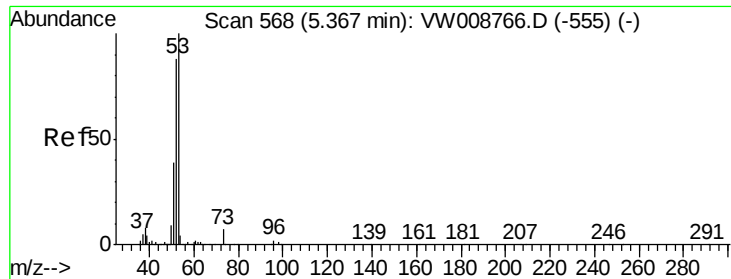
Ion Ratio Lower Upper

41 100

39 78.0 60.6 91.0

76 35.1 28.6 42.8





#15

Acrylonitrile

Concen: 101.596 ug/l

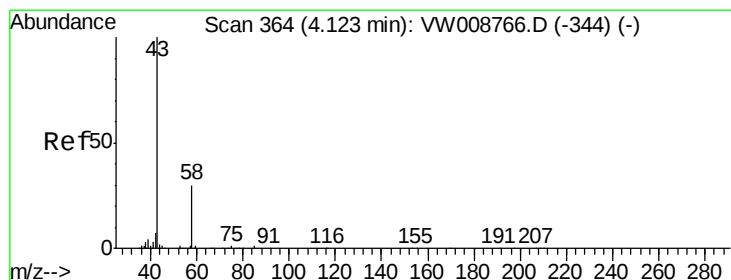
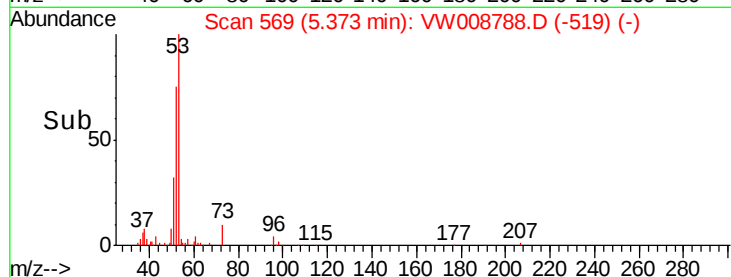
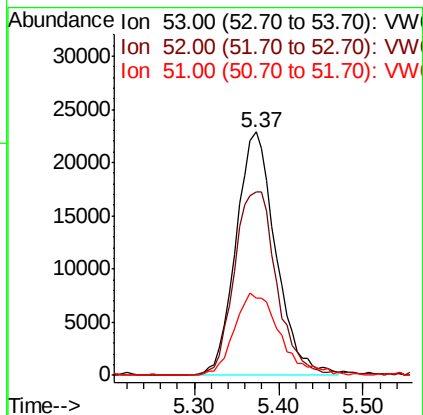
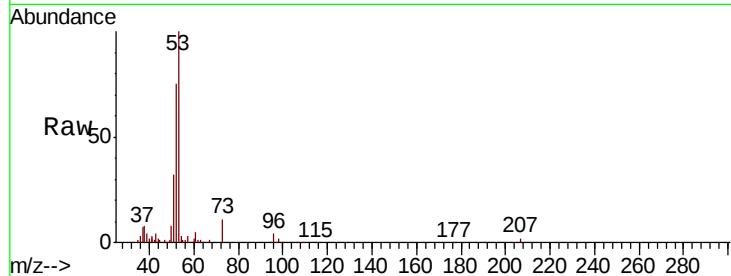
RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion:	53	Resp:	72335
Ion	Ratio	Lower	Upper
53	100		
52	81.0	67.2	100.8
51	39.3	31.1	46.7



#16

Acetone

Concen: 97.545 ug/l

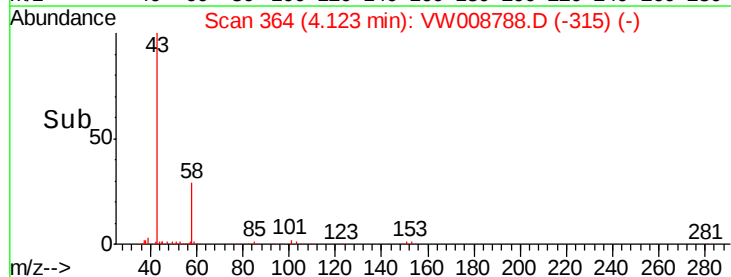
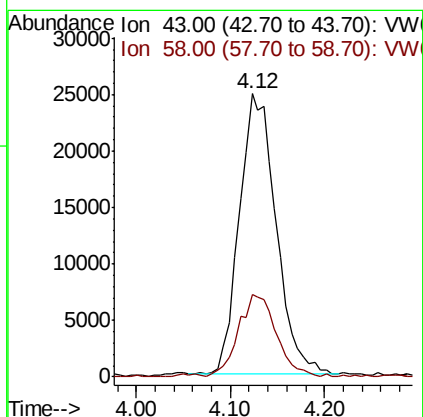
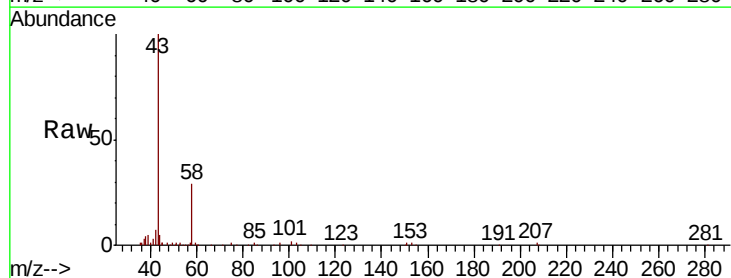
RT: 4.12 min Scan# 364

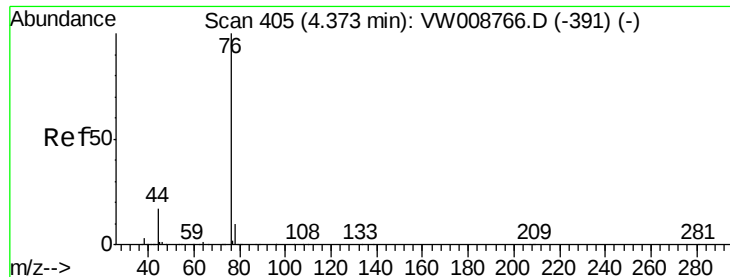
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion:	43	Resp:	68066
Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.8	35.6





#17

Carbon Disulfide

Concen: 19.199 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008788.D

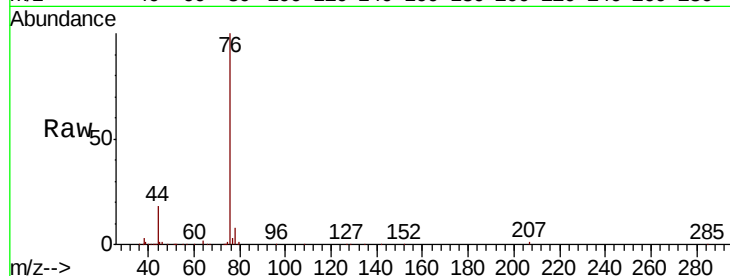
Acq: 22 Feb 2019 14:46

Tgt Ion: 76 Resp: 179014

Ion Ratio Lower Upper

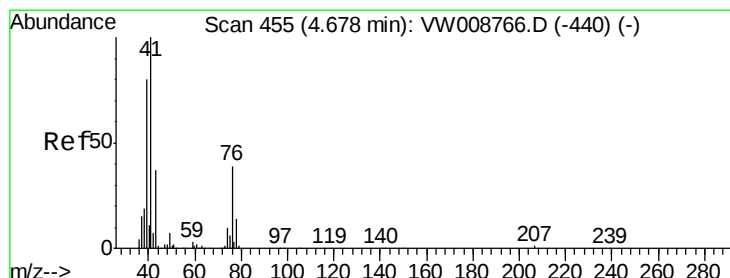
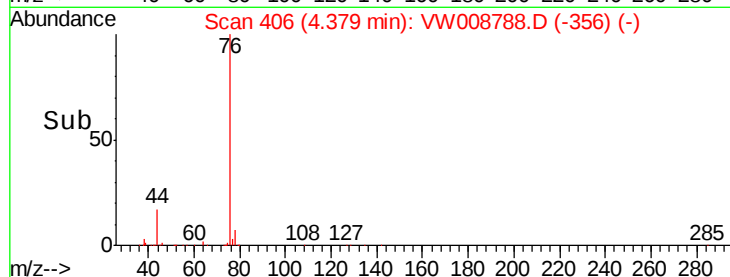
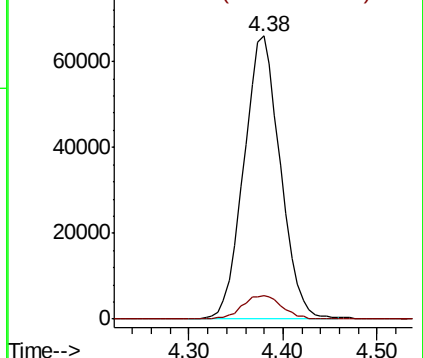
76 100

78 8.4 7.8 11.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 18.889 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW008788.D

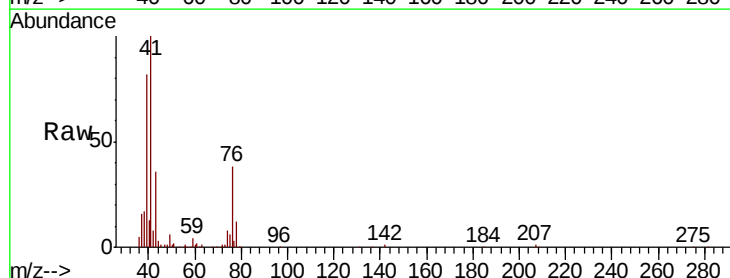
Acq: 22 Feb 2019 14:46

Tgt Ion: 43 Resp: 31263

Ion Ratio Lower Upper

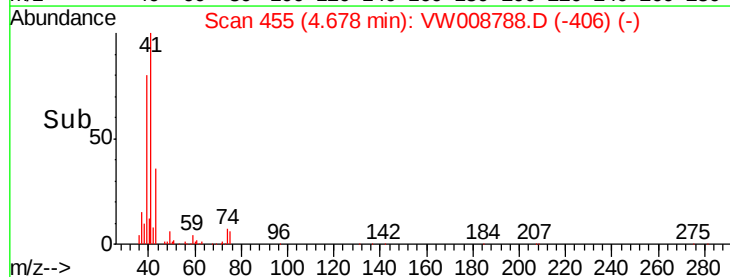
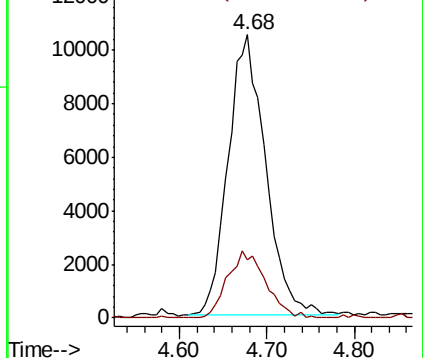
43 100

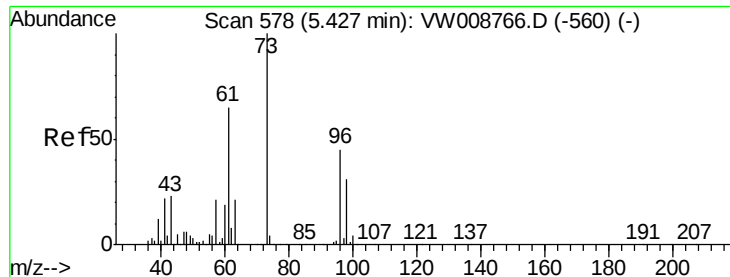
74 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

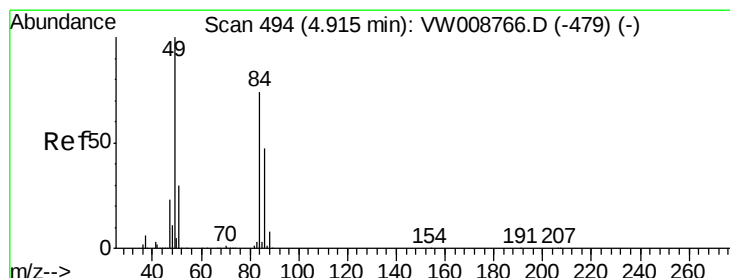
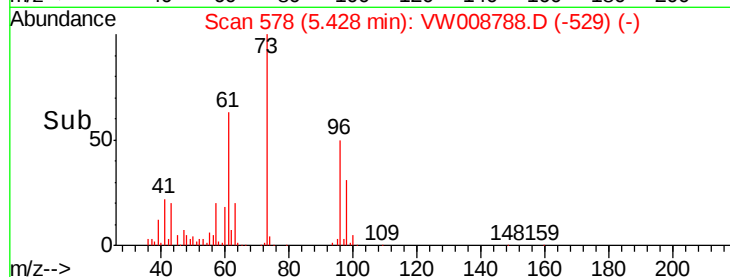
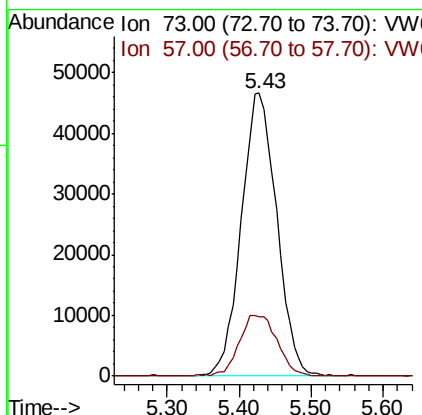
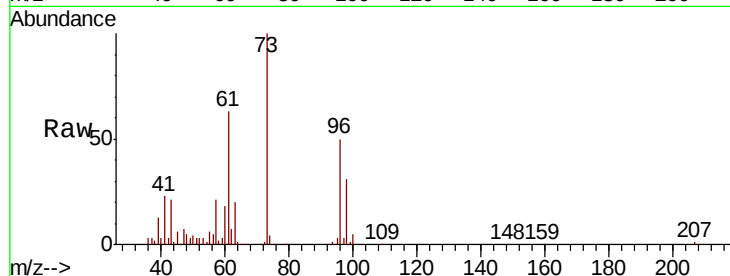




#19

Methyl tert-butyl Ether
 Concen: 20.907 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

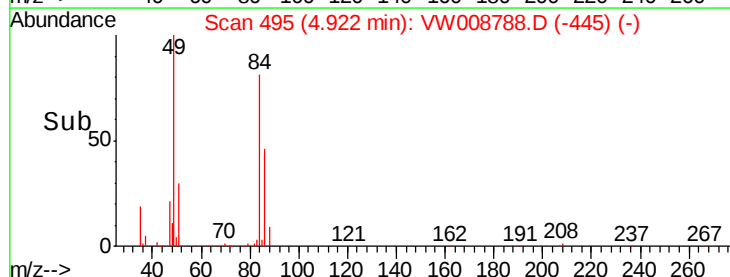
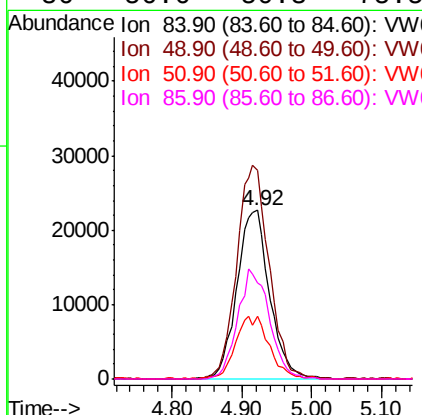
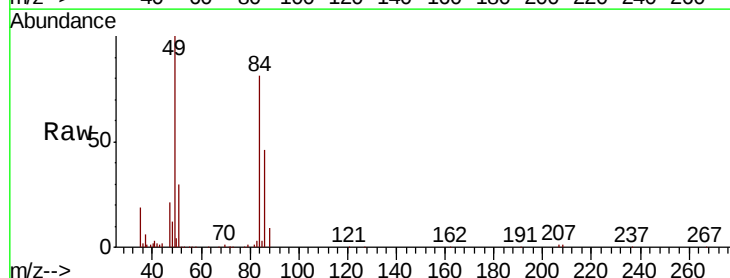
Tgt Ion: 73 Resp: 159031
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.8 25.2

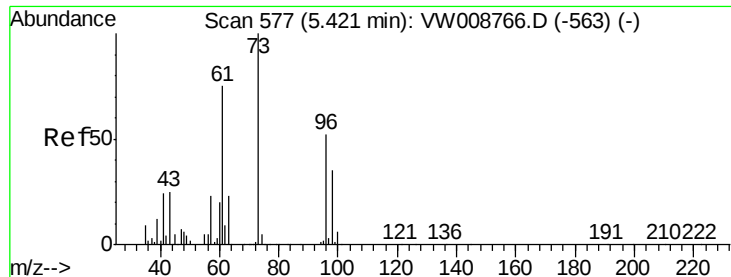


#20

Methylene Chloride
 Concen: 18.147 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

Tgt Ion: 84 Resp: 73567
 Ion Ratio Lower Upper
 84 100
 49 123.7 108.2 162.2
 51 37.2 32.7 49.1
 86 56.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 21.216 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

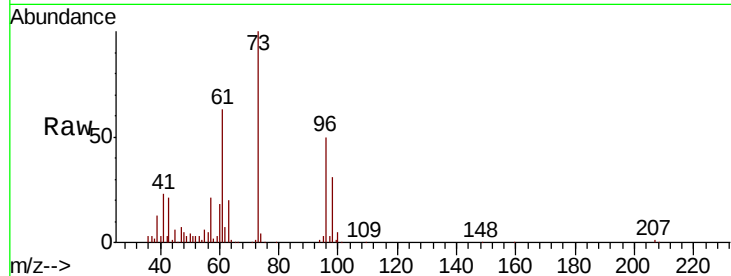
Tgt Ion: 96 Resp: 68969

Ion Ratio Lower Upper

96 100

61 127.9 114.6 171.8

98 62.2 54.0 81.0

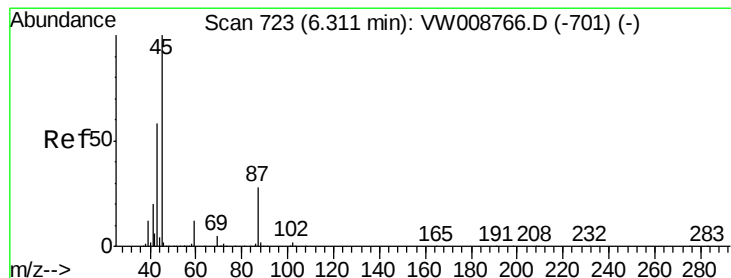
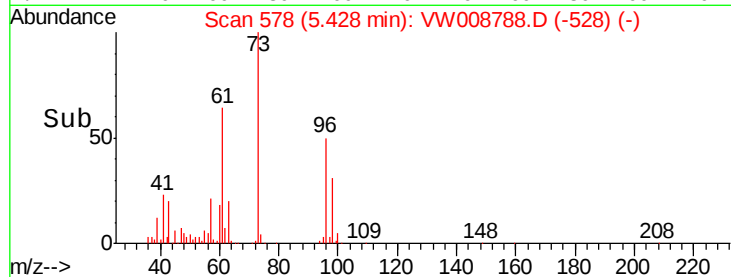
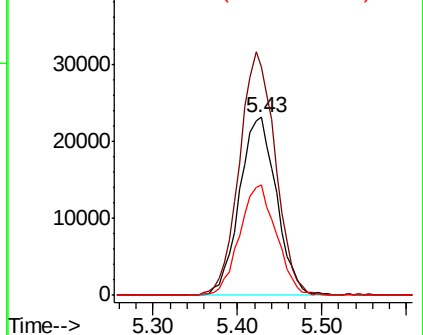


Abundance

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



#22

Diisopropyl ether

Concen: 20.741 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion: 45 Resp: 200682

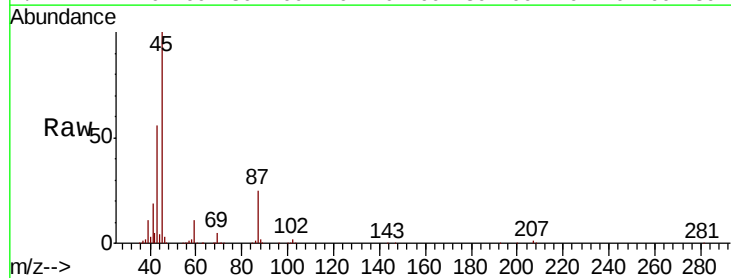
Ion Ratio Lower Upper

45 100

43 55.9 46.1 69.1

87 25.0 22.2 33.4

59 11.2 10.0 15.0



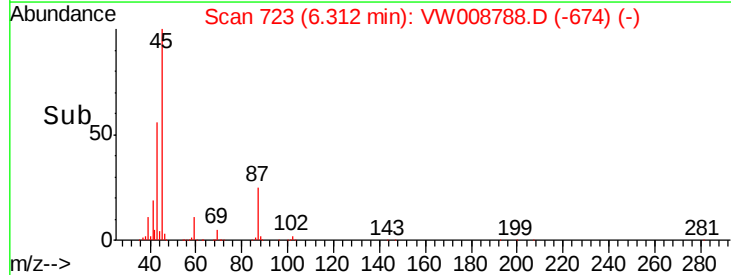
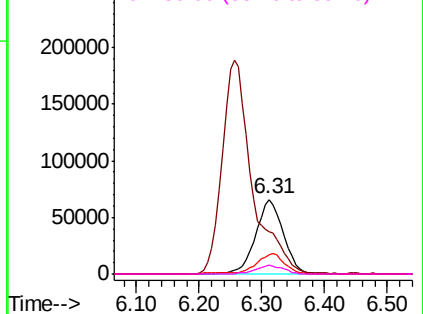
Abundance

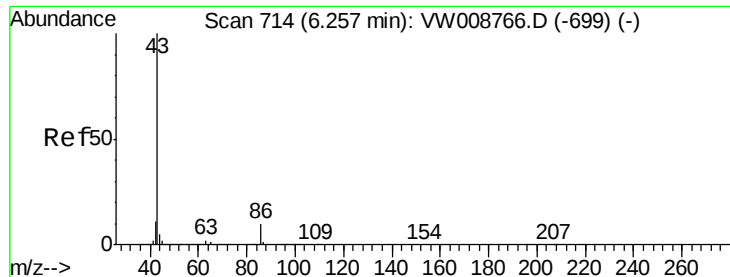
Ion 45.00 (44.70 to 45.70): VW

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: 104.631 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008788.D

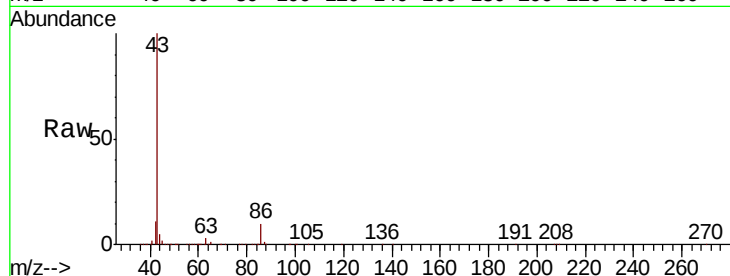
Acq: 22 Feb 2019 14:46

Tgt Ion: 43 Resp: 625494

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

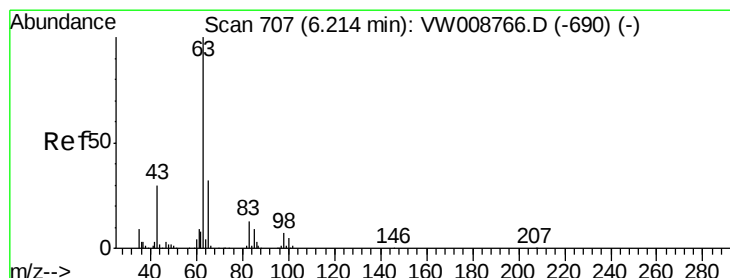
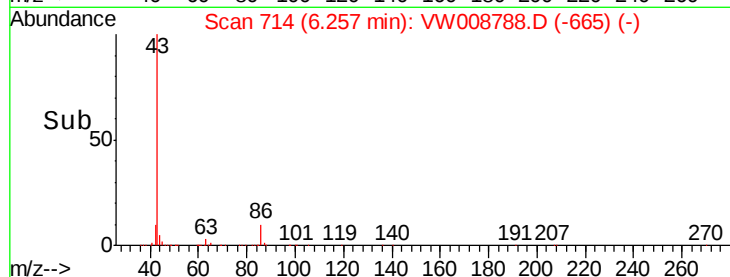
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.403 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

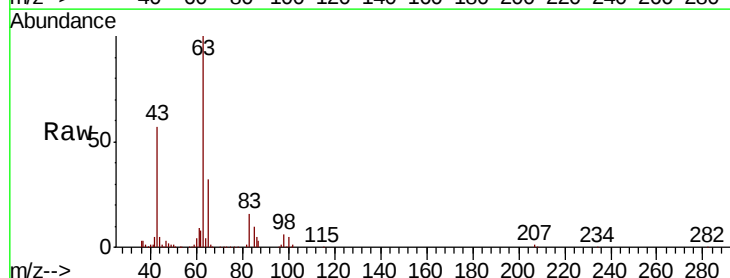
Tgt Ion: 63 Resp: 114393

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.6

100 5.2 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

50000

40000

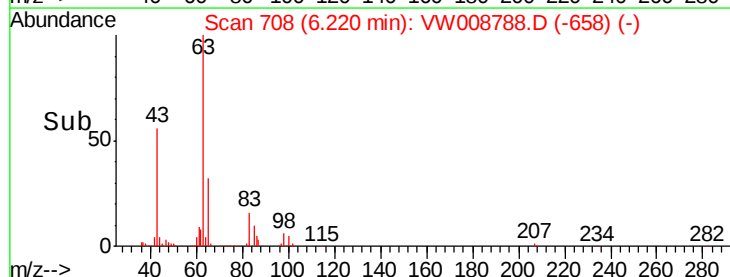
30000

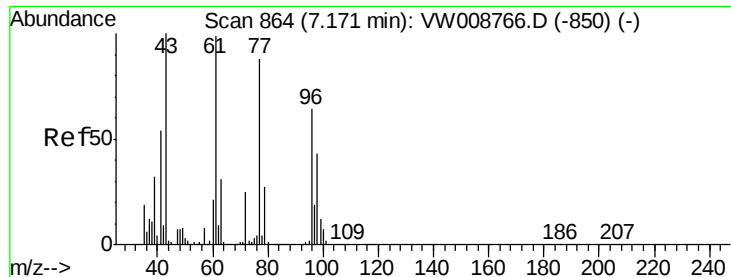
20000

10000

0

Time-->





#25

2-Butanone

Concen: 102.319 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008788.D

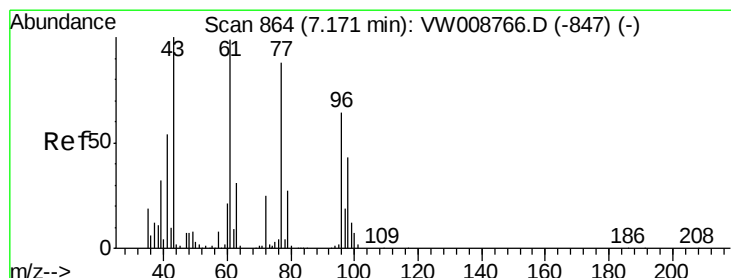
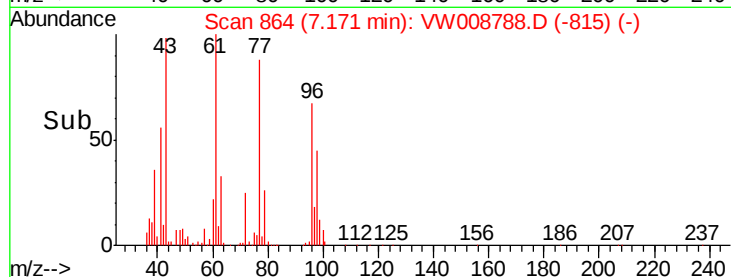
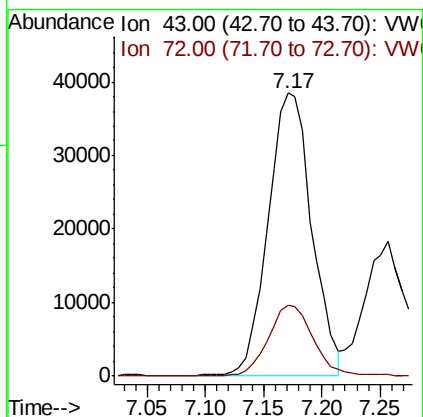
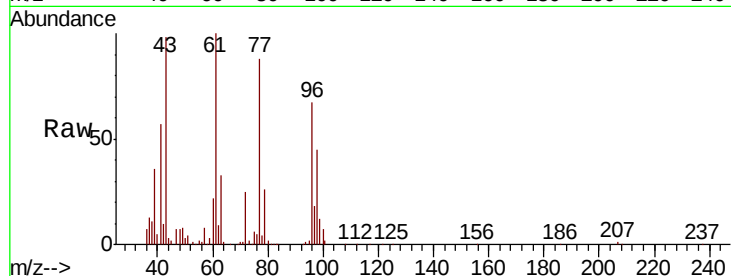
Acq: 22 Feb 2019 14:46

Tgt Ion: 43 Resp: 99818

Ion Ratio Lower Upper

43 100

72 25.3 19.7 29.5



#26

2,2-Dichloropropane

Concen: 20.408 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008788.D

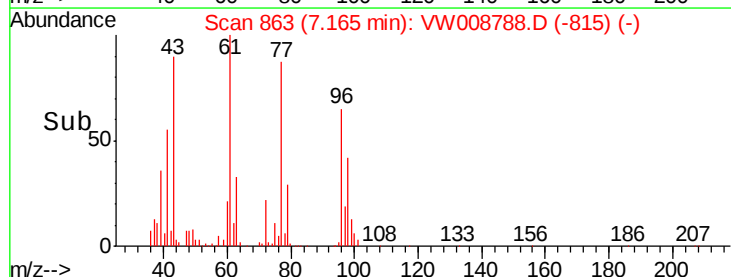
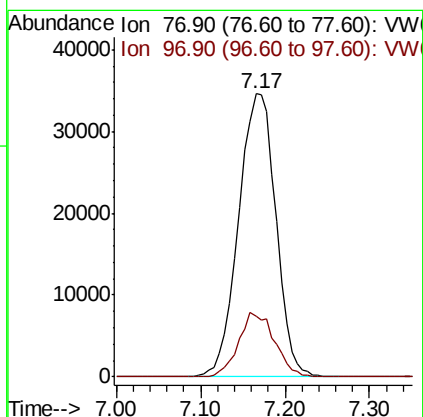
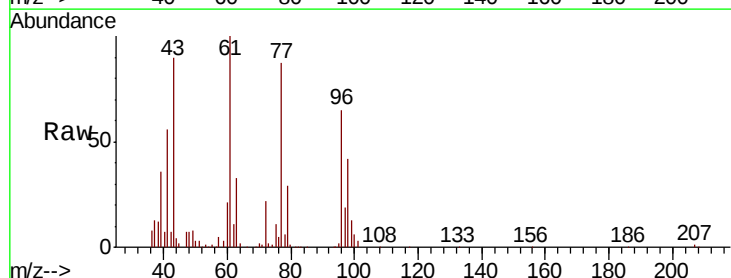
Acq: 22 Feb 2019 14:46

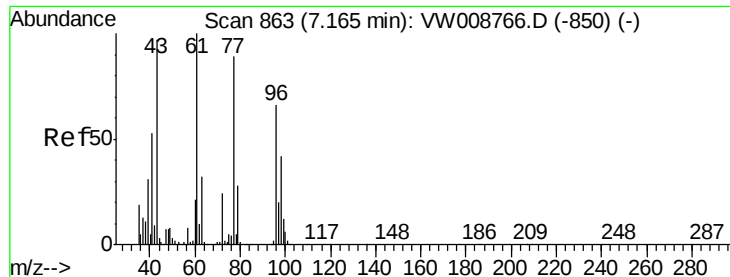
Tgt Ion: 77 Resp: 103884

Ion Ratio Lower Upper

77 100

97 22.0 11.0 33.0

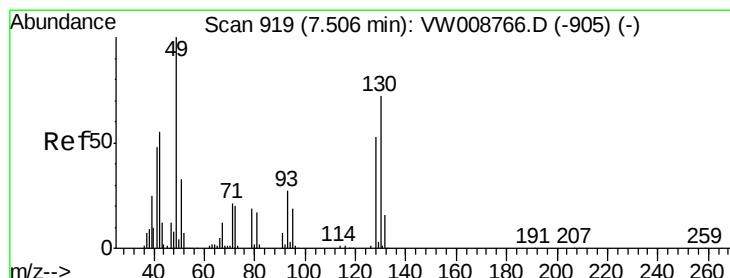
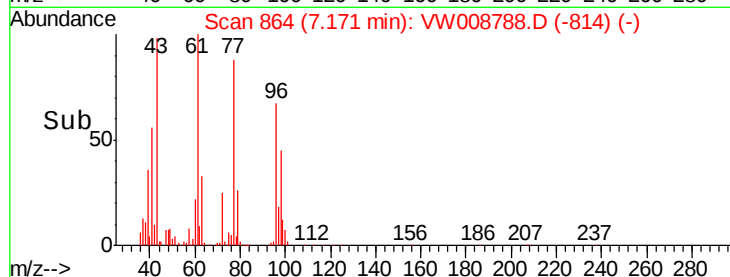
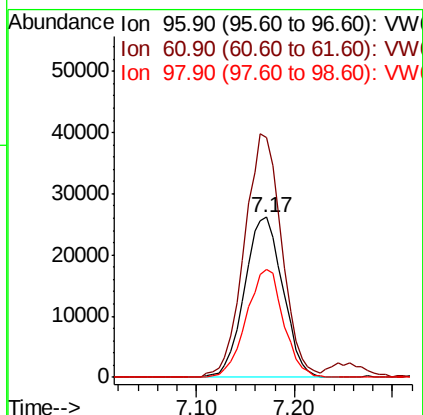
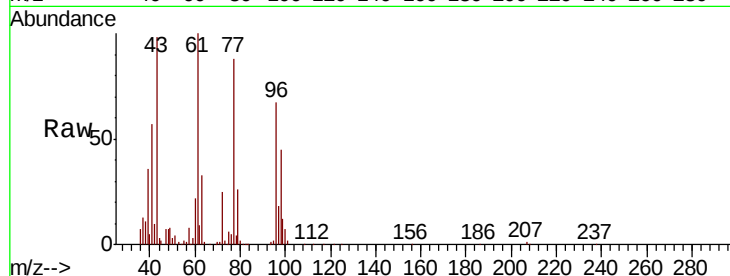




#27

cis-1,2-Dichloroethene
Concen: 20.455 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

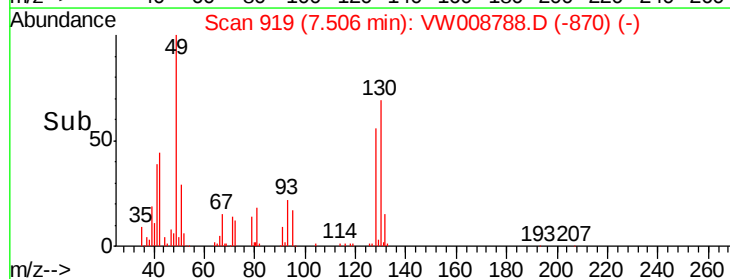
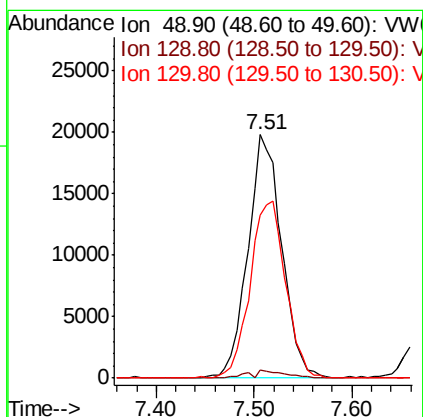
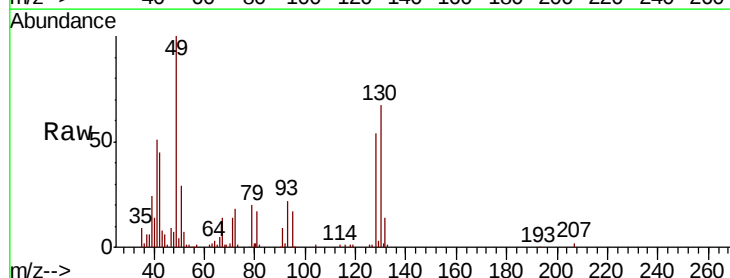
Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	302.6
98	65.2	0.0	130.0

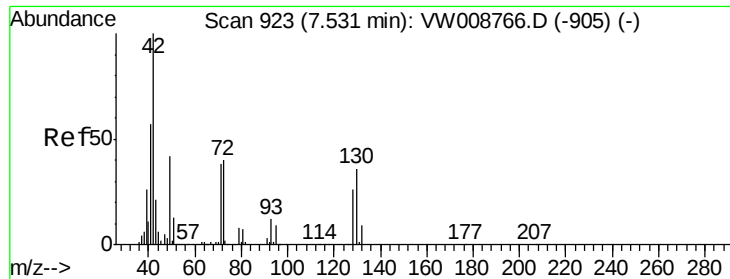


#28

Bromochloromethane
Concen: 20.267 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.6
130	76.2	61.3	91.9





#29

Tetrahydrofuran

Concen: 101.461 ug/l

RT: 7.53 min Scan# 923

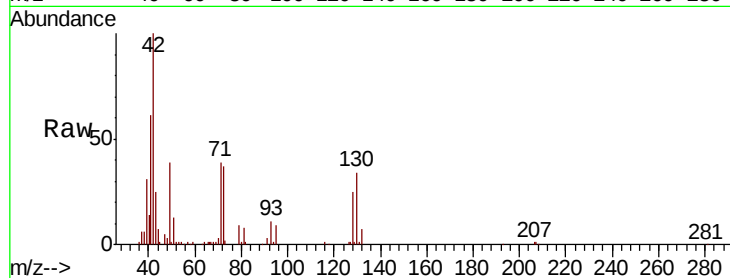
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion: 42 Resp: 63078

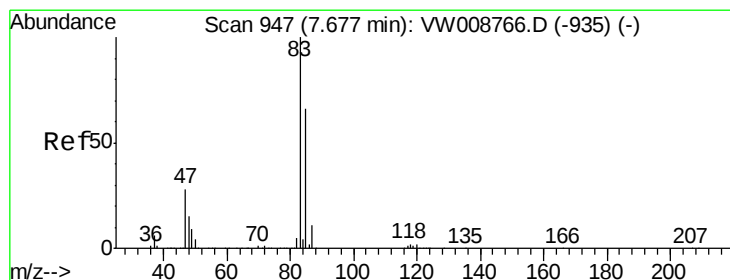
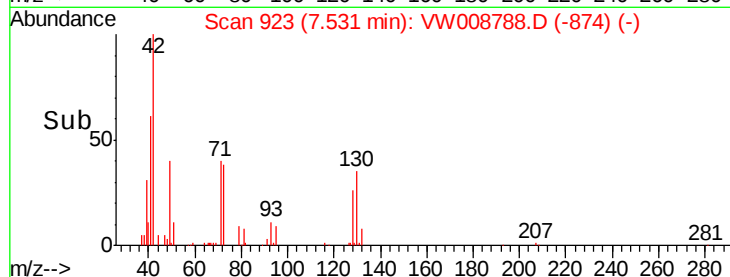
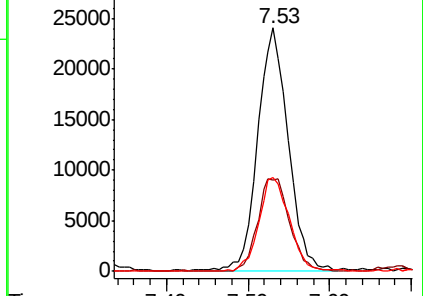
Ion	Ratio	Lower	Upper
42	100		
72	39.7	32.7	49.1
71	38.4	31.3	46.9



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: 20.578 ug/l

RT: 7.68 min Scan# 947

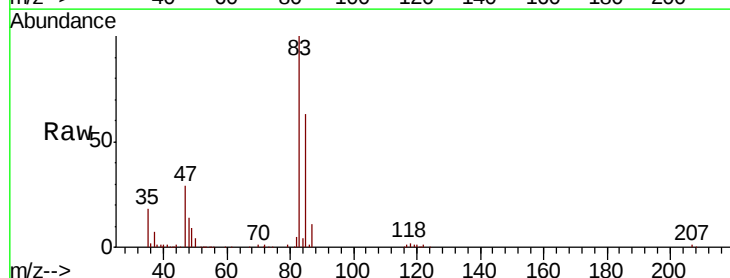
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

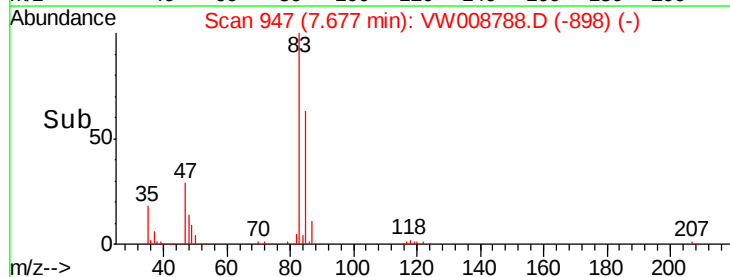
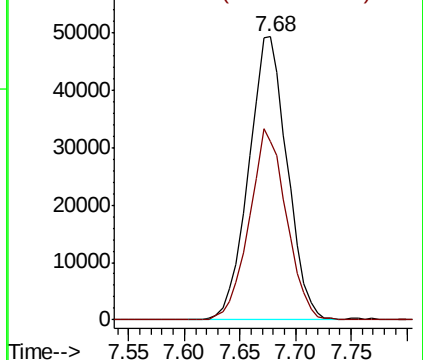
Tgt Ion: 83 Resp: 118361

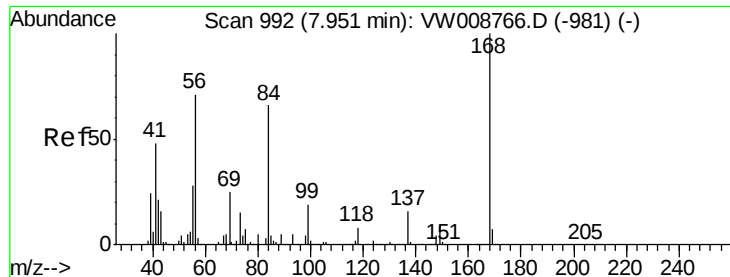
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.6	79.0



Abundance Ion 82.90 (82.60 to 83.60): VW

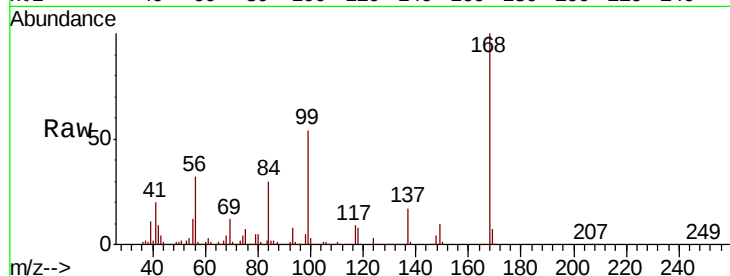
Ion 84.90 (84.60 to 85.60): VW



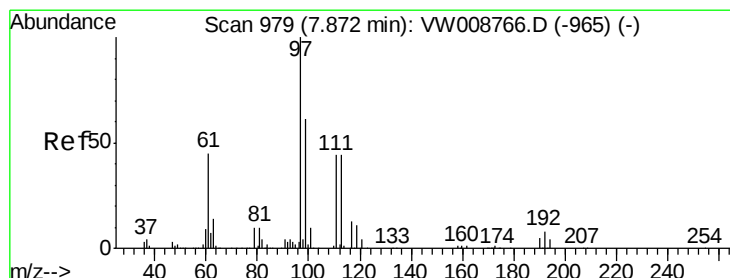
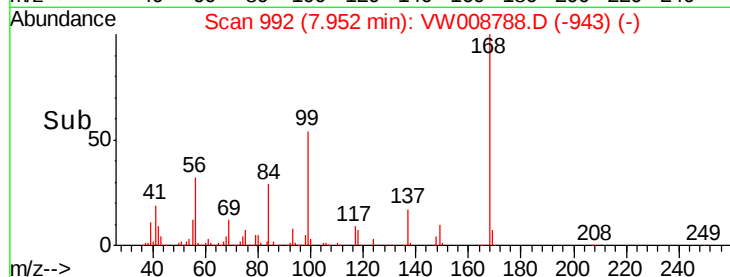
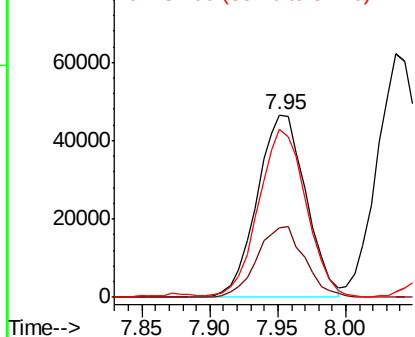


#31
Cyclohexane
Concen: 20.538 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion: 56 Resp: 116560
Ion Ratio Lower Upper
56 100
69 38.1 28.2 42.4
84 90.8 74.1 111.1

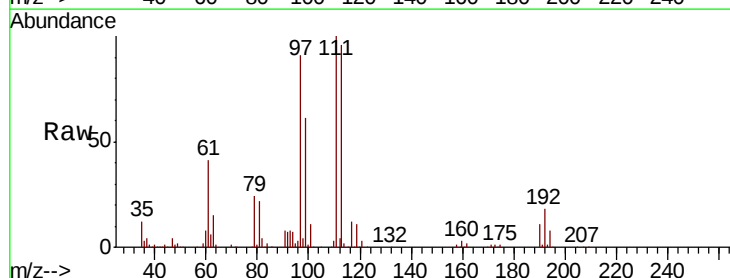


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

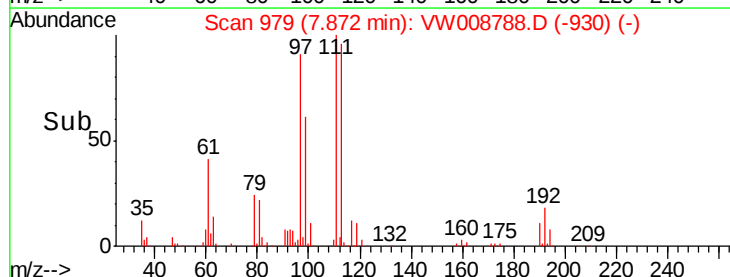
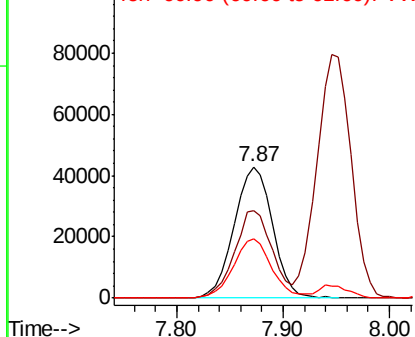


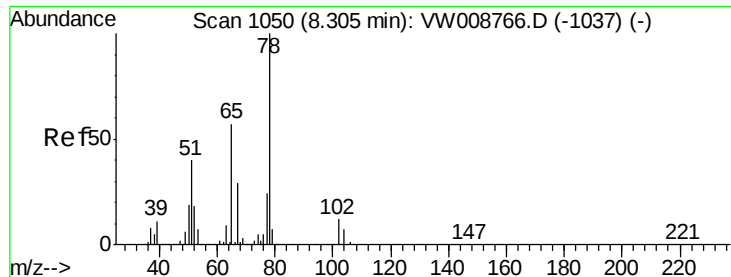
#32
1,1,1-Trichloroethane
Concen: 20.725 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion: 97 Resp: 108406
Ion Ratio Lower Upper
97 100
99 65.7 50.8 76.2
61 44.6 36.0 54.0



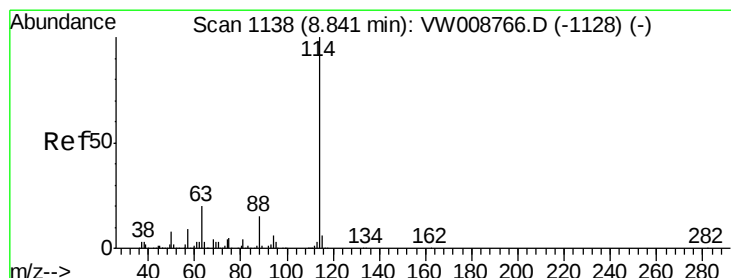
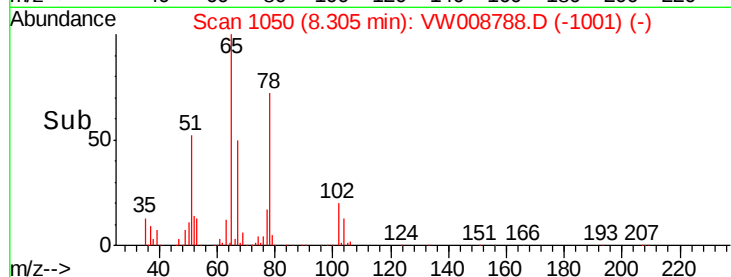
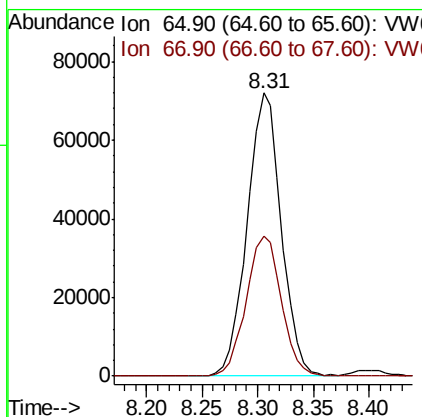
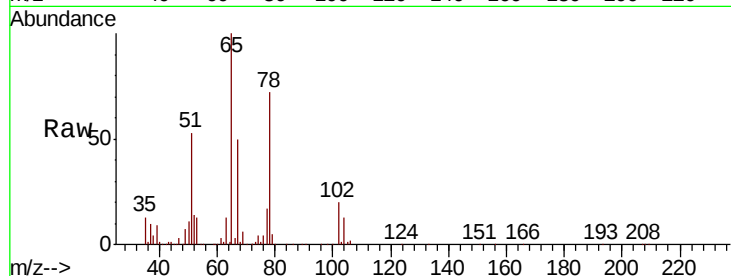
Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





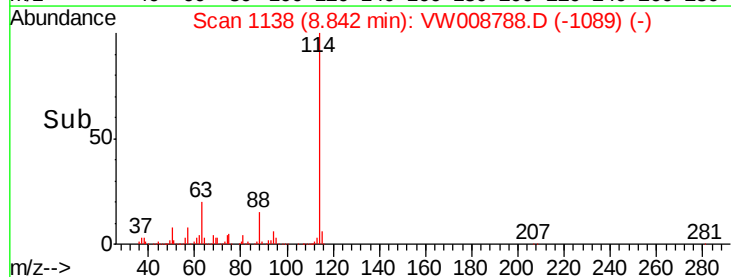
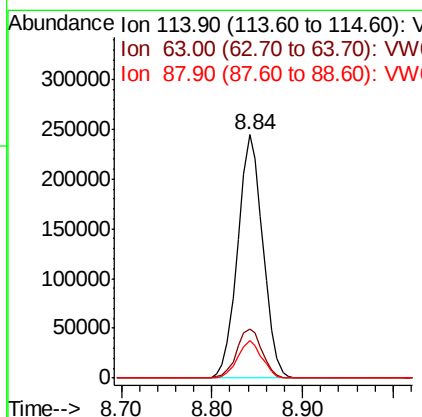
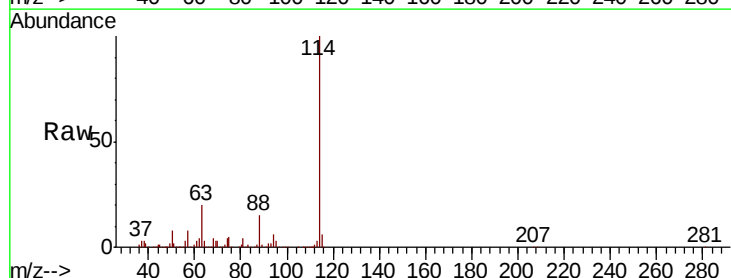
#33
 1,2-Dichloroethane-d4
 Concen: 50.956 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

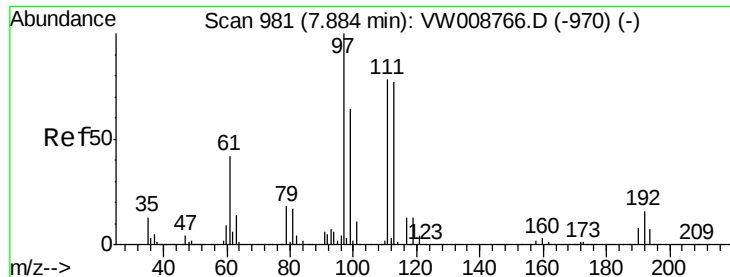
Tgt Ion: 65 Resp: 153400
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

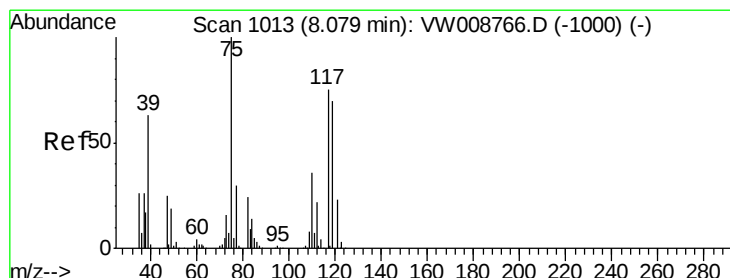
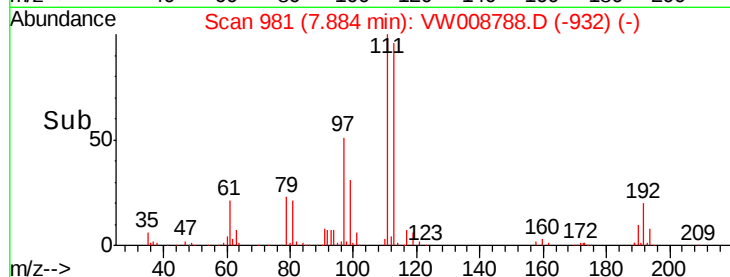
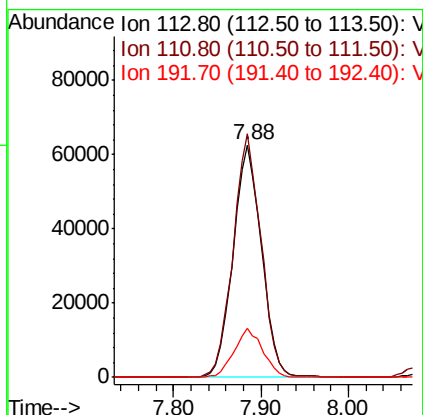
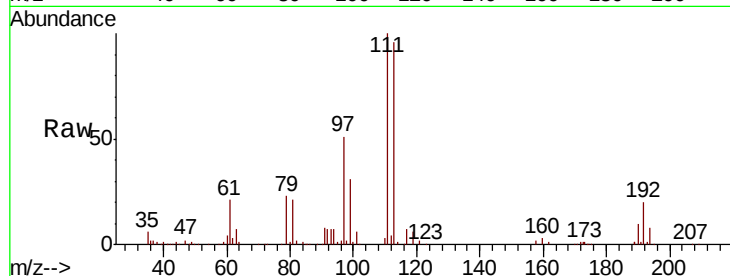
Tgt Ion: 114 Resp: 468652
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 15.2 0.0 30.4





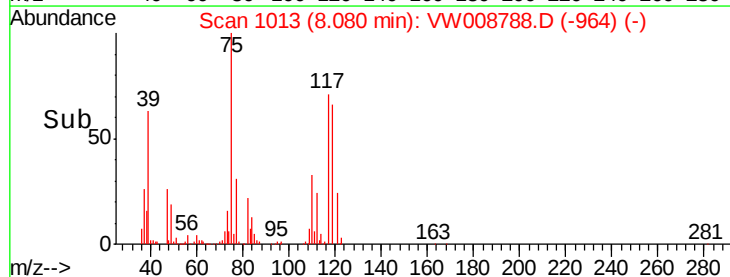
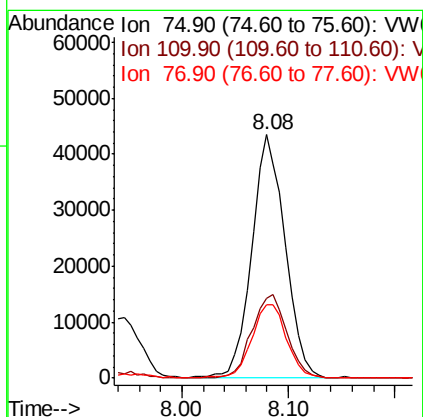
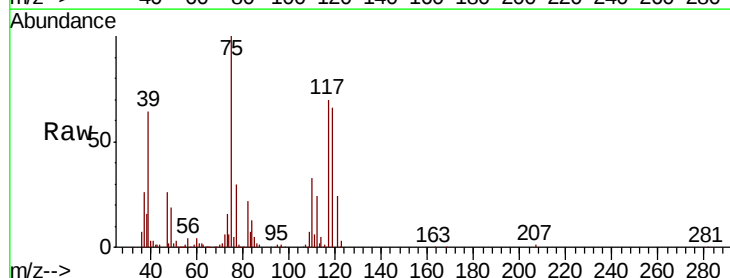
#35
 Dibromofluoromethane
 Concen: 50.227 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

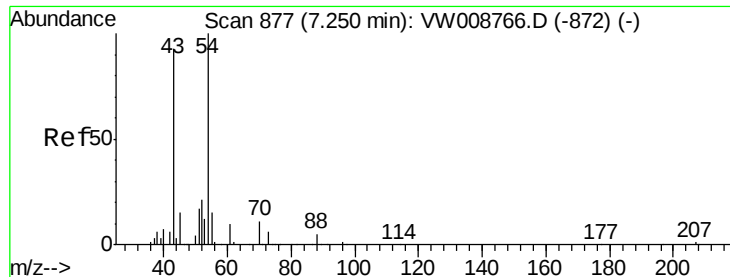
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	21.2	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 20.807 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

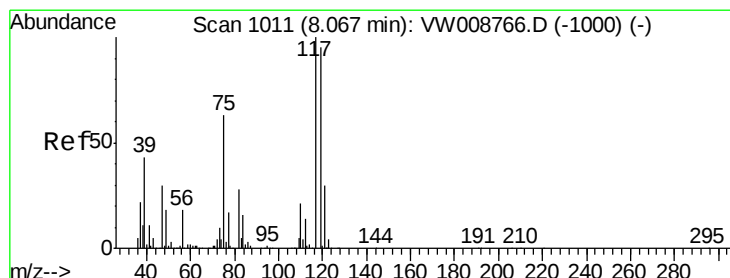
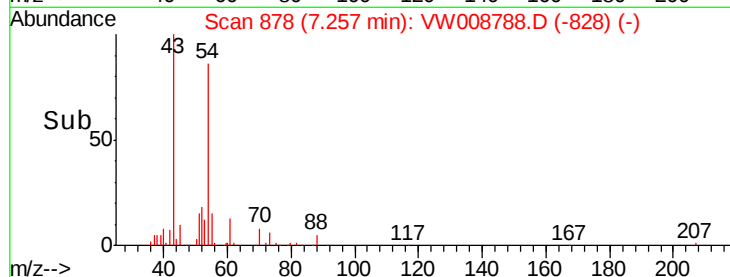
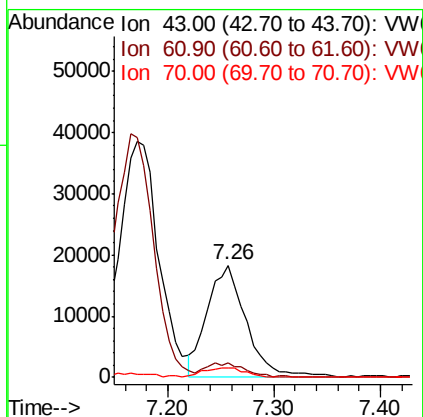
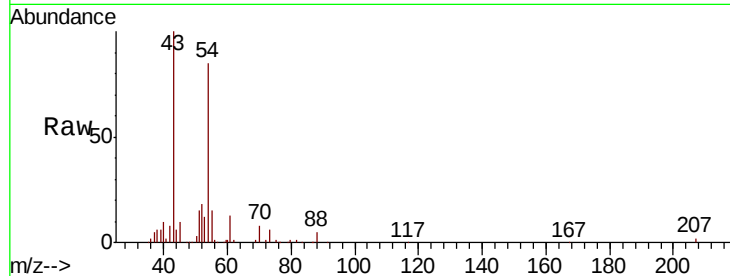
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.5	52.6
77	32.1	24.5	36.7





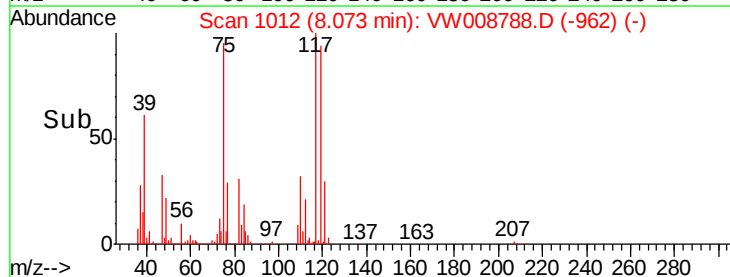
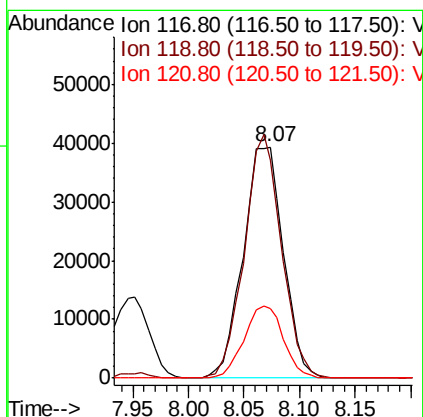
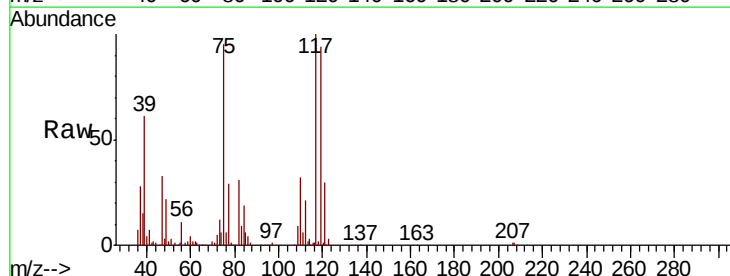
#37
Ethyl Acetate
Concen: 21.960 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

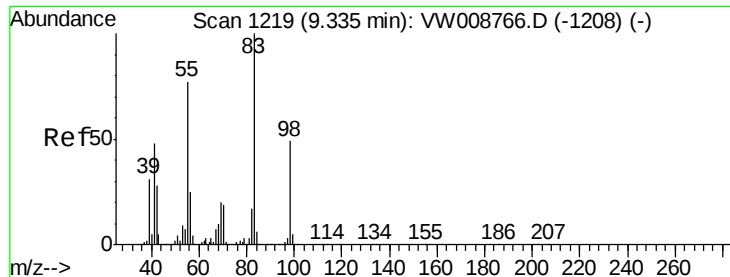
Tgt Ion: 43 Resp: 46586
Ion Ratio Lower Upper
43 100
61 13.2 9.8 14.8
70 9.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.530 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion: 117 Resp: 98774
Ion Ratio Lower Upper
117 100
119 94.7 76.1 114.1
121 30.4 24.0 36.0





#39

Methylcyclohexane

Concen: 19.816 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

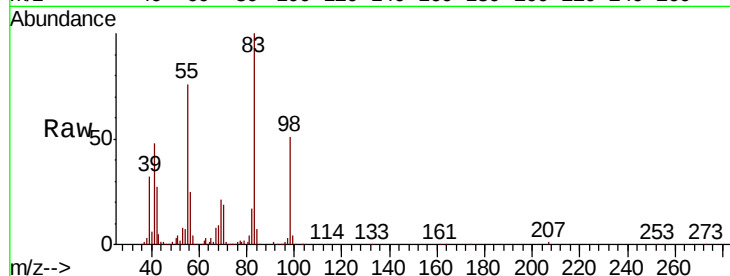
Tgt Ion: 83 Resp: 112761

Ion Ratio Lower Upper

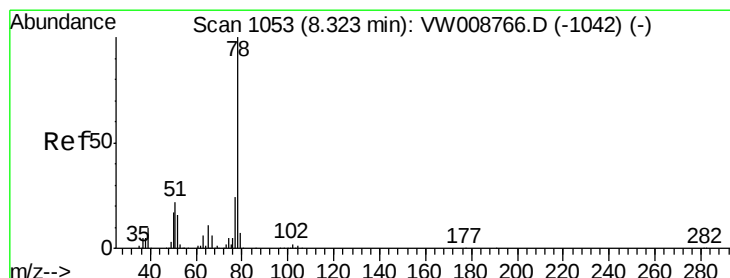
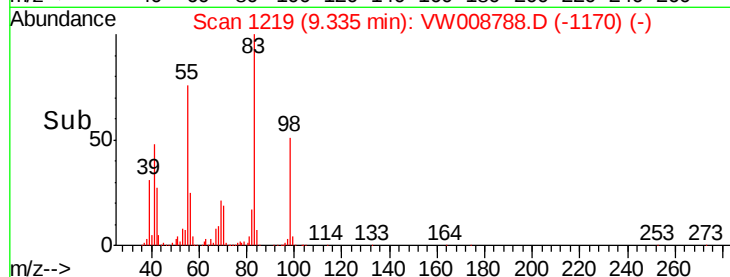
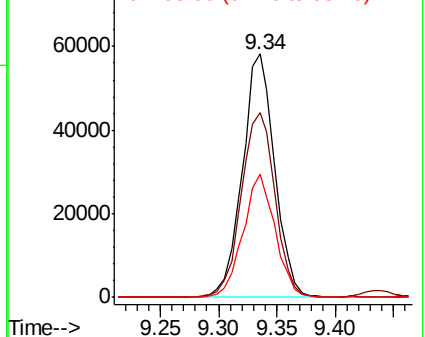
83 100

55 75.6 61.2 91.8

98 50.8 39.4 59.2



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: 20.773 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW008788.D

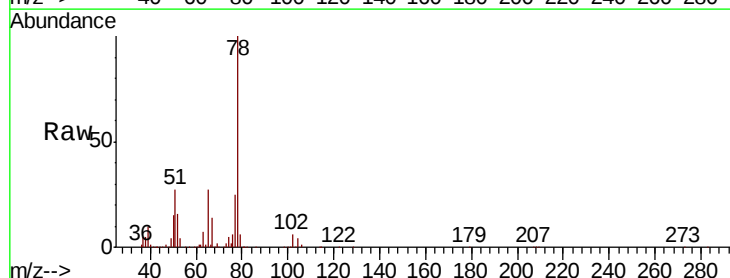
Acq: 22 Feb 2019 14:46

Tgt Ion: 78 Resp: 258746

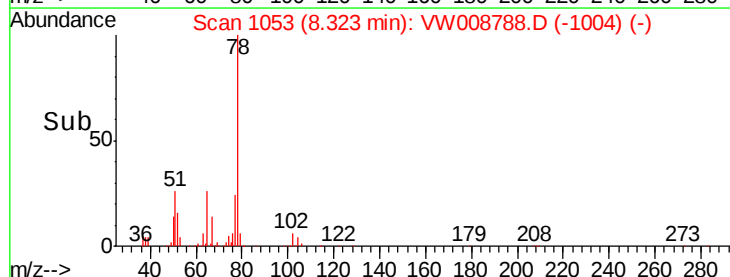
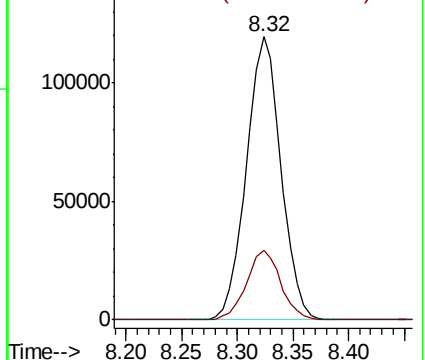
Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 19.561 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion: 41 Resp: 24392

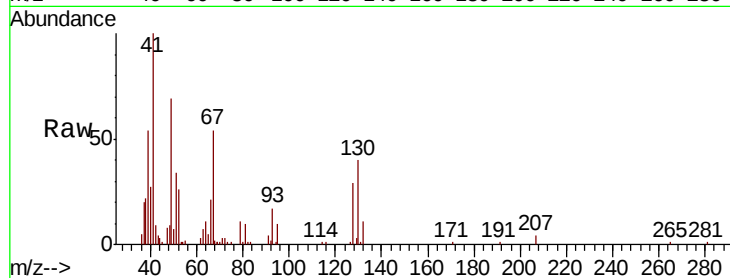
Ion Ratio Lower Upper

41 100

39 61.6 52.5 78.7

67 68.1 55.0 82.6

52 34.3 26.9 40.3

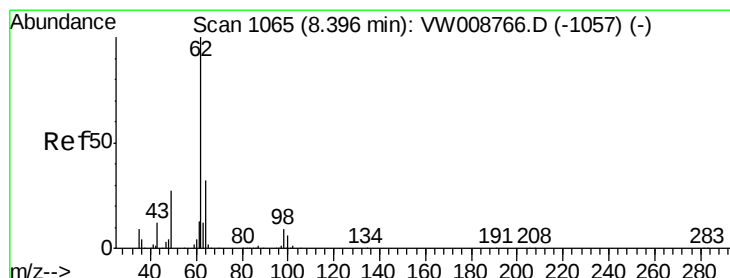
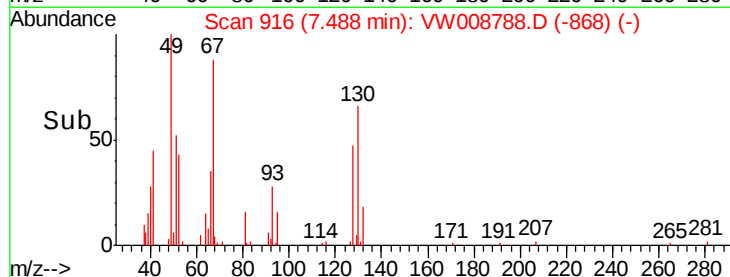
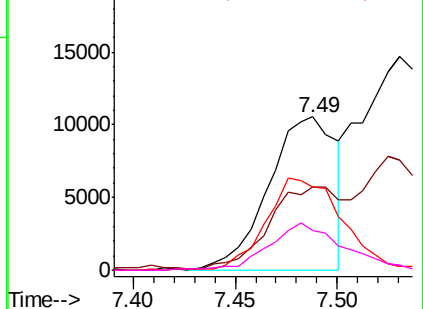


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.531 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW008788.D

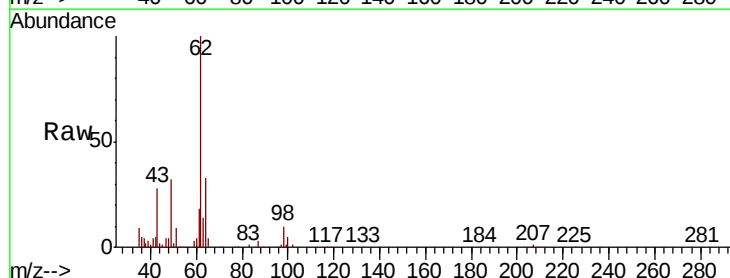
Acq: 22 Feb 2019 14:46

Tgt Ion: 62 Resp: 81008

Ion Ratio Lower Upper

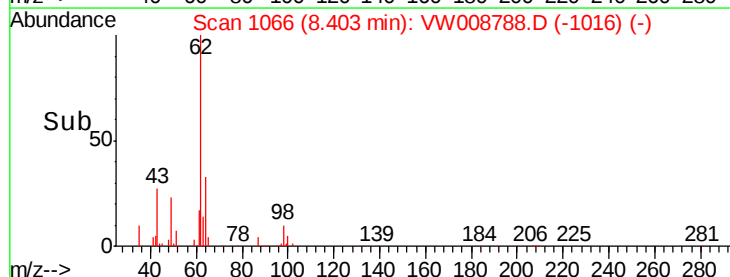
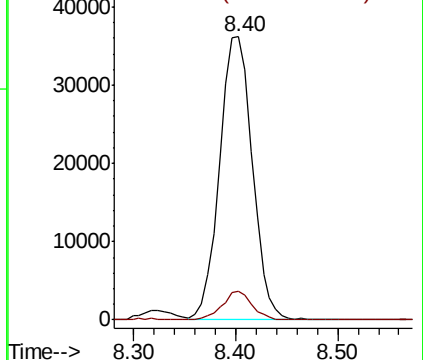
62 100

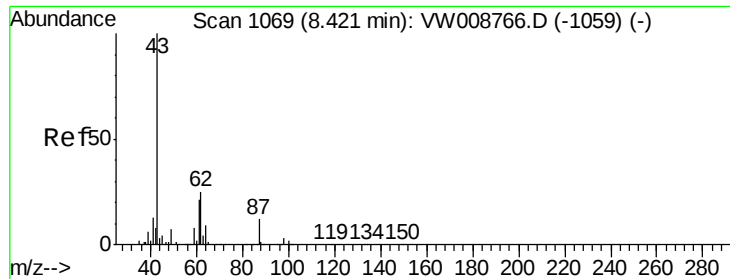
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.792 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

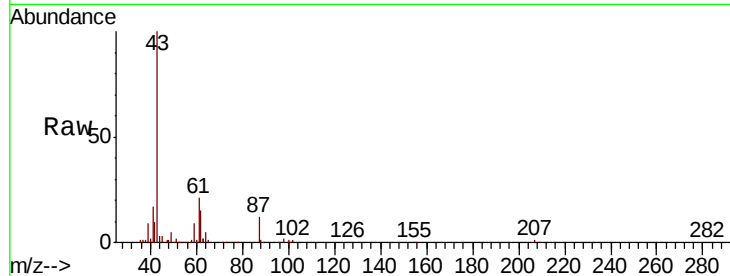
Tgt Ion: 43 Resp: 83798

Ion Ratio Lower Upper

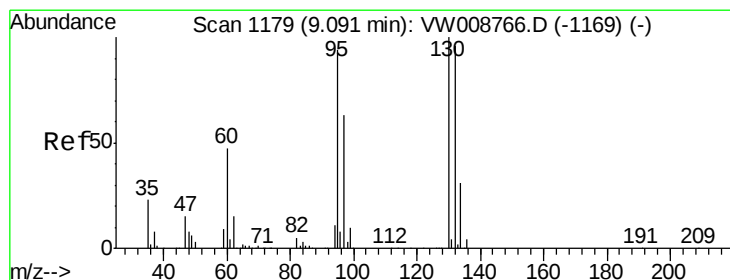
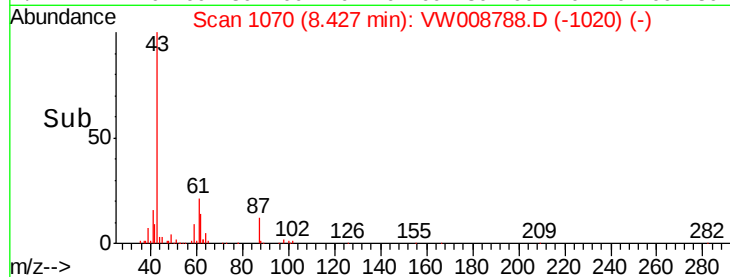
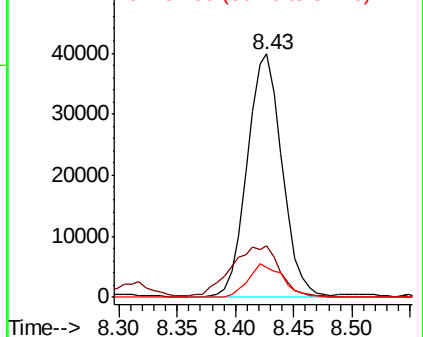
43 100

61 29.5 23.2 34.8

87 13.6 9.9 14.9



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



#44

Trichloroethene

Concen: 21.094 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008788.D

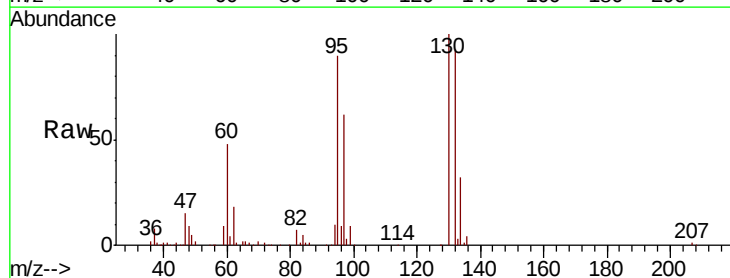
Acq: 22 Feb 2019 14:46

Tgt Ion: 130 Resp: 74015

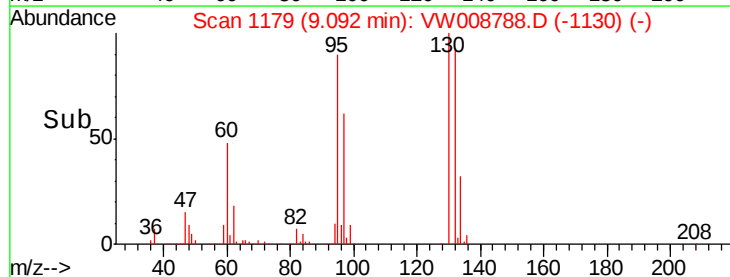
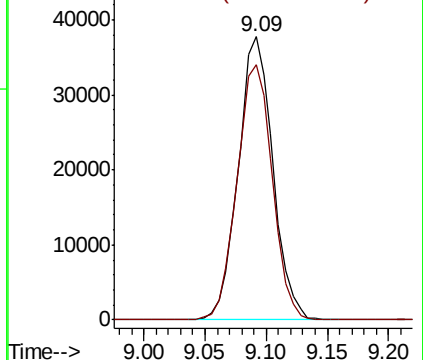
Ion Ratio Lower Upper

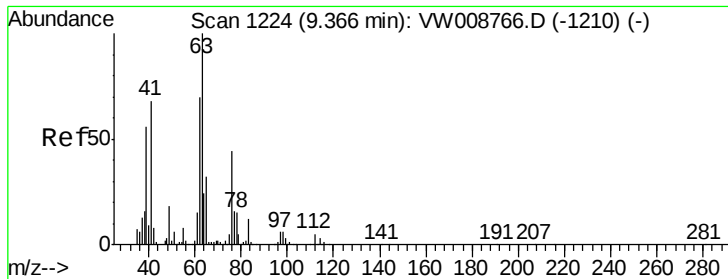
130 100

95 90.3 0.0 188.6



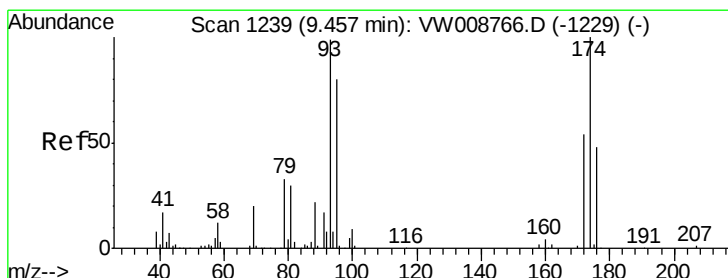
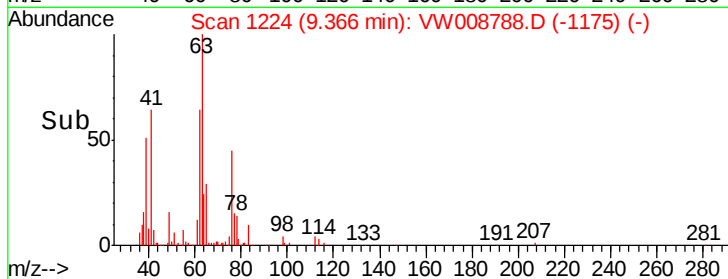
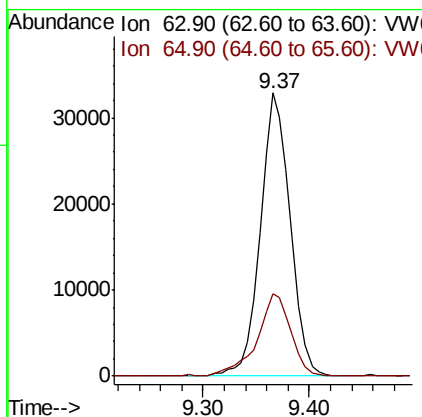
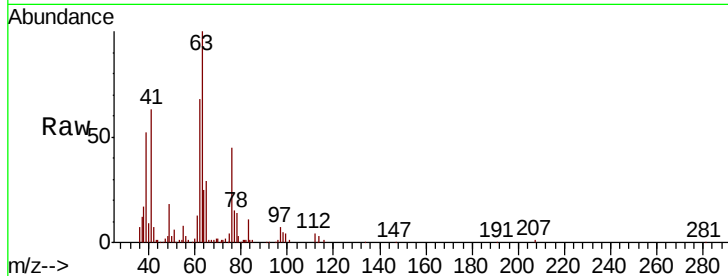
Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





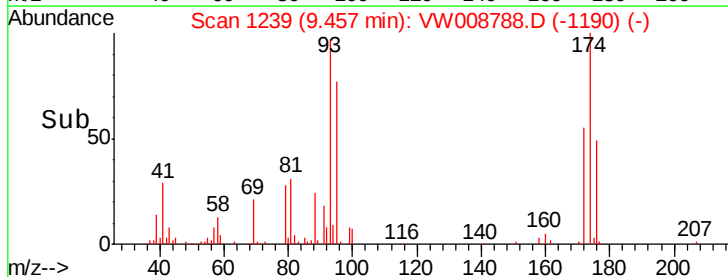
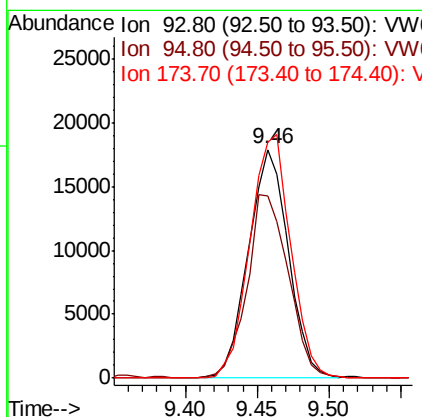
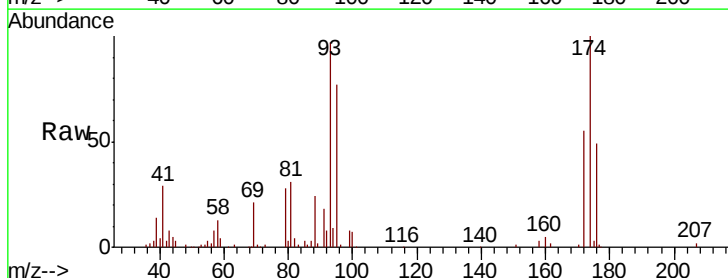
#45
 1,2-Dichloropropane
 Concen: 20.907 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

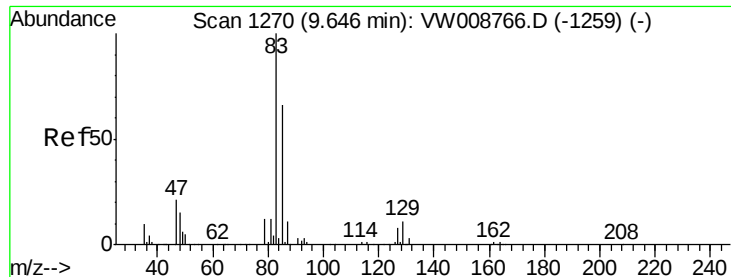
Tgt Ion: 63 Resp: 64351
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.5 38.3



#46
 Dibromomethane
 Concen: 20.095 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

Tgt Ion: 93 Resp: 34405
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.7 101.5
 174 108.7 86.7 130.1





#47

Bromodichloromethane

Concen: 20.585 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

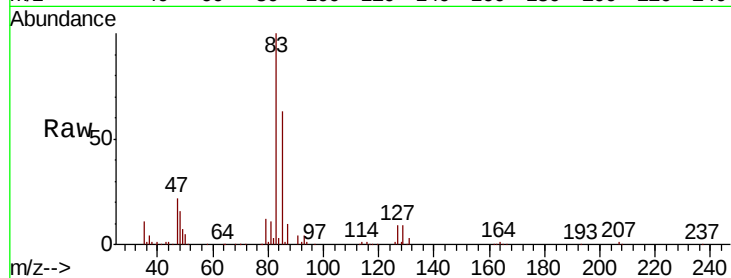
Tgt Ion: 83 Resp: 85747

Ion Ratio Lower Upper

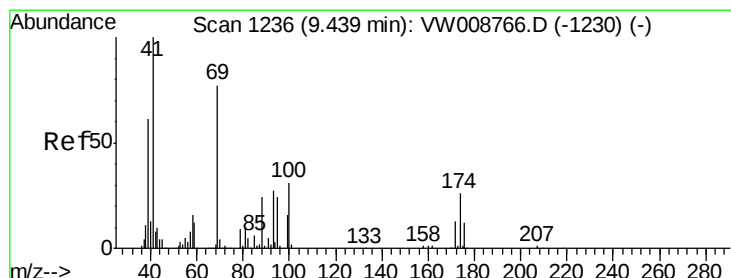
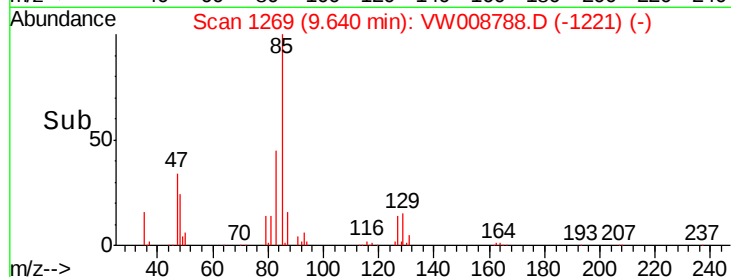
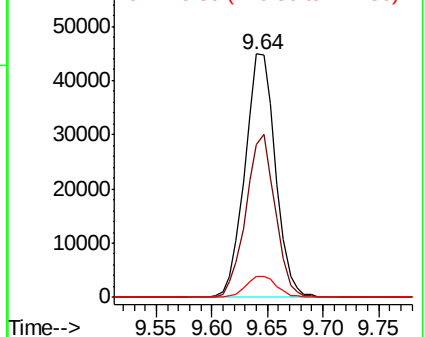
83 100

85 62.5 52.5 78.7

127 8.5 6.7 10.1



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: 18.605 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

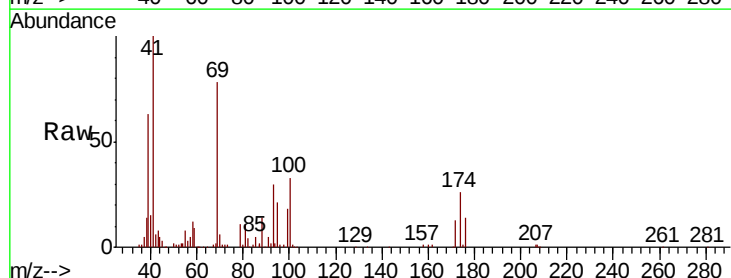
Tgt Ion: 41 Resp: 37727

Ion Ratio Lower Upper

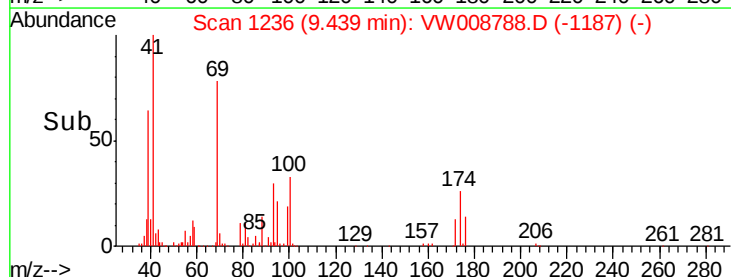
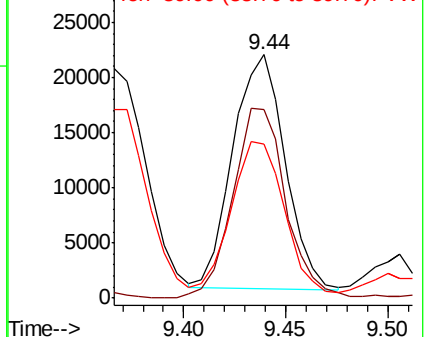
41 100

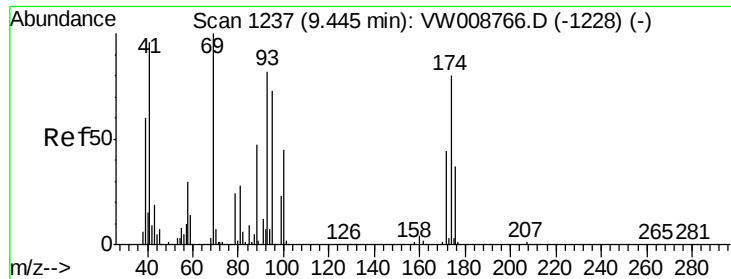
69 82.6 63.6 95.4

39 64.4 52.1 78.1



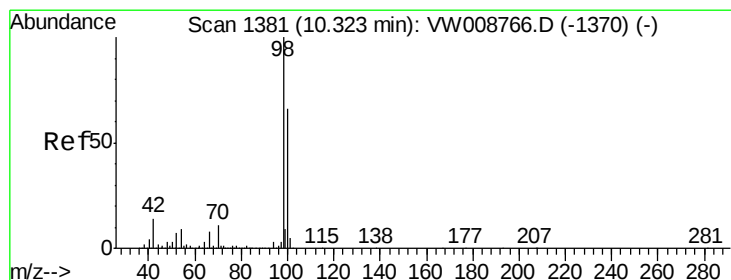
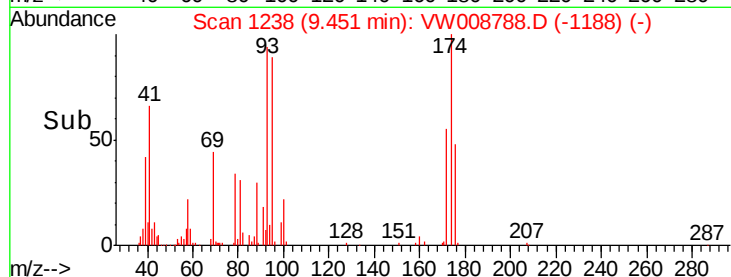
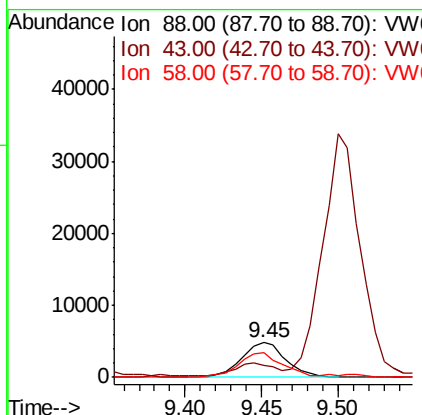
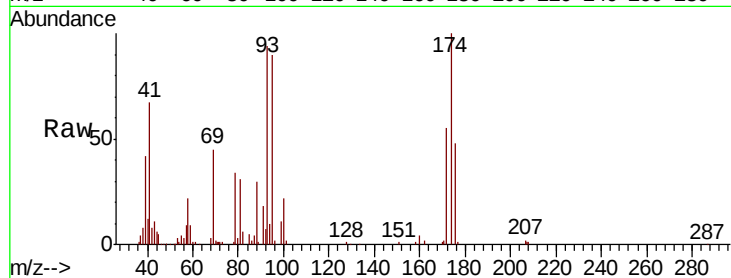
Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





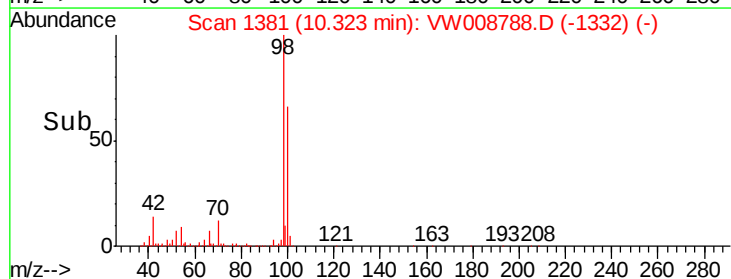
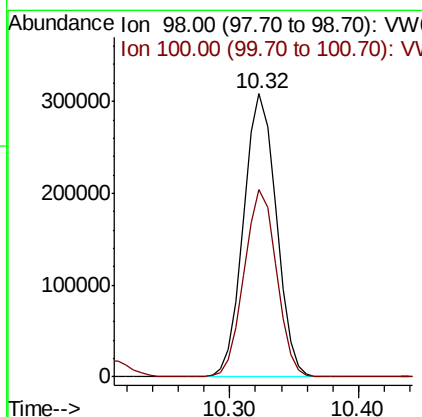
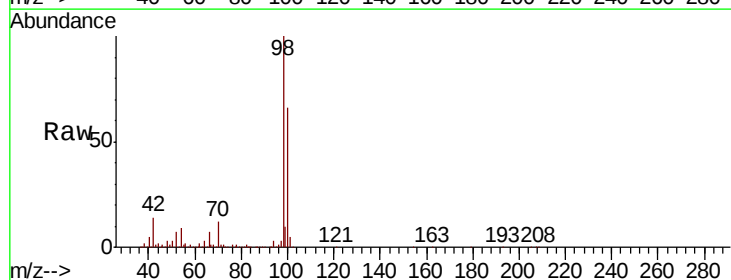
#49
1,4-Dioxane
Concen: 350.248 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

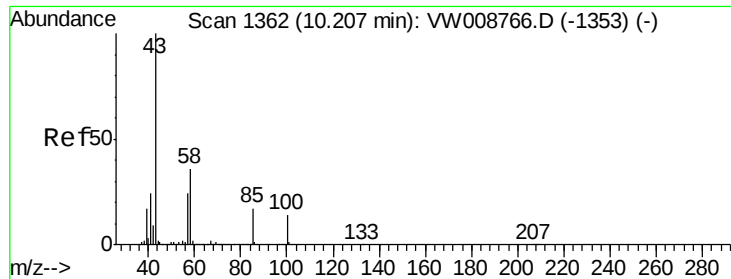
Tgt Ion: 88 Resp: 9603
Ion Ratio Lower Upper
88 100
43 34.1 29.0 43.4
58 72.5 52.0 78.0



#50
Toluene-d8
Concen: 49.847 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion: 98 Resp: 541447
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 97.983 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008788.D

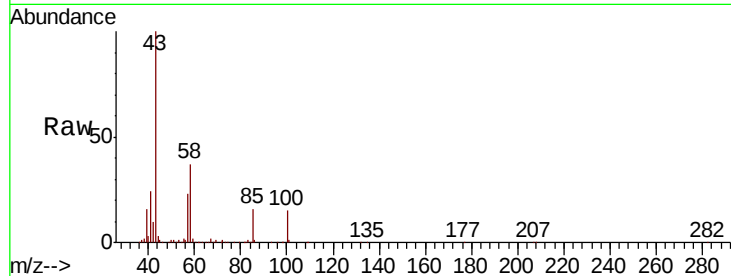
Acq: 22 Feb 2019 14:46

Tgt Ion: 43 Resp: 210623

Ion Ratio Lower Upper

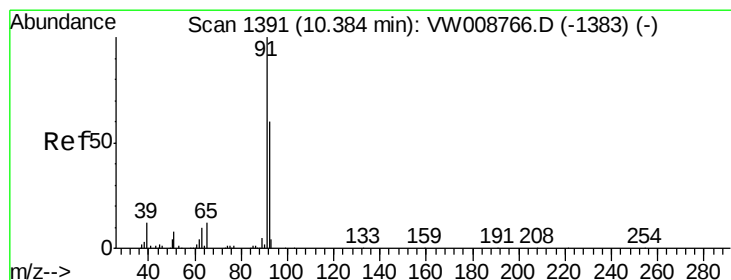
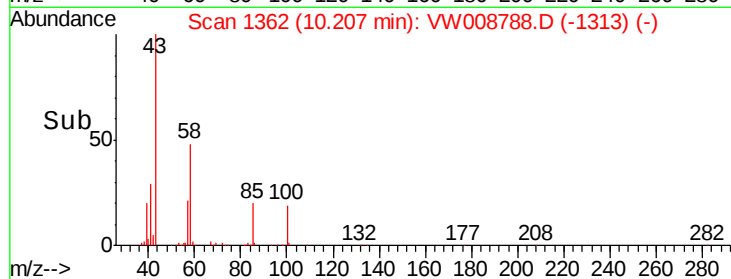
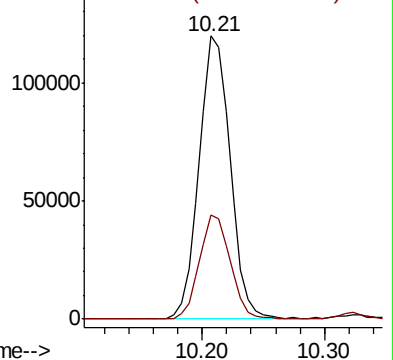
43 100

58 36.8 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.035 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008788.D

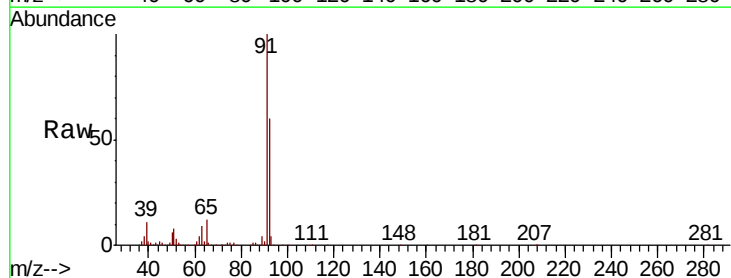
Acq: 22 Feb 2019 14:46

Tgt Ion: 92 Resp: 169367

Ion Ratio Lower Upper

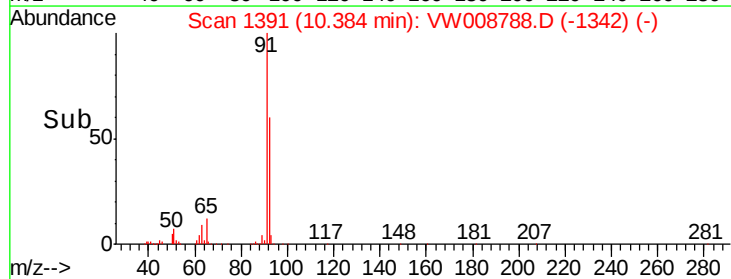
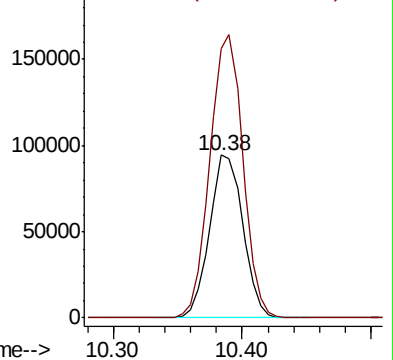
92 100

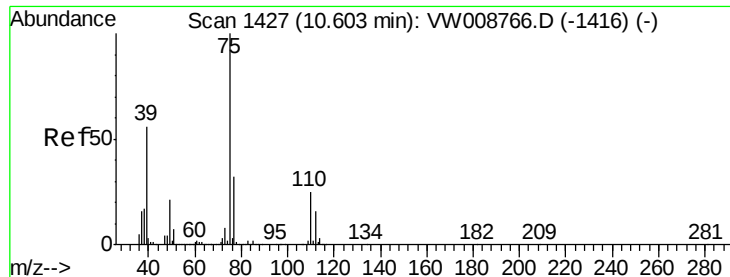
91 171.8 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 20.362 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008788.D

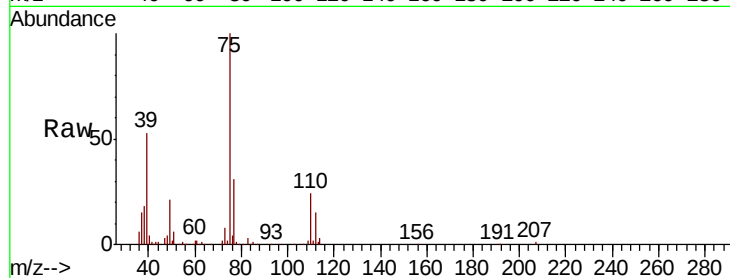
Acq: 22 Feb 2019 14:46

Tgt Ion: 75 Resp: 86451

Ion Ratio Lower Upper

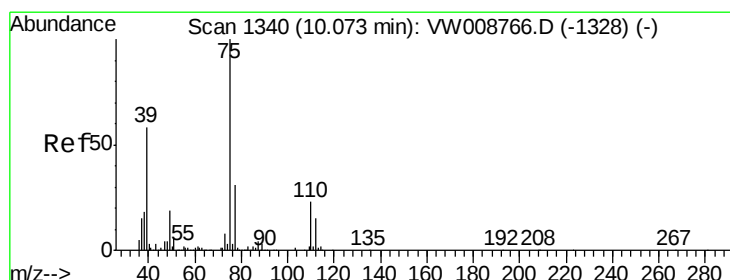
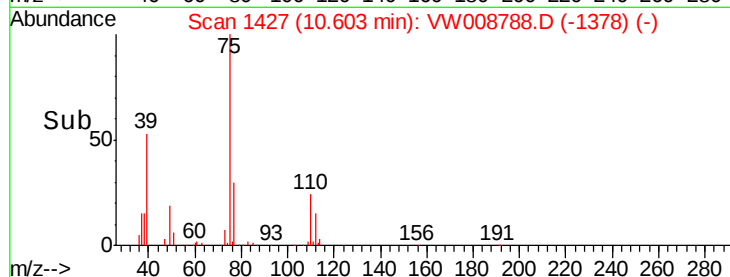
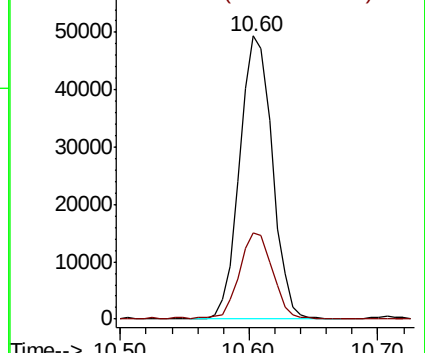
75 100

77 30.4 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.796 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

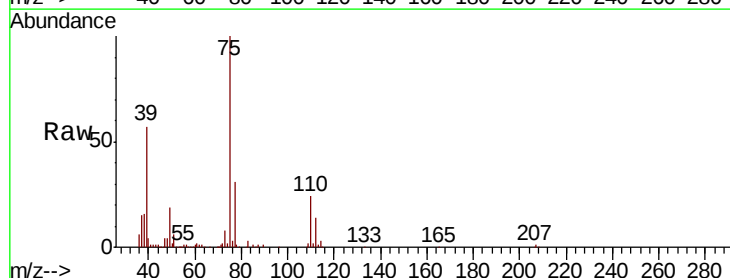
Tgt Ion: 75 Resp: 100704

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

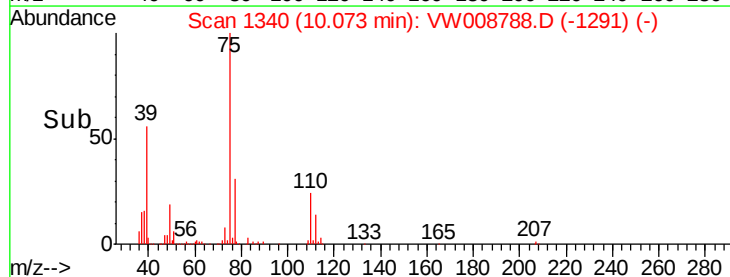
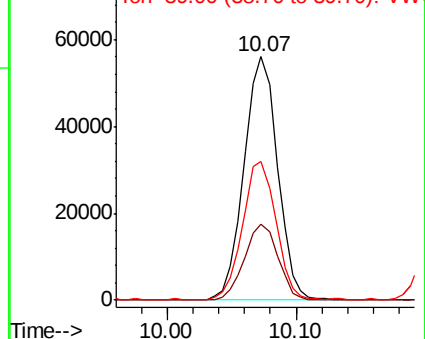
39 56.6 46.6 70.0

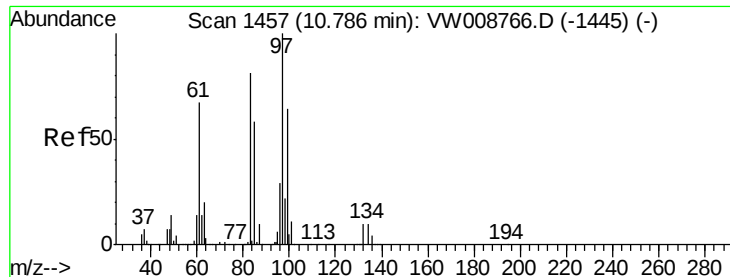


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

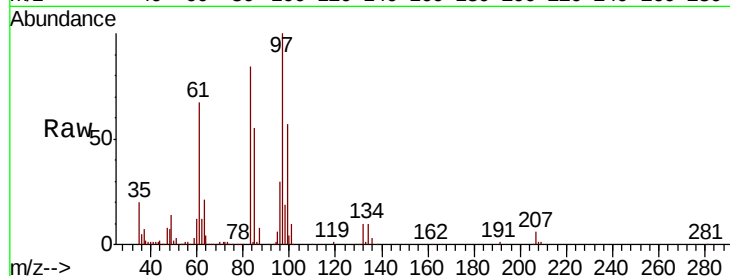
Ion 39.00 (38.70 to 39.70): VW



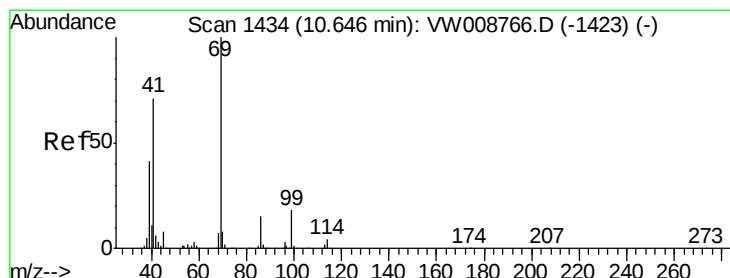
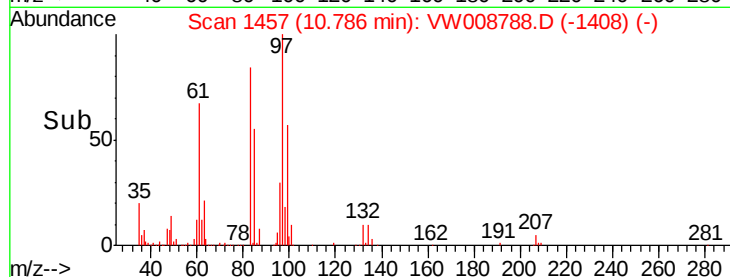
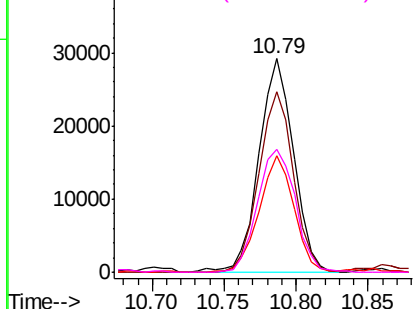


#55
 1,1,2-Trichloroethane
 Concen: 20.941 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

Tgt Ion:	97	Resp:	48623
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.0	97.6
85	54.7	46.0	69.0
99	57.4	51.1	76.7

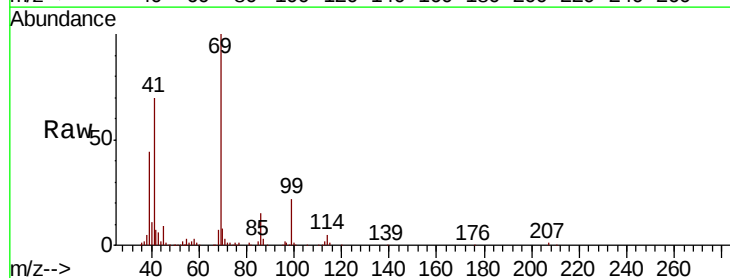


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

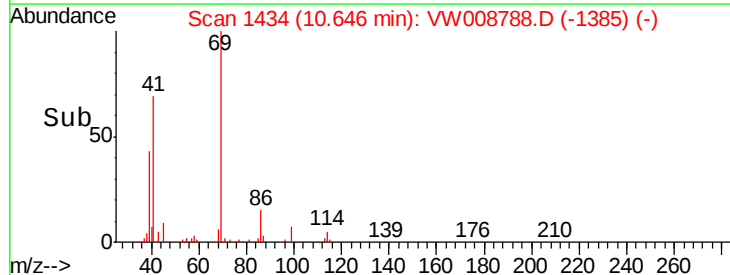
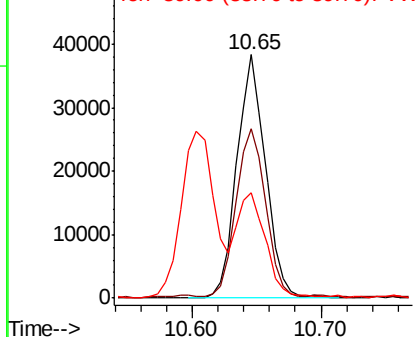


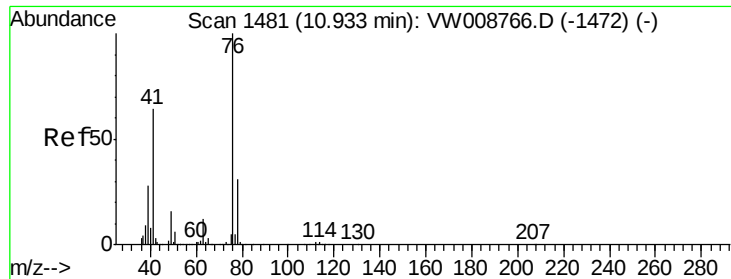
#56
 Ethyl methacrylate
 Concen: 19.581 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

Tgt Ion:	69	Resp:	59068
Ion	Ratio	Lower	Upper
69	100		
41	70.4	57.4	86.0
39	42.5	34.8	52.2



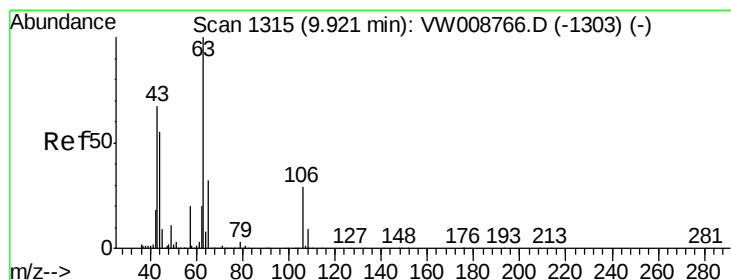
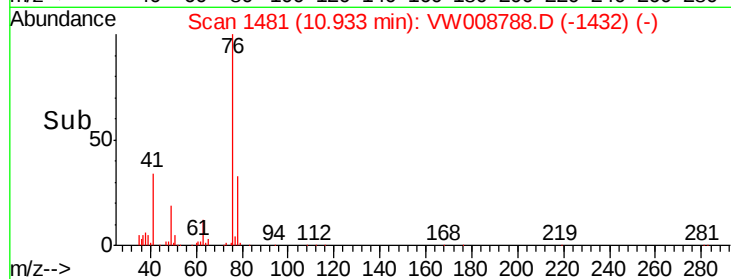
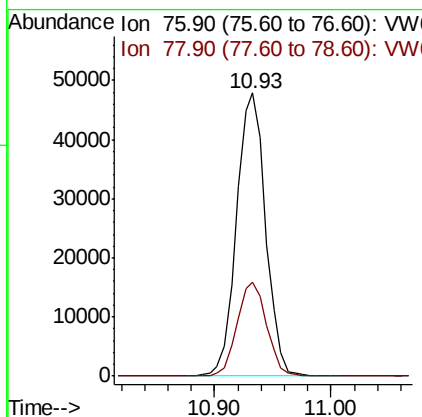
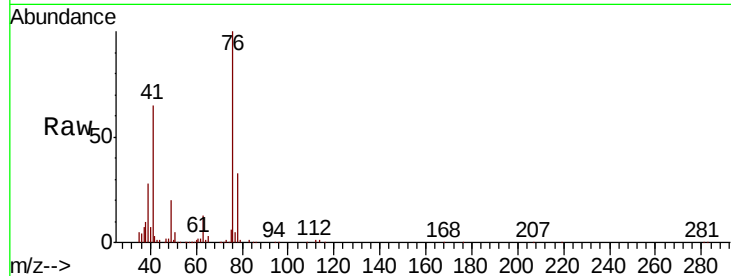
Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





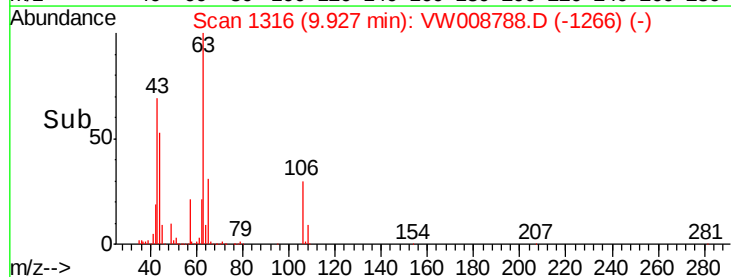
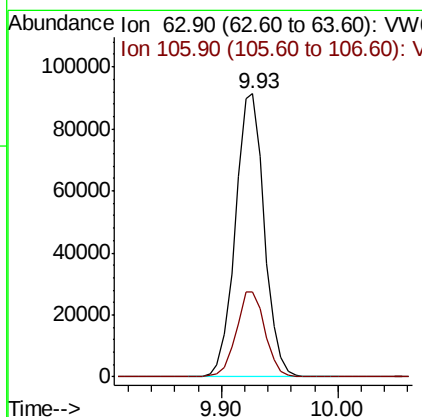
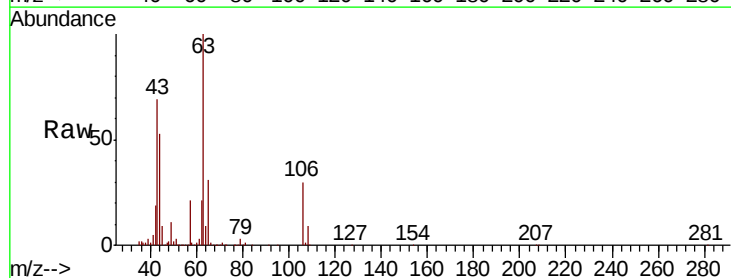
#57
 1,3-Dichloropropane
 Concen: 20.263 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

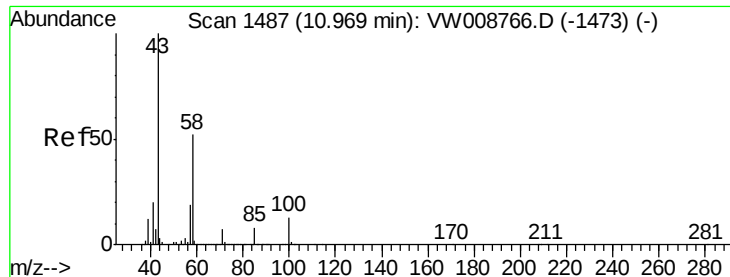
Tgt Ion: 76 Resp: 83070
 Ion Ratio Lower Upper
 76 100
 78 33.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.101 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

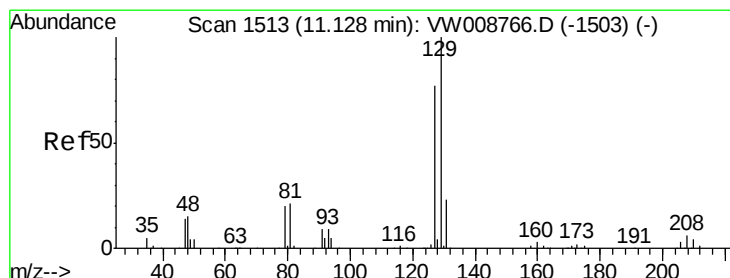
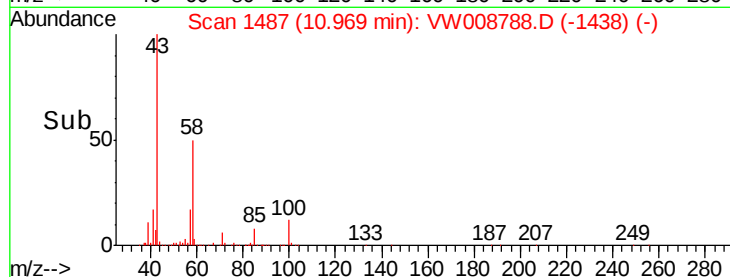
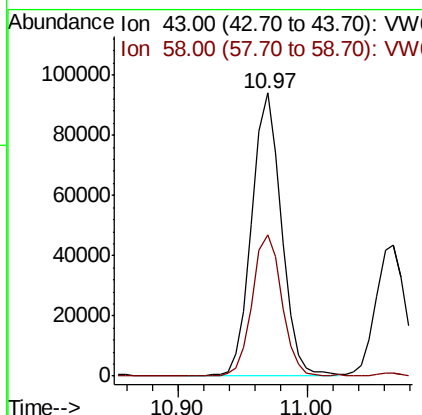
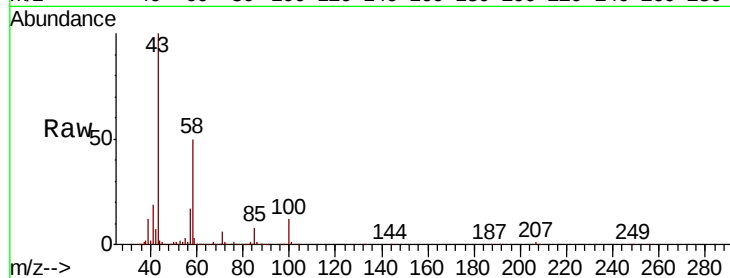
Tgt Ion: 63 Resp: 157941
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.0 36.0





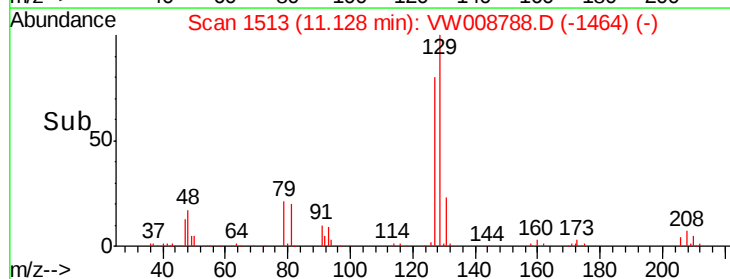
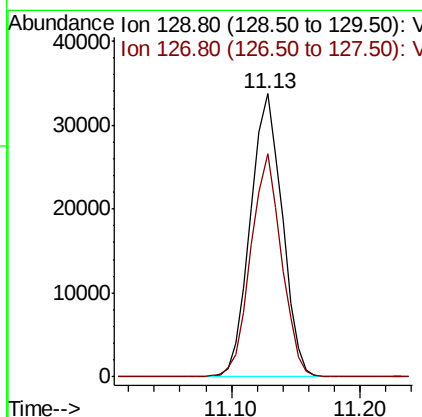
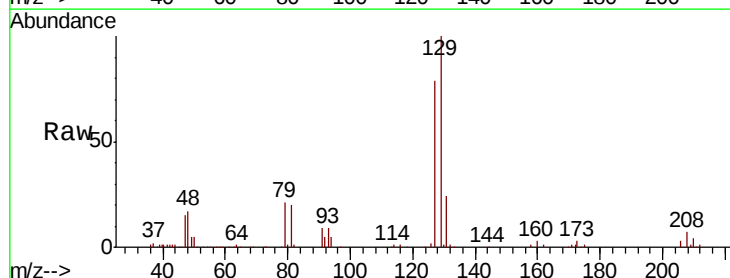
#59
2-Hexanone
Concen: 97.441 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

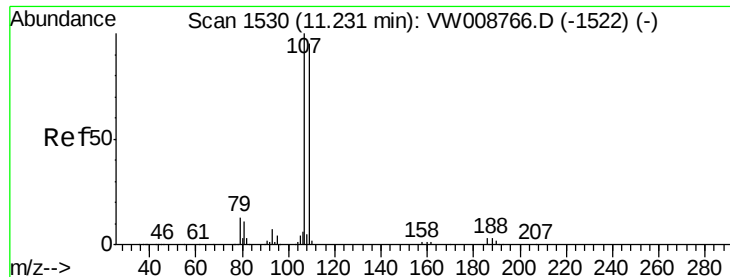
Tgt Ion: 43 Resp: 149102
Ion Ratio Lower Upper
43 100
58 49.9 25.3 75.8



#60
Dibromochloromethane
Concen: 20.375 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

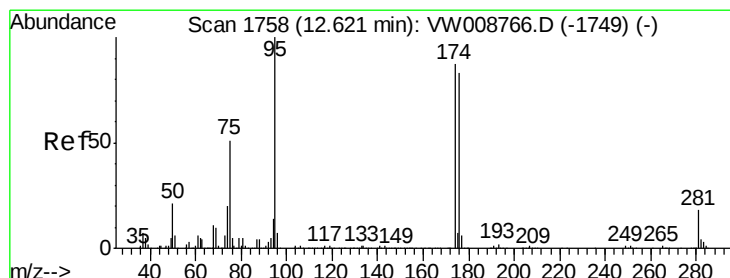
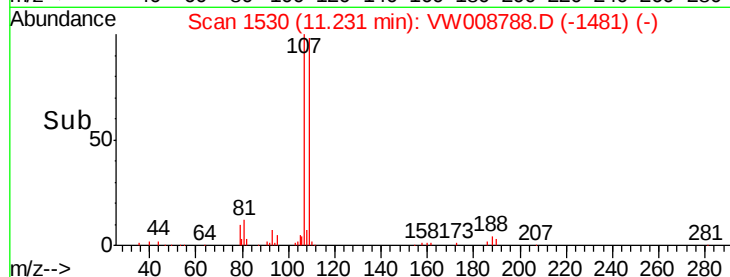
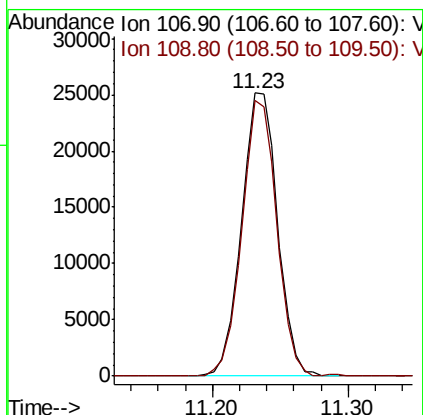
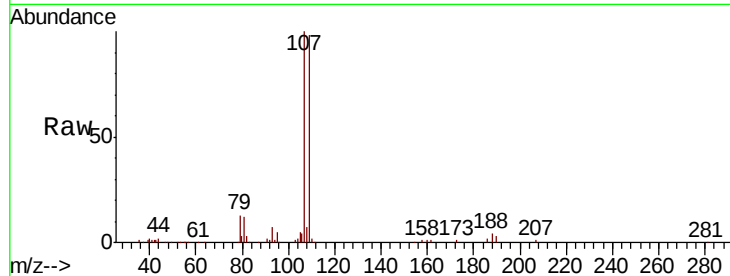
Tgt Ion: 129 Resp: 57703
Ion Ratio Lower Upper
129 100
127 75.7 39.0 116.9





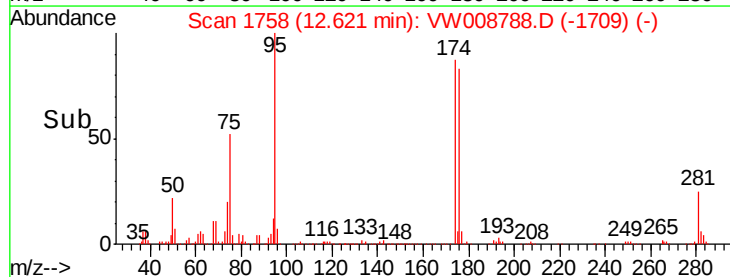
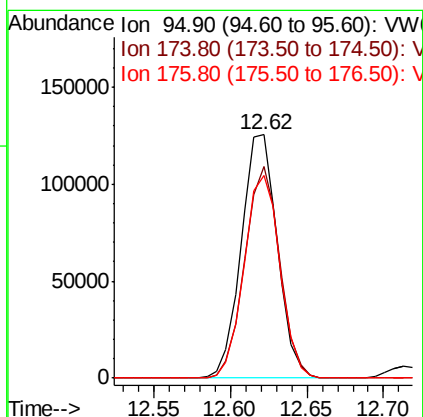
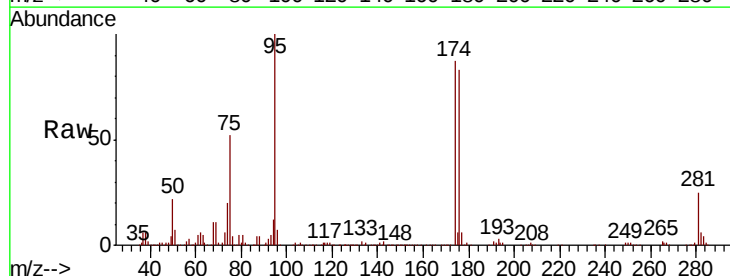
#61
1,2-Dibromoethane
Concen: 20.214 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

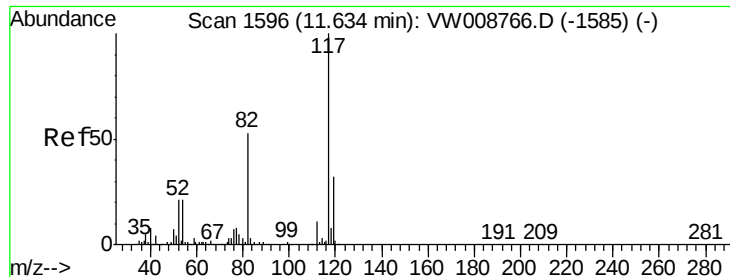
Tgt Ion: 107 Resp: 46458
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.353 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

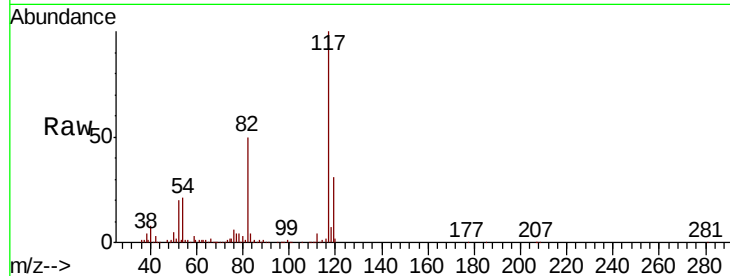
Tgt Ion: 95 Resp: 205648
Ion Ratio Lower Upper
95 100
174 84.6 0.0 169.2
176 83.0 0.0 163.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.2	63.4
119	31.1	25.9	38.9

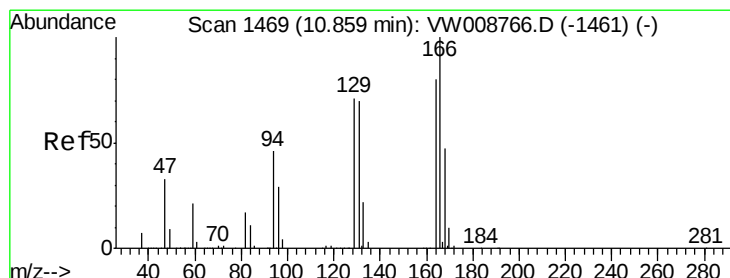
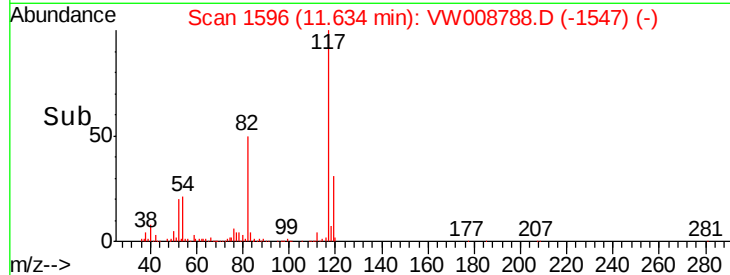
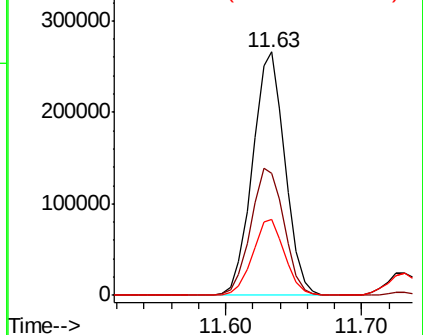


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.115 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.9	99.5	149.3
129	93.0	71.1	106.7
131	87.3	69.8	104.8

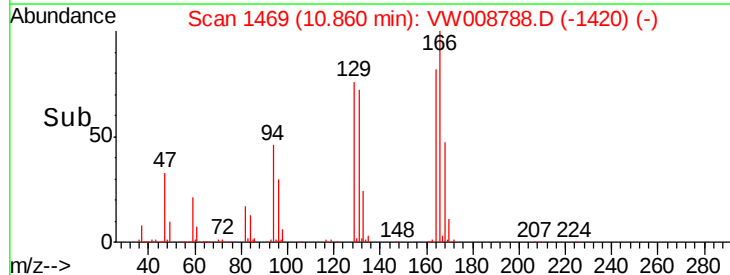
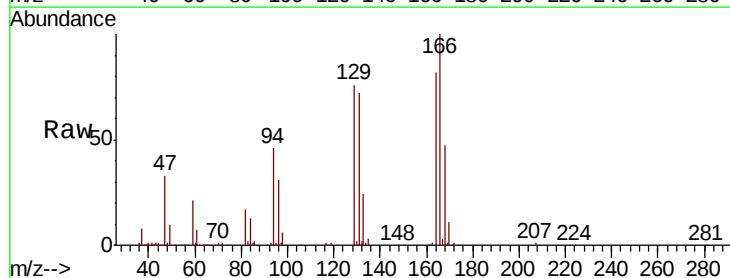
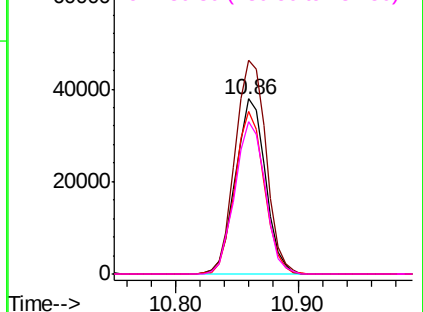
Abundance

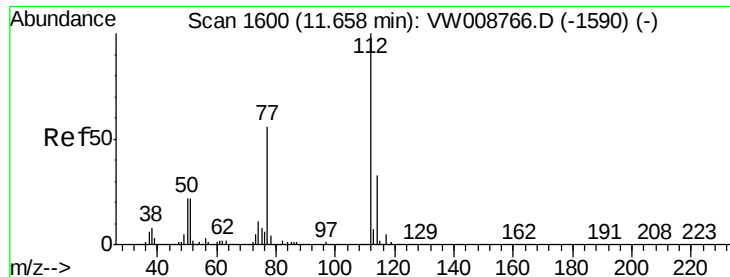
Ion 163.80 (163.50 to 164.50): V

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: 20.021 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008788.D

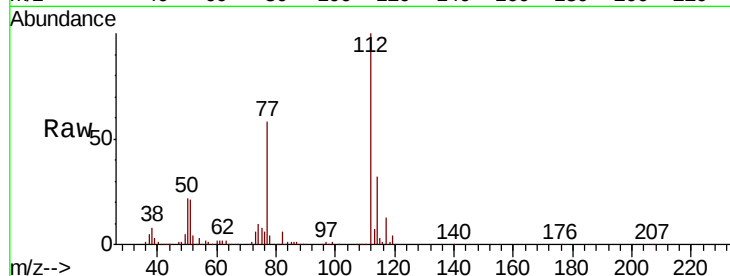
Acq: 22 Feb 2019 14:46

Tgt Ion:112 Resp: 186894

Ion Ratio Lower Upper

112 100

114 32.0 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

120000

100000

80000

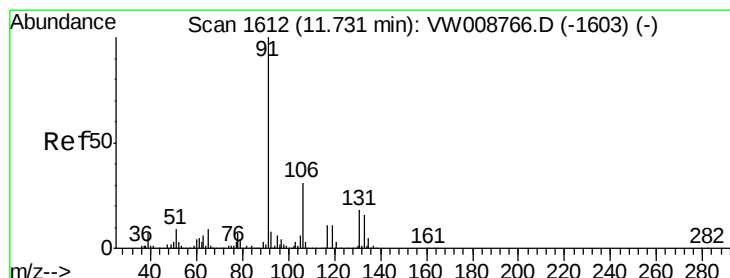
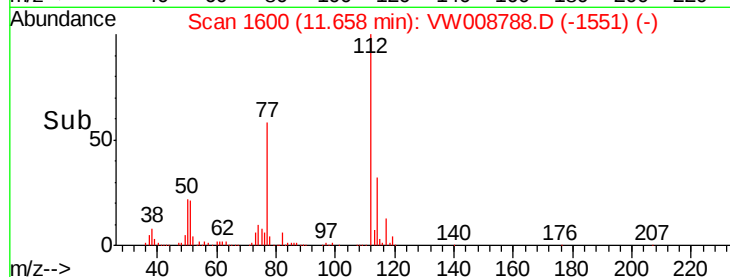
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.934 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

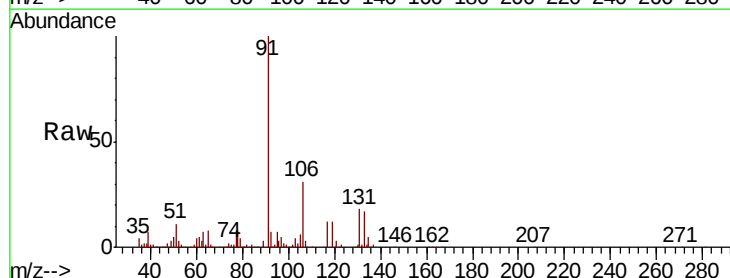
Tgt Ion:131 Resp: 62919

Ion Ratio Lower Upper

131 100

133 95.9 46.7 140.0

119 62.8 30.8 92.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.73

100000

80000

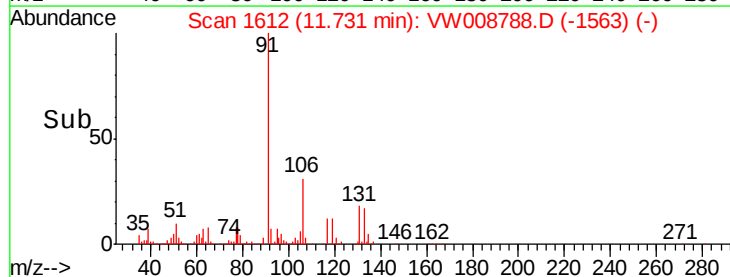
60000

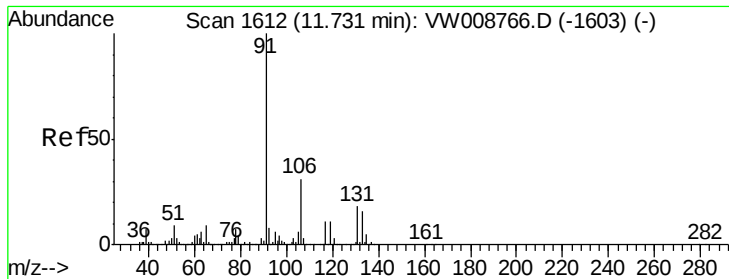
40000

20000

0

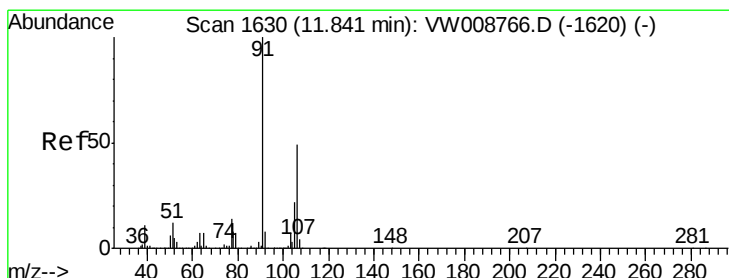
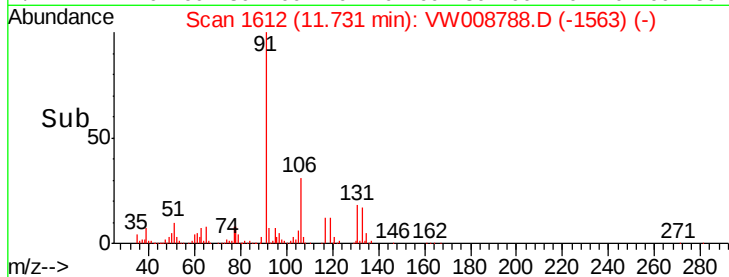
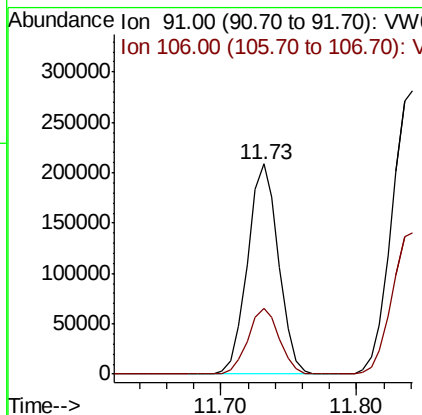
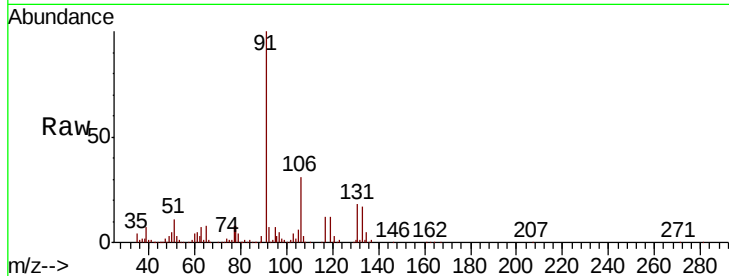
Time-->





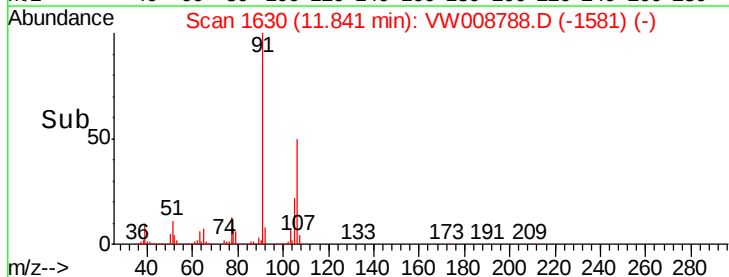
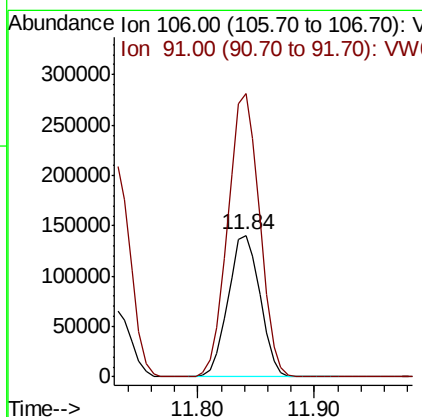
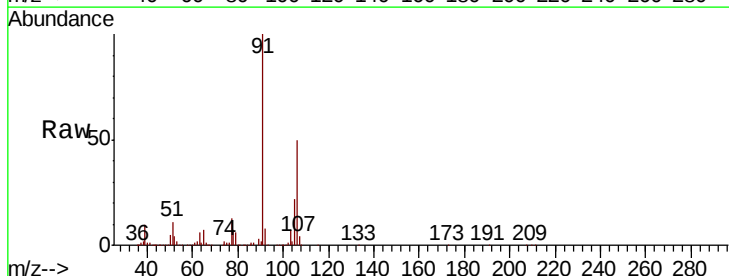
#67
Ethyl Benzene
Concen: 20.020 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

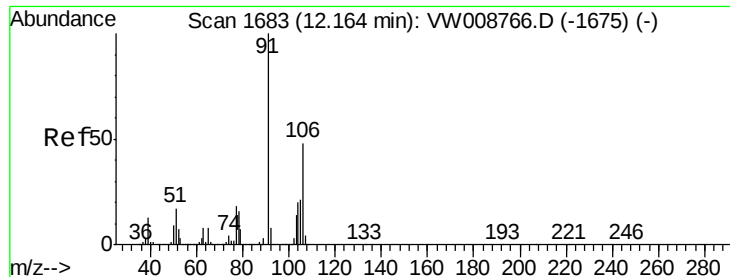
Tgt Ion: 91 Resp: 334092
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 40.240 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

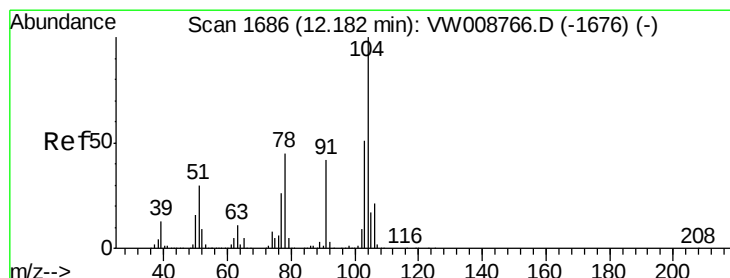
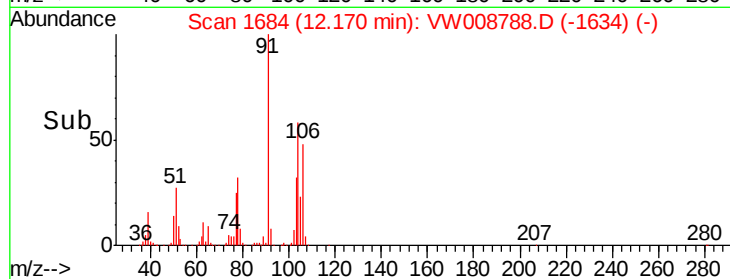
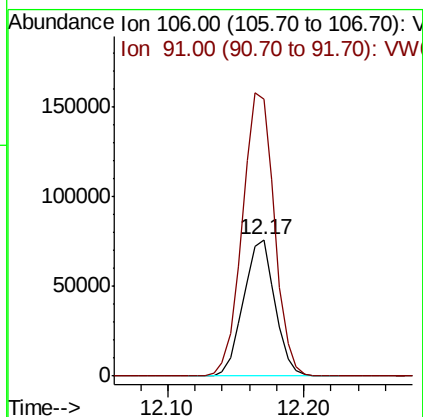
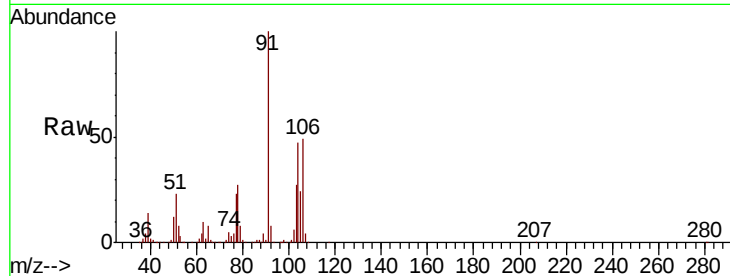
Tgt Ion: 106 Resp: 268306
Ion Ratio Lower Upper
106 100
91 198.9 161.5 242.3





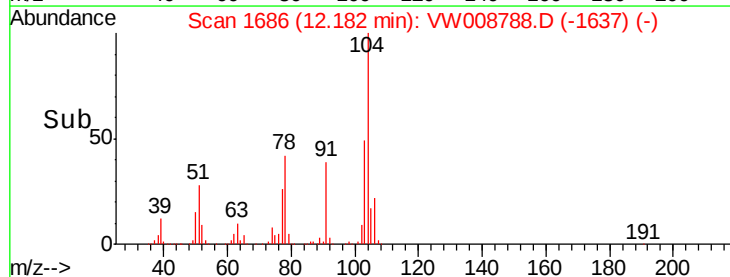
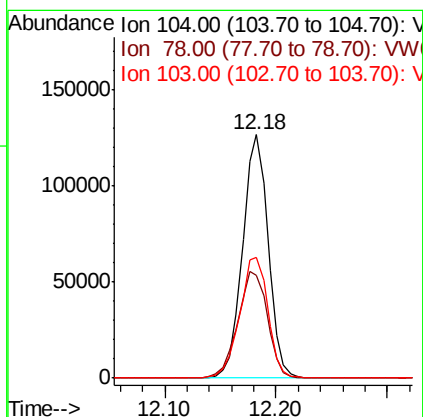
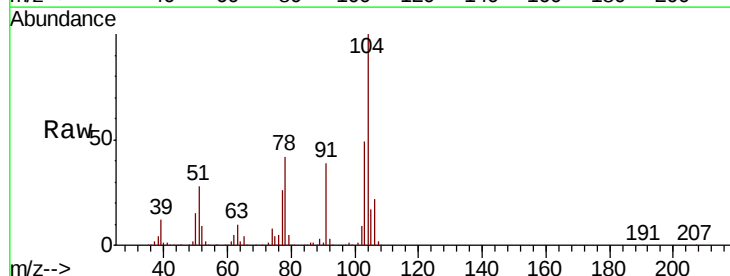
#69
o-Xylene
Concen: 19.649 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion:106 Resp: 122970
Ion Ratio Lower Upper
106 100
91 212.0 106.2 318.6



#70
Styrene
Concen: 20.043 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

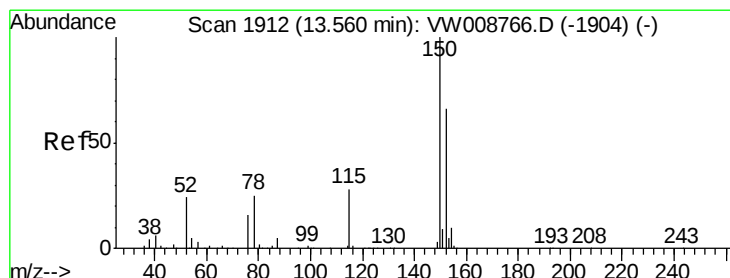
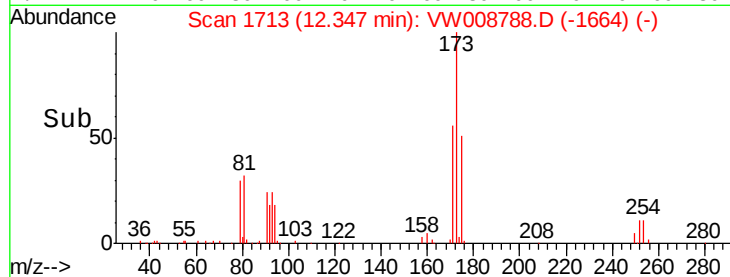
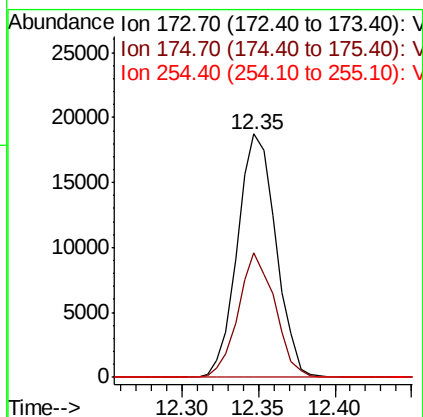
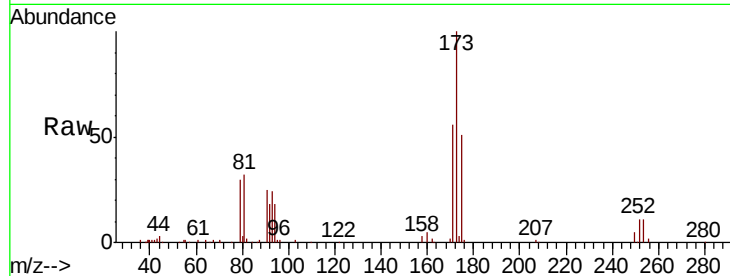
Tgt Ion:104 Resp: 201805
Ion Ratio Lower Upper
104 100
78 51.0 40.8 61.2
103 54.9 44.2 66.2





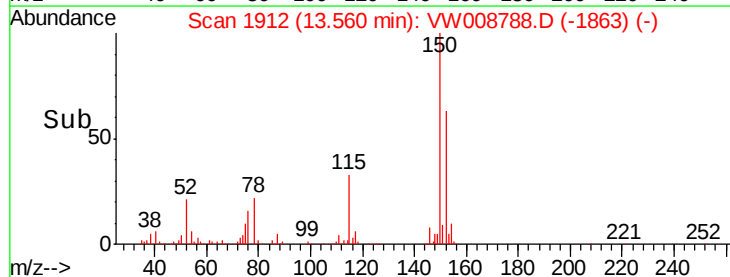
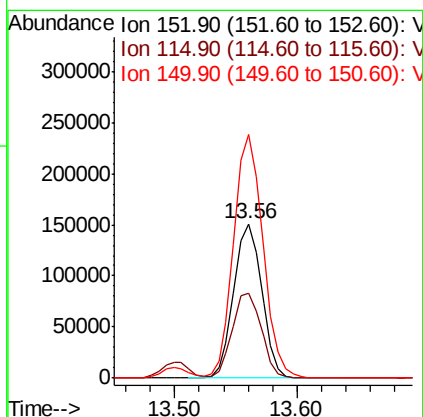
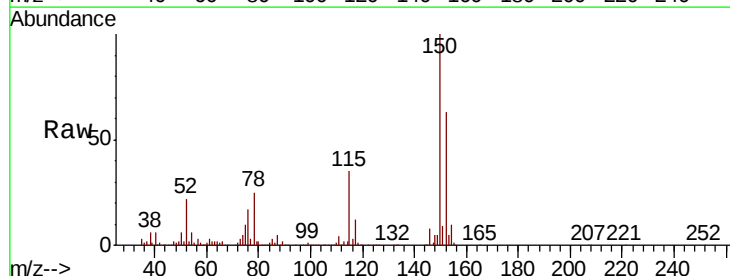
#71
Bromoform
Concen: 19.252 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

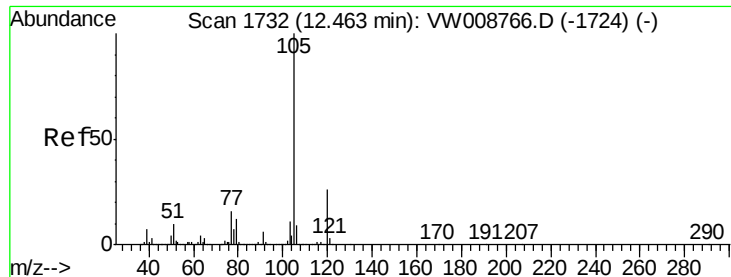
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.2	72.6
254	0.2	0.2	0.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.6	85.8
150	164.5	0.0	348.0





#73

Isopropylbenzene

Concen: 20.657 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008788.D

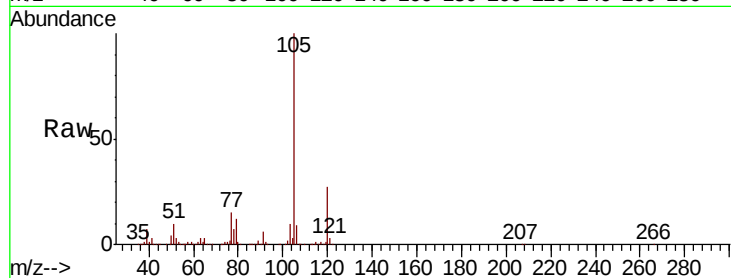
Acq: 22 Feb 2019 14:46

Tgt Ion: 105 Resp: 339980

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

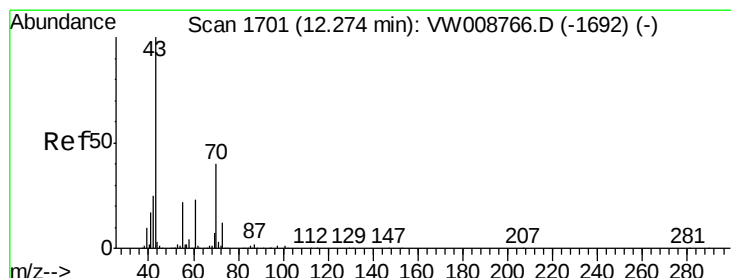
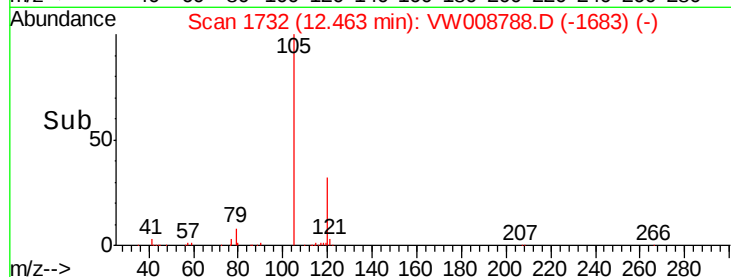
50000

0

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 19.140 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion: 43 Resp: 79353

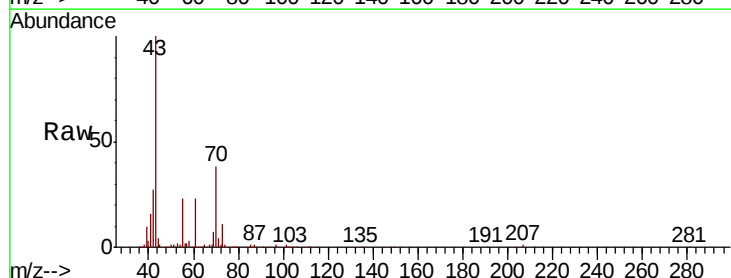
Ion Ratio Lower Upper

43 100

70 38.8 31.0 46.6

55 23.3 18.7 28.1

61 22.8 18.1 27.1



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

80000

60000

40000

20000

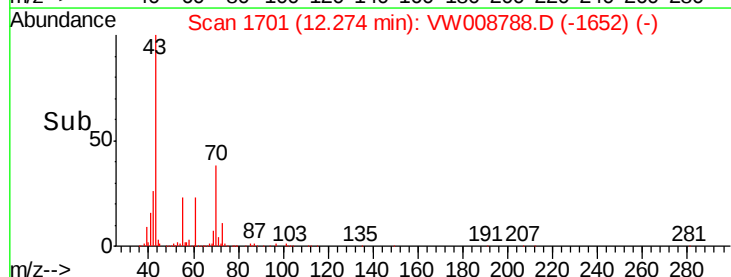
0

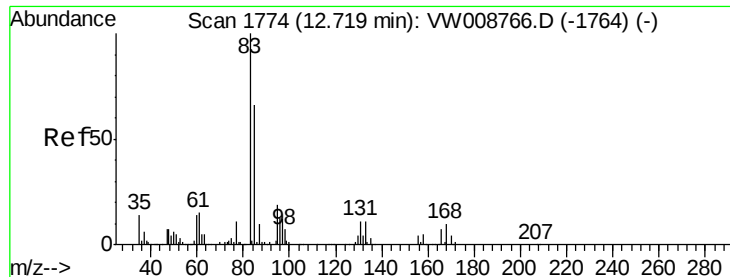
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.110 ug/l

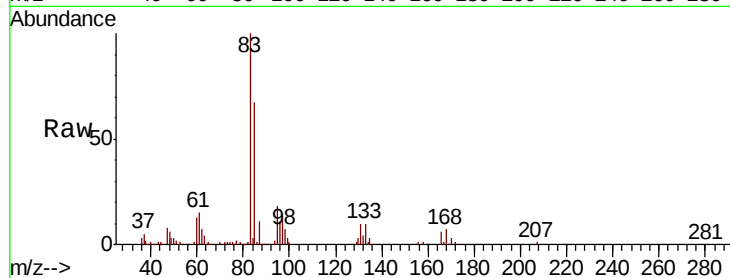
RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

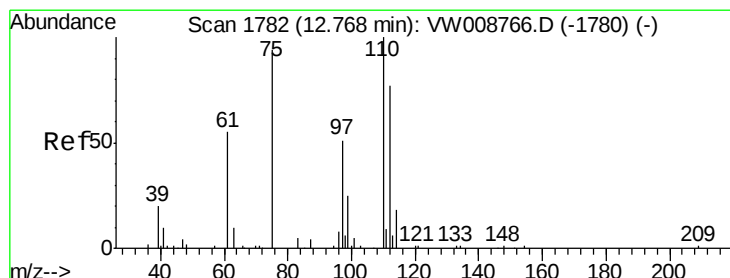
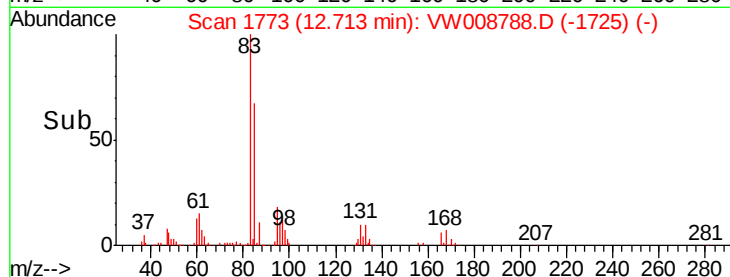
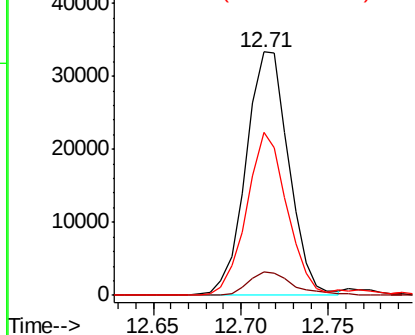
Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion:	83	Resp:	56772
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.5	16.7
85	63.2	33.0	98.9



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



#76

1,2,3-Trichloropropane

Concen: 36.238 ug/l

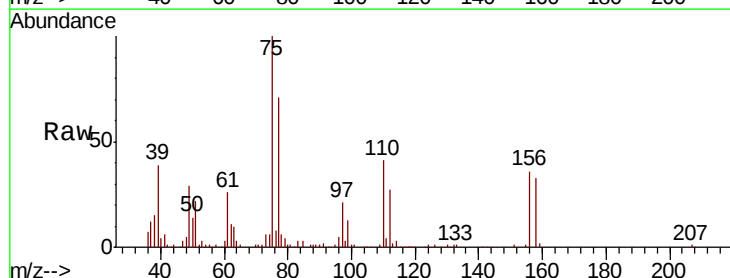
RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

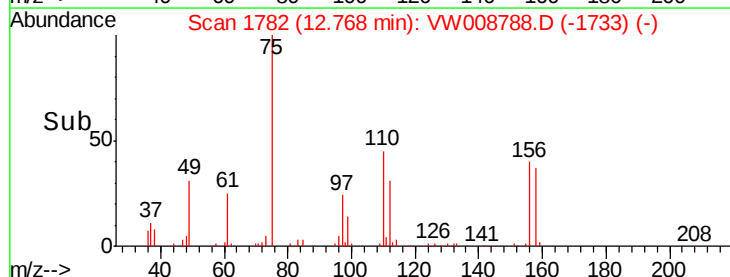
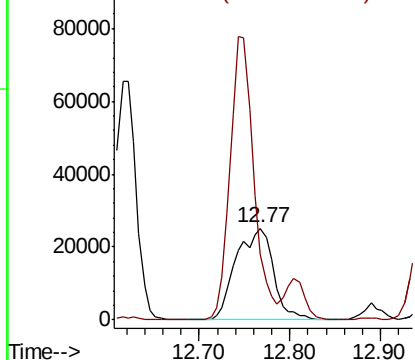
Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion:	75	Resp:	71832
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.002 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

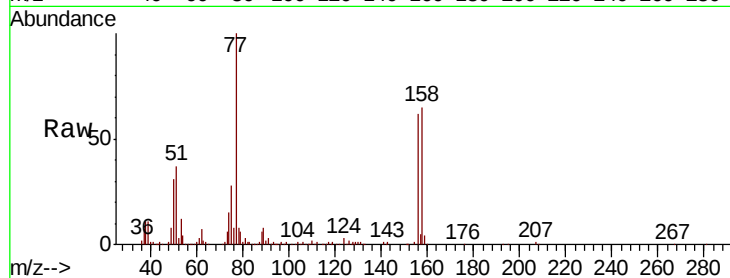
Tgt Ion: 156 Resp: 81683

Ion Ratio Lower Upper

156 100

77 173.8 89.1 267.4

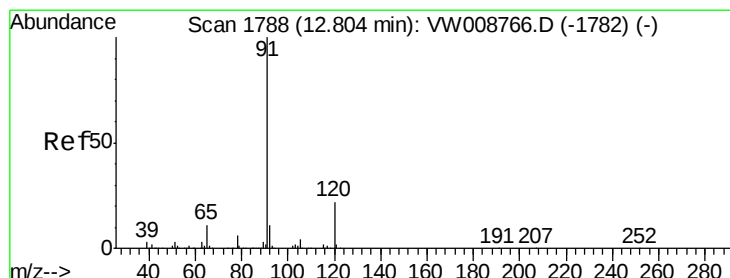
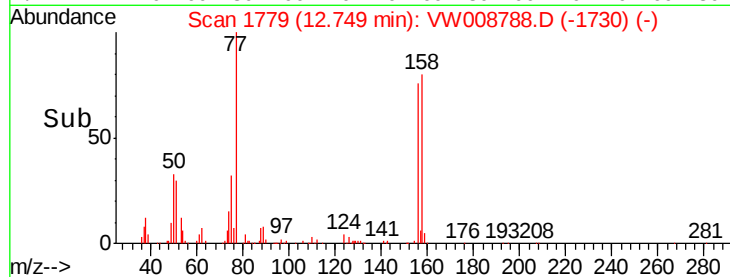
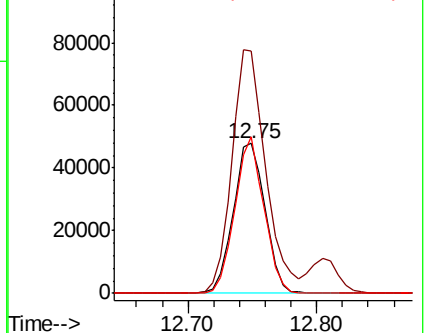
158 95.6 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.442 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008788.D

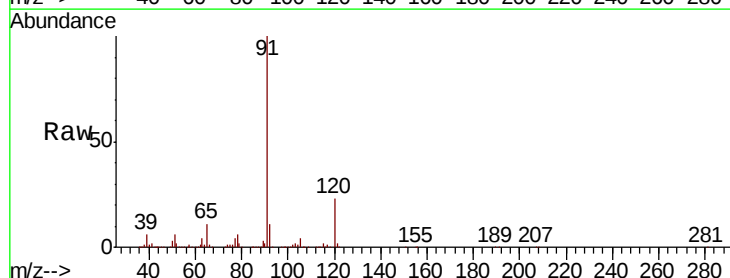
Acq: 22 Feb 2019 14:46

Tgt Ion: 91 Resp: 411546

Ion Ratio Lower Upper

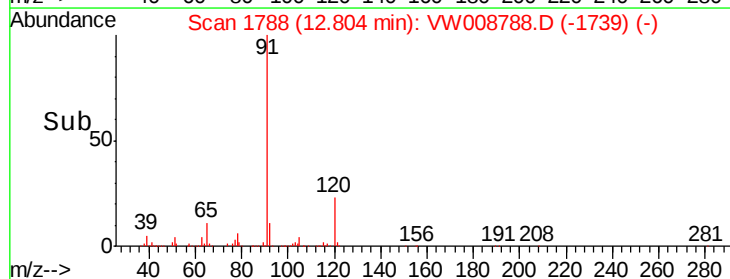
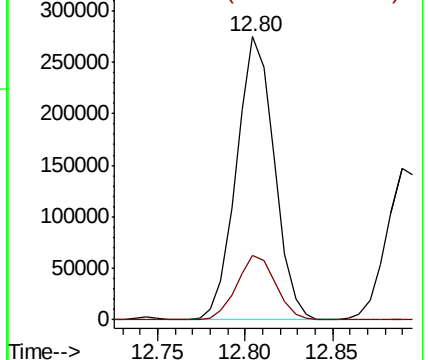
91 100

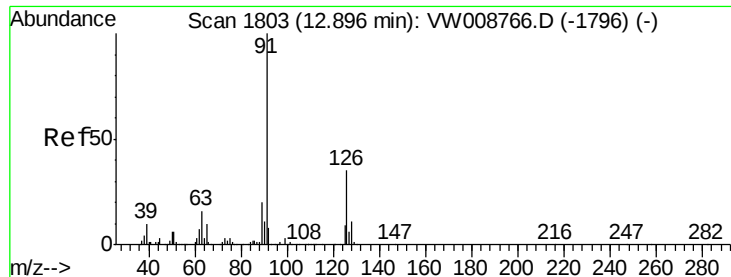
120 23.6 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.589 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008788.D

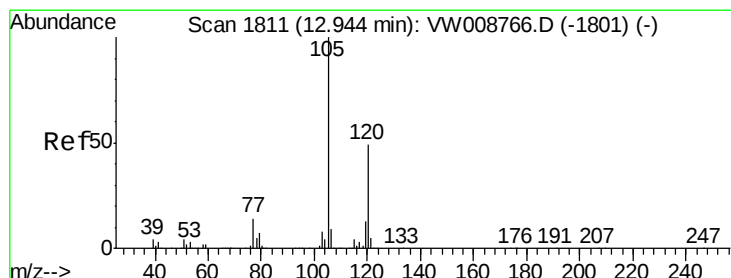
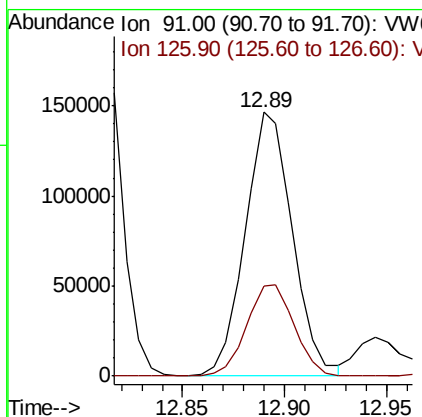
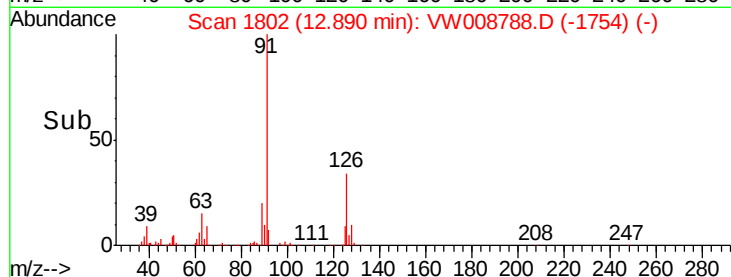
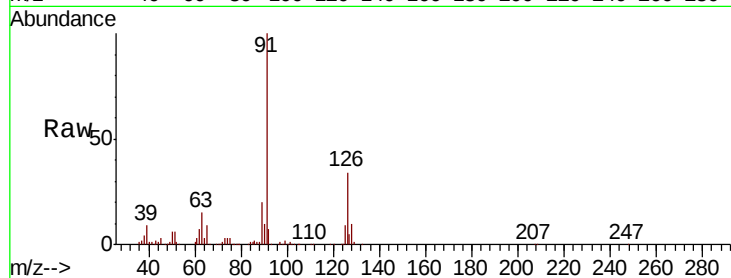
Acq: 22 Feb 2019 14:46

Tgt Ion: 91 Resp: 235341

Ion Ratio Lower Upper

91 100

126 35.0 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 20.001 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008788.D

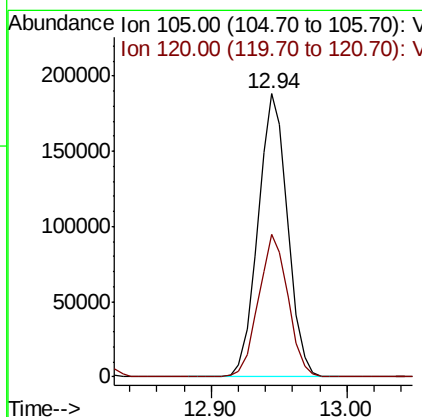
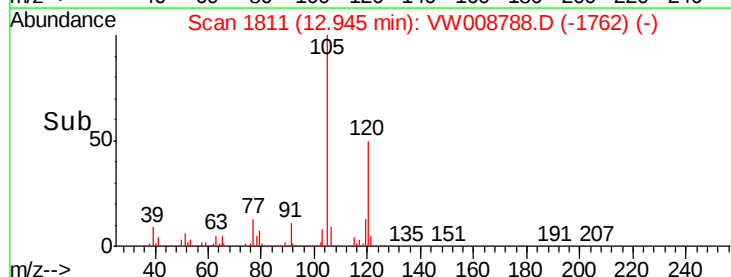
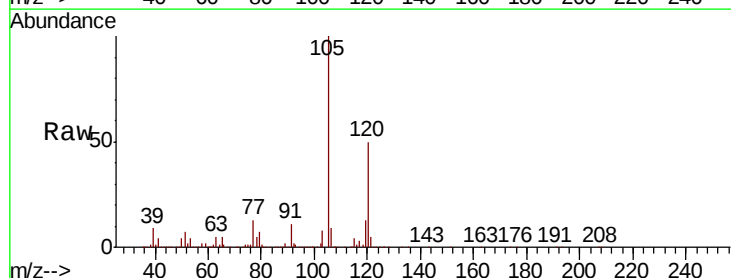
Acq: 22 Feb 2019 14:46

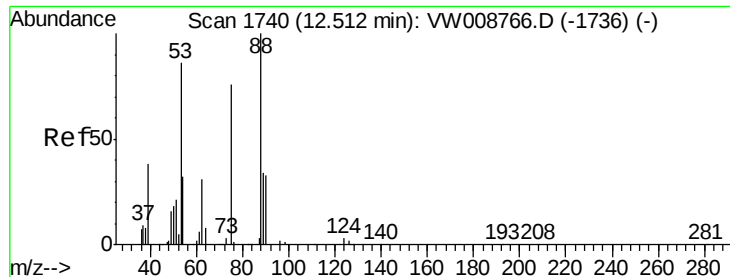
Tgt Ion: 105 Resp: 286076

Ion Ratio Lower Upper

105 100

120 50.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.957 ug/l

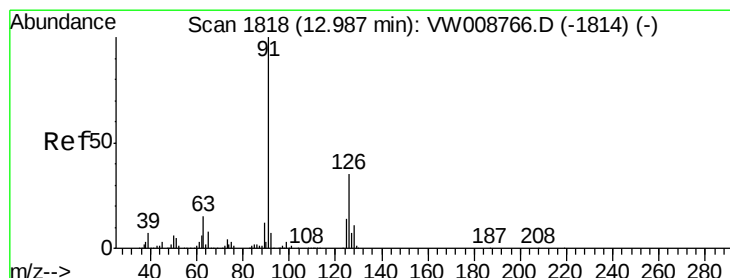
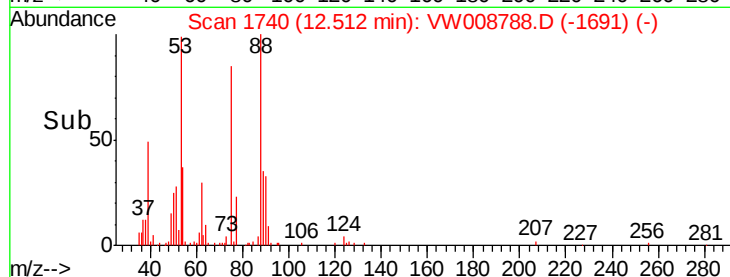
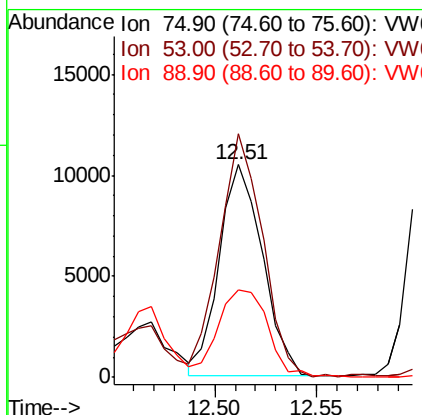
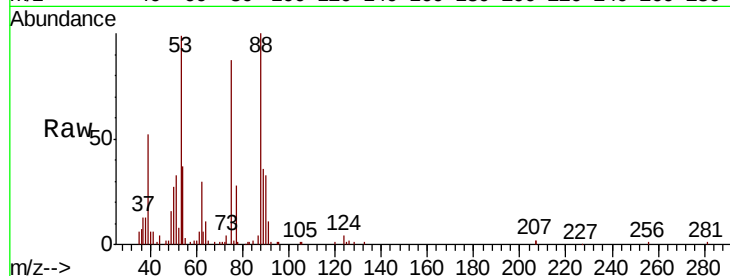
RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion:	75	Resp:	15457
Ion	Ratio	Lower	Upper
75	100		
53	115.3	88.2	132.2
89	48.3	39.5	59.3



#82

4-Chlorotoluene

Concen: 20.297 ug/l

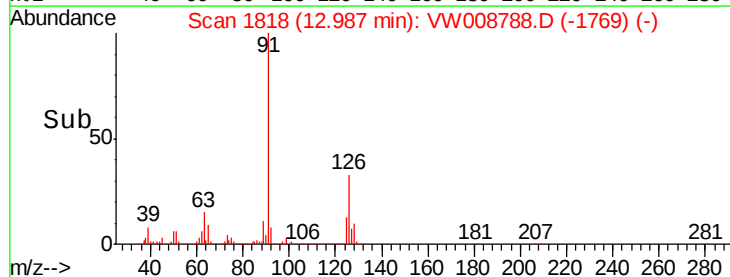
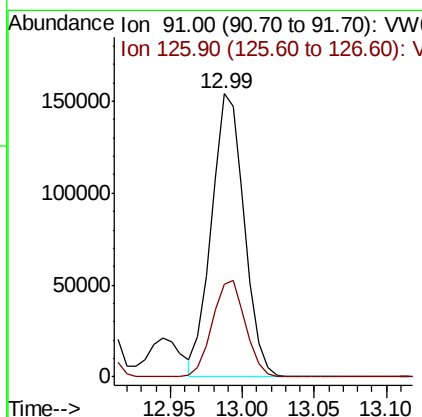
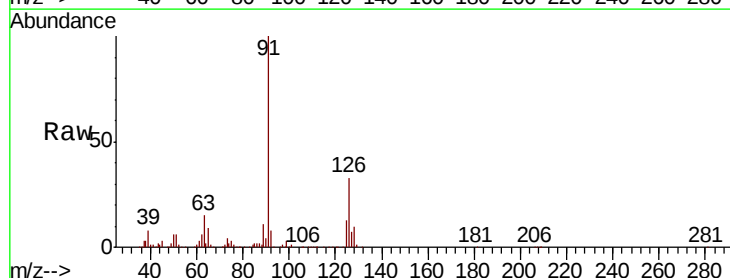
RT: 12.99 min Scan# 1818

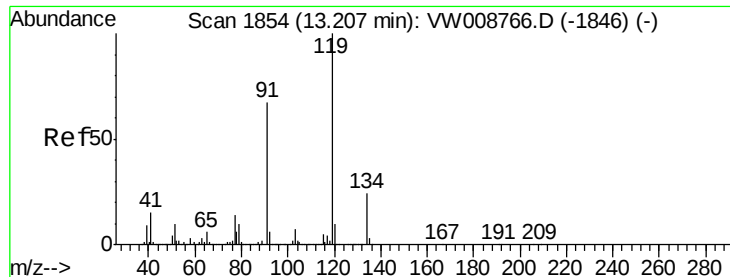
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

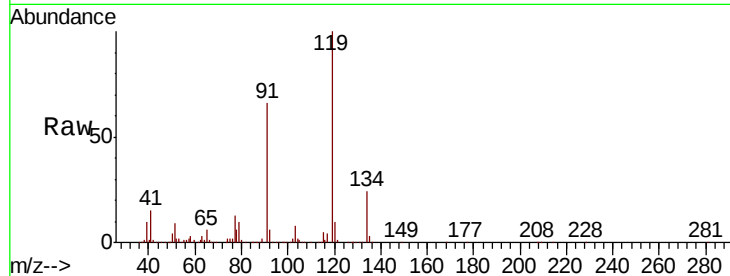
Tgt Ion:	91	Resp:	244492
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.2	51.6



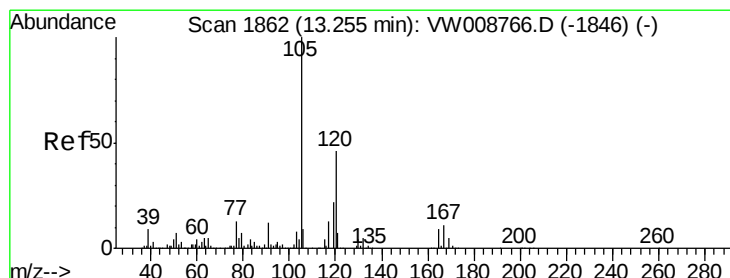
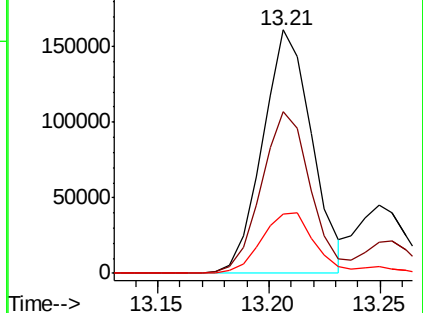
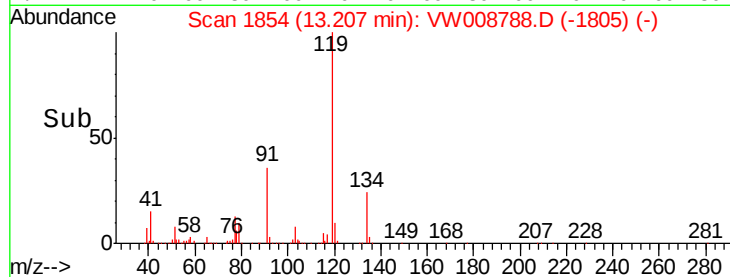


#83
 tert-Butylbenzene
 Concen: 19.943 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.2	33.6	100.8
134	26.6	13.7	41.1

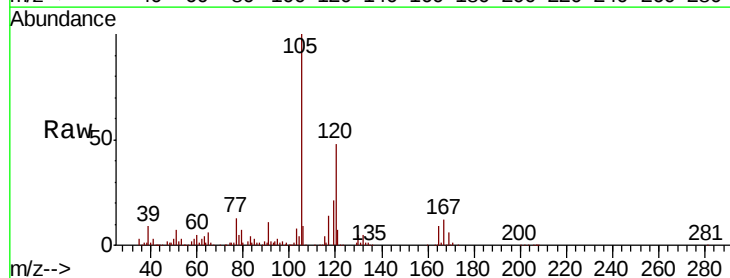


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

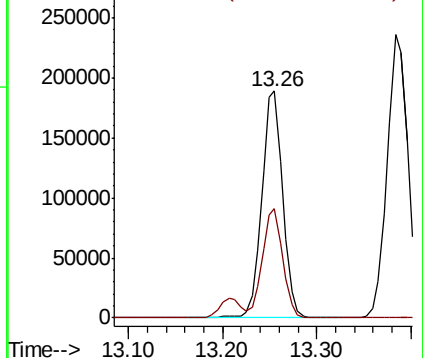
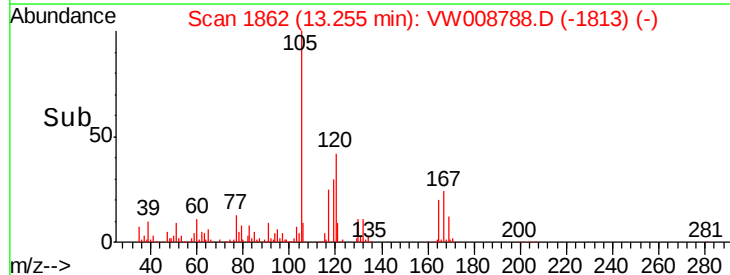


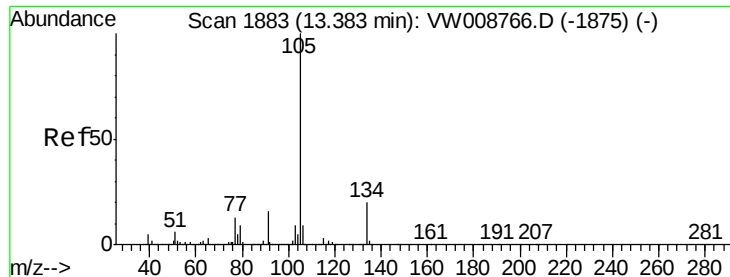
#84
 1,2,4-Trimethylbenzene
 Concen: 19.966 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.8	68.4



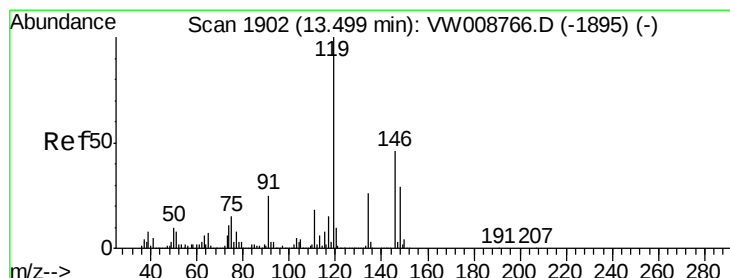
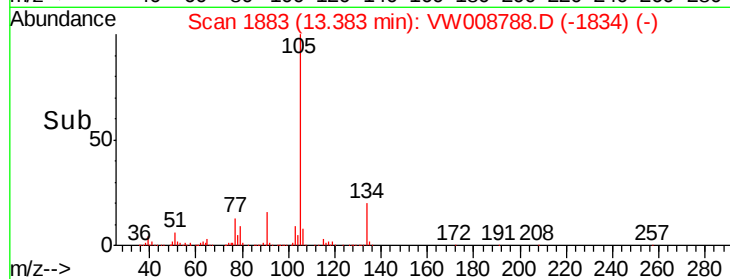
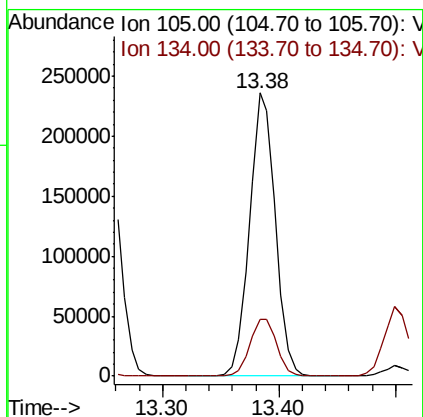
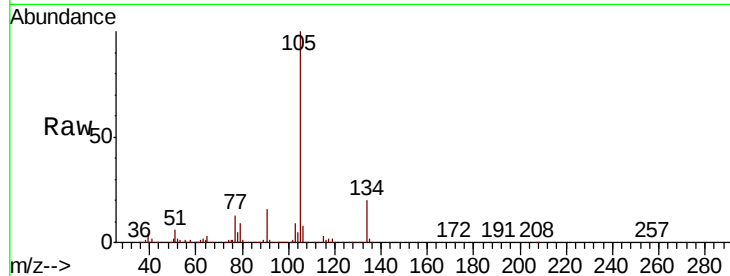
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





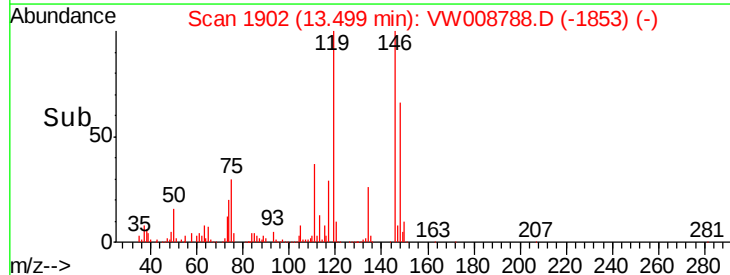
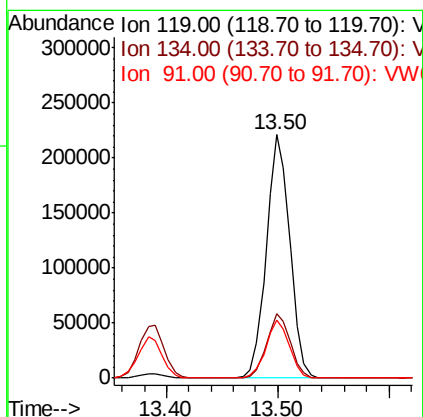
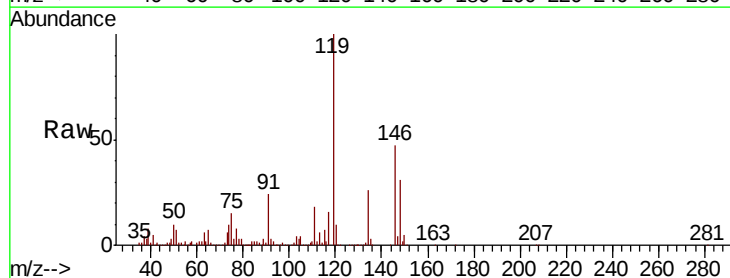
#85
 sec-Butylbenzene
 Concen: 20.373 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

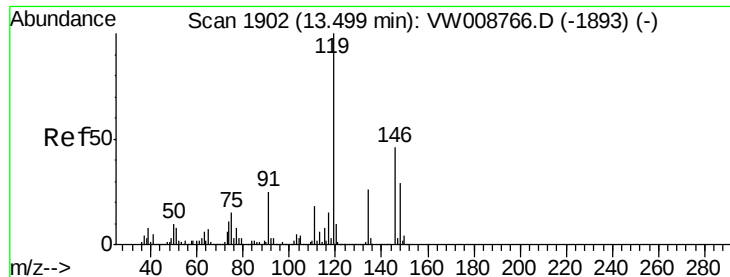
Tgt Ion:105 Resp: 362284
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.977 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

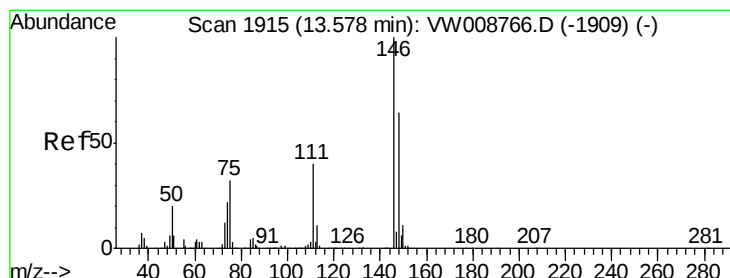
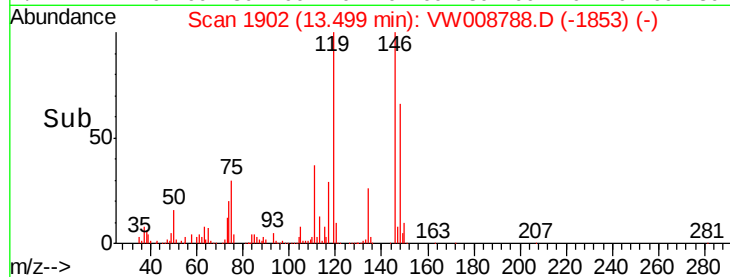
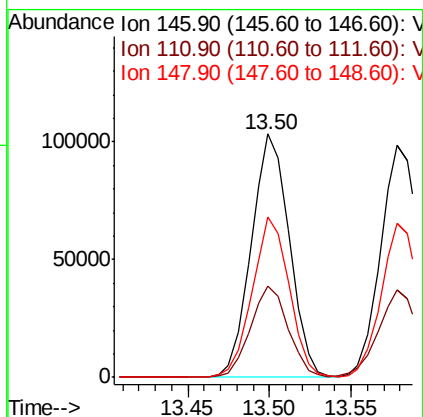
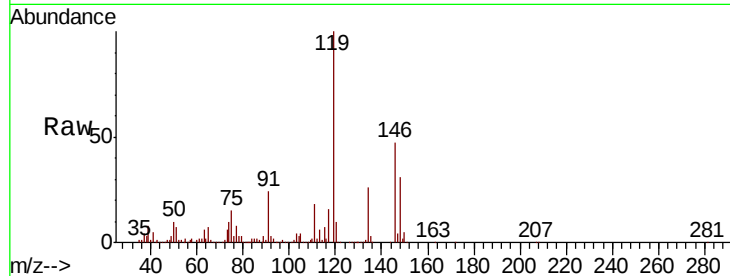
Tgt Ion:119 Resp: 325670
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 23.8 12.1 36.3





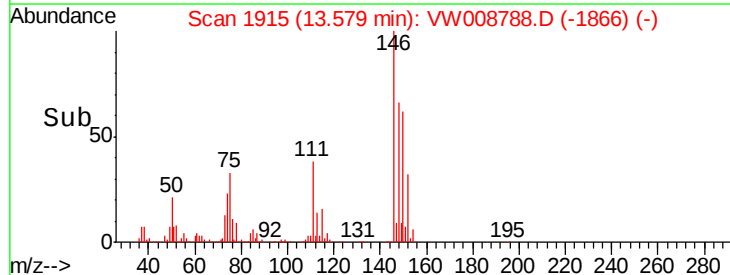
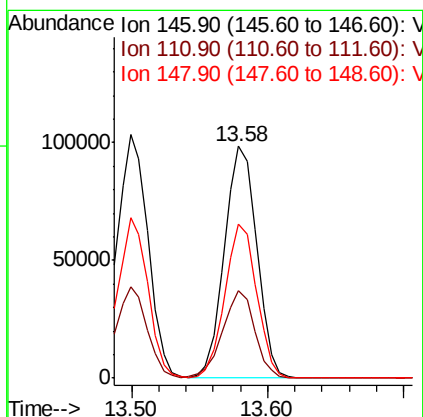
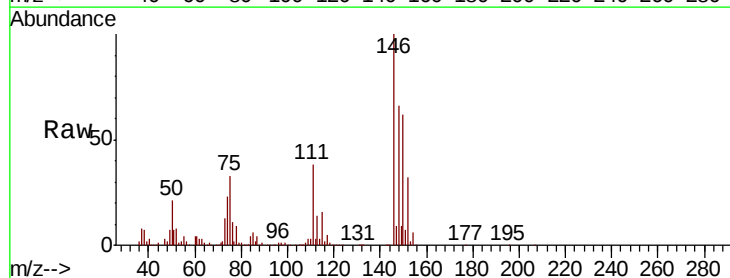
#87
 1,3-Dichlorobenzene
 Concen: 20.680 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

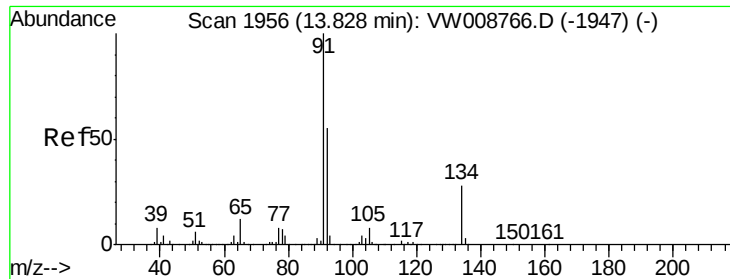
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.9	59.7
148	64.2	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.519 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.3	57.9
148	65.0	31.9	95.9





#89

n-Butylbenzene

Concen: 20.187 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

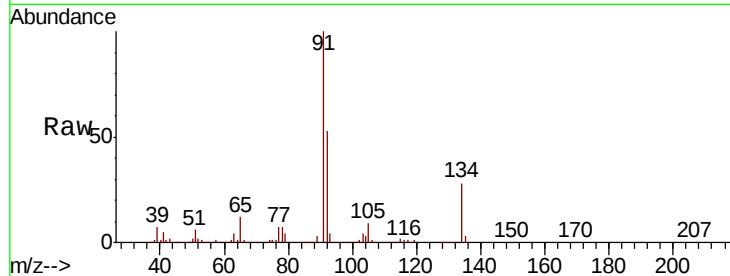
Tgt Ion: 91 Resp: 308306

Ion Ratio Lower Upper

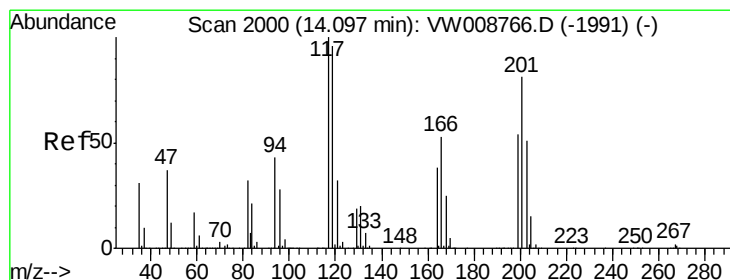
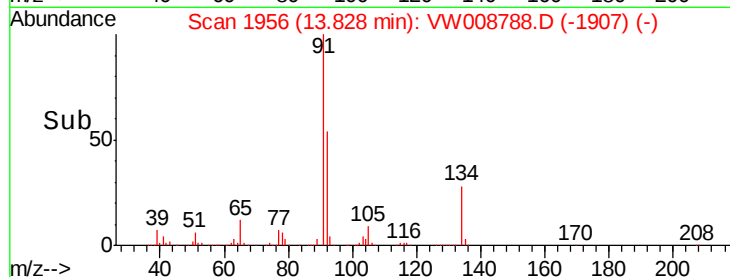
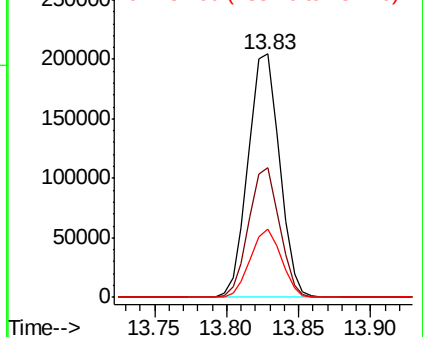
91 100

92 52.3 26.8 80.4

134 27.5 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.154 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008788.D

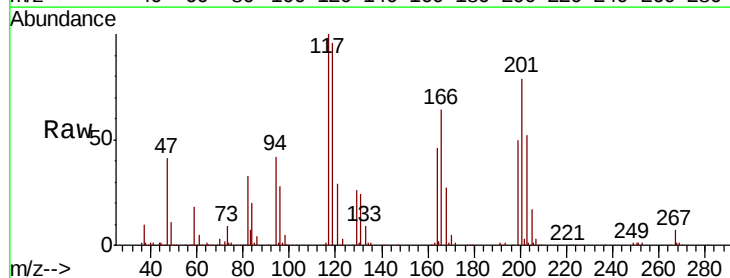
Acq: 22 Feb 2019 14:46

Tgt Ion: 117 Resp: 53787

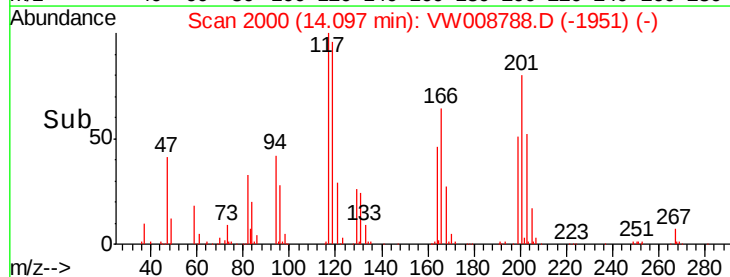
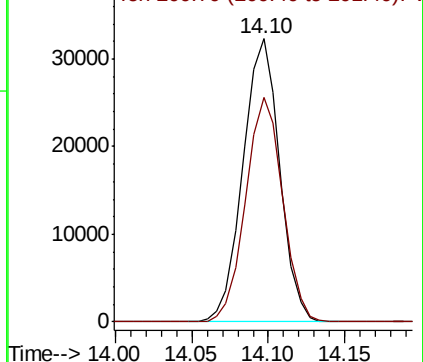
Ion Ratio Lower Upper

117 100

201 80.3 40.3 120.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.460 ug/l

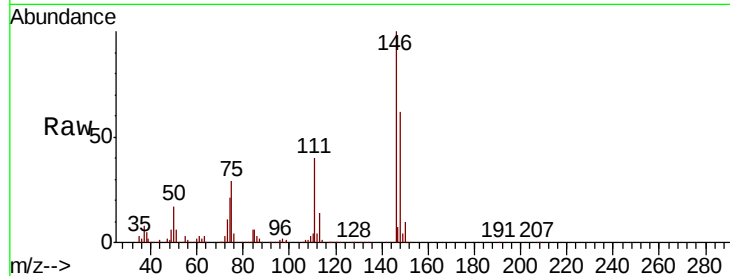
RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

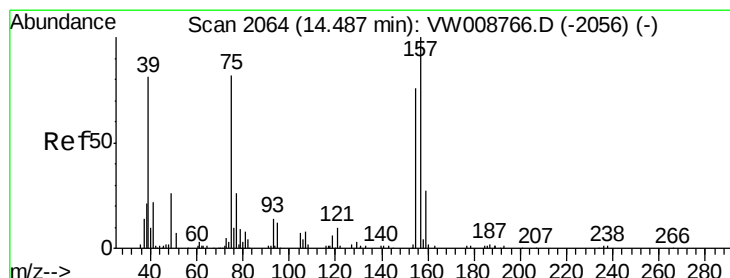
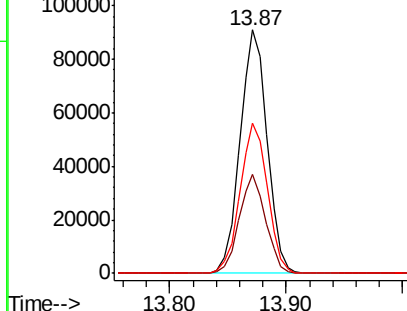
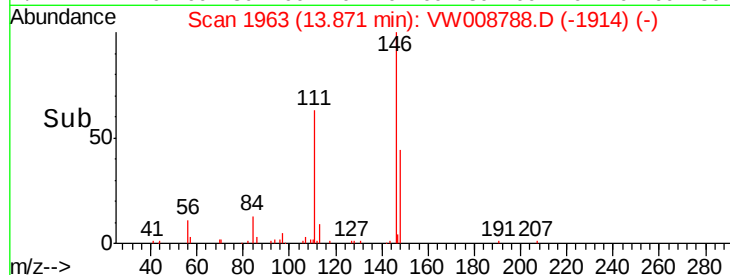
Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion:	146	Resp:	147111
Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	62.7	32.5	97.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.416 ug/l

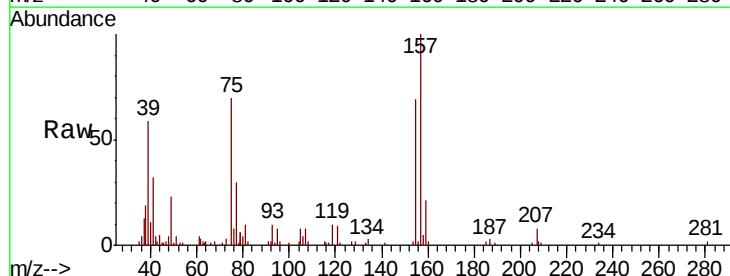
RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

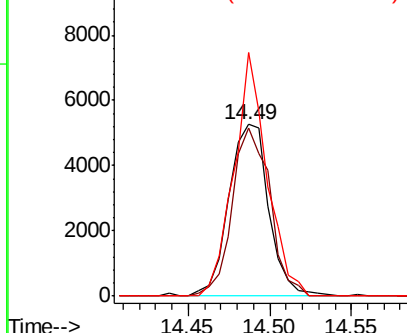
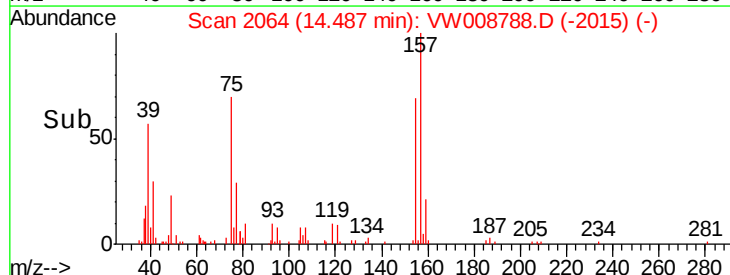
Lab File: VW008788.D

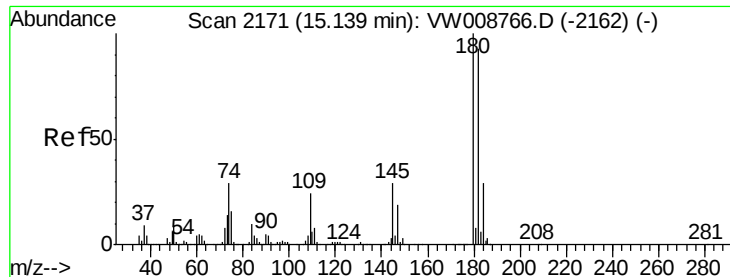
Acq: 22 Feb 2019 14:46

Tgt Ion:	75	Resp:	8959
Ion	Ratio	Lower	Upper
75	100		
155	92.5	41.8	125.4
157	117.1	56.6	169.9



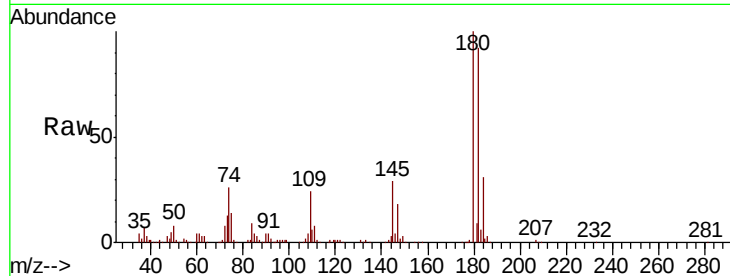
Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



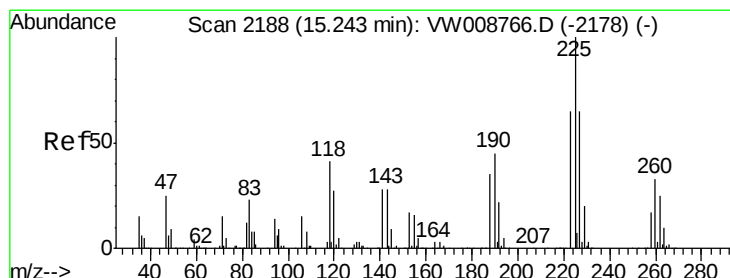
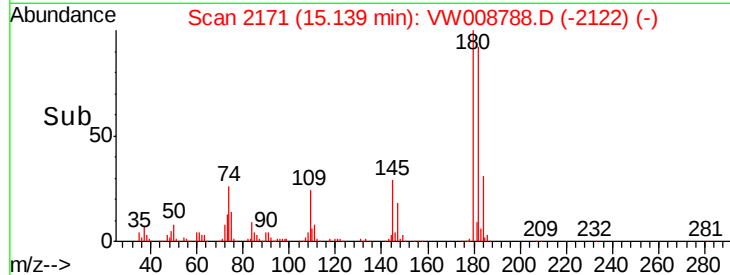
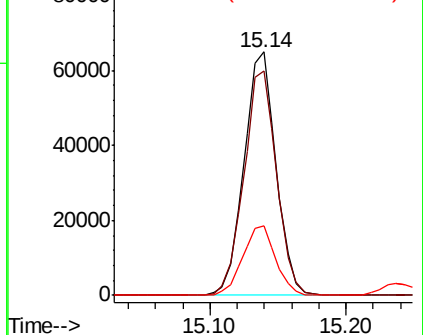


#93
 1,2,4-Trichlorobenzene
 Concen: 20.633 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

Tgt Ion:	180	Resp:	106893
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.2	141.6
145	29.3	14.4	43.0

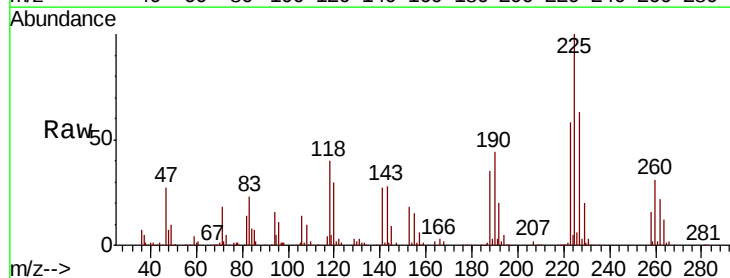


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

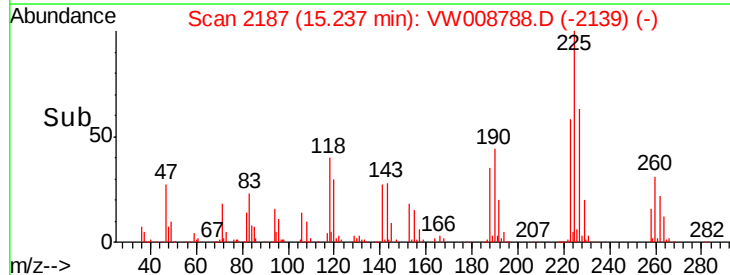
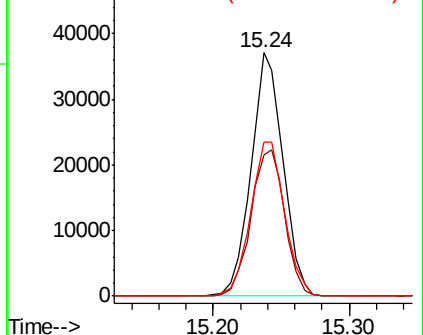


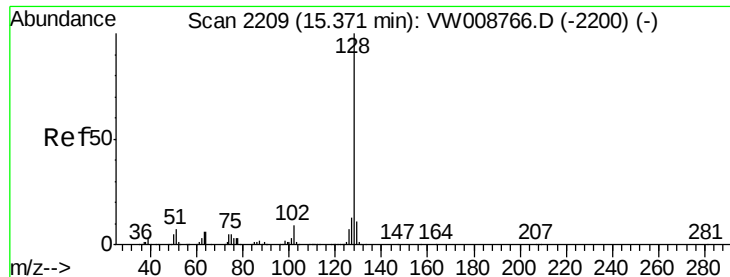
#94
 Hexachlorobutadiene
 Concen: 19.998 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW008788.D
 Acq: 22 Feb 2019 14:46

Tgt Ion:	225	Resp:	61026
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.5	94.5
227	67.4	31.6	94.8



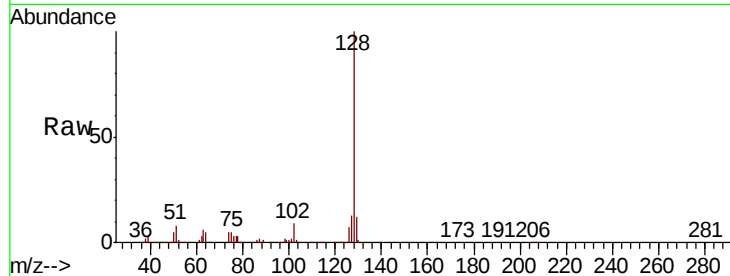
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



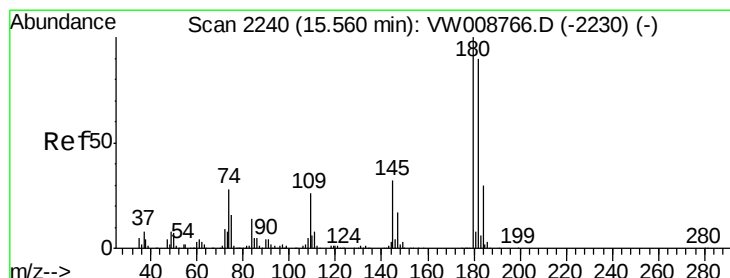
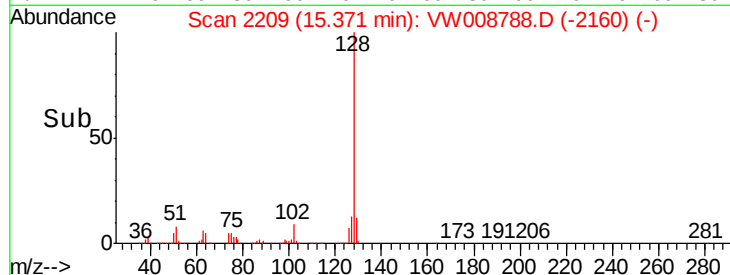
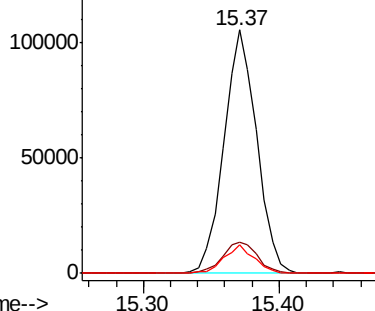


#95
Naphthalene
Concen: 20.246 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion:	128	Resp:	178580
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	10.8	8.7	13.1

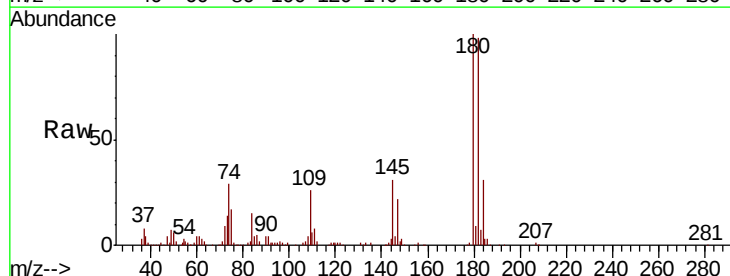


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.310 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008788.D
Acq: 22 Feb 2019 14:46

Tgt Ion:	180	Resp:	90974
Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.8
145	33.2	15.9	47.6



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

