

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022219\
 Data File : VW008787.D
 Acq On : 22 Feb 2019 14:20
 Operator : SY/VA
 Sample : VW0222SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 03:36:32 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	347273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	500086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	468394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	254769	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	159587	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	7.88	113	151336	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	10.32	98	576656	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.62	95	217374	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	63965	18.390	ug/l	100
3) Chloromethane	2.21	50	81721	19.301	ug/l	98
4) Vinyl Chloride	2.35	62	79066	17.638	ug/l	98
5) Bromomethane	2.77	94	79445	23.860	ug/l	100
6) Chloroethane	2.91	64	62742	19.710	ug/l	97
7) Trichlorofluoromethane	3.26	101	114150	20.134	ug/l	90
8) Diethyl Ether	3.68	74	34287	19.102	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70425	20.455	ug/l	99
10) Methyl Iodide	4.26	142	78429	18.217	ug/l	100
11) Tert butyl alcohol	5.21	59	19974m	68.883	ug/l	
12) 1,1-Dichloroethene	4.04	96	61513	20.231	ug/l	96
13) Acrolein	3.90	56	22765	88.322	ug/l	99
14) Allyl chloride	4.67	41	102520	19.536	ug/l	97
15) Acrylonitrile	5.37	53	69587	90.334	ug/l	97
16) Acetone	4.14	43	68201	90.336	ug/l	93
17) Carbon Disulfide	4.37	76	185915	18.429	ug/l	95
18) Methyl Acetate	4.68	43	29828	16.657	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	157556	19.144	ug/l	97
20) Methylene Chloride	4.92	84	83267	19.247	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	68640	19.516	ug/l	95
22) Diisopropyl ether	6.31	45	207412	19.813	ug/l	98
23) Vinyl Acetate	6.26	43	617800	95.517	ug/l	98
24) 1,1-Dichloroethane	6.21	63	119618	19.719	ug/l	98
25) 2-Butanone	7.18	43	92019	87.181	ug/l	97
26) 2,2-Dichloropropane	7.16	77	110696	20.100	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	73686	19.585	ug/l	98
28) Bromochloromethane	7.51	49	50276	19.805	ug/l #	97
29) Tetrahydrofuran	7.53	42	56783	84.418	ug/l	98
30) Chloroform	7.67	83	124468	20.001	ug/l	94
31) Cyclohexane	7.95	56	122463	19.944	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	113276	20.015	ug/l	98
36) 1,1-Dichloropropene	8.08	75	100841	20.715	ug/l	99
37) Ethyl Acetate	7.26	43	41129	18.169	ug/l	97
38) Carbon Tetrachloride	8.07	117	103497	20.160	ug/l	97

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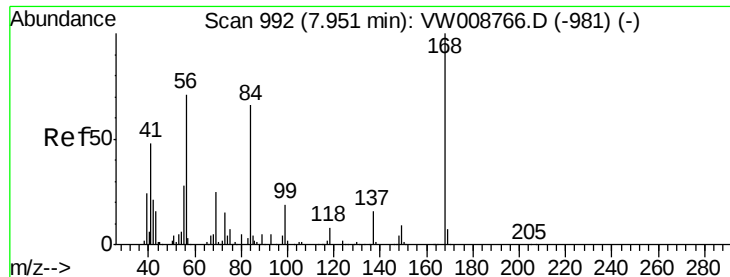
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	118033	19.439	ug/l	97
40) Benzene	8.32	78	268718	20.218	ug/l	100
41) Methacrylonitrile	7.49	41	25258	18.982	ug/l	94
42) 1,2-Dichloroethane	8.40	62	82248	19.535	ug/l	97
43) Isopropyl Acetate	8.42	43	82574	18.277	ug/l	100
44) Trichloroethene	9.09	130	75007	20.033	ug/l	98
45) 1,2-Dichloropropane	9.37	63	64091	19.513	ug/l	95
46) Dibromomethane	9.46	93	35225	19.281	ug/l	99
47) Bromodichloromethane	9.64	83	88229	19.849	ug/l	94
48) Methyl methacrylate	9.43	41	36590	16.910	ug/l	98
49) 1,4-Dioxane	9.47	88	9003	307.725	ug/l #	71
51) 4-Methyl-2-Pentanone	10.21	43	197701	86.190	ug/l	97
52) Toluene	10.38	92	178136	19.748	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	86205	19.027	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	103346	20.000	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	50455	20.364	ug/l	95
56) Ethyl methacrylate	10.65	69	59055	18.346	ug/l	97
57) 1,3-Dichloropropane	10.93	76	83789	19.154	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	160340	99.039	ug/l	100
59) 2-Hexanone	10.97	43	141776	86.830	ug/l	99
60) Dibromochloromethane	11.13	129	58367	19.314	ug/l	100
61) 1,2-Dibromoethane	11.24	107	46828	19.094	ug/l	99
64) Tetrachloroethene	10.86	164	68353	20.387	ug/l	99
65) Chlorobenzene	11.66	112	195355	19.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	65826	19.766	ug/l	98
67) Ethyl Benzene	11.73	91	349346	19.842	ug/l	99
68) m/p-Xylenes	11.84	106	279061	39.669	ug/l	100
69) o-Xylene	12.16	106	128826	19.511	ug/l	100
70) Styrene	12.18	104	205205	19.317	ug/l	99
71) Bromoform	12.35	173	32594	18.208	ug/l #	99
73) Isopropylbenzene	12.46	105	347684	19.907	ug/l	99
74) N-amyl acetate	12.27	43	76503	17.389	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	54047	18.939	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	38188m	18.155	ug/l	
77) Bromobenzene	12.75	156	83007	20.112	ug/l	99
78) n-propylbenzene	12.80	91	427091	19.991	ug/l	98
79) 2-Chlorotoluene	12.90	91	242769	20.014	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	296958	19.565	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16016	18.511	ug/l	99
82) 4-Chlorotoluene	12.99	91	255042	19.953	ug/l	98
83) tert-Butylbenzene	13.21	119	260285	19.833	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	303391	19.310	ug/l	99
85) sec-Butylbenzene	13.38	105	379274	20.099	ug/l	100
86) p-Isopropyltoluene	13.50	119	334628	19.343	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	168735	19.705	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	172280	20.413	ug/l	99
89) n-Butylbenzene	13.83	91	318152	19.631	ug/l	100
90) Hexachloroethane	14.10	117	56562	19.973	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	150713	19.753	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9249	17.916	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	105312	19.156	ug/l	98
94) Hexachlorobutadiene	15.24	225	66328	20.483	ug/l	100
95) Naphthalene	15.37	128	167785	17.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	91538	19.258	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008787.D

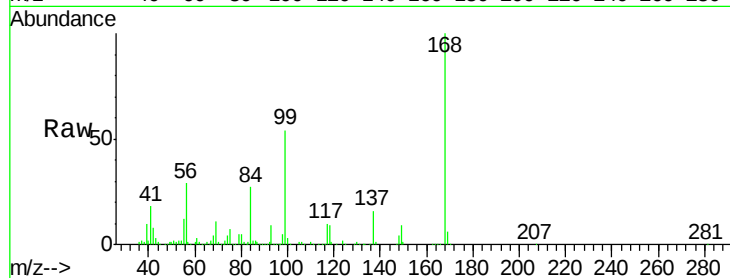
Acq: 22 Feb 2019 14:20

Tot Ion:168 Resp: 347273

Ion Ratio Lower Upper

168 100

99 54.1 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

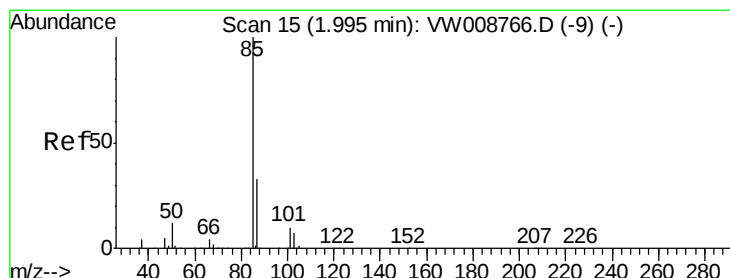
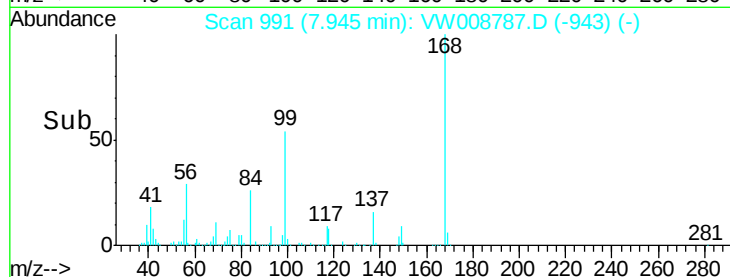
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 18.390 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW008787.D

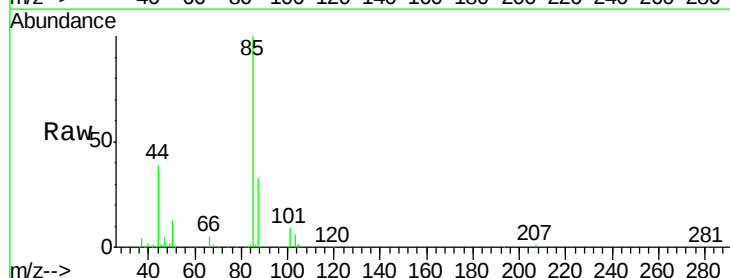
Acq: 22 Feb 2019 14:20

Tgt Ion: 85 Resp: 63965

Ion Ratio Lower Upper

85 100

87 32.6 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

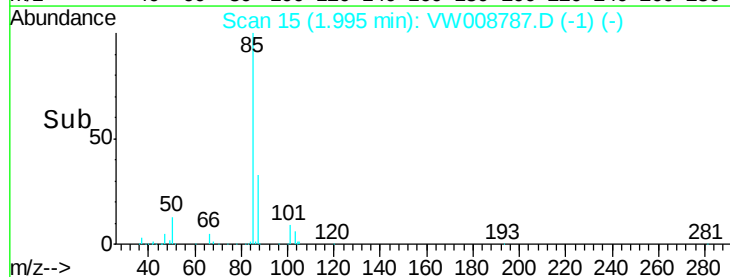
30000

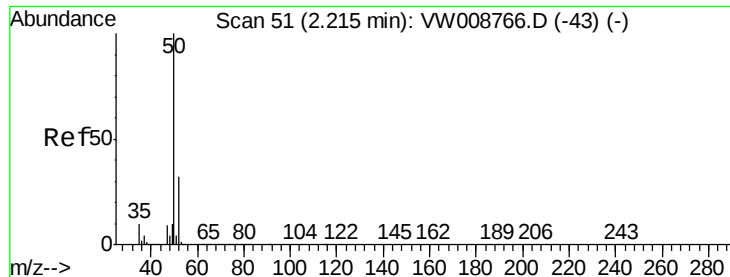
20000

10000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 19.301 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008787.D

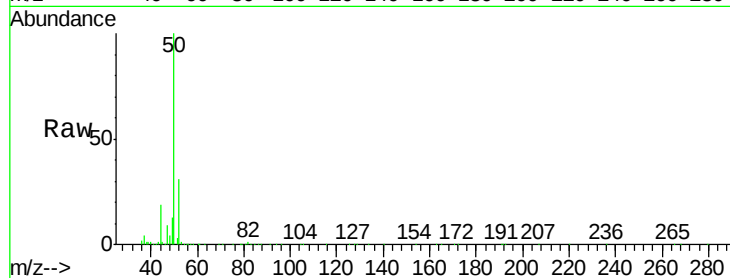
Acq: 22 Feb 2019 14:20

Tot Ion: 50 Resp: 81721

Ion Ratio Lower Upper

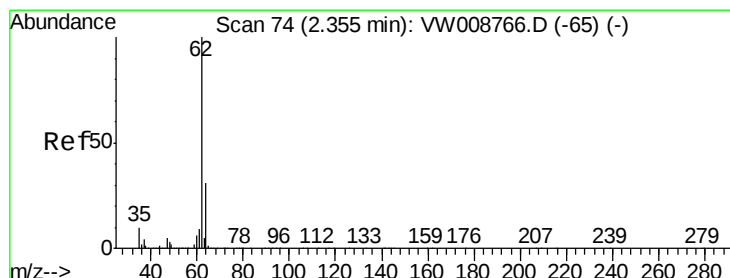
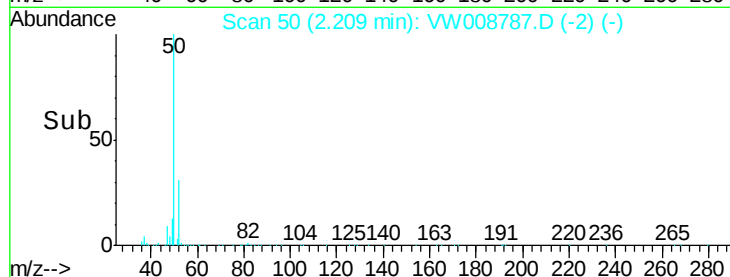
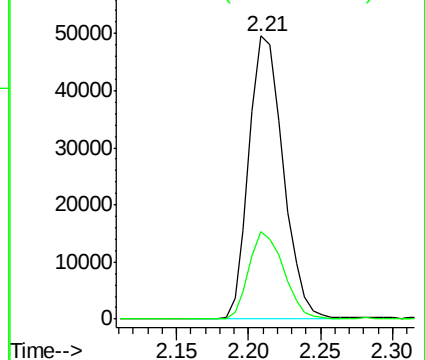
50 100

52 31.1 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: 17.638 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008787.D

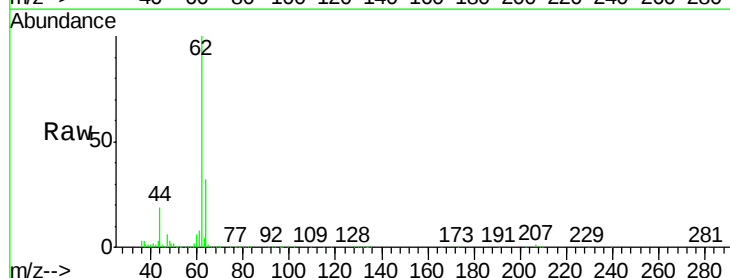
Acq: 22 Feb 2019 14:20

Tgt Ion: 62 Resp: 79066

Ion Ratio Lower Upper

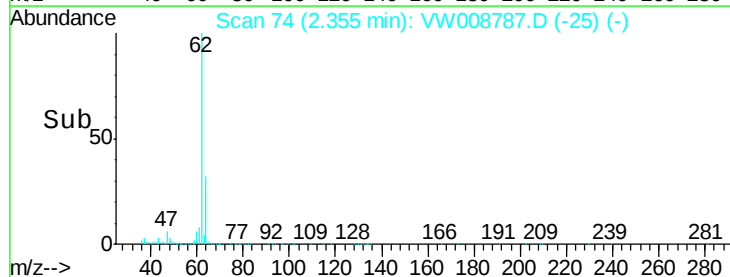
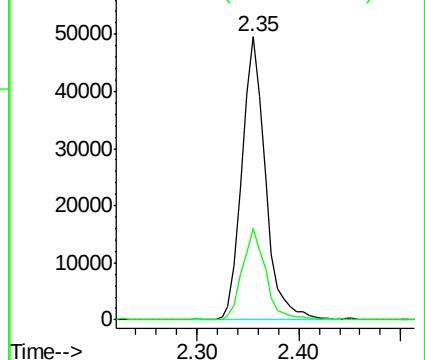
62 100

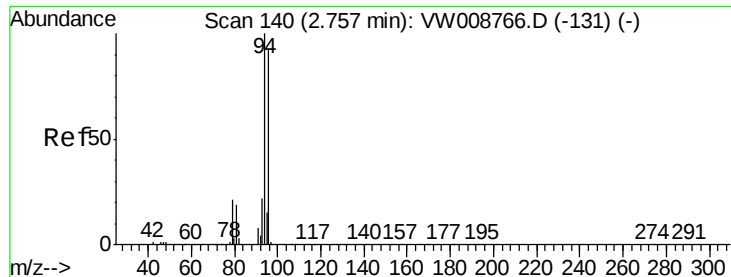
64 32.0 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 23.860 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.01 min

Lab File: VW008787.D

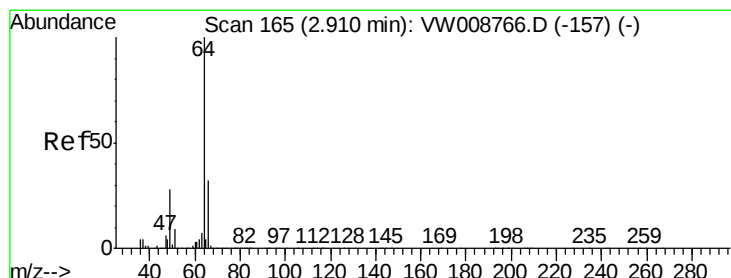
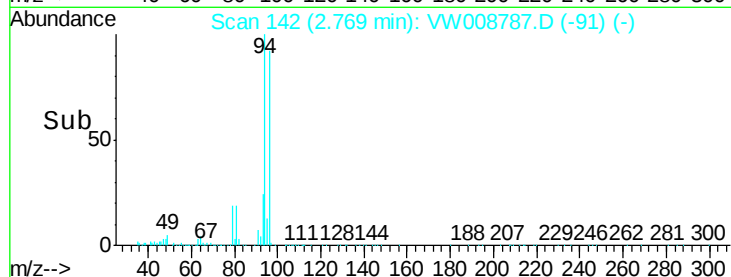
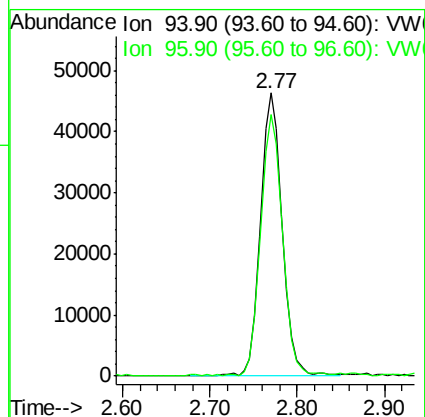
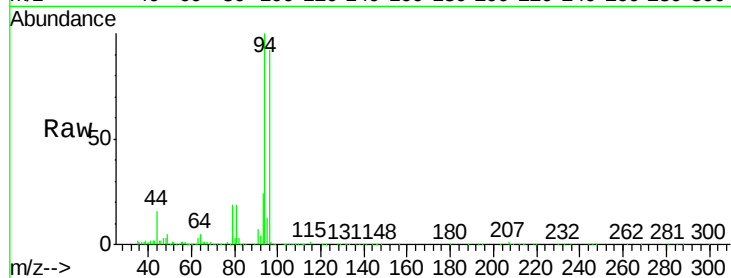
Acq: 22 Feb 2019 14:20

Tot Ion: 94 Resp: 79445

Ion Ratio Lower Upper

94 100

96 92.1 73.4 110.2



#6

Chloroethane

Concen: 19.710 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW008787.D

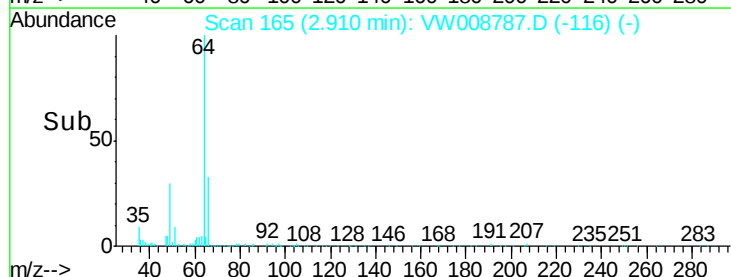
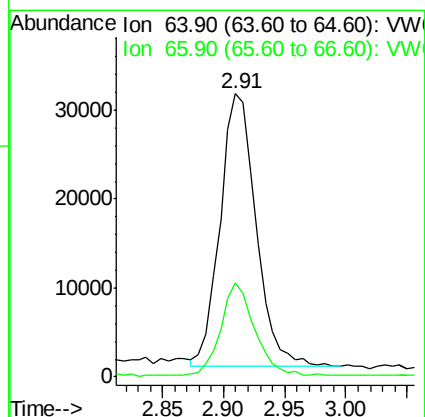
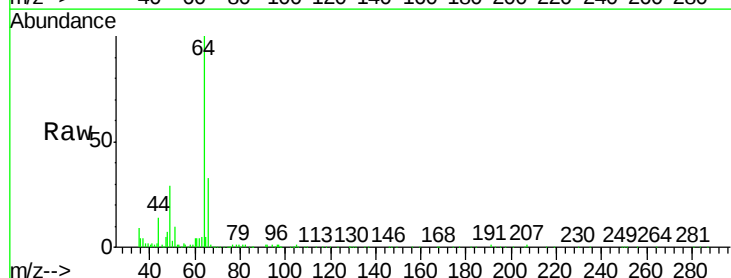
Acq: 22 Feb 2019 14:20

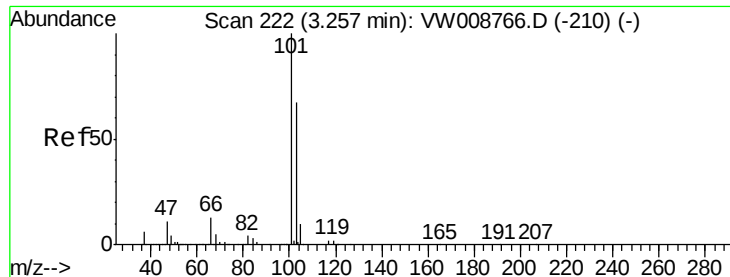
Tgt Ion: 64 Resp: 62742

Ion Ratio Lower Upper

64 100

66 33.8 25.5 38.3

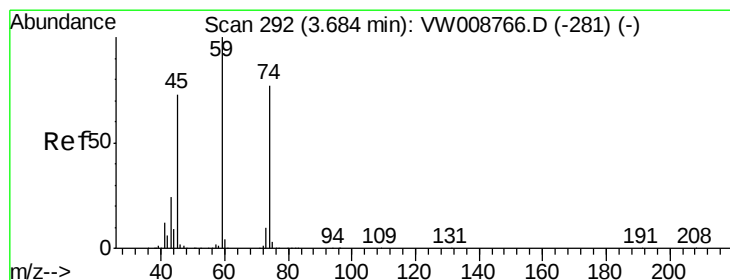
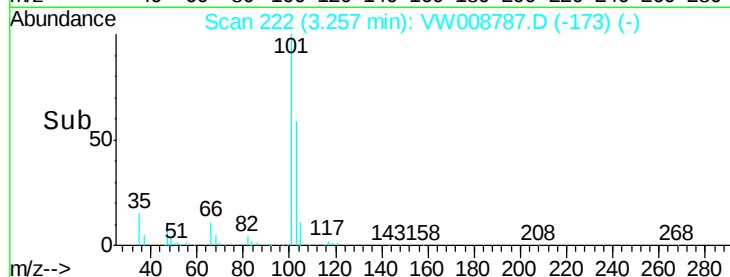
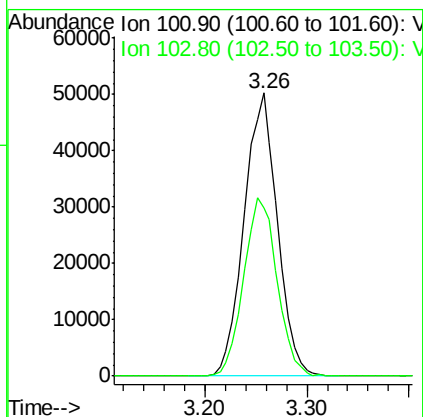
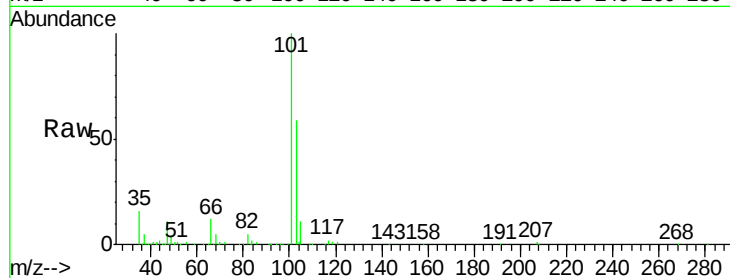




#7

Trichlorofluoromethane
Concen: 20.134 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

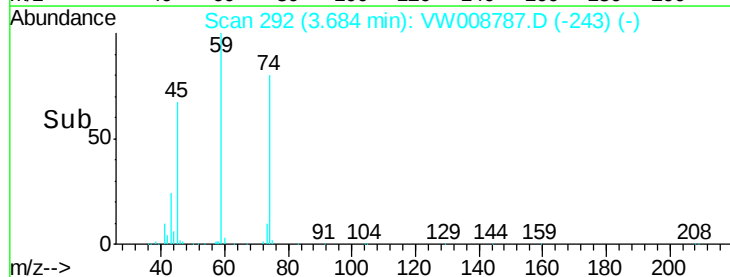
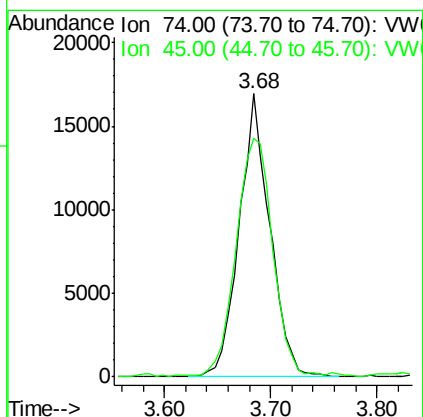
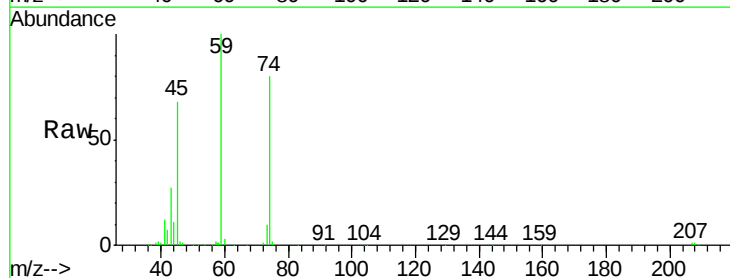
Tot Ion	Ratio	Lower	Upper
101	100		
103	59.3	53.9	80.9

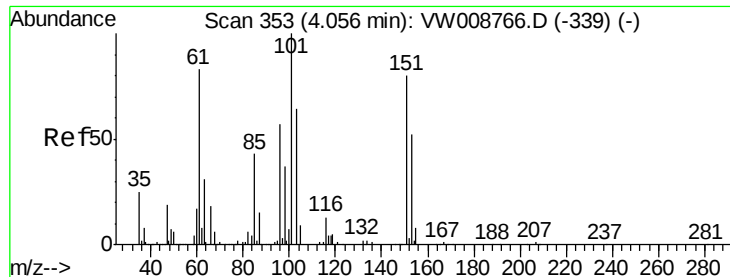


#8

Diethyl Ether
Concen: 19.102 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	50.2	150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.455 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

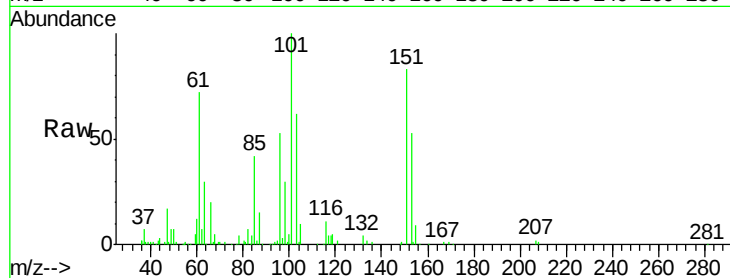
Tot Ion:101 Resp: 70425

Ion Ratio Lower Upper

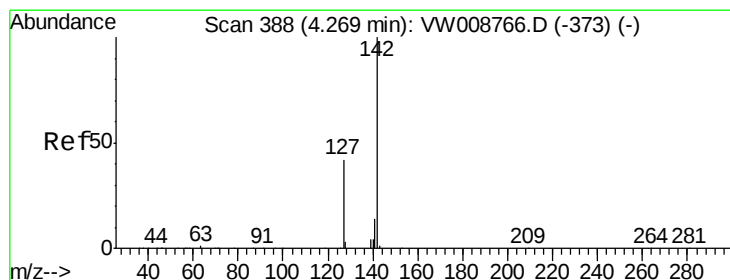
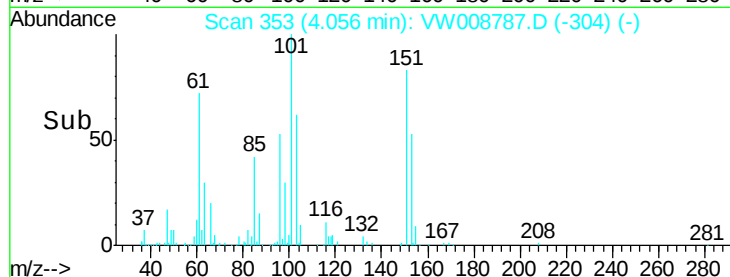
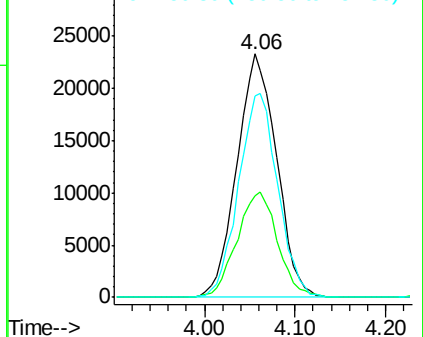
101 100

85 44.5 36.0 54.0

151 83.1 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.217 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

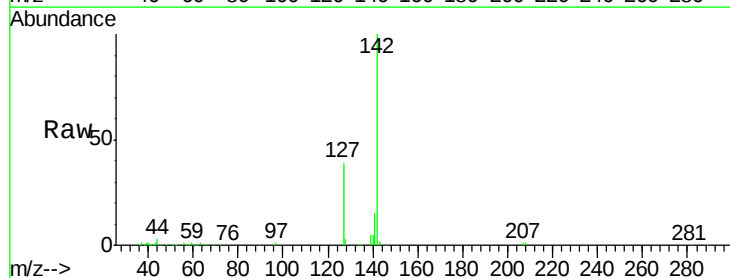
Tgt Ion:142 Resp: 78429

Ion Ratio Lower Upper

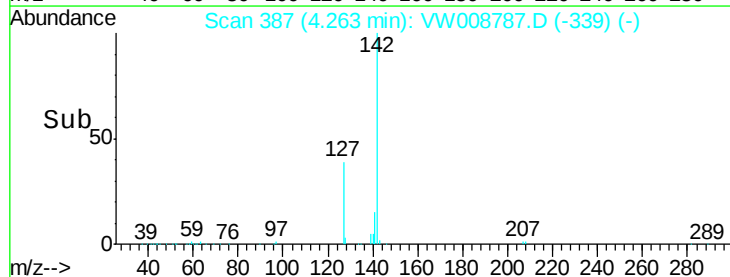
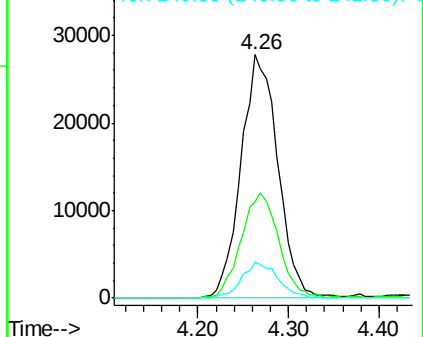
142 100

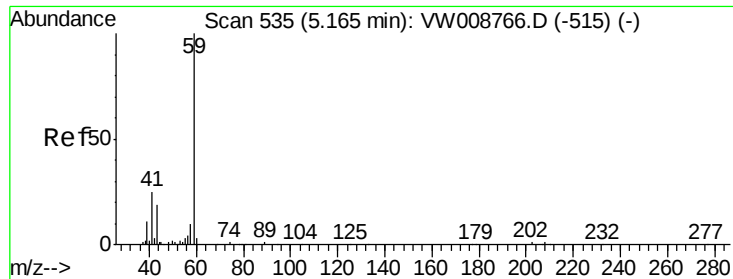
127 44.0 35.3 52.9

141 14.7 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 68.883 ug/l m

RT: 5.21 min Scan# 543

Delta R.T. 0.05 min

Lab File: VW008787.D

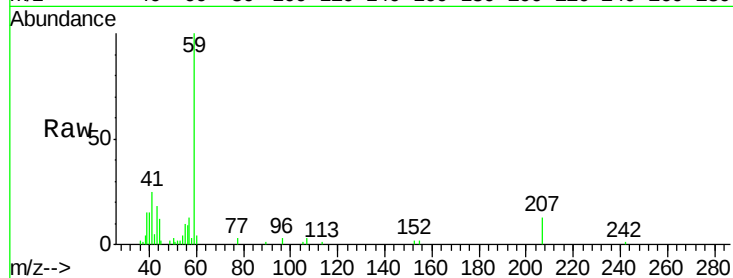
Acq: 22 Feb 2019 14:20

Tot Ion: 59 Resp: 19974

Ion Ratio Lower Upper

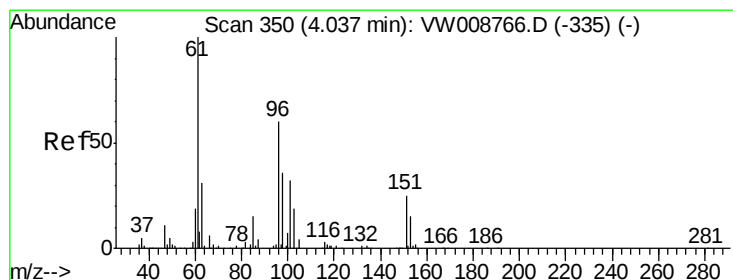
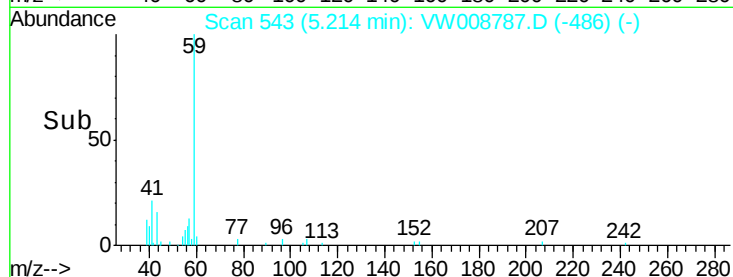
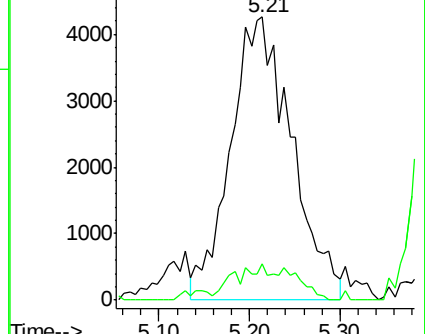
59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 20.231 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

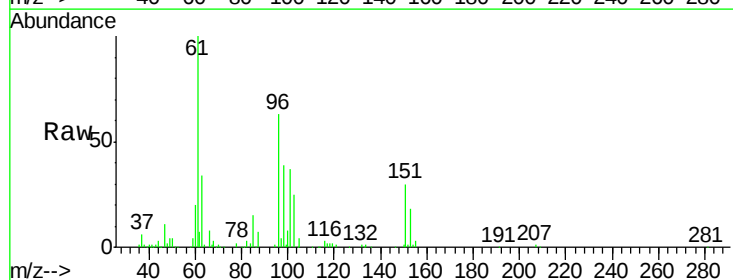
Tgt Ion: 96 Resp: 61513

Ion Ratio Lower Upper

96 100

61 159.1 132.5 198.7

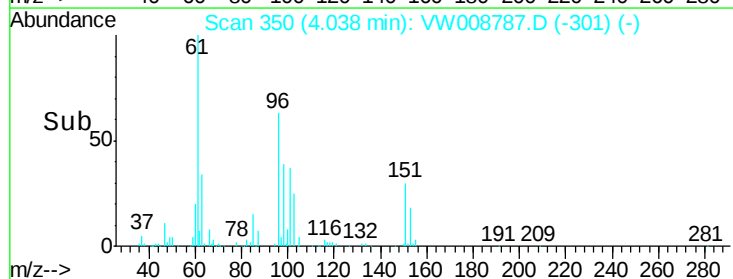
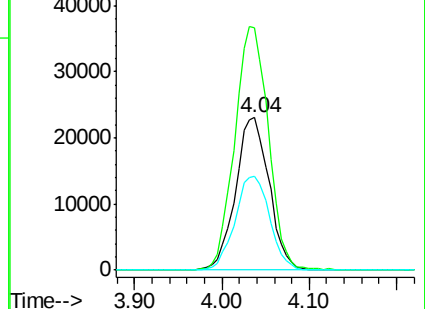
98 61.4 48.2 72.4

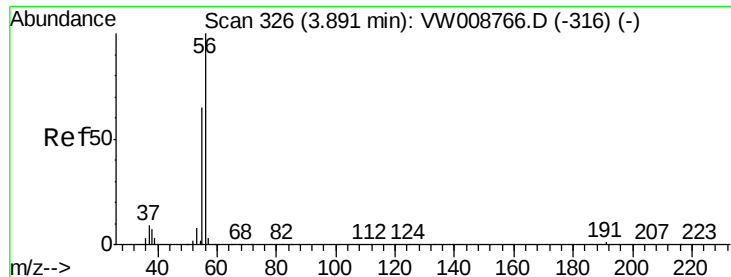


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 88.322 ug/l

RT: 3.90 min Scan# 328

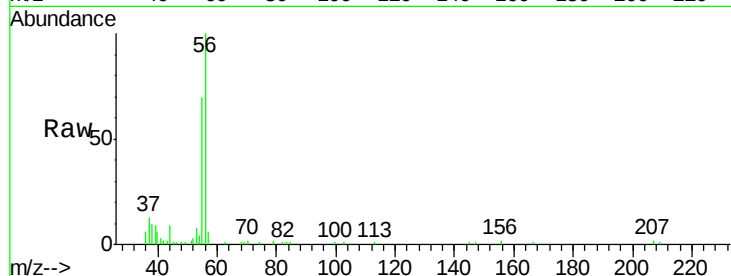
Delta R.T. 0.01 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

Tot Ion: 56 Resp: 22765

Ion	Ratio	Lower	Upper
56	100		
55	70.6	56.9	85.3

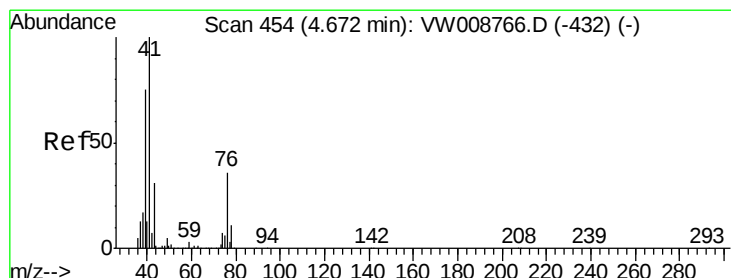
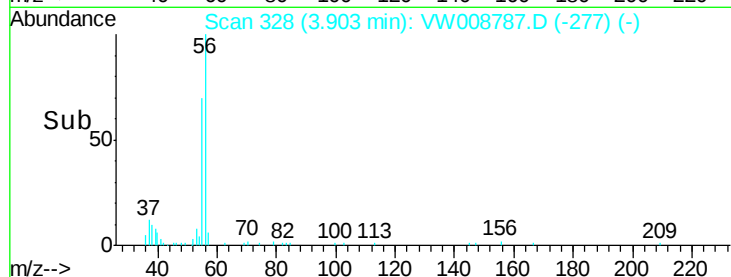


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

Time-->



#14

Allyl chloride

Concen: 19.536 ug/l

RT: 4.67 min Scan# 454

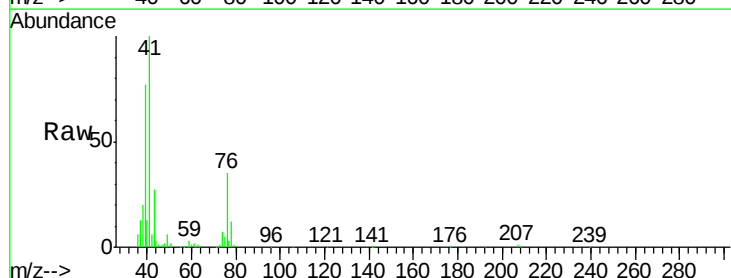
Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

Tgt Ion: 41 Resp: 102520

Ion	Ratio	Lower	Upper
41	100		
39	78.8	60.6	91.0
76	35.0	28.6	42.8



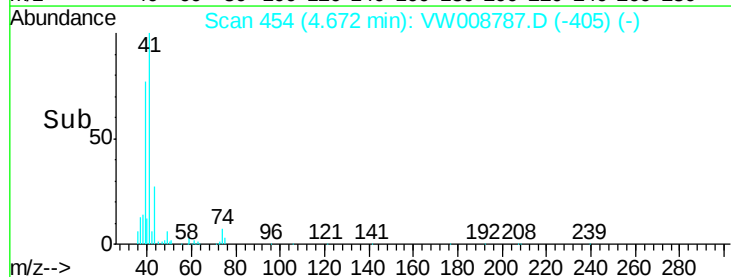
Abundance Ion 41.00 (40.70 to 41.70): VW

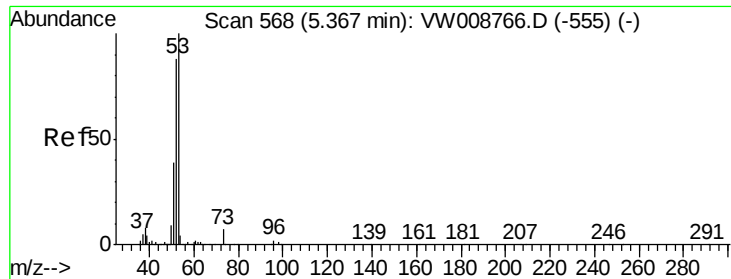
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

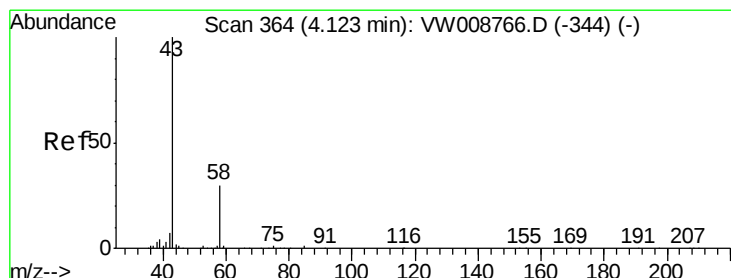
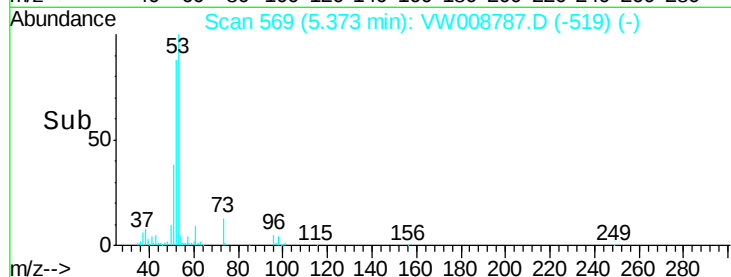
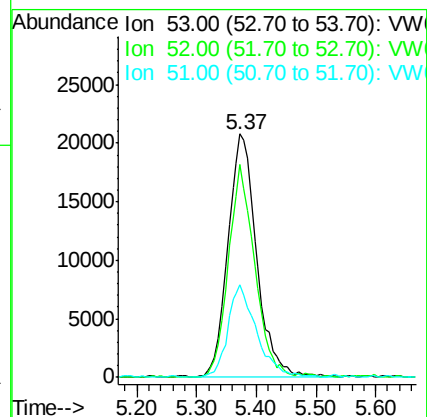
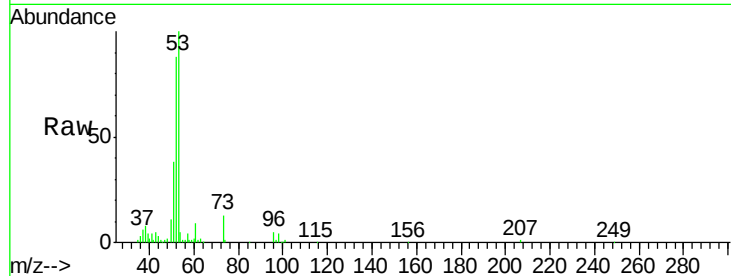
Time-->





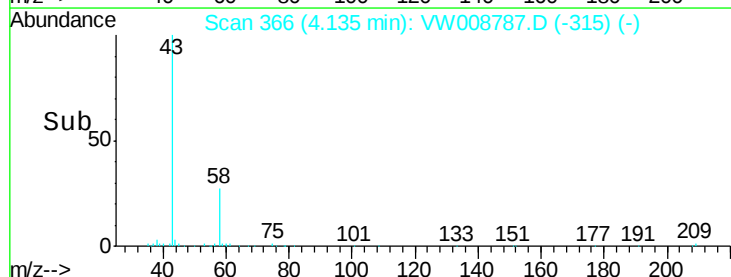
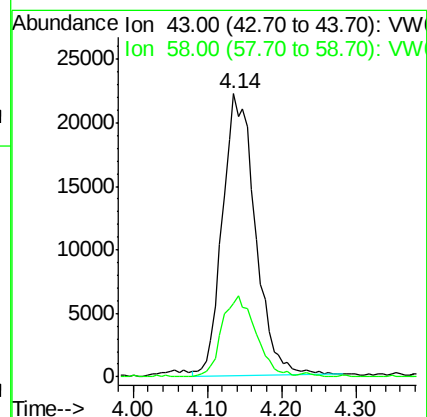
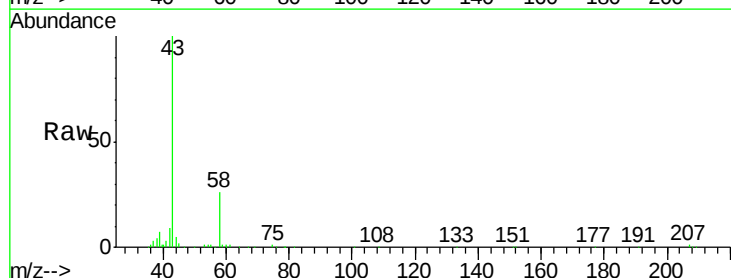
#15
Acrylonitrile
Concen: 90.334 ug/l
RT: 5.37 min Scan# 569
Delta R.T. 0.01 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

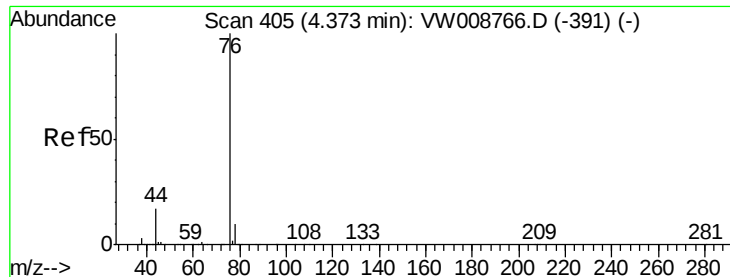
Tot Ion	Ratio	Lower	Upper
53	100		
52	80.3	67.2	100.8
51	38.0	31.1	46.7



#16
Acetone
Concen: 90.336 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.1	23.8	35.6





#17

Carbon Disulfide

Concen: 18.429 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008787.D

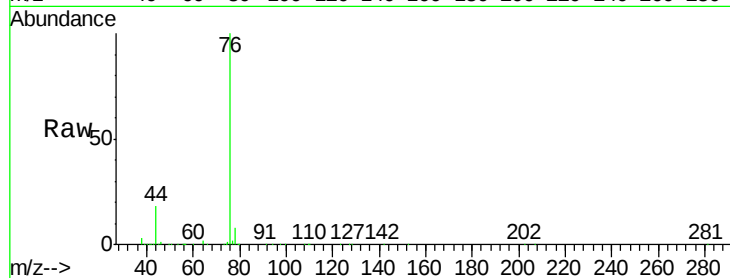
Acq: 22 Feb 2019 14:20

Tot Ion: 76 Resp: 185915

Ion Ratio Lower Upper

76 100

78 8.1 7.8 11.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

60000

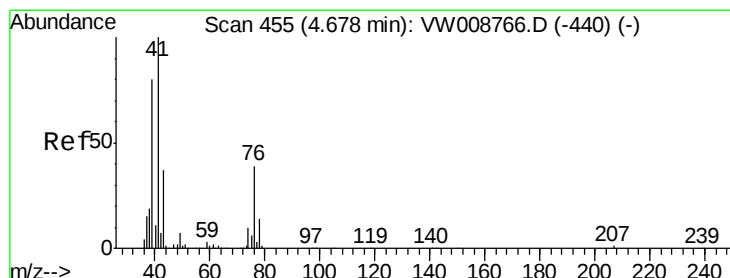
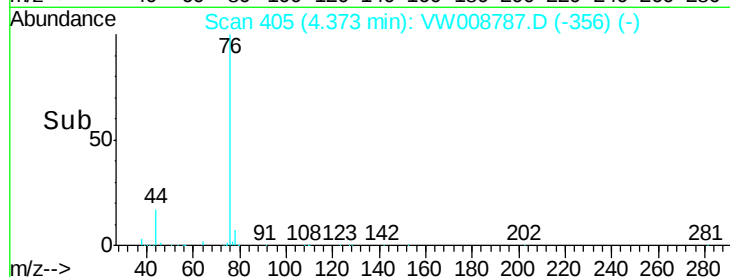
40000

20000

0

Time-->

4.30 4.40 4.50



#18

Methyl Acetate

Concen: 16.657 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW008787.D

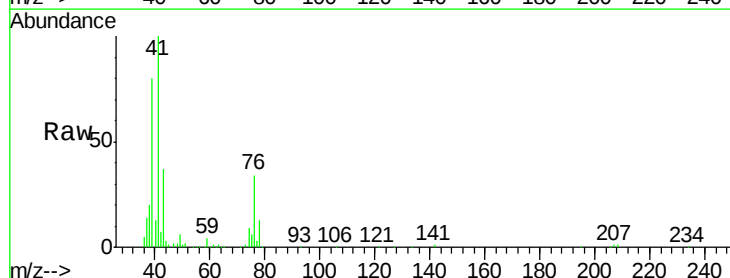
Acq: 22 Feb 2019 14:20

Tgt Ion: 43 Resp: 29828

Ion Ratio Lower Upper

43 100

74 26.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

12000

10000

8000

6000

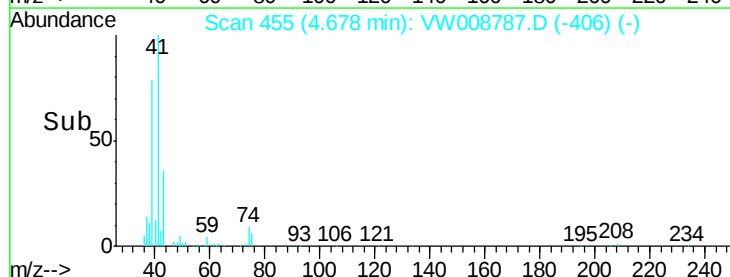
4000

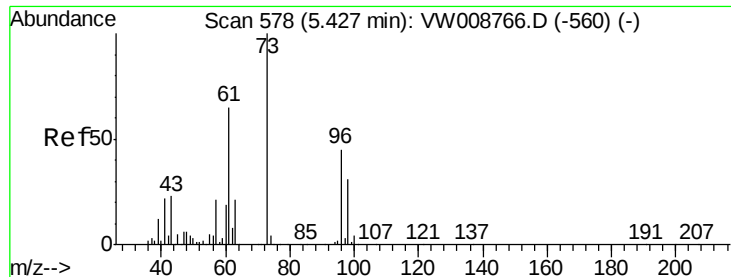
2000

0

Time-->

4.60 4.70 4.80

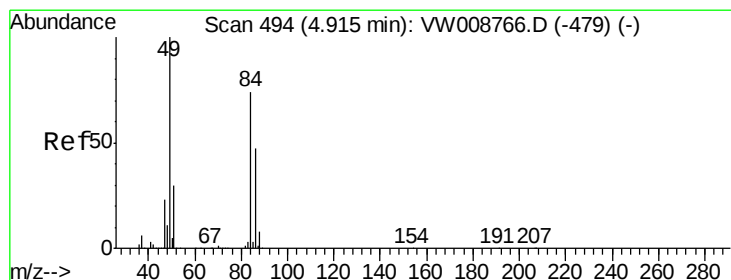
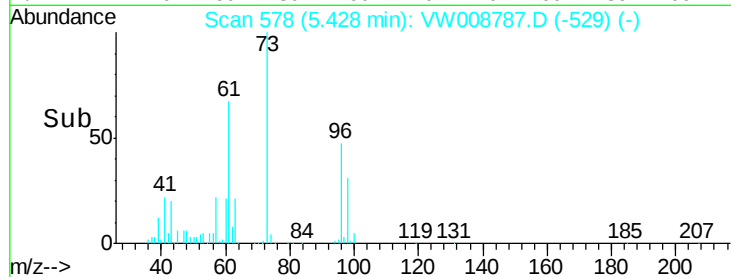
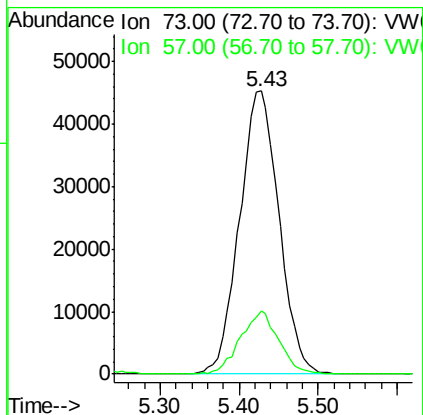
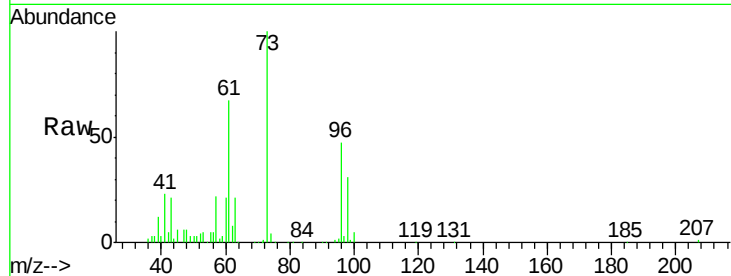




#19

Methyl tert-butyl Ether
 Concen: 19.144 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

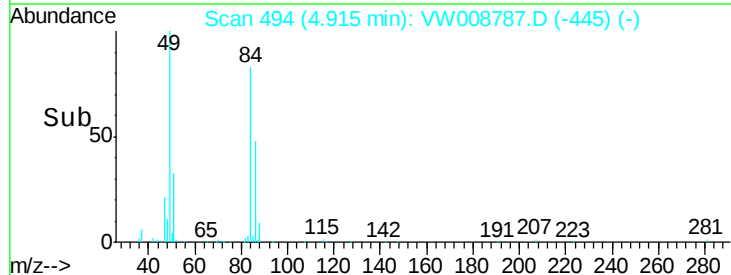
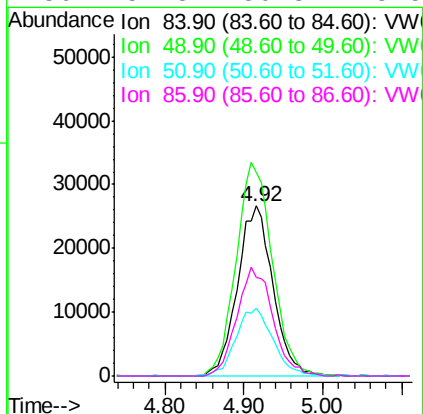
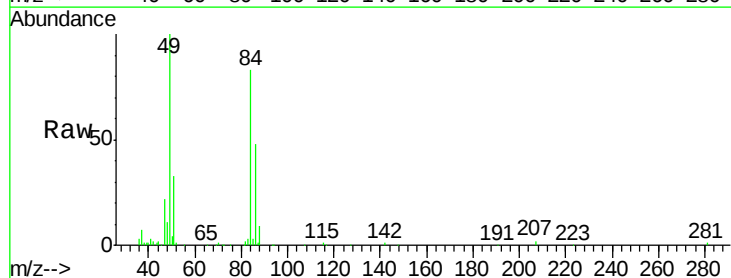
Tot Ion: 73 Resp: 157556
 Ion Ratio Lower Upper
 73 100
 57 22.2 16.8 25.2

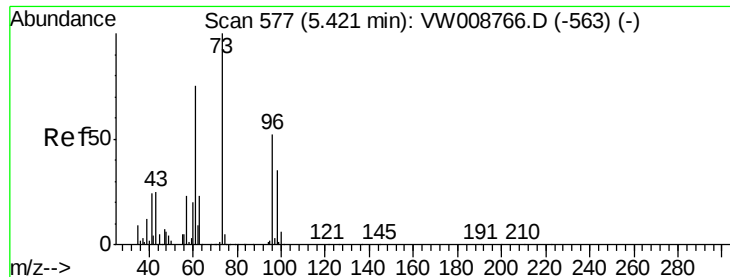


#20

Methylene Chloride
 Concen: 19.247 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

Tgt Ion: 84 Resp: 83267
 Ion Ratio Lower Upper
 84 100
 49 119.9 108.2 162.2
 51 40.1 32.7 49.1
 86 57.8 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.516 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

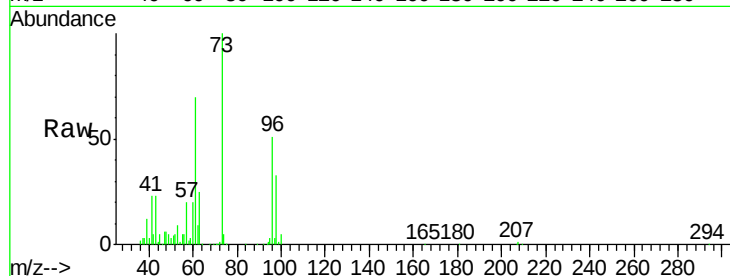
Tot Ion: 96 Resp: 68640

Ion Ratio Lower Upper

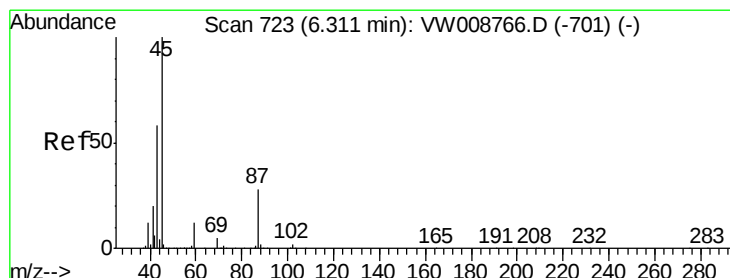
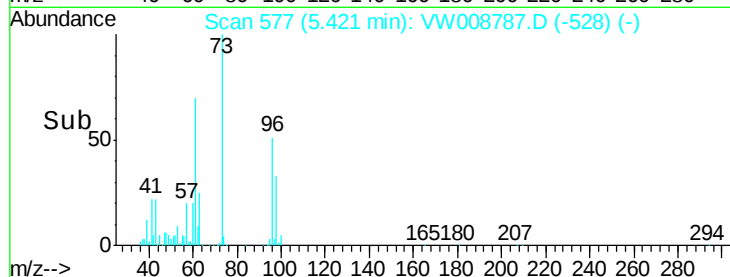
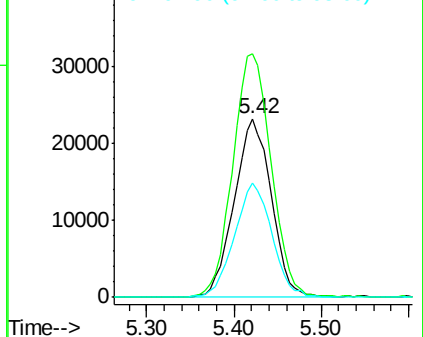
96 100

61 136.0 114.6 171.8

98 64.4 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: 19.813 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

Tgt Ion: 45 Resp: 207412

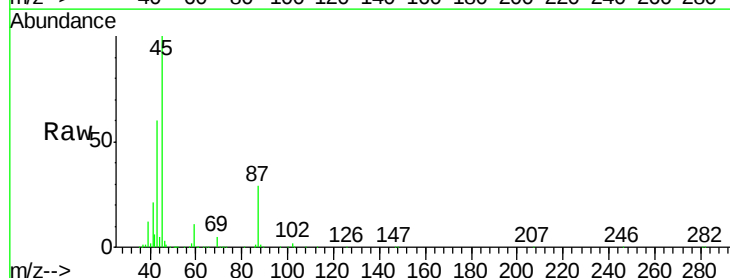
Ion Ratio Lower Upper

45 100

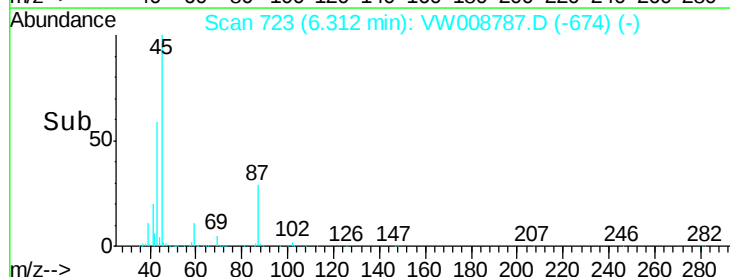
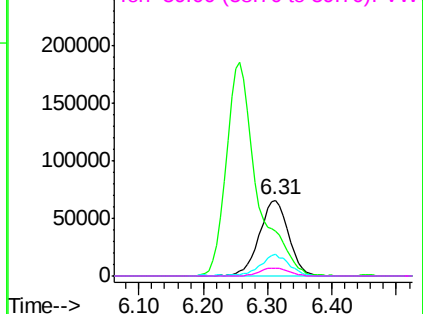
43 59.4 46.1 69.1

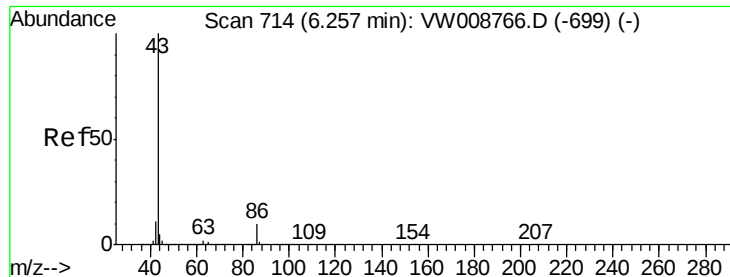
87 28.7 22.2 33.4

59 10.9 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: 95.517 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008787.D

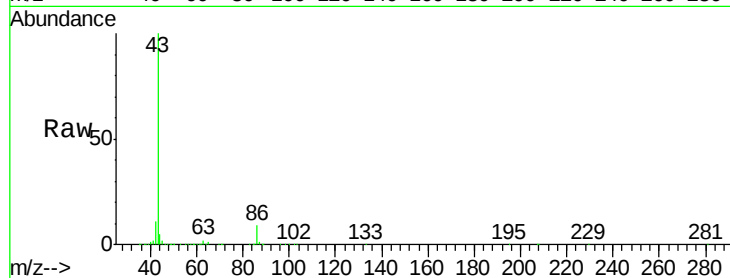
Acq: 22 Feb 2019 14:20

Tot Ion: 43 Resp: 617800

Ion Ratio Lower Upper

43 100

86 9.3 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

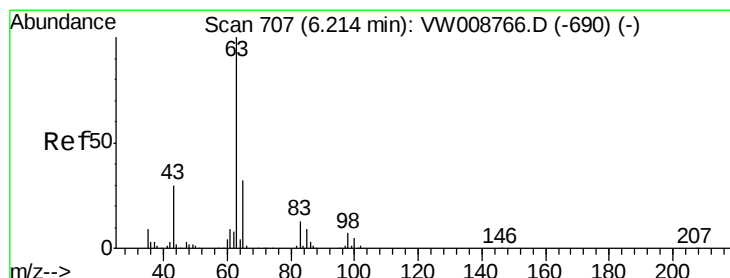
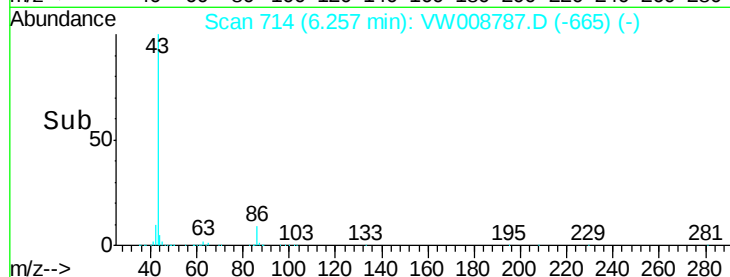
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 19.719 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

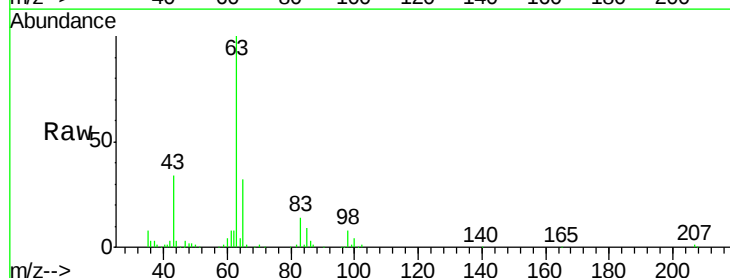
Tgt Ion: 63 Resp: 119618

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.6

100 4.3 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

6.21

50000

40000

30000

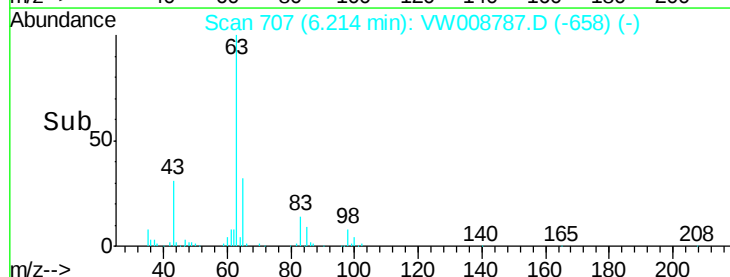
20000

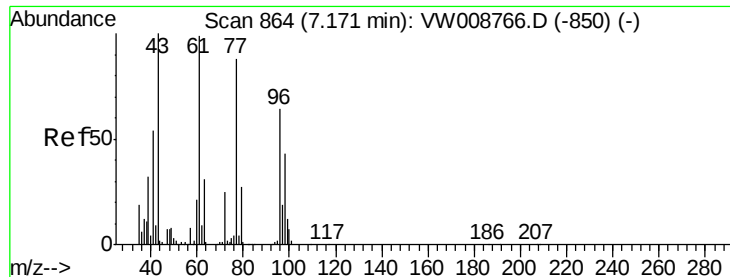
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 87.181 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008787.D

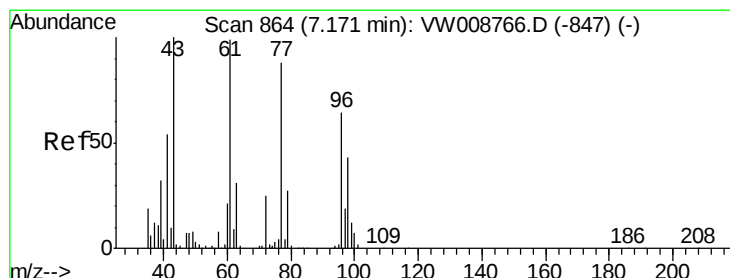
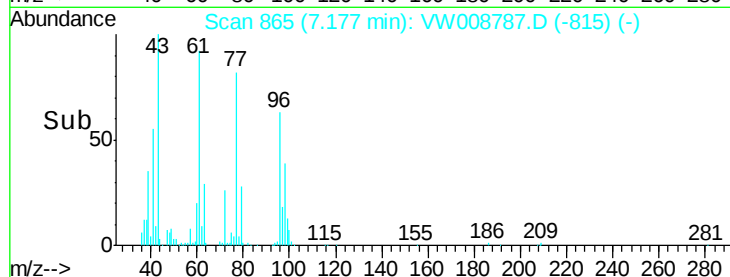
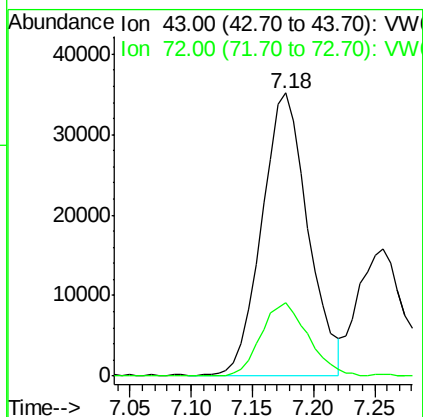
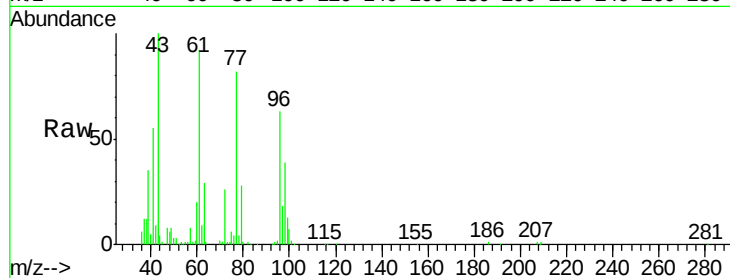
Acq: 22 Feb 2019 14:20

Tot Ion: 43 Resp: 92019

Ion Ratio Lower Upper

43 100

72 26.1 19.7 29.5



#26

2,2-Dichloropropane

Concen: 20.100 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008787.D

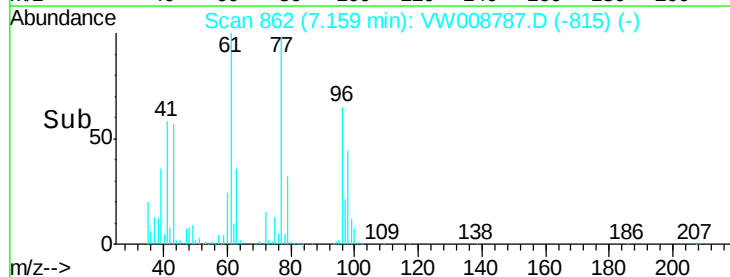
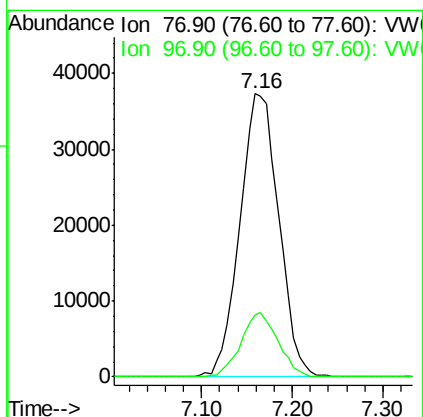
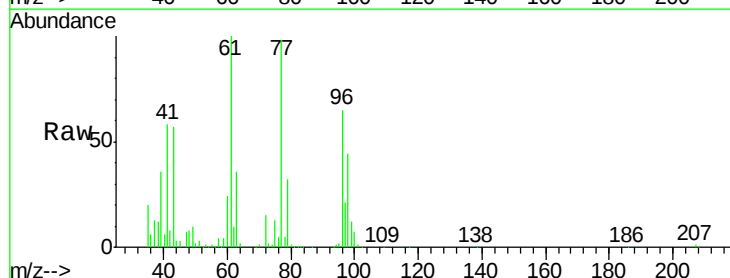
Acq: 22 Feb 2019 14:20

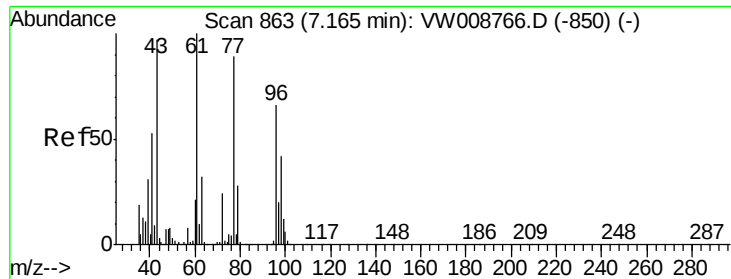
Tgt Ion: 77 Resp: 110696

Ion Ratio Lower Upper

77 100

97 21.6 11.0 33.0

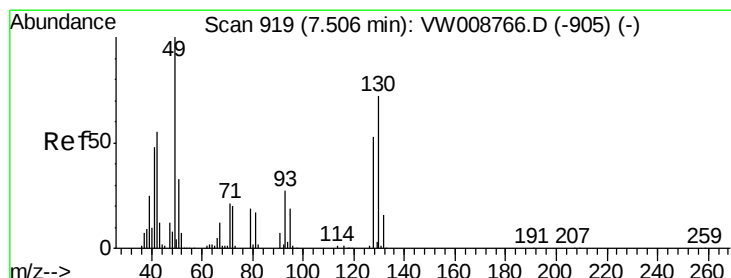
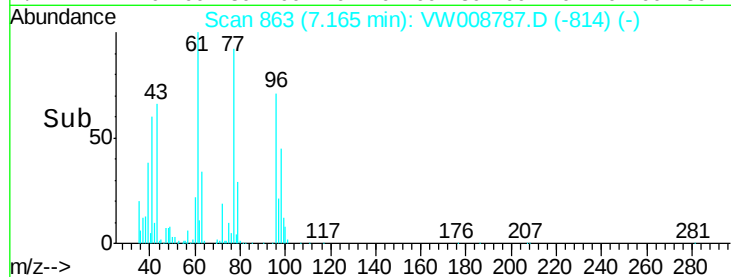
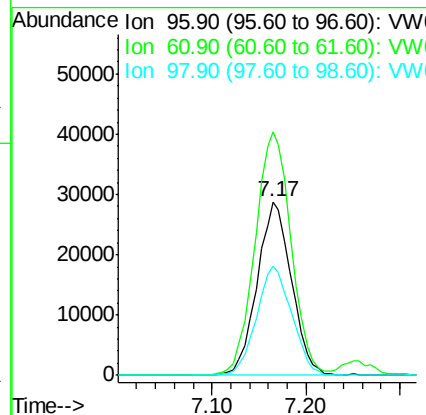
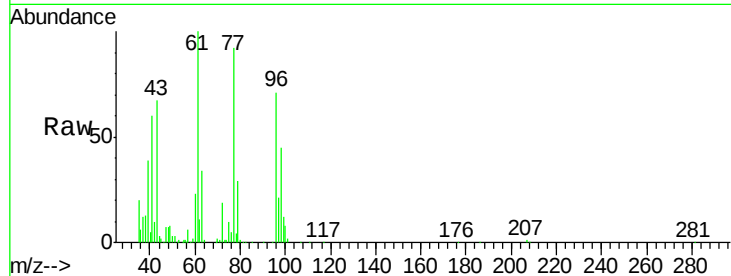




#27

cis-1,2-Dichloroethene
Concen: 19.585 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

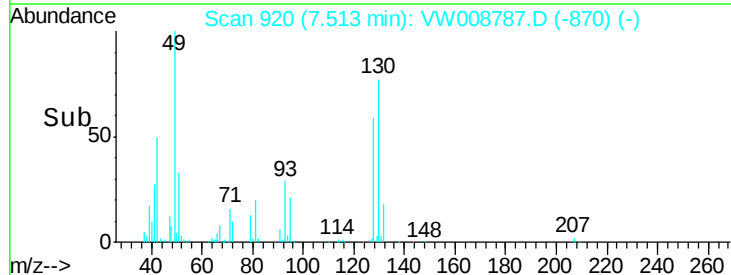
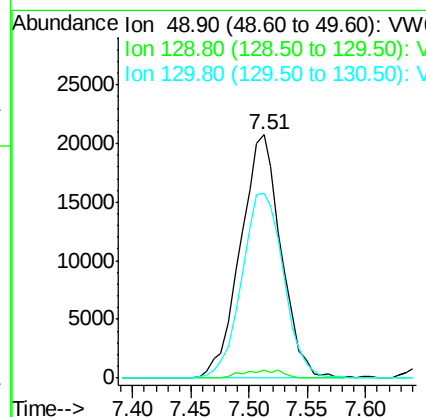
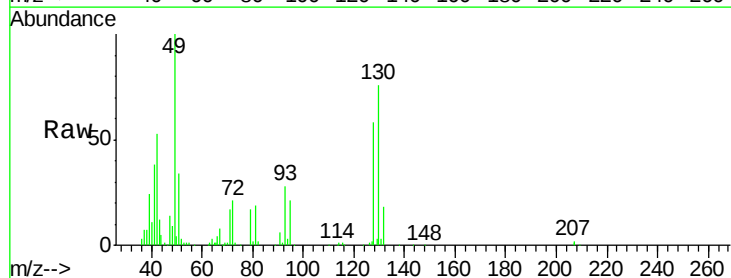
Tot Ion	96	Resp	73686
Ion Ratio	Lower	Upper	
96	100		
61	147.3	0.0	302.6
98	64.6	0.0	130.0

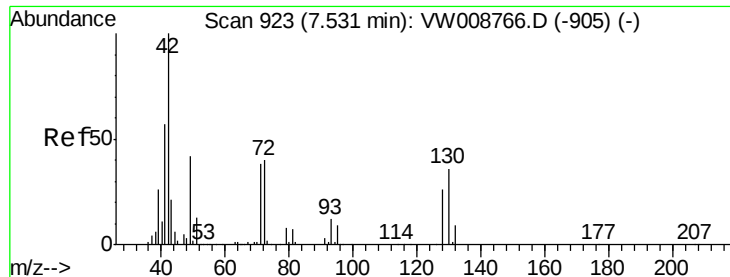


#28

Bromochloromethane
Concen: 19.805 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tgt Ion	49	Resp	50276
Ion Ratio	Lower	Upper	
49	100		
129	3.2	0.0	2.6#
130	78.8	61.3	91.9





#29

Tetrahydrofuran

Concen: 84.418 ug/l

RT: 7.53 min Scan# 923

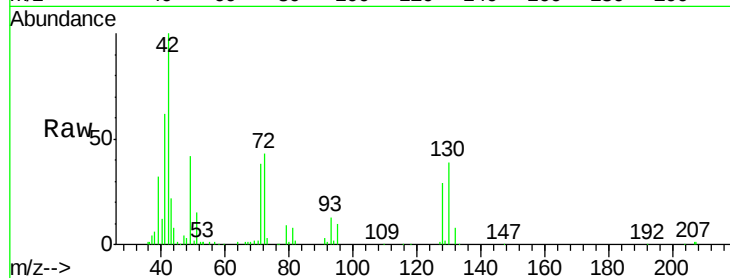
Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

Tot Ion: 42 Resp: 56783

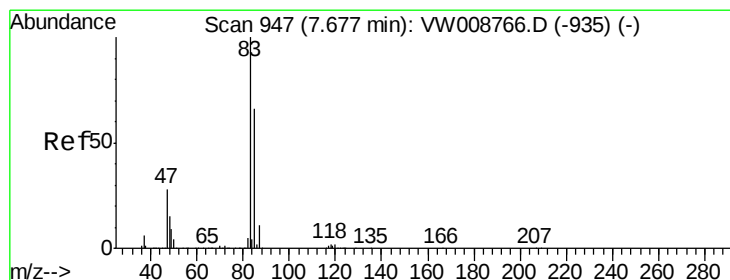
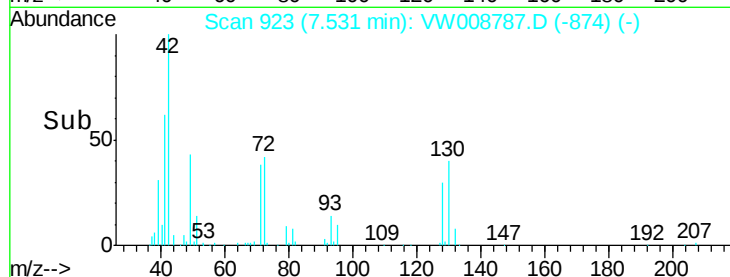
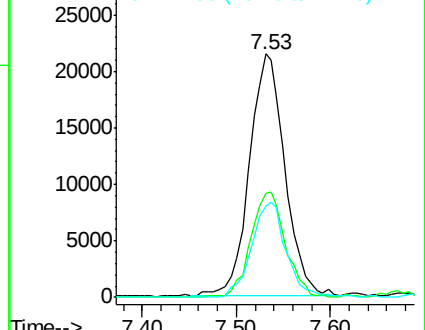
Ion	Ratio	Lower	Upper
42	100		
72	42.7	32.7	49.1
71	38.5	31.3	46.9



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: 20.001 ug/l

RT: 7.67 min Scan# 946

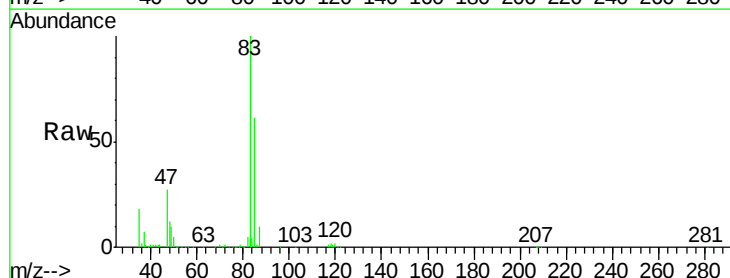
Delta R.T. -0.01 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

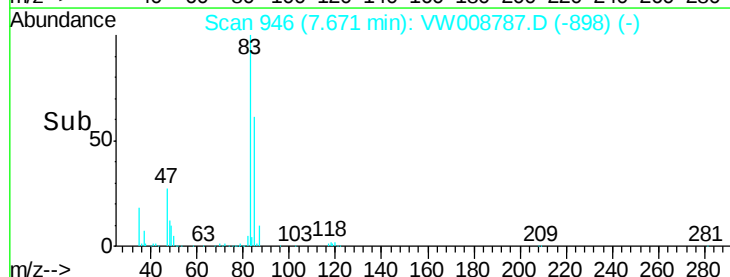
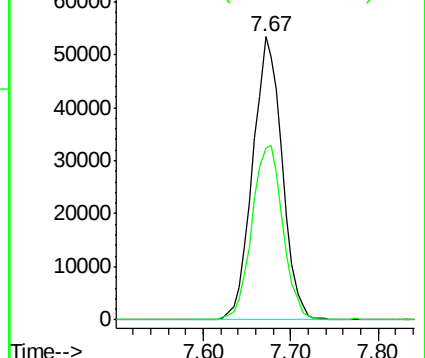
Tgt Ion: 83 Resp: 124468

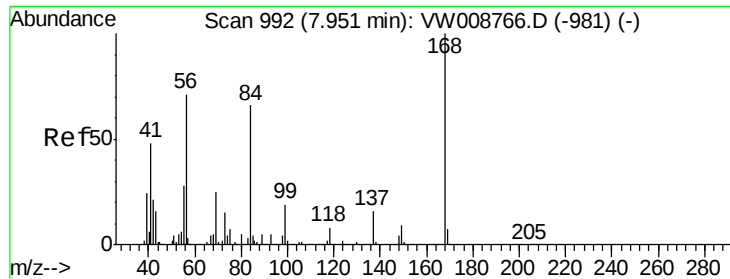
Ion	Ratio	Lower	Upper
83	100		
85	60.8	52.6	79.0



Abundance Ion 82.90 (82.60 to 83.60): VW

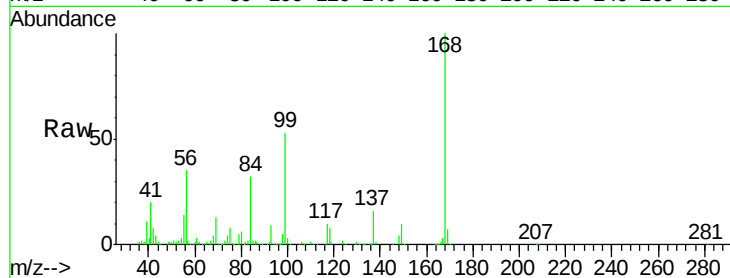
Ion 84.90 (84.60 to 85.60): VW





#31
Cvclohexane
Concen: 19.944 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tot Ion	56	Resp	122463
Ion	Ratio	Lower	Upper
56	100		
69	37.6	28.2	42.4
84	91.2	74.1	111.1

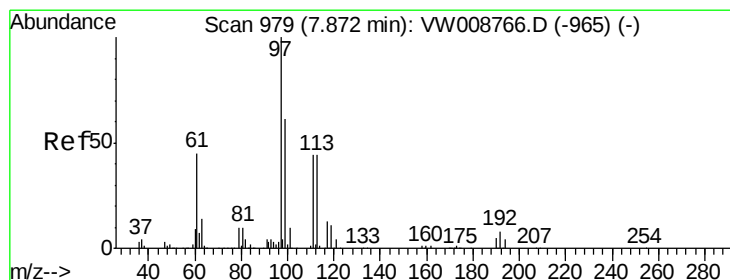
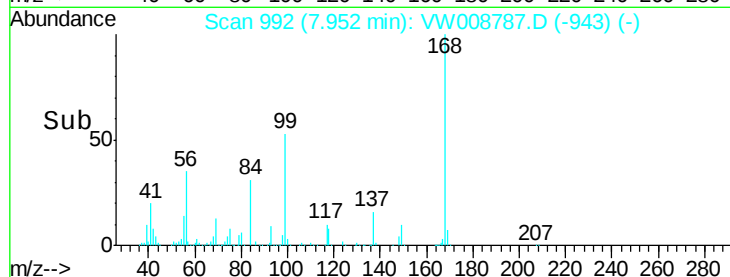
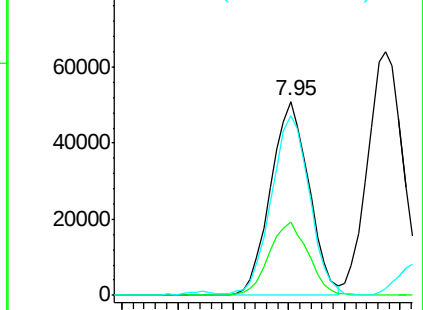


Abundance

Ion 56.00 (55.70 to 56.70): VW

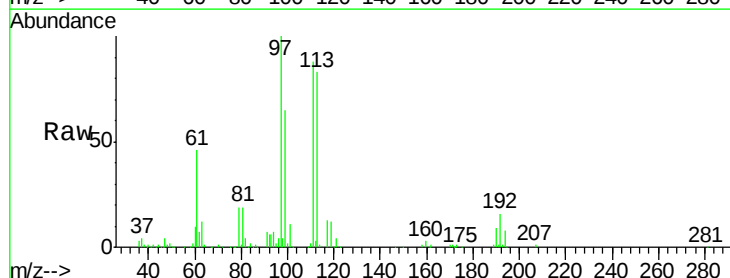
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 20.015 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tgt Ion	97	Resp	113276
Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.8	76.2
61	46.8	36.0	54.0

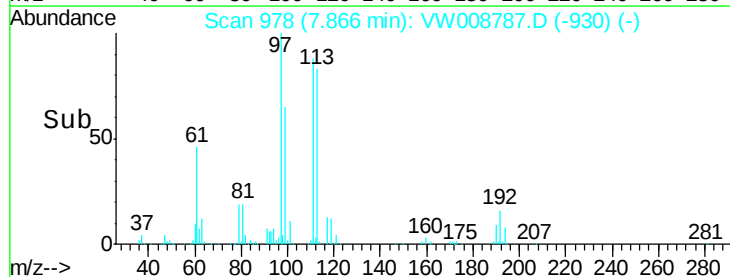
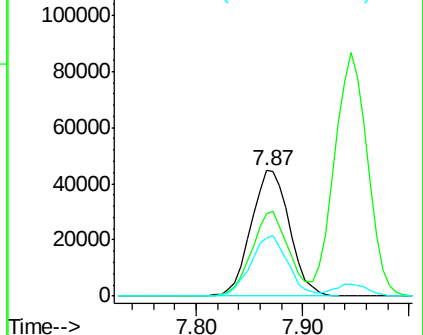


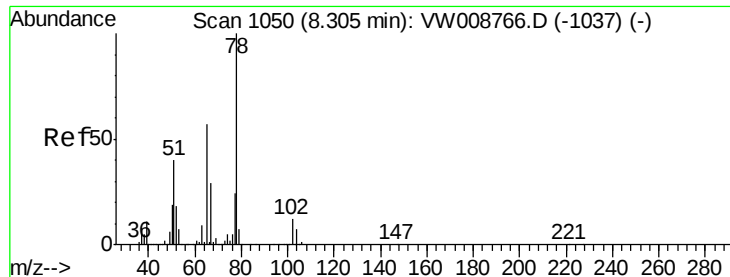
Abundance

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: 48.996 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008787.D

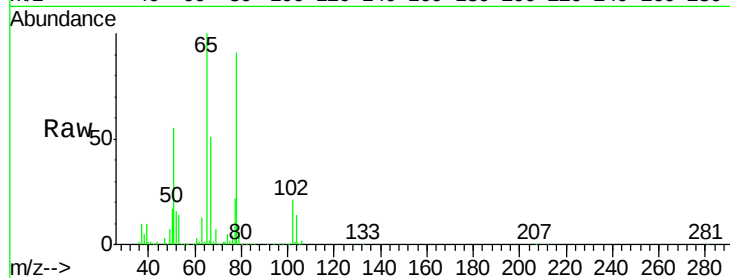
Acq: 22 Feb 2019 14:20

Tot Ion: 65 Resp: 159587

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

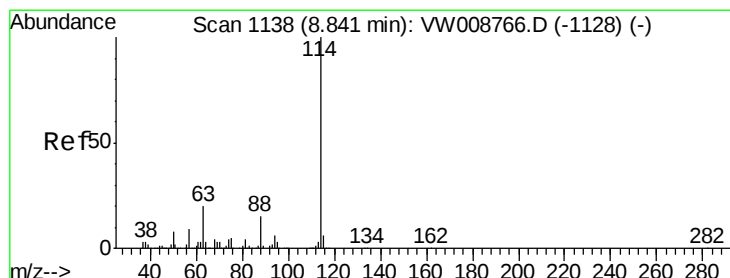
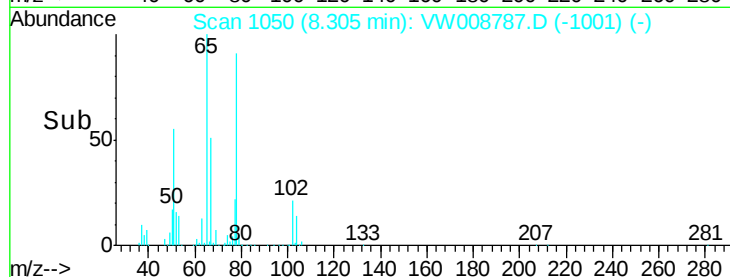
40000

20000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

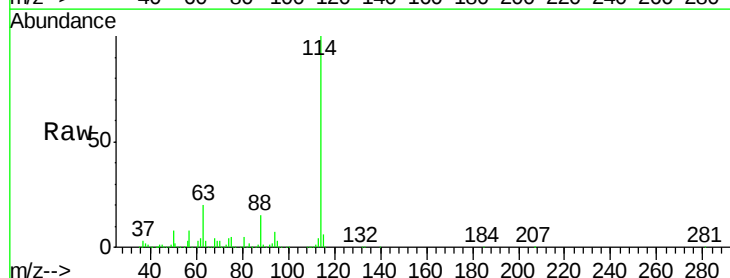
Tgt Ion: 114 Resp: 500086

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 14.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

300000

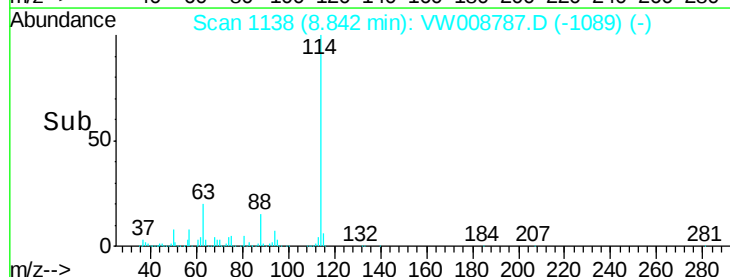
200000

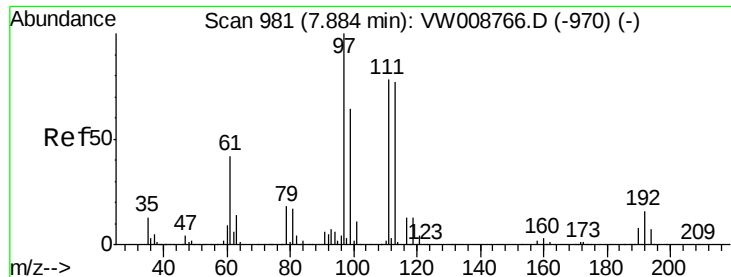
100000

0

8.70 8.80 8.90 9.00

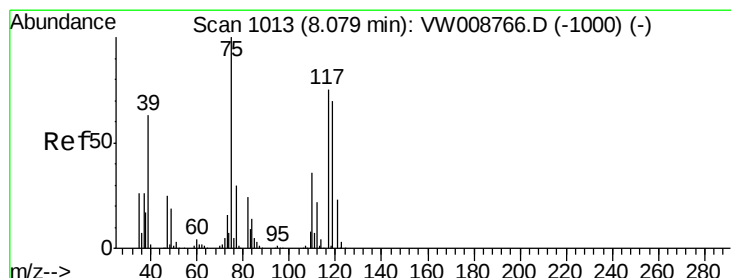
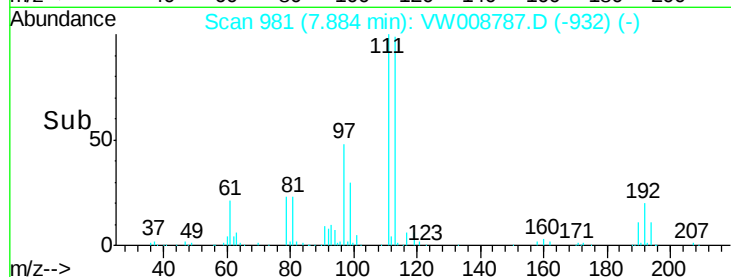
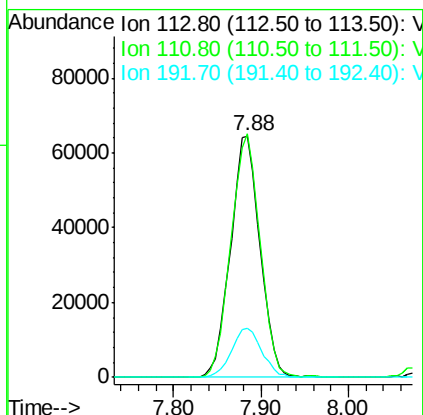
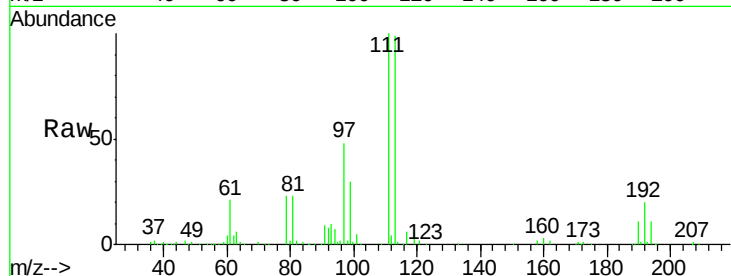
Time-->





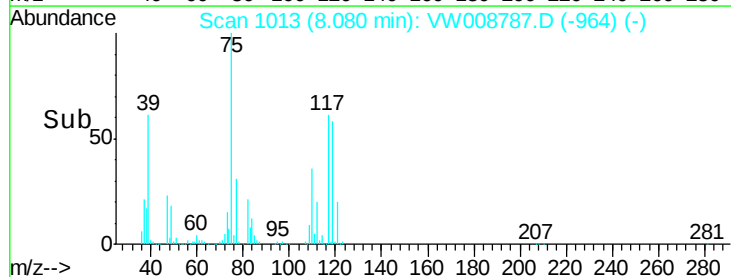
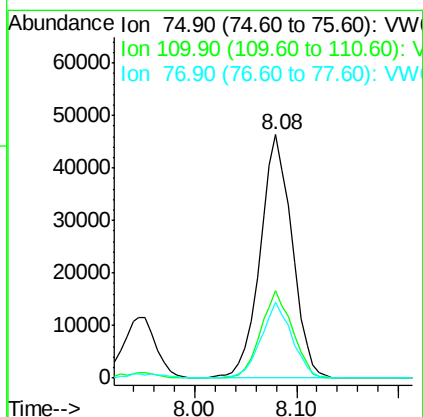
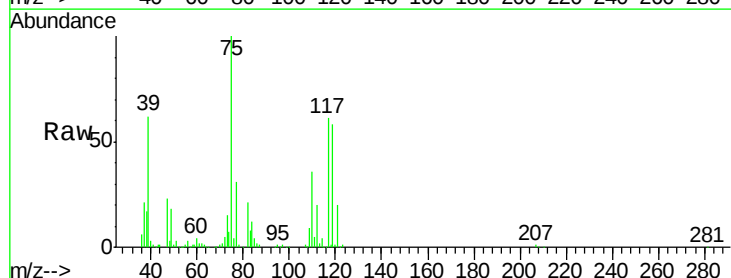
#35
 Dibromofluoromethane
 Concen: 50.402 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

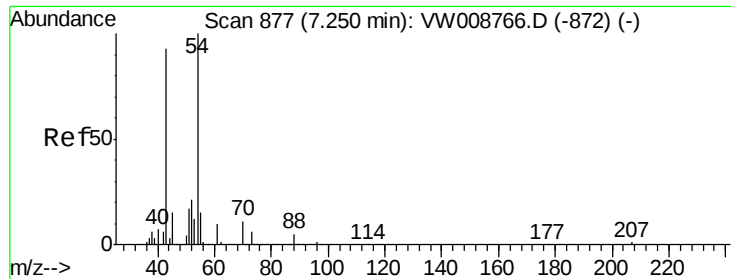
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.8	81.9	122.9
192	20.9	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 20.715 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

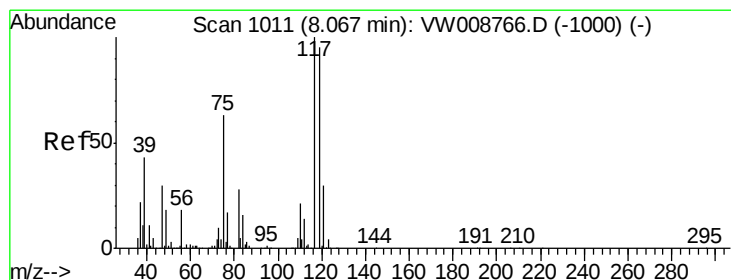
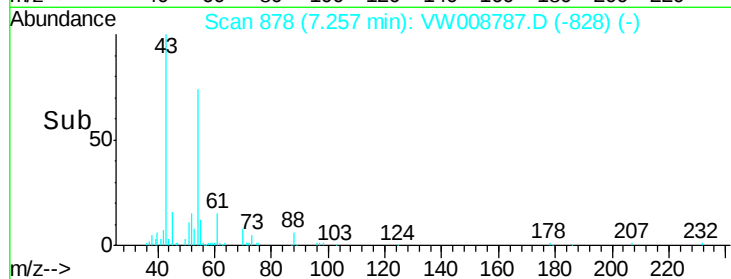
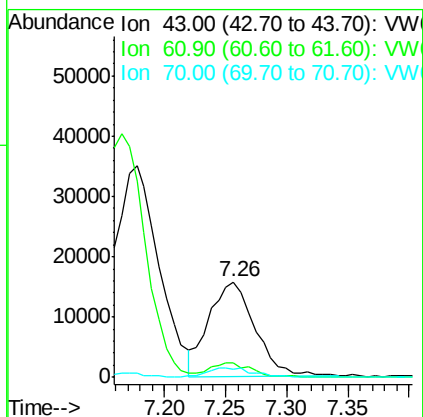
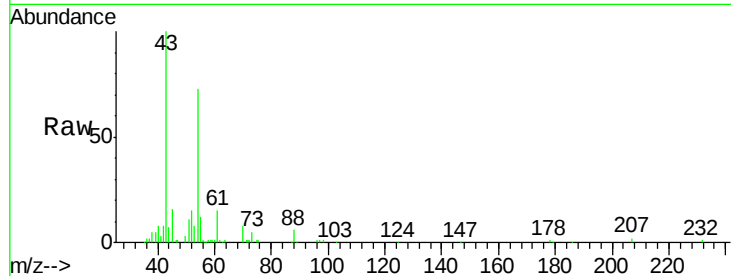
Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.5	52.6
77	30.3	24.5	36.7





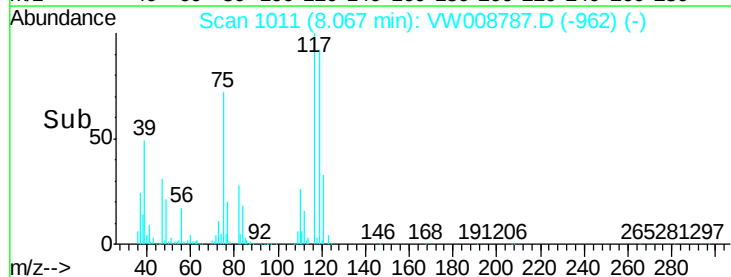
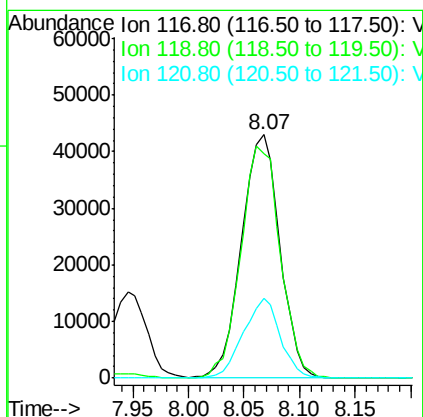
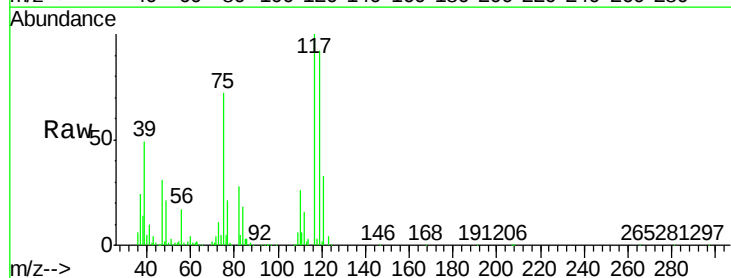
#37
Ethyl Acetate
Concen: 18.169 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

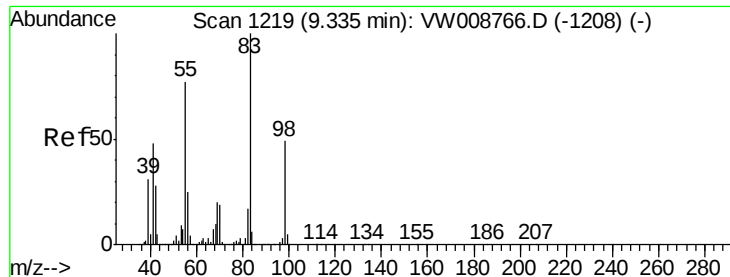
Tot Ion: 43 Resp: 41129
Ion Ratio Lower Upper
43 100
61 14.4 9.8 14.8
70 10.3 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.160 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

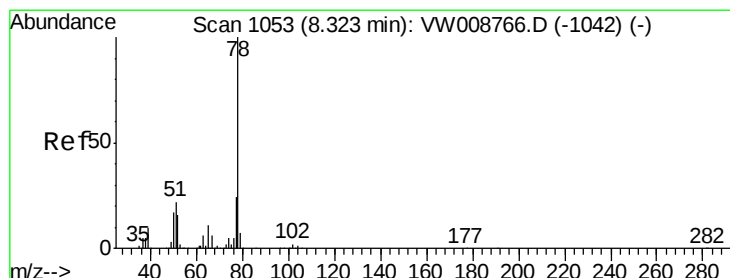
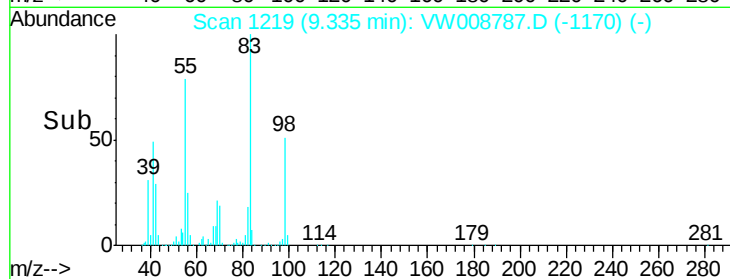
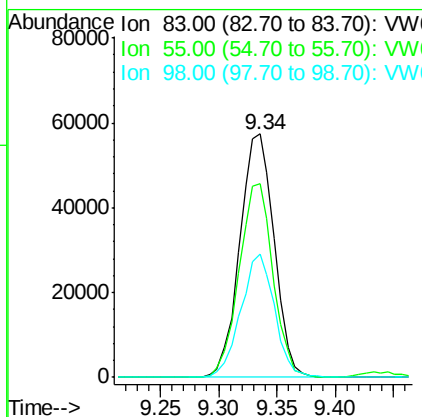
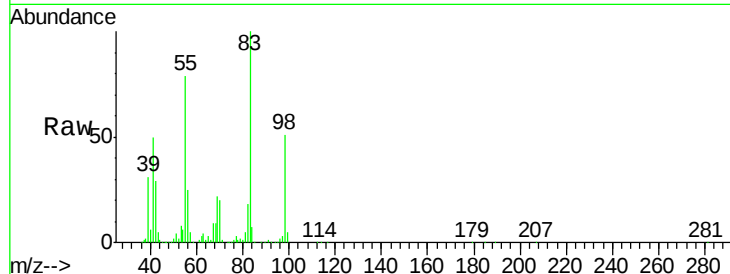
Tgt Ion: 117 Resp: 103497
Ion Ratio Lower Upper
117 100
119 92.3 76.1 114.1
121 32.8 24.0 36.0





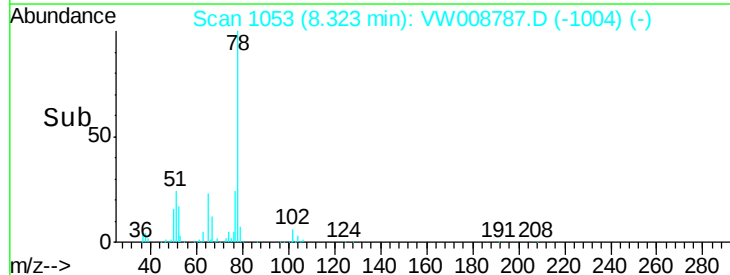
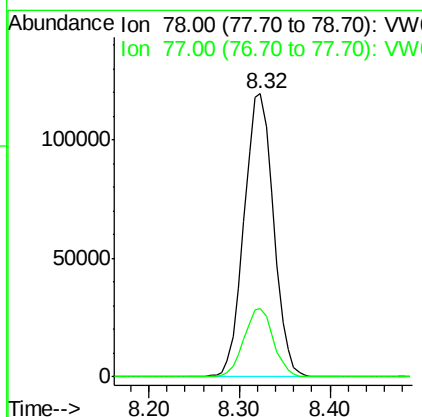
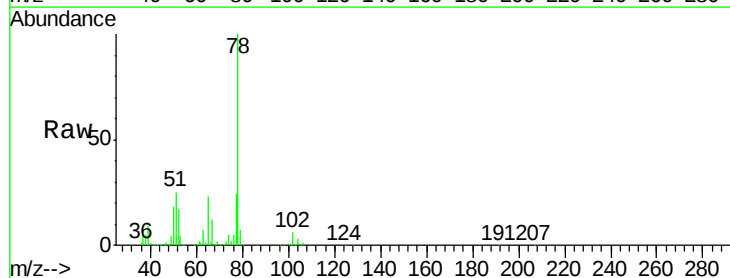
#39
Methvlcvclohexane
Concen: 19.439 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tot Ion	83	Resp	118033
Ion Ratio	Lower	Upper	
83	100		
55	79.3	61.2	91.8
98	50.6	39.4	59.2



#40
Benzene
Concen: 20.218 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tgt Ion	78	Resp	268718
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.3	28.9





#41

Methacrylonitrile

Concen: 18.982 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

Tot Ion: 41 Resp: 25258

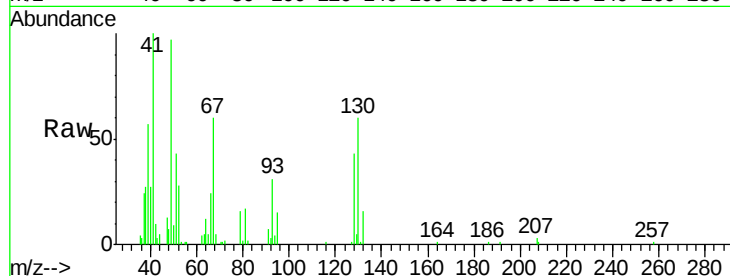
Ion Ratio Lower Upper

41 100

39 58.7 52.5 78.7

67 64.0 55.0 82.6

52 31.8 26.9 40.3

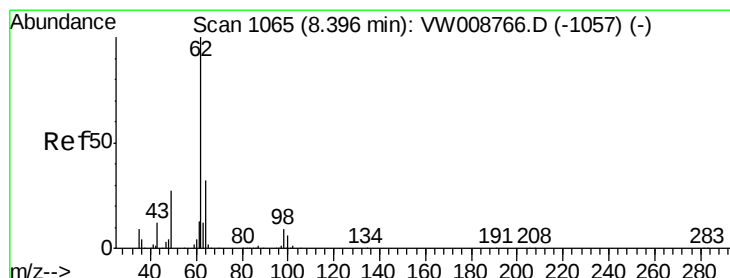
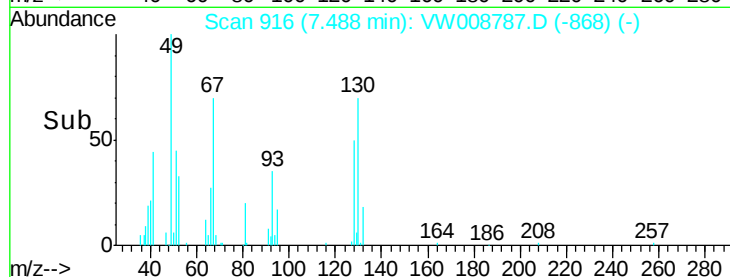
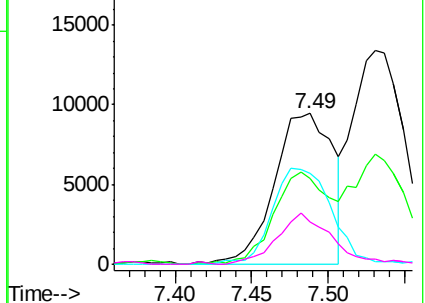


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 19.535 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW008787.D

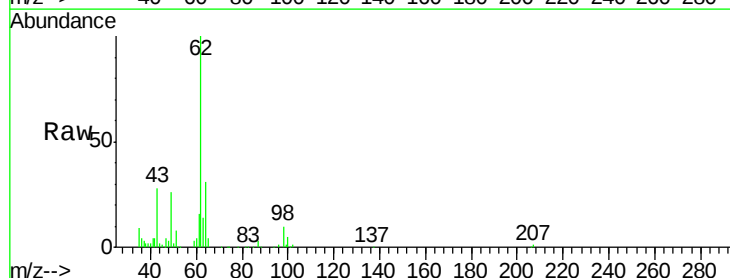
Acq: 22 Feb 2019 14:20

Tgt Ion: 62 Resp: 82248

Ion Ratio Lower Upper

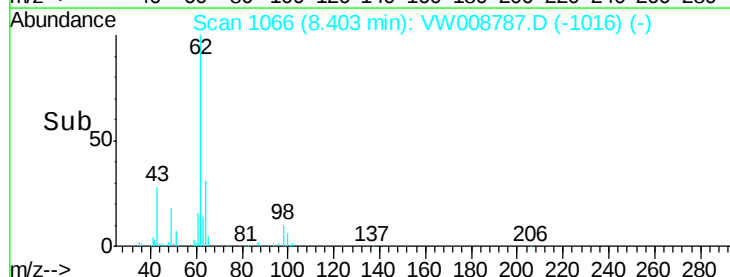
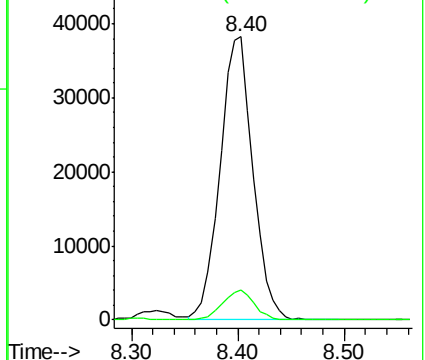
62 100

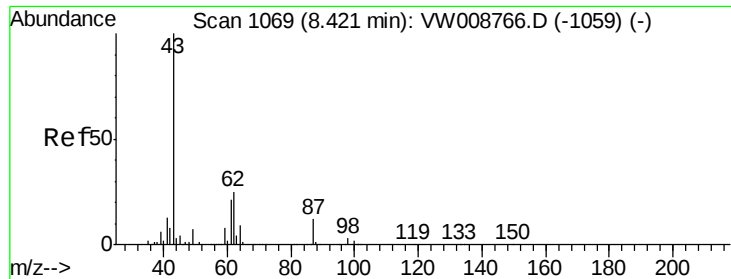
98 10.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

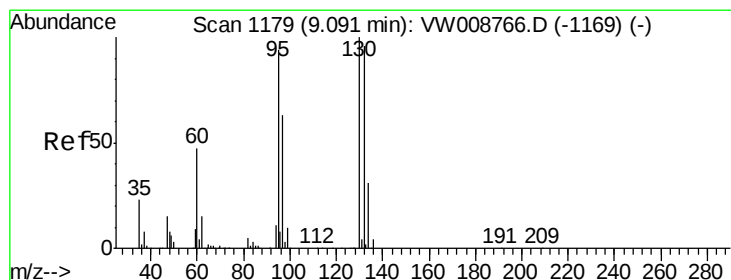
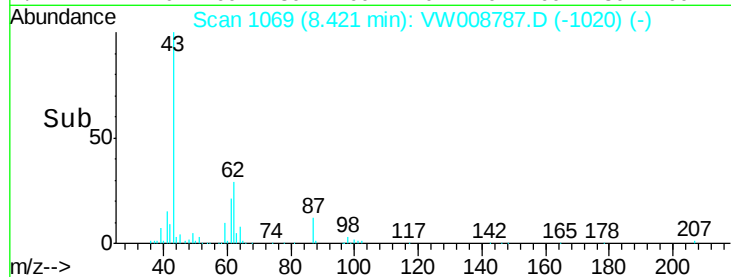
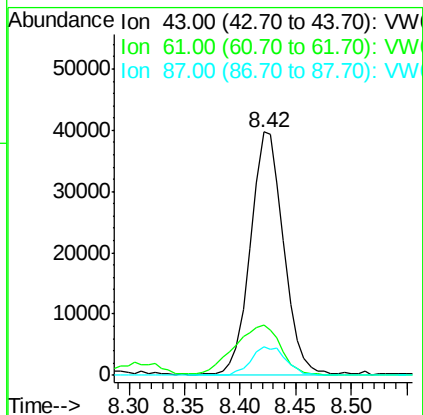
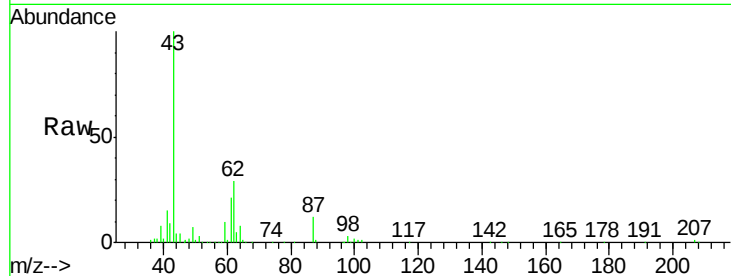




#43

Isopropyl Acetate
 Concen: 18.277 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

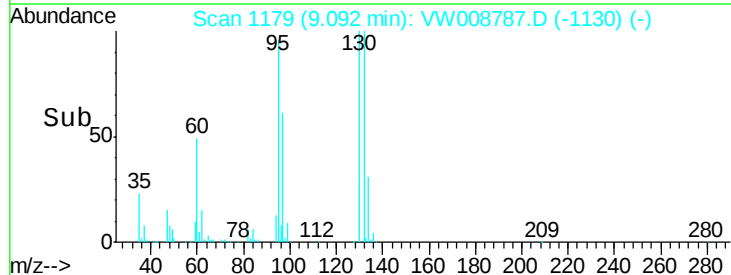
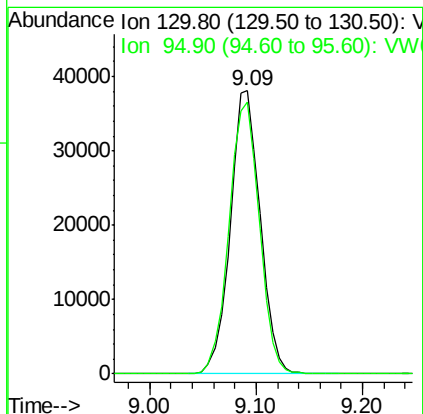
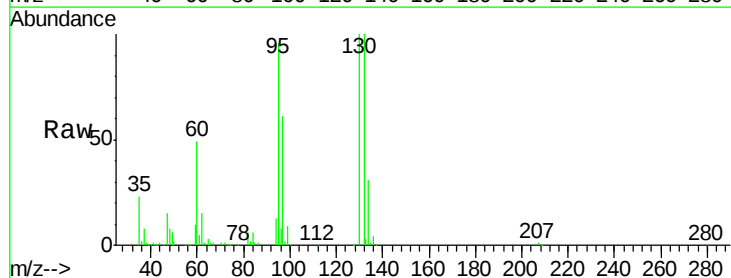
Tot Ion	43	Resp	82574
Ion Ratio	Lower	Upper	
43	100		
61	29.1	23.2	34.8
87	12.4	9.9	14.9

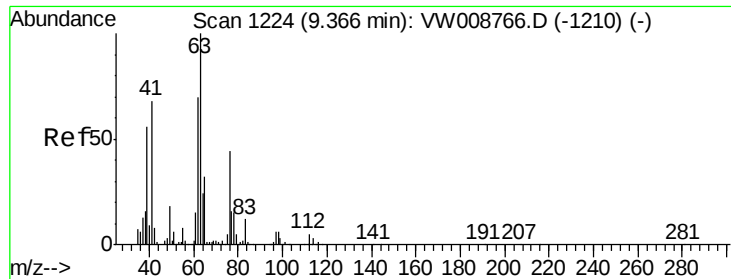


#44

Trichloroethene
 Concen: 20.033 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

Tgt Ion	130	Resp	75007
Ion Ratio	Lower	Upper	
130	100		
95	95.9	0.0	188.6





#45

1,2-Dichloropropane

Concen: 19.513 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008787.D

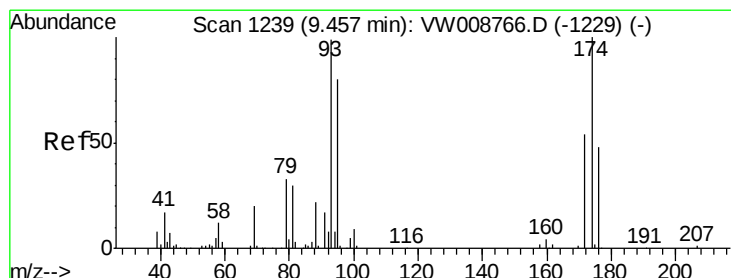
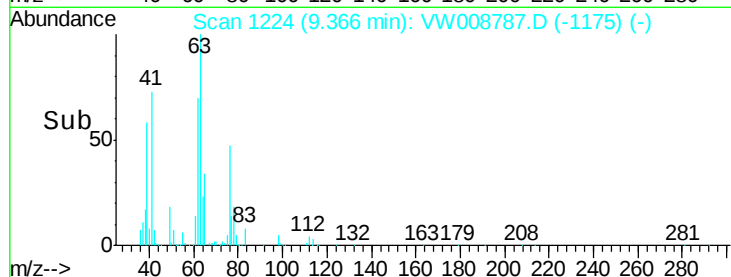
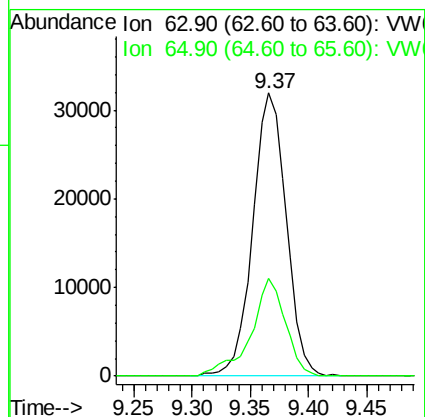
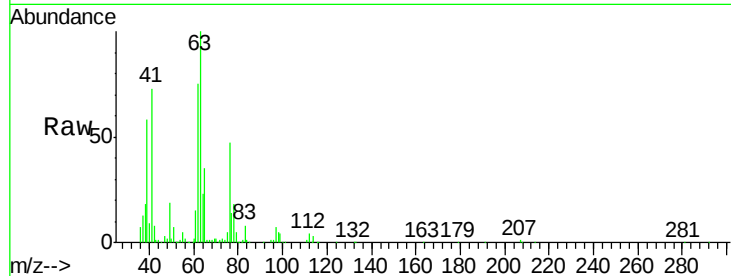
Acq: 22 Feb 2019 14:20

Tot Ion: 63 Resp: 64091

Ion Ratio Lower Upper

63 100

65 34.7 25.5 38.3



#46

Dibromomethane

Concen: 19.281 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

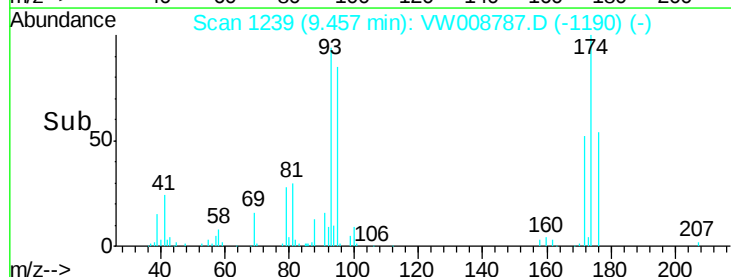
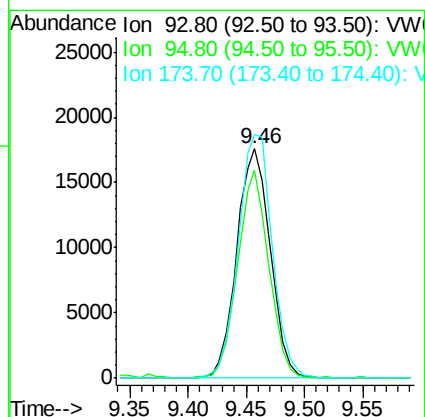
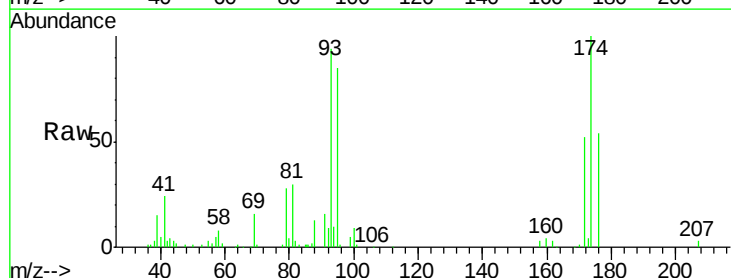
Tgt Ion: 93 Resp: 35225

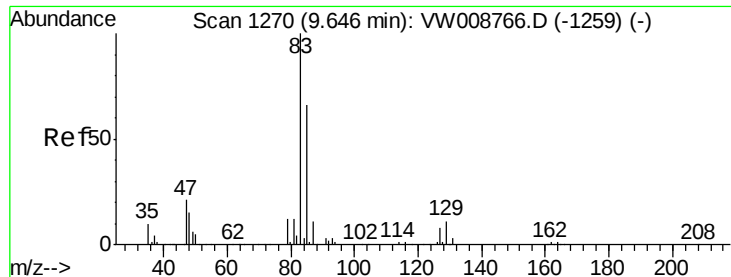
Ion Ratio Lower Upper

93 100

95 84.1 67.7 101.5

174 107.9 86.7 130.1





#47

Bromodichloromethane

Concen: 19.849 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

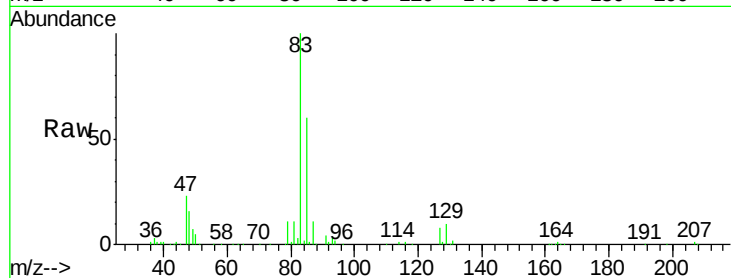
Tot Ion: 83 Resp: 88229

Ion Ratio Lower Upper

83 100

85 60.5 52.5 78.7

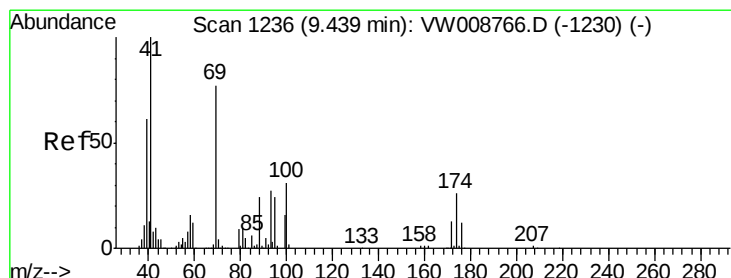
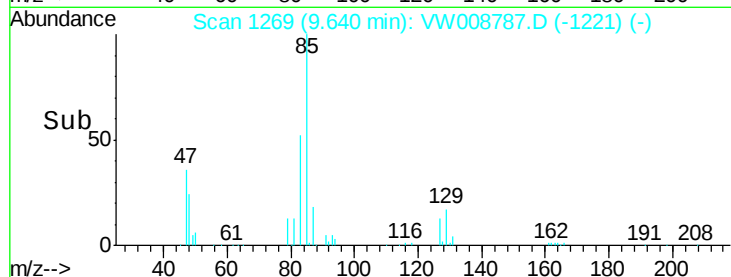
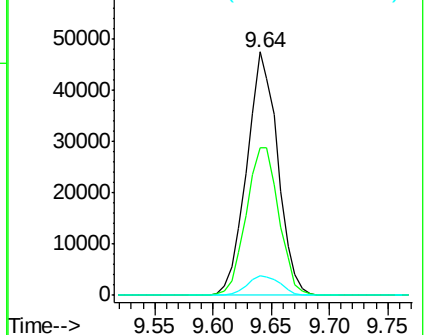
127 7.9 6.7 10.1



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): VW



#48

Methyl methacrylate

Concen: 16.910 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

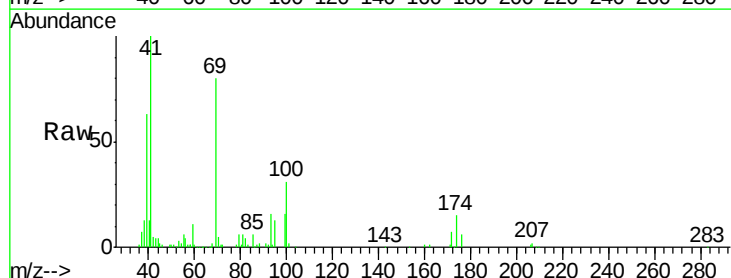
Tgt Ion: 41 Resp: 36590

Ion Ratio Lower Upper

41 100

69 82.3 63.6 95.4

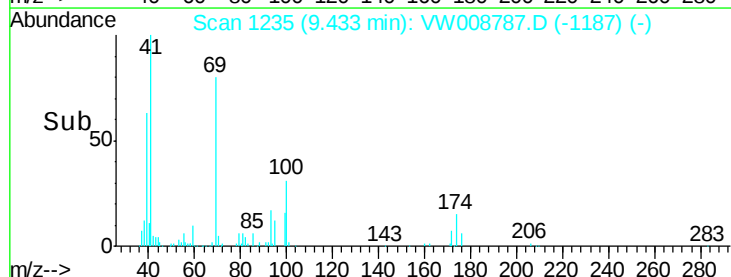
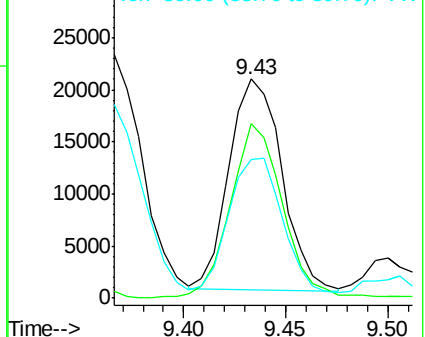
39 64.6 52.1 78.1

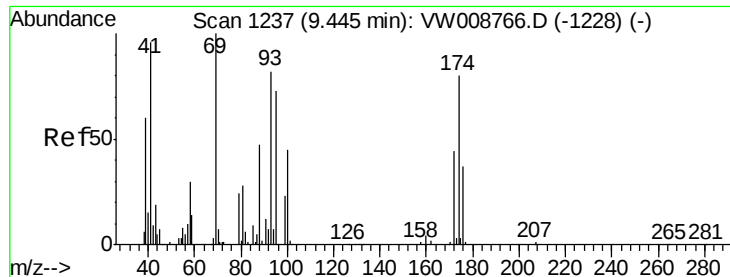


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 307.725 ug/l

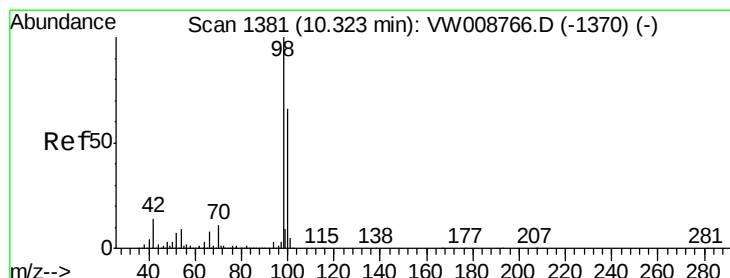
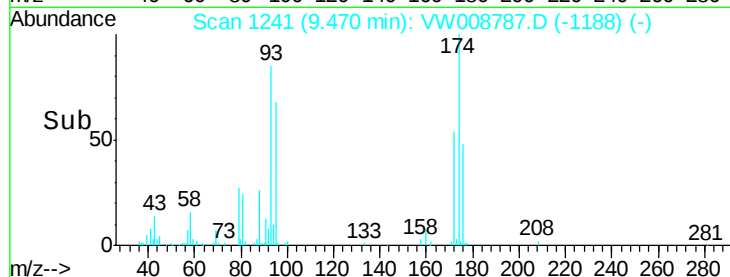
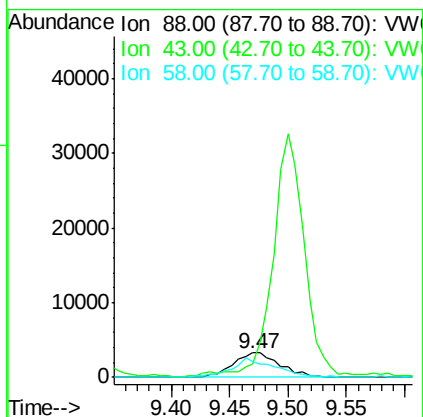
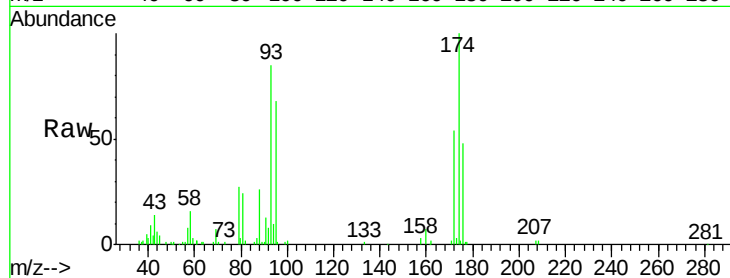
RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

Tot Ion:	88	Resp:	9003
Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.0	43.4#
58	74.2	52.0	78.0



#50

Toluene-d8

Concen: 49.751 ug/l

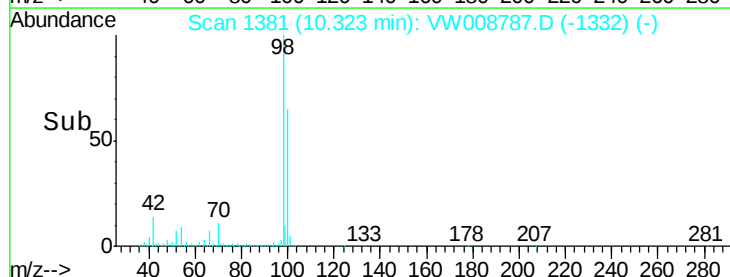
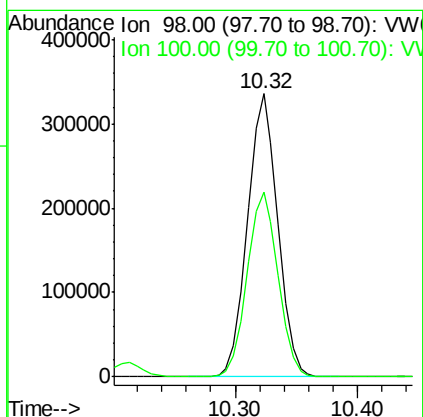
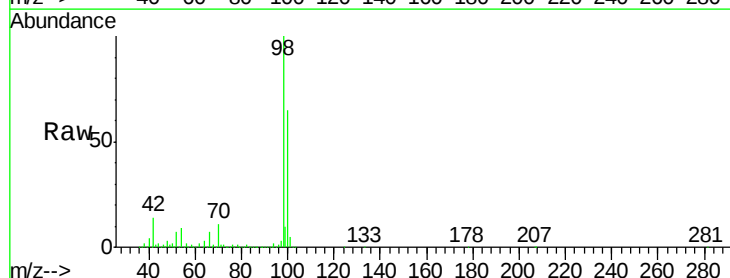
RT: 10.32 min Scan# 1381

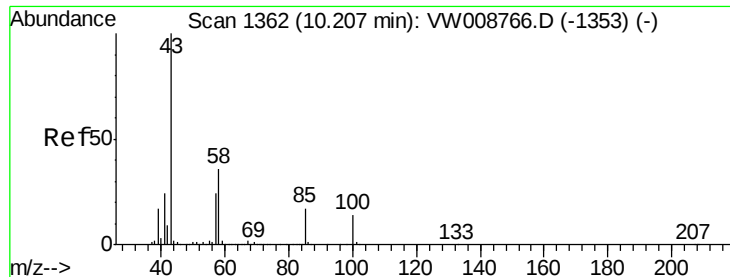
Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

Tgt Ion:	98	Resp:	576656
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 86.190 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008787.D

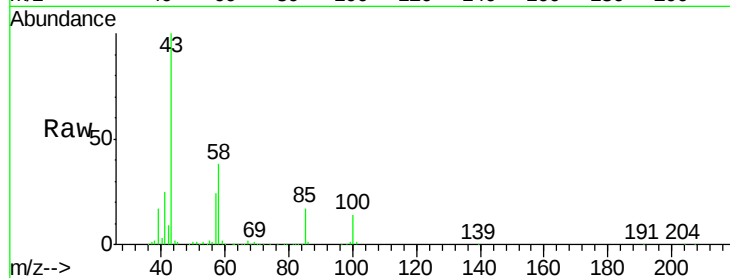
Acq: 22 Feb 2019 14:20

Tot Ion: 43 Resp: 197701

Ion Ratio Lower Upper

43 100

58 38.0 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

120000

100000

80000

60000

40000

20000

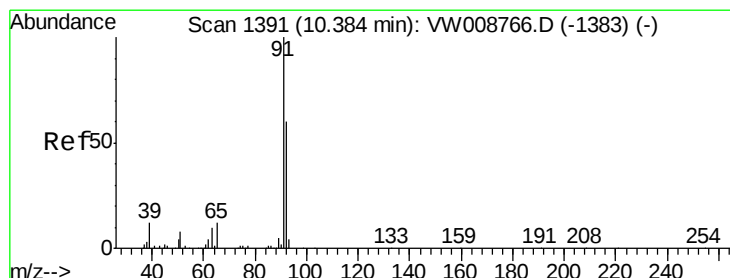
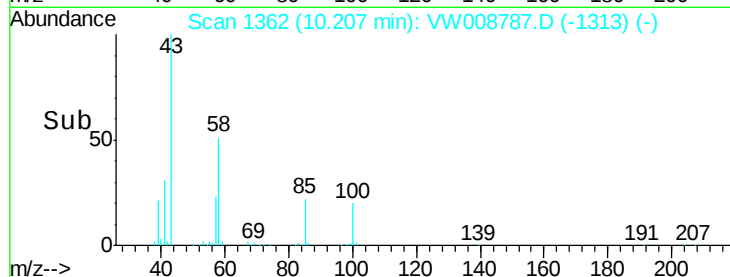
0

10.10

10.20

10.30

Time-->



#52

Toluene

Concen: 19.748 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008787.D

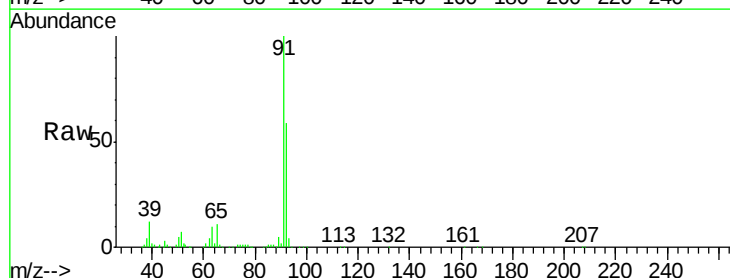
Acq: 22 Feb 2019 14:20

Tgt Ion: 92 Resp: 178136

Ion Ratio Lower Upper

92 100

91 171.7 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

200000

150000

100000

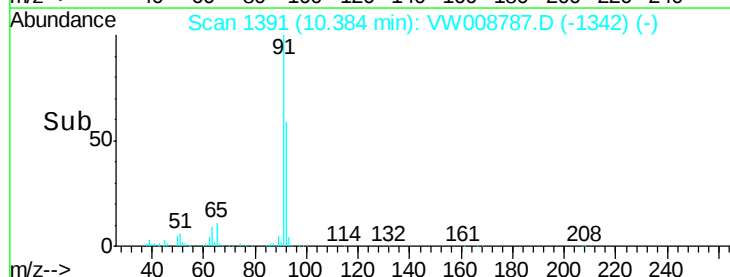
50000

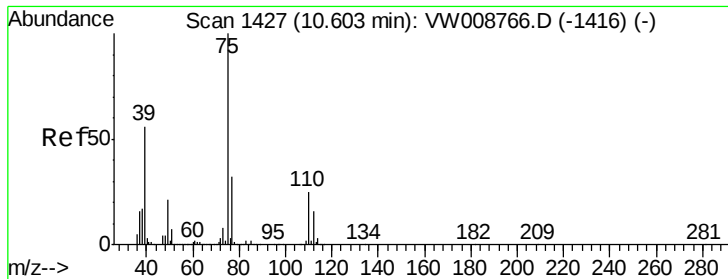
0

10.30

10.40

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.027 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008787.D

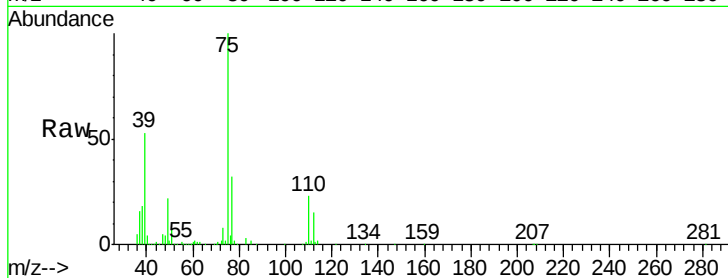
Acq: 22 Feb 2019 14:20

Tot Ion: 75 Resp: 86205

Ion Ratio Lower Upper

75 100

77 31.9 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

50000

40000

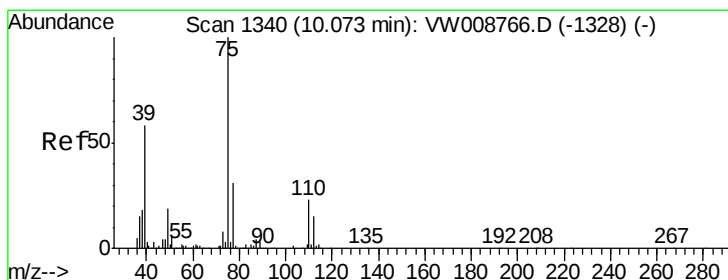
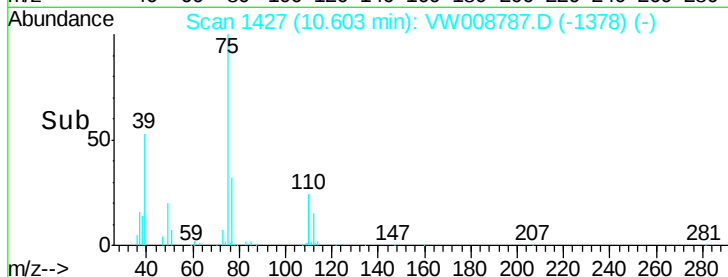
30000

20000

10000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 20.000 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

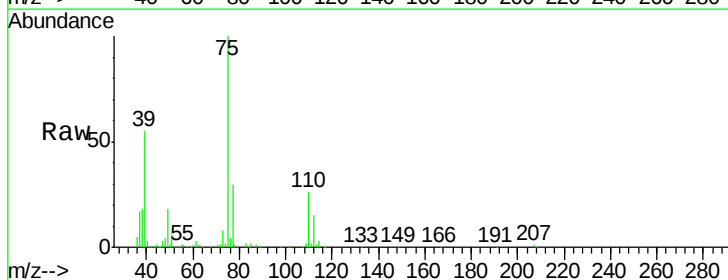
Tgt Ion: 75 Resp: 103346

Ion Ratio Lower Upper

75 100

77 30.1 25.0 37.4

39 54.8 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

10.07

80000

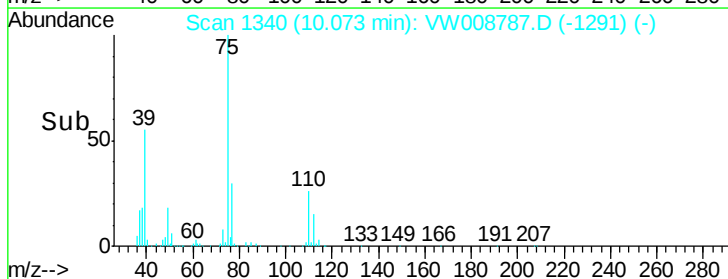
60000

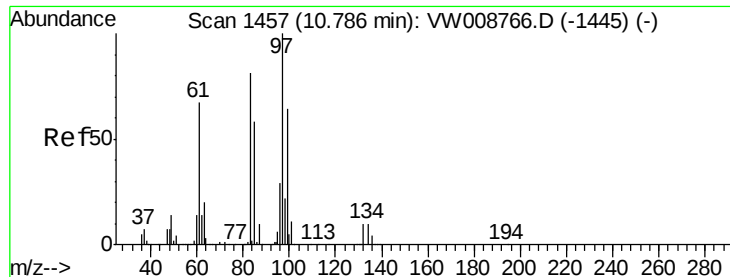
40000

20000

0

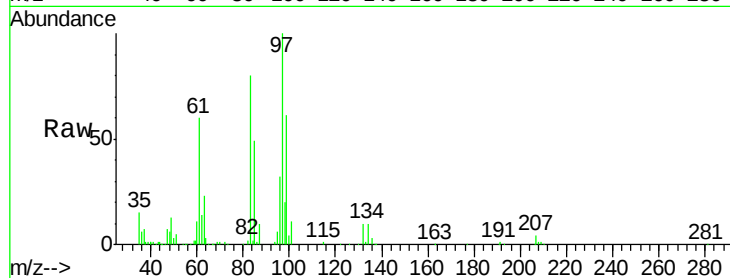
Time--> 10.00 10.10



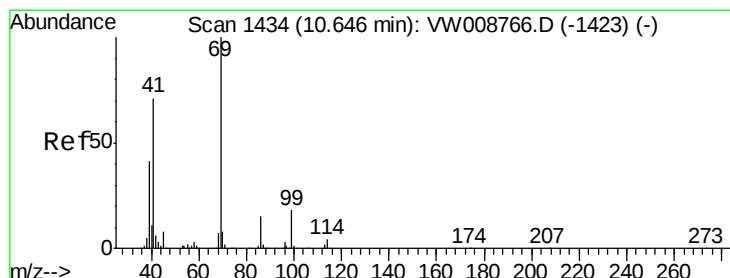
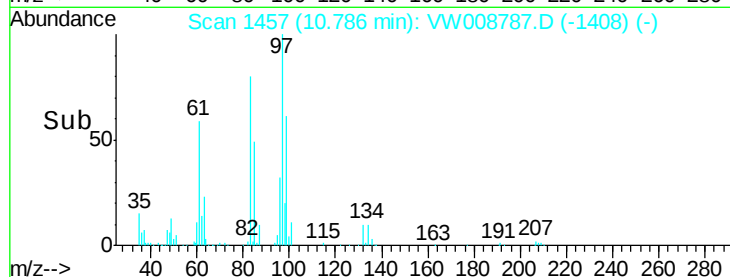
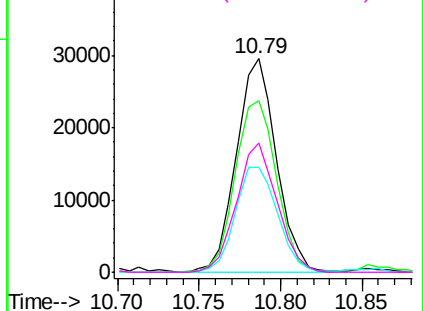


#55
 1,1,2-Trichloroethane
 Concen: 20.364 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

Tot Ion:	97	Resp:	50455
Ion	Ratio	Lower	Upper
97	100		
83	80.1	65.0	97.6
85	49.4	46.0	69.0
99	60.9	51.1	76.7

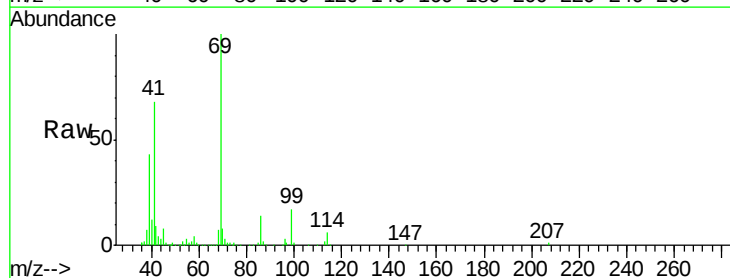


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

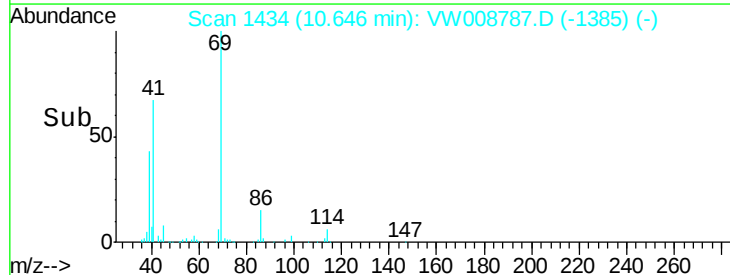
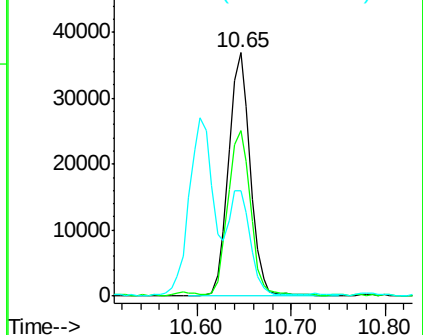


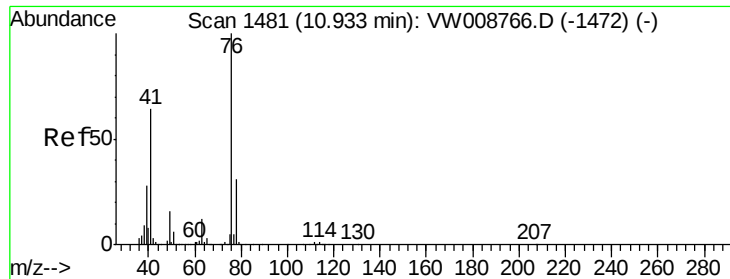
#56
 Ethyl methacrylate
 Concen: 18.346 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

Tgt Ion:	69	Resp:	59055
Ion	Ratio	Lower	Upper
69	100		
41	69.2	57.4	86.0
39	41.0	34.8	52.2



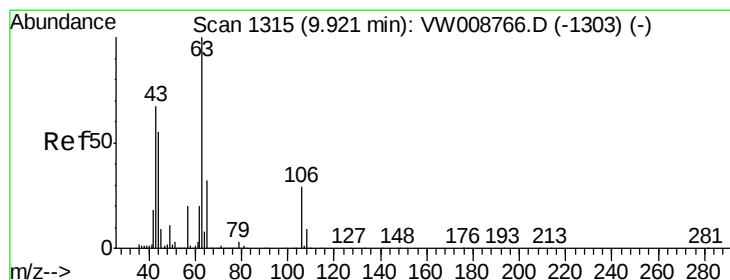
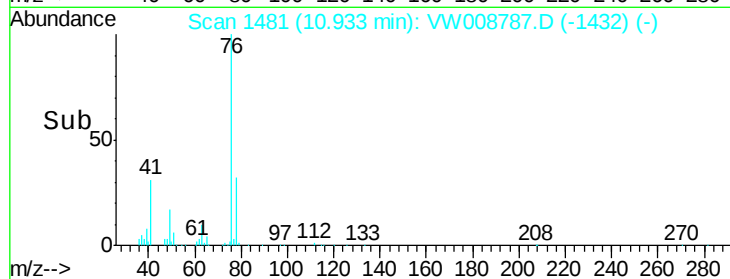
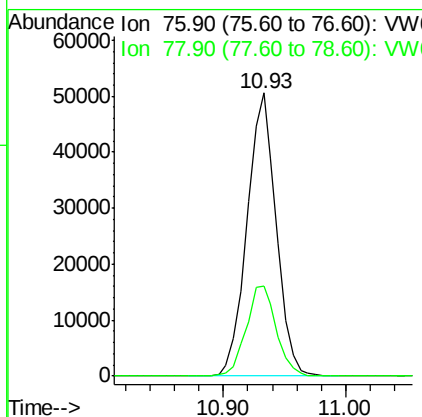
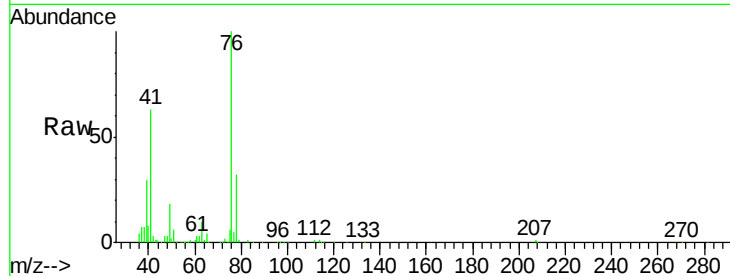
Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





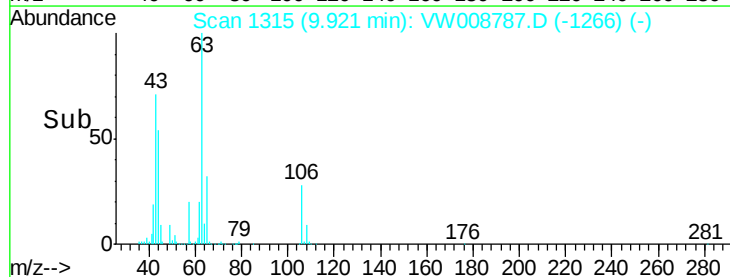
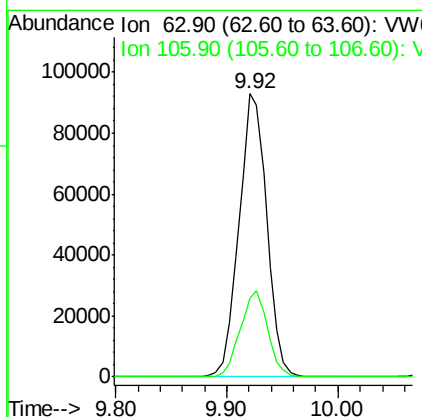
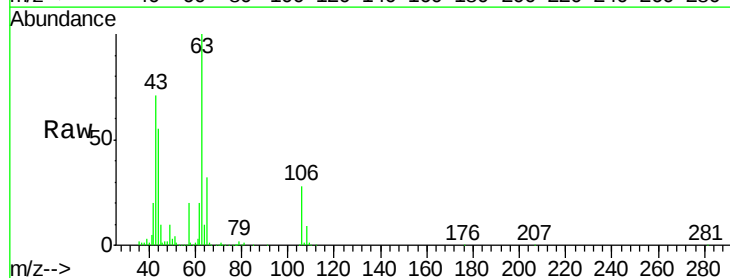
#57
 1,3-Dichloropropane
 Concen: 19.154 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

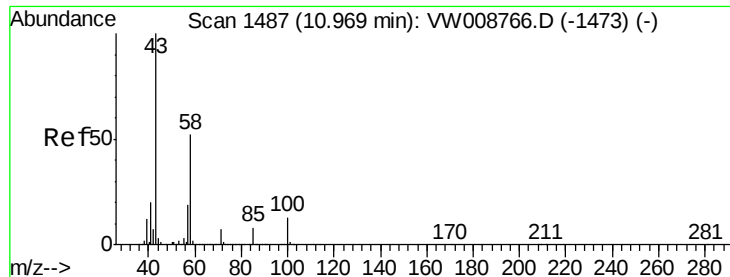
Tot Ion: 76 Resp: 83789
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.039 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

Tgt Ion: 63 Resp: 160340
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.0 36.0





#59

2-Hexanone

Concen: 86.830 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008787.D

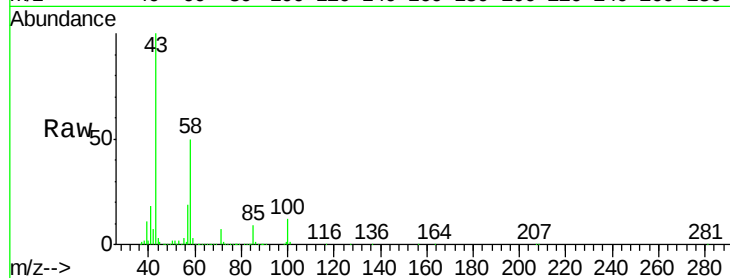
Acq: 22 Feb 2019 14:20

Tot Ion: 43 Resp: 141776

Ion Ratio Lower Upper

43 100

58 51.4 25.3 75.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.97

80000

60000

40000

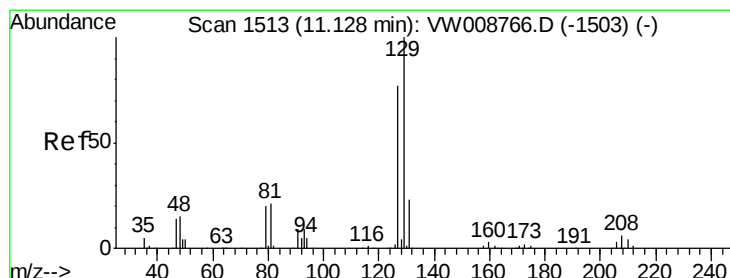
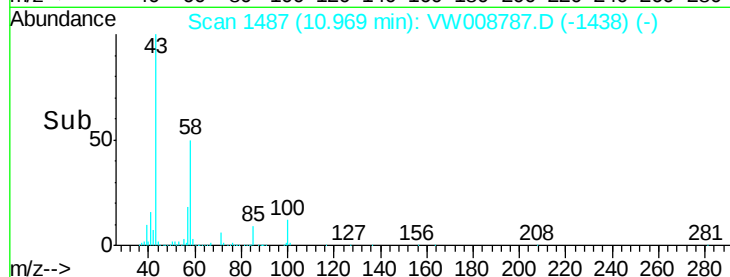
20000

0

Time-->

10.90

11.00



#60

Dibromochloromethane

Concen: 19.314 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008787.D

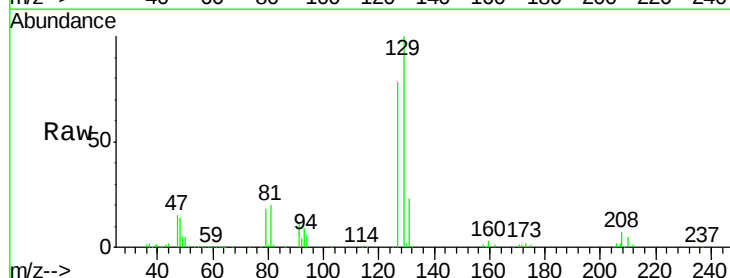
Acq: 22 Feb 2019 14:20

Tgt Ion: 129 Resp: 58367

Ion Ratio Lower Upper

129 100

127 77.9 39.0 116.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

30000

20000

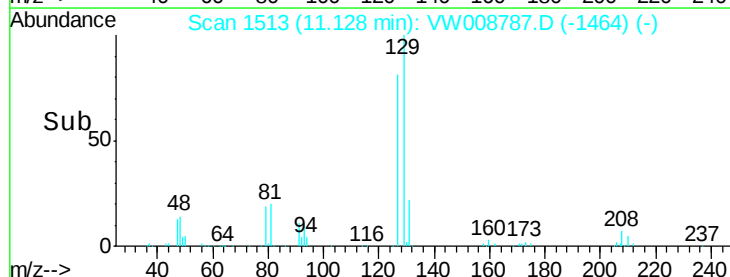
10000

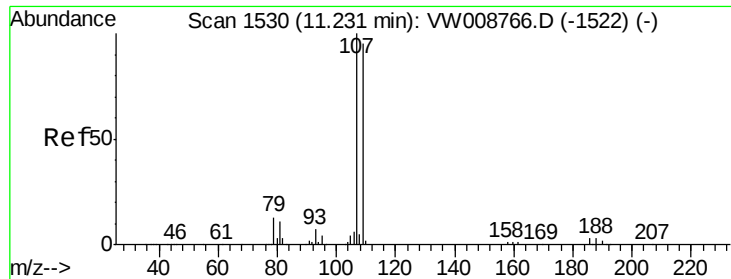
0

Time-->

11.10

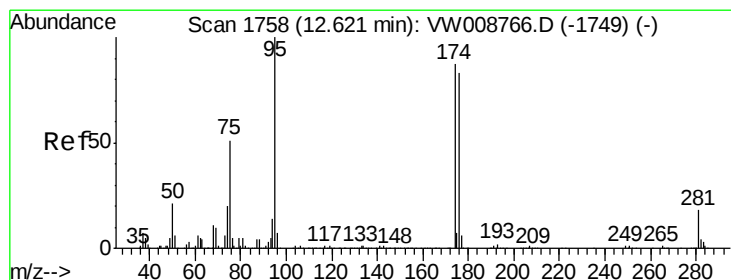
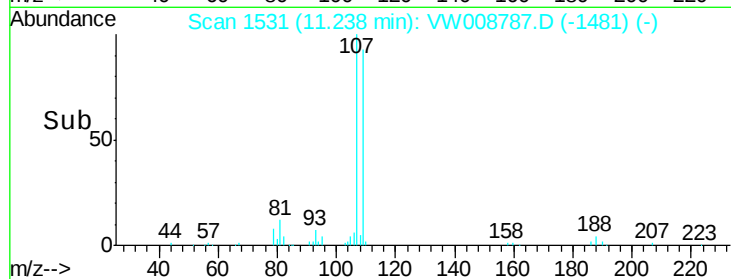
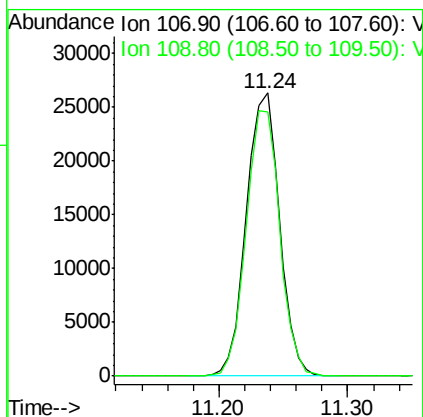
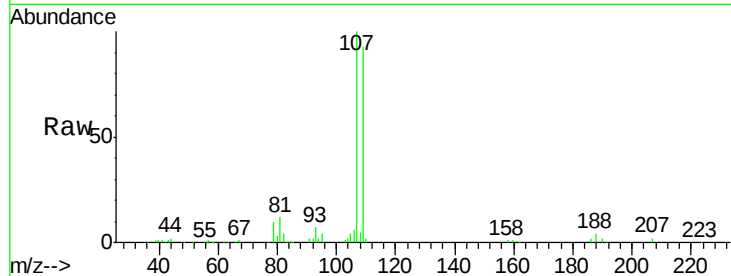
11.20





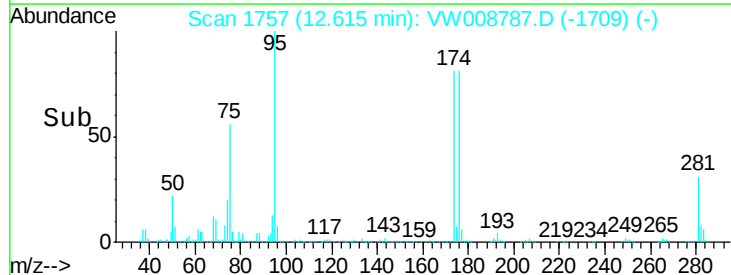
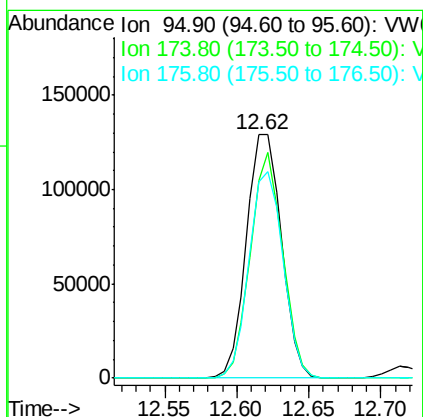
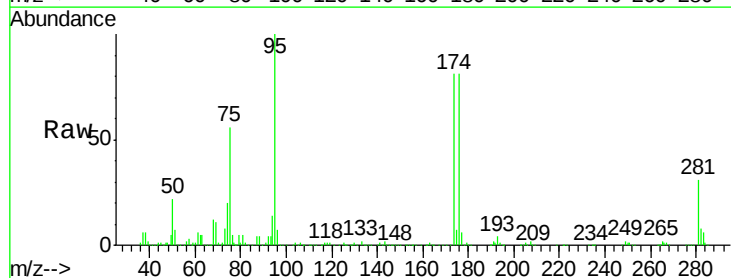
#61
 1,2-Dibromoethane
 Concen: 19.094 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

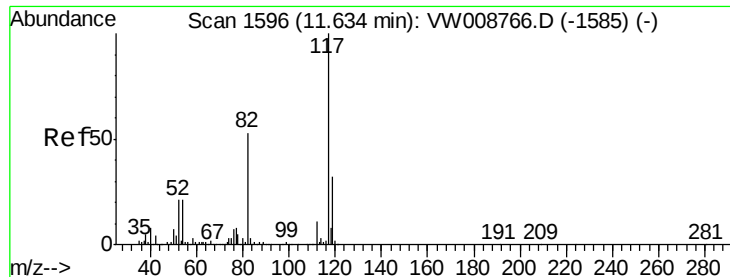
Tot Ion: 107 Resp: 46828
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.898 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

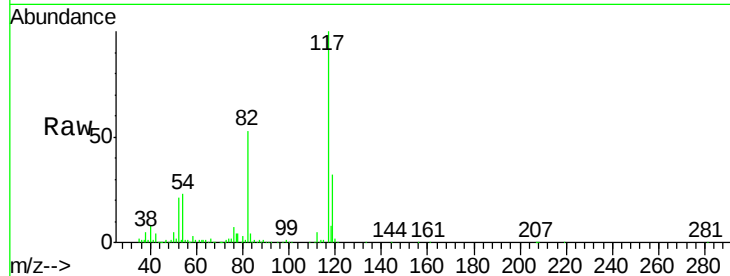
Tgt Ion: 95 Resp: 217374
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 169.2
 176 82.4 0.0 163.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.2	63.4
119	32.1	25.9	38.9

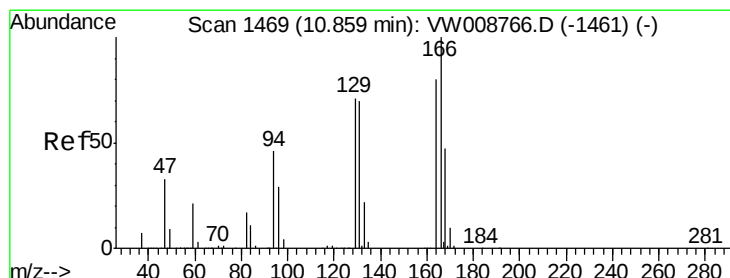
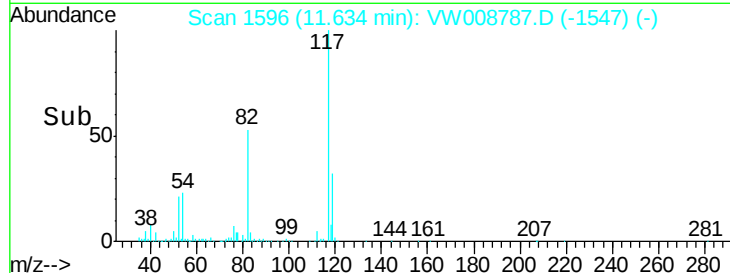
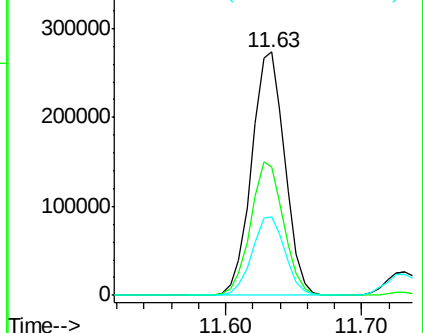


Abundance

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: 20.387 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.3	99.5	149.3
129	90.1	71.1	106.7
131	86.3	69.8	104.8

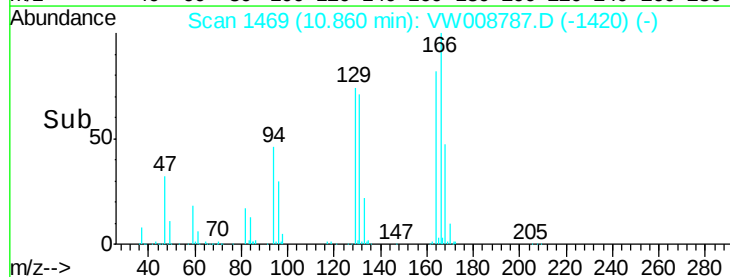
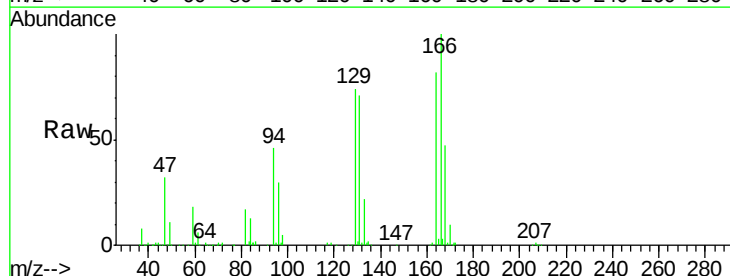
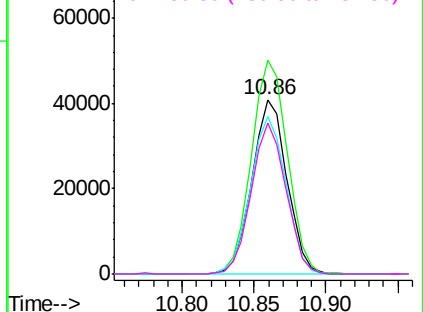
Abundance

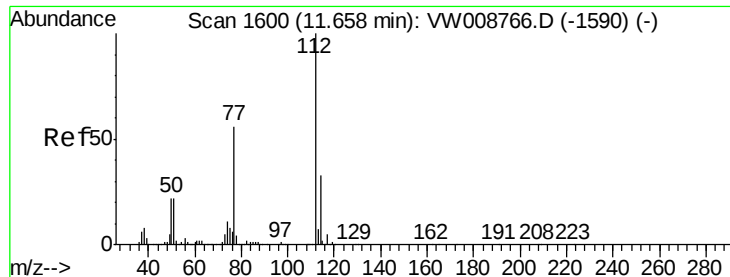
Ion 163.80 (163.50 to 164.50): V

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: 19.835 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008787.D

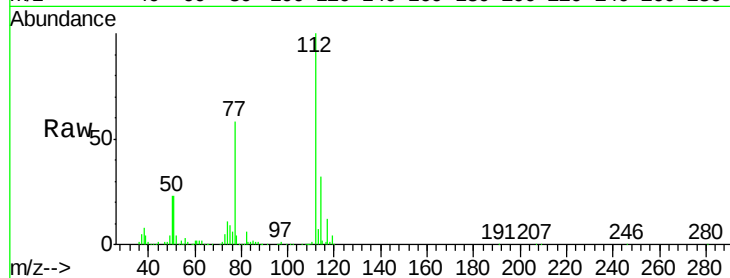
Acq: 22 Feb 2019 14:20

Tot Ion:112 Resp: 195355

Ion Ratio Lower Upper

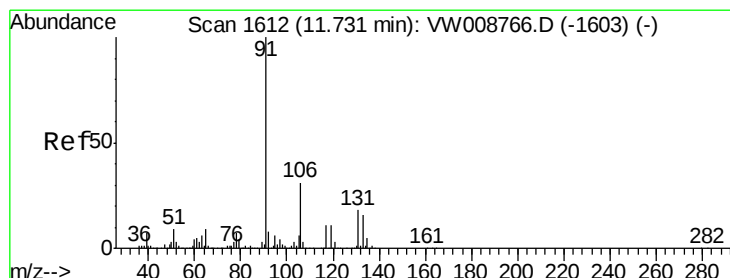
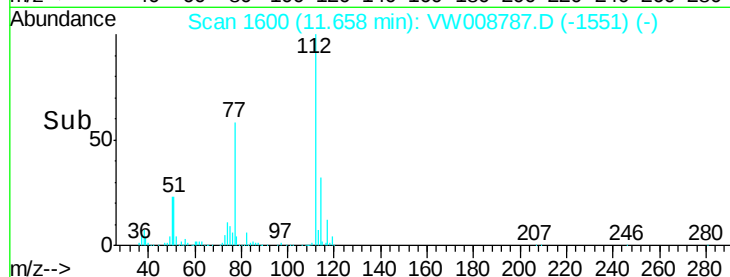
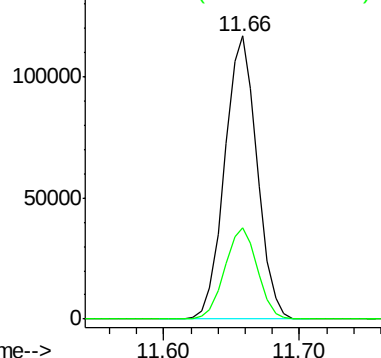
112 100

114 32.5 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.766 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

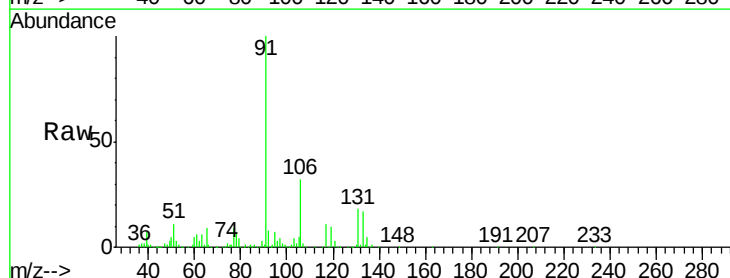
Tgt Ion:131 Resp: 65826

Ion Ratio Lower Upper

131 100

133 94.9 46.7 140.0

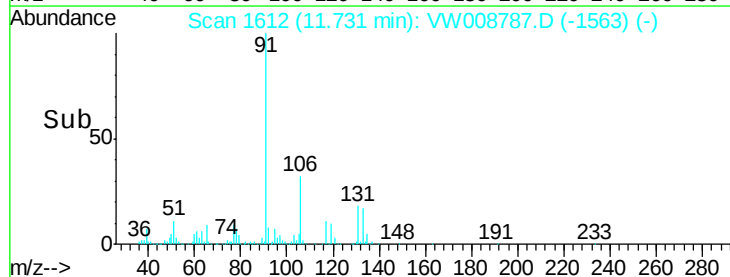
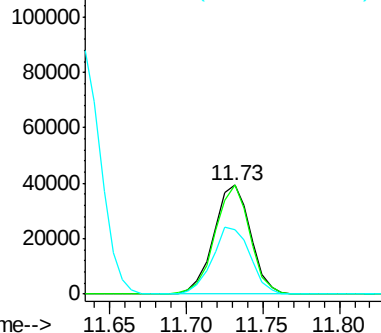
119 63.2 30.8 92.4

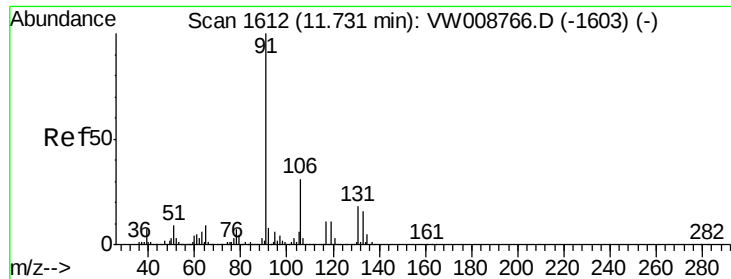


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.842 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008787.D

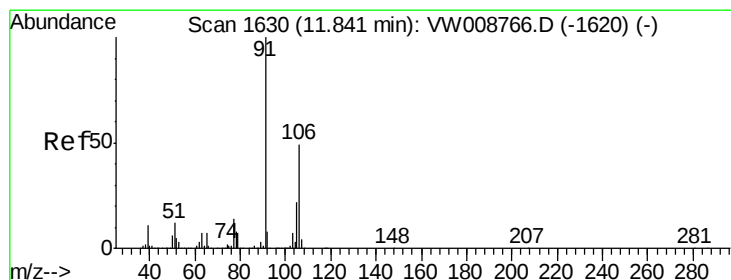
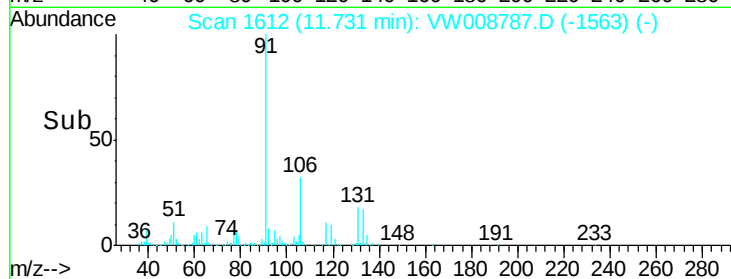
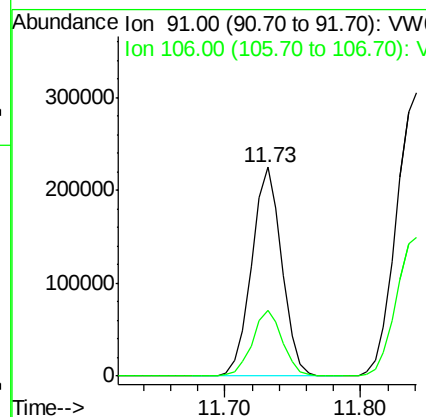
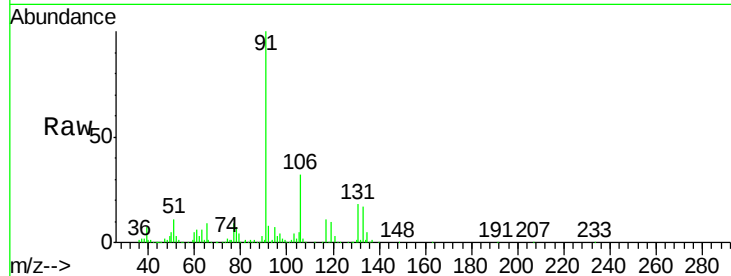
Acq: 22 Feb 2019 14:20

Tot Ion: 91 Resp: 349346

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.6



#68

m/p-Xylenes

Concen: 39.669 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008787.D

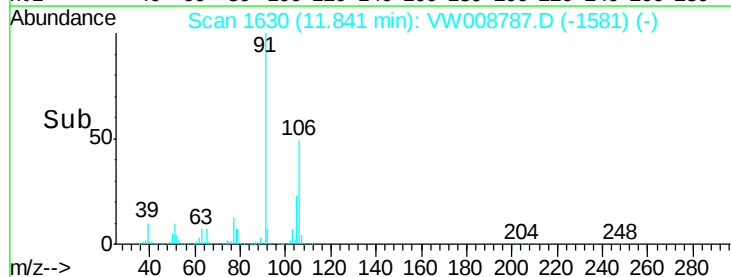
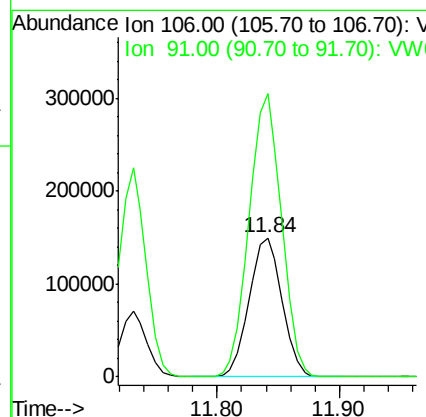
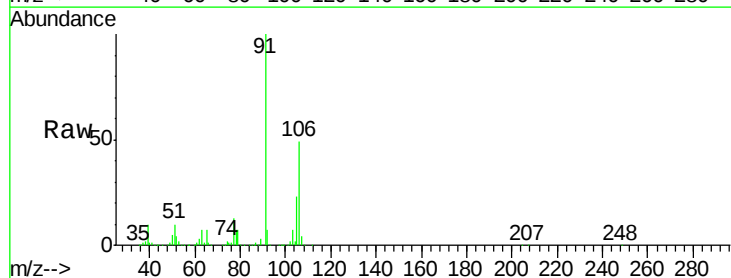
Acq: 22 Feb 2019 14:20

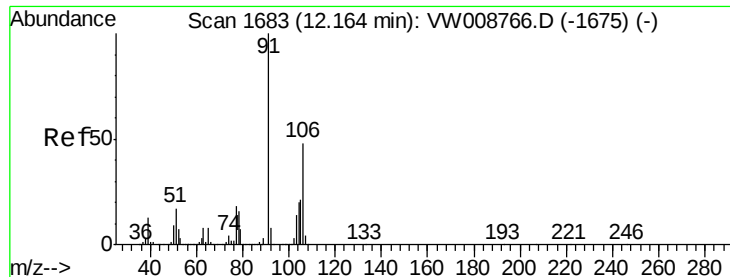
Tgt Ion: 106 Resp: 279061

Ion Ratio Lower Upper

106 100

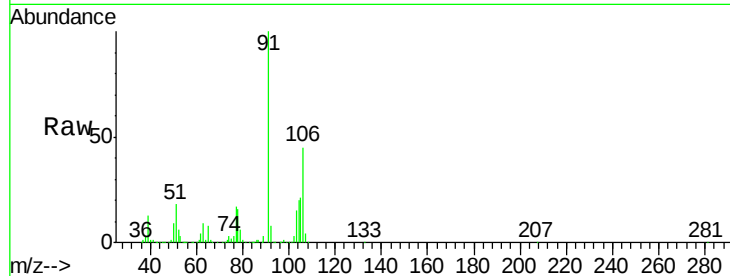
91 201.9 161.5 242.3



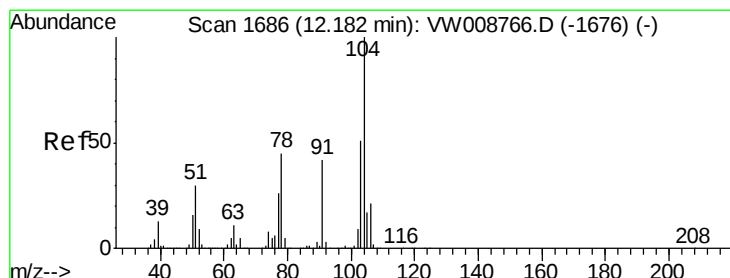
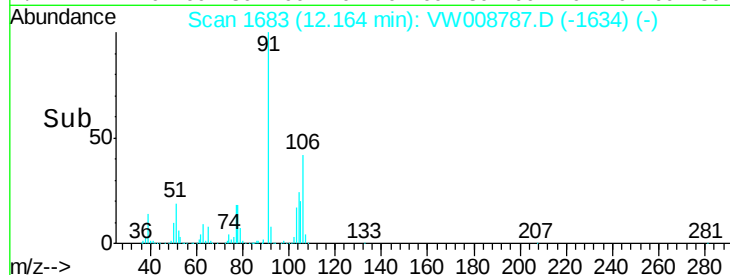
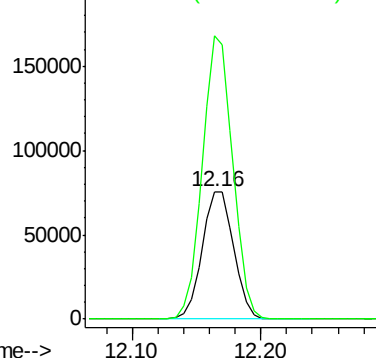


#69
o-Xylene
Concen: 19.511 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tot Ion:106 Resp: 128826
Ion Ratio Lower Upper
106 100
91 213.1 106.2 318.6

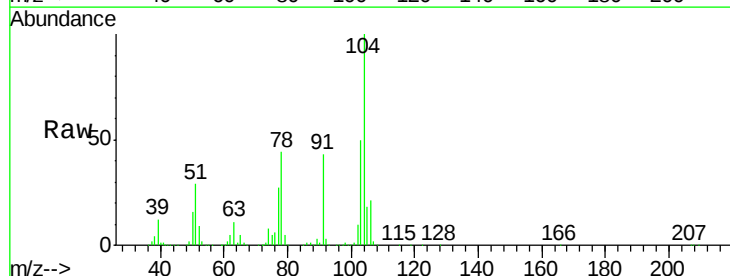


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

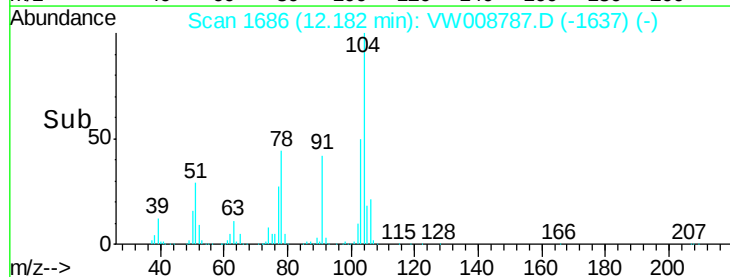
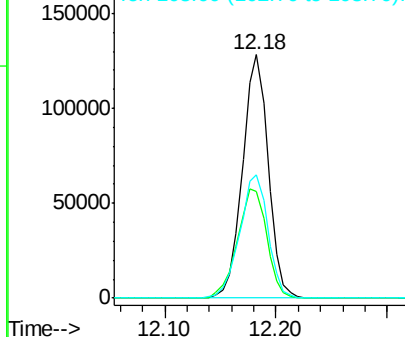


#70
Styrene
Concen: 19.317 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tgt Ion:104 Resp: 205205
Ion Ratio Lower Upper
104 100
78 51.1 40.8 61.2
103 56.0 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.208 ug/l

RT: 12.35 min Scan# 1714

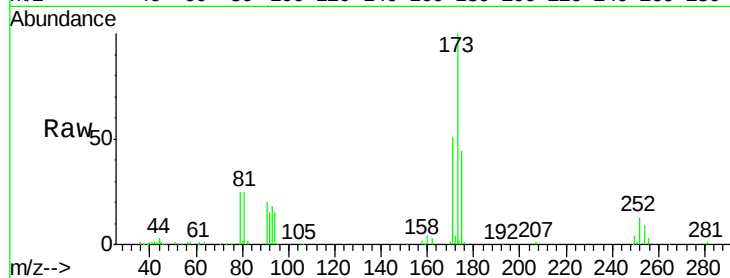
Delta R.T. 0.01 min

Lab File: VW008787.D

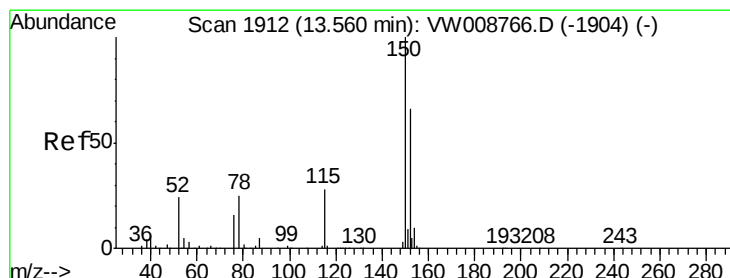
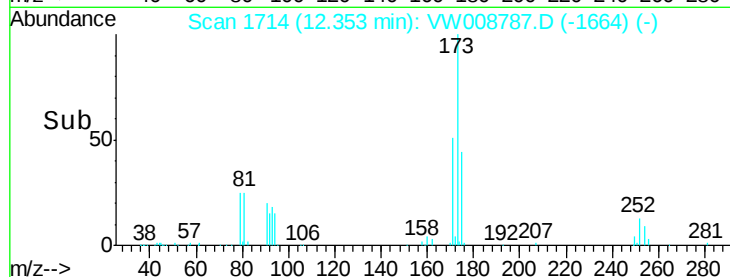
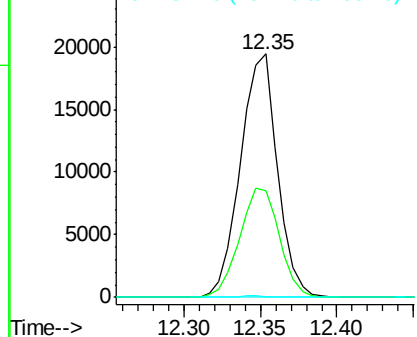
Acq: 22 Feb 2019 14:20

Tot Ion:173 Resp: 32594

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.2	72.6
254	0.5	0.2	0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

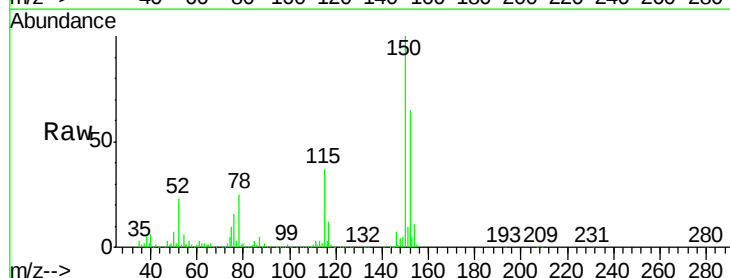
Delta R.T. 0.00 min

Lab File: VW008787.D

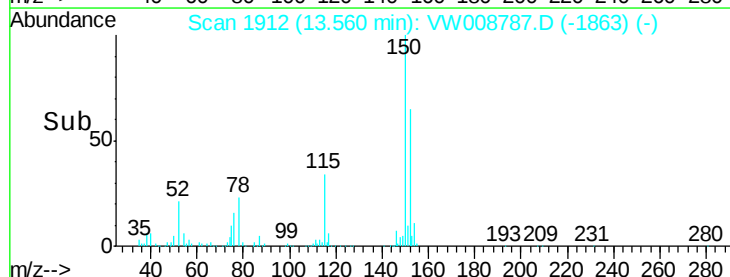
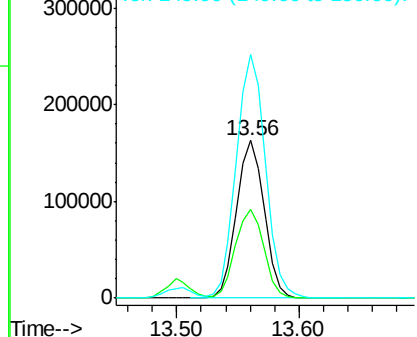
Acq: 22 Feb 2019 14:20

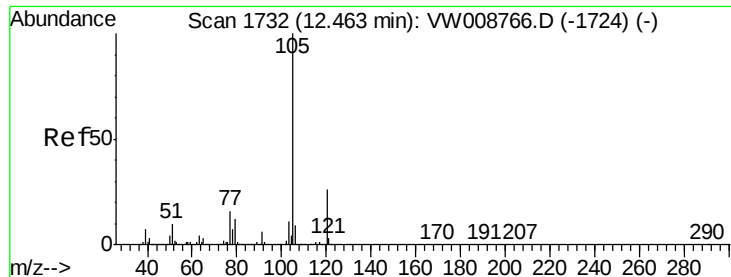
Tgt Ion:152 Resp: 254769

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.6	85.8
150	163.0	0.0	348.0



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





#73

Isopropylbenzene

Concen: 19.907 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008787.D

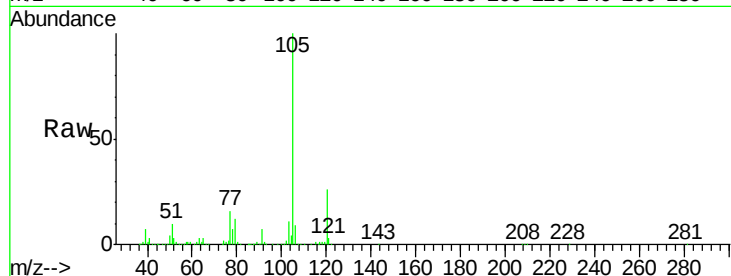
Acq: 22 Feb 2019 14:20

Tot Ion: 105 Resp: 347684

Ion Ratio Lower Upper

105 100

120 27.2 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

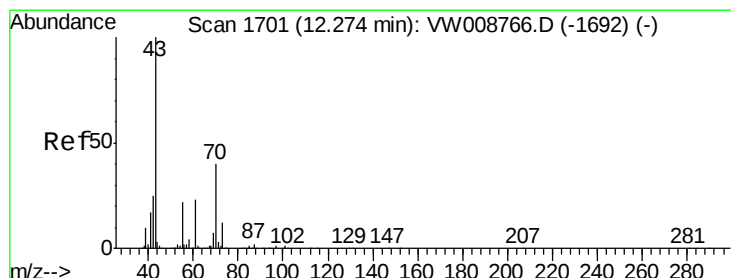
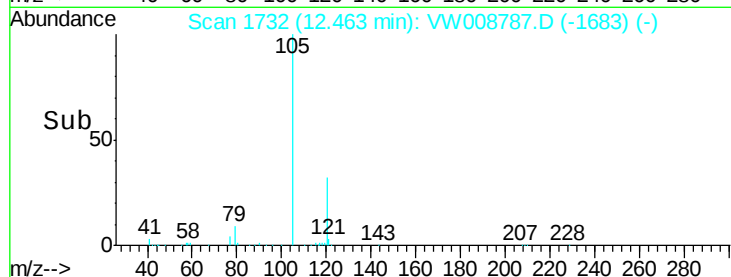
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 17.389 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

Tgt Ion: 43 Resp: 76503

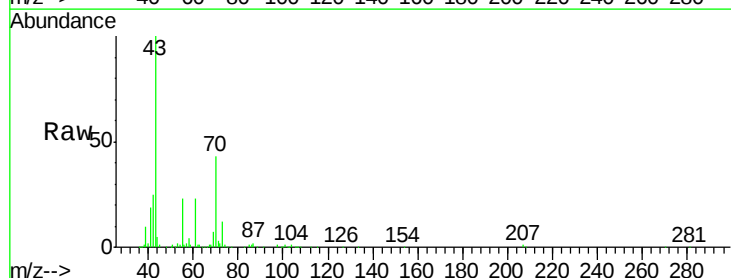
Ion Ratio Lower Upper

43 100

70 40.8 31.0 46.6

55 24.7 18.7 28.1

61 23.3 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

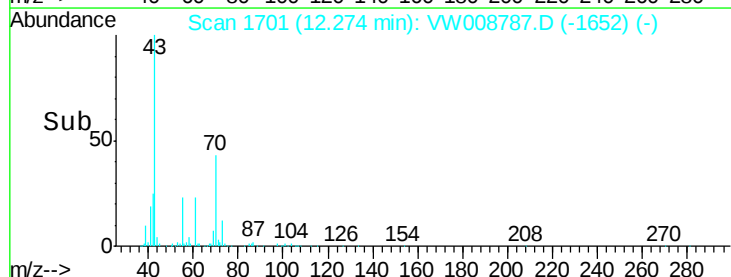
0

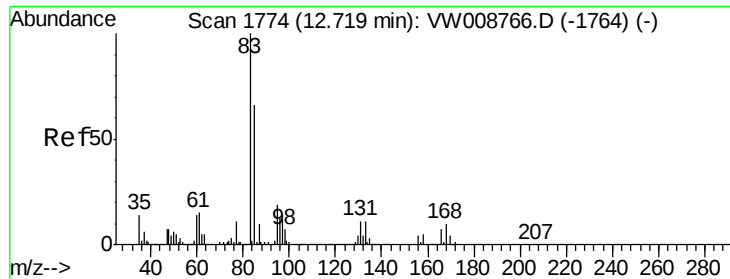
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.939 ug/l

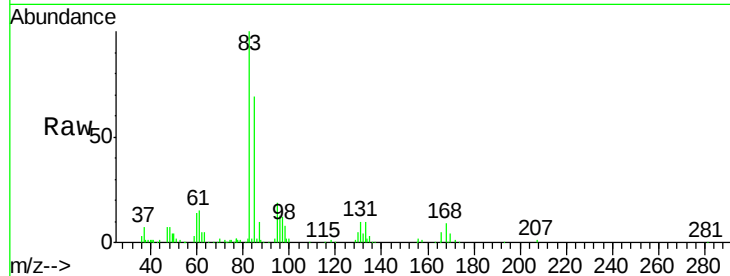
RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

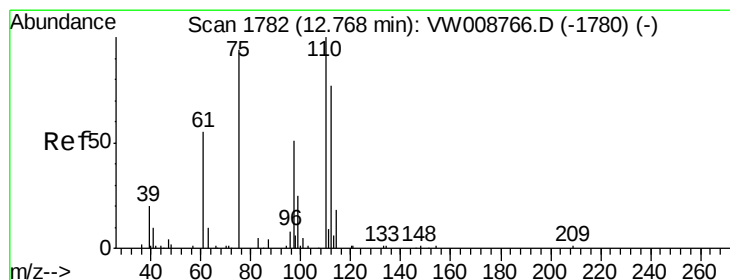
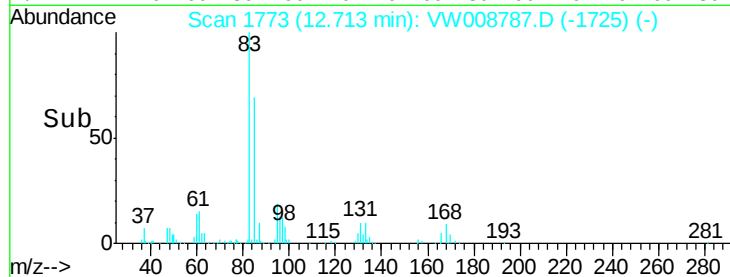
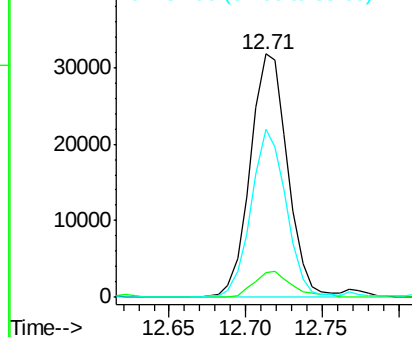
Tot Ion	83	Resp	54047
Ion Ratio	100		
Lower		5.5	16.7
Upper		33.0	98.9



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: 18.155 ug/l m

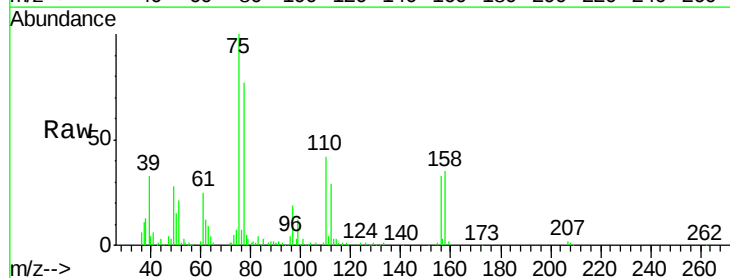
RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008787.D

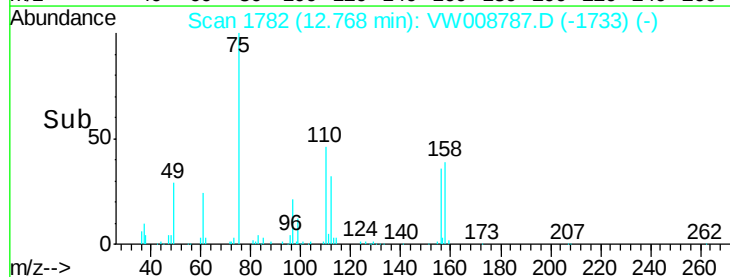
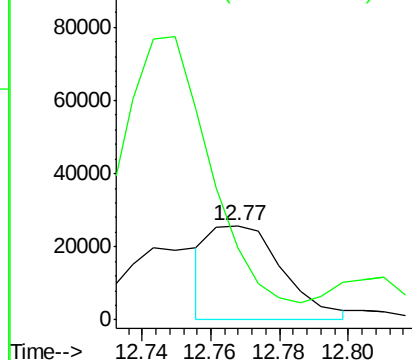
Acq: 22 Feb 2019 14:20

Tgt Ion	75	Resp	38188
Ion Ratio	100		
Lower		0.0	0.0#
Upper			



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.112 ug/l

RT: 12.75 min Scan# 1779

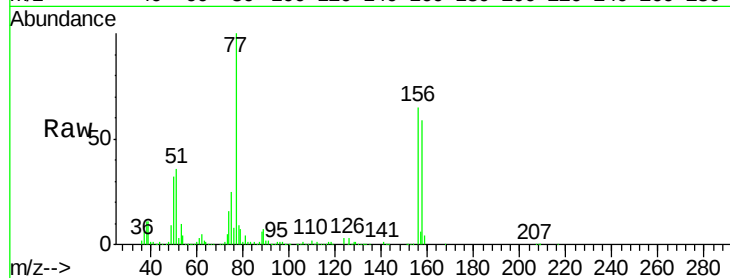
Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

Tot Ion:156 Resp: 83007

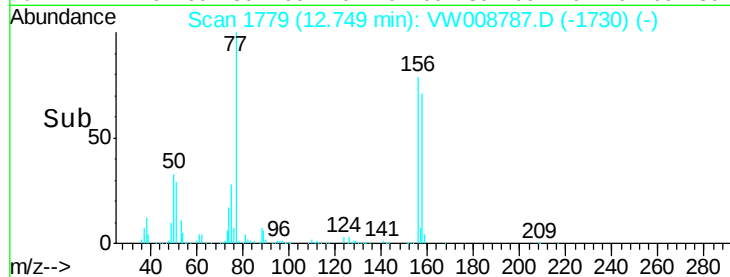
Ion	Ratio	Lower	Upper
156	100		
77	176.7	89.1	267.4
158	96.6	49.2	147.6



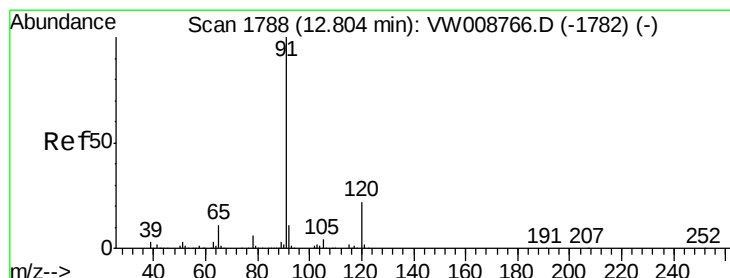
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 19.991 ug/l

RT: 12.80 min Scan# 1788

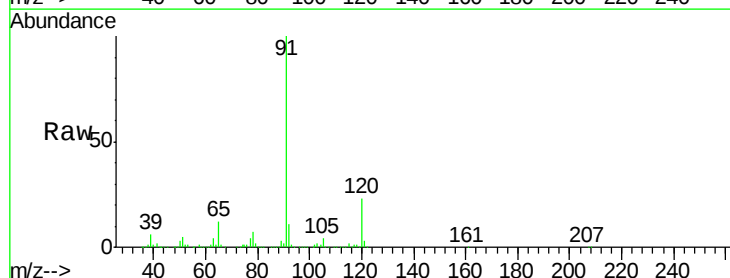
Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

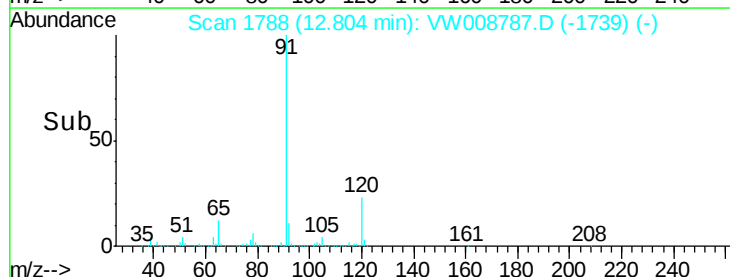
Tgt Ion: 91 Resp: 427091

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.5	34.4

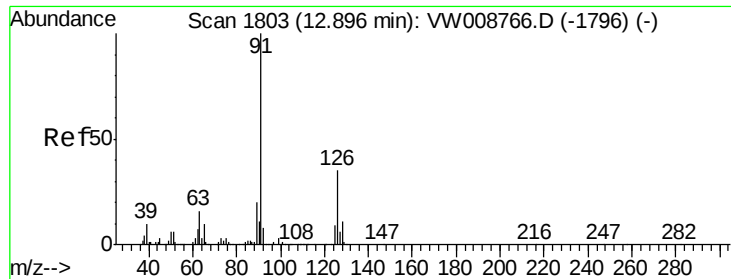


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

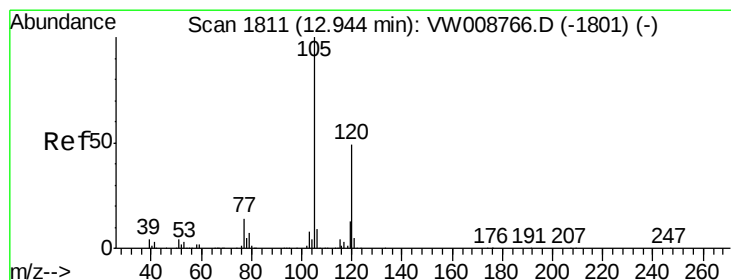
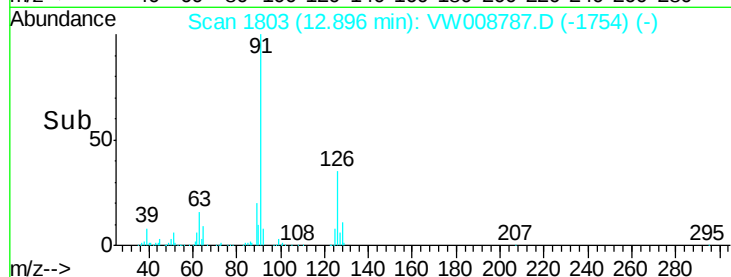
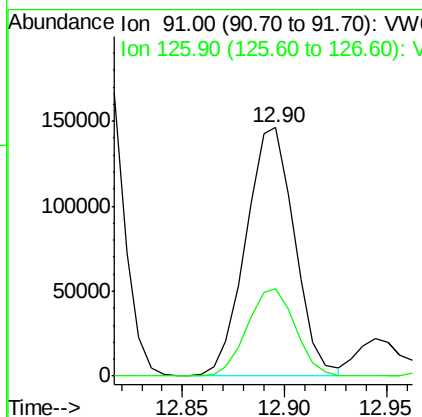
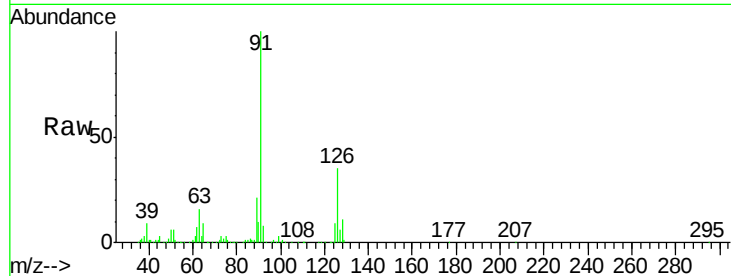


Time-->



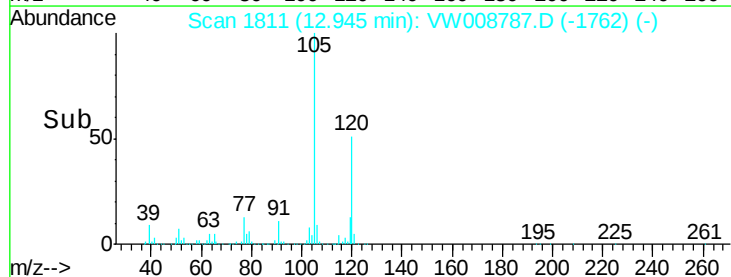
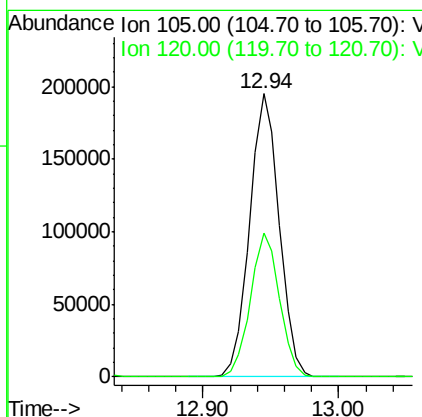
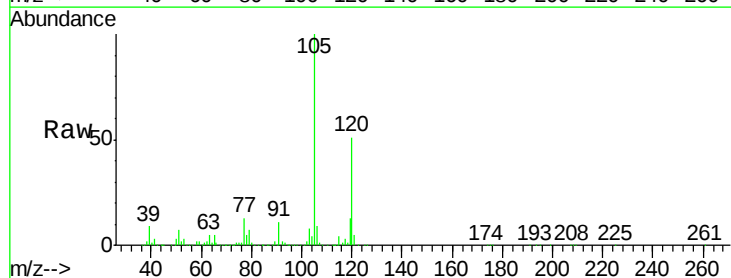
#79
 2-Chlorotoluene
 Concen: 20.014 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

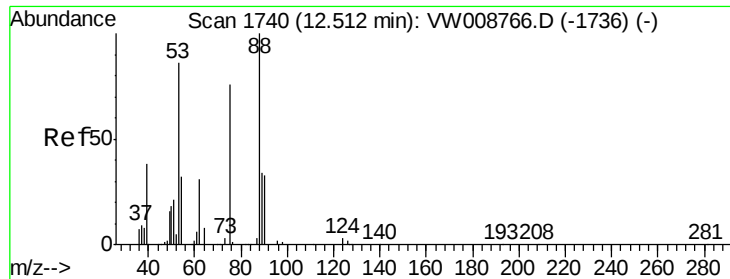
Tot Ion: 91 Resp: 242769
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.565 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

Tgt Ion: 105 Resp: 296958
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.511 ug/l

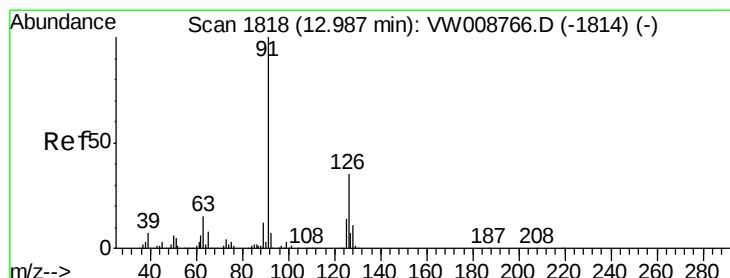
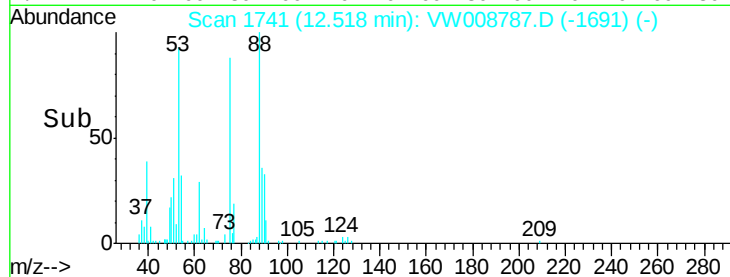
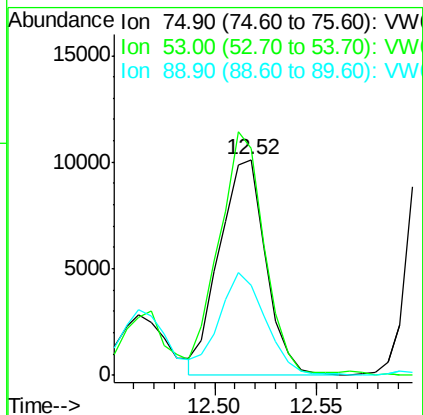
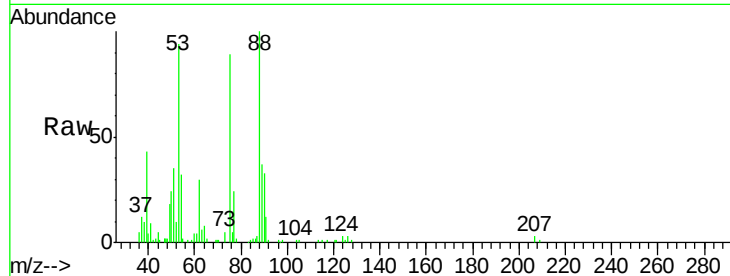
RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

Tot Ion:	75	Resp:	16016
Ion	Ratio	Lower	Upper
75	100		
53	110.7	88.2	132.2
89	47.8	39.5	59.3



#82

4-Chlorotoluene

Concen: 19.953 ug/l

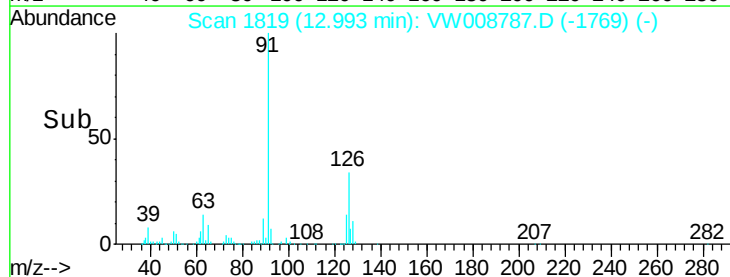
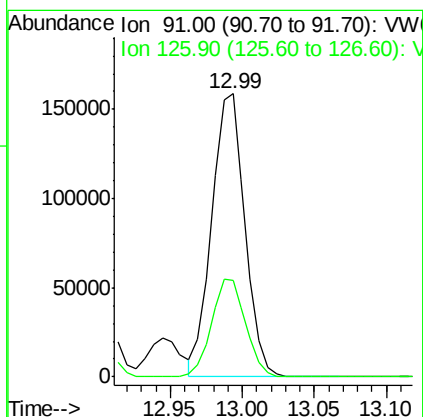
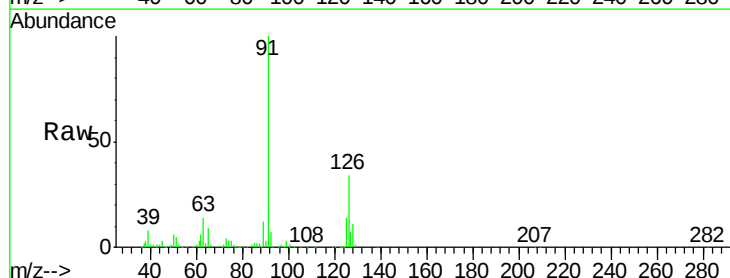
RT: 12.99 min Scan# 1819

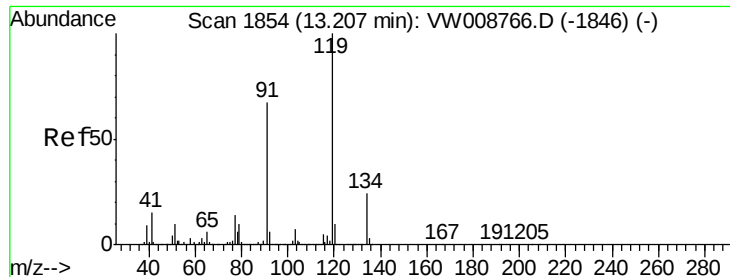
Delta R.T. 0.01 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

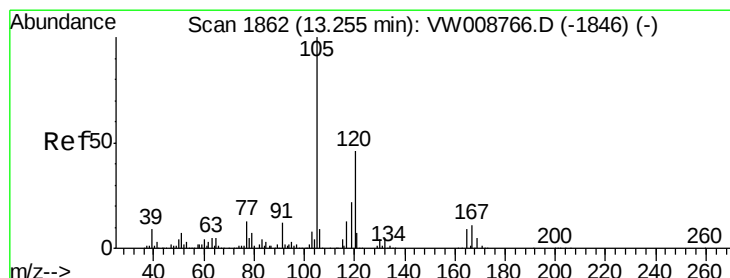
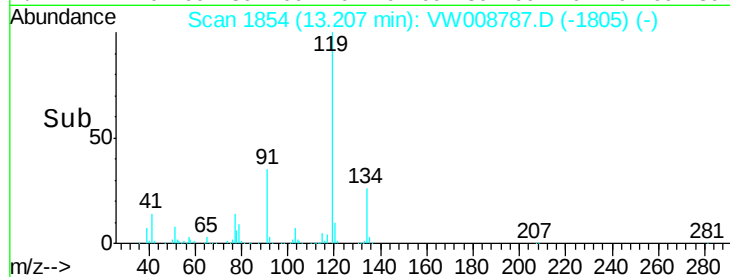
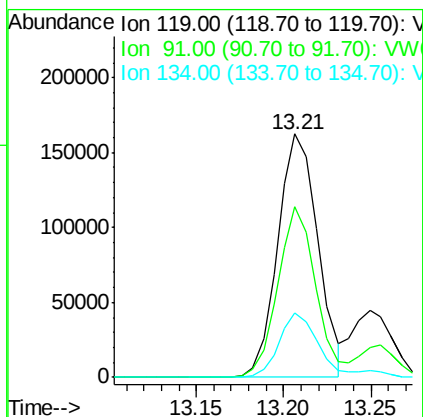
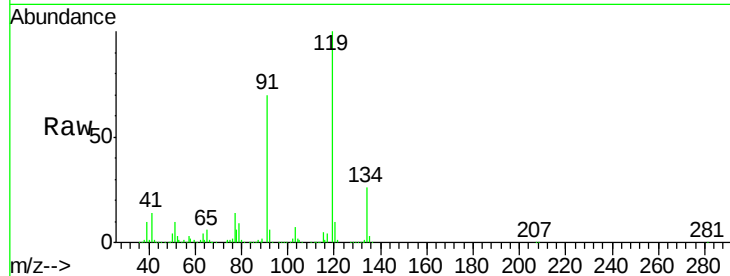
Tgt Ion:	91	Resp:	255042
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.2	51.6





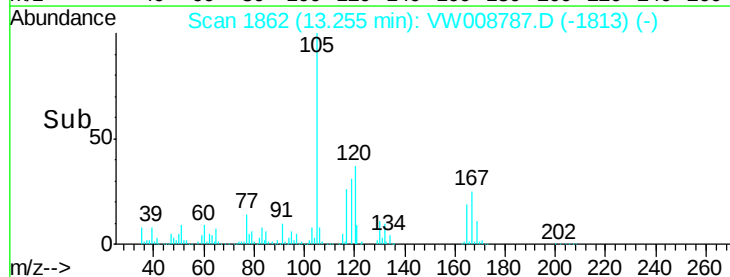
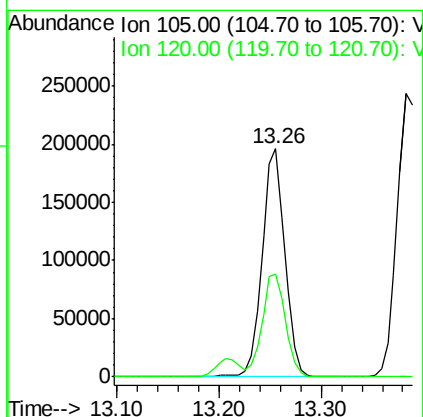
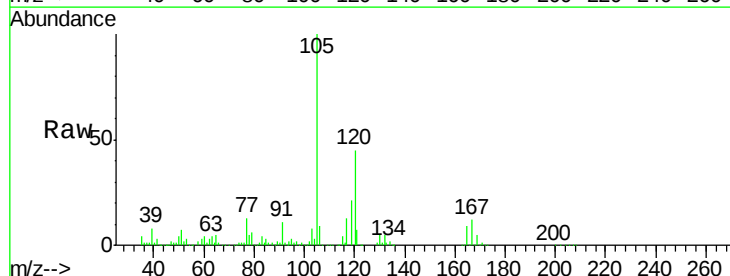
#83
tert-Butylbenzene
Concen: 19.833 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

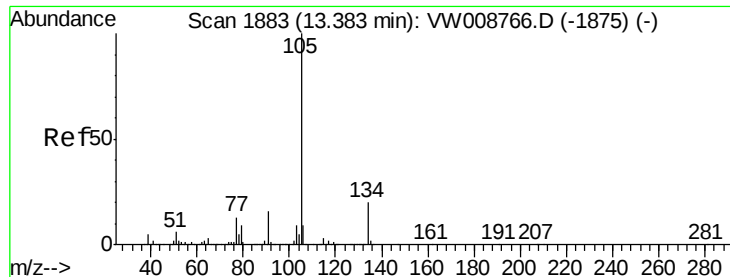
Tot Ion:119 Resp: 260285
Ion Ratio Lower Upper
119 100
91 66.6 33.6 100.8
134 27.6 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 19.310 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tgt Ion:105 Resp: 303391
Ion Ratio Lower Upper
105 100
120 46.2 22.8 68.4





#85

sec-Butylbenzene

Concen: 20.099 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008787.D

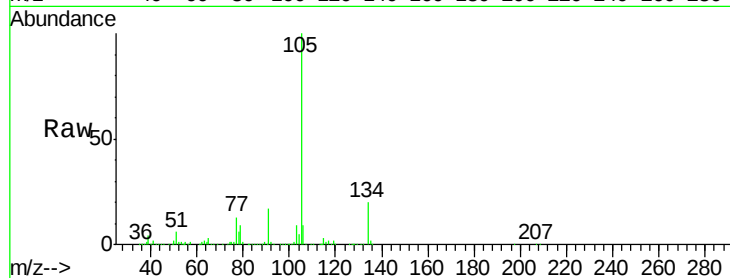
Acq: 22 Feb 2019 14:20

Tot Ion:105 Resp: 379274

Ion Ratio Lower Upper

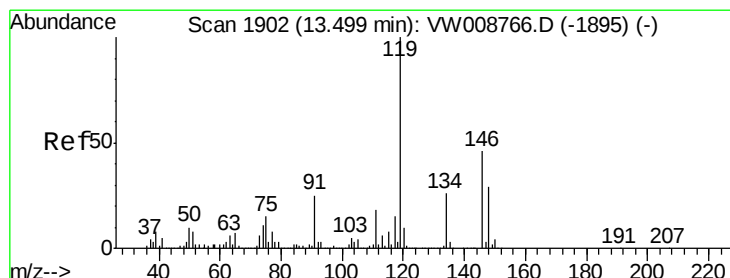
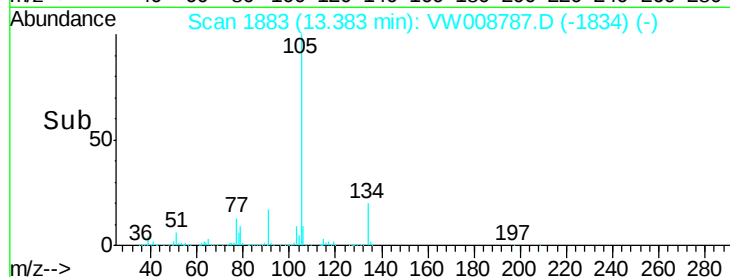
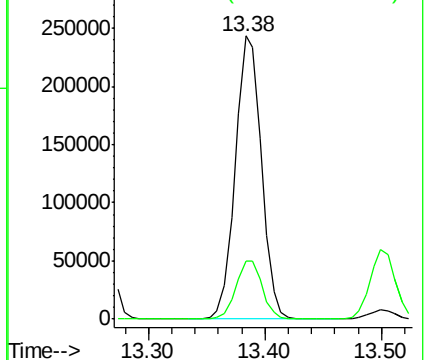
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.343 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

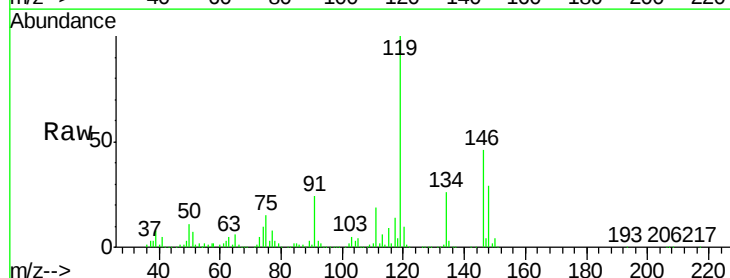
Tgt Ion:119 Resp: 334628

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

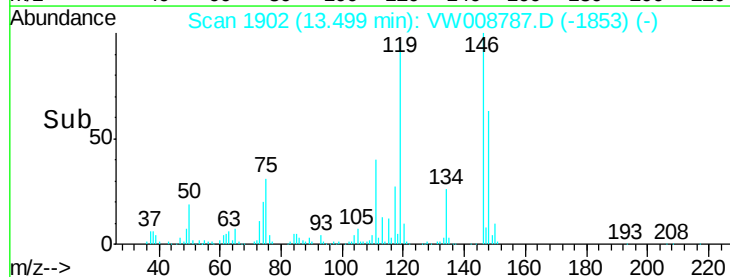
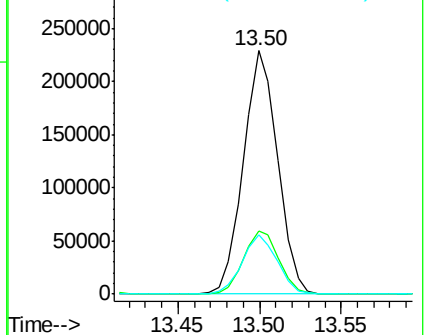
91 24.9 12.1 36.3

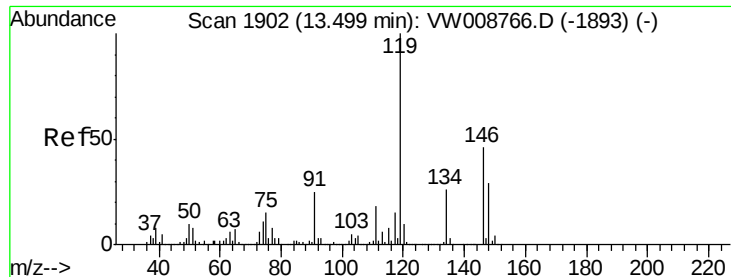


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

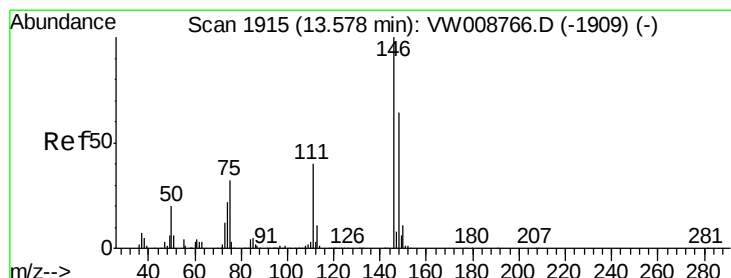
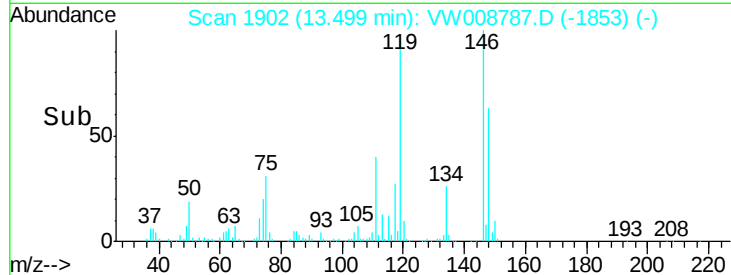
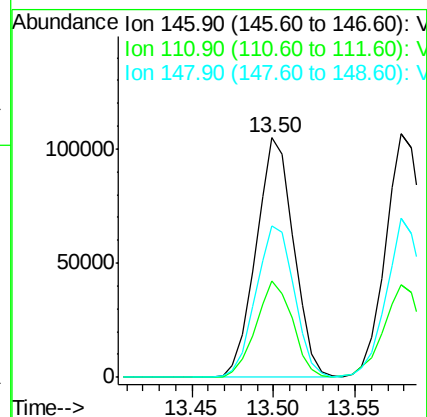
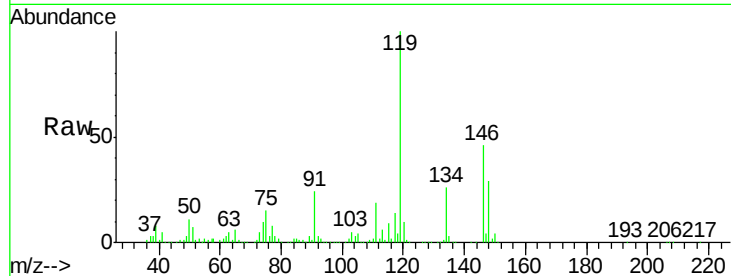
Ion 91.00 (90.70 to 91.70): V





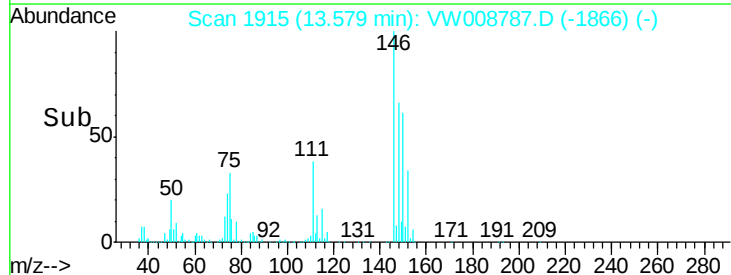
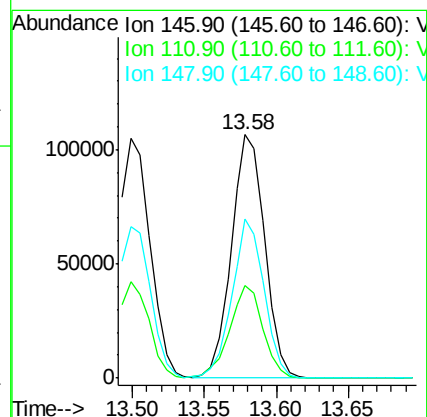
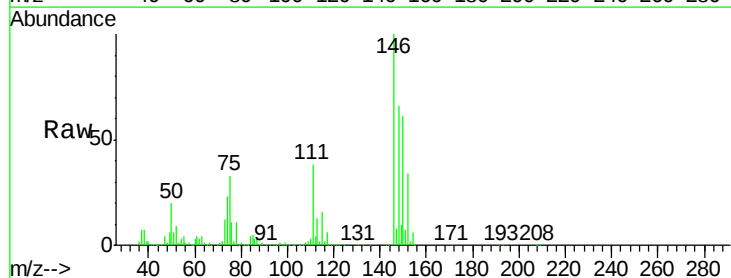
#87
 1,3-Dichlorobenzene
 Concen: 19.705 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

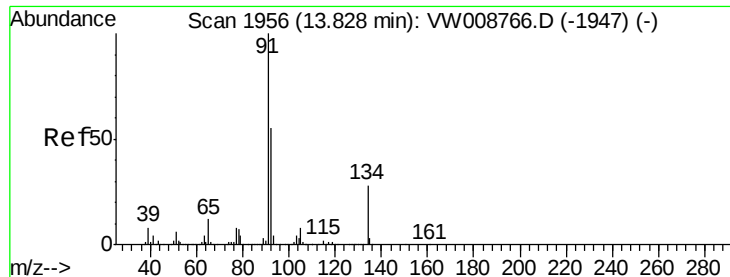
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	64.2	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.413 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

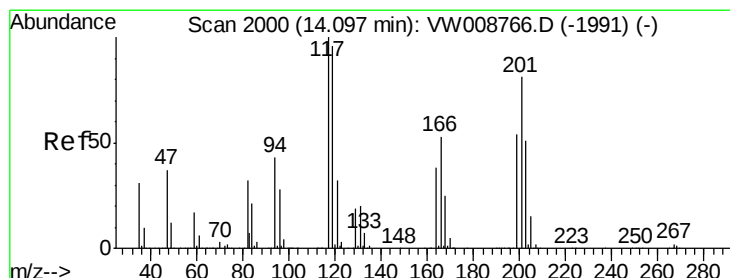
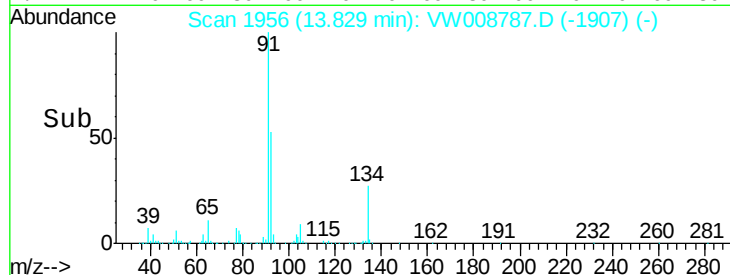
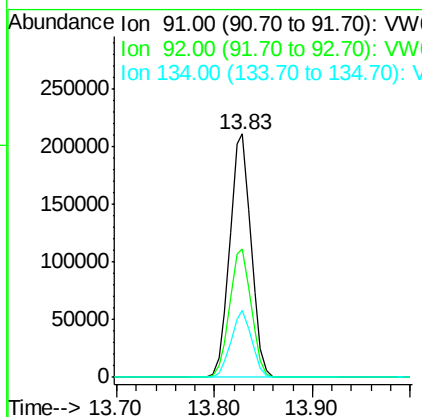
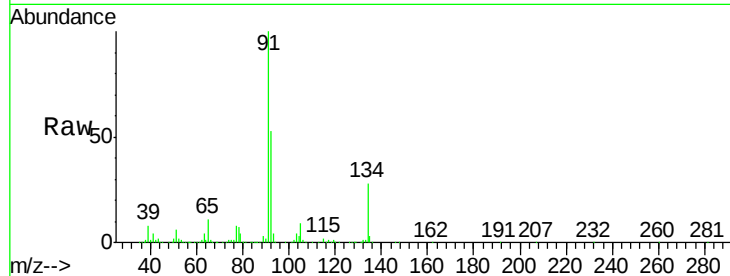
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.9
148	63.0	31.9	95.9





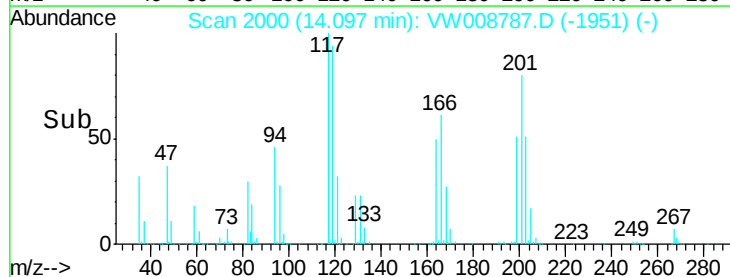
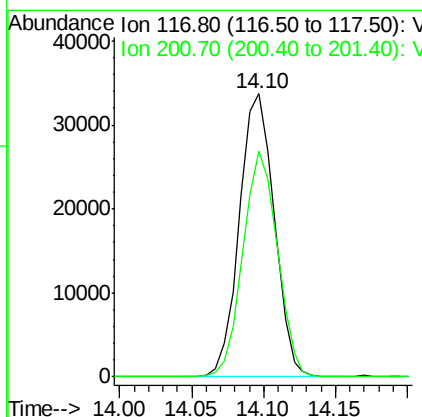
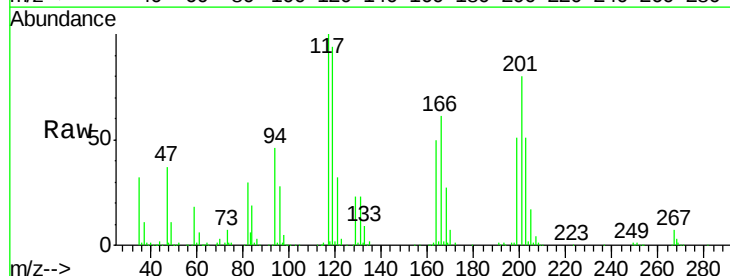
#89
n-Butylbenzene
Concen: 19.631 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

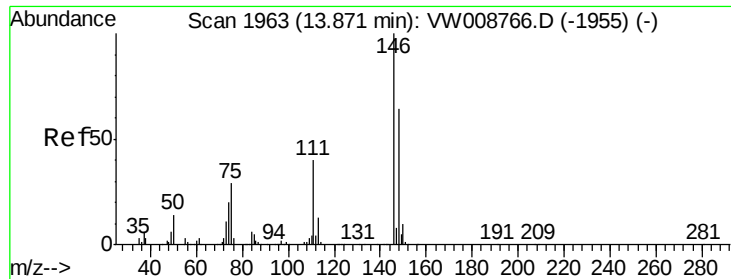
Tot Ion: 91 Resp: 318152
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.4
134 26.8 13.5 40.4



#90
Hexachloroethane
Concen: 19.973 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008787.D
Acq: 22 Feb 2019 14:20

Tgt Ion: 117 Resp: 56562
Ion Ratio Lower Upper
117 100
201 78.5 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 19.753 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

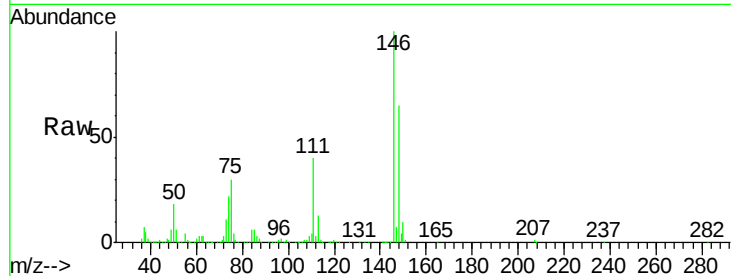
Tot Ion:146 Resp: 150713

Ion Ratio Lower Upper

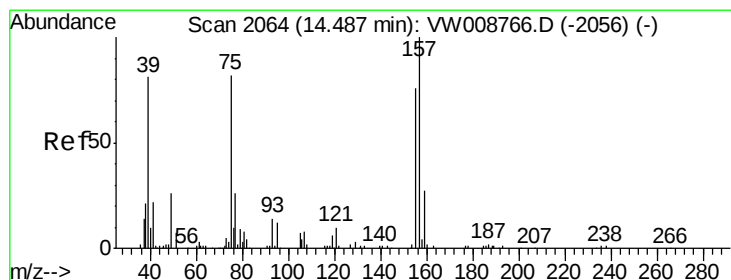
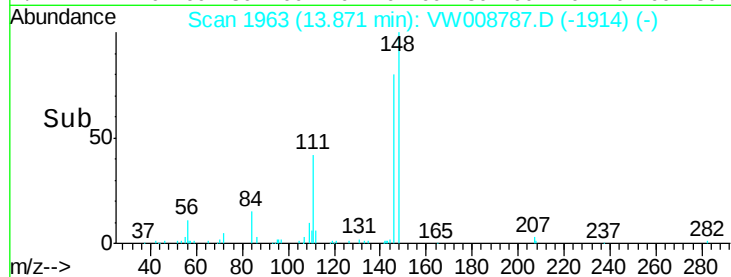
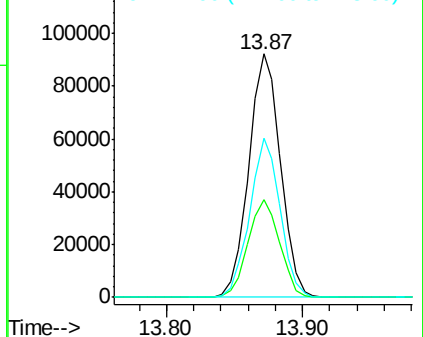
146 100

111 40.1 20.3 60.8

148 63.0 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: 17.916 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

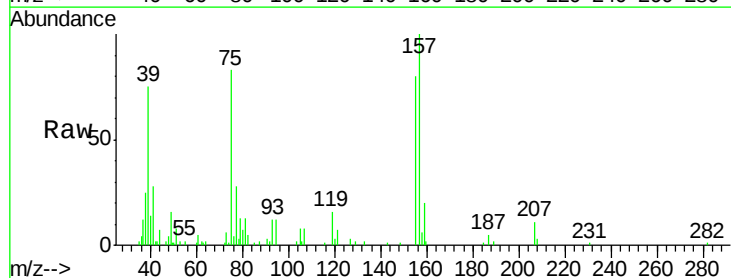
Tgt Ion: 75 Resp: 9249

Ion Ratio Lower Upper

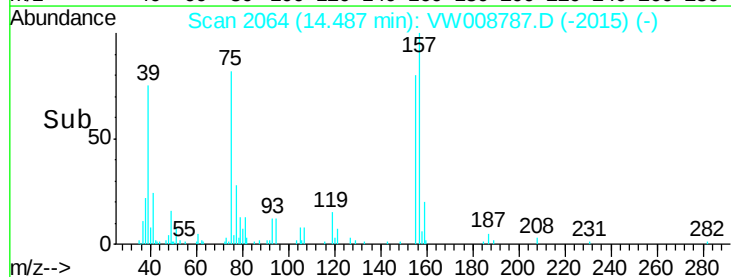
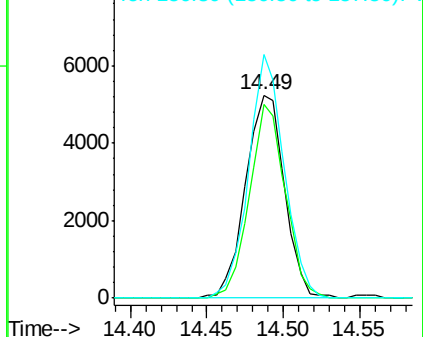
75 100

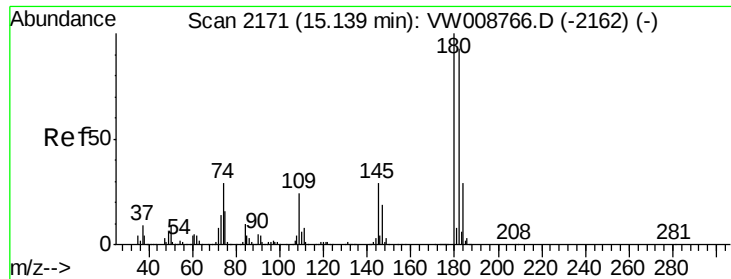
155 88.2 41.8 125.4

157 109.6 56.6 169.9



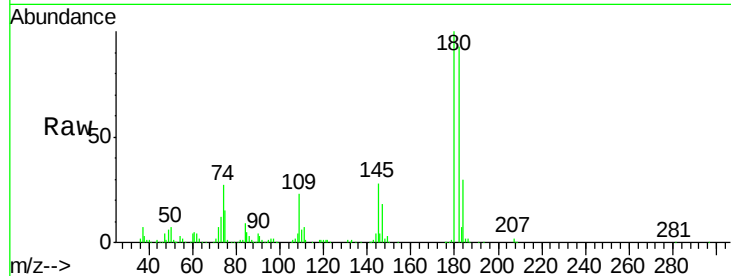
Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



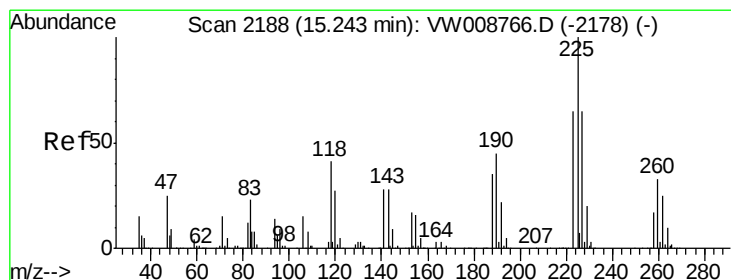
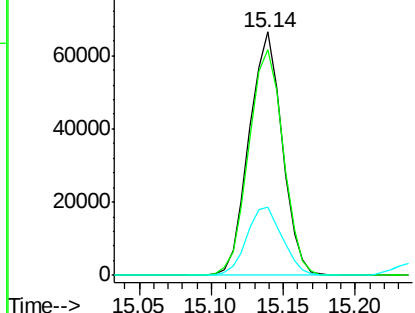
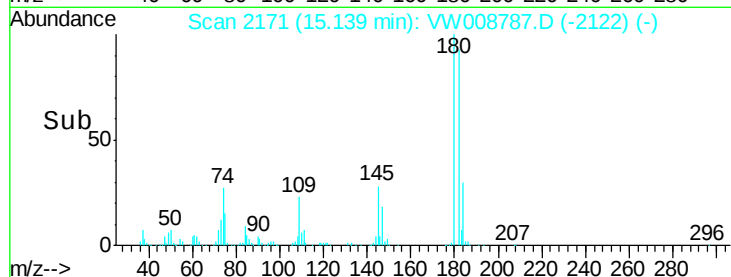


#93
 1,2,4-Trichlorobenzene
 Concen: 19.156 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.2	141.6
145	30.0	14.4	43.0

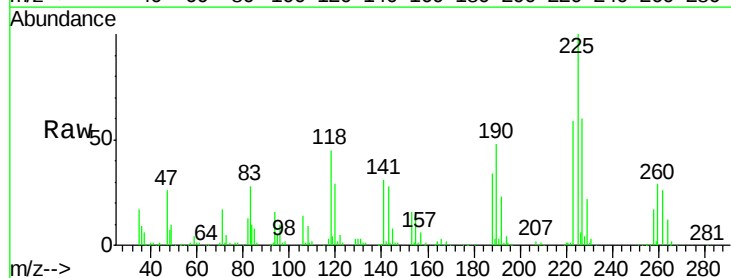


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

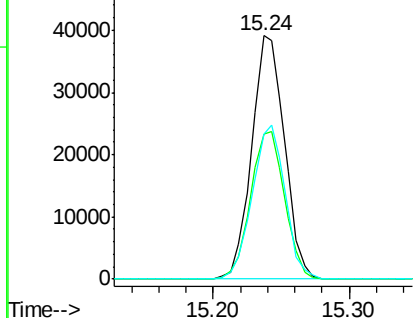
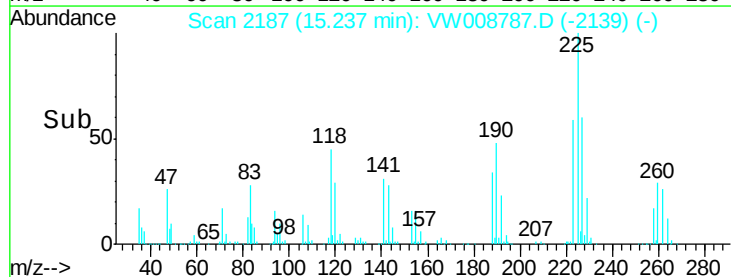


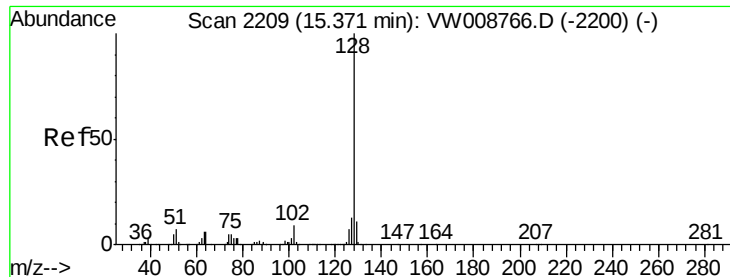
#94
 Hexachlorobutadiene
 Concen: 20.483 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW008787.D
 Acq: 22 Feb 2019 14:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.5	94.5
227	63.3	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: 17.926 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

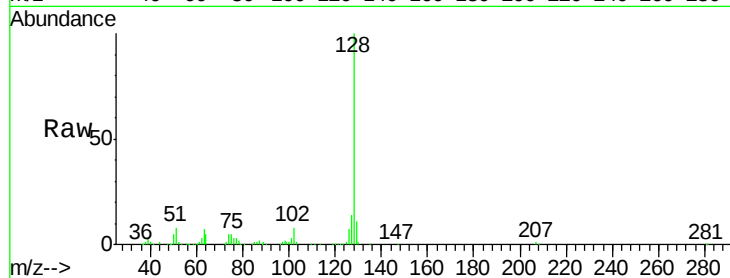
Tot Ion:128 Resp: 167785

Ion Ratio Lower Upper

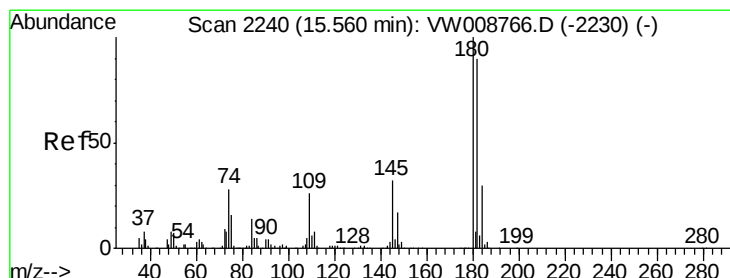
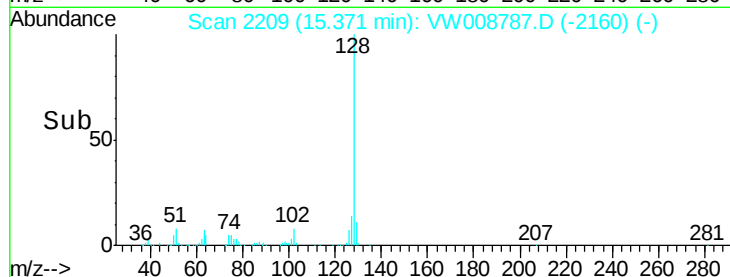
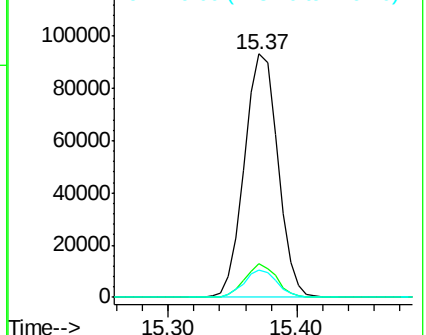
128 100

127 13.2 10.8 16.2

129 11.0 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 19.258 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW008787.D

Acq: 22 Feb 2019 14:20

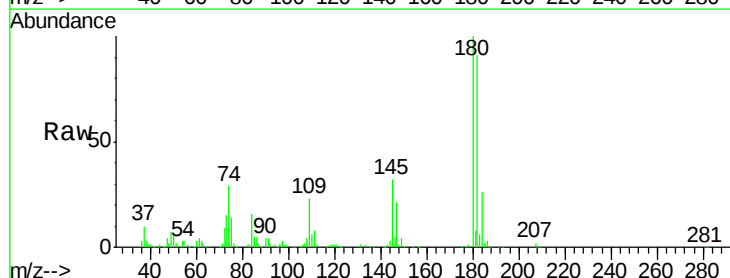
Tgt Ion:180 Resp: 91538

Ion Ratio Lower Upper

180 100

182 93.3 46.9 140.8

145 32.0 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

