

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022219\
 Data File : VW008785.D
 Acq On : 22 Feb 2019 12:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 23 03:23:22 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	345915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	476465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	454121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155027	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	7.88	113	147665	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.32	98	601019	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
62) 4-Bromofluorobenzene	12.62	95	222481	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	168580	48.658	ug/l	99
3) Chloromethane	2.21	50	213591	50.646	ug/l	100
4) Vinyl Chloride	2.36	62	218445	48.921	ug/l	100
5) Bromomethane	2.76	94	165535	49.911	ug/l	99
6) Chloroethane	2.92	64	149219	47.061	ug/l	99
7) Trichlorofluoromethane	3.26	101	279713	49.530	ug/l	97
8) Diethyl Ether	3.68	74	80209	44.862	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	165835	48.356	ug/l	99
10) Methyl Iodide	4.27	142	221723	51.702	ug/l	99
11) Tert butyl alcohol	5.18	59	54380	188.273	ug/l	99
12) 1,1-Dichloroethene	4.04	96	148465	49.019	ug/l	99
13) Acrolein	3.90	56	70140	231.790	ug/l	96
14) Allyl chloride	4.67	41	250903	47.999	ug/l	98
15) Acrylonitrile	5.37	53	174711	227.691	ug/l	98
16) Acetone	4.13	43	180121	239.517	ug/l	99
17) Carbon Disulfide	4.38	76	495958	49.354	ug/l	96
18) Methyl Acetate	4.68	43	78122	43.797	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	374971	45.741	ug/l	98
20) Methylene Chloride	4.91	84	167844	44.774	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	166535	47.535	ug/l	89
22) Diisopropyl ether	6.31	45	489410	46.934	ug/l	98
23) Vinyl Acetate	6.26	43	1513650	234.941	ug/l	98
24) 1,1-Dichloroethane	6.21	63	283554	46.927	ug/l	98
25) 2-Butanone	7.17	43	243082	231.205	ug/l	98
26) 2,2-Dichloropropane	7.17	77	267023	48.675	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	175620	46.862	ug/l	99
28) Bromochloromethane	7.51	49	108310	42.834	ug/l	99
29) Tetrahydrofuran	7.53	42	148698	221.934	ug/l	98
30) Chloroform	7.67	83	288903	46.606	ug/l	97
31) Cyclohexane	7.95	56	290666	47.522	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	271536	48.168	ug/l	99
36) 1,1-Dichloropropene	8.08	75	243505	52.501	ug/l	99
37) Ethyl Acetate	7.25	43	103791	48.122	ug/l	99
38) Carbon Tetrachloride	8.07	117	251475	51.413	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	302525	52.293	ug/l	98
40) Benzene	8.32	78	646813	51.077	ug/l	99
41) Methacrylonitrile	7.48	41	59162	46.665	ug/l	96
42) 1,2-Dichloroethane	8.40	62	192165	47.904	ug/l	99
43) Isopropyl Acetate	8.42	43	204777	47.572	ug/l	99
44) Trichloroethene	9.09	130	185364	51.961	ug/l	96
45) 1,2-Dichloropropane	9.37	63	153152	48.941	ug/l	98
46) Dibromomethane	9.46	93	81732	46.955	ug/l	99
47) Bromodichloromethane	9.64	83	209473	49.462	ug/l	97
48) Methyl methacrylate	9.43	41	97043	47.071	ug/l	99
49) 1,4-Dioxane	9.45	88	24392	875.057	ug/l #	71
51) 4-Methyl-2-Pentanone	10.21	43	530512	242.749	ug/l	100
52) Toluene	10.38	92	444558	51.727	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	214629	49.722	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	248923	50.562	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	114704	48.591	ug/l	96
56) Ethyl methacrylate	10.65	69	153829	50.158	ug/l	98
57) 1,3-Dichloropropane	10.93	76	200145	48.021	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	363561	235.699	ug/l	99
59) 2-Hexanone	10.97	43	391438	251.618	ug/l	99
60) Dibromochloromethane	11.13	129	140964	48.958	ug/l	98
61) 1,2-Dibromoethane	11.23	107	113691	48.656	ug/l	100
64) Tetrachloroethene	10.86	164	167459	51.515	ug/l	97
65) Chlorobenzene	11.66	112	483383	50.622	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	157903	48.906	ug/l	98
67) Ethyl Benzene	11.73	91	887863	52.013	ug/l	98
68) m/p-Xylenes	11.84	106	705679	103.466	ug/l	99
69) o-Xylene	12.16	106	327250	51.119	ug/l	98
70) Styrene	12.18	104	527776	51.244	ug/l	99
71) Bromoform	12.35	173	84961	48.954	ug/l #	100
73) Isopropylbenzene	12.46	105	905787	53.977	ug/l	100
74) N-amyl acetate	12.27	43	211644	50.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	134212	48.948	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	189513	93.771	ug/l #	100
77) Bromobenzene	12.75	156	206640	52.109	ug/l	98
78) n-propylbenzene	12.80	91	1102465	53.708	ug/l	99
79) 2-Chlorotoluene	12.90	91	606083	52.005	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	756278	51.861	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42878	51.578	ug/l	98
82) 4-Chlorotoluene	12.99	91	641661	52.247	ug/l	99
83) tert-Butylbenzene	13.21	119	666225	52.836	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	774959	51.336	ug/l	100
85) sec-Butylbenzene	13.38	105	962375	53.079	ug/l	100
86) p-Isopropyltoluene	13.50	119	859786	51.728	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	415604	50.514	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	415115	51.193	ug/l	100
89) n-Butylbenzene	13.83	91	813838	52.264	ug/l	99
90) Hexachloroethane	14.10	117	145600	53.510	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	367044	50.068	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24273	48.937	ug/l	96

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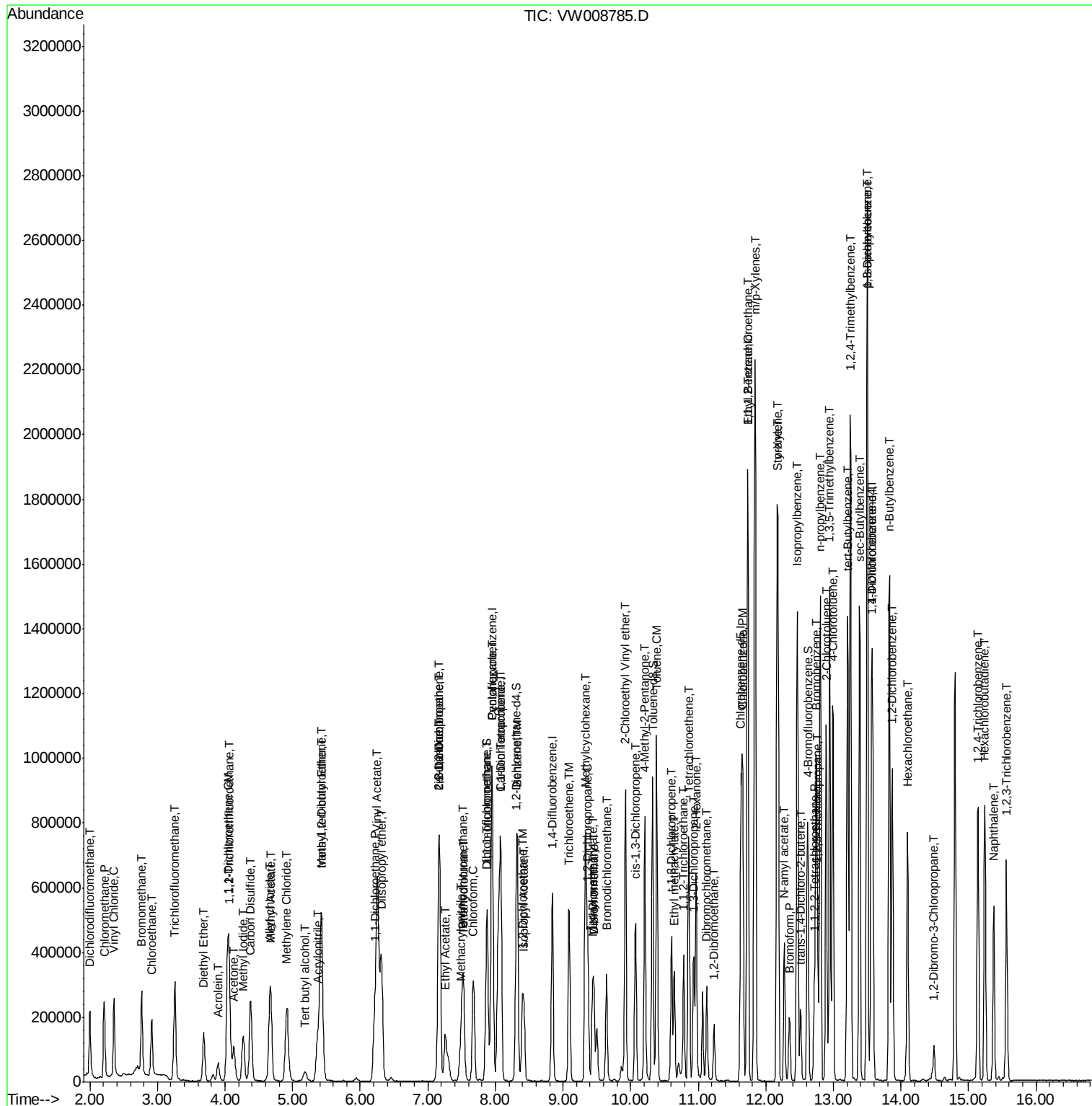
Quant Time: Feb 23 03:23:22 2019
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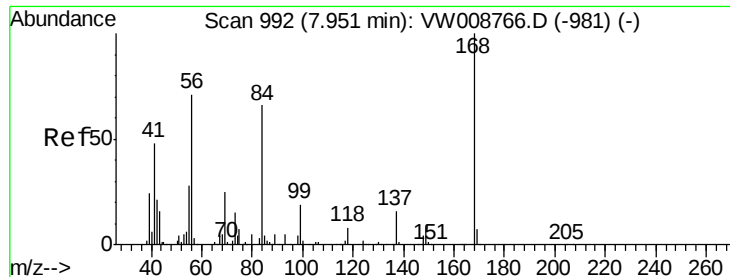
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	263537	49.893	ug/l	98
94) Hexachlorobutadiene	15.24	225	159774	51.353	ug/l	99
95) Naphthalene	15.37	128	450342	50.076	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	227871	49.896	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008785.D

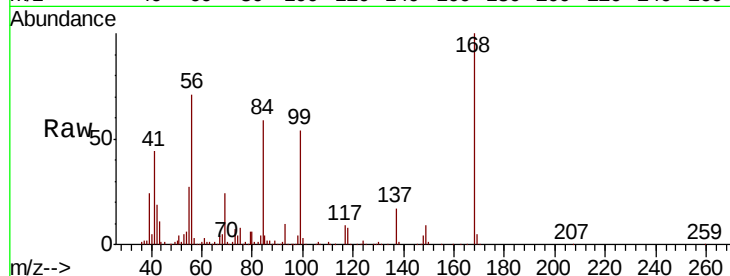
Acq: 22 Feb 2019 12:30

Tgt Ion: 168 Resp: 345915

Ion Ratio Lower Upper

168 100

99 53.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

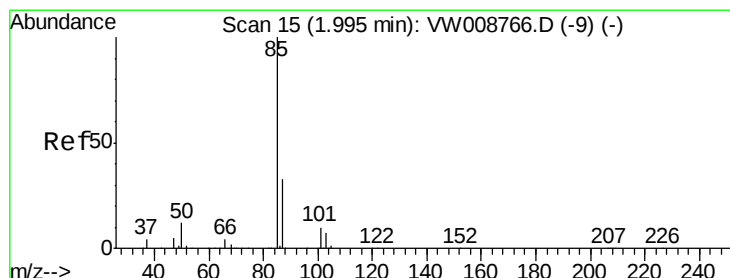
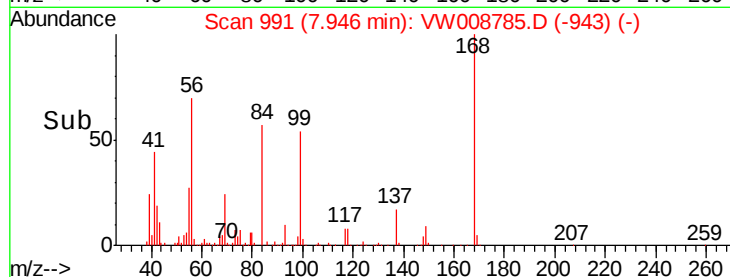
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 48.658 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008785.D

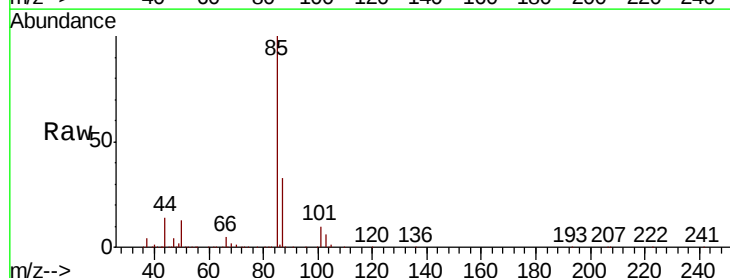
Acq: 22 Feb 2019 12:30

Tgt Ion: 85 Resp: 168580

Ion Ratio Lower Upper

85 100

87 33.3 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

120000

100000

80000

60000

40000

20000

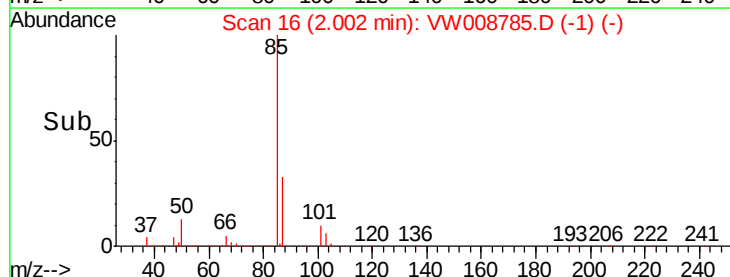
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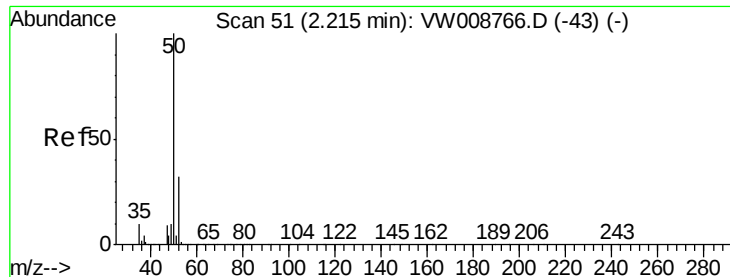
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 50.646 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008785.D

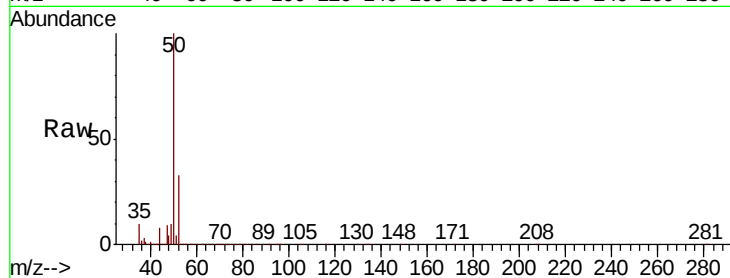
Acq: 22 Feb 2019 12:30

Tgt Ion: 50 Resp: 213591

Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

150000

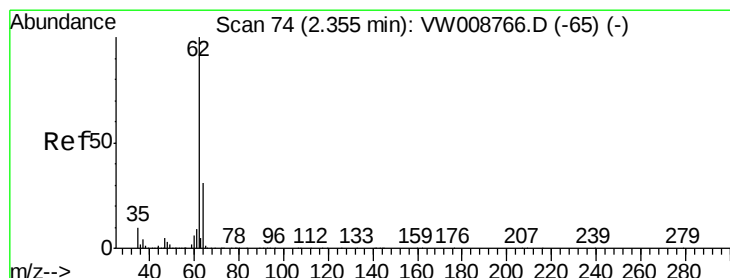
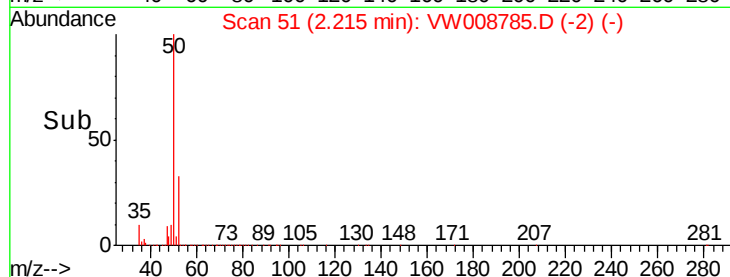
2.21

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.921 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008785.D

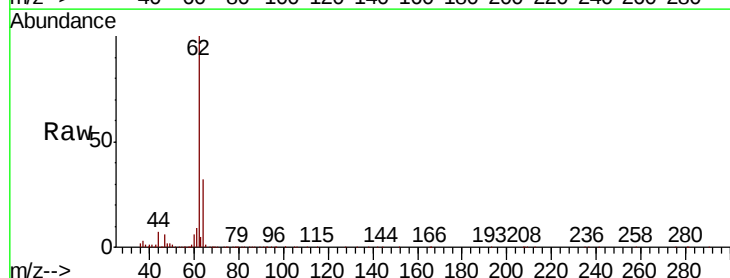
Acq: 22 Feb 2019 12:30

Tgt Ion: 62 Resp: 218445

Ion Ratio Lower Upper

62 100

64 31.3 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

150000

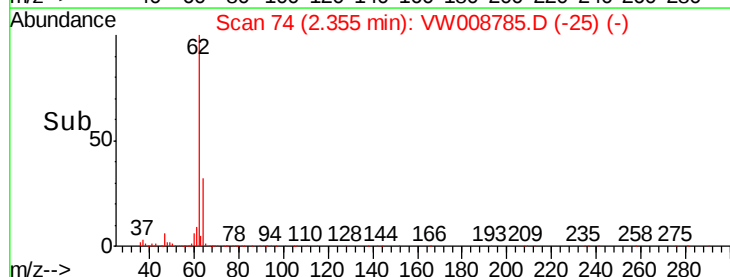
2.36

100000

50000

0

Time-->





#5

Bromomethane

Concen: 49.911 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW008785.D

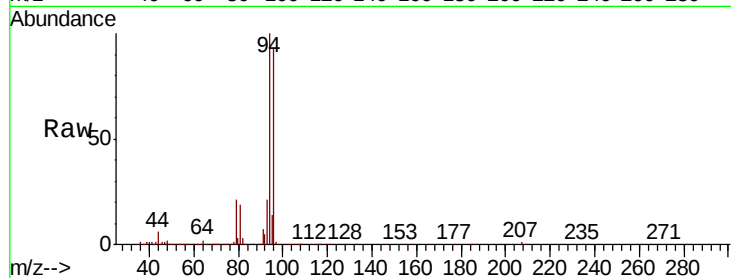
Acq: 22 Feb 2019 12:30

Tgt Ion: 94 Resp: 165535

Ion Ratio Lower Upper

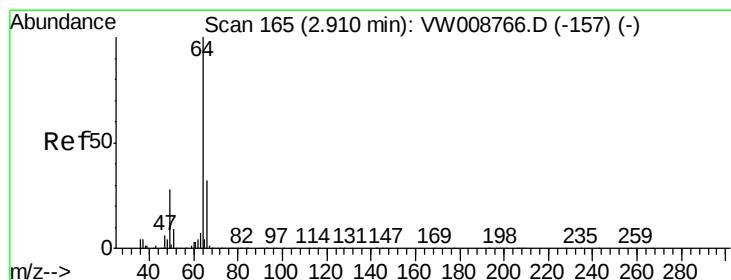
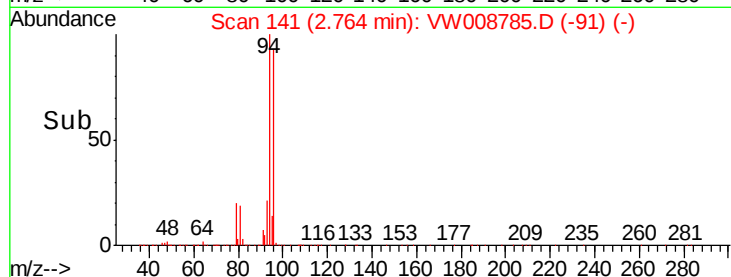
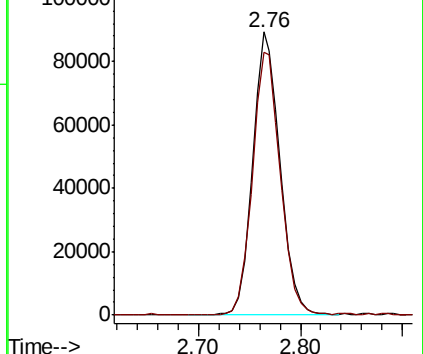
94 100

96 92.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 47.061 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW008785.D

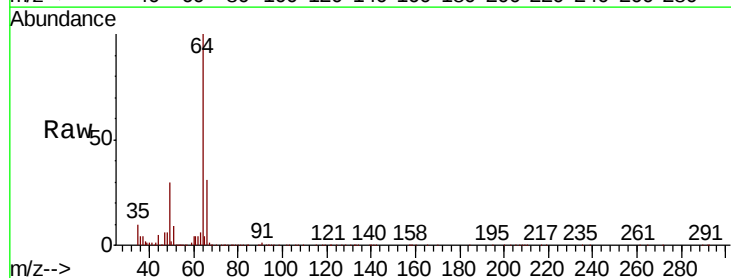
Acq: 22 Feb 2019 12:30

Tgt Ion: 64 Resp: 149219

Ion Ratio Lower Upper

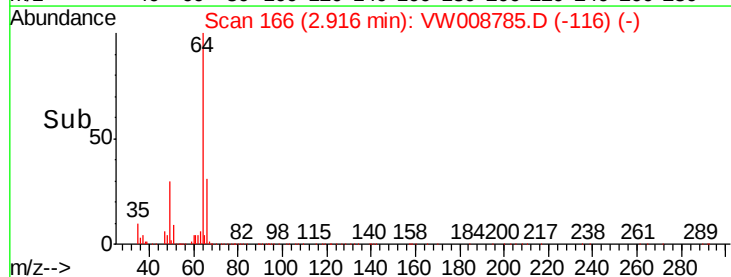
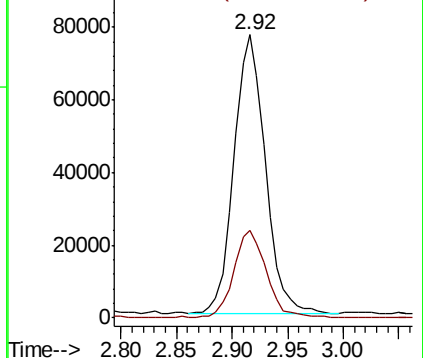
64 100

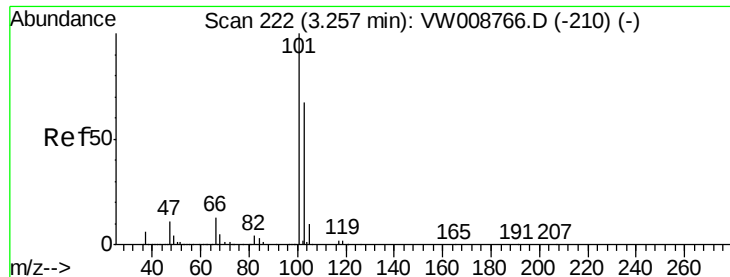
66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

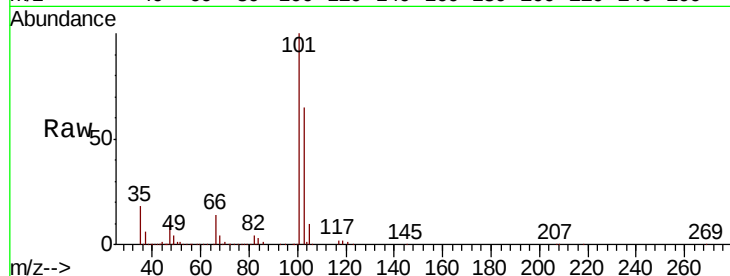




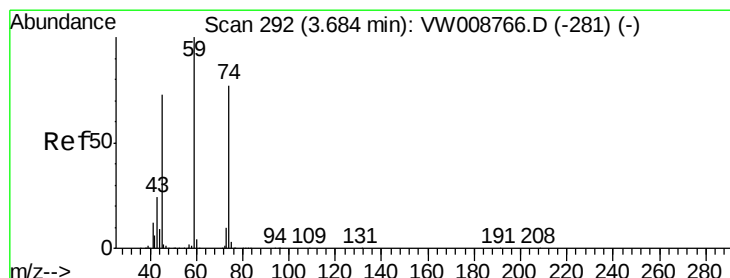
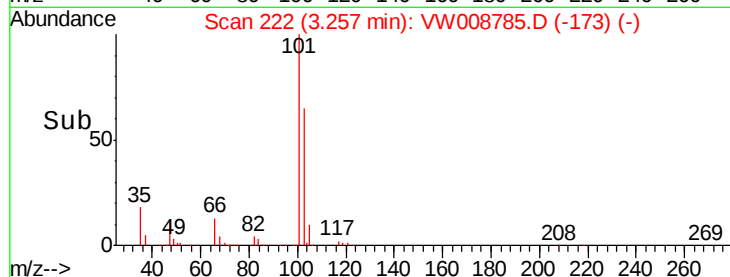
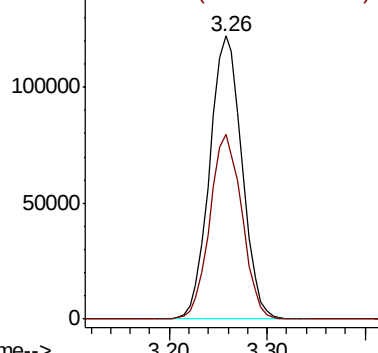
#7

Trichlorofluoromethane
Concen: 49.530 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.9	80.9



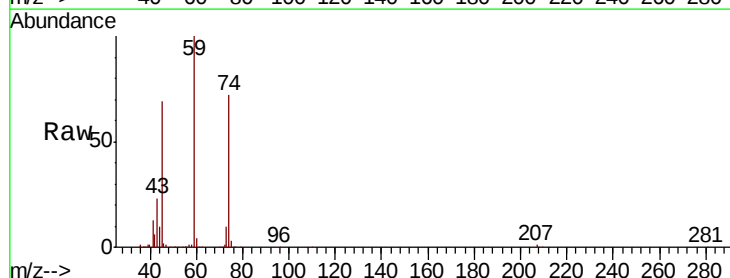
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



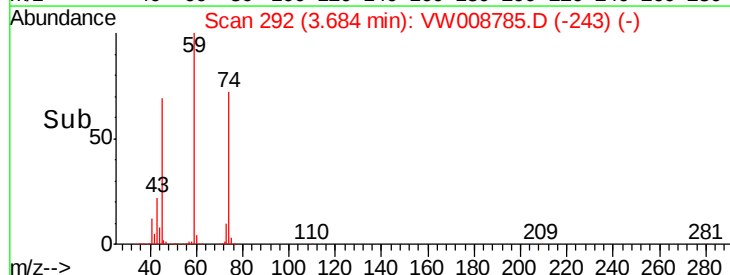
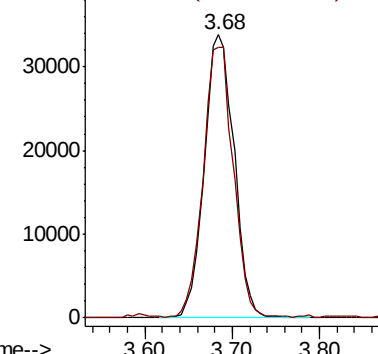
#8

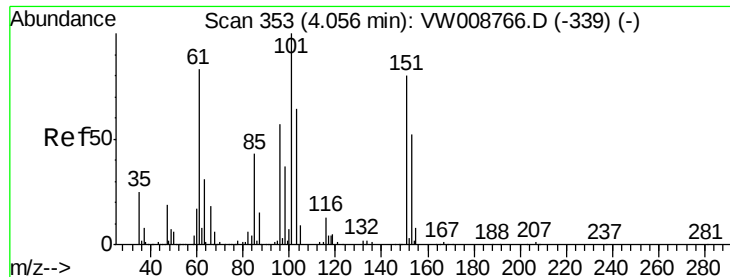
Diethyl Ether
Concen: 44.862 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	50.2	150.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.356 ug/l

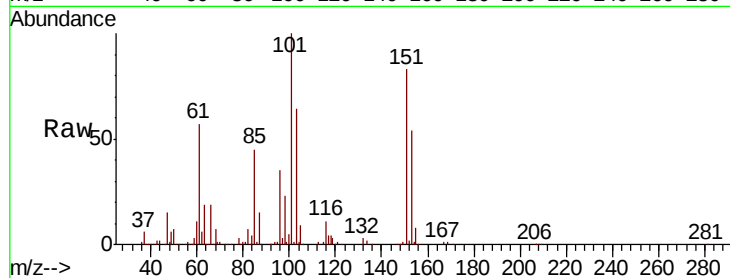
RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

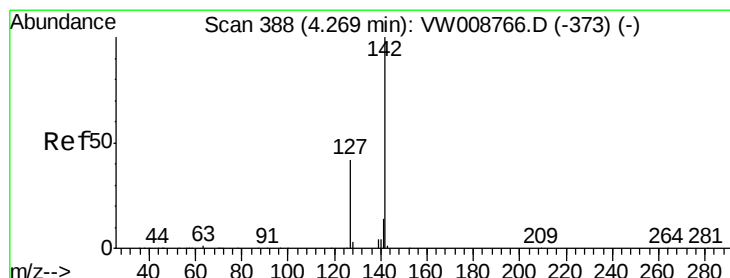
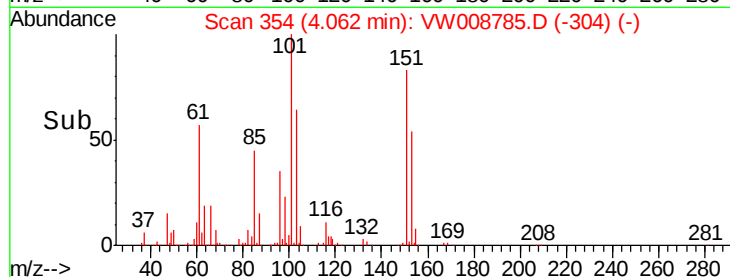
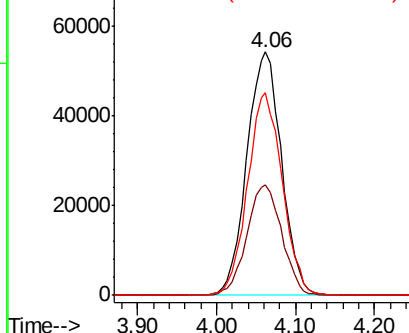
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Tgt Ion:	101	Resp:	165835
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.0	54.0
151	83.3	65.5	98.3



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: 51.702 ug/l

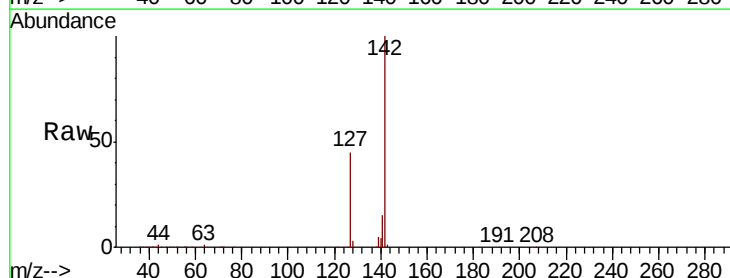
RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

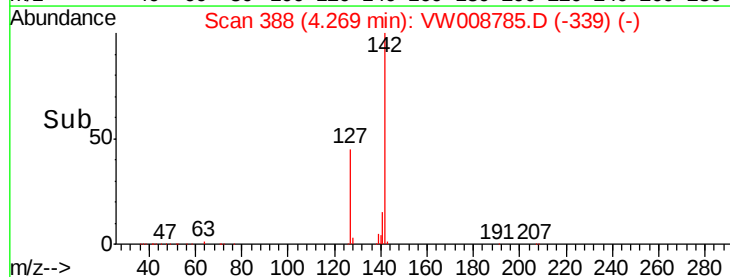
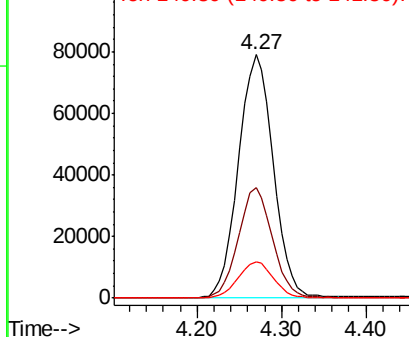
Lab File: VW008785.D

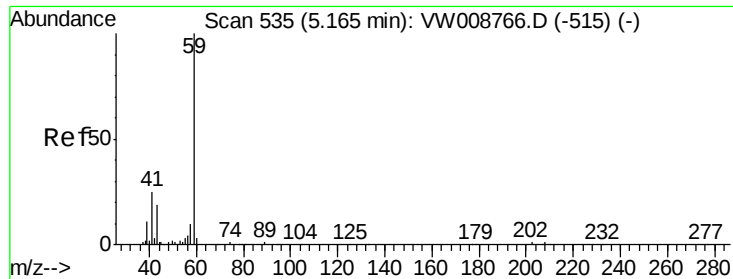
Acq: 22 Feb 2019 12:30

Tgt Ion:	142	Resp:	221723
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.3	52.9
141	15.1	11.7	17.5



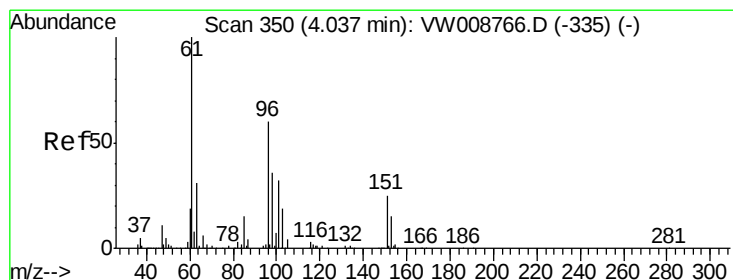
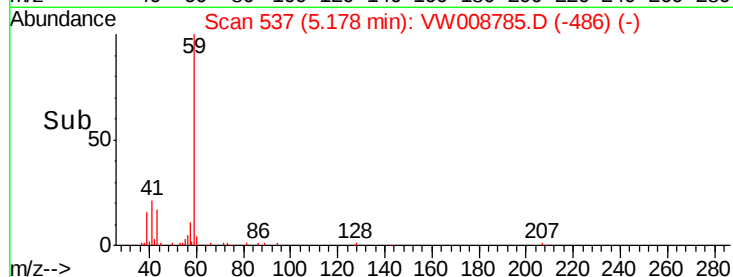
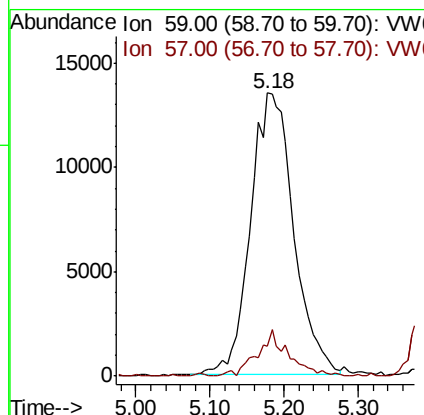
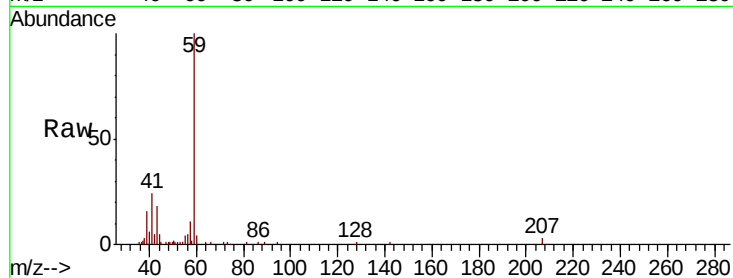
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





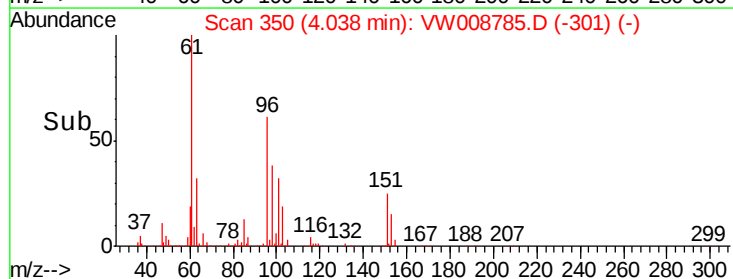
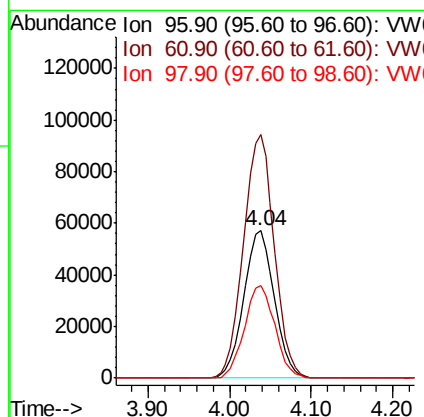
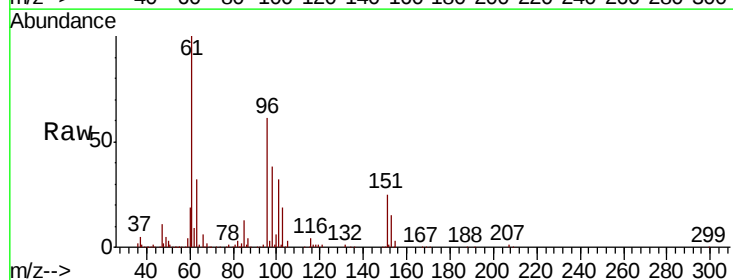
#11
Tert butyl alcohol
Concen: 188.273 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

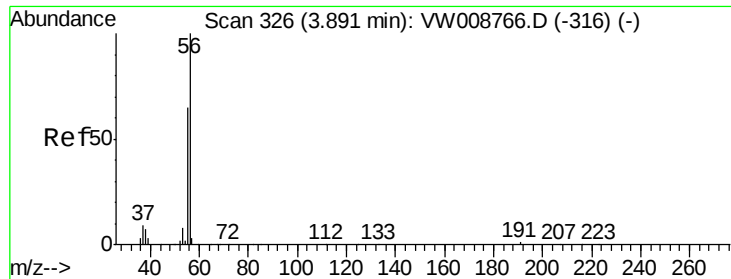
Tgt Ion: 59 Resp: 54380
Ion Ratio Lower Upper
59 100
57 12.1 9.3 13.9



#12
1,1-Dichloroethene
Concen: 49.019 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion: 96 Resp: 148465
Ion Ratio Lower Upper
96 100
61 165.2 132.5 198.7
98 62.6 48.2 72.4





#13

Acrolein

Concen: 231.790 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW008785.D

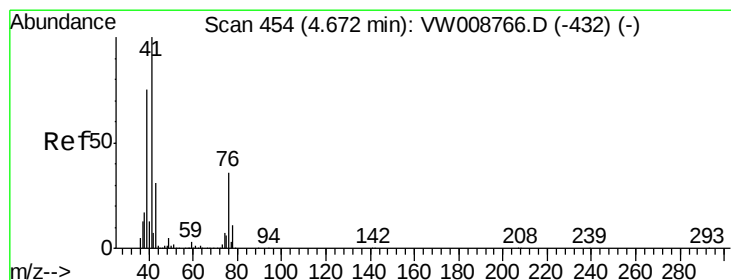
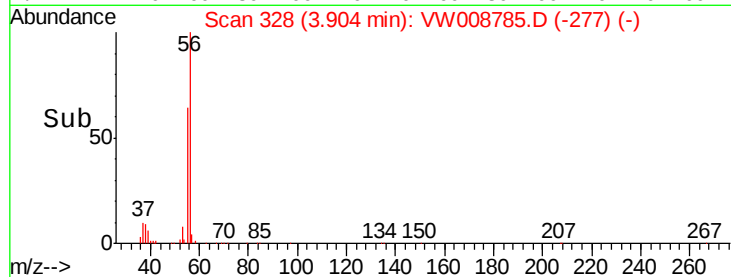
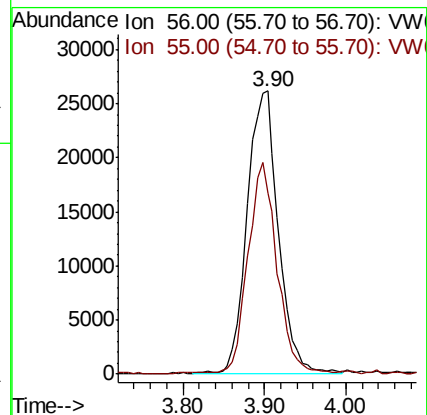
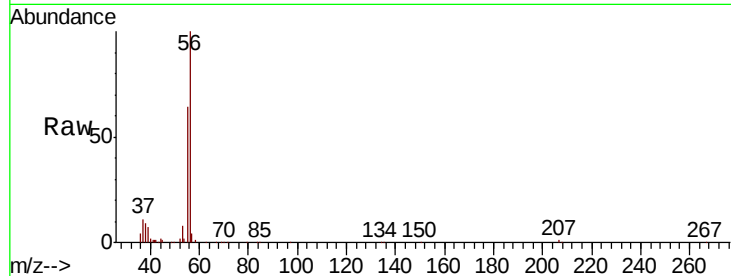
Acq: 22 Feb 2019 12:30

Tgt Ion: 56 Resp: 70140

Ion Ratio Lower Upper

56 100

55 67.9 56.9 85.3



#14

Allyl chloride

Concen: 47.999 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

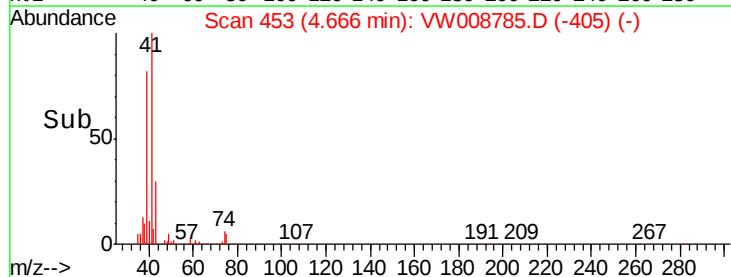
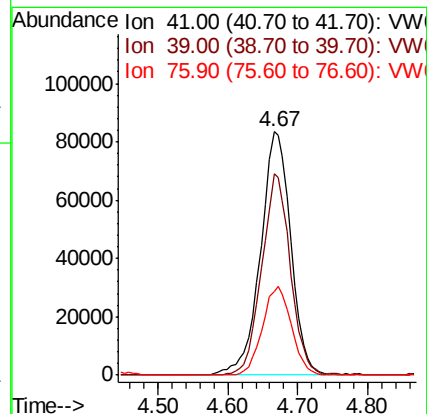
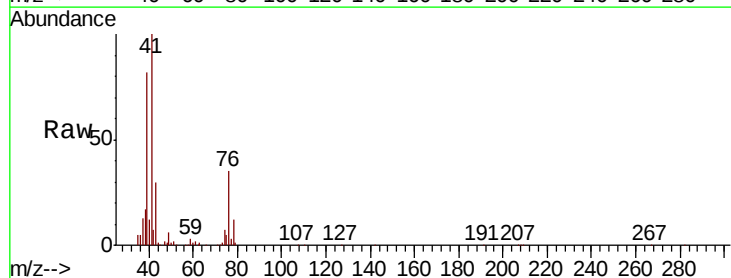
Tgt Ion: 41 Resp: 250903

Ion Ratio Lower Upper

41 100

39 77.5 60.6 91.0

76 35.1 28.6 42.8





#15

Acrylonitrile

Concen: 227.691 ug/l

RT: 5.37 min Scan# 568

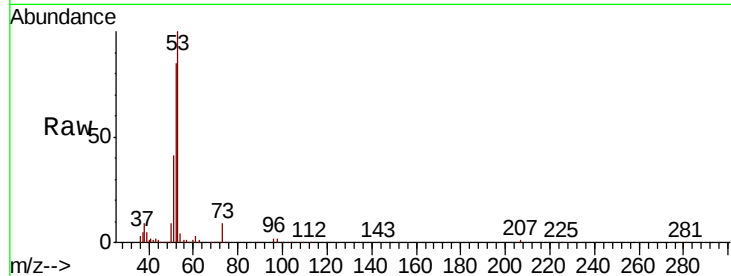
Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

Tgt Ion: 53 Resp: 174711

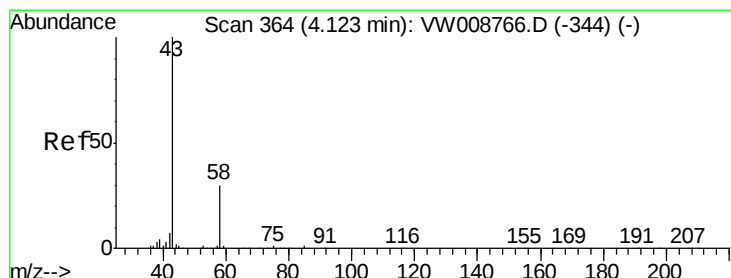
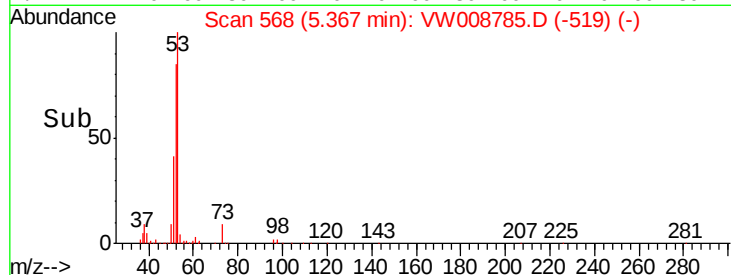
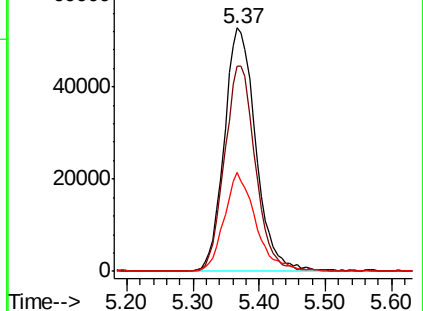
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.2	100.8
51	40.2	31.1	46.7



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 239.517 ug/l

RT: 4.13 min Scan# 365

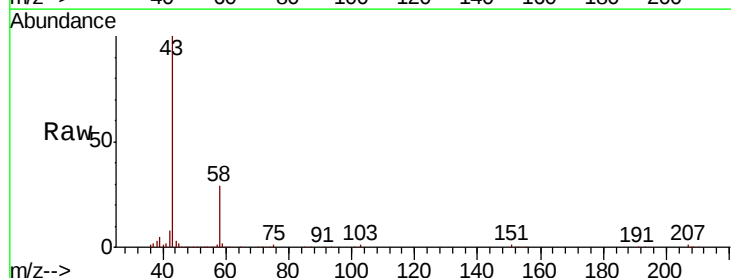
Delta R.T. 0.01 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

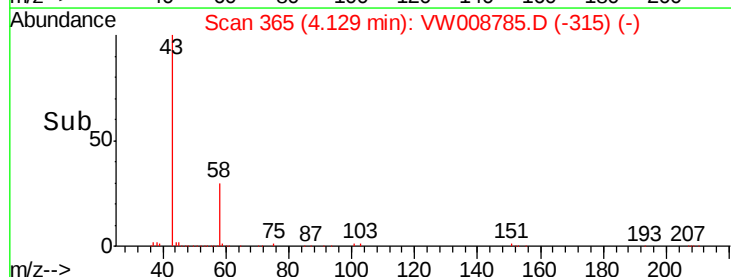
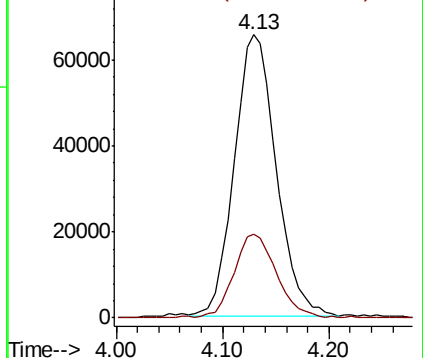
Tgt Ion: 43 Resp: 180121

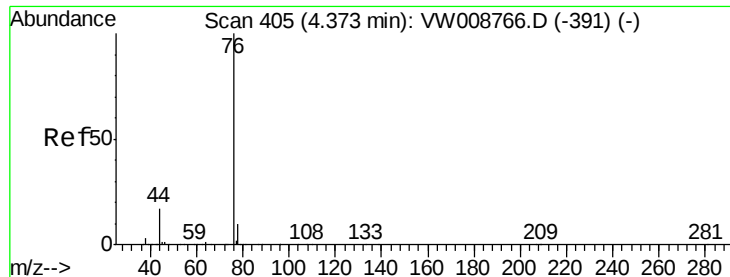
Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.8	35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 49.354 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008785.D

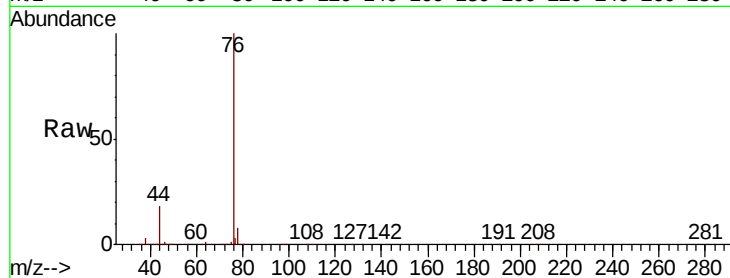
Acq: 22 Feb 2019 12:30

Tgt Ion: 76 Resp: 495958

Ion Ratio Lower Upper

76 100

78 8.4 7.8 11.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

200000

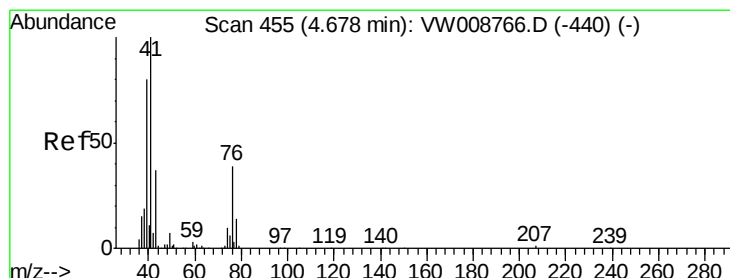
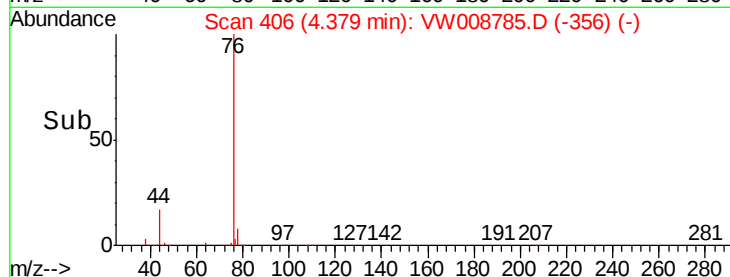
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 43.797 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW008785.D

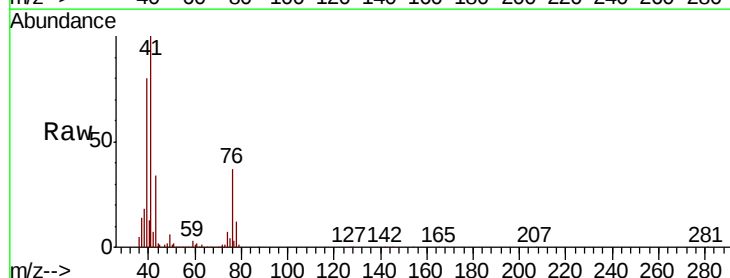
Acq: 22 Feb 2019 12:30

Tgt Ion: 43 Resp: 78122

Ion Ratio Lower Upper

43 100

74 22.4 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

30000

25000

20000

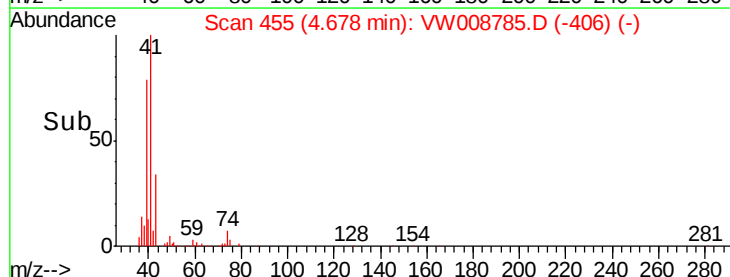
15000

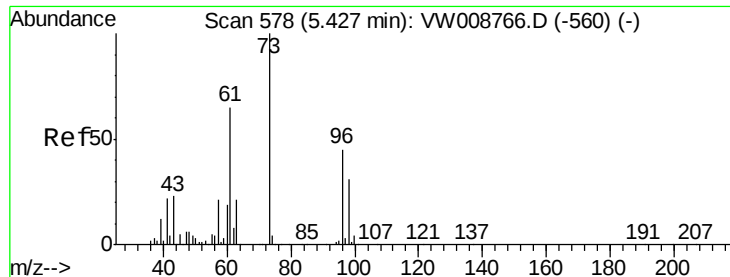
10000

5000

0

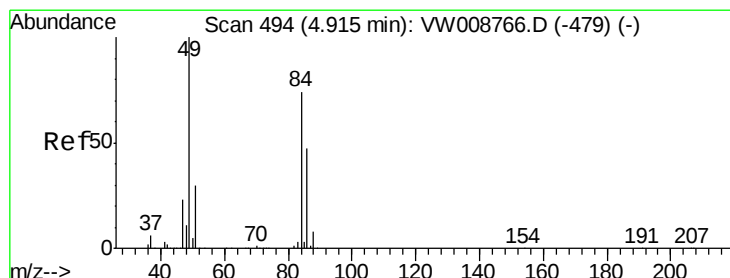
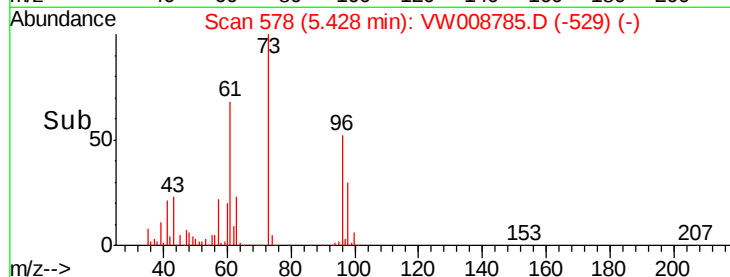
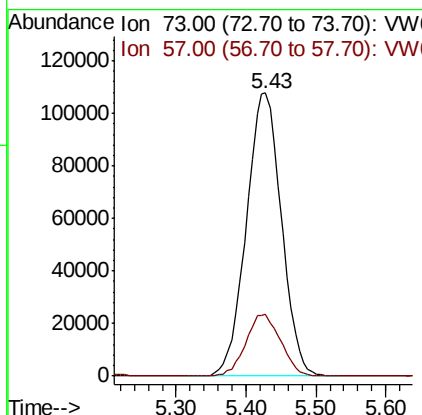
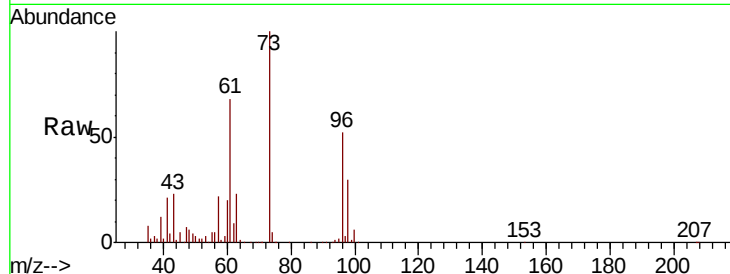
Time-->





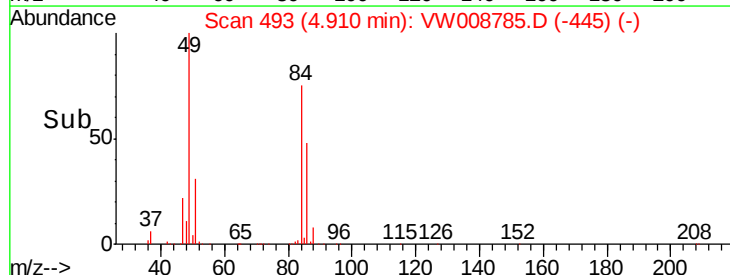
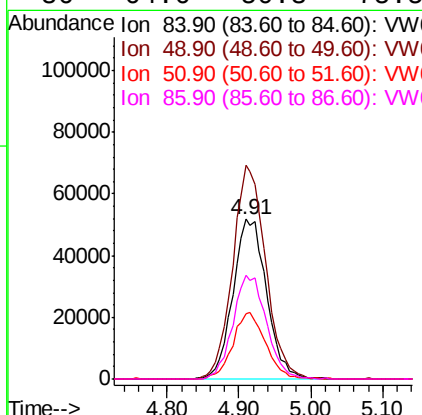
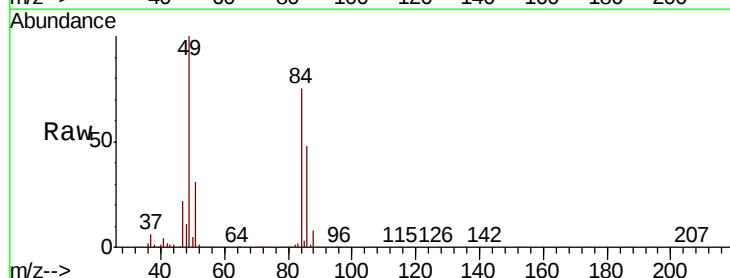
#19
Methyl tert-butyl Ether
Concen: 45.741 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

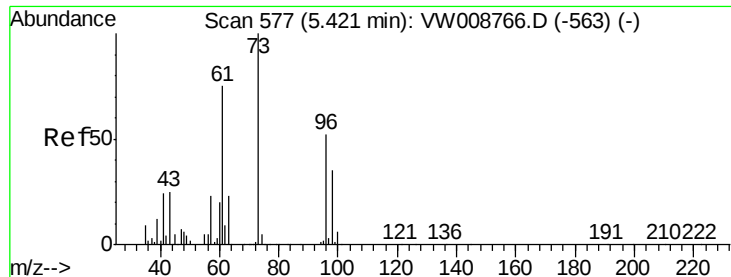
Tgt Ion: 73 Resp: 374971
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2



#20
Methylene Chloride
Concen: 44.774 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion: 84 Resp: 167844
Ion Ratio Lower Upper
84 100
49 133.8 108.2 162.2
51 40.8 32.7 49.1
86 64.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 47.535 ug/l

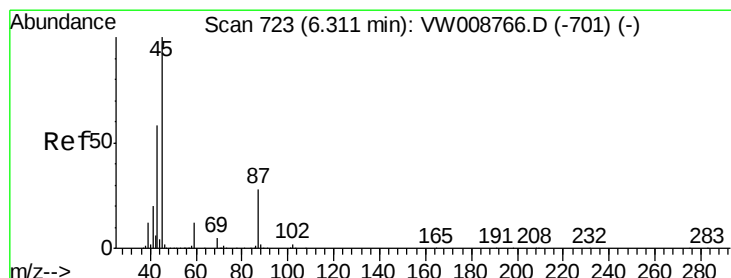
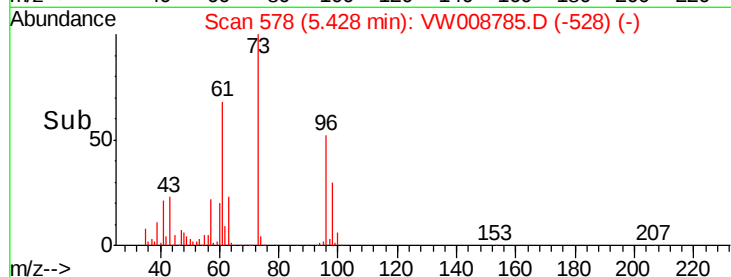
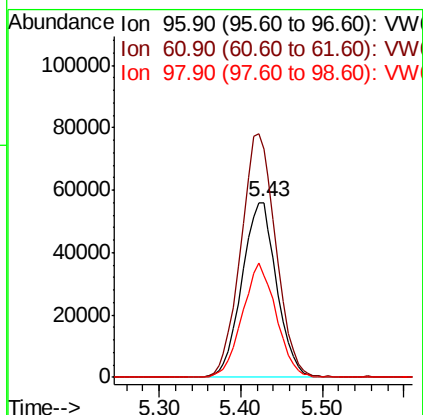
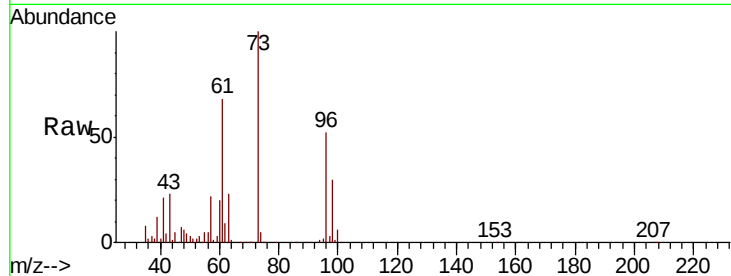
RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

Tgt Ion:	96	Resp:	166535
Ion	Ratio	Lower	Upper
96	100		
61	130.5	114.6	171.8
98	58.1	54.0	81.0



#22

Diisopropyl ether

Concen: 46.934 ug/l

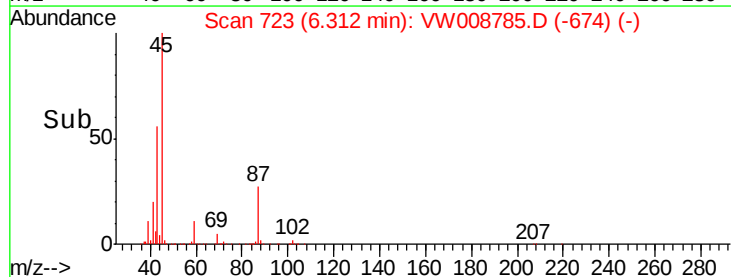
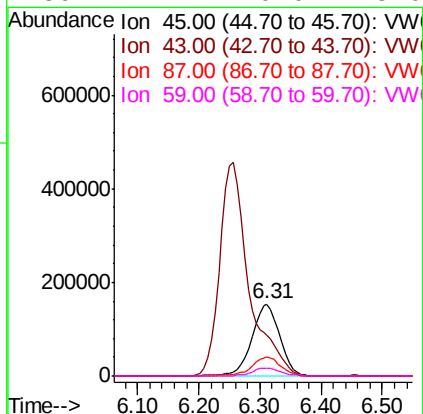
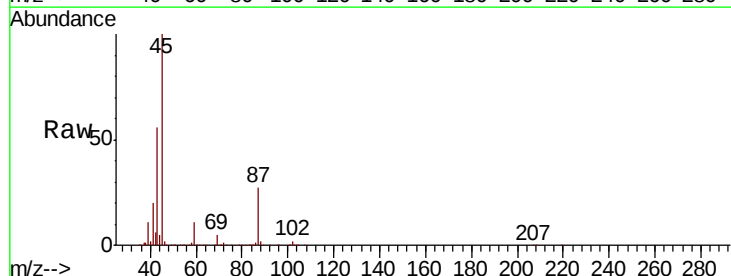
RT: 6.31 min Scan# 723

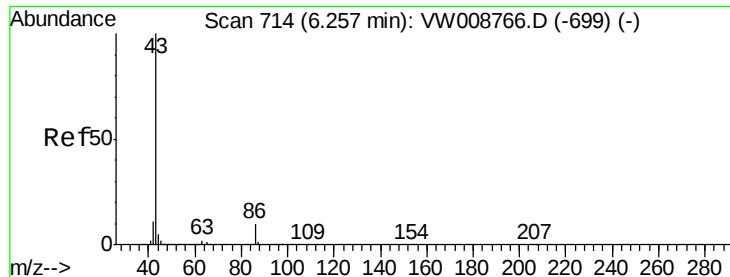
Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

Tgt Ion:	45	Resp:	489410
Ion	Ratio	Lower	Upper
45	100		
43	56.0	46.1	69.1
87	26.5	22.2	33.4
59	11.2	10.0	15.0





#23

Vinyl Acetate

Concen: 234.941 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008785.D

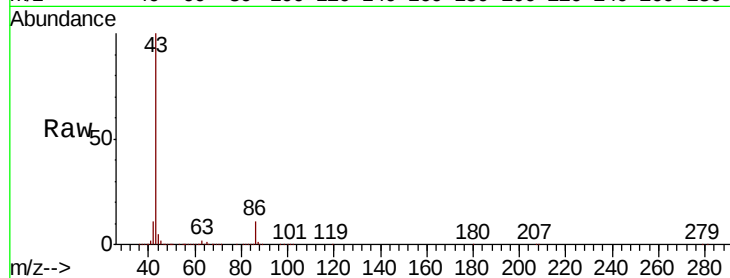
Acq: 22 Feb 2019 12:30

Tgt Ion: 43 Resp: 1513650

Ion Ratio Lower Upper

43 100

86 10.8 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

500000

400000

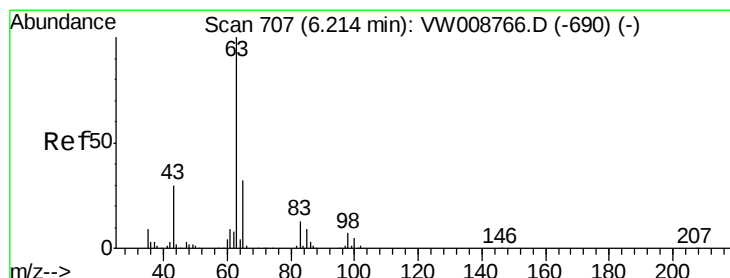
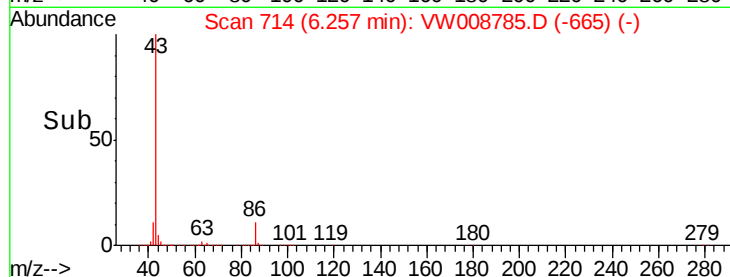
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.927 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

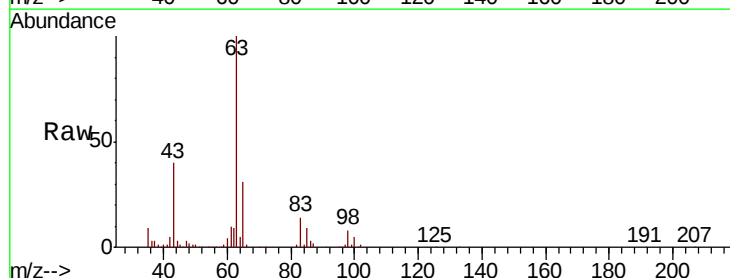
Tgt Ion: 63 Resp: 283554

Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.6

100 4.8 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

120000

100000

80000

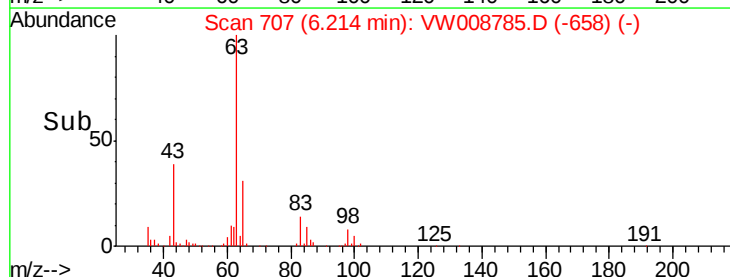
60000

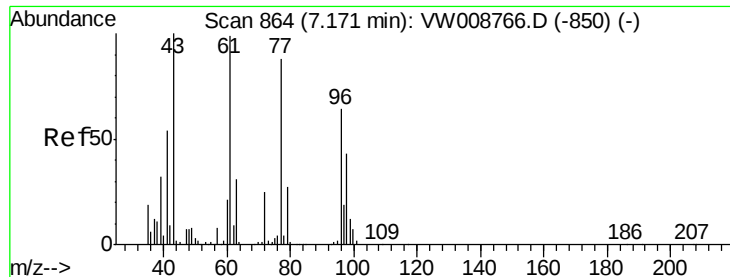
40000

20000

0

Time-->





#25

2-Butanone

Concen: 231.205 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008785.D

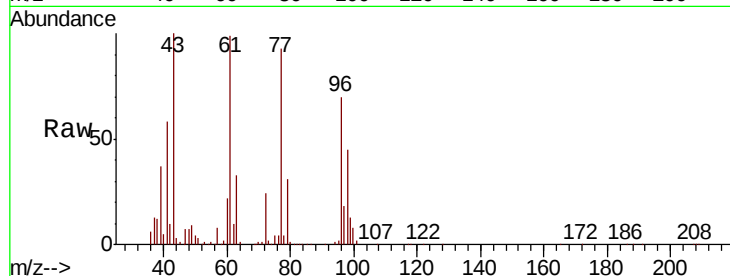
Acq: 22 Feb 2019 12:30

Tgt Ion: 43 Resp: 243082

Ion Ratio Lower Upper

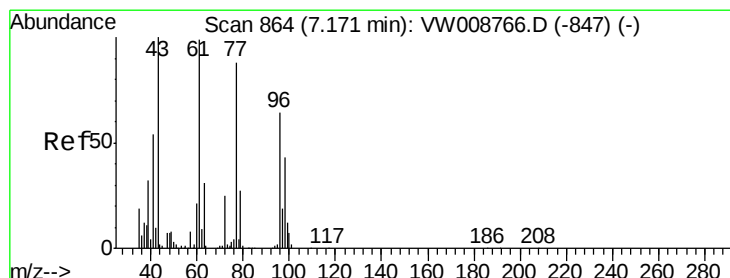
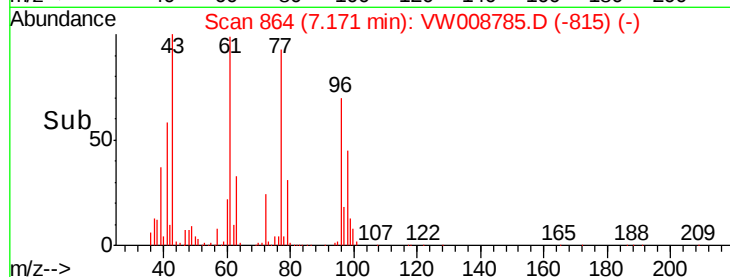
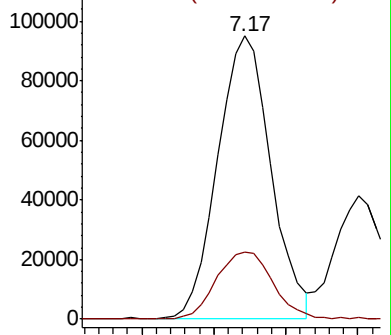
43 100

72 23.8 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 48.675 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008785.D

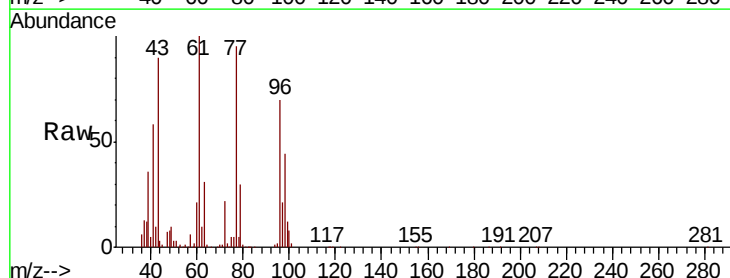
Acq: 22 Feb 2019 12:30

Tgt Ion: 77 Resp: 267023

Ion Ratio Lower Upper

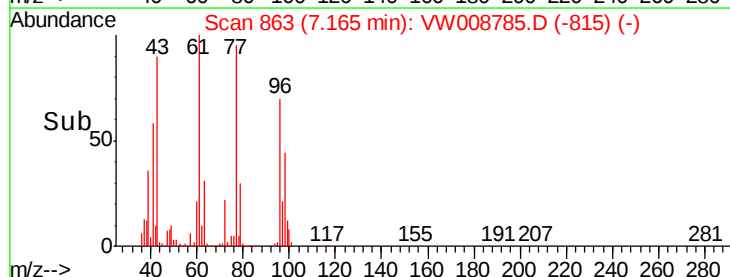
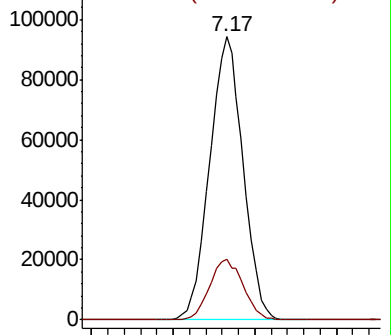
77 100

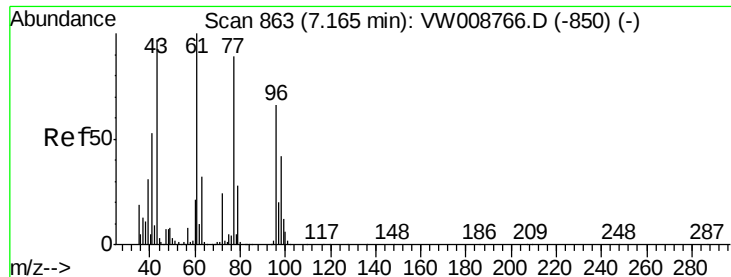
97 21.7 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

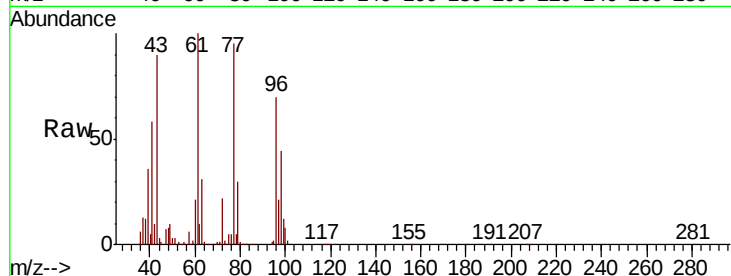




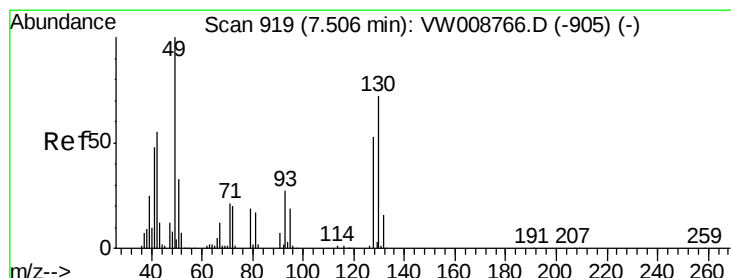
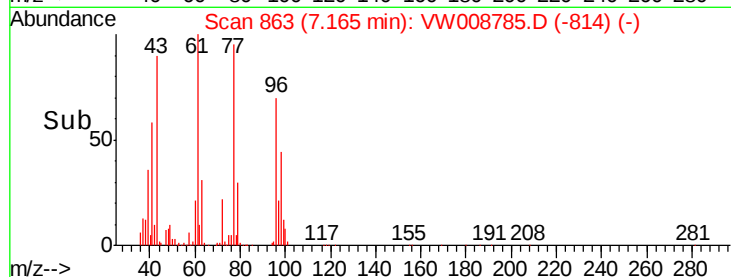
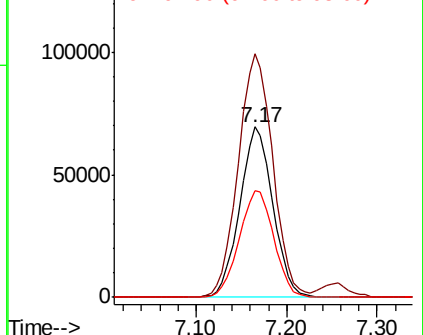
#27

cis-1,2-Dichloroethene
Concen: 46.862 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	302.6
98	65.3	0.0	130.0



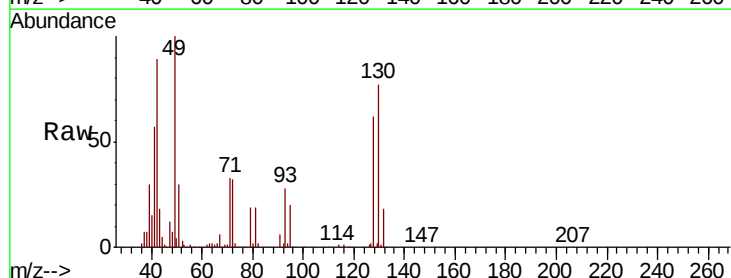
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



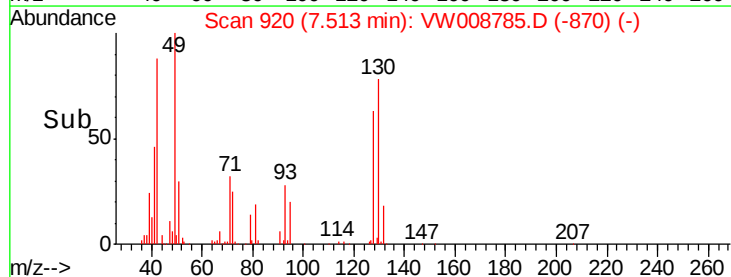
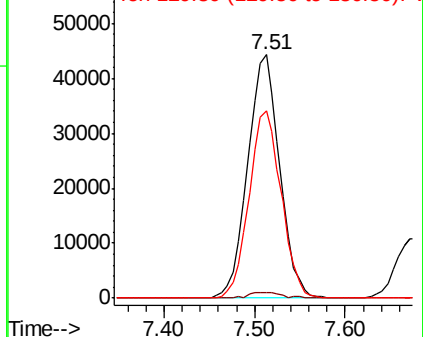
#28

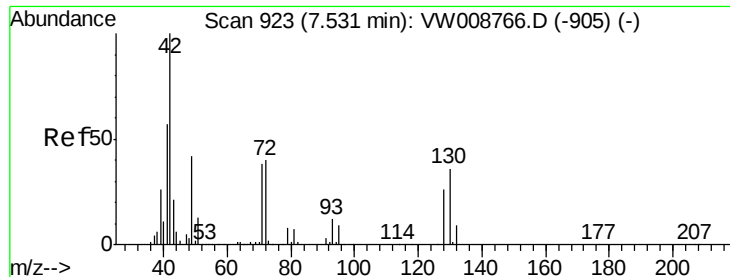
Bromochloromethane
Concen: 42.834 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.6
130	77.3	61.3	91.9



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





#29

Tetrahydrofuran

Concen: 221.934 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

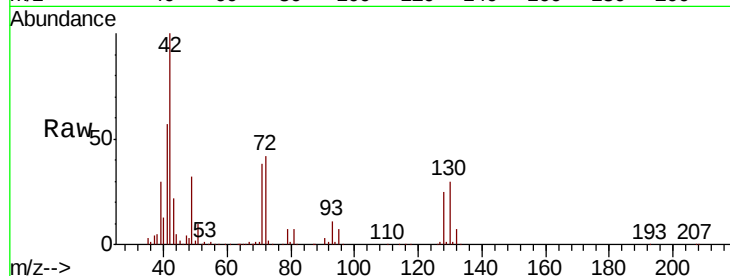
Tgt Ion: 42 Resp: 148698

Ion Ratio Lower Upper

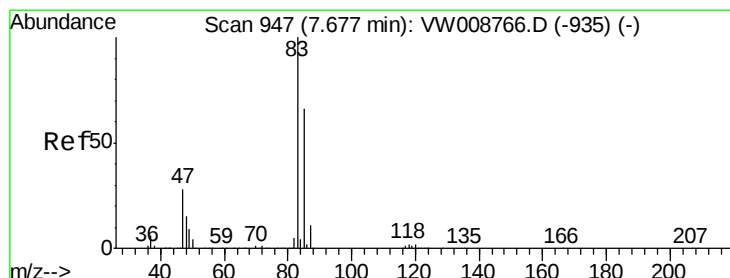
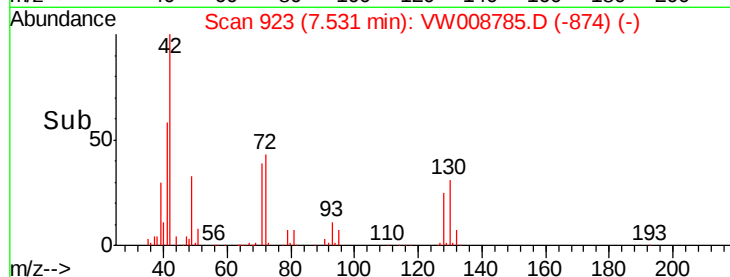
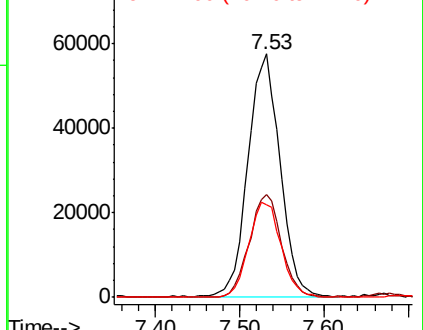
42 100

72 42.7 32.7 49.1

71 39.6 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: 46.606 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW008785.D

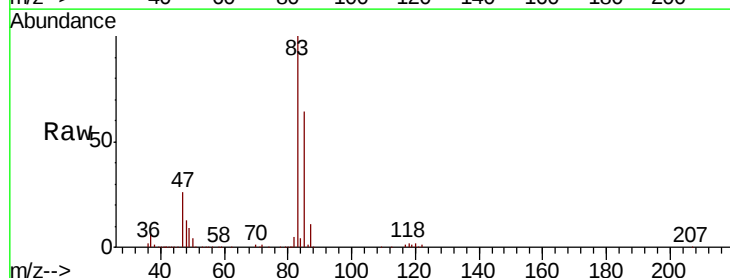
Acq: 22 Feb 2019 12:30

Tgt Ion: 83 Resp: 288903

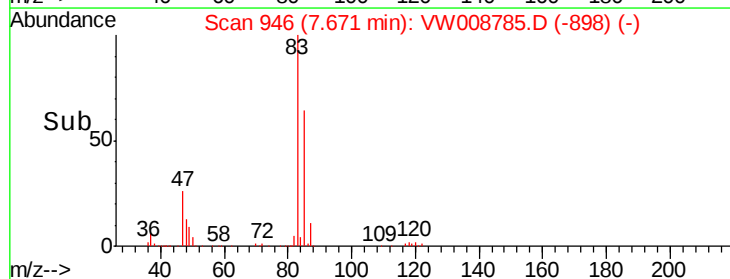
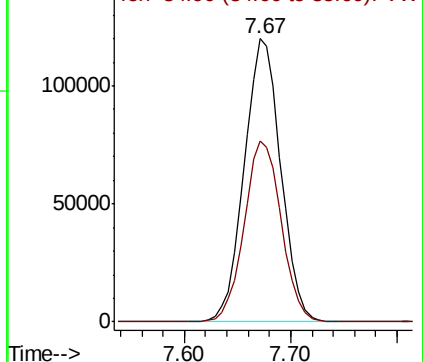
Ion Ratio Lower Upper

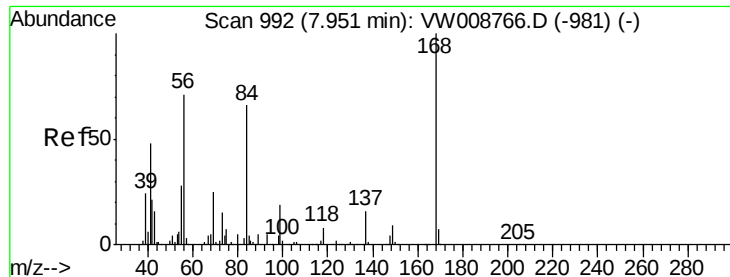
83 100

85 63.7 52.6 79.0



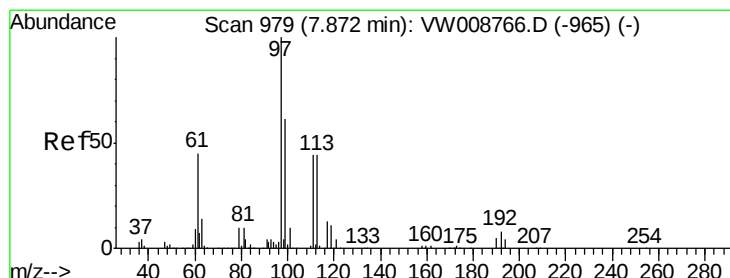
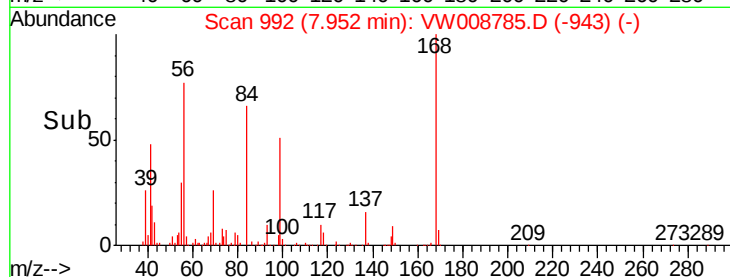
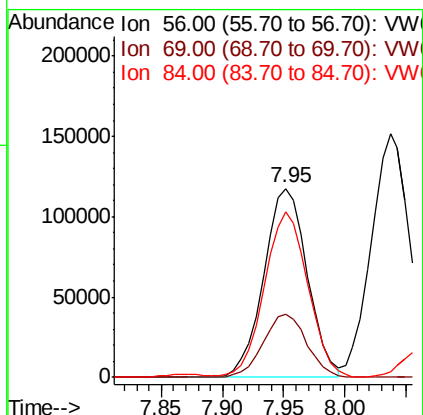
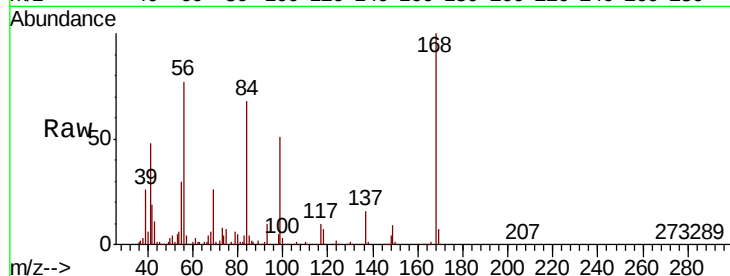
Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





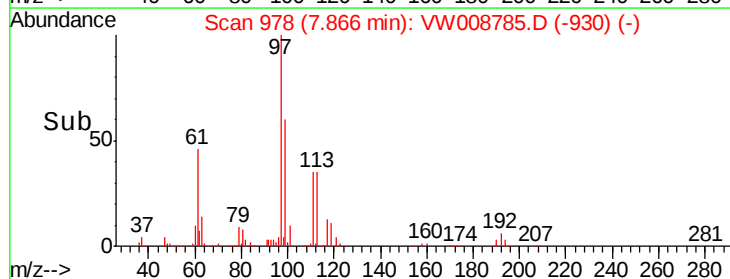
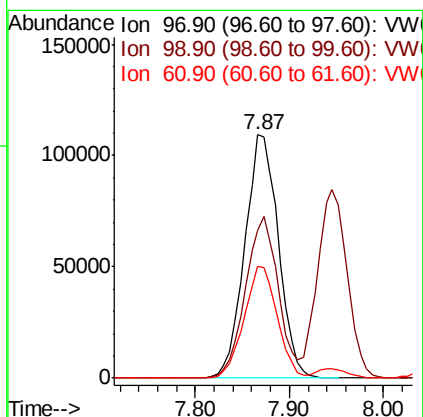
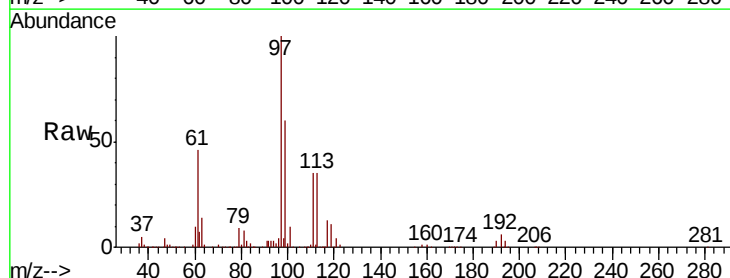
#31
Cyclohexane
Concen: 47.522 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

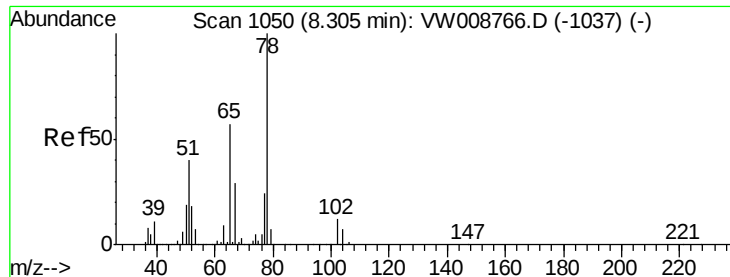
Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.2	28.2	42.4
84	86.7	74.1	111.1



#32
1,1,1-Trichloroethane
Concen: 48.168 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.8	76.2
61	45.6	36.0	54.0





#33

1,2-Dichloroethane-d4

Concen: 47.783 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008785.D

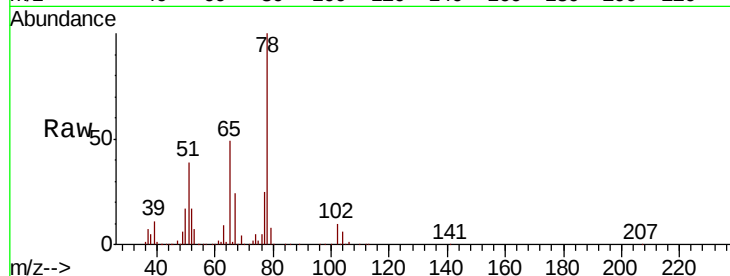
Acq: 22 Feb 2019 12:30

Tgt Ion: 65 Resp: 155027

Ion Ratio Lower Upper

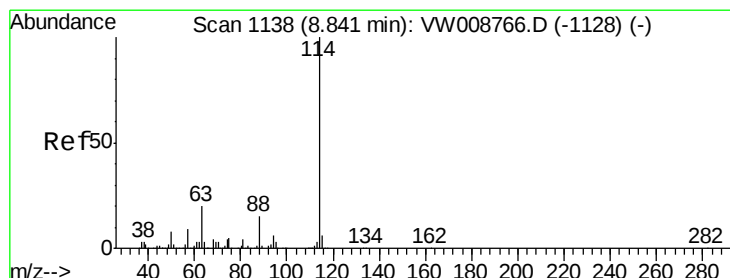
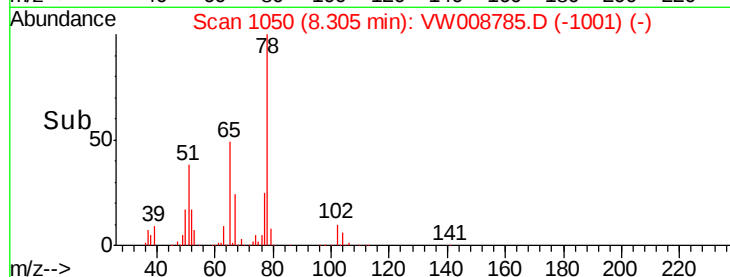
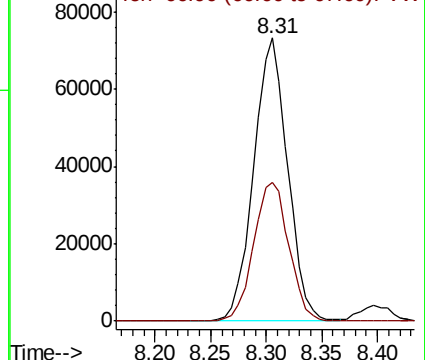
65 100

67 50.9 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

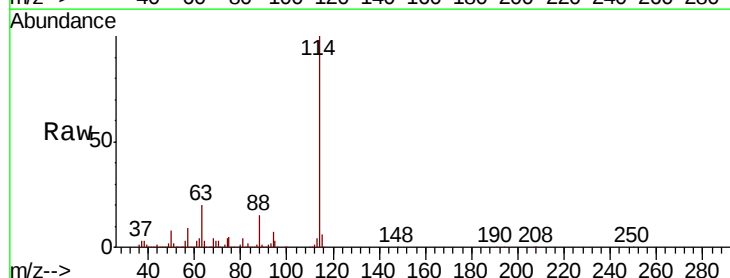
Tgt Ion: 114 Resp: 476465

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

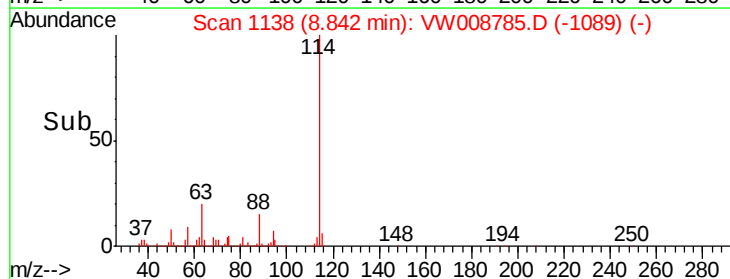
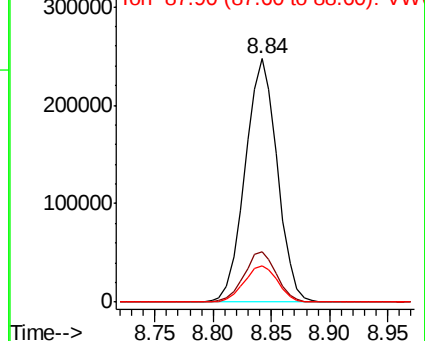
88 15.0 0.0 30.4

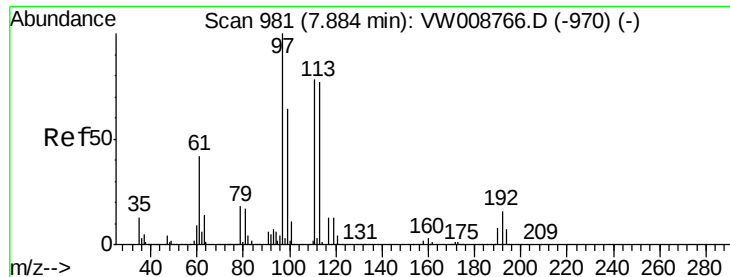


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

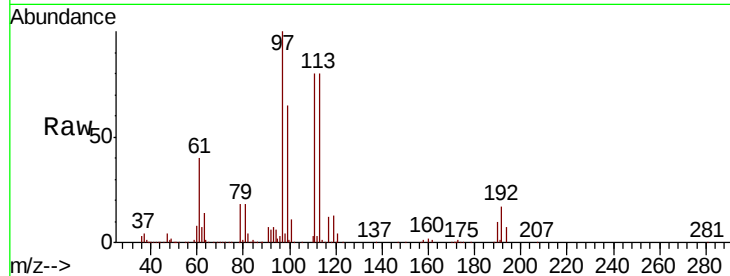
Ion 87.90 (87.60 to 88.60): VW





#35
 Dibromofluoromethane
 Concen: 51.618 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.9	122.9
192	21.3	17.1	25.7

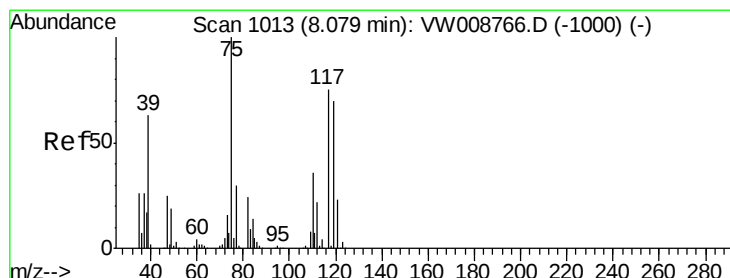
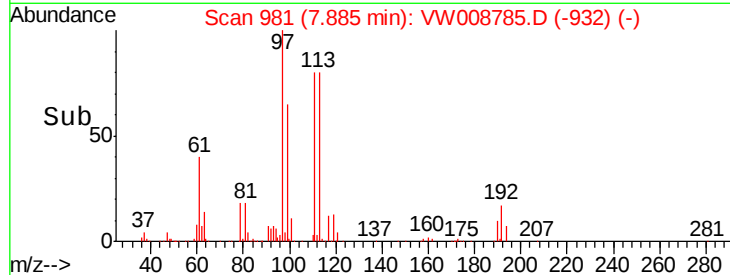
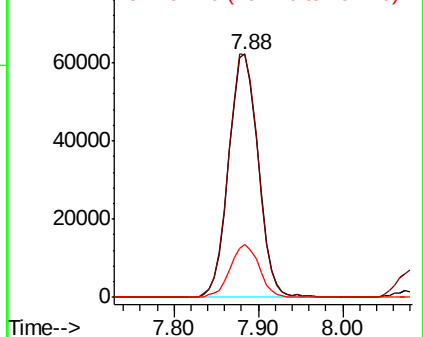


Abundance

Ion 112.80 (112.50 to 113.50): V

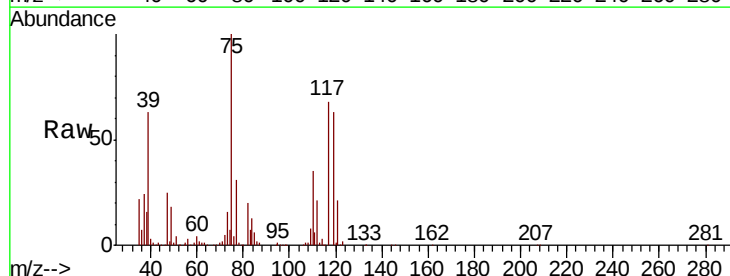
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 52.501 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.5	52.6
77	30.8	24.5	36.7

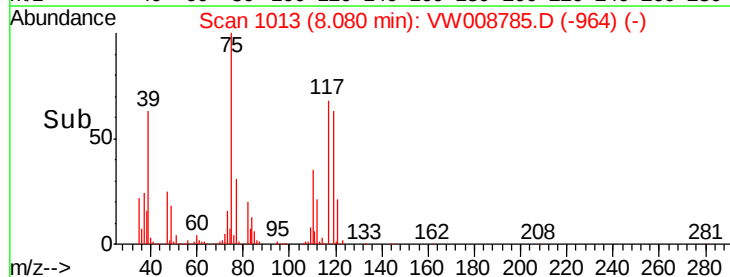
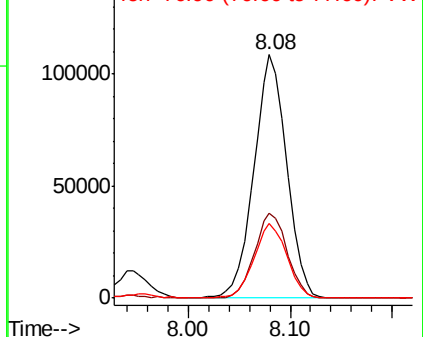


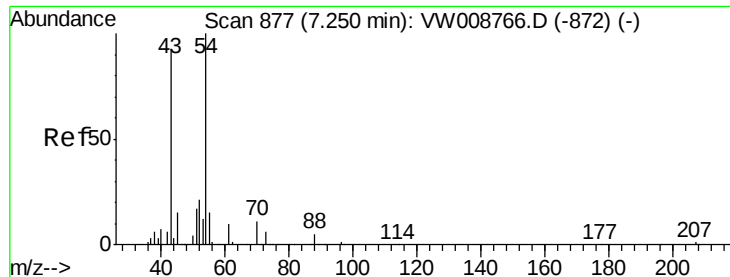
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

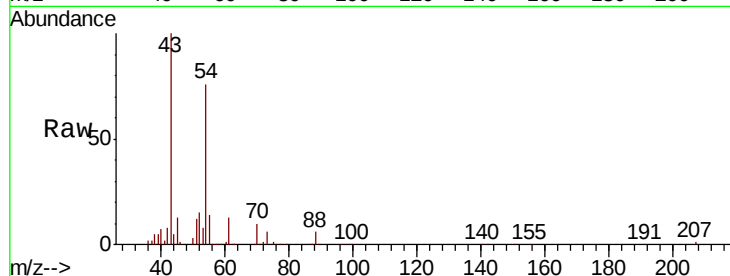
Ion 76.90 (76.60 to 77.60): VW



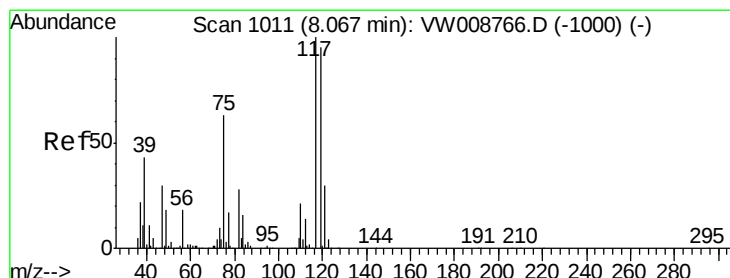
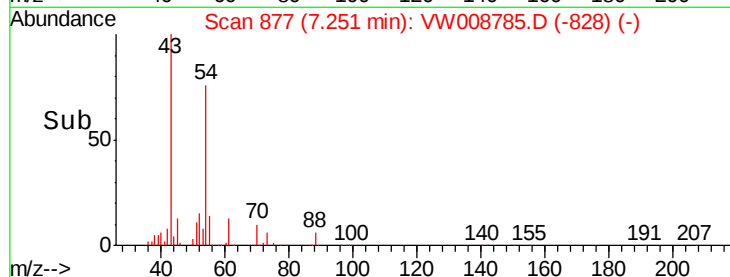
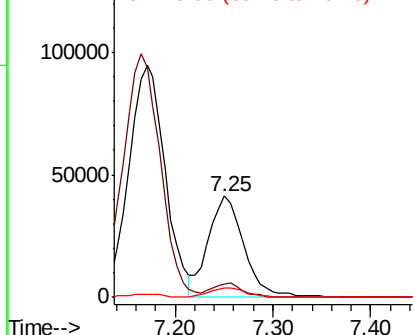


#37
Ethyl Acetate
Concen: 48.122 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion: 43 Resp: 103791
Ion Ratio Lower Upper
43 100
61 12.0 9.8 14.8
70 9.9 8.4 12.6

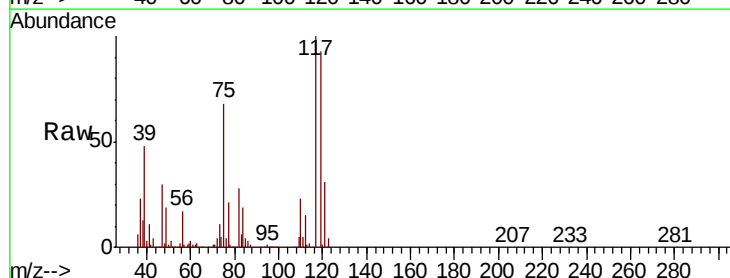


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

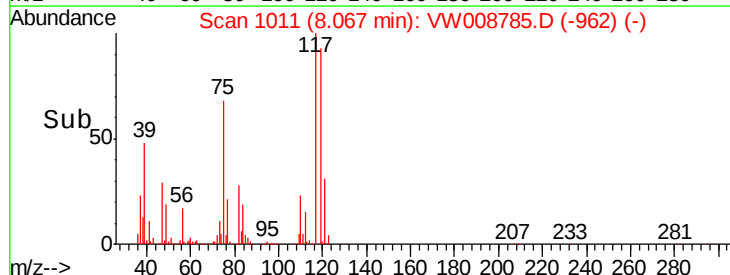
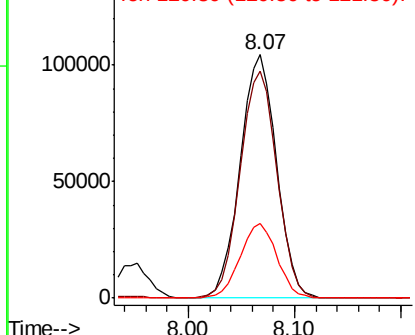


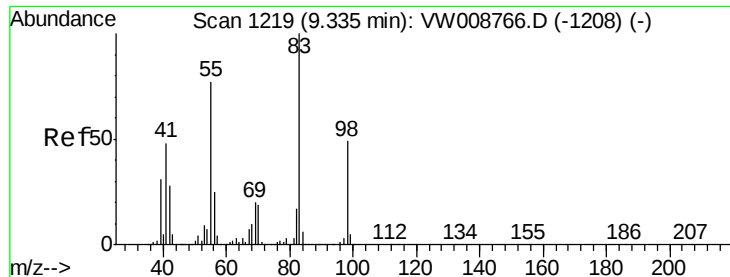
#38
Carbon Tetrachloride
Concen: 51.413 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion: 117 Resp: 251475
Ion Ratio Lower Upper
117 100
119 93.3 76.1 114.1
121 30.7 24.0 36.0



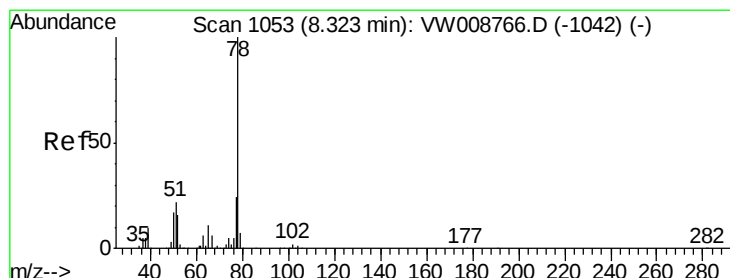
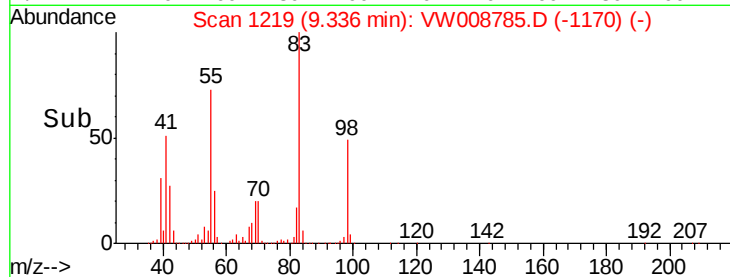
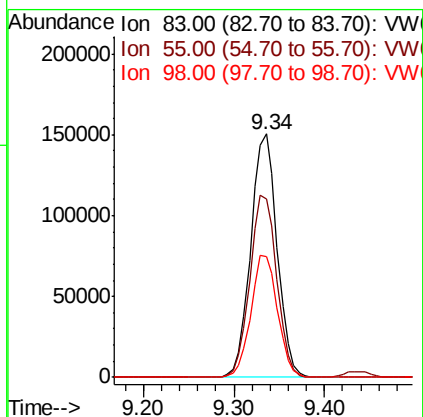
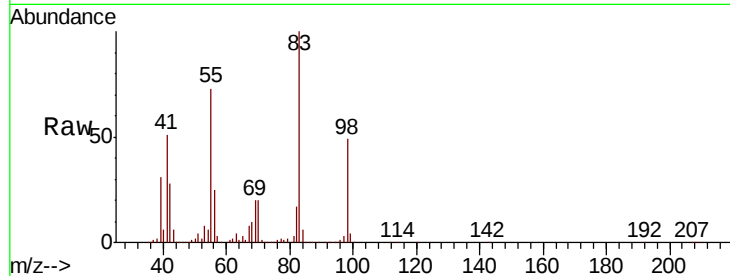
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





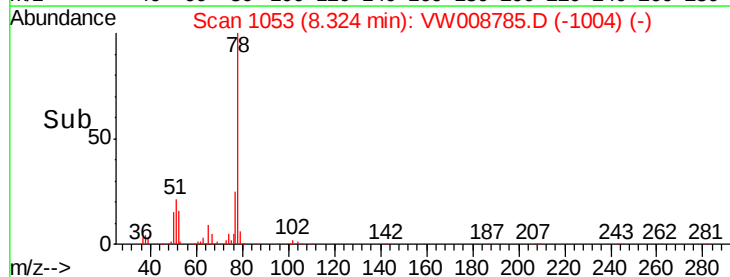
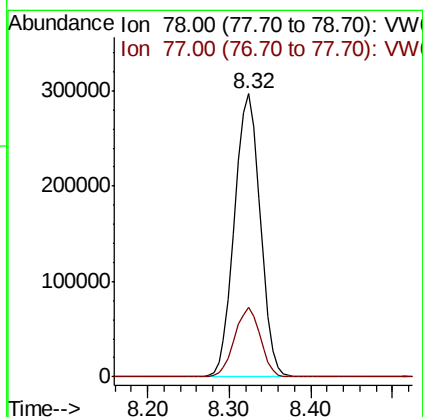
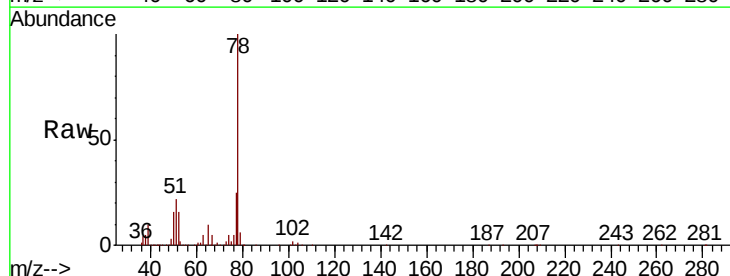
#39
Methylcyclohexane
Concen: 52.293 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.2	61.2	91.8
98	49.3	39.4	59.2



#40
Benzene
Concen: 51.077 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.3	28.9





#41

Methacrylonitrile

Concen: 46.665 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

Tgt Ion: 41 Resp: 59162

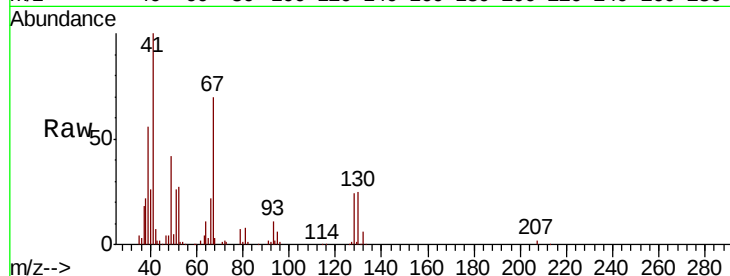
Ion Ratio Lower Upper

41 100

39 58.2 52.5 78.7

67 69.0 55.0 82.6

52 31.6 26.9 40.3

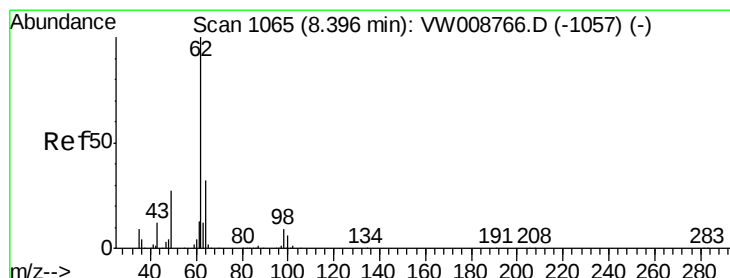
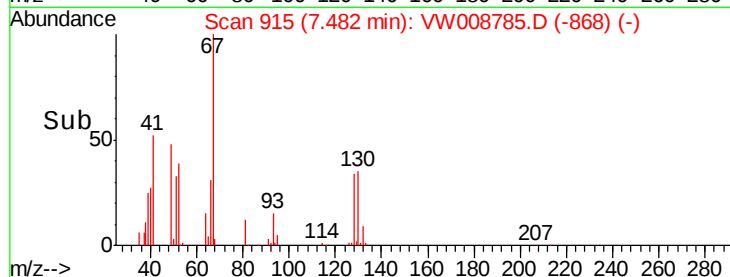
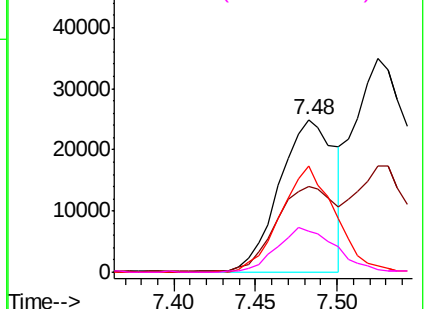


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 47.904 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW008785.D

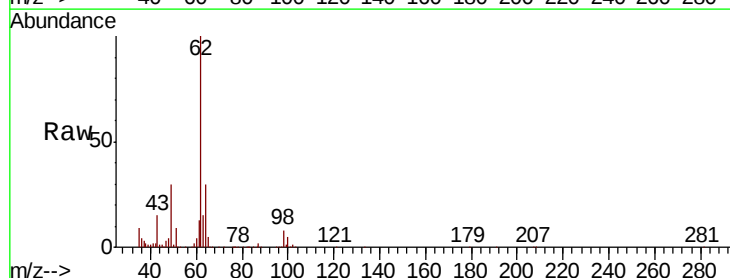
Acq: 22 Feb 2019 12:30

Tgt Ion: 62 Resp: 192165

Ion Ratio Lower Upper

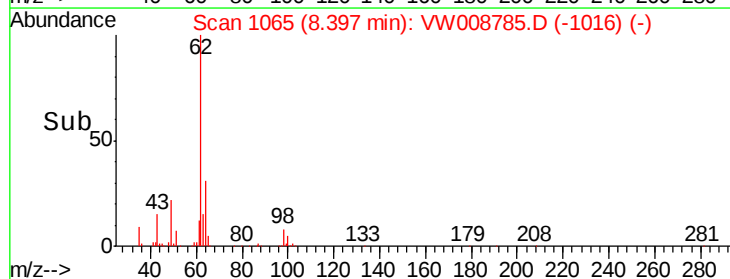
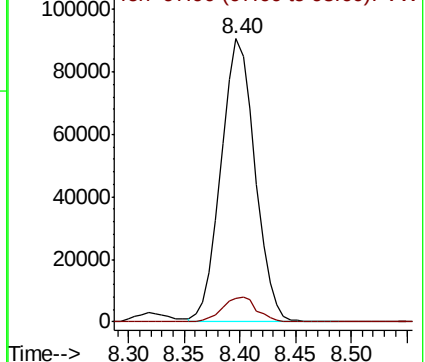
62 100

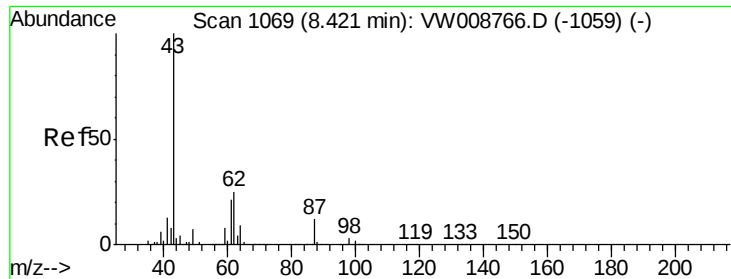
98 8.9 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 47.572 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

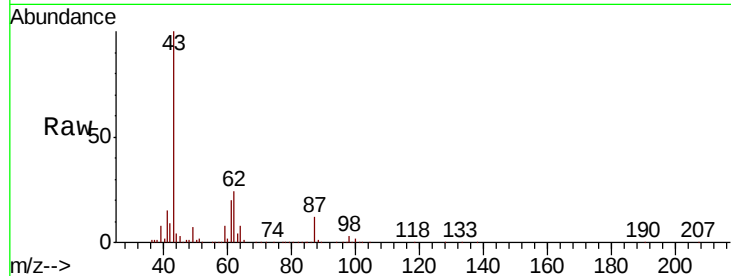
Tgt Ion: 43 Resp: 204777

Ion Ratio Lower Upper

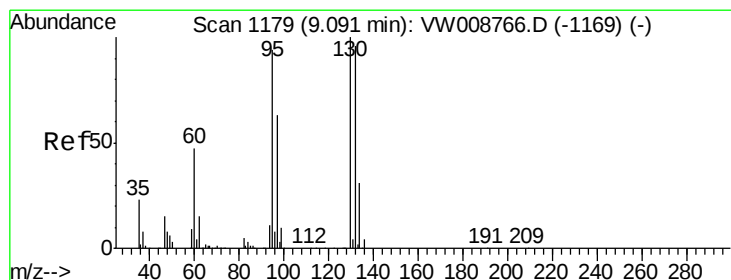
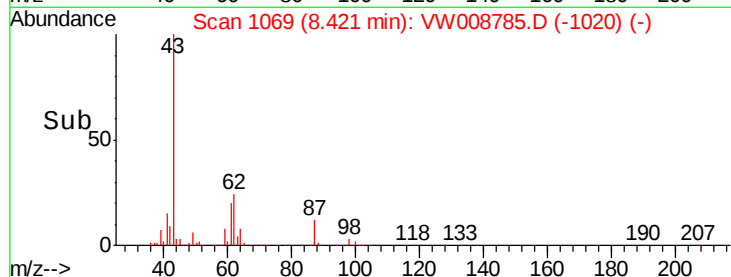
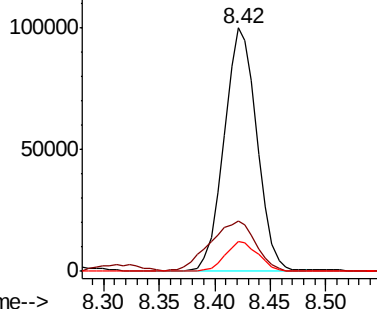
43 100

61 28.4 23.2 34.8

87 12.3 9.9 14.9



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



#44

Trichloroethene

Concen: 51.961 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008785.D

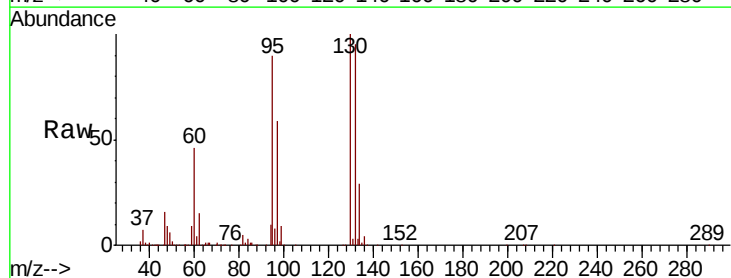
Acq: 22 Feb 2019 12:30

Tgt Ion: 130 Resp: 185364

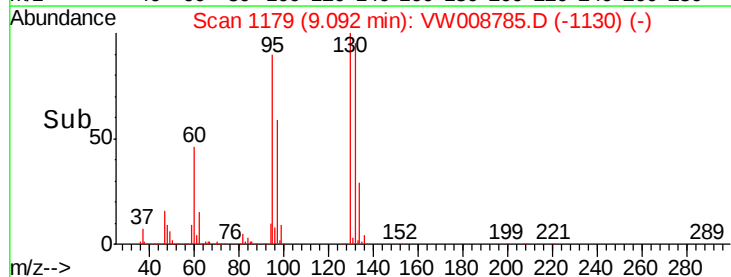
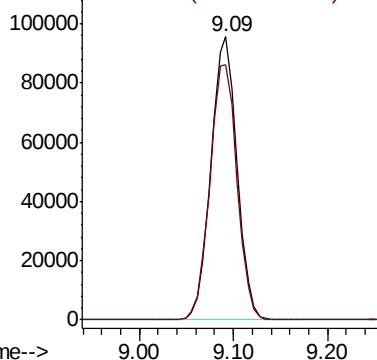
Ion Ratio Lower Upper

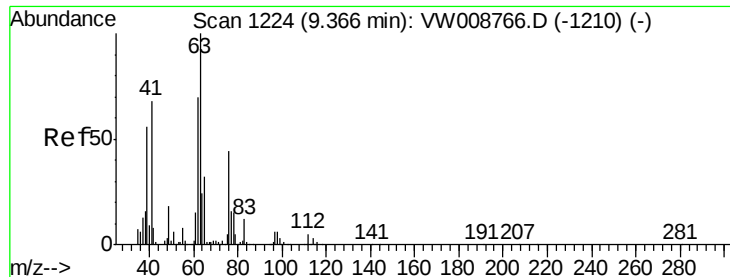
130 100

95 90.1 0.0 188.6



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





#45

1,2-Dichloropropane

Concen: 48.941 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008785.D

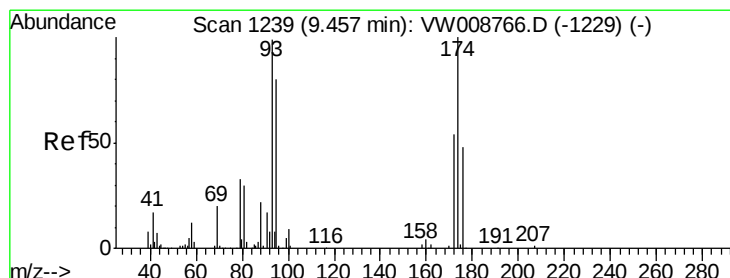
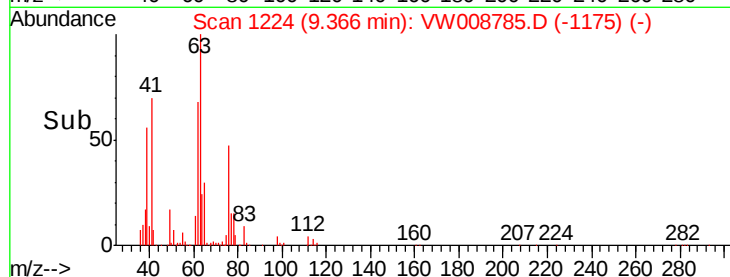
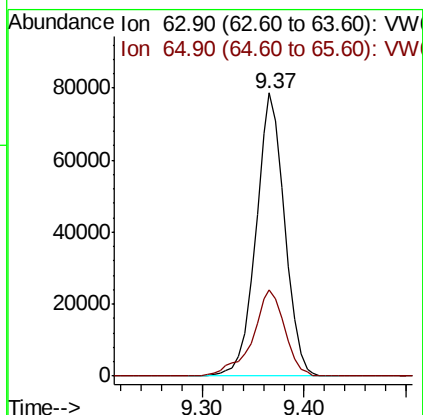
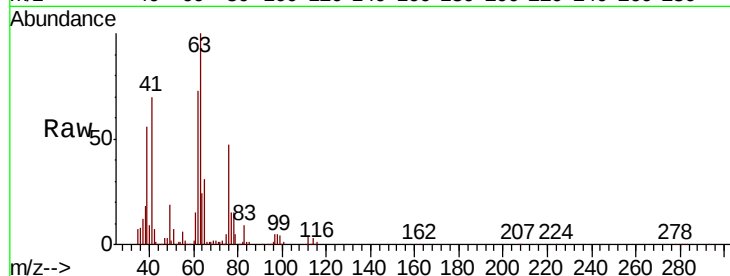
Acq: 22 Feb 2019 12:30

Tgt Ion: 63 Resp: 153152

Ion Ratio Lower Upper

63 100

65 30.5 25.5 38.3



#46

Dibromomethane

Concen: 46.955 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

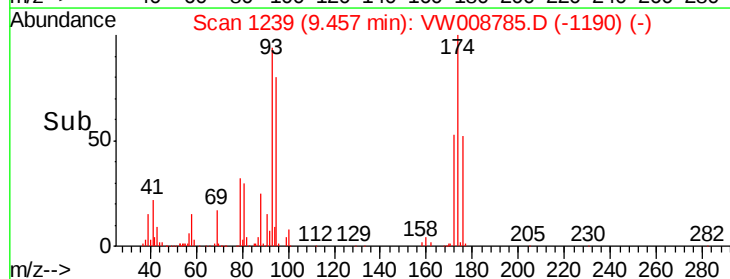
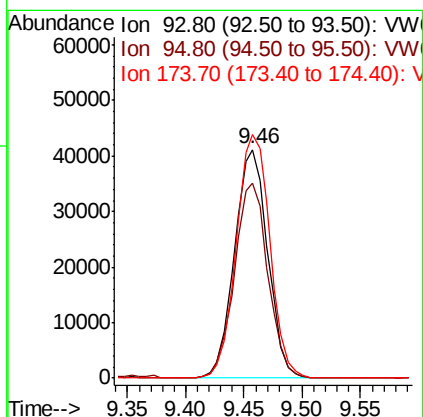
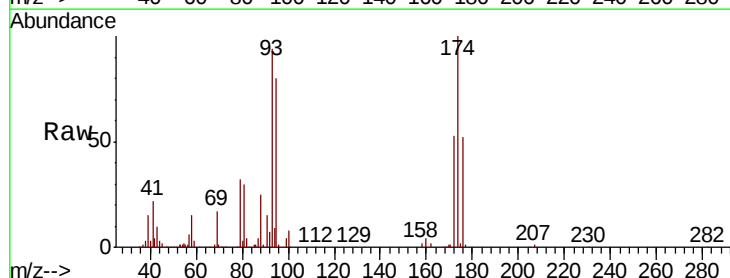
Tgt Ion: 93 Resp: 81732

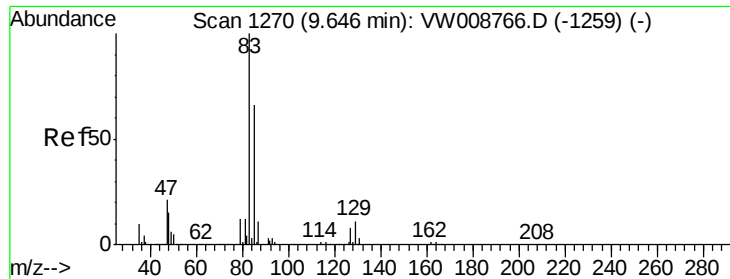
Ion Ratio Lower Upper

93 100

95 86.3 67.7 101.5

174 108.0 86.7 130.1





#47

Bromodichloromethane

Concen: 49.462 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

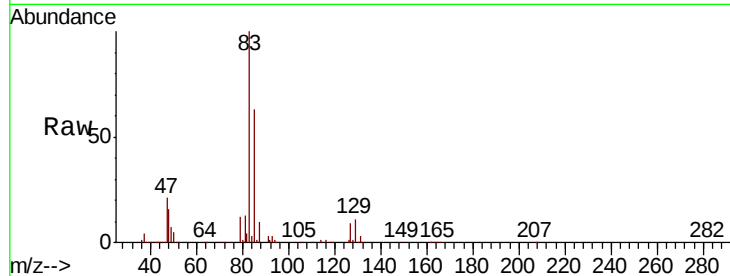
Tgt Ion: 83 Resp: 209473

Ion Ratio Lower Upper

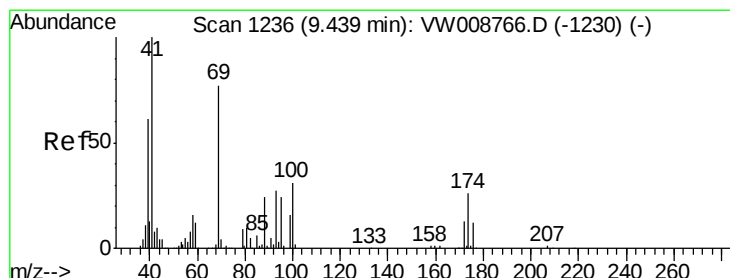
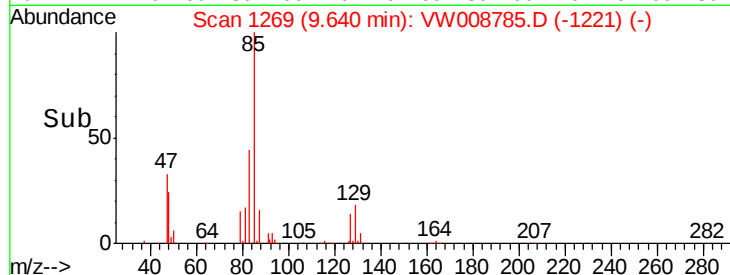
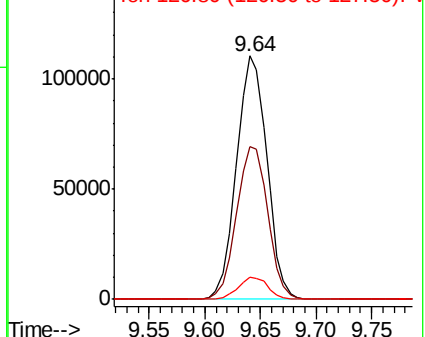
83 100

85 62.8 52.5 78.7

127 8.9 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): V



#48

Methyl methacrylate

Concen: 47.071 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

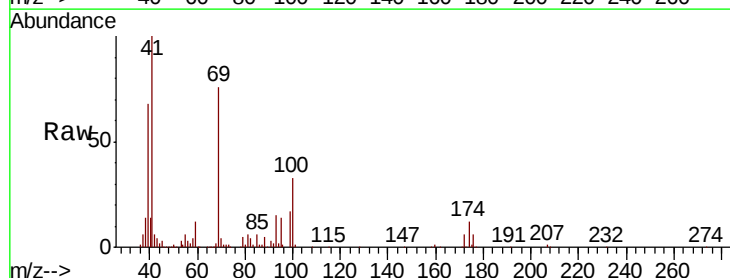
Tgt Ion: 41 Resp: 97043

Ion Ratio Lower Upper

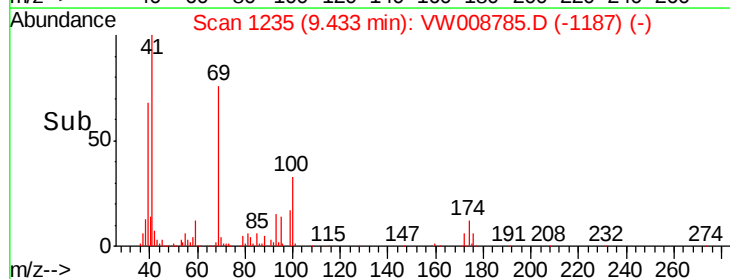
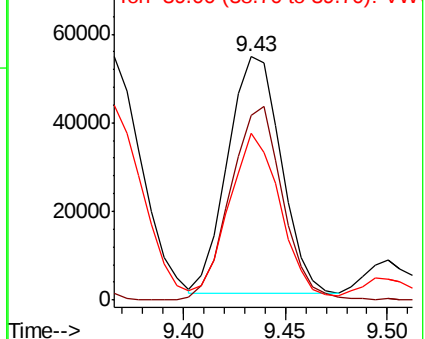
41 100

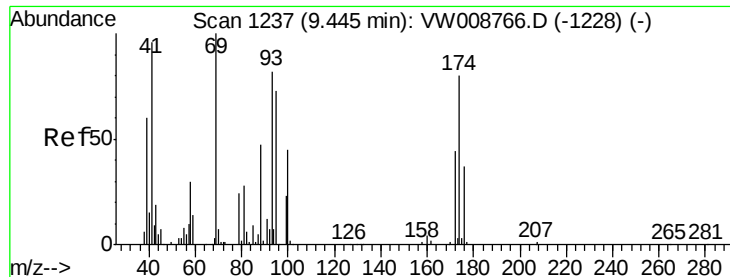
69 80.9 63.6 95.4

39 64.3 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: 875.057 ug/l

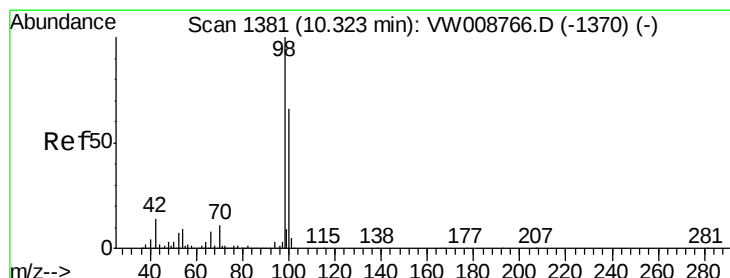
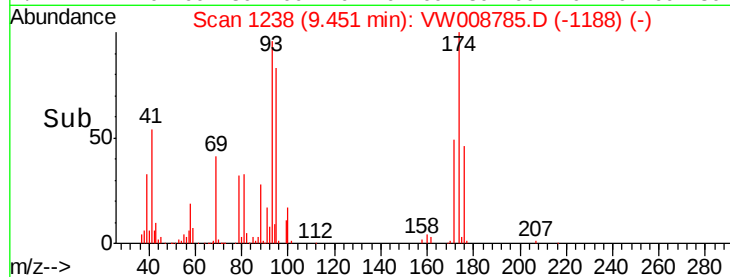
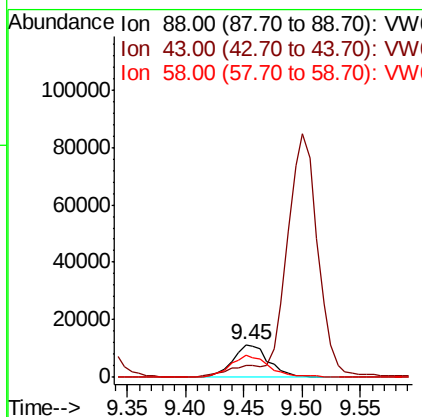
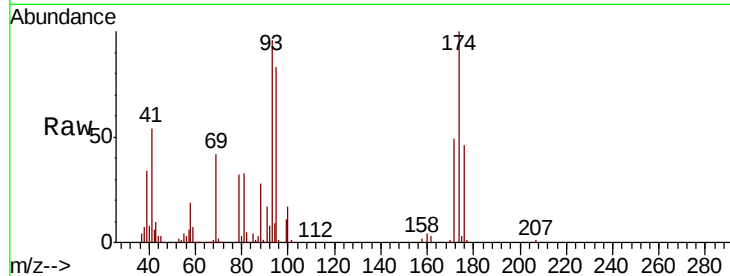
RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

Tgt Ion:	88	Resp:	24392
Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.0	43.4#
58	73.1	52.0	78.0



#50

Toluene-d8

Concen: 54.424 ug/l

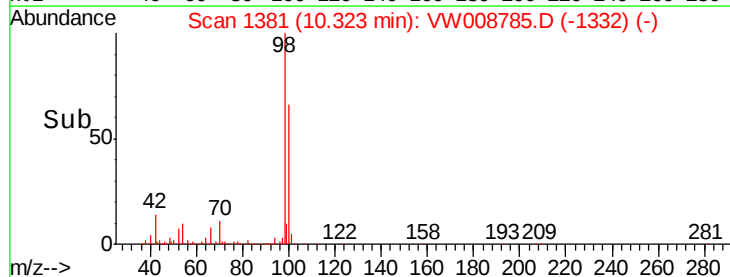
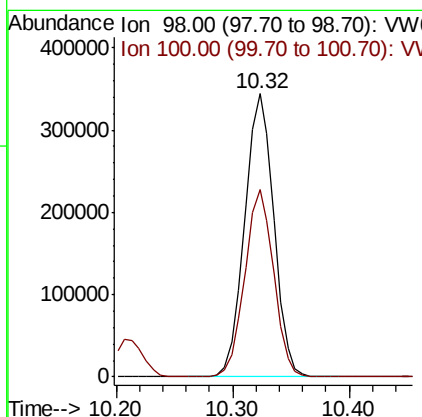
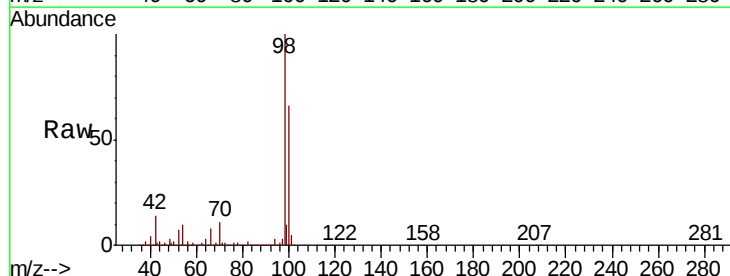
RT: 10.32 min Scan# 1381

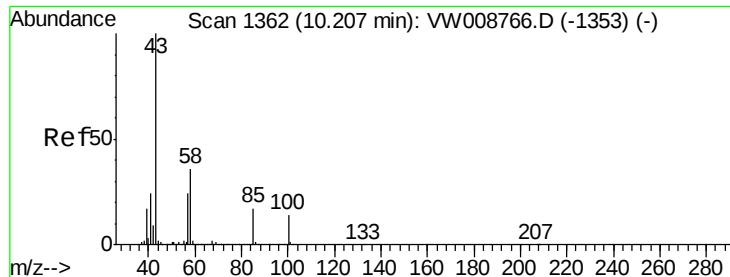
Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

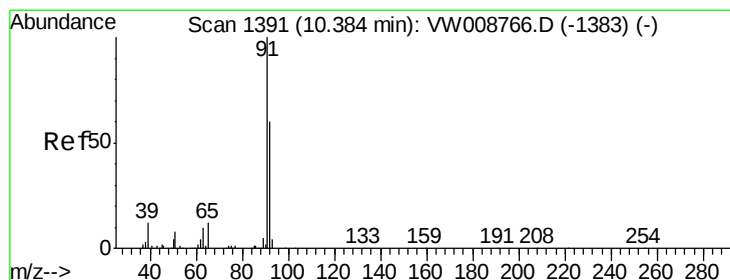
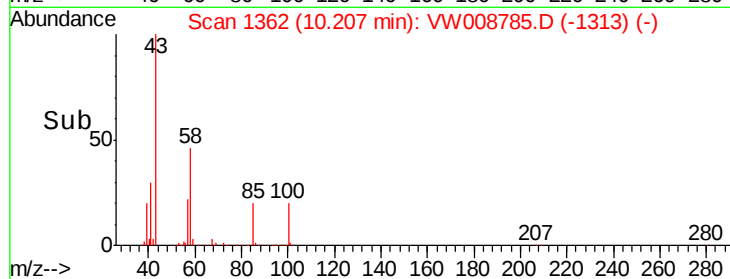
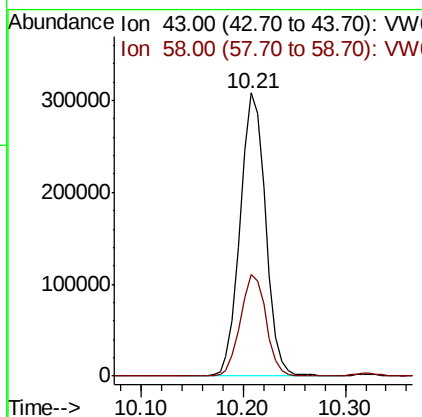
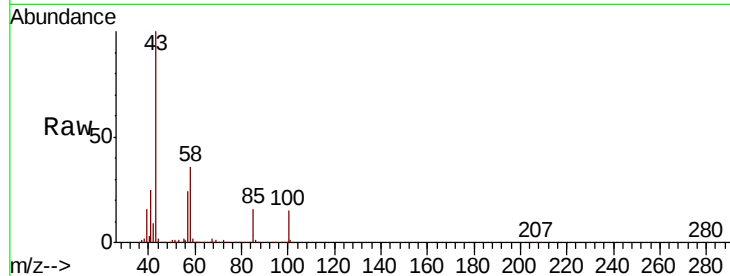
Tgt Ion:	98	Resp:	601019
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





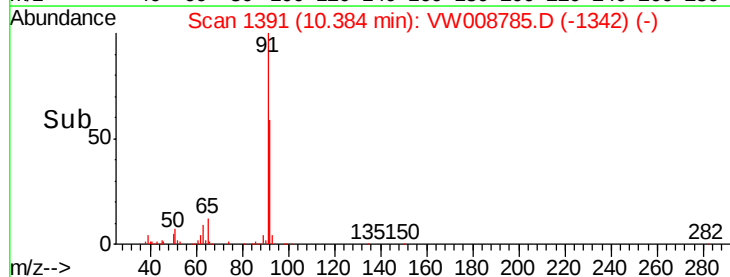
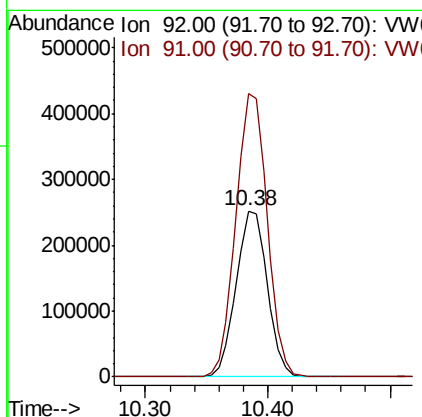
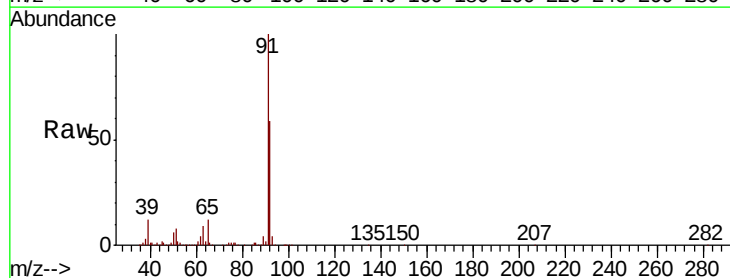
#51
 4-Methyl-2-Pentanone
 Concen: 242.749 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

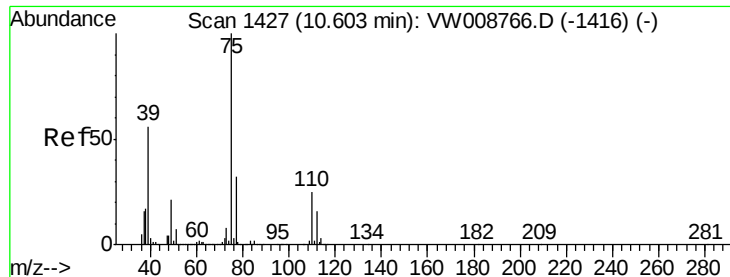
Tgt Ion: 43 Resp: 530512
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.1 43.7



#52
 Toluene
 Concen: 51.727 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

Tgt Ion: 92 Resp: 444558
 Ion Ratio Lower Upper
 92 100
 91 172.2 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 49.722 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008785.D

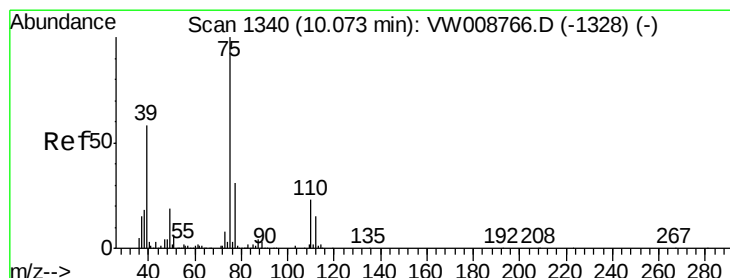
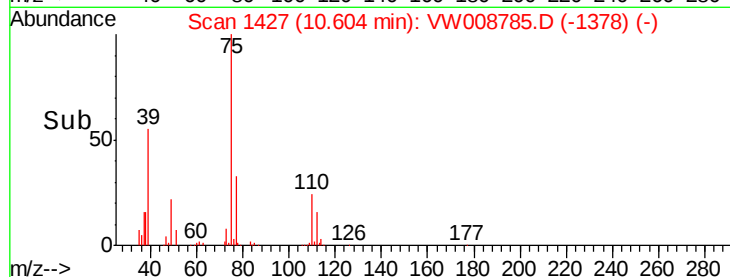
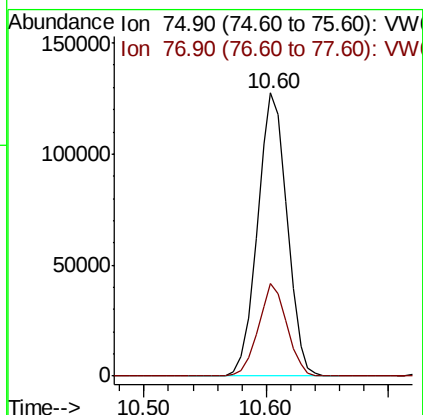
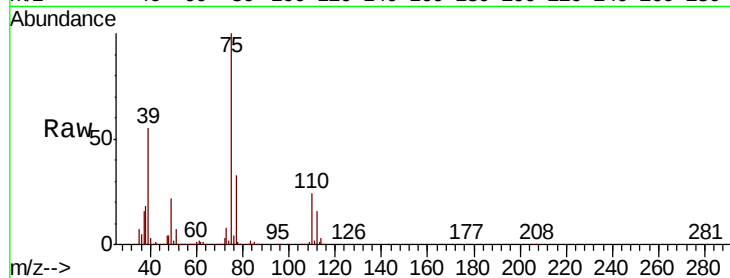
Acq: 22 Feb 2019 12:30

Tgt Ion: 75 Resp: 214629

Ion Ratio Lower Upper

75 100

77 32.6 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 50.562 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

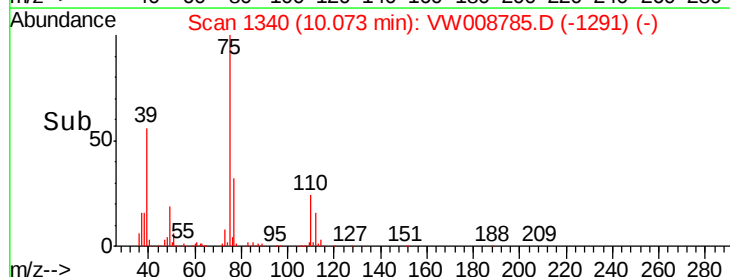
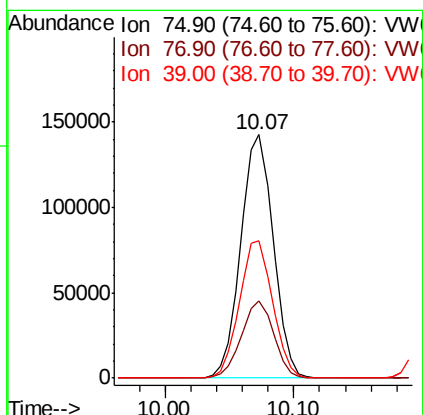
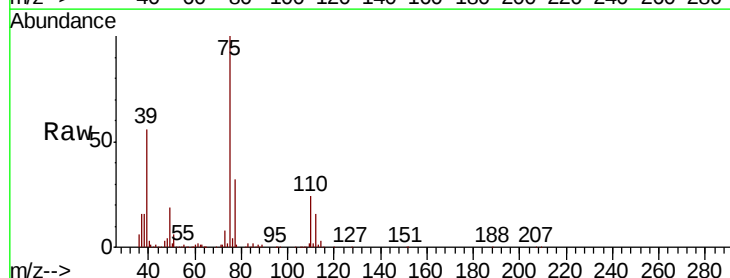
Tgt Ion: 75 Resp: 248923

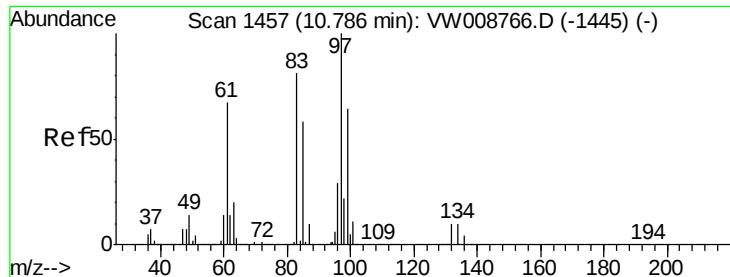
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4

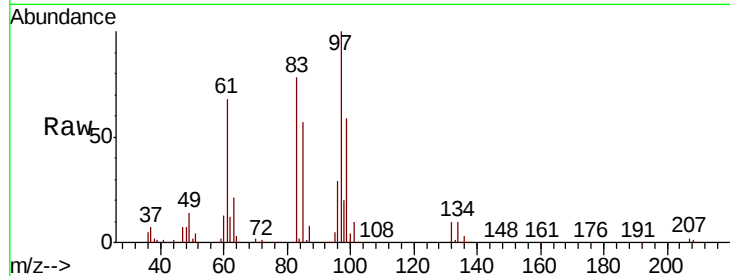
39 56.3 46.6 70.0





#55
 1,1,2-Trichloroethane
 Concen: 48.591 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

Tgt Ion:	97	Resp:	114704
Ion	Ratio	Lower	Upper
97	100		
83	77.7	65.0	97.6
85	56.9	46.0	69.0
99	58.9	51.1	76.7



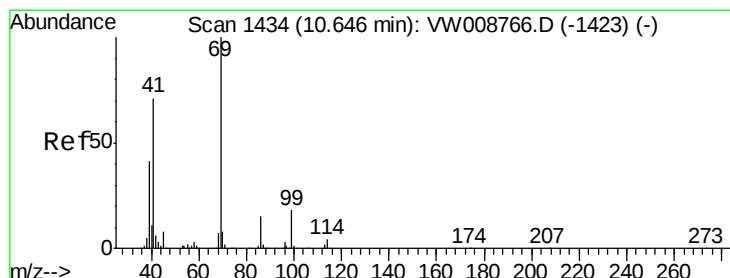
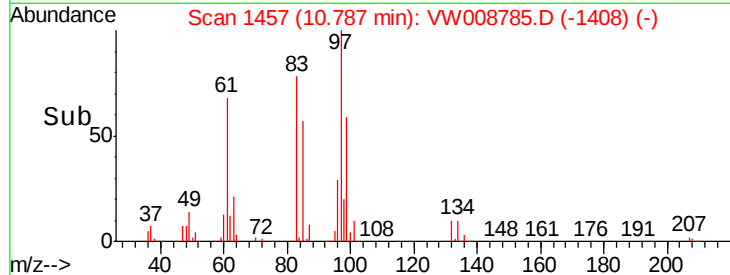
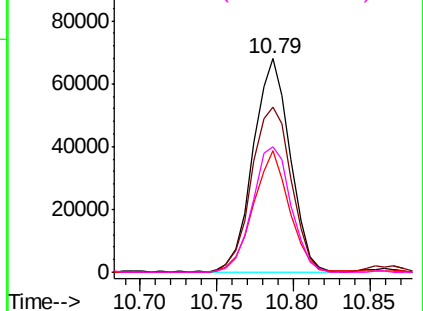
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

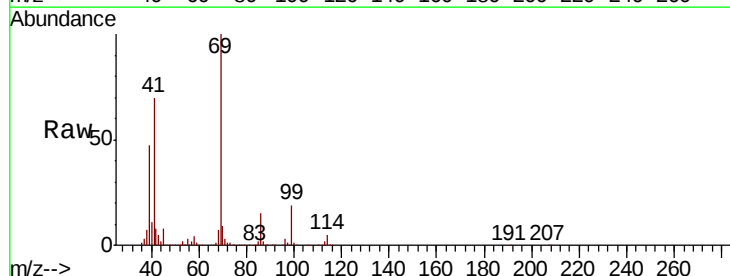
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 50.158 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

Tgt Ion:	69	Resp:	153829
Ion	Ratio	Lower	Upper
69	100		
41	73.5	57.4	86.0
39	43.1	34.8	52.2

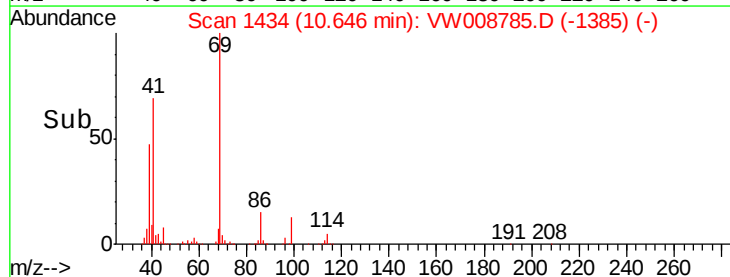
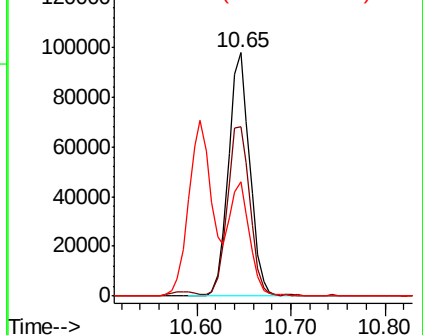


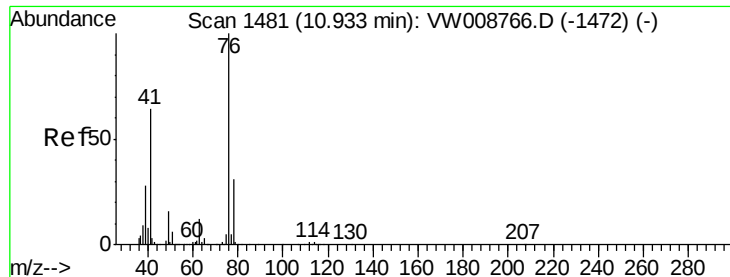
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

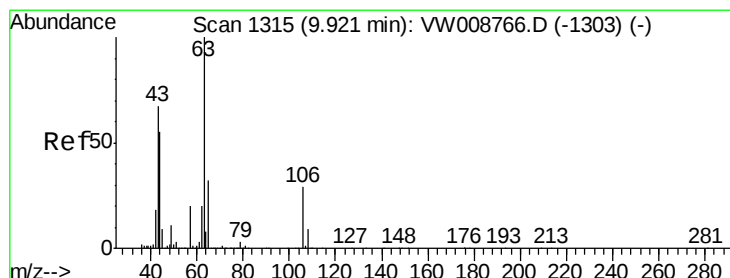
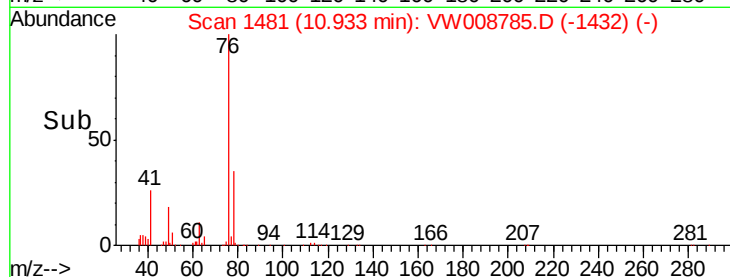
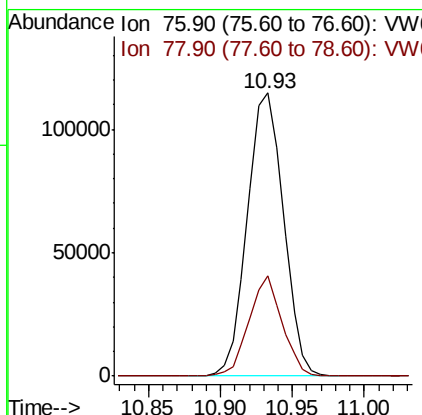
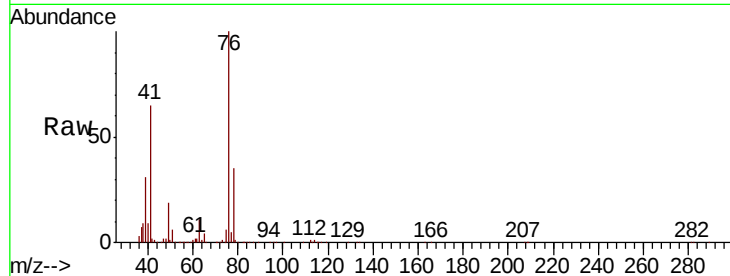
Ion 39.00 (38.70 to 39.70): VW





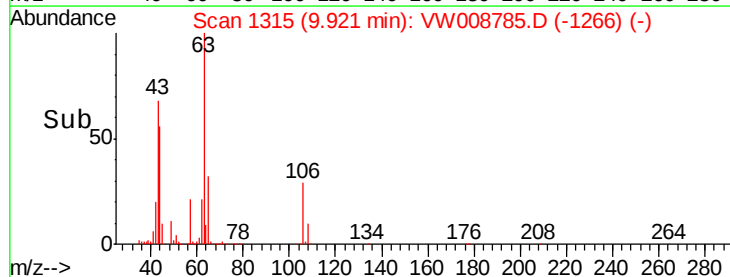
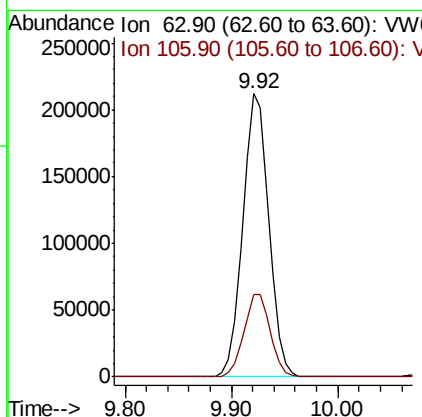
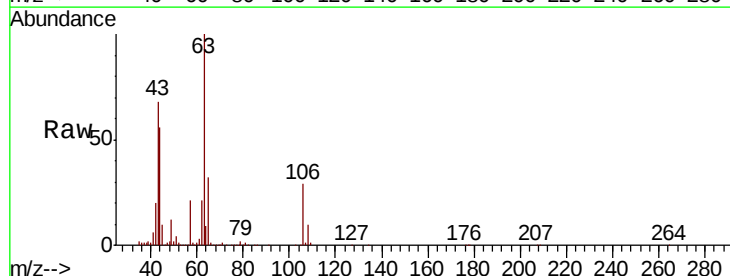
#57
 1,3-Dichloropropane
 Concen: 48.021 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

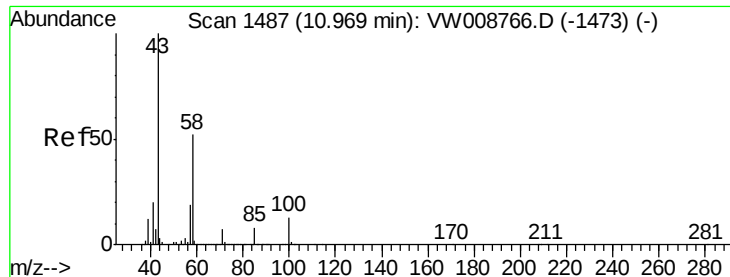
Tgt Ion: 76 Resp: 200145
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.699 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

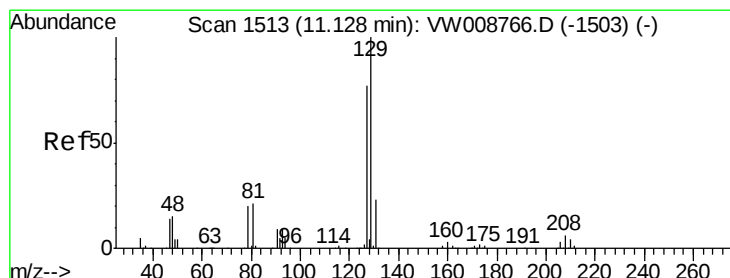
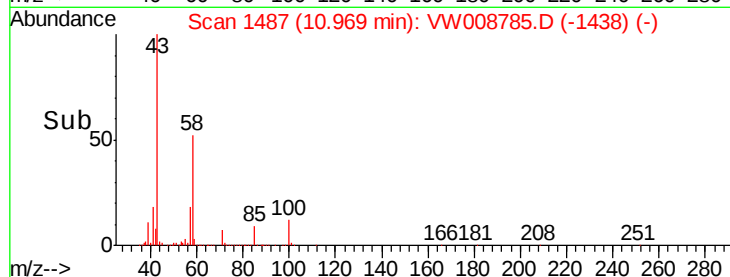
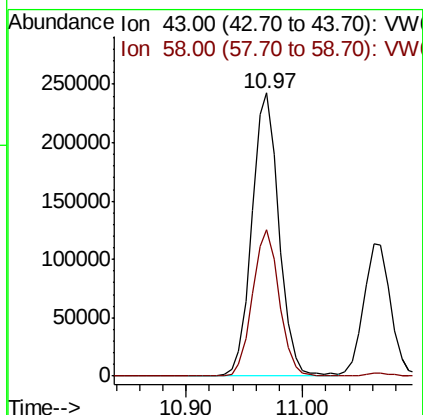
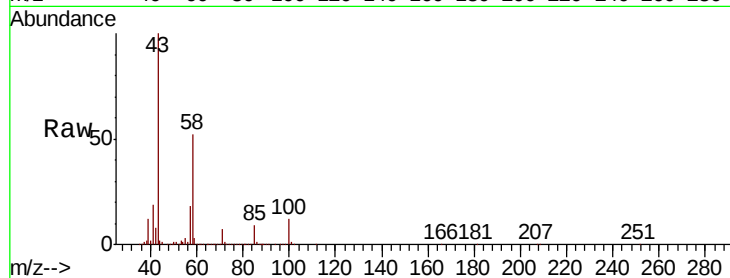
Tgt Ion: 63 Resp: 363561
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.0 36.0





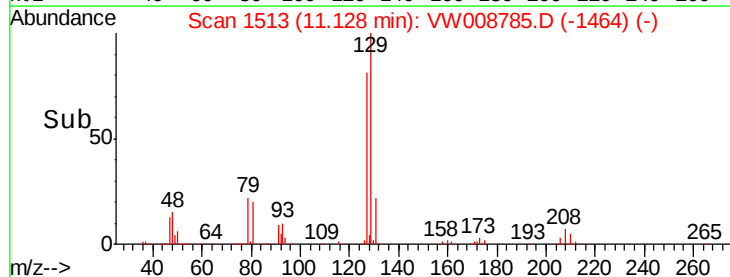
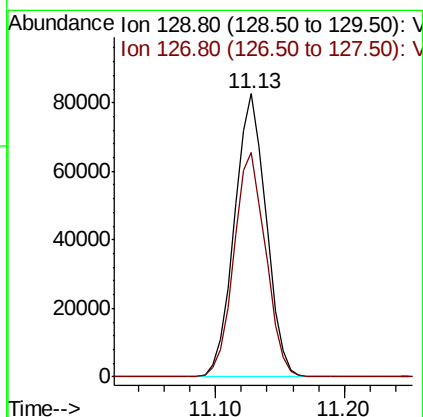
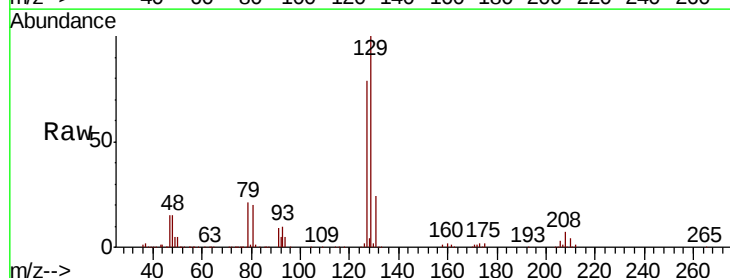
#59
2-Hexanone
Concen: 251.618 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

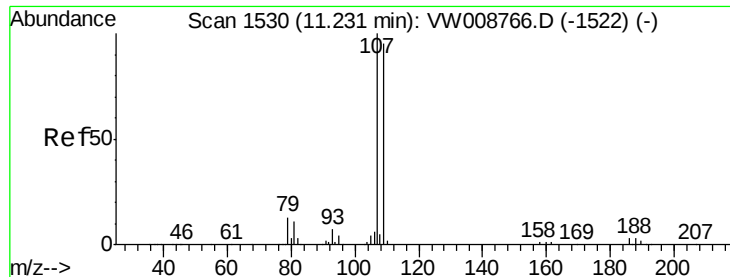
Tgt Ion: 43 Resp: 391438
Ion Ratio Lower Upper
43 100
58 51.3 25.3 75.8



#60
Dibromochloromethane
Concen: 48.958 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

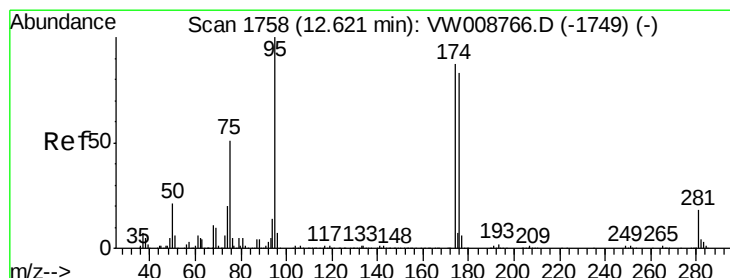
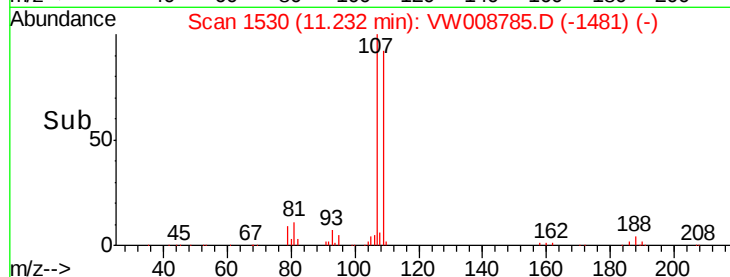
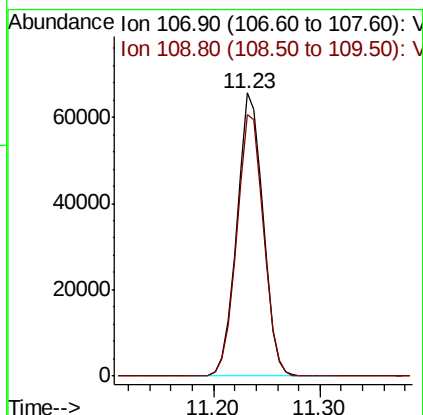
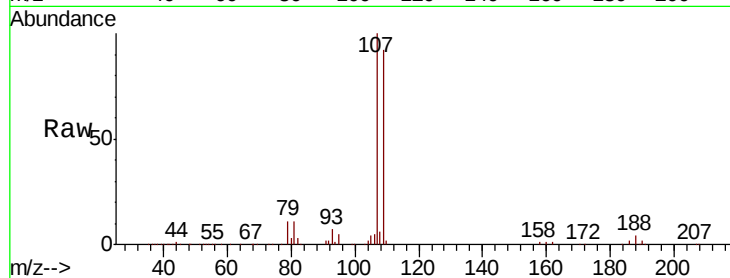
Tgt Ion: 129 Resp: 140964
Ion Ratio Lower Upper
129 100
127 79.3 39.0 116.9





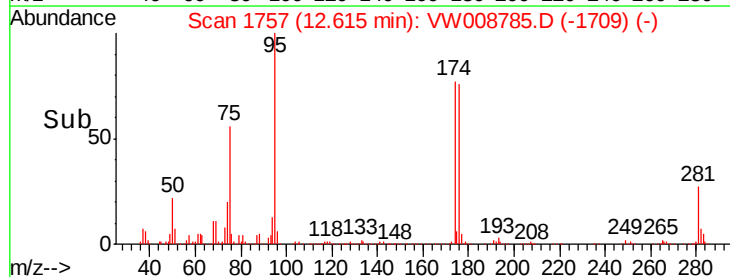
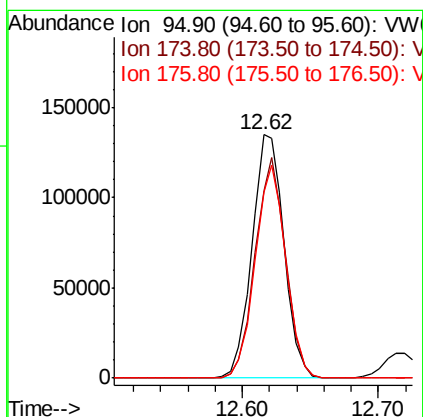
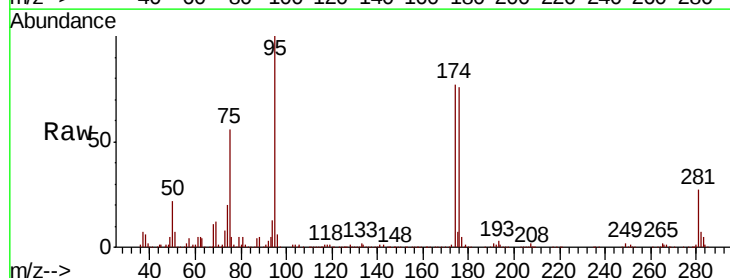
#61
 1,2-Dibromoethane
 Concen: 48.656 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

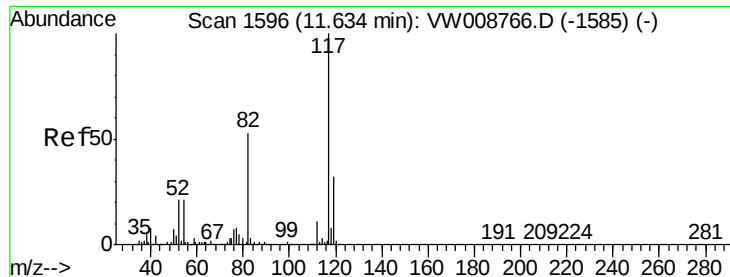
Tgt Ion: 107 Resp: 113691
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.453 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

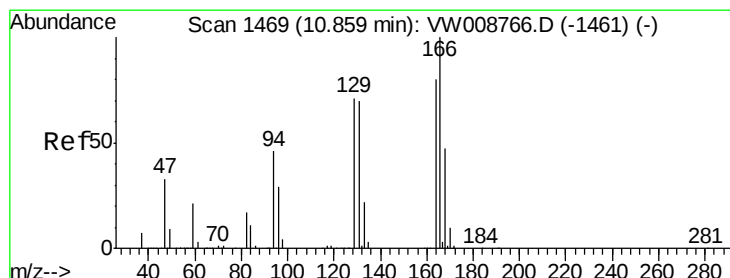
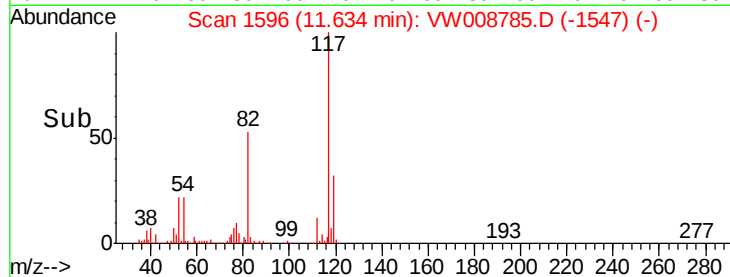
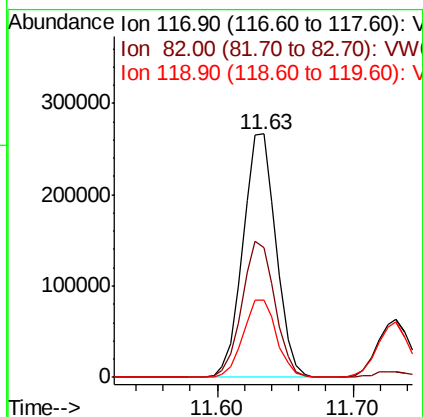
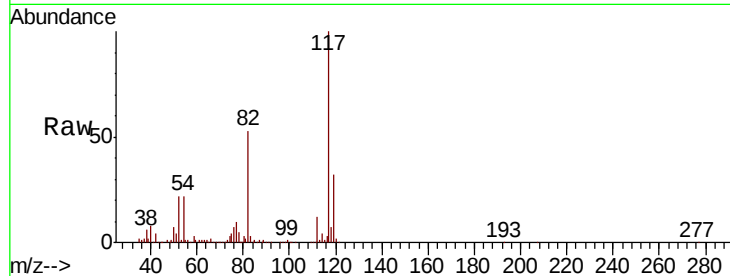
Tgt Ion: 95 Resp: 222481
 Ion Ratio Lower Upper
 95 100
 174 86.2 0.0 169.2
 176 84.3 0.0 163.6





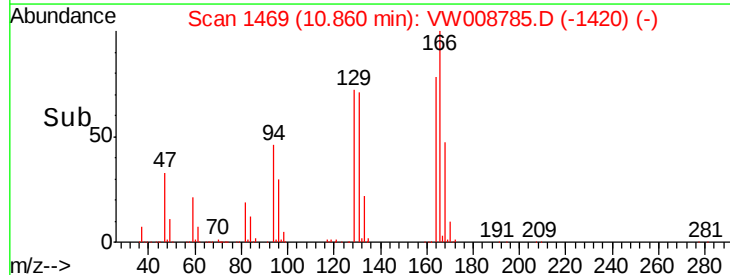
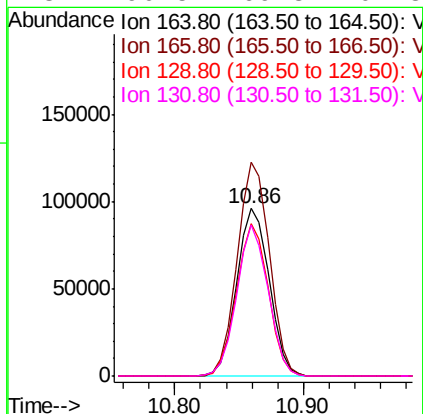
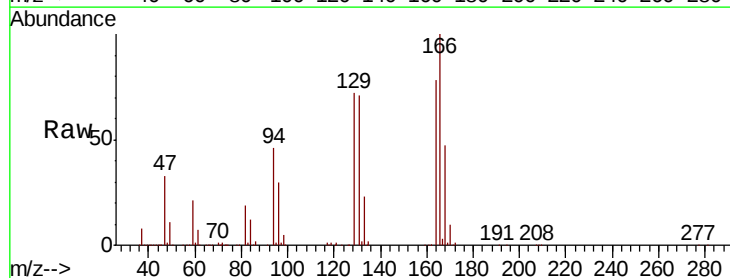
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

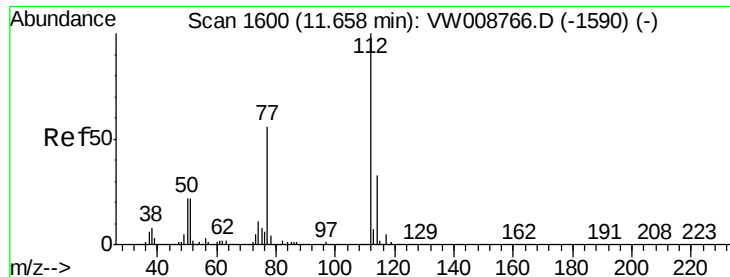
Tgt Ion:	117	Resp:	454121
Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	31.8	25.9	38.9



#64
Tetrachloroethene
Concen: 51.515 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion:	164	Resp:	167459
Ion	Ratio	Lower	Upper
164	100		
166	127.7	99.5	149.3
129	91.3	71.1	106.7
131	90.5	69.8	104.8





#65

Chlorobenzene

Concen: 50.622 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008785.D

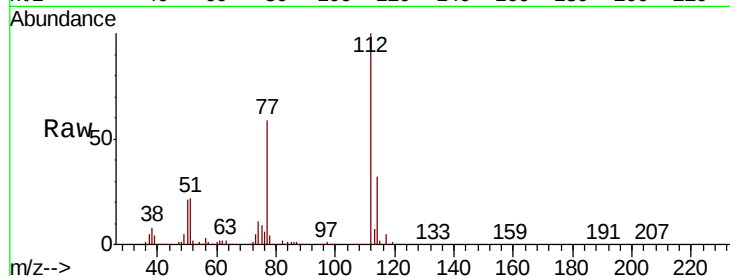
Acq: 22 Feb 2019 12:30

Tgt Ion:112 Resp: 483383

Ion Ratio Lower Upper

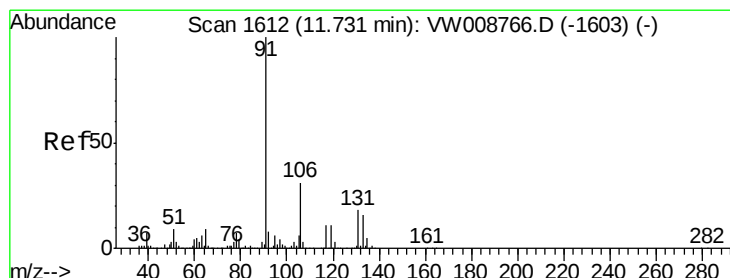
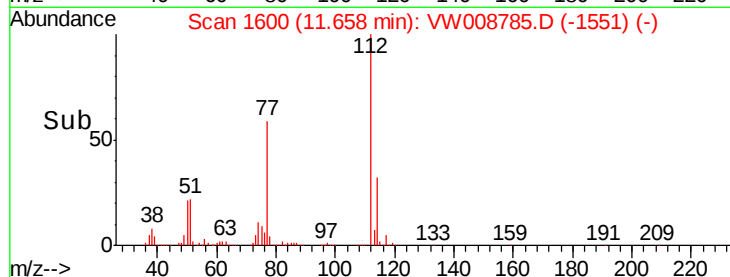
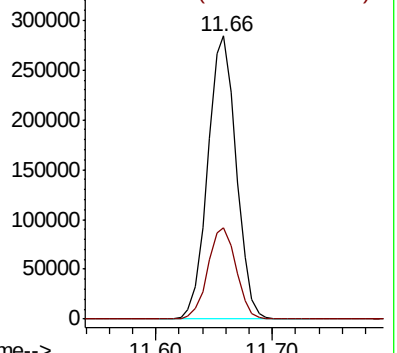
112 100

114 32.2 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: 48.906 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

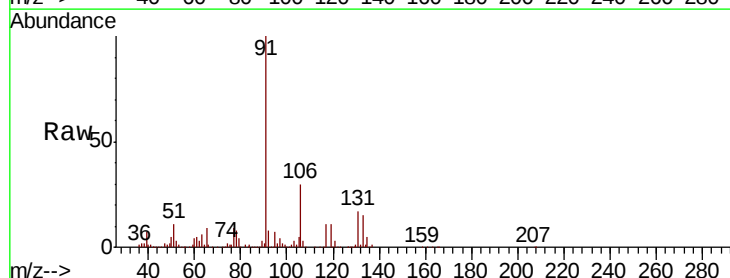
Tgt Ion:131 Resp: 157903

Ion Ratio Lower Upper

131 100

133 95.0 46.7 140.0

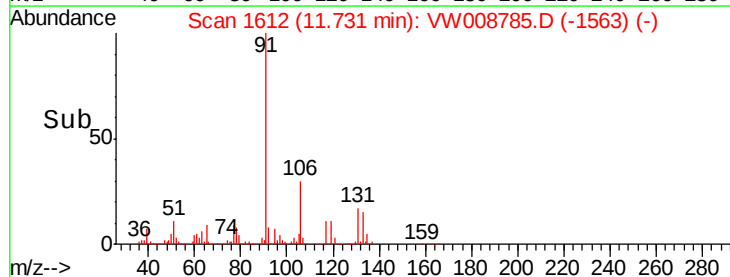
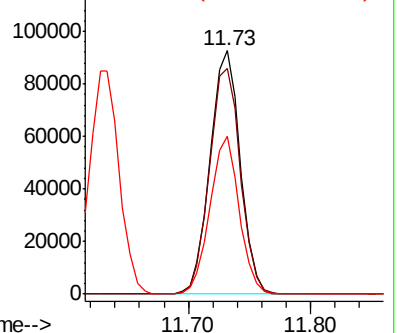
119 62.9 30.8 92.4

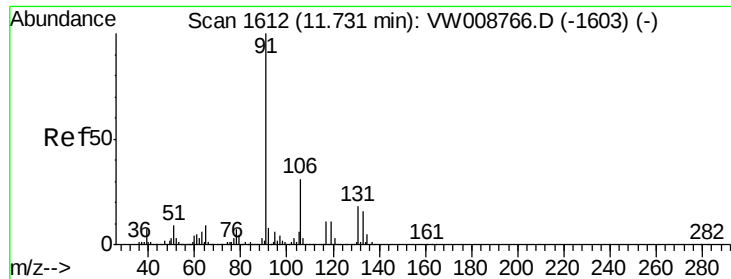


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

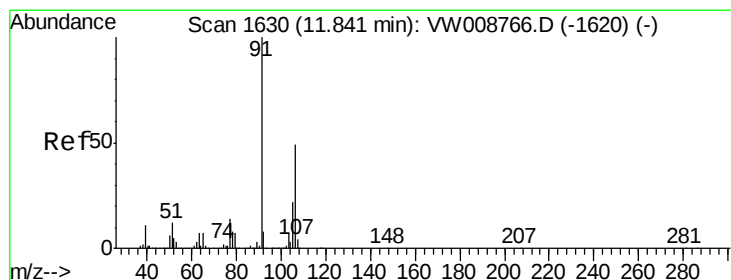
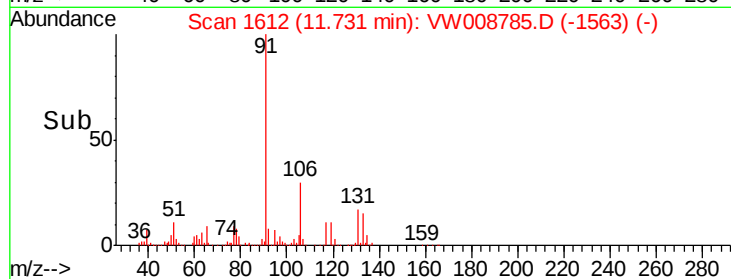
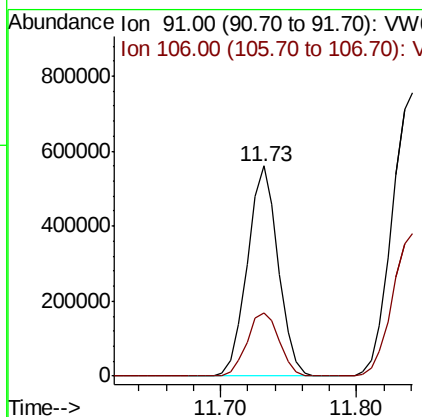
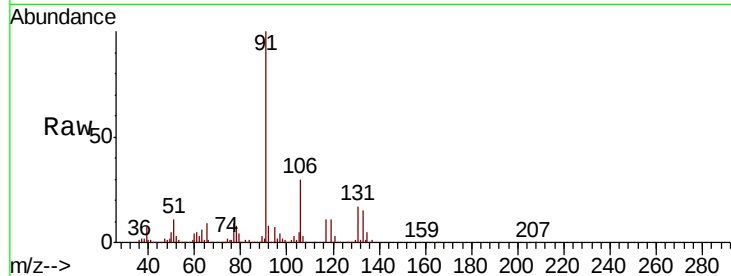
Ion 118.80 (118.50 to 119.50): V





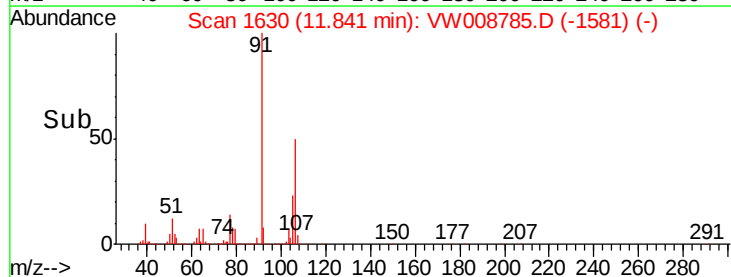
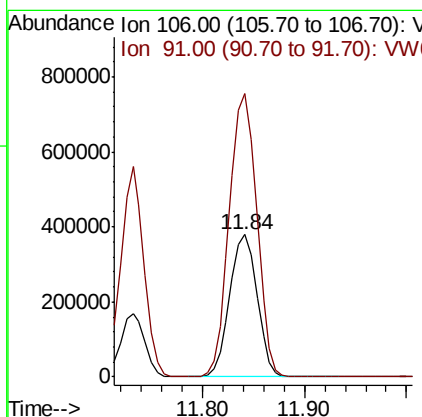
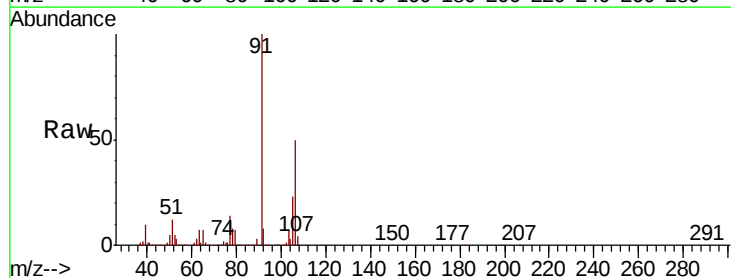
#67
Ethyl Benzene
Concen: 52.013 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

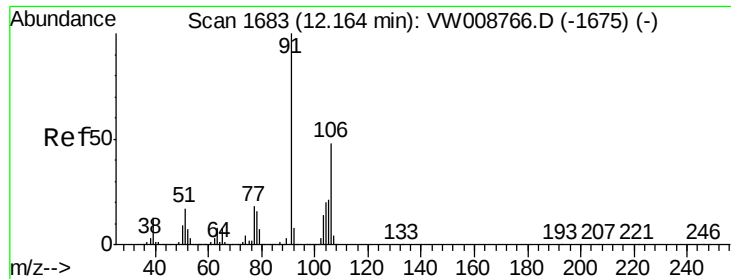
Tgt Ion: 91 Resp: 887863
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.6



#68
m/p-Xylenes
Concen: 103.466 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

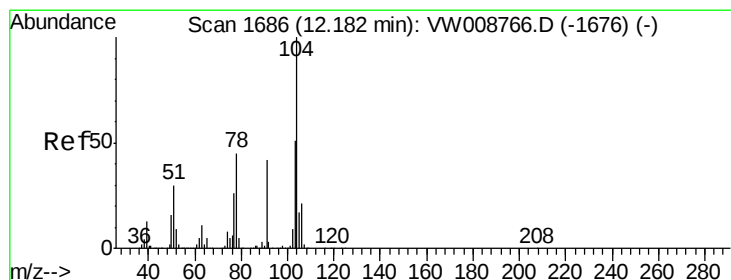
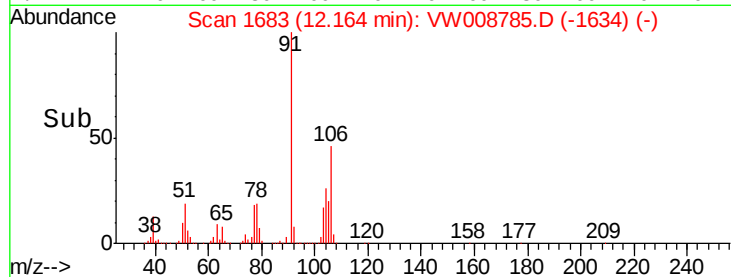
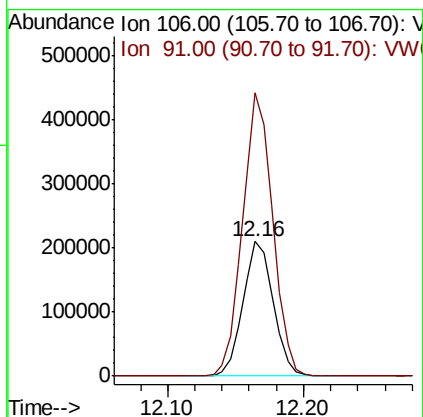
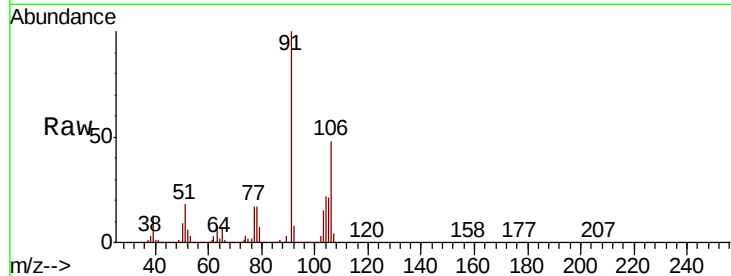
Tgt Ion: 106 Resp: 705679
Ion Ratio Lower Upper
106 100
91 200.2 161.5 242.3





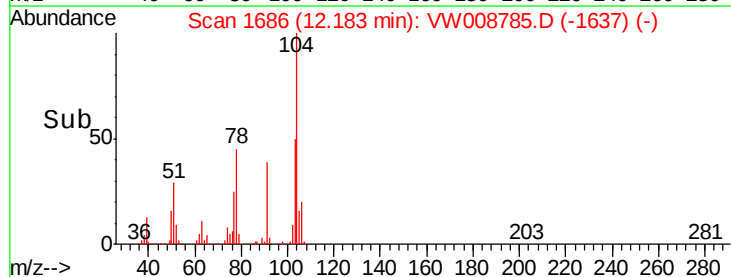
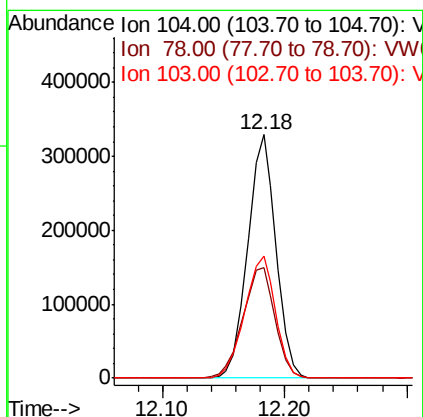
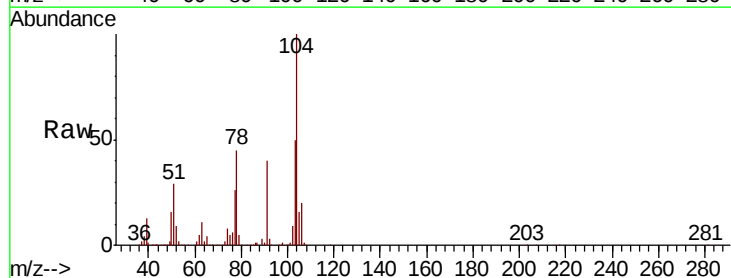
#69
o-Xylene
Concen: 51.119 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion:106 Resp: 327250
Ion Ratio Lower Upper
106 100
91 209.0 106.2 318.6



#70
Styrene
Concen: 51.244 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

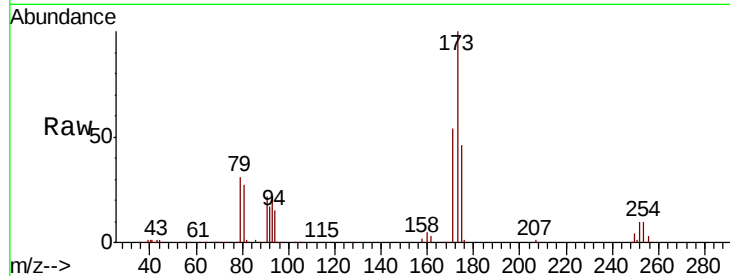
Tgt Ion:104 Resp: 527776
Ion Ratio Lower Upper
104 100
78 51.4 40.8 61.2
103 54.7 44.2 66.2



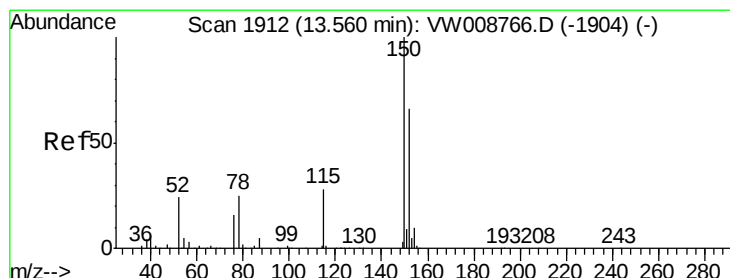
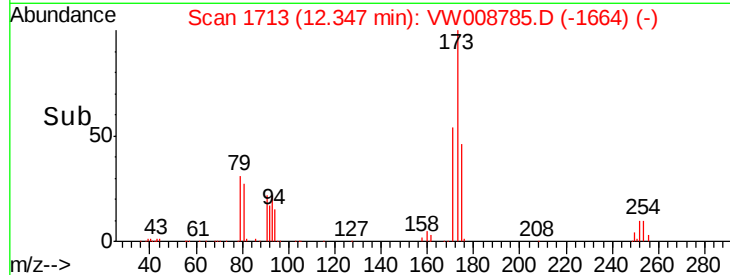
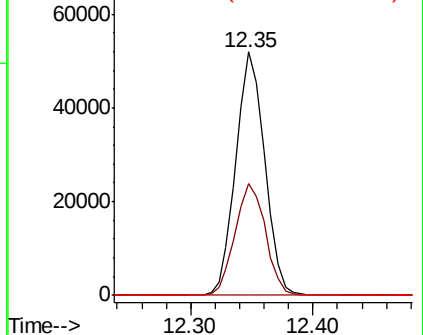


#71
Bromoform
Concen: 48.954 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.2	72.6
254	0.0	0.2	0.4

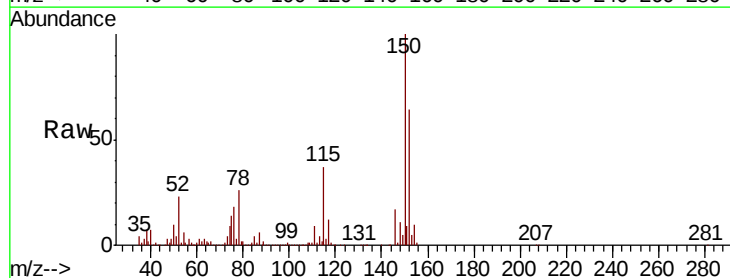


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

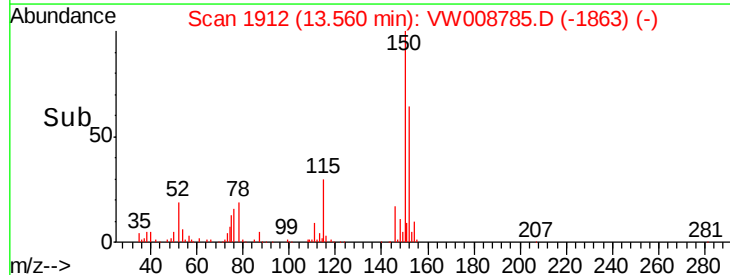
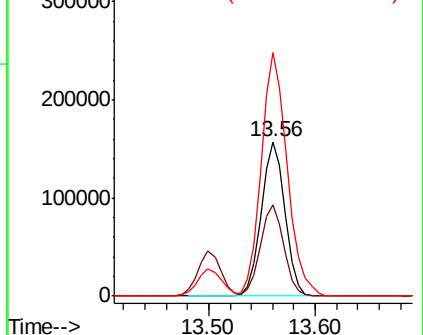


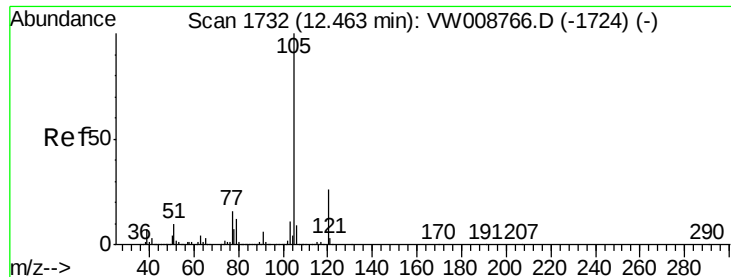
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.6	85.8
150	172.6	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: 53.977 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008785.D

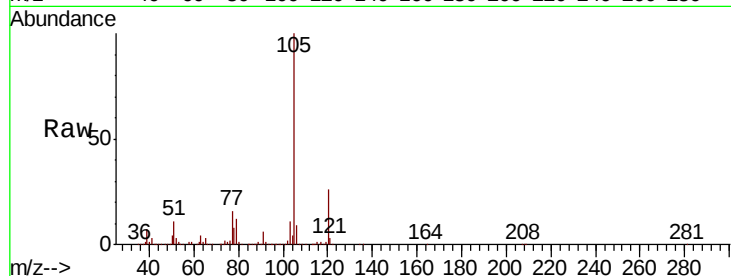
Acq: 22 Feb 2019 12:30

Tgt Ion: 105 Resp: 905787

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

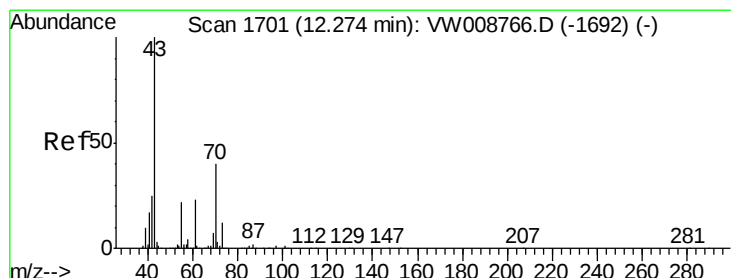
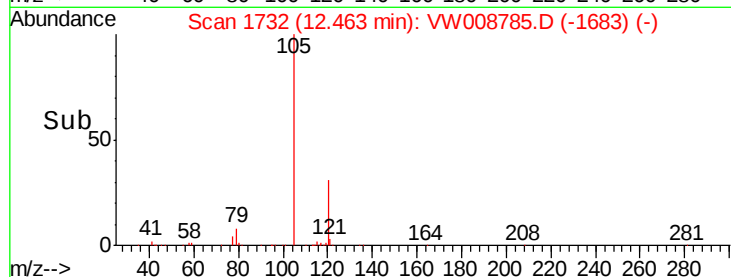
200000

0

12.46

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 50.070 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

Tgt Ion: 43 Resp: 211644

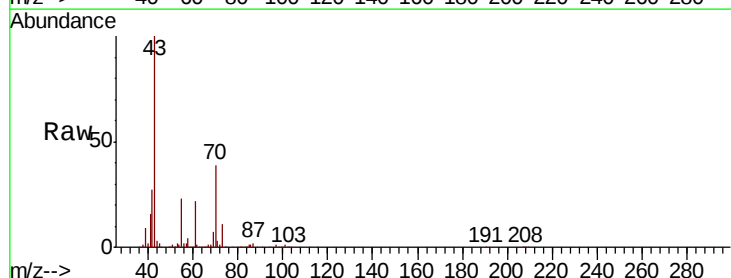
Ion Ratio Lower Upper

43 100

70 39.9 31.0 46.6

55 23.2 18.7 28.1

61 22.5 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

200000

150000

100000

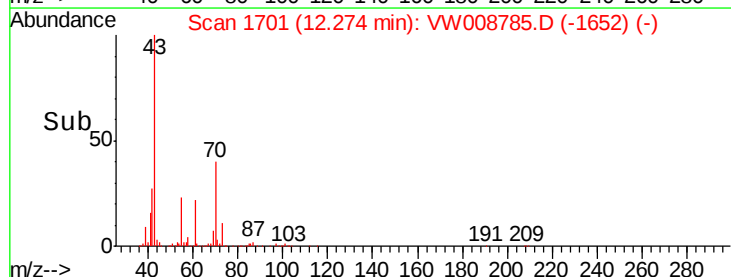
50000

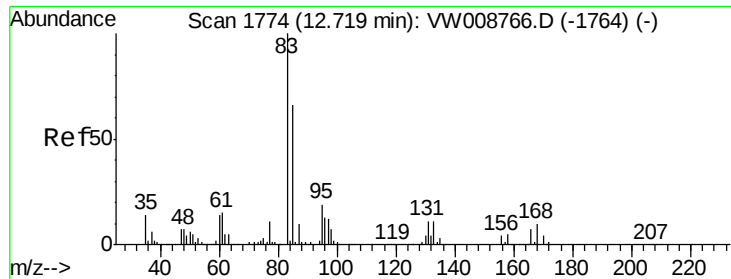
0

12.27

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.948 ug/l

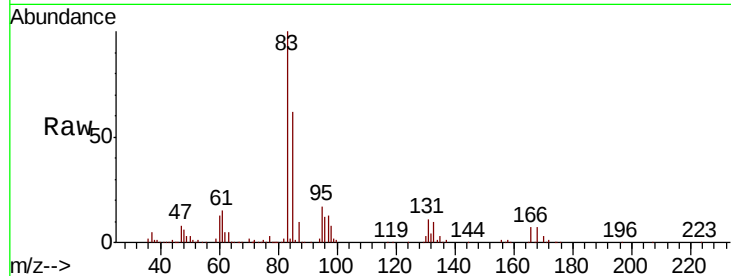
RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

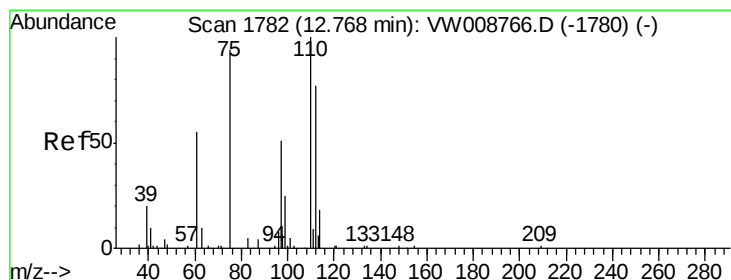
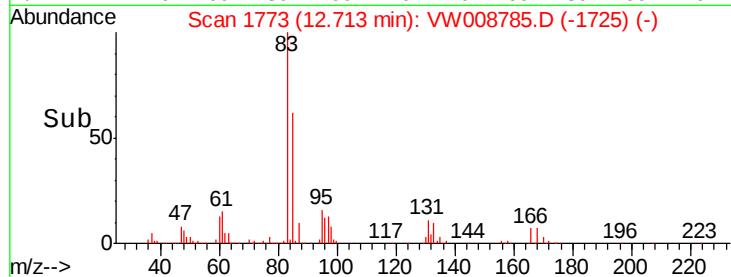
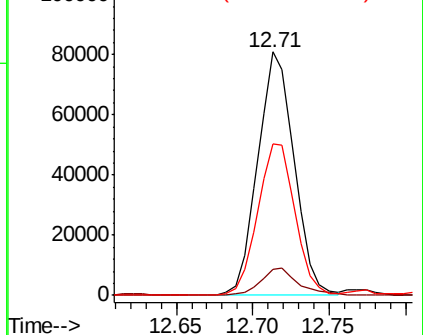
Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

Tgt Ion:	83	Resp:	134212
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.5	16.7
85	64.0	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: 93.771 ug/l

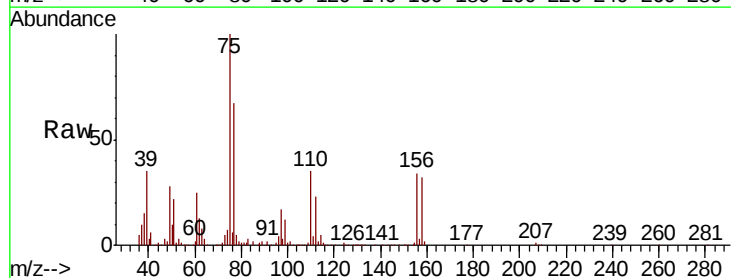
RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

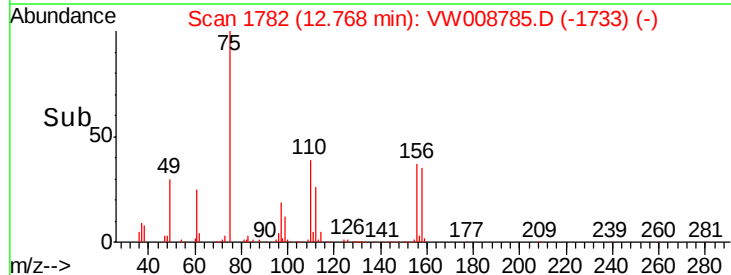
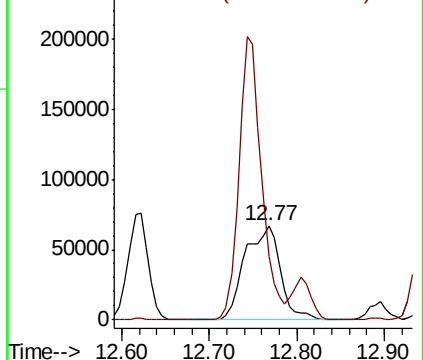
Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

Tgt Ion:	75	Resp:	189513
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



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





#77

Bromobenzene

Concen: 52.109 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

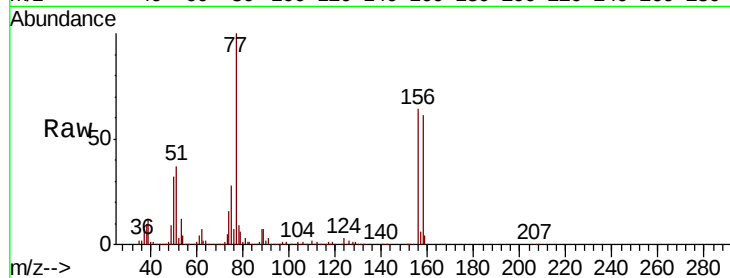
Tgt Ion: 156 Resp: 206640

Ion Ratio Lower Upper

156 100

77 175.8 89.1 267.4

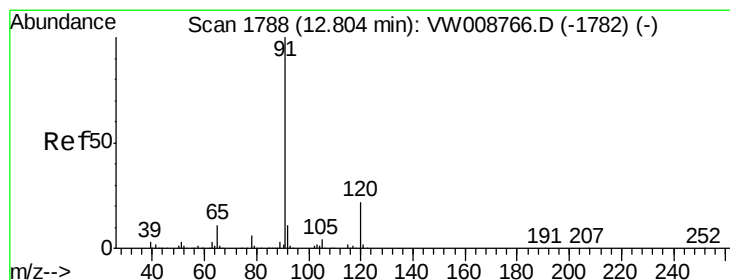
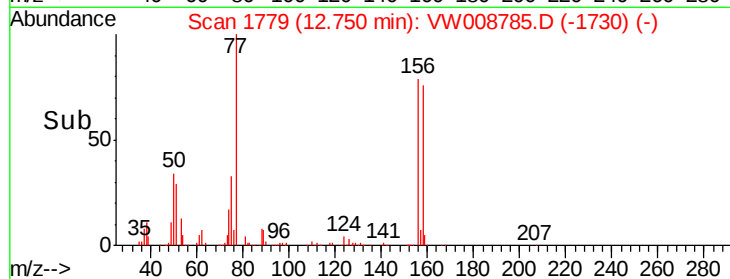
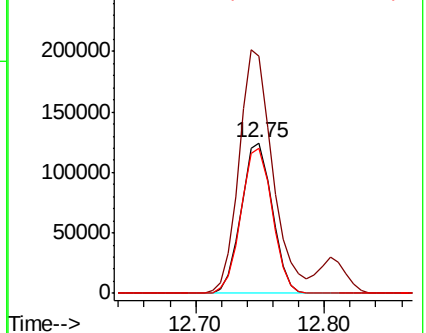
158 96.9 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.708 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008785.D

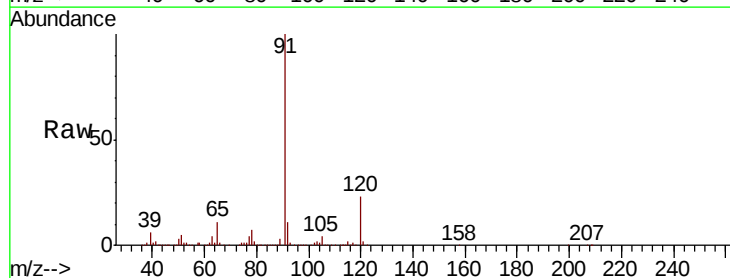
Acq: 22 Feb 2019 12:30

Tgt Ion: 91 Resp: 1102465

Ion Ratio Lower Upper

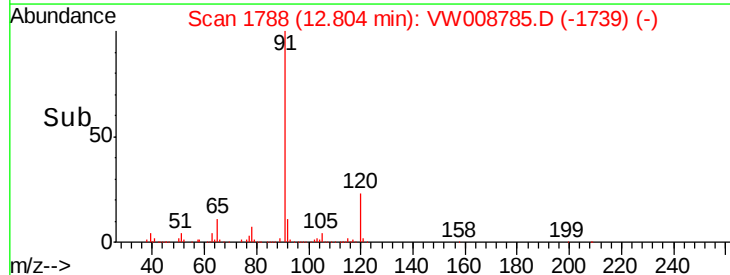
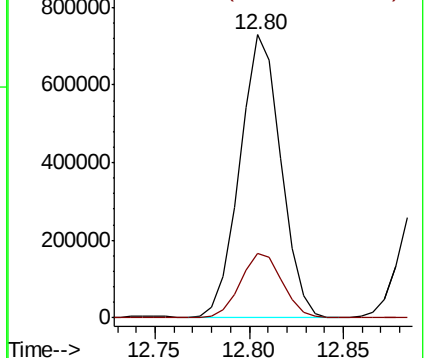
91 100

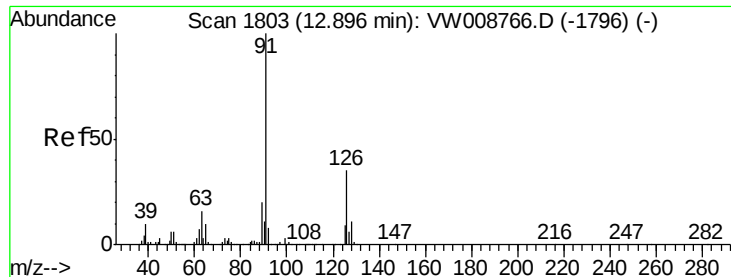
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.005 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008785.D

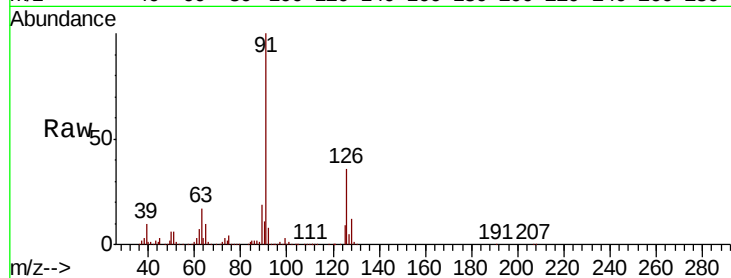
Acq: 22 Feb 2019 12:30

Tgt Ion: 91 Resp: 606083

Ion Ratio Lower Upper

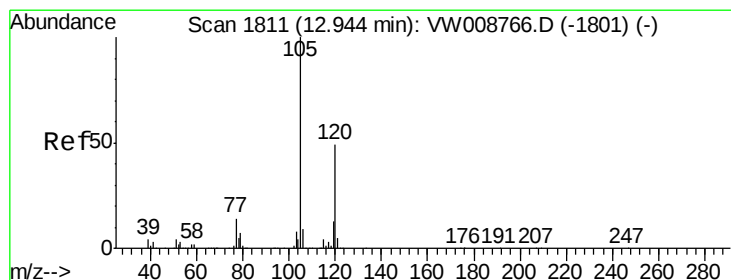
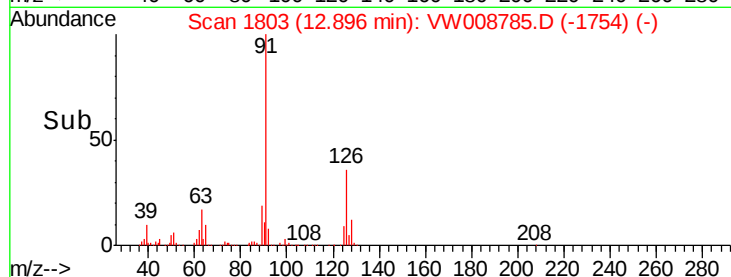
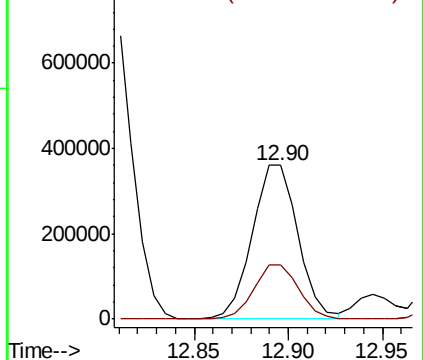
91 100

126 34.9 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.861 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008785.D

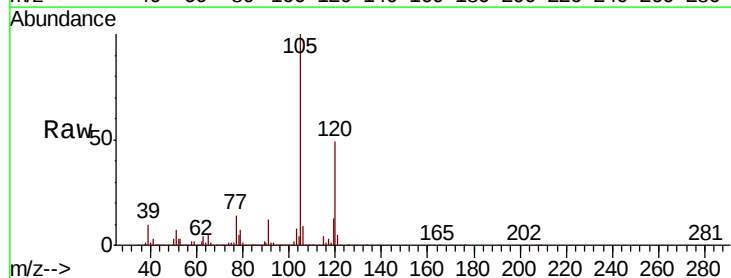
Acq: 22 Feb 2019 12:30

Tgt Ion: 105 Resp: 756278

Ion Ratio Lower Upper

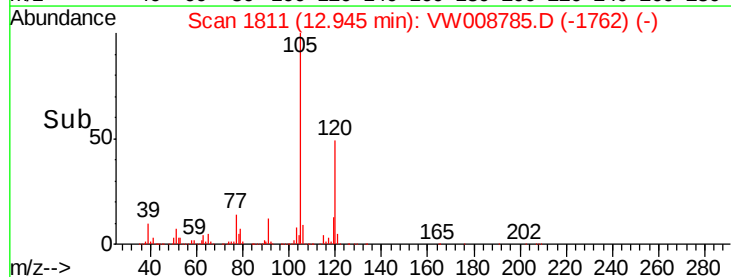
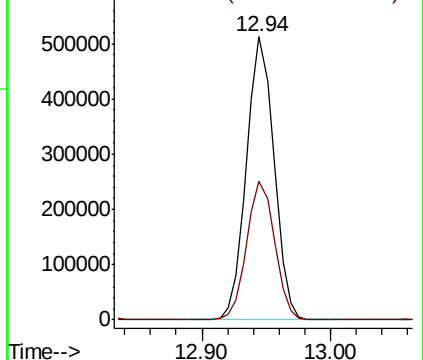
105 100

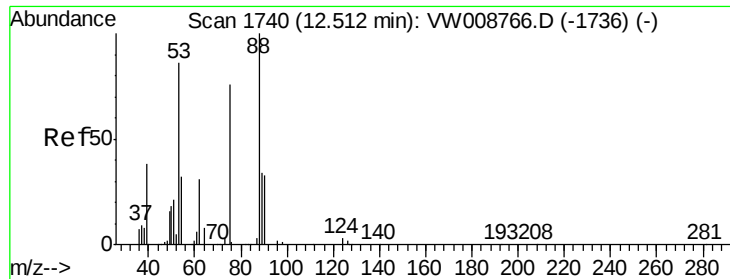
120 49.7 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.578 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

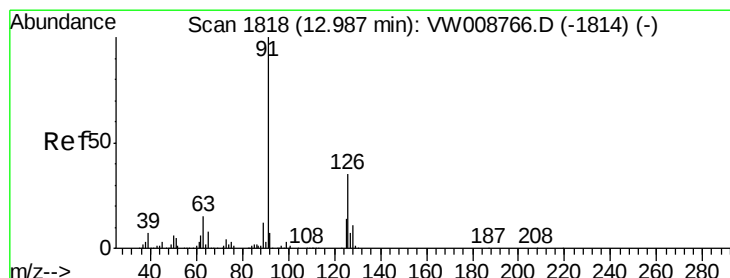
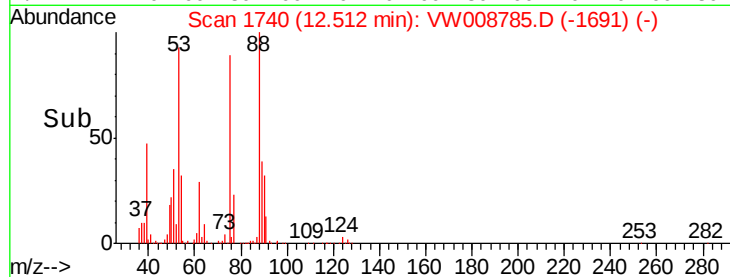
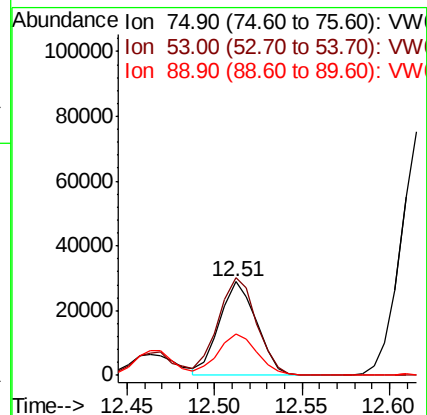
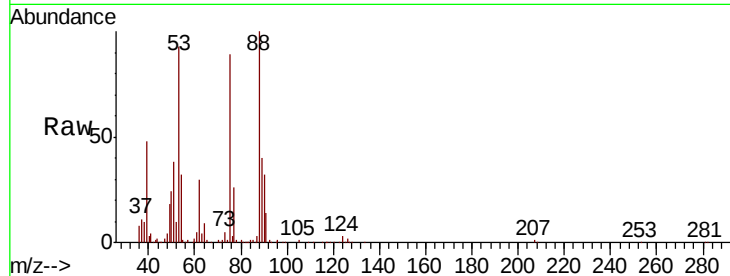
Tgt Ion: 75 Resp: 42878

Ion Ratio Lower Upper

75 100

53 108.8 88.2 132.2

89 46.2 39.5 59.3



#82

4-Chlorotoluene

Concen: 52.247 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW008785.D

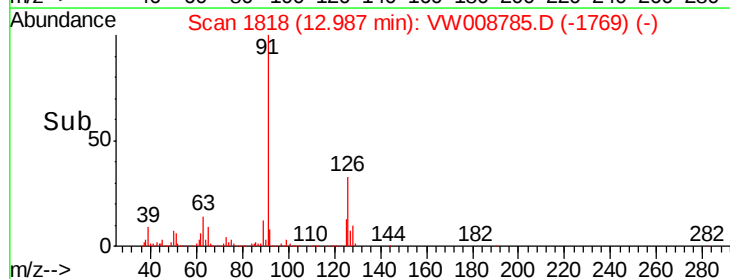
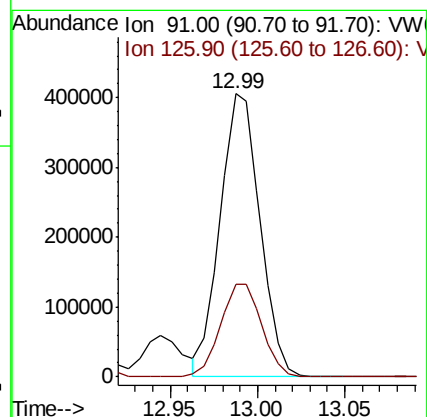
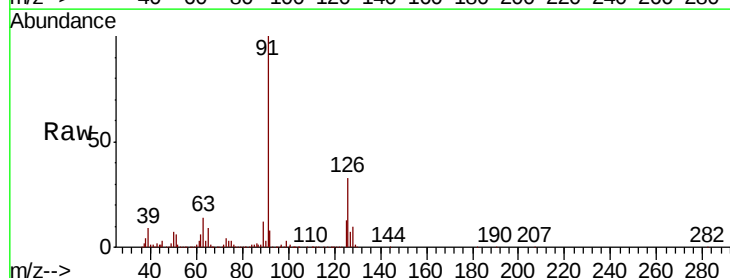
Acq: 22 Feb 2019 12:30

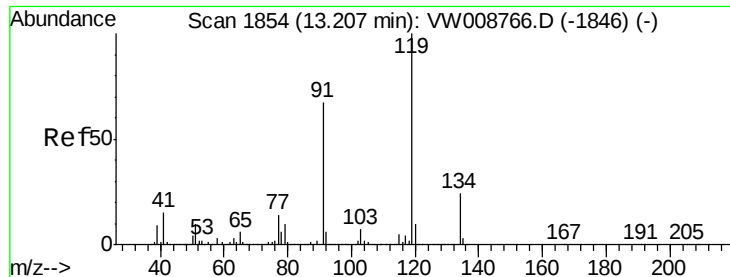
Tgt Ion: 91 Resp: 641661

Ion Ratio Lower Upper

91 100

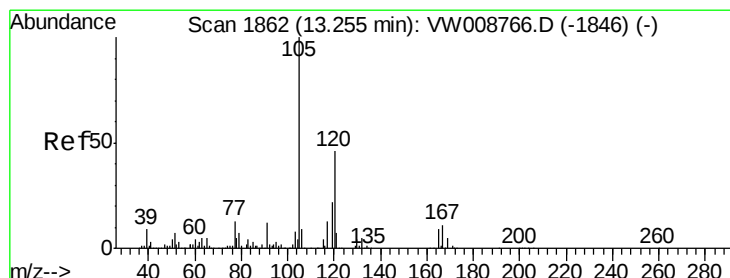
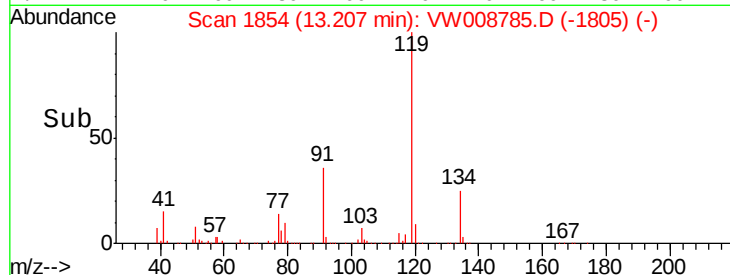
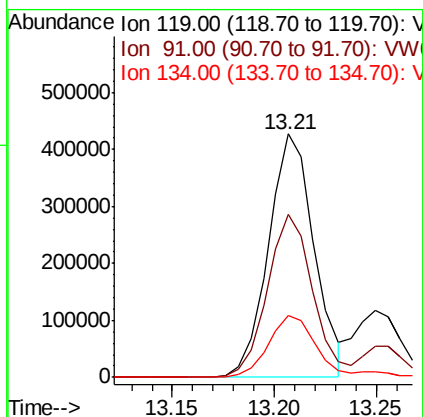
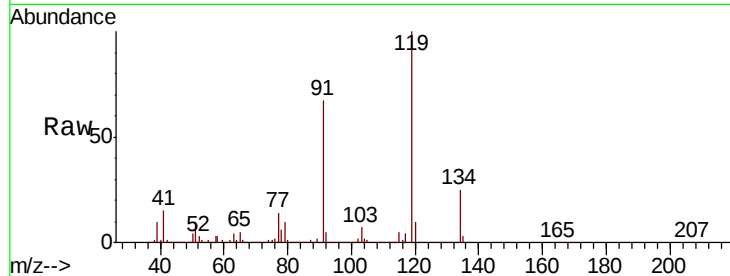
126 33.9 17.2 51.6





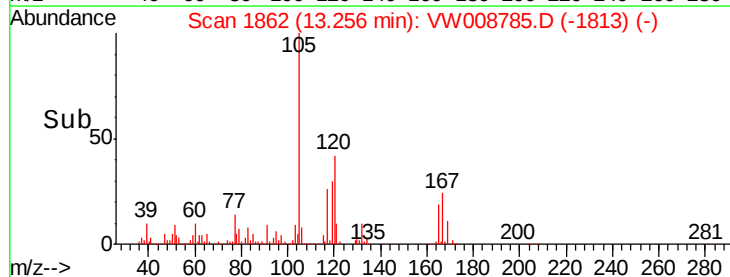
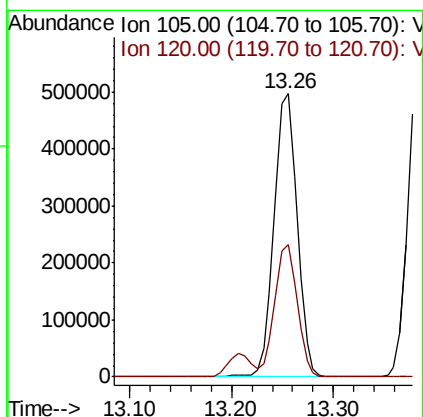
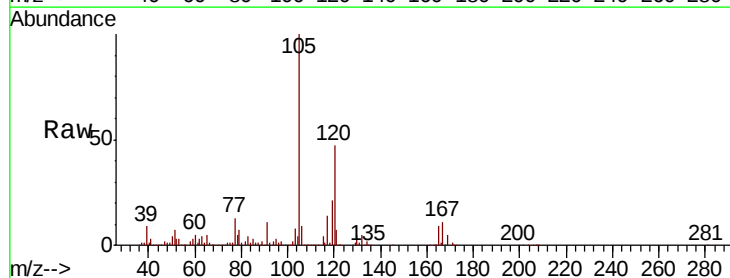
#83
tert-Butylbenzene
Concen: 52.836 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

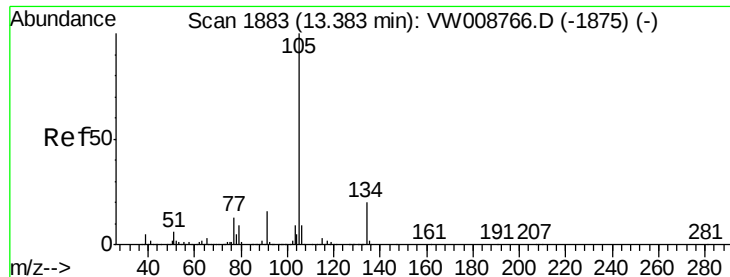
Tgt Ion:119 Resp: 666225
Ion Ratio Lower Upper
119 100
91 66.8 33.6 100.8
134 27.7 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 51.336 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

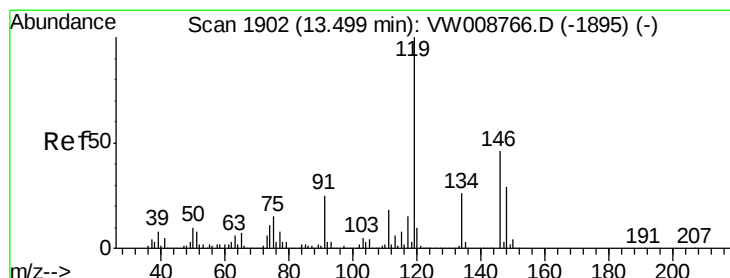
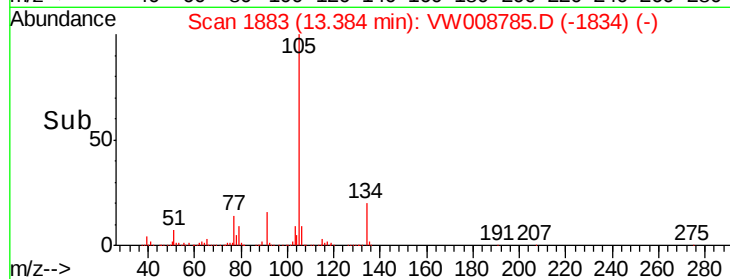
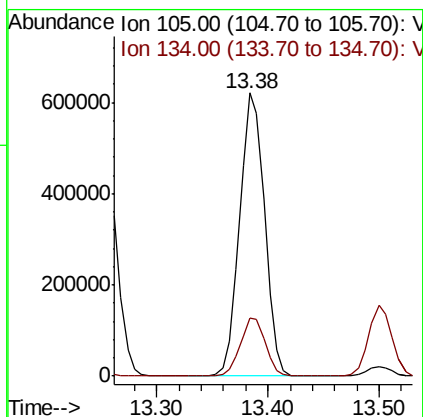
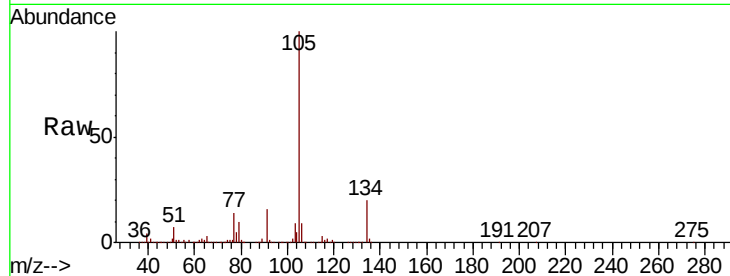
Tgt Ion:105 Resp: 774959
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.4





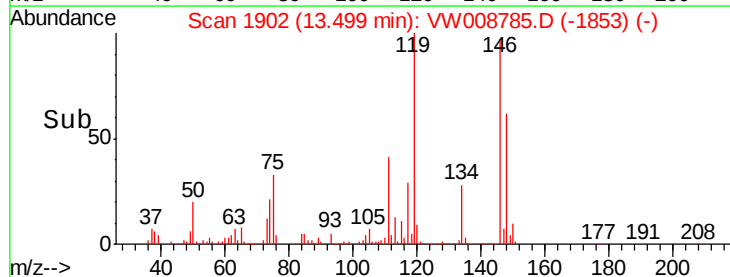
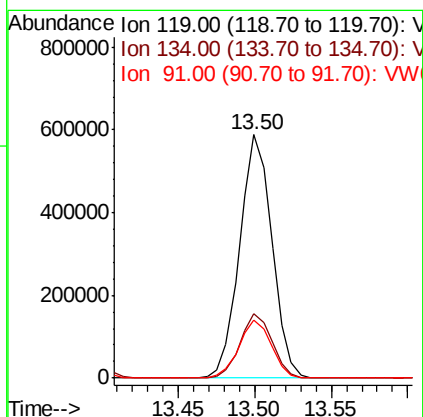
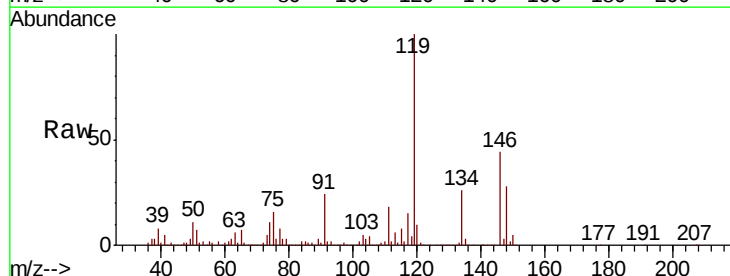
#85
 sec-Butylbenzene
 Concen: 53.079 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

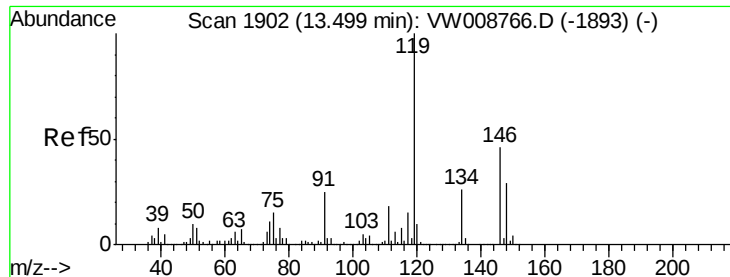
Tgt Ion: 105 Resp: 962375
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 51.728 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

Tgt Ion: 119 Resp: 859786
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 23.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.514 ug/l

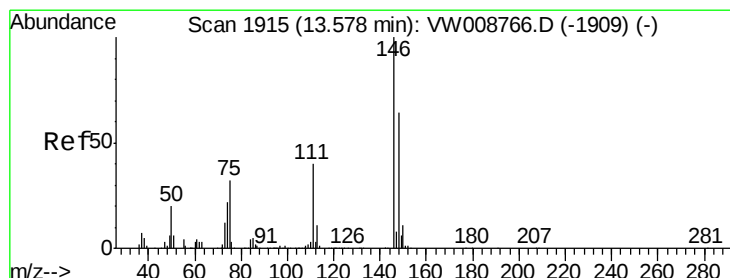
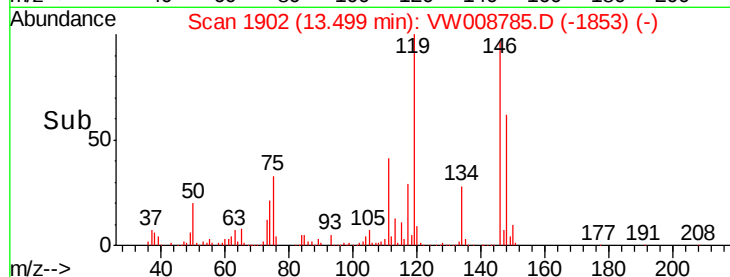
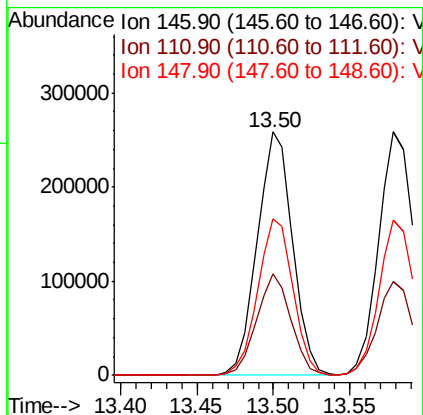
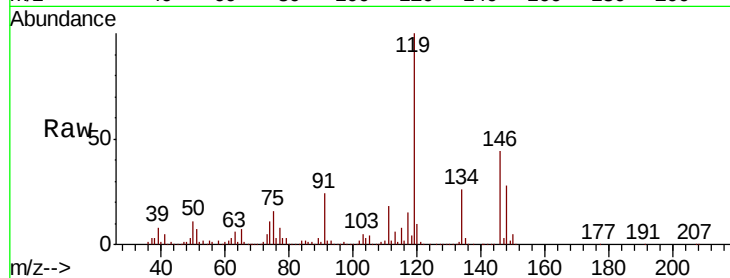
RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

Tgt Ion:	146	Resp:	415604
Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.9	59.7
148	64.2	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 51.193 ug/l

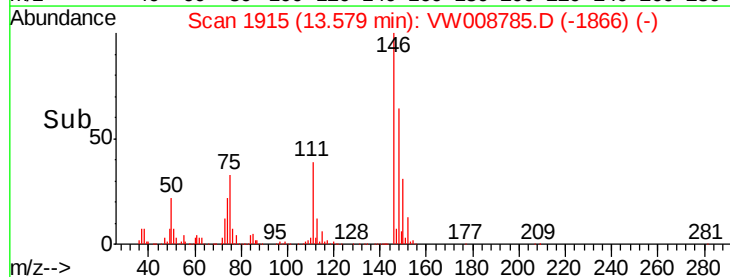
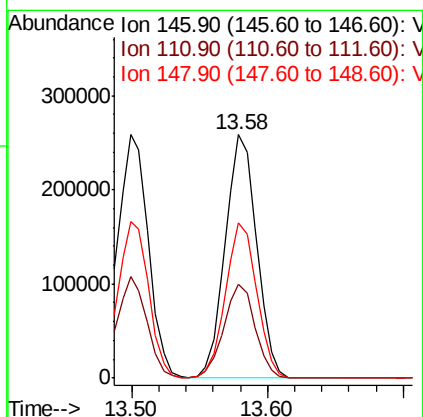
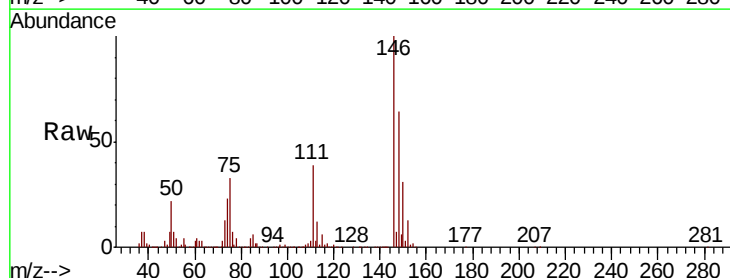
RT: 13.58 min Scan# 1915

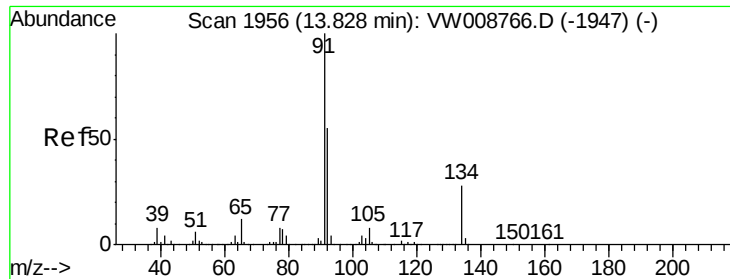
Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

Tgt Ion:	146	Resp:	415115
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.9
148	63.5	31.9	95.9





#89

n-Butylbenzene

Concen: 52.264 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

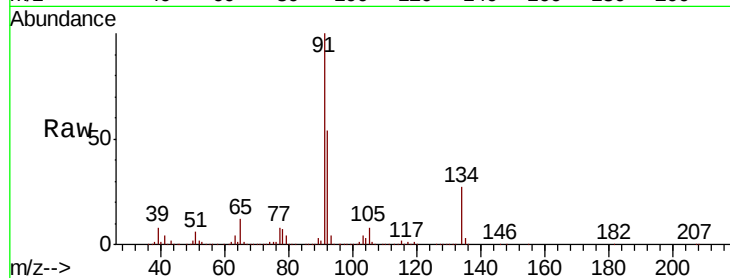
Tgt Ion: 91 Resp: 813838

Ion Ratio Lower Upper

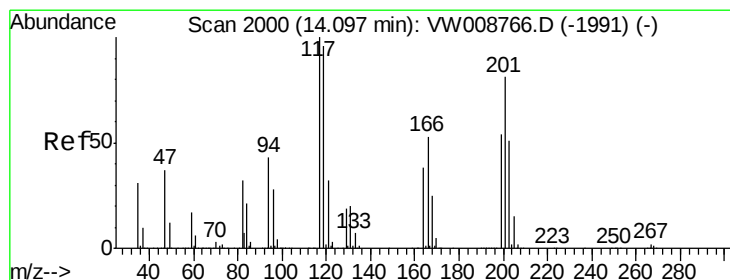
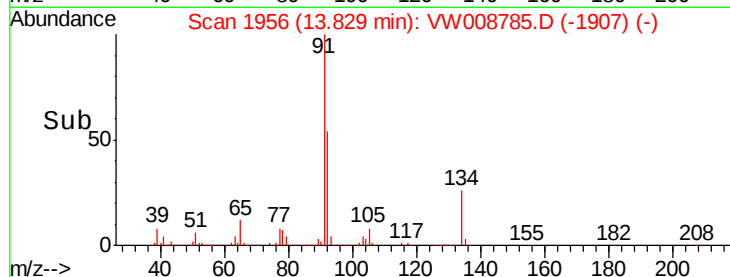
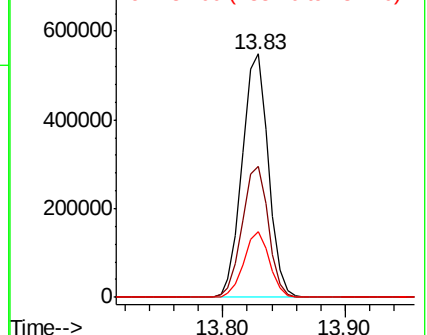
91 100

92 53.9 26.8 80.4

134 26.3 13.5 40.4



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



#90

Hexachloroethane

Concen: 53.510 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008785.D

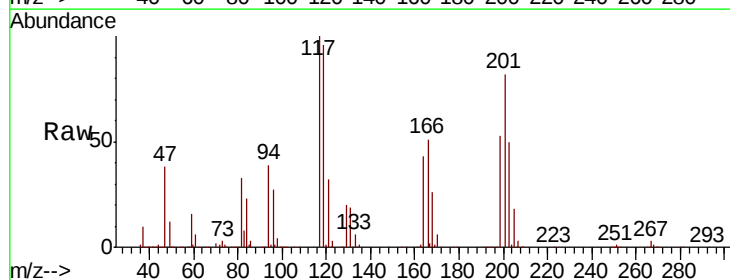
Acq: 22 Feb 2019 12:30

Tgt Ion: 117 Resp: 145600

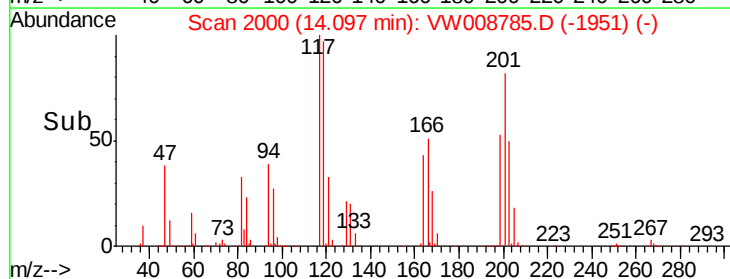
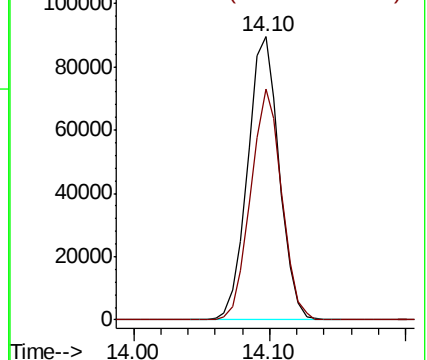
Ion Ratio Lower Upper

117 100

201 80.3 40.3 120.8



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





#91

1,2-Dichlorobenzene

Concen: 50.068 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

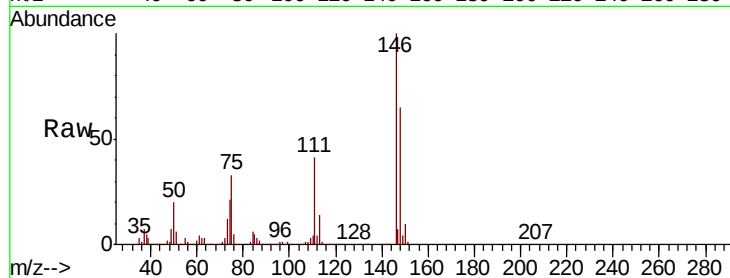
Tgt Ion: 146 Resp: 367044

Ion Ratio Lower Upper

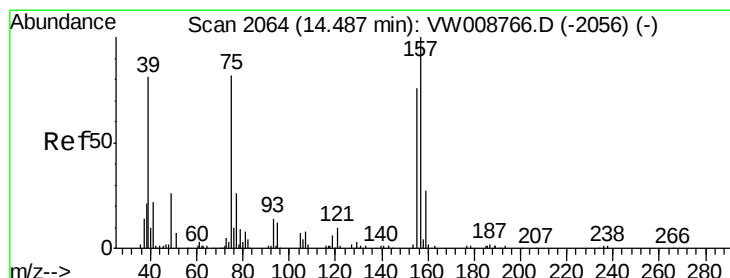
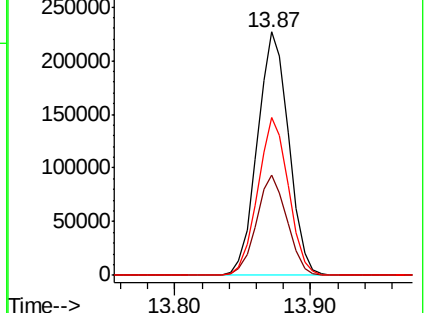
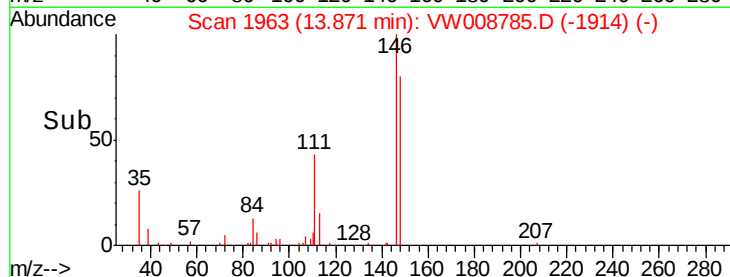
146 100

111 40.3 20.3 60.8

148 63.5 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: 48.937 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW008785.D

Acq: 22 Feb 2019 12:30

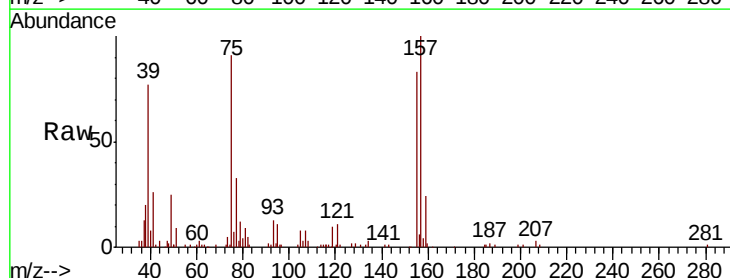
Tgt Ion: 75 Resp: 24273

Ion Ratio Lower Upper

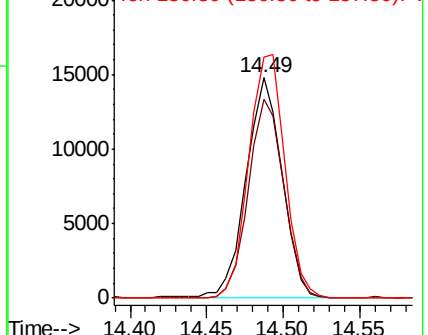
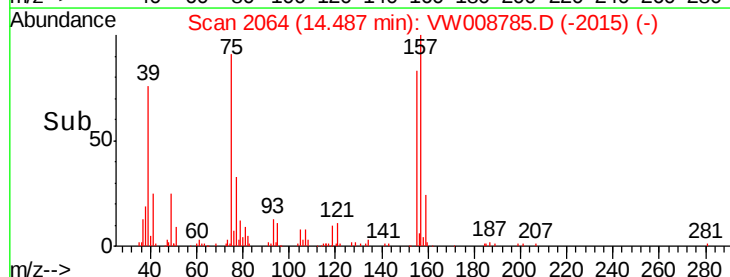
75 100

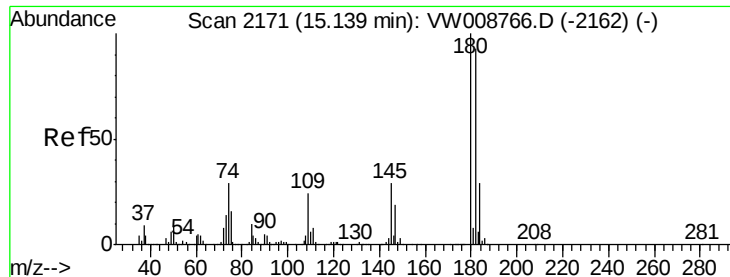
155 88.6 41.8 125.4

157 110.9 56.6 169.9



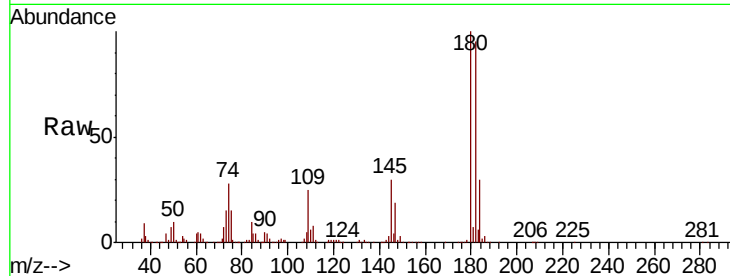
Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93
 1,2,4-Trichlorobenzene
 Concen: 49.893 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	263537		
182	95.7	47.2	141.6	
145	30.1	14.4	43.0	

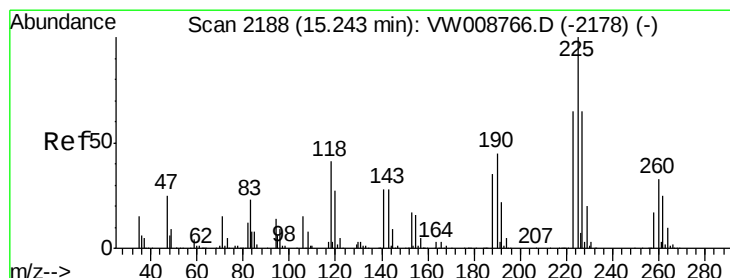
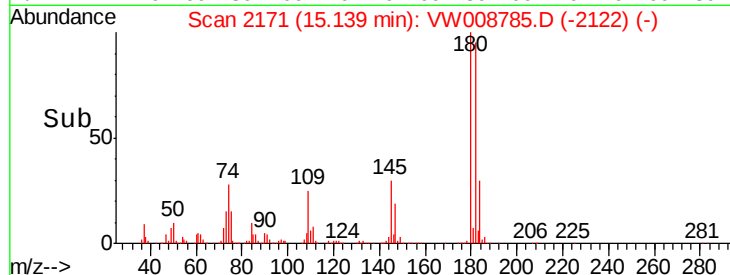
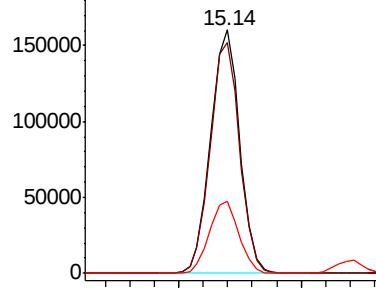


Abundance

Ion 179.80 (179.50 to 180.50): V

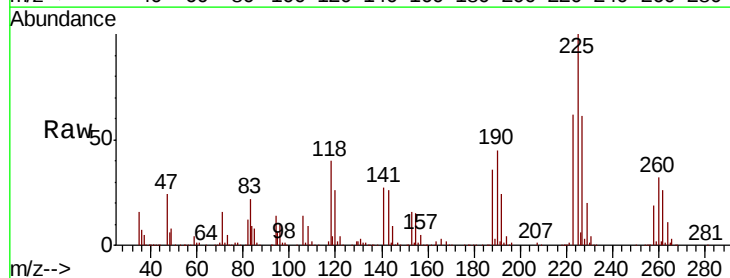
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.353 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008785.D
 Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	159774		
223	62.8	31.5	94.5	
227	62.1	31.6	94.8	

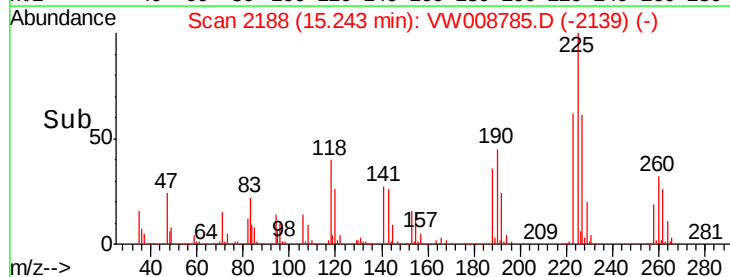
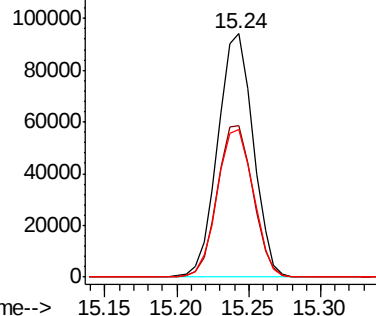


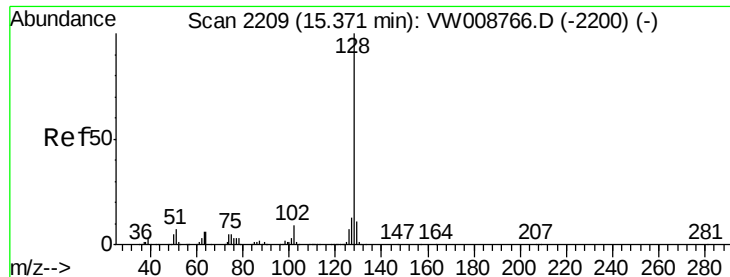
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

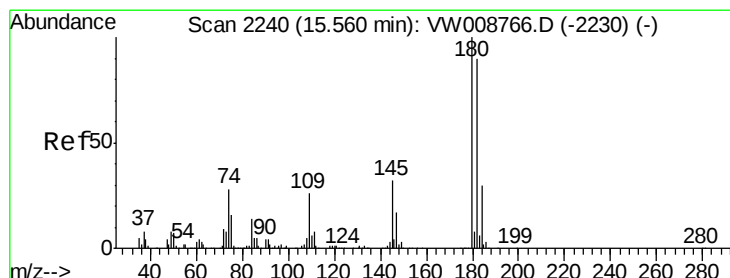
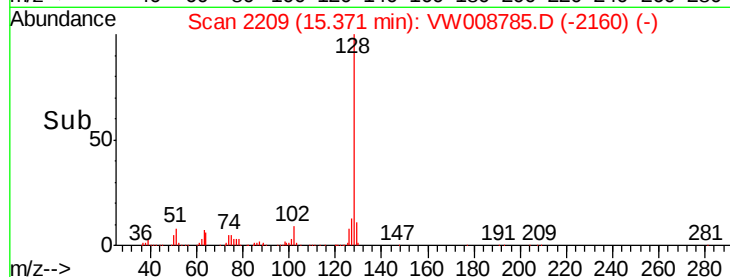
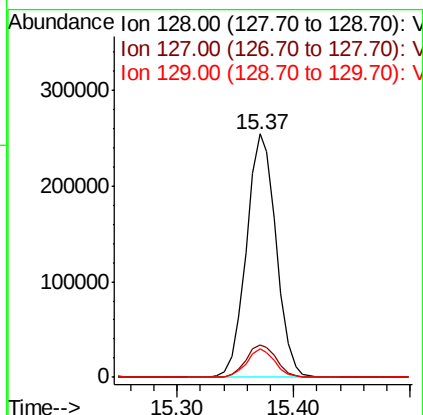
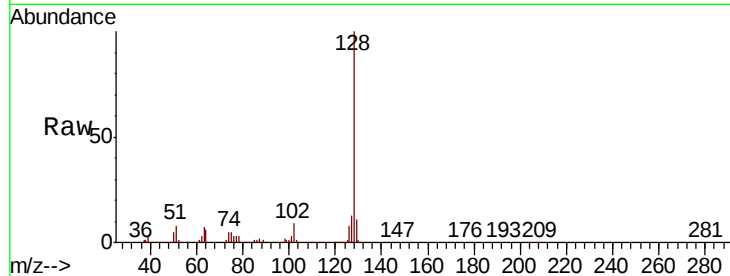
Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 50.076 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.896 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008785.D
Acq: 22 Feb 2019 12:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.9	140.8
145	31.6	15.9	47.6

