

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100418\
 Data File : VD060125.D
 Acq On : 4 Oct 2018 11:17
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 15:32:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1683176	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2335796	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1899073	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	975358	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	662014	51.89	ug/l	0.03
Spiked Amount			Recovery	=	103.78%	
35) Dibromofluoromethane	6.32	113	893392	50.37	ug/l	0.03
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	9.45	98	2588029	51.17	ug/l	0.02
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.43	95	948876	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	864726	54.615	ug/l	98
3) Chloromethane	1.76	50	784909	54.977	ug/l	99
4) Vinyl Chloride	1.85	62	660355	56.518	ug/l	99
5) Bromomethane	2.14	94	111802	76.207	ug/l	99
6) Chloroethane	2.25	64	192566	60.396	ug/l	97
7) Trichlorofluoromethane	2.51	101	772006	55.182	ug/l	100
8) Diethyl Ether	2.82	74	161792	56.241	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.09	101	502778	57.687	ug/l	97
10) Methyl Iodide	3.24	142	549285	59.429	ug/l	98
11) Tert butyl alcohol	3.96	59	232764	254.377	ug/l	100
12) 1,1-Dichloroethene	3.07	96	400335	58.306	ug/l	92
13) Acrolein	2.98	56	151421	268.442	ug/l	95
14) Allyl chloride	3.53	41	811177	56.883	ug/l	98
15) Acrylonitrile	4.08	53	1024729	270.559	ug/l	98
16) Acetone	3.16	43	681580	294.404	ug/l	99
17) Carbon Disulfide	3.31	76	1258038	54.485	ug/l	99
18) Methyl Acetate	3.55	43	292754	58.834	ug/l	100
19) Methyl tert-butyl Ether	4.12	73	1621782	53.722	ug/l	98
20) Methylene Chloride	3.72	84	946495	52.122	ug/l	99
21) trans-1,2-Dichloroethene	4.09	96	920040	51.883	ug/l	99
22) Diisopropyl ether	4.85	45	3338438	52.421	ug/l	94
23) Vinyl Acetate	4.80	43	9568239	267.285	ug/l	100
24) 1,1-Dichloroethane	4.75	63	1532402	53.069	ug/l	100
25) 2-Butanone	5.62	43	1692799	292.683	ug/l	97
26) 2,2-Dichloropropane	5.59	77	1227232	56.063	ug/l	100
27) cis-1,2-Dichloroethene	5.59	96	988354	52.605	ug/l	94
28) Bromochloromethane	5.92	49	694449	49.490	ug/l	96
29) Tetrahydrofuran	5.95	42	896179	266.761	ug/l	99
30) Chloroform	6.10	83	1574647	53.910	ug/l	99
31) Cyclohexane	6.36	56	1389039	50.252	ug/l	100
32) 1,1,1-Trichloroethane	6.29	97	1282775	53.605	ug/l	98
36) 1,1-Dichloropropene	6.52	75	1156714	51.823	ug/l	98
37) Ethyl Acetate	5.69	43	774651	52.286	ug/l	98
38) Carbon Tetrachloride	6.50	117	1081630	53.391	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	8.04	83	1340685	52.864	ug/l	99
40) Benzene	6.80	78	3091479	52.942	ug/l	100
41) Methacrylonitrile	5.94	41	912157	108.926	ug/l #	95
42) 1,2-Dichloroethane	6.90	62	892181	53.292	ug/l	99
43) Isopropyl Acetate	8.35	43	1059308	54.348	ug/l #	99
44) Trichloroethene	7.74	130	938854	51.938	ug/l	98
45) 1,2-Dichloropropane	8.11	63	794991	51.994	ug/l	97
46) Dibromomethane	8.21	93	524289	52.963	ug/l	94
47) Bromodichloromethane	8.49	83	1166529	55.306	ug/l	99
48) Methyl methacrylate	8.24	41	592325	53.350	ug/l	99
49) 1,4-Dioxane	8.23	88	111226	1018.170	ug/l	99
51) 4-Methyl-2-Pentanone	9.35	43	3250379	264.391	ug/l	99
52) Toluene	9.55	92	1968107	52.332	ug/l	99
53) t-1,3-Dichloropropene	9.92	75	1050193	55.027	ug/l	98
54) cis-1,3-Dichloropropene	9.10	75	1267084	53.764	ug/l	97
55) 1,1,2-Trichloroethane	10.18	97	629405	51.194	ug/l	98
56) Ethyl methacrylate	10.03	69	730843	53.852	ug/l	97
57) 1,3-Dichloropropane	10.39	76	989330	52.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.92	63	1827109	242.440	ug/l	97
59) 2-Hexanone	10.49	43	2481054	280.654	ug/l	100
60) Dibromochloromethane	10.64	129	815600	54.068	ug/l	100
61) 1,2-Dibromoethane	10.76	107	691842	52.961	ug/l	99
64) Tetrachloroethene	10.25	164	867459	52.152	ug/l	99
65) Chlorobenzene	11.31	112	2061479	50.177	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.42	131	705875	51.503	ug/l	99
67) Ethyl Benzene	11.43	91	3323528	49.930	ug/l	99
68) m/p-Xylenes	11.57	106	2580905	103.774	ug/l	98
69) o-Xylene	11.93	106	1247210	50.699	ug/l	92
70) Styrene	11.95	104	2098908	51.020	ug/l	98
71) Bromoform	12.12	173	611828	55.129	ug/l	97
73) Isopropylbenzene	12.28	105	3370180	52.376	ug/l	99
74) N-amyl acetate	12.14	43	1321142	56.053	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.56	83	751531	53.498	ug/l	99
76) 1,2,3-Trichloropropane	12.60	75	766537	54.572	ug/l	99
77) Bromobenzene	12.54	156	998099	53.378	ug/l	87
78) n-propylbenzene	12.64	91	4177777	52.288	ug/l	96
79) 2-Chlorotoluene	12.71	91	2343305	52.843	ug/l	95
80) 1,3,5-Trimethylbenzene	12.79	105	2633642	52.883	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.35	75	229332	58.105	ug/l	93
82) 4-Chlorotoluene	12.81	91	2594180	51.722	ug/l	97
83) tert-Butylbenzene	13.05	119	3071297	53.742	ug/l	98
84) 1,2,4-Trimethylbenzene	13.09	105	2641736	50.331	ug/l	98
85) sec-Butylbenzene	13.22	105	3571775	52.859	ug/l	100
86) p-Isopropyltoluene	13.34	119	2948392	53.198	ug/l	99
87) 1,3-Dichlorobenzene	13.31	146	1705701	52.358	ug/l	98
88) 1,4-Dichlorobenzene	13.39	146	1683197	51.438	ug/l	99
89) n-Butylbenzene	13.65	91	2825425	52.247	ug/l	100
90) Hexachloroethane	13.86	117	725407	56.555	ug/l	67
91) 1,2-Dichlorobenzene	13.67	146	1403279	51.229	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.23	75	107644	57.390	ug/l	89

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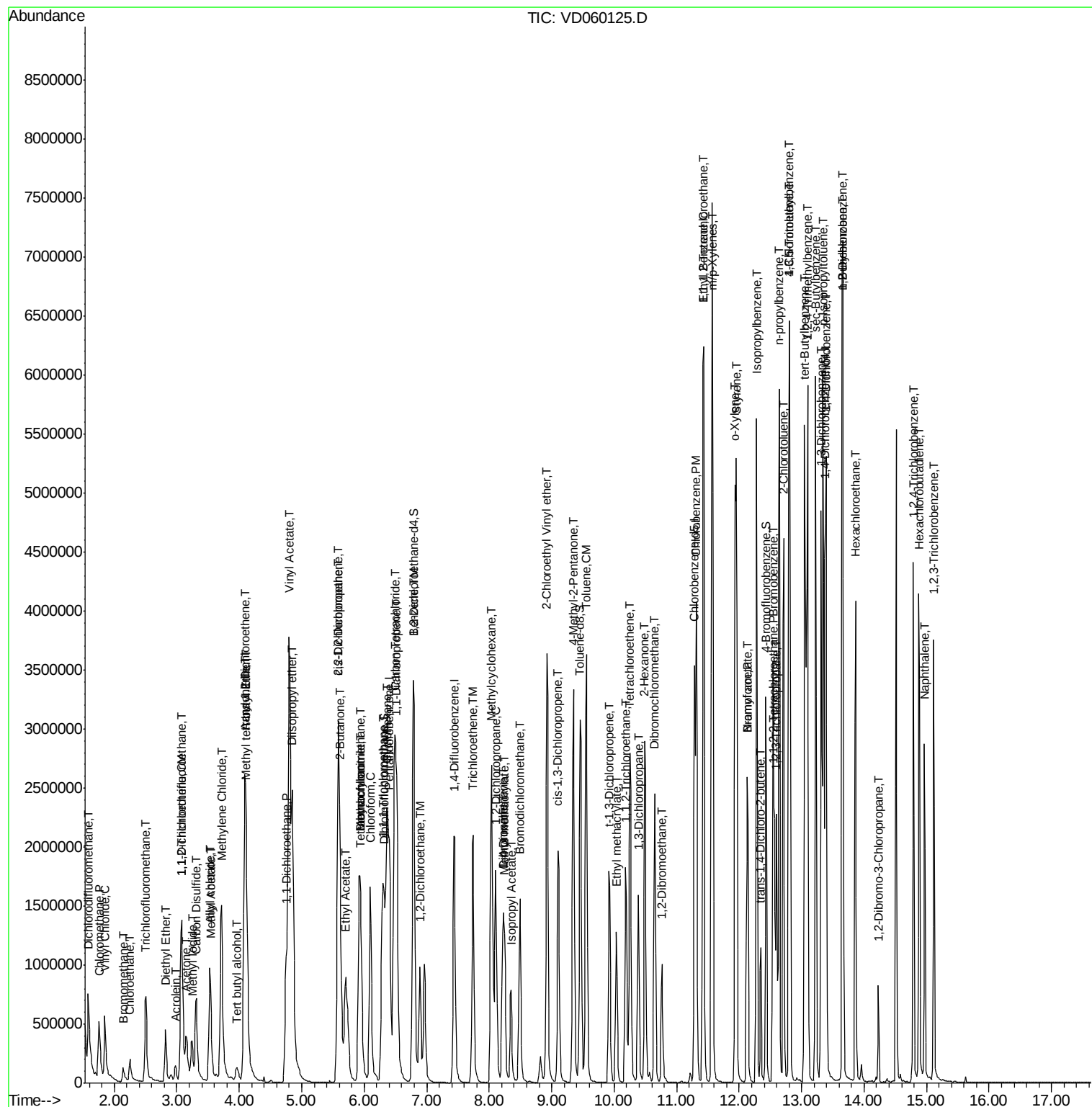
Quant Time: Oct 04 15:32:18 2018
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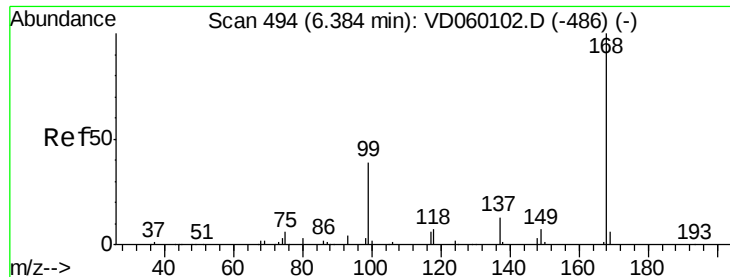
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	1213438	52.190	ug/l	98
94) Hexachlorobutadiene	14.89	225	814117	52.677	ug/l	99
95) Naphthalene	14.96	128	1724756	50.045	ug/l	100
96) 1,2,3-Trichlorobenzene	15.11	180	1028968	50.874	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060125.D

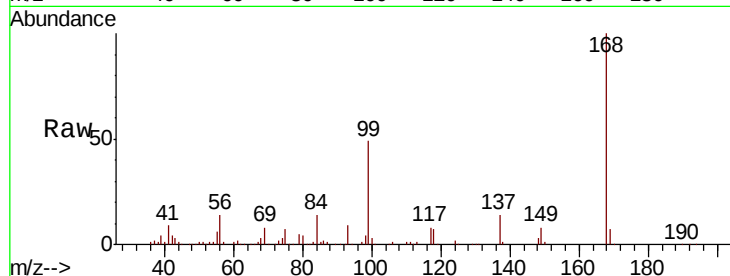
Acq: 4 Oct 2018 11:17

Tot Ion:168 Resp: 1683176

Ion Ratio Lower Upper

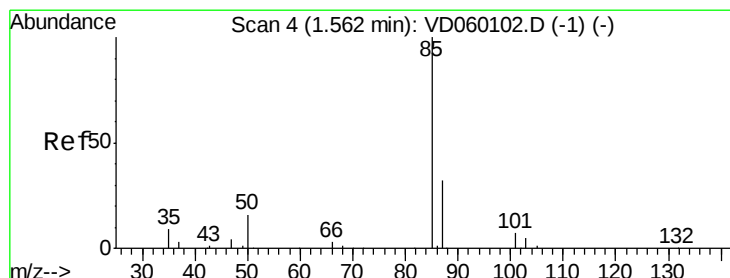
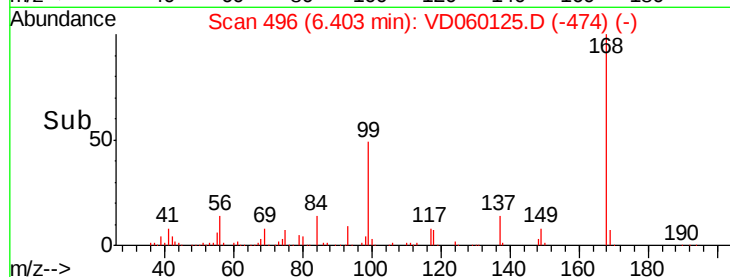
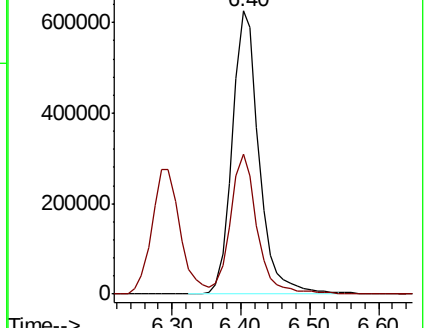
168 100

99 49.4 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 54.615 ug/l

RT: 1.58 min Scan# 6

Delta R.T. 0.02 min

Lab File: VD060125.D

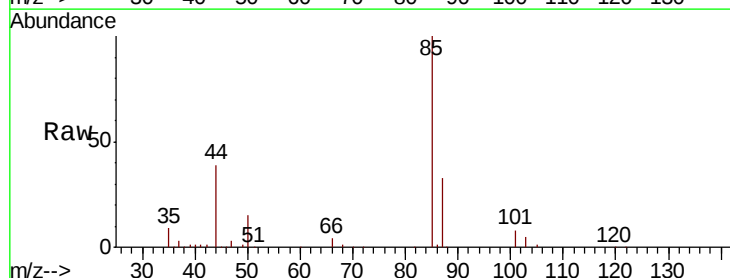
Acq: 4 Oct 2018 11:17

Tgt Ion: 85 Resp: 864726

Ion Ratio Lower Upper

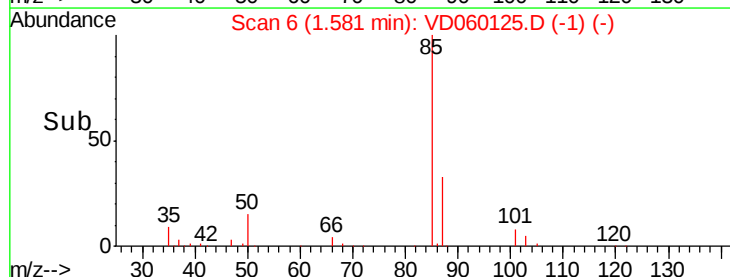
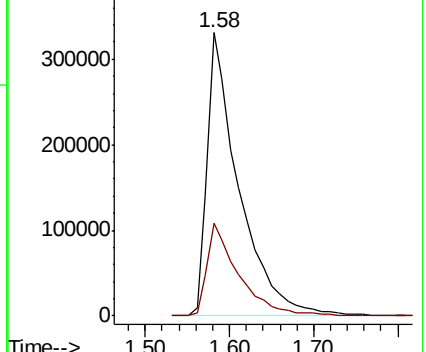
85 100

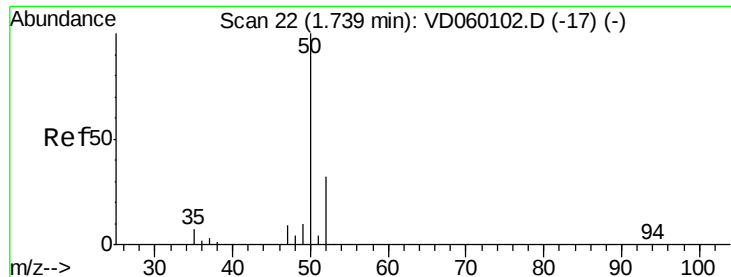
87 32.7 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 54.977 ug/l

RT: 1.76 min Scan# 24

Delta R.T. 0.02 min

Lab File: VD060125.D

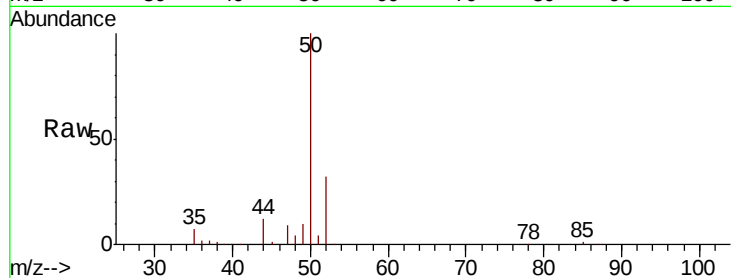
Acq: 4 Oct 2018 11:17

Tot Ion: 50 Resp: 784909

Ion Ratio Lower Upper

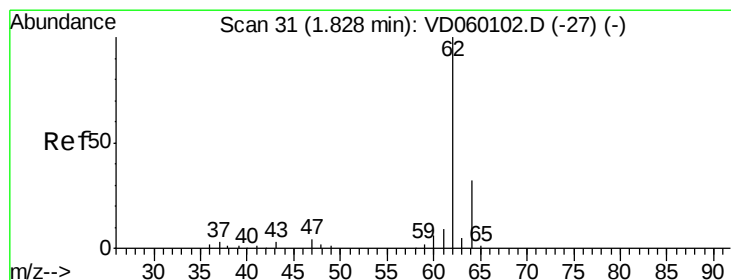
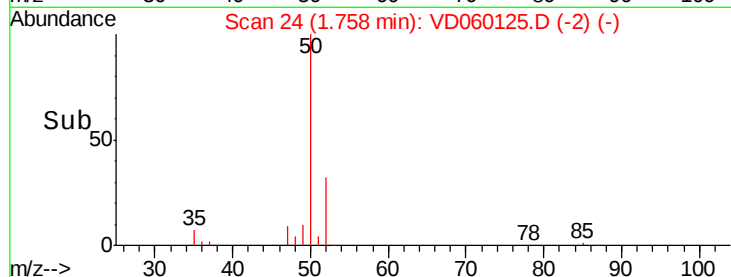
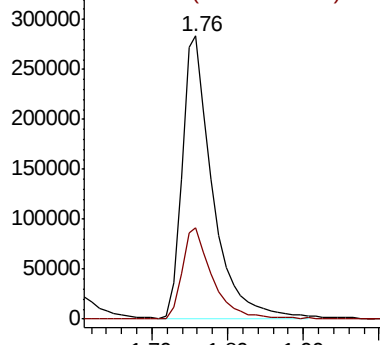
50 100

52 32.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 56.518 ug/l

RT: 1.85 min Scan# 33

Delta R.T. 0.02 min

Lab File: VD060125.D

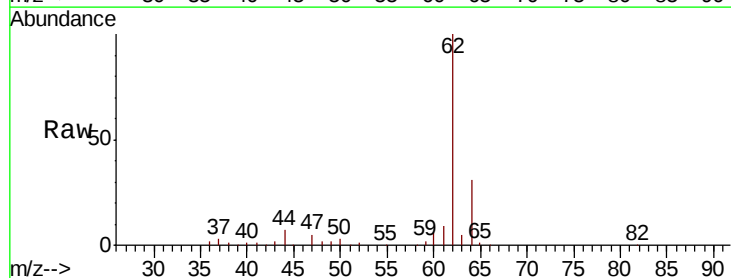
Acq: 4 Oct 2018 11:17

Tgt Ion: 62 Resp: 660355

Ion Ratio Lower Upper

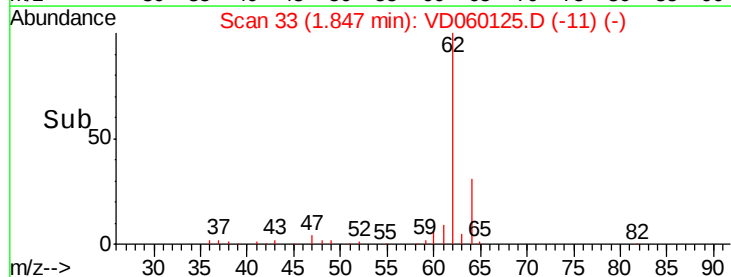
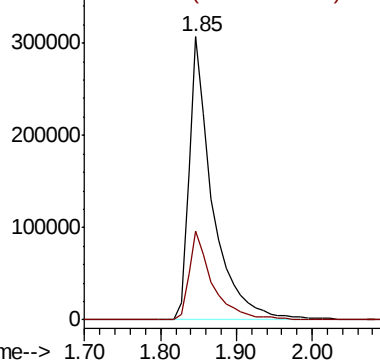
62 100

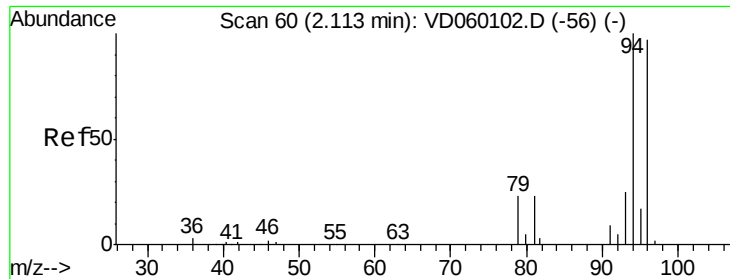
64 31.2 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

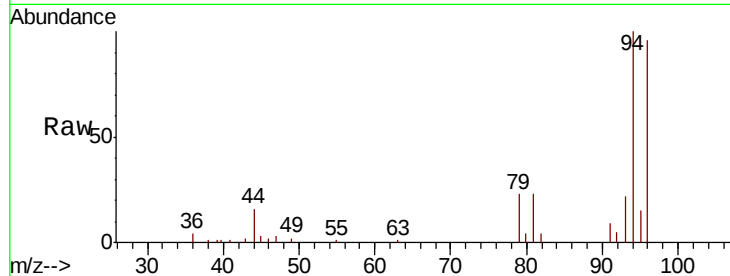
Ion 63.95 (63.65 to 64.65): VDC



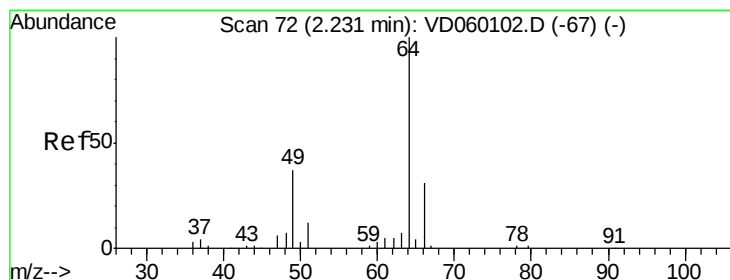
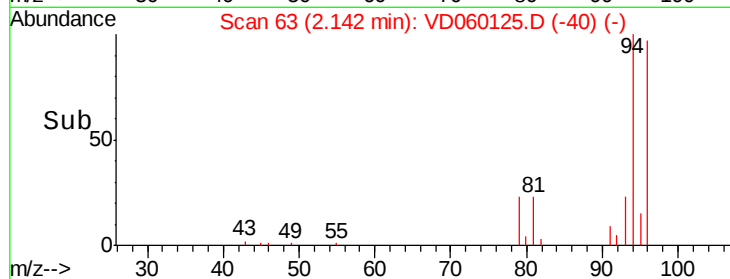
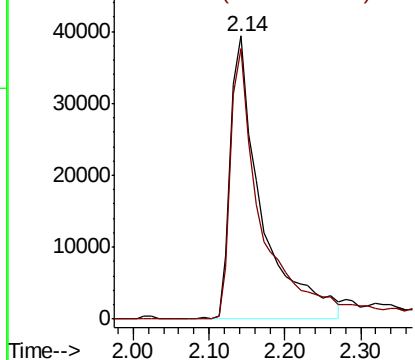


#5
Bromomethane
Concen: 76.207 ug/l
RT: 2.14 min Scan# 63
Delta R.T. 0.03 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tot Ion: 94 Resp: 111802
Ion Ratio Lower Upper
94 100
96 95.8 77.4 116.2

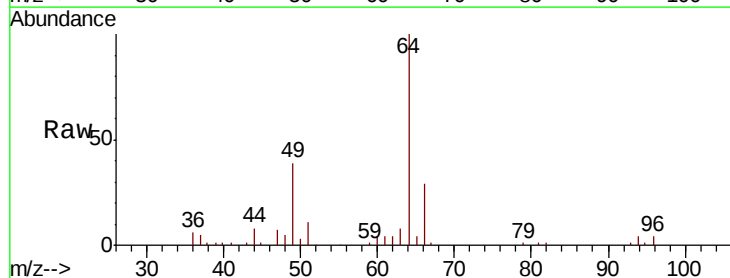


Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC

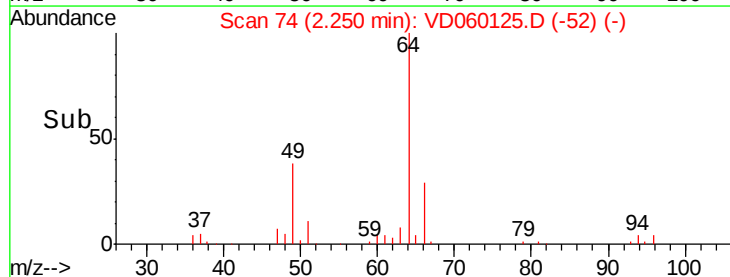
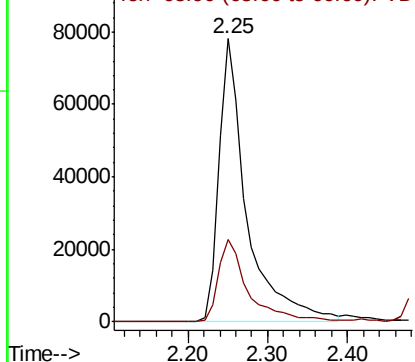


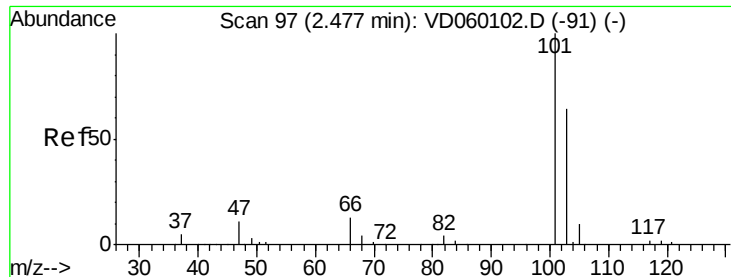
#6
Chloroethane
Concen: 60.396 ug/l
RT: 2.25 min Scan# 74
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion: 64 Resp: 192566
Ion Ratio Lower Upper
64 100
66 29.2 24.6 37.0



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC

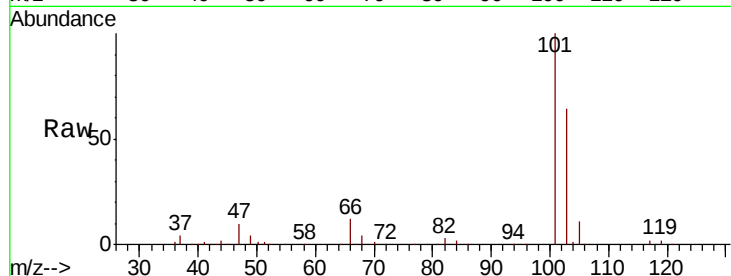




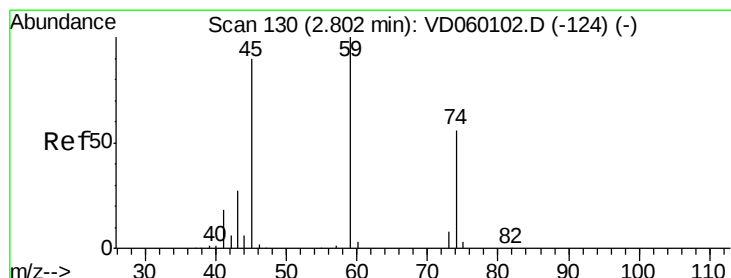
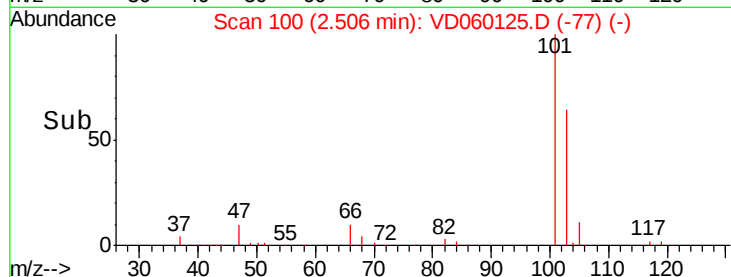
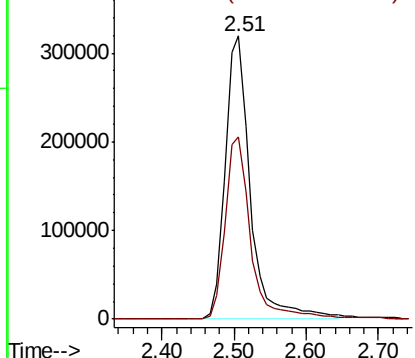
#7

Trichlorofluoromethane
 Concen: 55.182 ug/l
 RT: 2.51 min Scan# 100
 Delta R.T. 0.03 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

Tot Ion:101 Resp: 772006
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.5 77.3



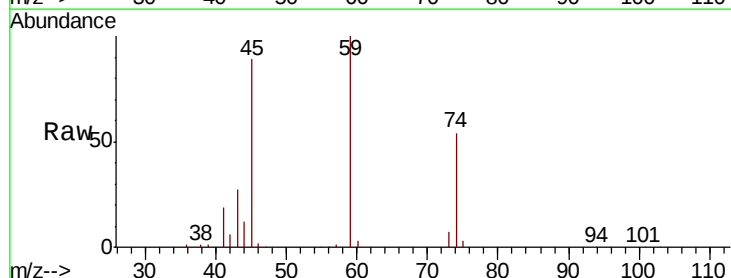
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



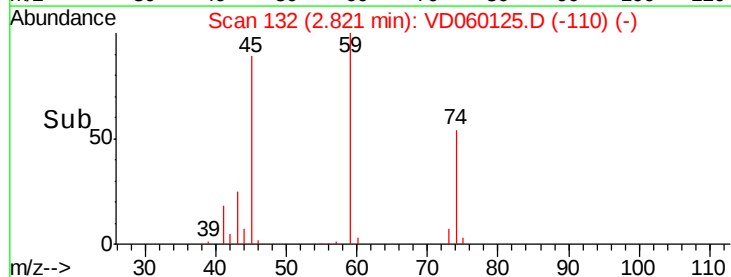
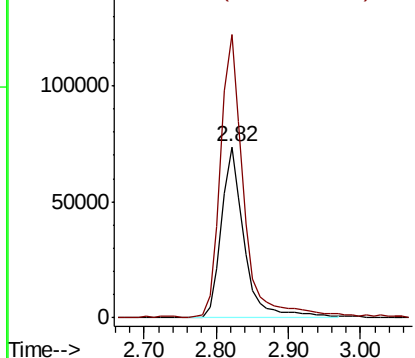
#8

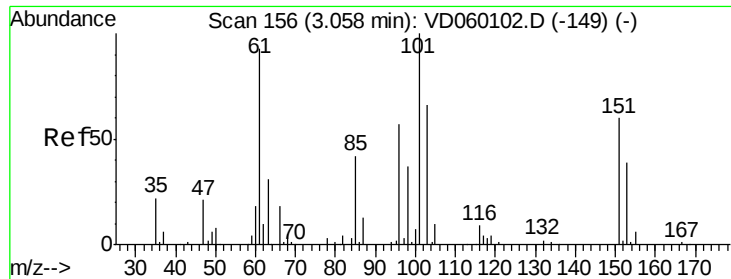
Diethyl Ether
 Concen: 56.241 ug/l
 RT: 2.82 min Scan# 132
 Delta R.T. 0.02 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

Tgt Ion: 74 Resp: 161792
 Ion Ratio Lower Upper
 74 100
 45 165.5 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.687 ug/l

RT: 3.09 min Scan# 159

Delta R.T. 0.03 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

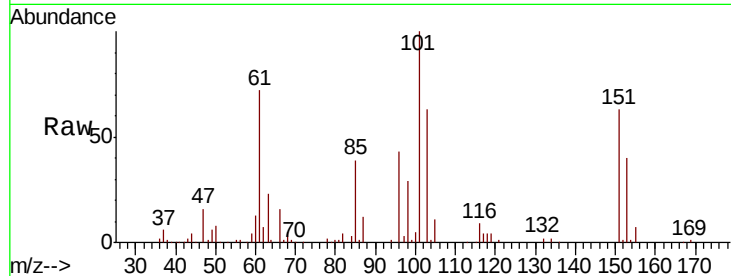
Tot Ion:101 Resp: 502778

Ion Ratio Lower Upper

101 100

85 39.5 33.4 50.0

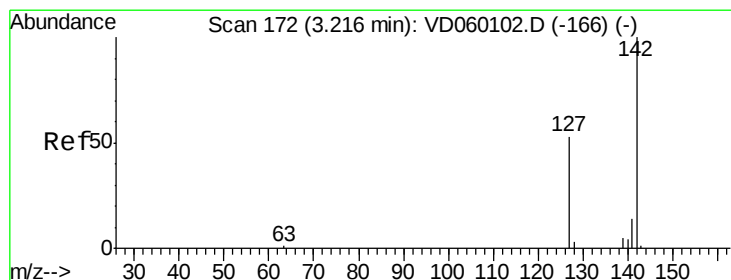
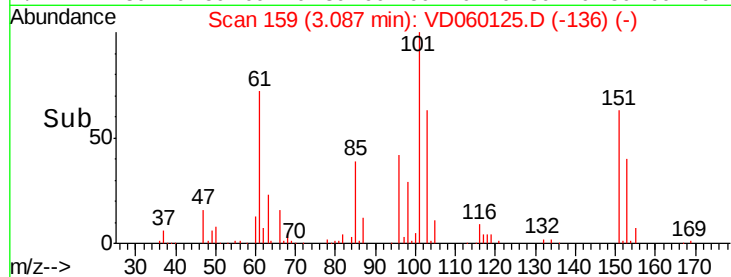
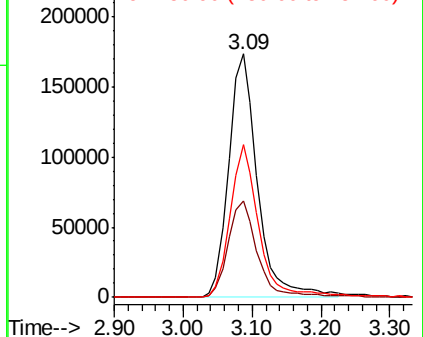
151 62.6 48.0 72.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 59.429 ug/l

RT: 3.24 min Scan# 175

Delta R.T. 0.03 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

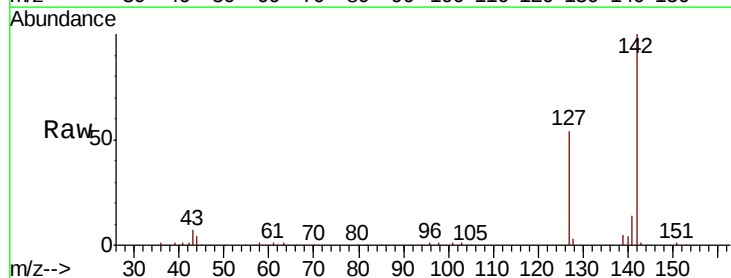
Tgt Ion:142 Resp: 549285

Ion Ratio Lower Upper

142 100

127 54.0 42.0 63.0

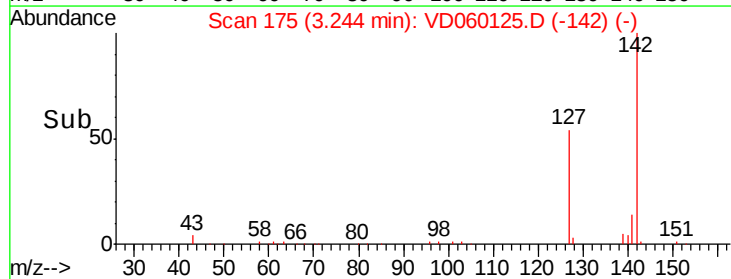
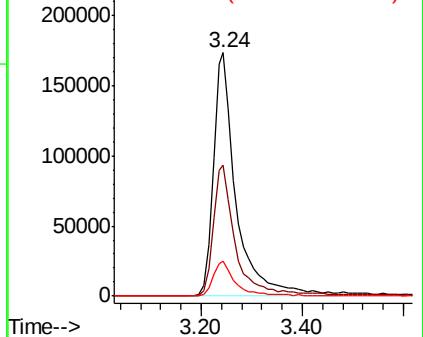
141 14.3 11.4 17.0

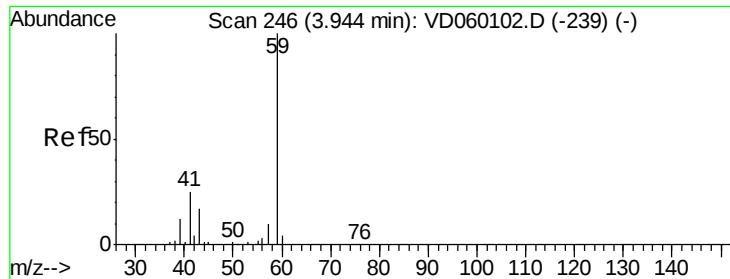


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

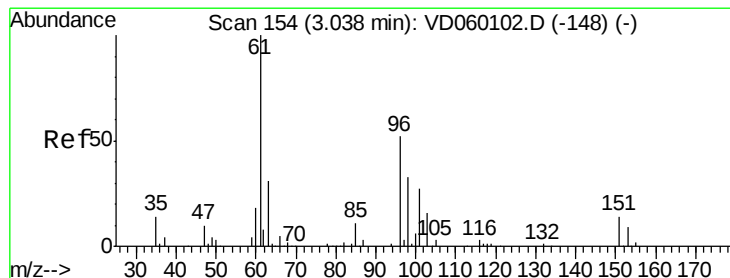
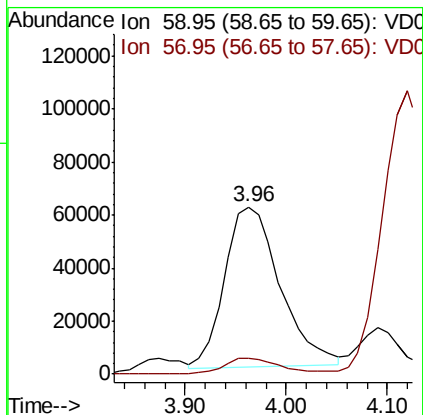
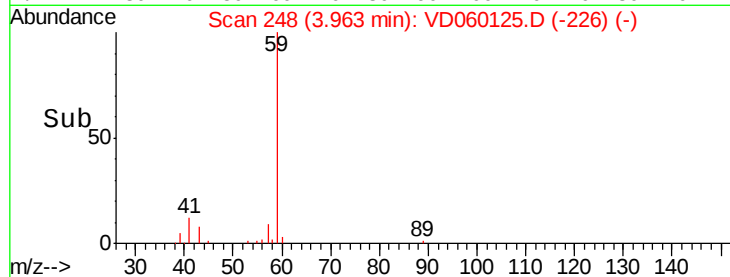
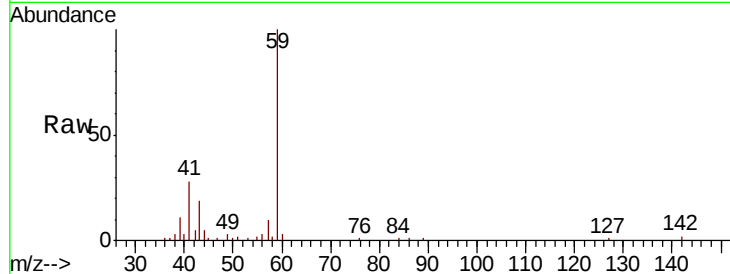




#11

Tert butyl alcohol
Concen: 254.377 ug/l
RT: 3.96 min Scan# 248
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

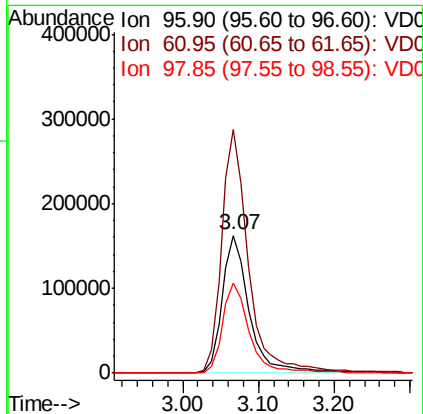
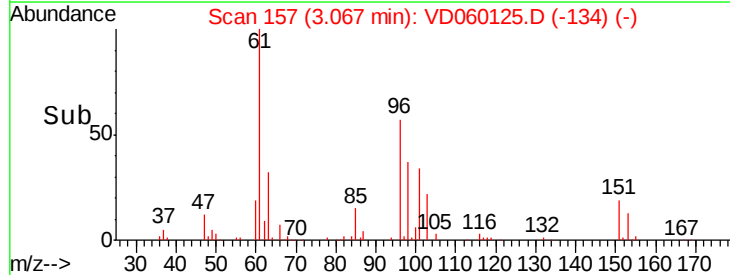
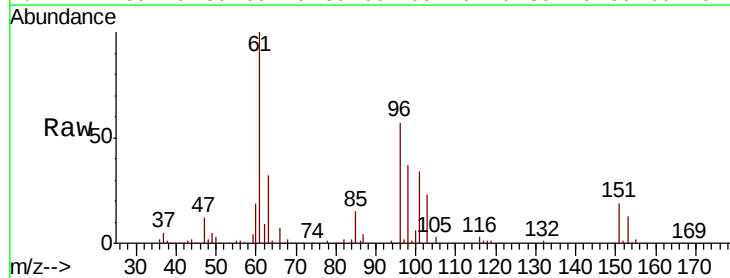
Tot Ion: 59 Resp: 232764
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.6

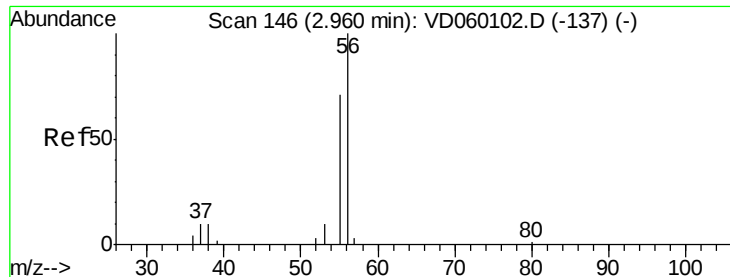


#12

1,1-Dichloroethene
Concen: 58.306 ug/l
RT: 3.07 min Scan# 157
Delta R.T. 0.03 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion: 96 Resp: 400335
Ion Ratio Lower Upper
96 100
61 176.5 153.0 229.4
98 65.3 51.1 76.7





#13

Acrolein

Concen: 268.442 ug/l

RT: 2.98 min Scan# 148

Delta R.T. 0.02 min

Lab File: VD060125.D

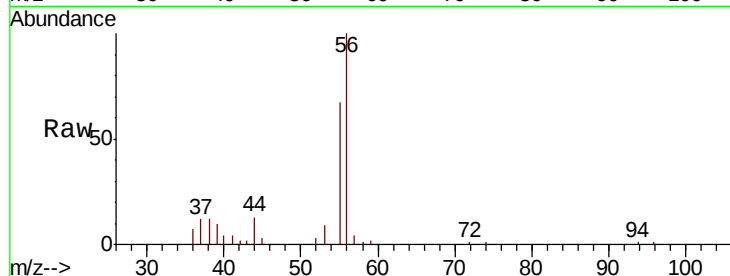
Acq: 4 Oct 2018 11:17

Tot Ion: 56 Resp: 151421

Ion Ratio Lower Upper

56 100

55 67.3 57.4 86.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

60000

40000

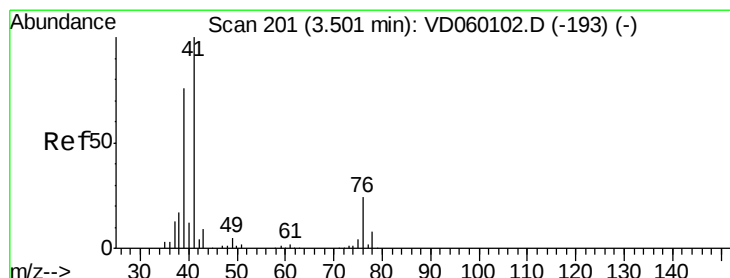
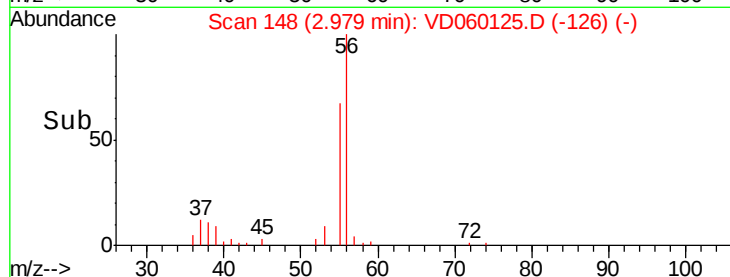
20000

0

2.98

Time-->

2.90 3.00 3.10 3.20



#14

Allyl chloride

Concen: 56.883 ug/l

RT: 3.53 min Scan# 204

Delta R.T. 0.03 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

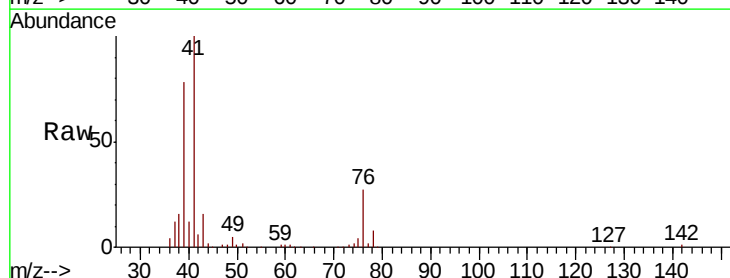
Tgt Ion: 41 Resp: 811177

Ion Ratio Lower Upper

41 100

39 78.1 60.6 90.8

76 26.8 21.3 31.9



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

400000

300000

200000

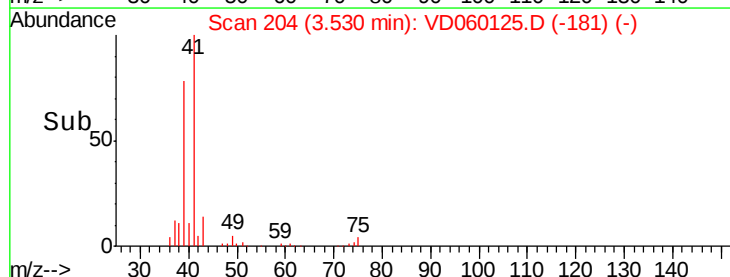
100000

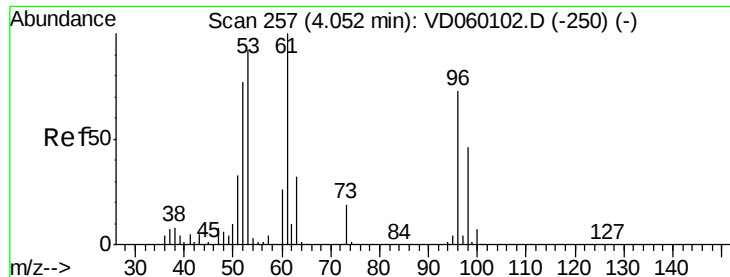
0

3.53

Time-->

3.40 3.50 3.60





#15

Acrylonitrile

Concen: 270.559 ug/l

RT: 4.08 min Scan# 260

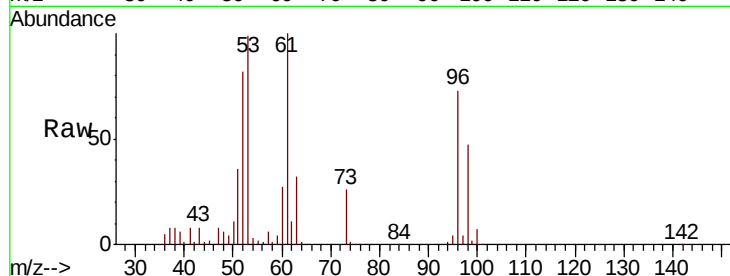
Delta R.T. 0.03 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

Tot Ion: 53 Resp: 1024729

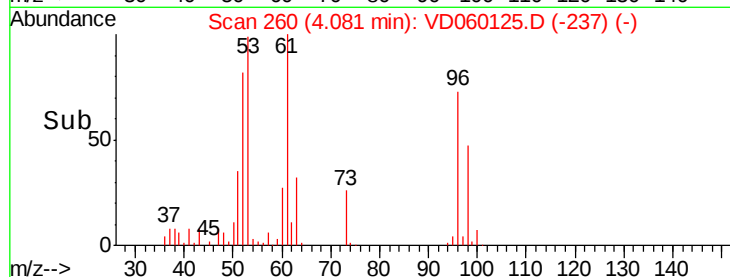
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.5	101.3
51	36.4	29.3	43.9



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

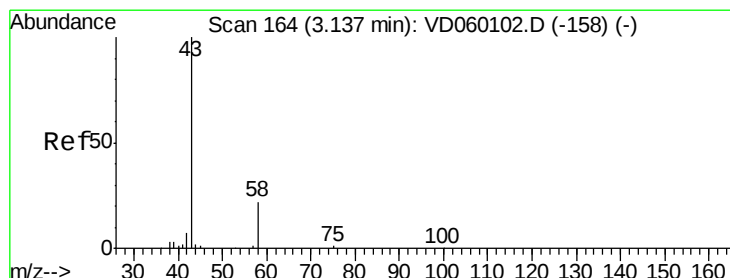
Ion 51.00 (50.70 to 51.70): VDC



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 294.404 ug/l

RT: 3.16 min Scan# 166

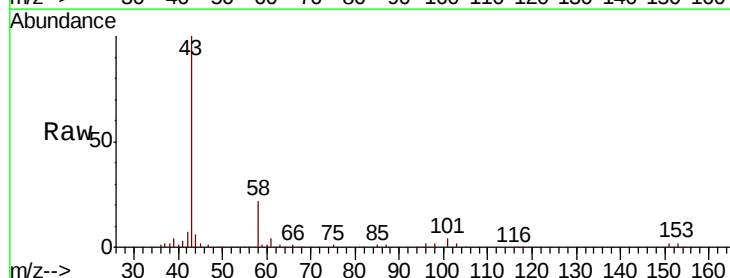
Delta R.T. 0.02 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

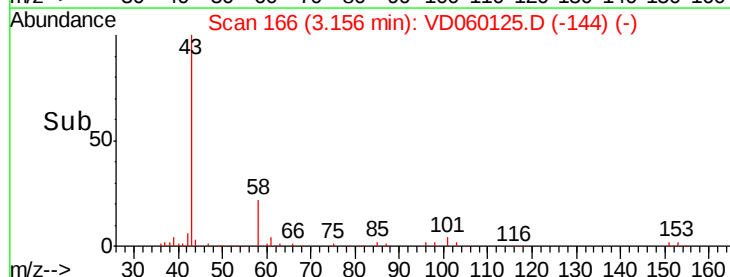
Tgt Ion: 43 Resp: 681580

Ion	Ratio	Lower	Upper
43	100		
58	21.8	17.7	26.5



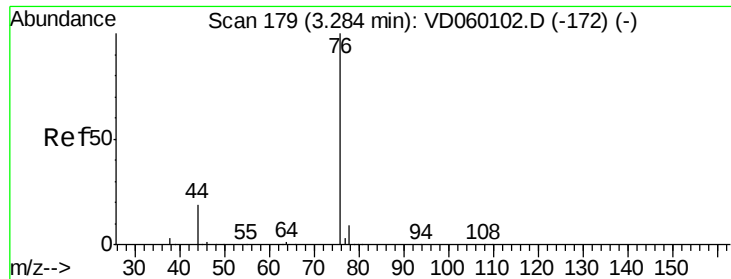
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#17

Carbon Disulfide

Concen: 54.485 ug/l

RT: 3.31 min Scan# 182

Delta R.T. 0.03 min

Lab File: VD060125.D

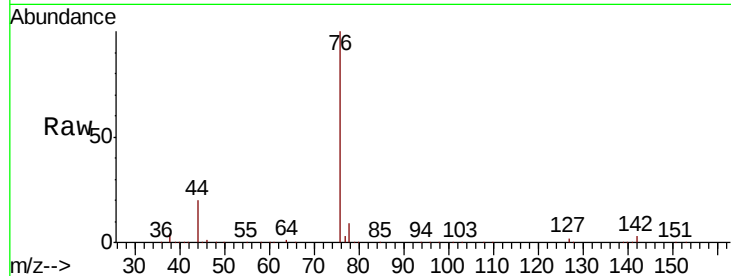
Acq: 4 Oct 2018 11:17

Tot Ion: 76 Resp: 1258038

Ion Ratio Lower Upper

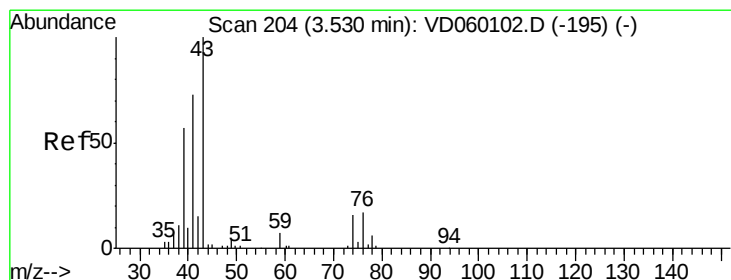
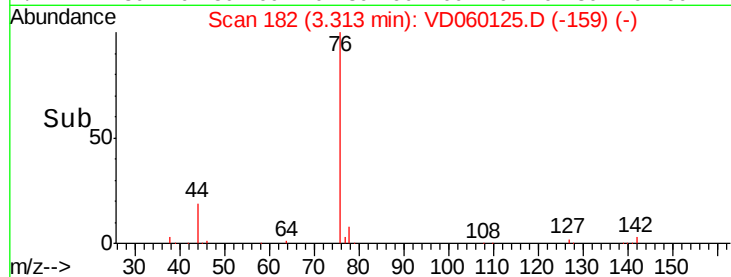
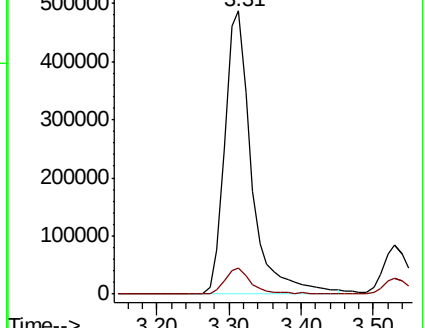
76 100

78 9.0 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 58.834 ug/l

RT: 3.55 min Scan# 206

Delta R.T. 0.02 min

Lab File: VD060125.D

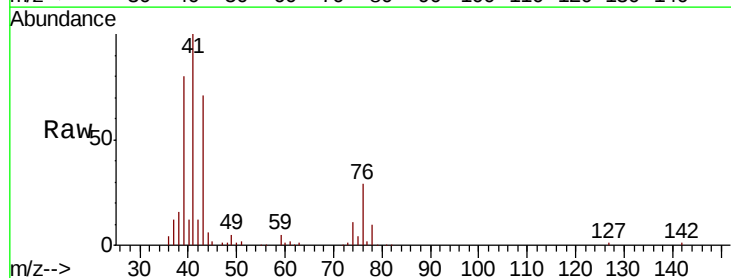
Acq: 4 Oct 2018 11:17

Tgt Ion: 43 Resp: 292754

Ion Ratio Lower Upper

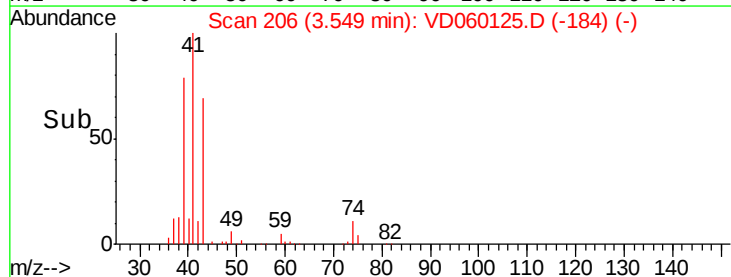
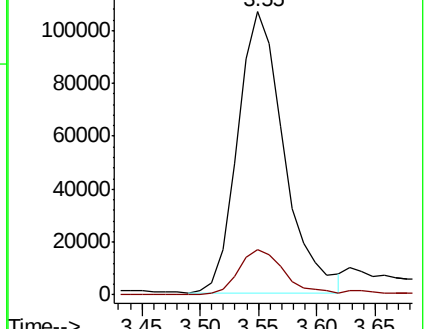
43 100

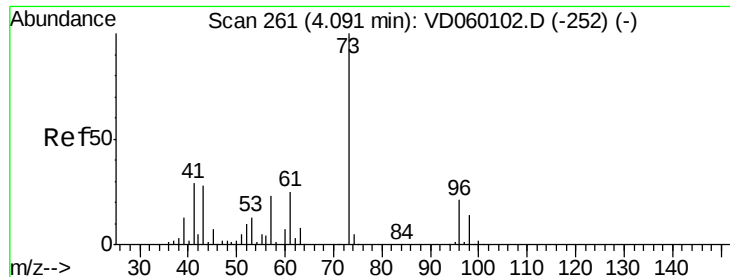
74 15.9 12.6 19.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



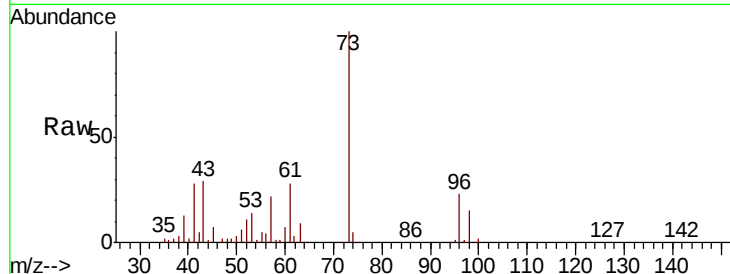


#19

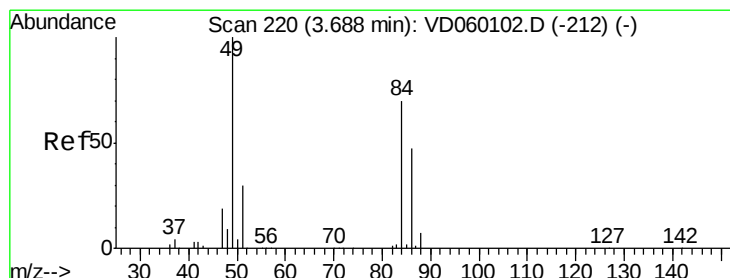
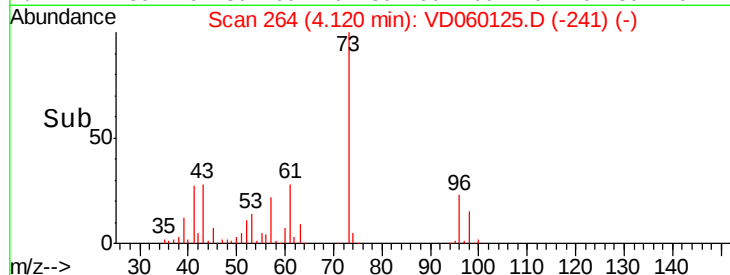
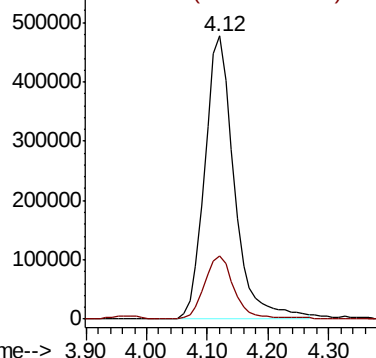
Methyl tert-butyl Ether
 Concen: 53.722 ug/l
 RT: 4.12 min Scan# 264
 Delta R.T. 0.03 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

Tot Ion: 73 Resp: 1621782

Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.7	28.1



Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC

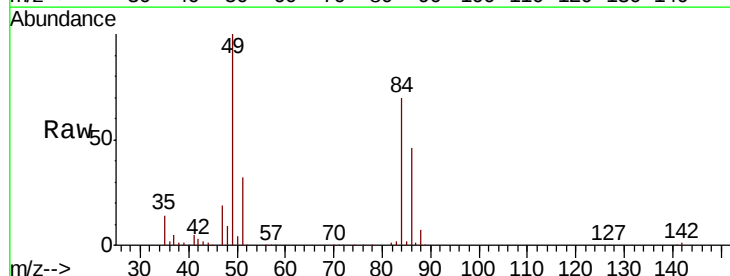


#20

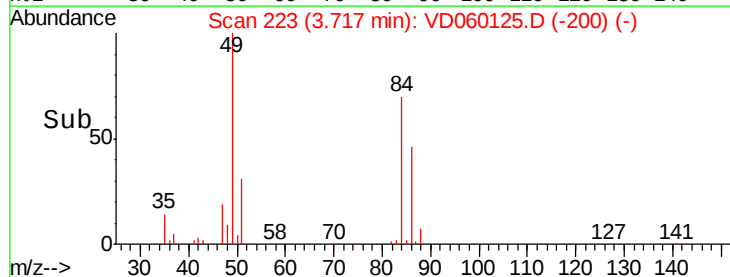
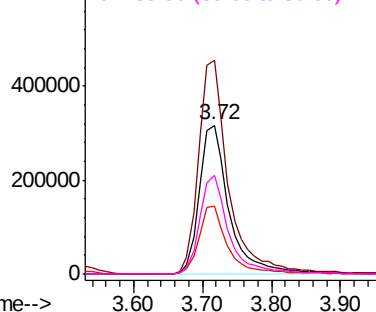
Methylene Chloride
 Concen: 52.122 ug/l
 RT: 3.72 min Scan# 223
 Delta R.T. 0.03 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

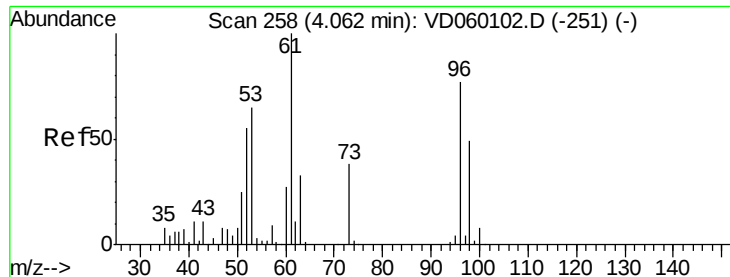
Tgt Ion: 84 Resp: 946495

Ion	Ratio	Lower	Upper
84	100		
49	143.7	114.6	172.0
51	45.3	33.8	50.8
86	66.0	53.3	79.9



Abundance Ion 83.95 (83.65 to 84.65): VDC
 Ion 48.90 (48.60 to 49.60): VDC
 Ion 50.90 (50.60 to 51.60): VDC
 Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 51.883 ug/l

RT: 4.09 min Scan# 261

Delta R.T. 0.03 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

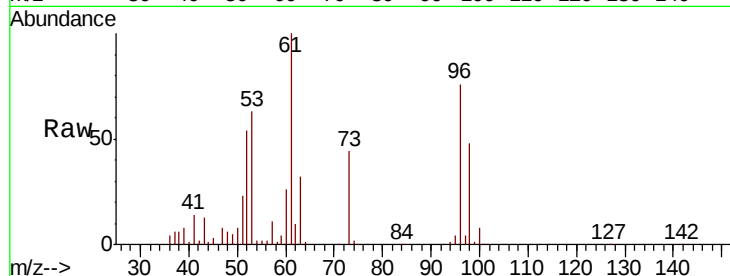
Tot Ion: 96 Resp: 920040

Ion Ratio Lower Upper

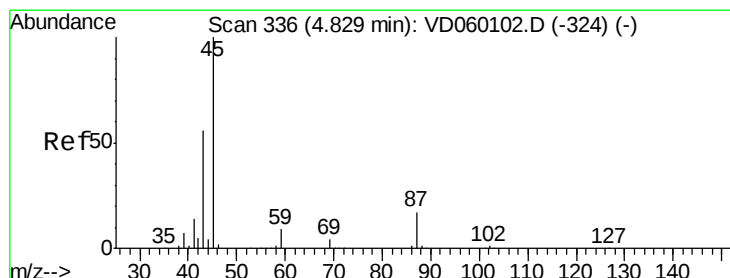
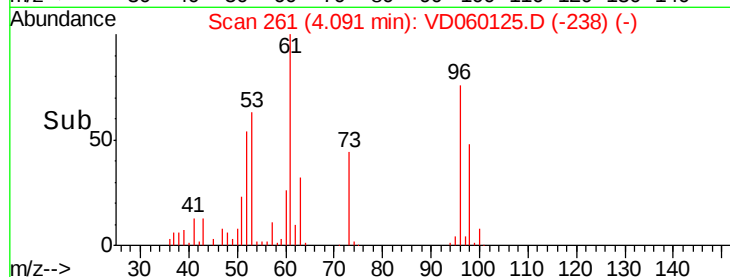
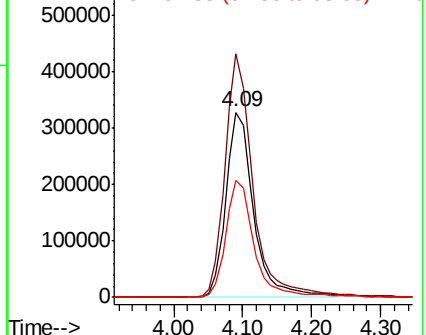
96 100

61 131.5 103.3 154.9

98 63.0 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 52.421 ug/l

RT: 4.85 min Scan# 338

Delta R.T. 0.02 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

Tgt Ion: 45 Resp: 3338438

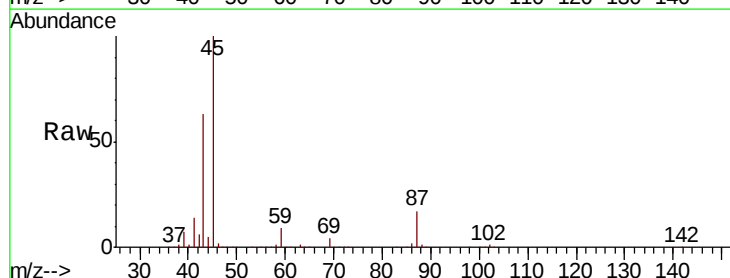
Ion Ratio Lower Upper

45 100

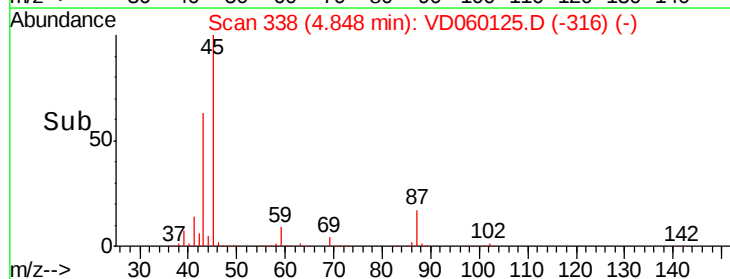
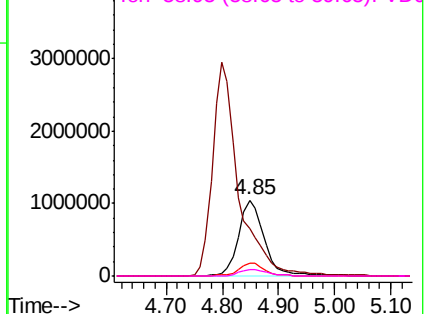
43 62.6 44.8 67.2

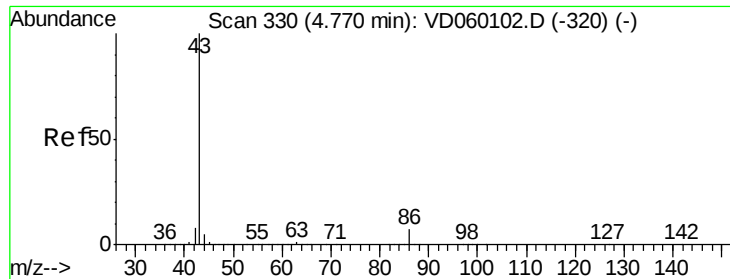
87 17.3 13.9 20.9

59 8.7 7.1 10.7



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 267.285 ug/l

RT: 4.80 min Scan# 333

Delta R.T. 0.03 min

Lab File: VD060125.D

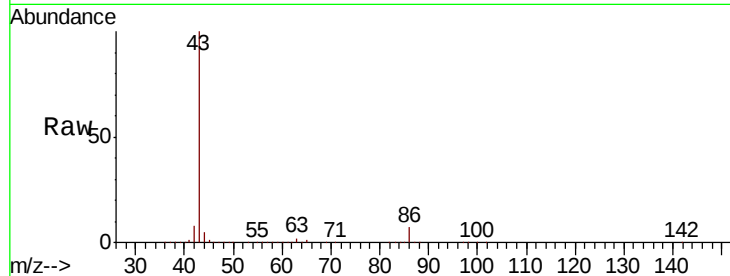
Acq: 4 Oct 2018 11:17

Tot Ion: 43 Resp: 9568239

Ion Ratio Lower Upper

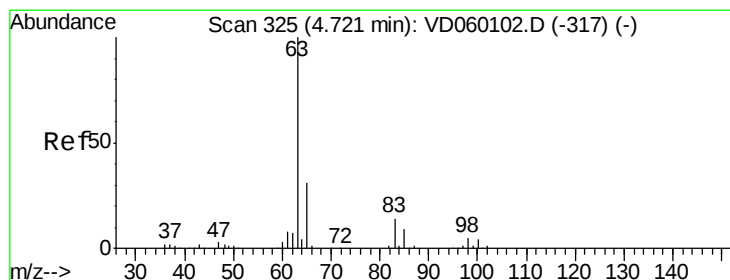
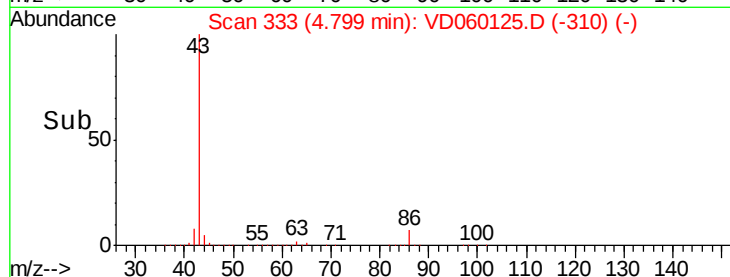
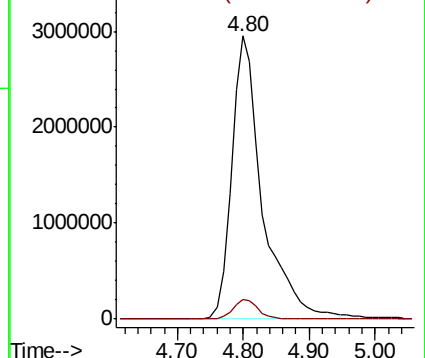
43 100

86 6.9 5.6 8.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.069 ug/l

RT: 4.75 min Scan# 328

Delta R.T. 0.03 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

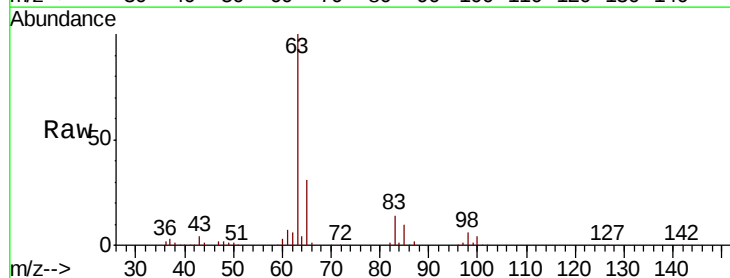
Tgt Ion: 63 Resp: 1532402

Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.3

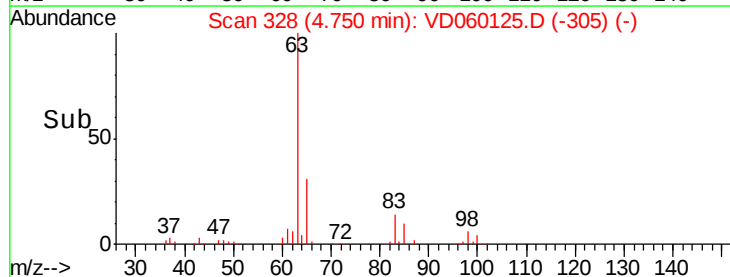
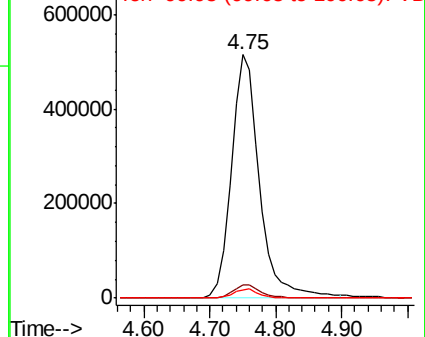
100 3.5 1.8 5.3

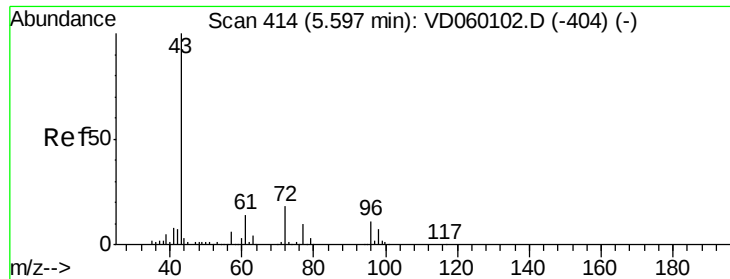


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 292.683 ug/l

RT: 5.62 min Scan# 416

Delta R.T. 0.02 min

Lab File: VD060125.D

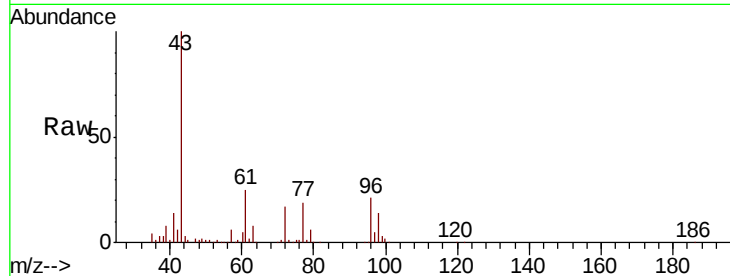
Acq: 4 Oct 2018 11:17

Tot Ion: 43 Resp: 1692799

Ion Ratio Lower Upper

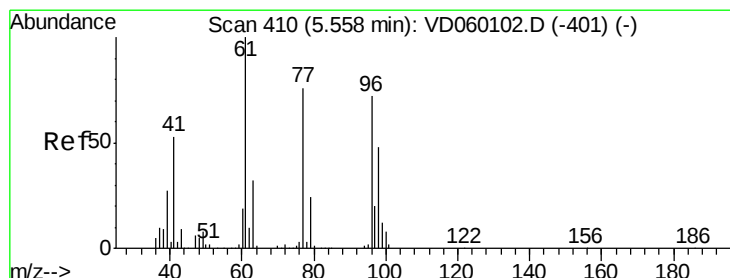
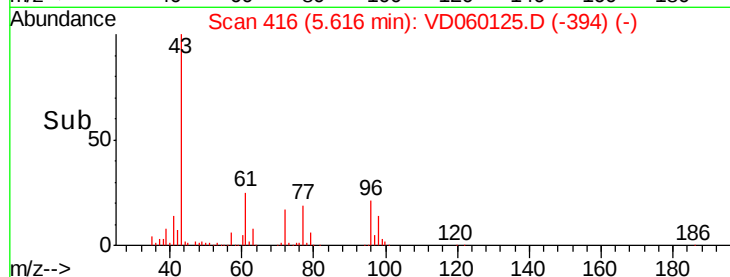
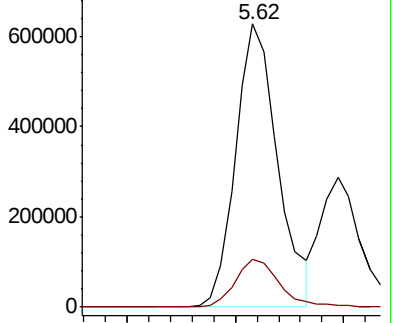
43 100

72 16.8 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 56.063 ug/l

RT: 5.59 min Scan# 413

Delta R.T. 0.03 min

Lab File: VD060125.D

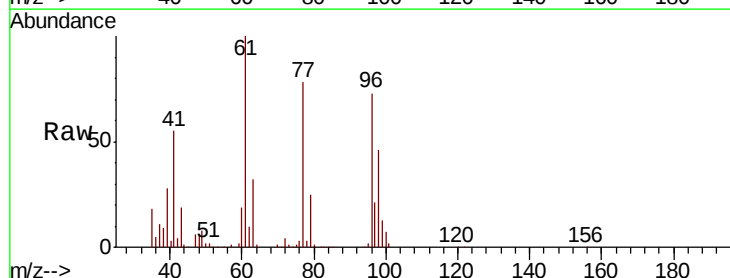
Acq: 4 Oct 2018 11:17

Tgt Ion: 77 Resp: 1227232

Ion Ratio Lower Upper

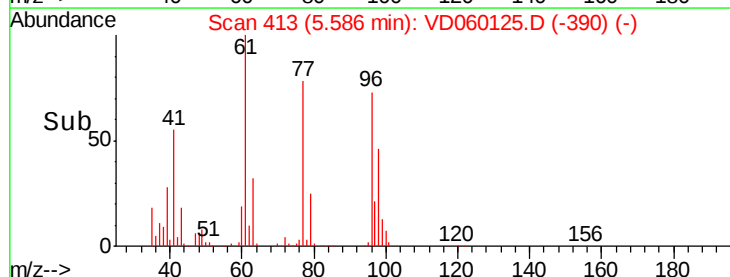
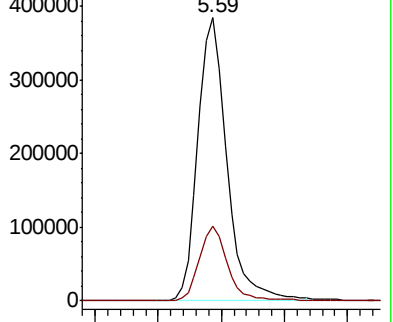
77 100

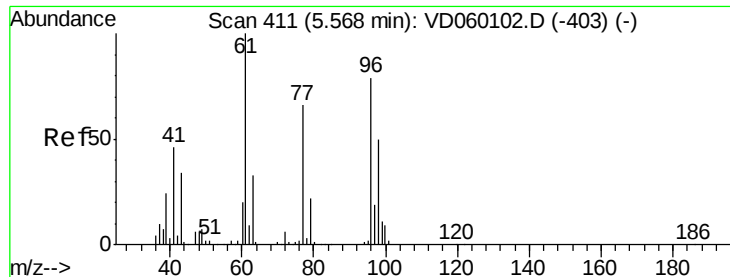
97 26.4 13.3 39.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

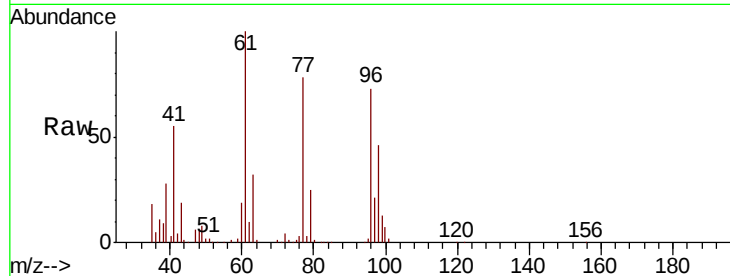




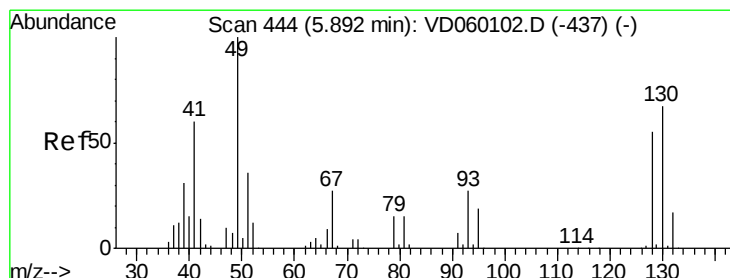
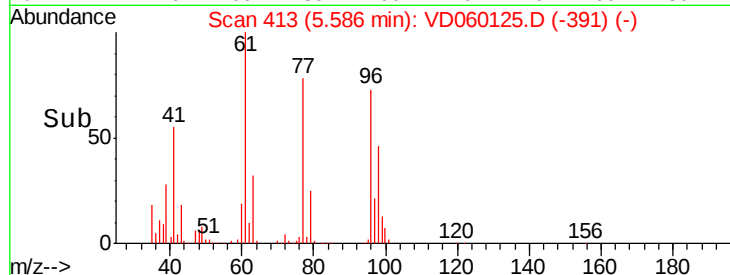
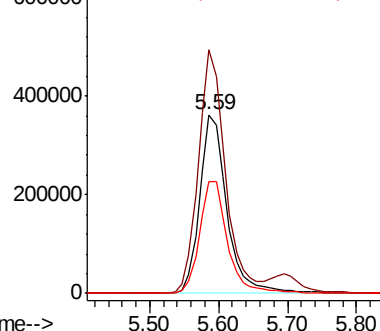
#27

cis-1,2-Dichloroethene
 Concen: 52.605 ug/l
 RT: 5.59 min Scan# 413
 Delta R.T. 0.02 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	251.8
98	62.8	0.0	125.2



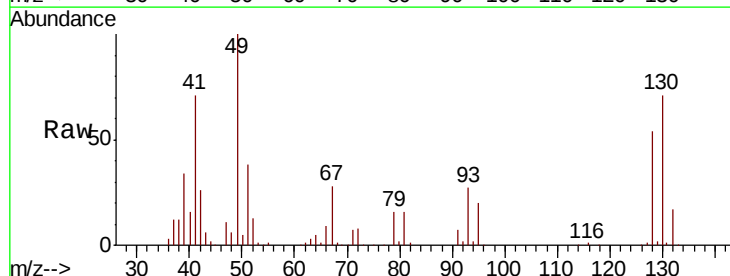
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



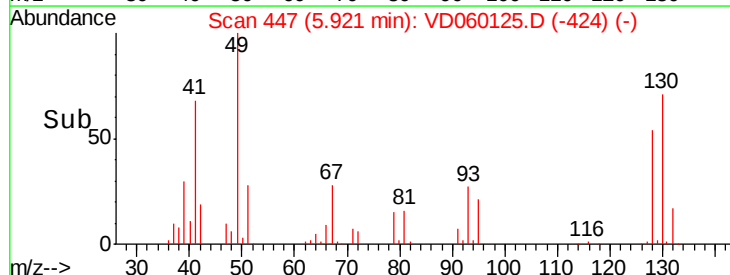
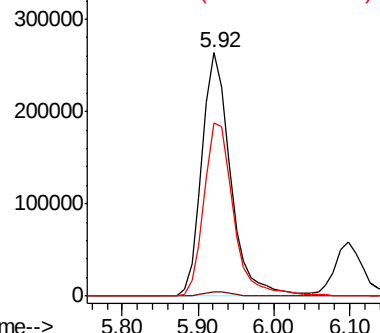
#28

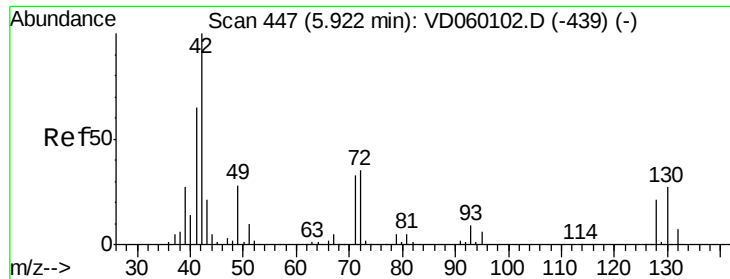
Bromochloromethane
 Concen: 49.490 ug/l
 RT: 5.92 min Scan# 447
 Delta R.T. 0.03 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	71.0	53.9	80.9



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





#29

Tetrahydrofuran

Concen: 266.761 ug/l

RT: 5.95 min Scan# 450

Delta R.T. 0.03 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

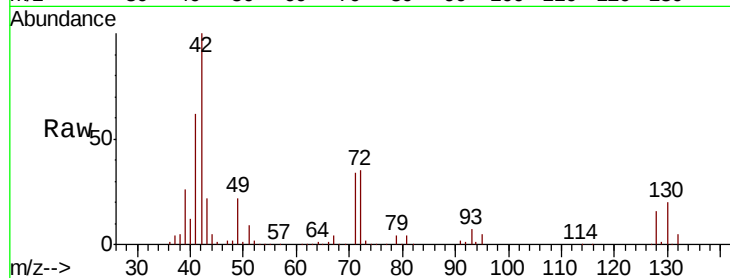
Tot Ion: 42 Resp: 896179

Ion Ratio Lower Upper

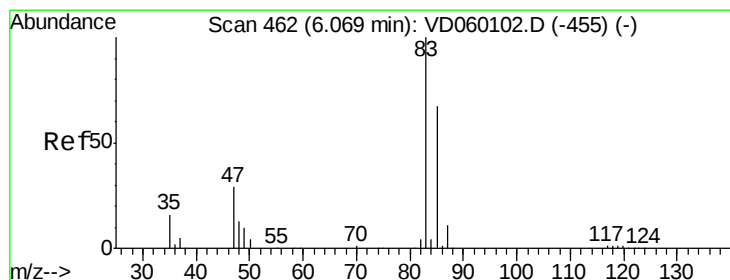
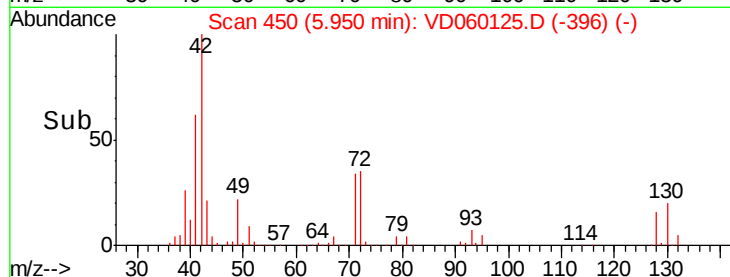
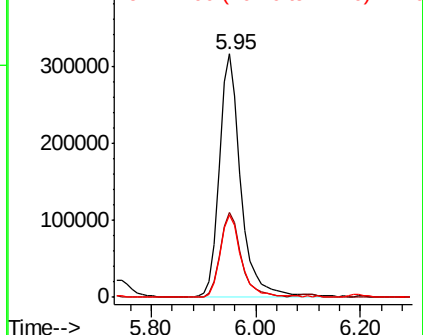
42 100

72 34.4 26.9 40.3

71 33.6 26.7 40.1



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 53.910 ug/l

RT: 6.10 min Scan# 465

Delta R.T. 0.03 min

Lab File: VD060125.D

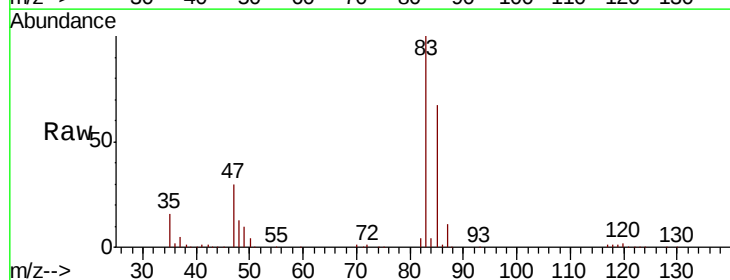
Acq: 4 Oct 2018 11:17

Tgt Ion: 83 Resp: 1574647

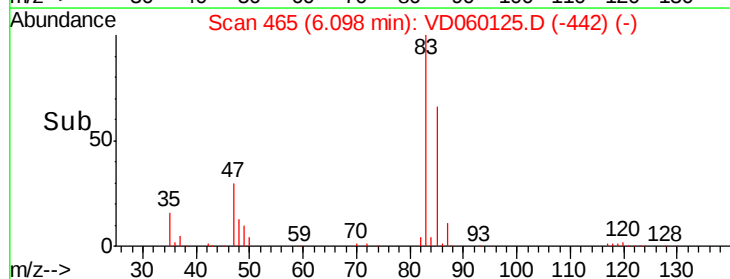
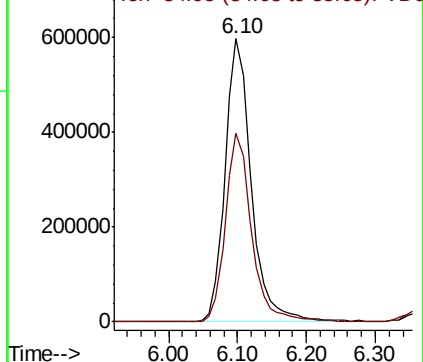
Ion Ratio Lower Upper

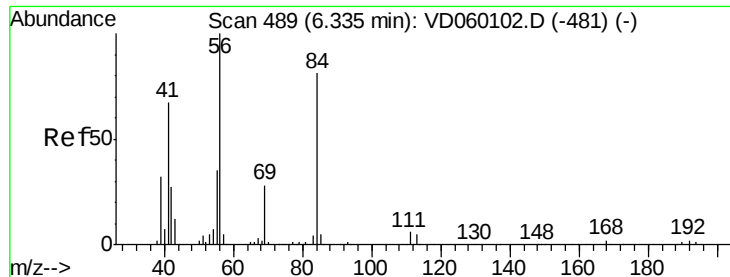
83 100

85 66.5 53.8 80.8



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC

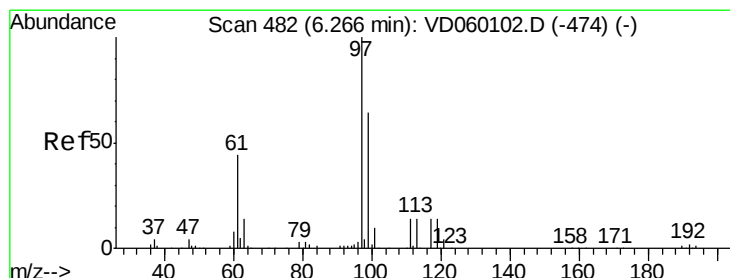
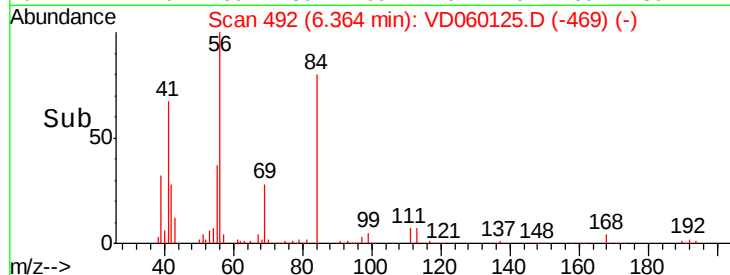
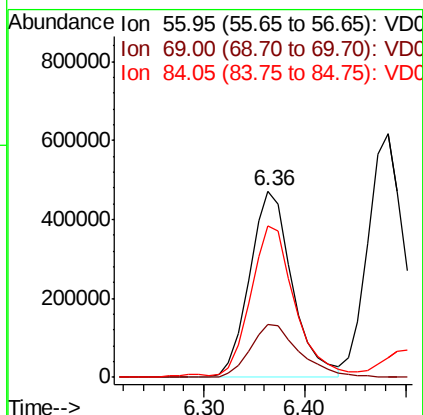
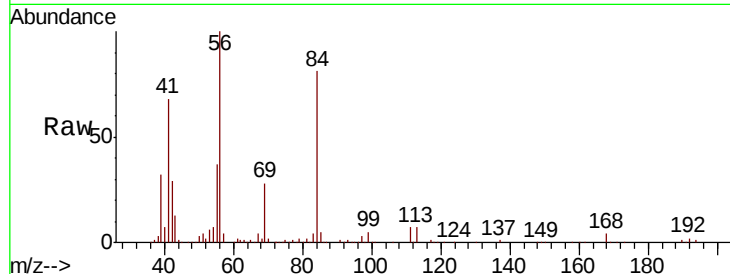




#31
Cyclohexane
Concen: 50.252 ug/l
RT: 6.36 min Scan# 492
Delta R.T. 0.03 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tot Ion: 56 Resp: 1389039

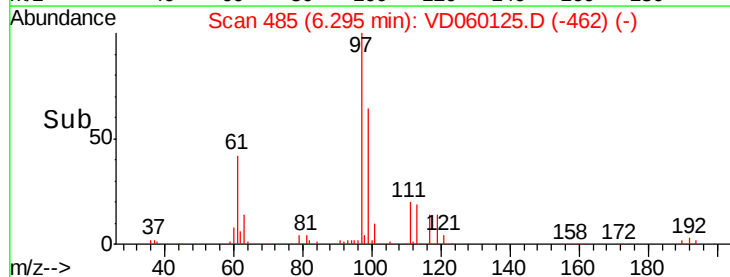
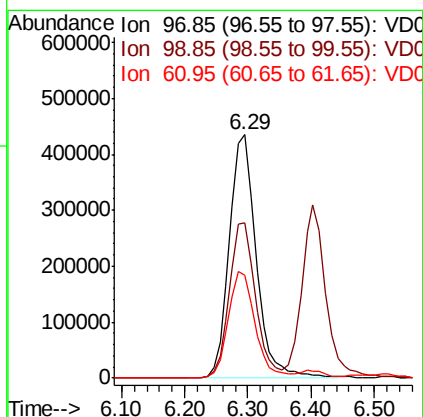
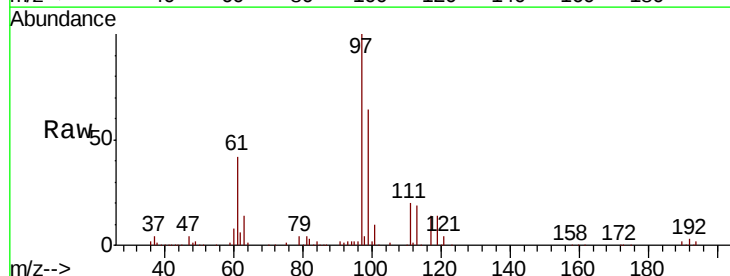
Ion	Ratio	Lower	Upper
56	100		
69	28.5	22.8	34.2
84	81.0	64.9	97.3

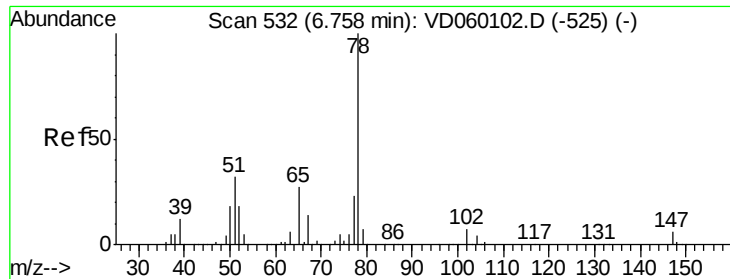


#32
1,1,1-Trichloroethane
Concen: 53.605 ug/l
RT: 6.29 min Scan# 485
Delta R.T. 0.03 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion: 97 Resp: 1282775

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.0
61	42.3	35.5	53.3





#33

1,2-Dichloroethane-d4

Concen: 53.605 ug/l

RT: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060125.D

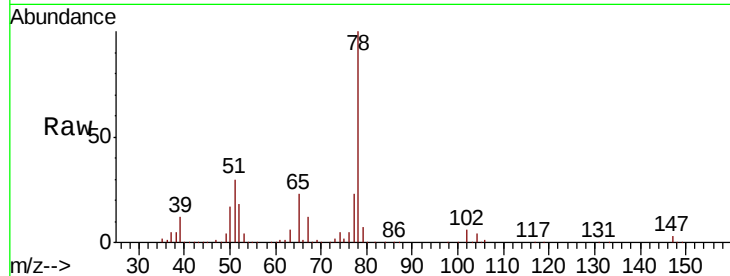
Acq: 4 Oct 2018 11:17

Tot Ion: 65 Resp: 662014

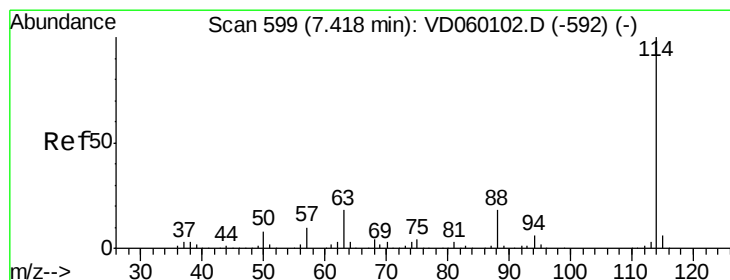
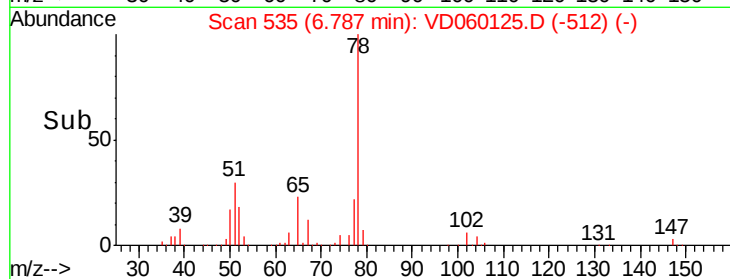
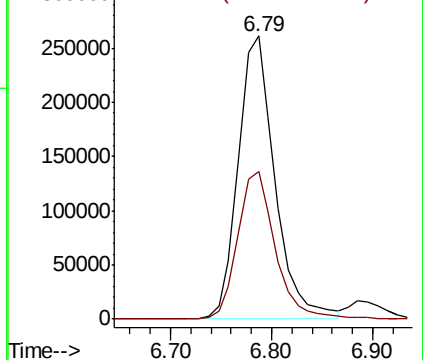
Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.45 min Scan# 602

Delta R.T. 0.03 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

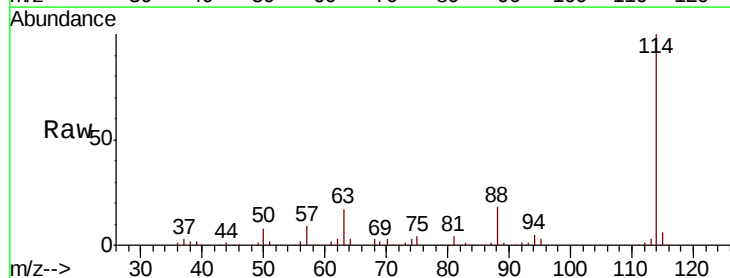
Tgt Ion: 114 Resp: 2335796

Ion Ratio Lower Upper

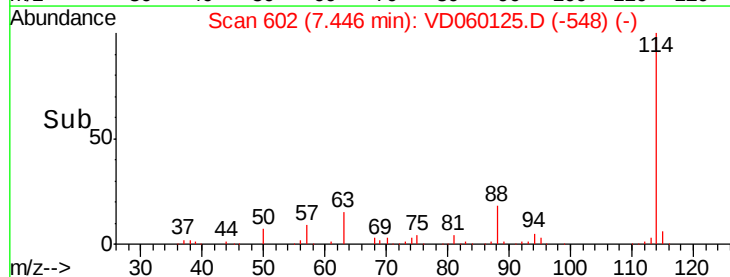
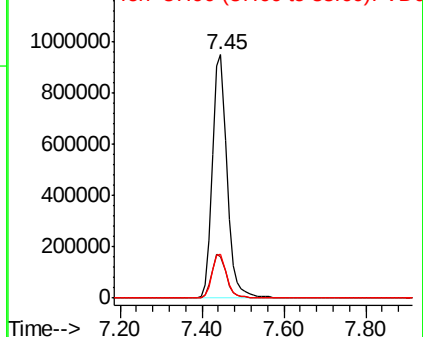
114 100

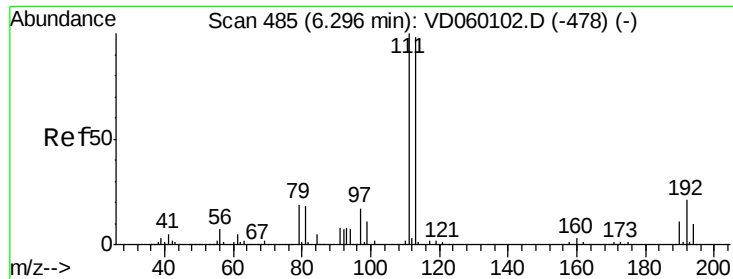
63 17.0 0.0 36.0

88 18.0 0.0 36.2



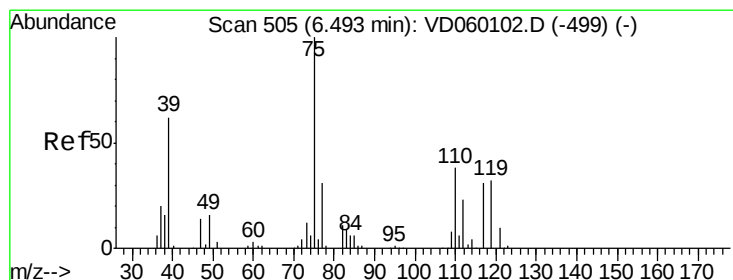
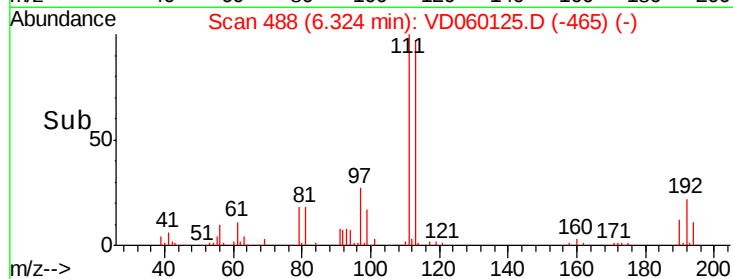
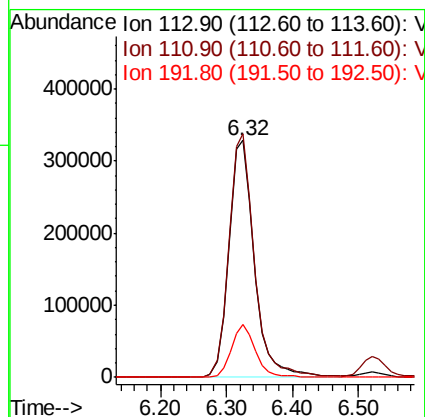
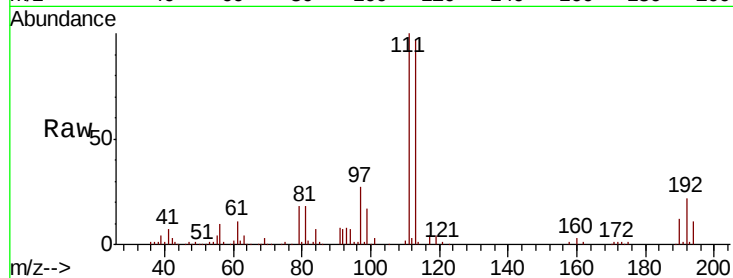
Abundance Ion 114.00 (113.70 to 114.70): VDC
Ion 62.95 (62.65 to 63.65): VDC
Ion 87.90 (87.60 to 88.60): VDC





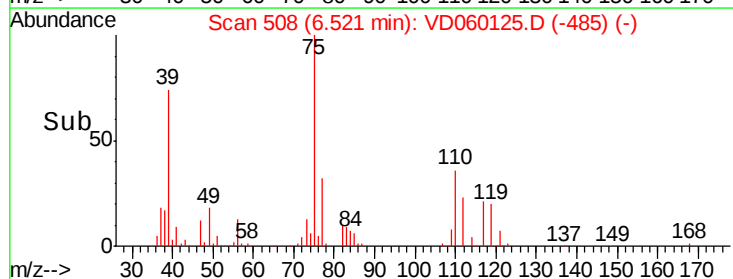
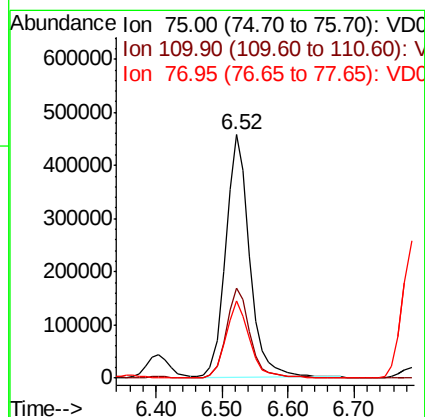
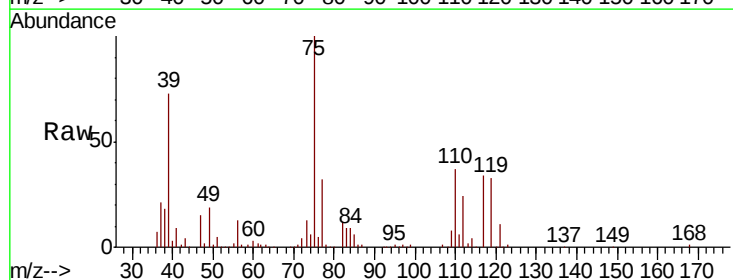
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

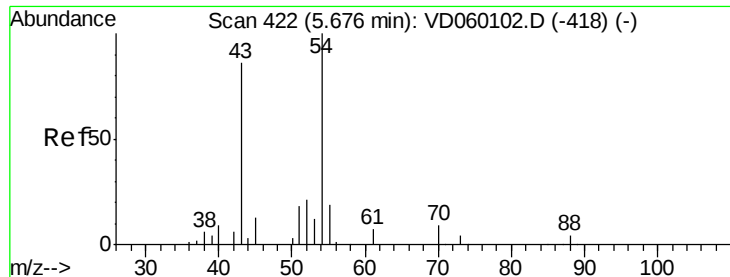
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	22.3	17.4	26.0



#36
 1,1-Dichloropropene
 Concen: 51.823 ug/l
 RT: 6.52 min Scan# 508
 Delta R.T. 0.03 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

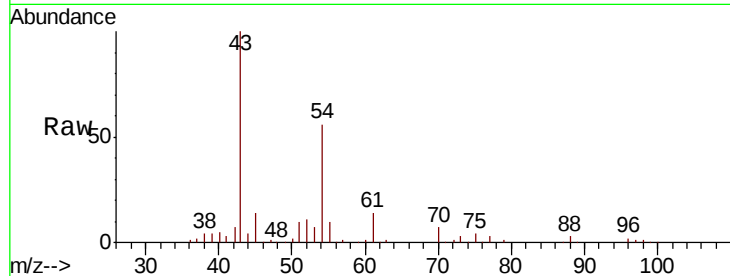
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	19.0	57.0
77	31.8	24.9	37.3



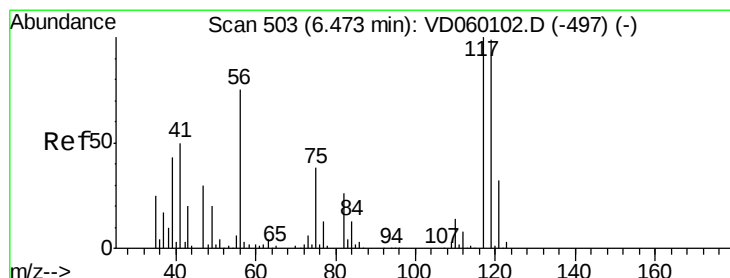
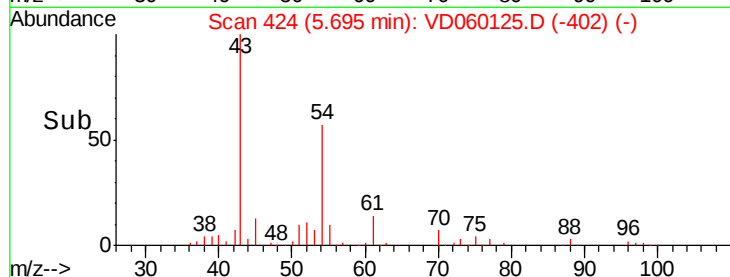
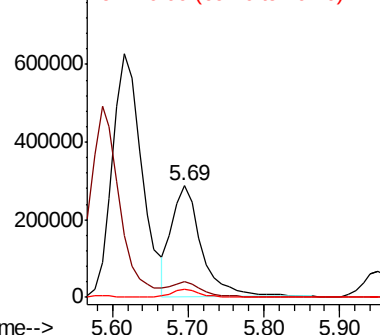


#37
Ethyl Acetate
Concen: 52.286 ug/l
RT: 5.69 min Scan# 424
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tot Ion: 43 Resp: 774651
Ion Ratio Lower Upper
43 100
61 14.1 10.5 15.7
70 7.3 6.3 9.5

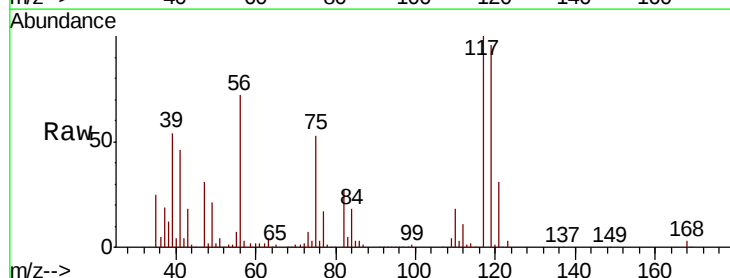


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

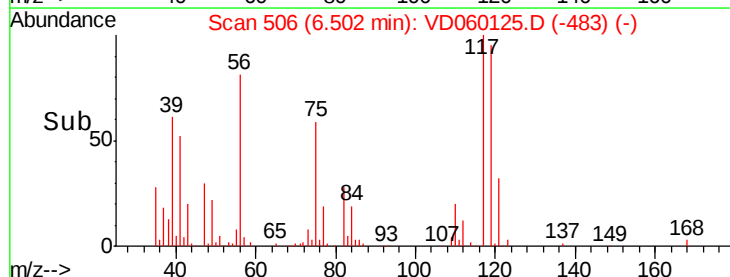
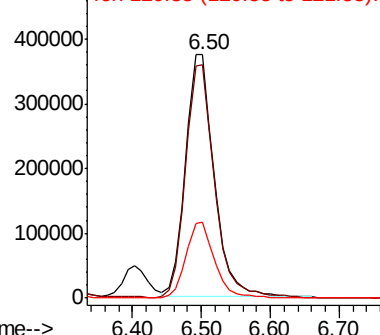


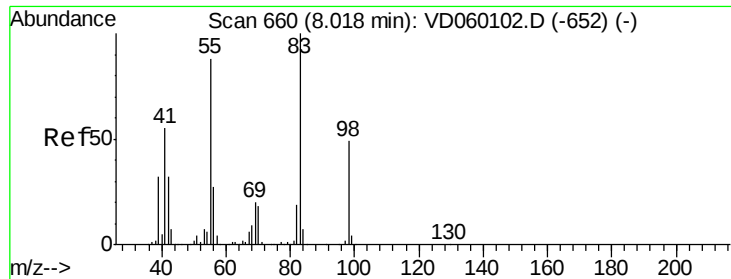
#38
Carbon Tetrachloride
Concen: 53.391 ug/l
RT: 6.50 min Scan# 506
Delta R.T. 0.03 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion: 117 Resp: 1081630
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.6
121 31.2 24.8 37.2



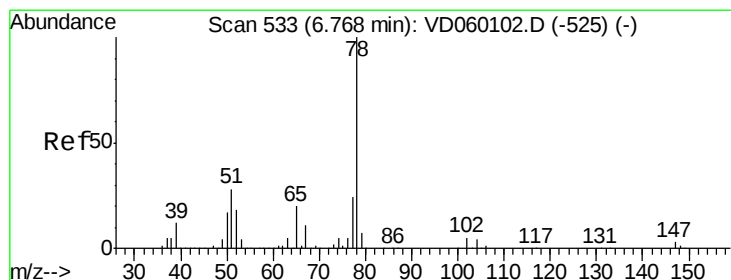
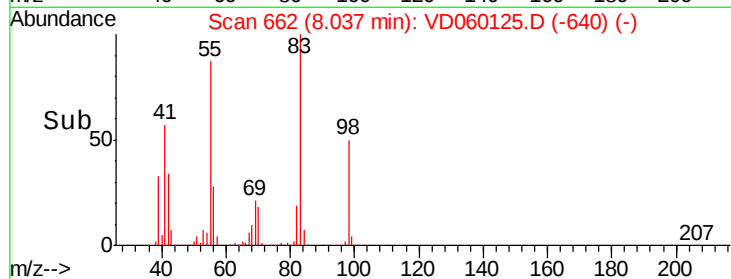
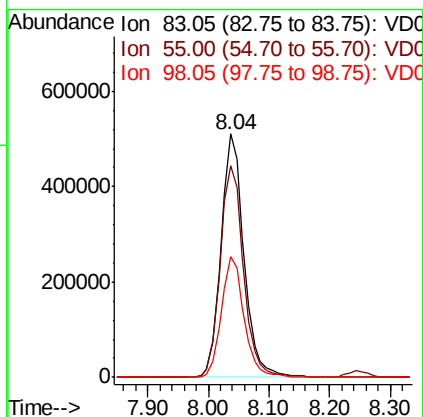
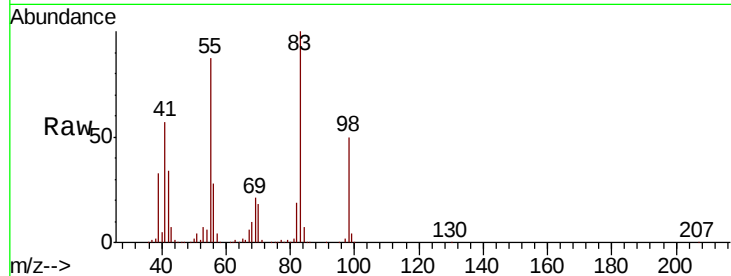
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





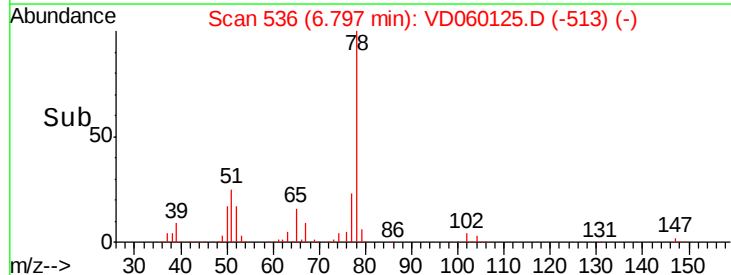
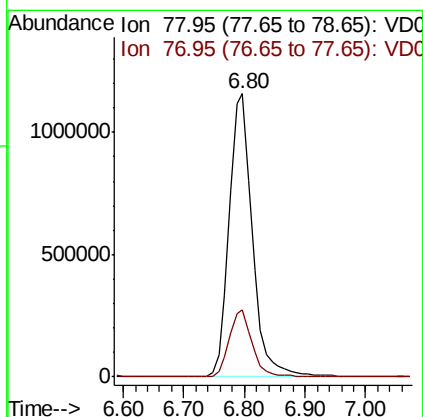
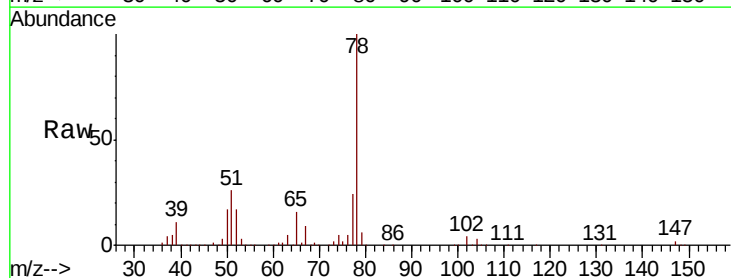
#39
Methvlcvclohexane
Concen: 52.864 ug/l
RT: 8.04 min Scan# 662
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

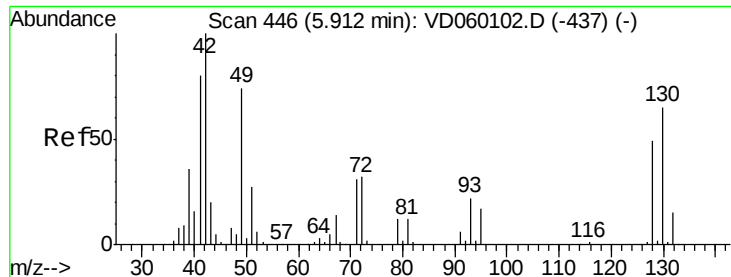
Tot Ion: 83 Resp: 1340685
Ion Ratio Lower Upper
83 100
55 86.7 70.5 105.7
98 49.6 39.4 59.2



#40
Benzene
Concen: 52.942 ug/l
RT: 6.80 min Scan# 536
Delta R.T. 0.03 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

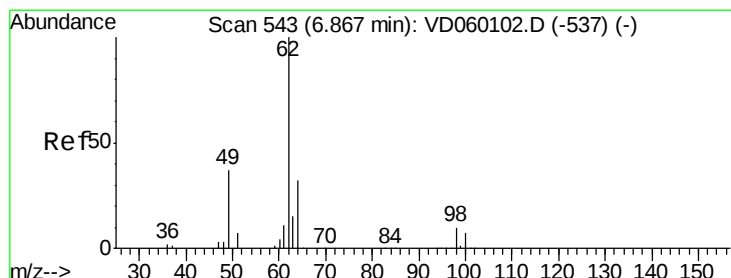
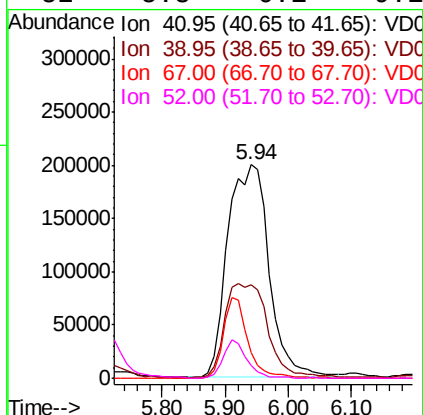
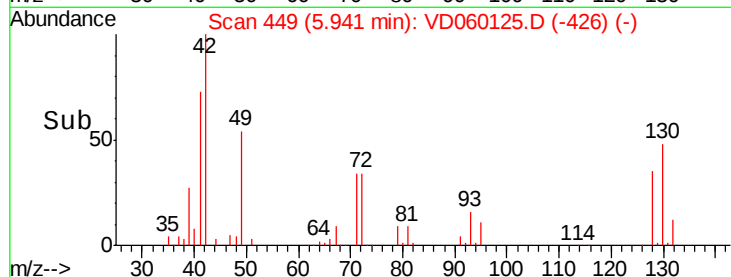
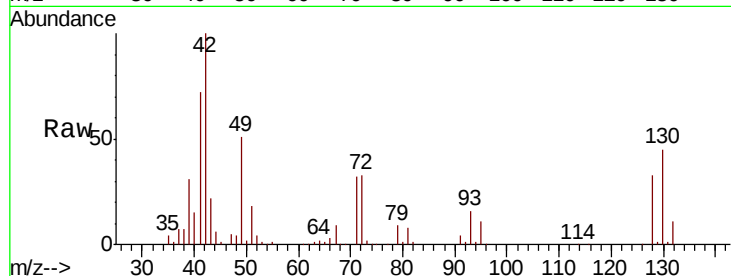
Tgt Ion: 78 Resp: 3091479
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





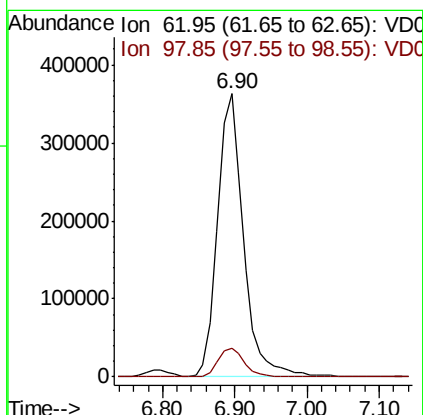
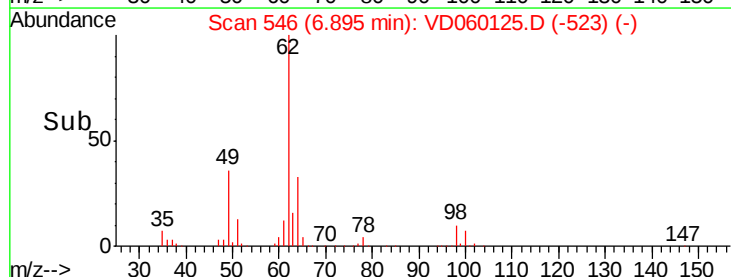
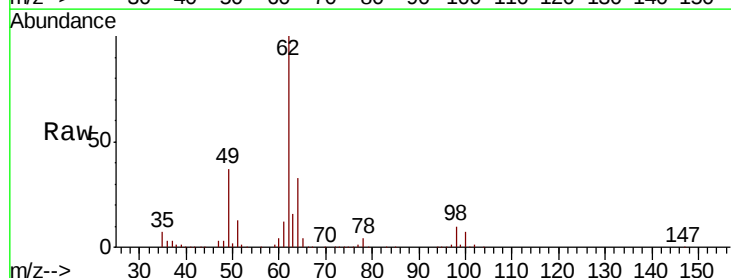
#41
Methacrylonitrile
Concen: 108.926 ug/l
RT: 5.94 min Scan# 449
Delta R.T. 0.03 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

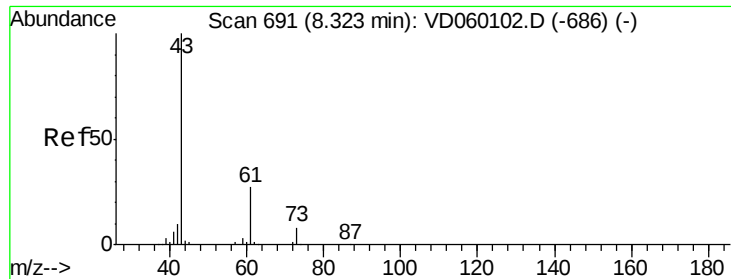
Tot Ion:	41	Resp:	912157
Ion	Ratio	Lower	Upper
41	100		
39	43.6	36.0	54.0
67	12.0	13.9	20.9#
52	5.8	6.1	9.1#



#42
1,2-Dichloroethane
Concen: 53.292 ug/l
RT: 6.90 min Scan# 546
Delta R.T. 0.03 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion:	62	Resp:	892181
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6





#43

Isopropyl Acetate

Concen: 54.348 ug/l

RT: 8.35 min Scan# 694

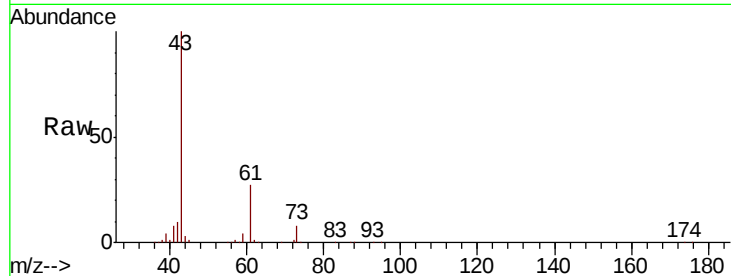
Delta R.T. 0.03 min

Lab File: VD060125.D

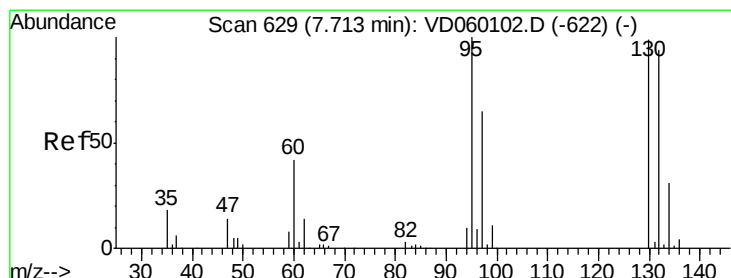
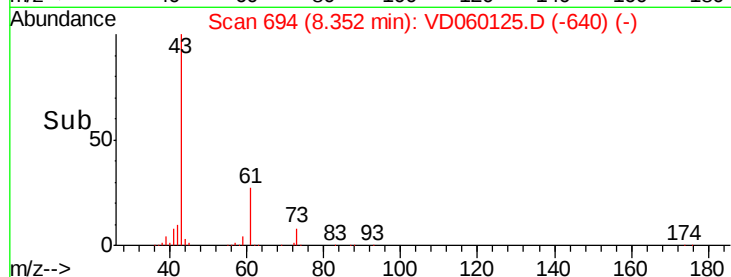
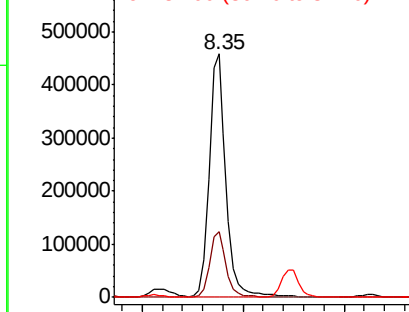
Acq: 4 Oct 2018 11:17

Tot Ion: 43 Resp: 1059308

Ion	Ratio	Lower	Upper
43	100		
61	27.1	21.4	32.2
87	0.3	0.2	0.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 51.938 ug/l

RT: 7.74 min Scan# 632

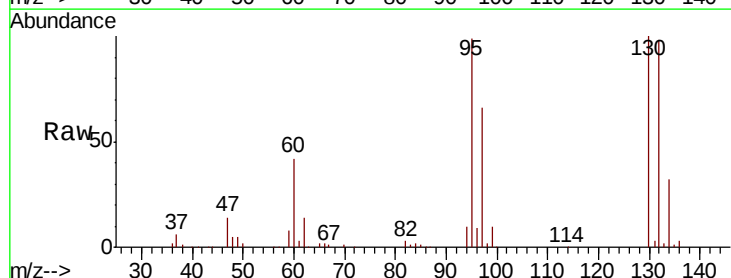
Delta R.T. 0.03 min

Lab File: VD060125.D

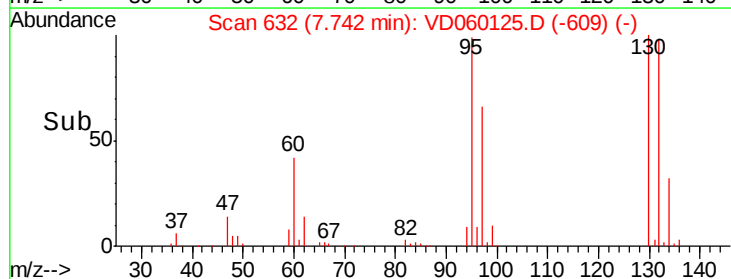
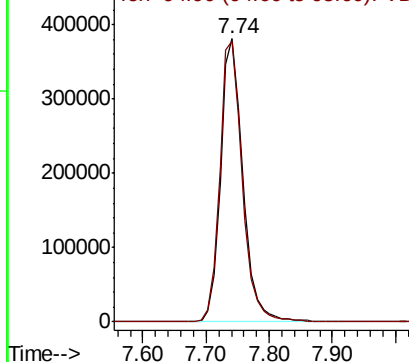
Acq: 4 Oct 2018 11:17

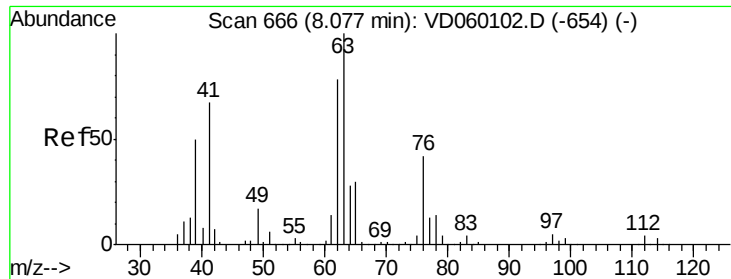
Tgt Ion: 130 Resp: 938854

Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	202.2



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





#45

1,2-Dichloropropane

Concen: 51.994 ug/l

RT: 8.11 min Scan# 669

Delta R.T. 0.03 min

Lab File: VD060125.D

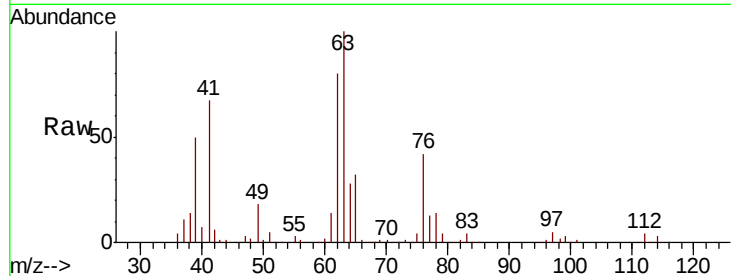
Acq: 4 Oct 2018 11:17

Tot Ion: 63 Resp: 794991

Ion Ratio Lower Upper

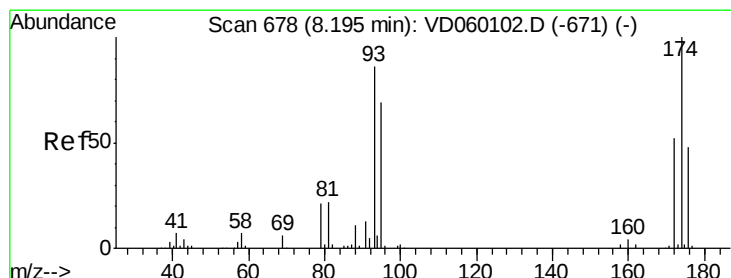
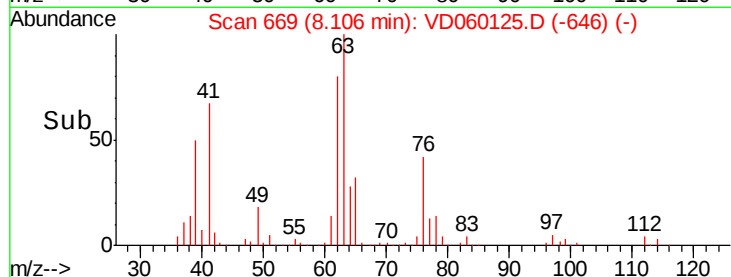
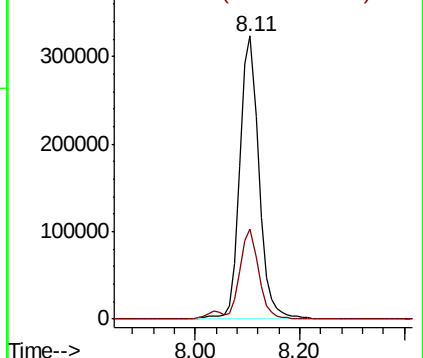
63 100

65 31.8 24.1 36.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 52.963 ug/l

RT: 8.21 min Scan# 680

Delta R.T. 0.02 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

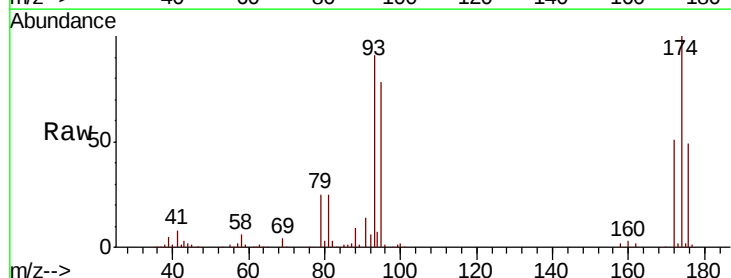
Tgt Ion: 93 Resp: 524289

Ion Ratio Lower Upper

93 100

95 85.0 63.8 95.6

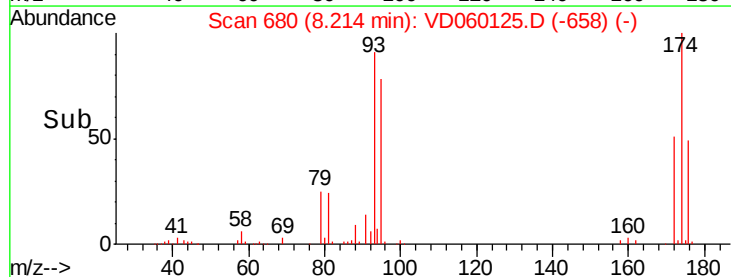
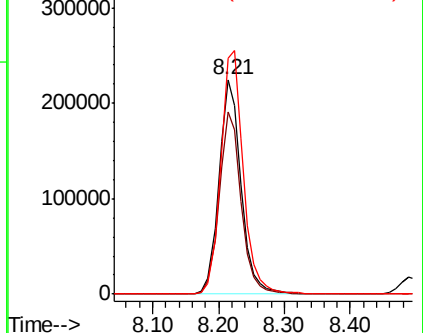
174 109.6 92.9 139.3

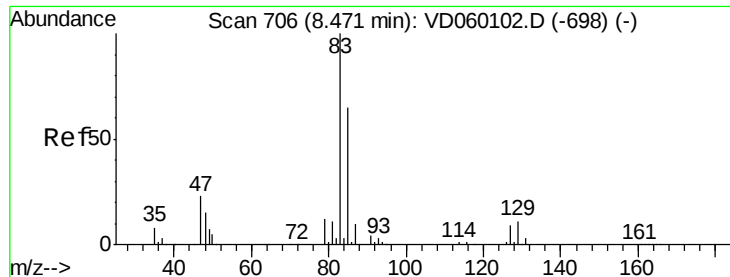


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 55.306 ug/l

RT: 8.49 min Scan# 708

Delta R.T. 0.02 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

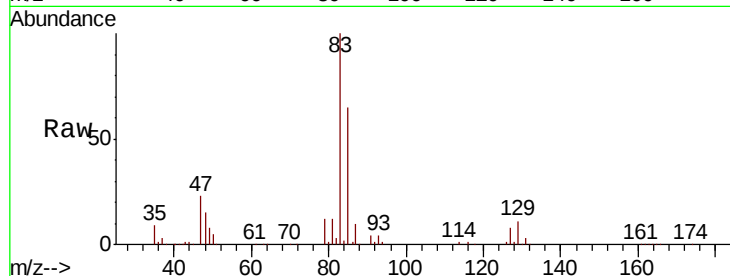
Tot Ion: 83 Resp: 1166529

Ion Ratio Lower Upper

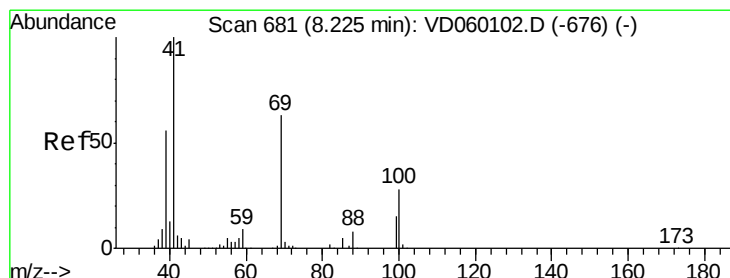
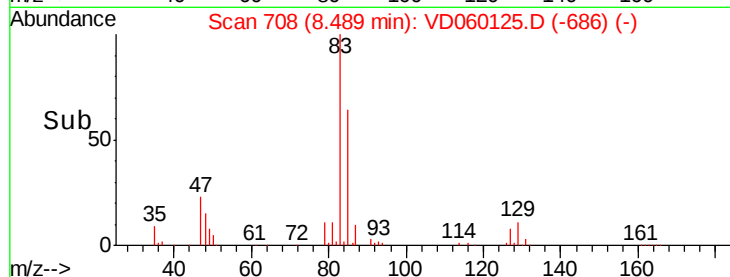
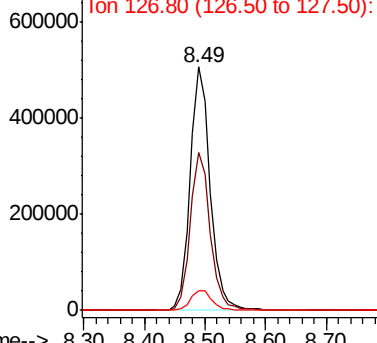
83 100

85 64.7 52.2 78.2

127 8.2 7.4 11.0



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 53.350 ug/l

RT: 8.24 min Scan# 683

Delta R.T. 0.02 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

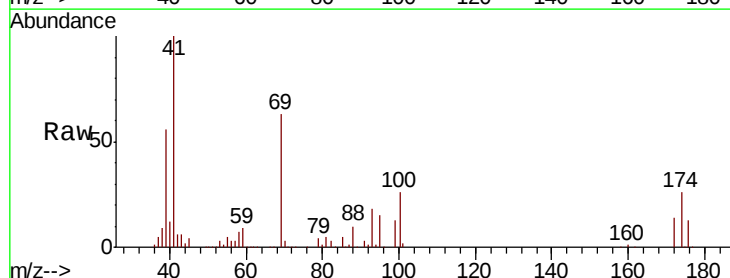
Tgt Ion: 41 Resp: 592325

Ion Ratio Lower Upper

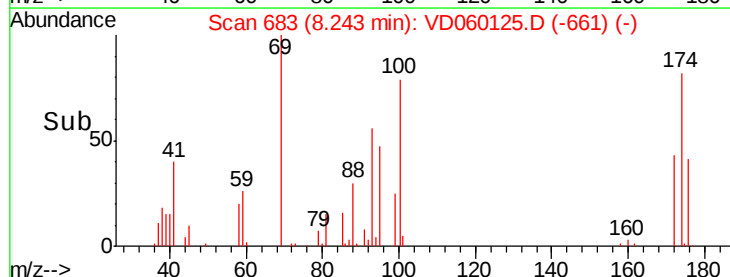
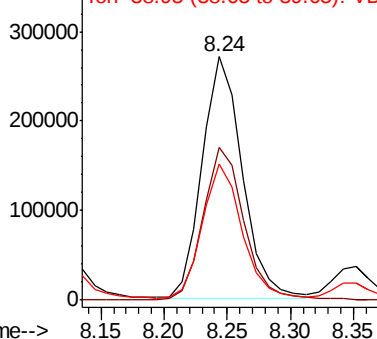
41 100

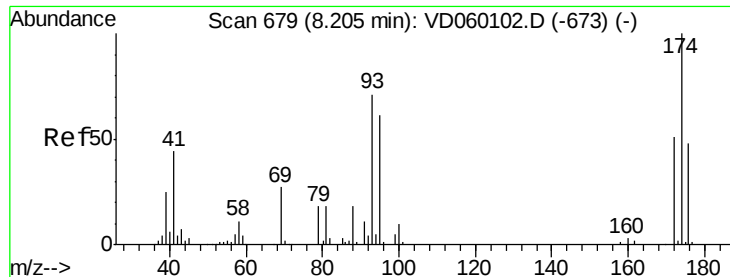
69 62.8 49.7 74.5

39 56.1 45.2 67.8



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 1018.170 ug/l

RT: 8.23 min Scan# 682

Delta R.T. 0.03 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

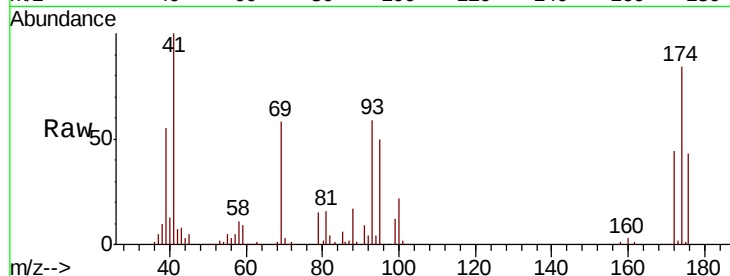
Tot Ion: 88 Resp: 111226

Ion Ratio Lower Upper

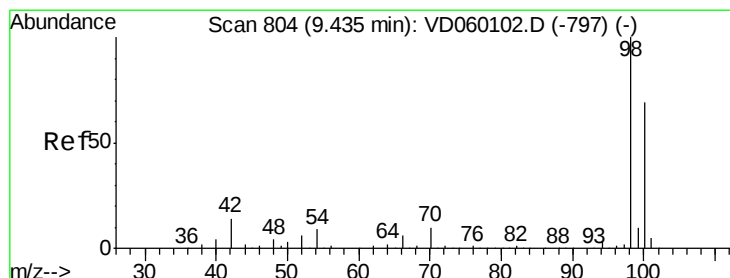
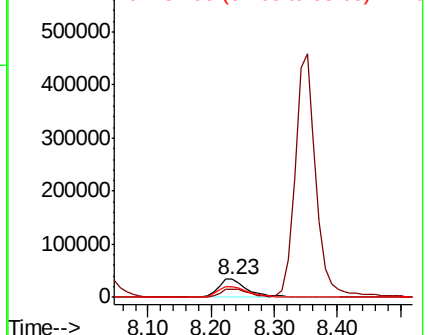
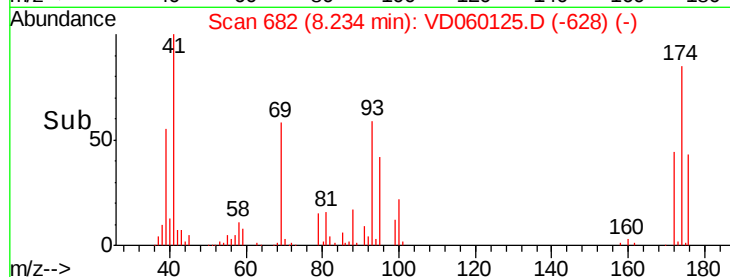
88 100

43 43.6 33.7 50.5

58 60.9 49.1 73.7



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 1018.170 ug/l

RT: 9.45 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060125.D

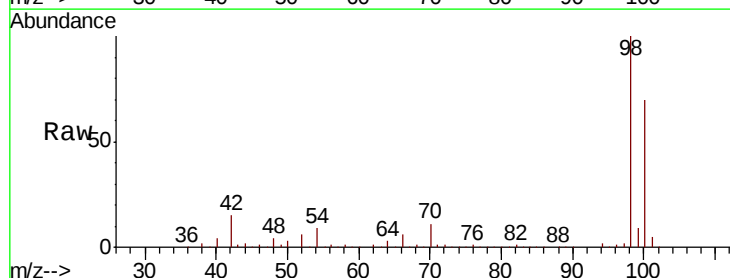
Acq: 4 Oct 2018 11:17

Tgt Ion: 98 Resp: 2588029

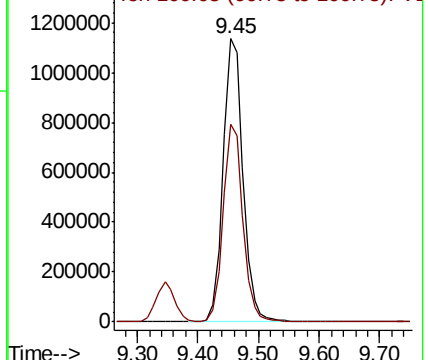
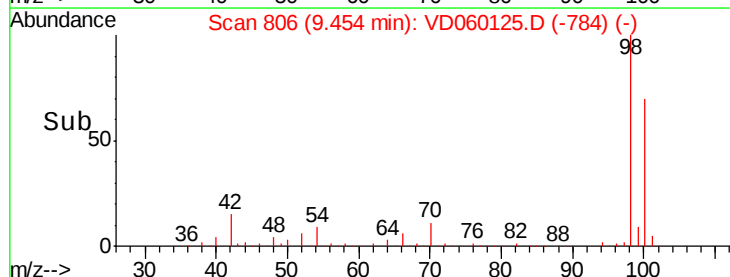
Ion Ratio Lower Upper

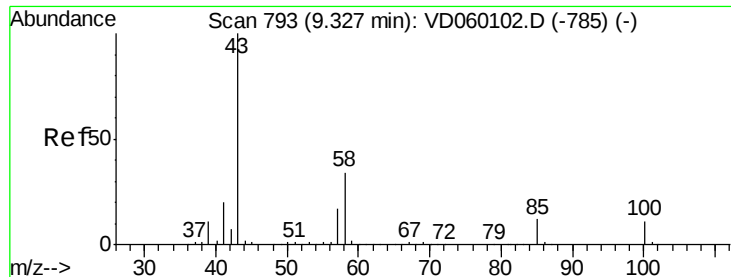
98 100

100 69.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 264.391 ug/l

RT: 9.35 min Scan# 795

Delta R.T. 0.02 min

Lab File: VD060125.D

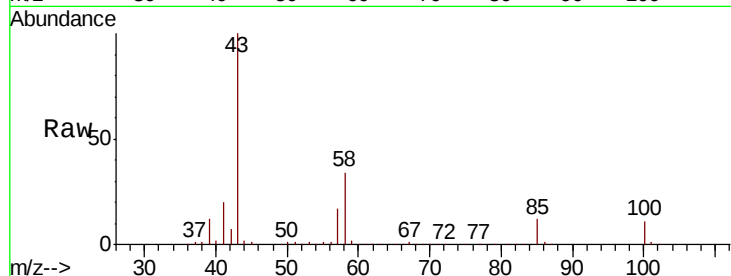
Acq: 4 Oct 2018 11:17

Tot Ion: 43 Resp: 3250379

Ion Ratio Lower Upper

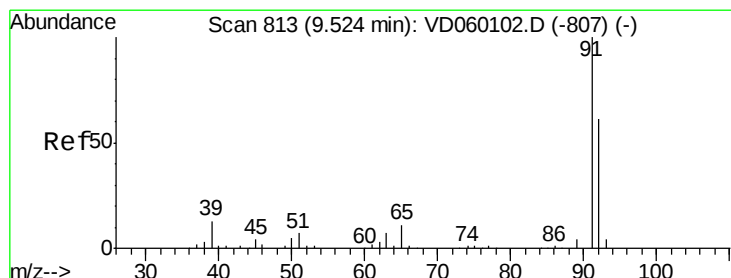
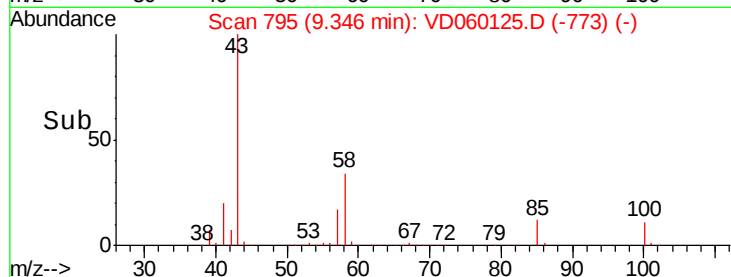
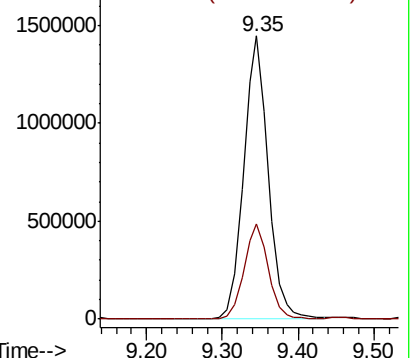
43 100

58 33.6 27.2 40.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 52.332 ug/l

RT: 9.55 min Scan# 816

Delta R.T. 0.03 min

Lab File: VD060125.D

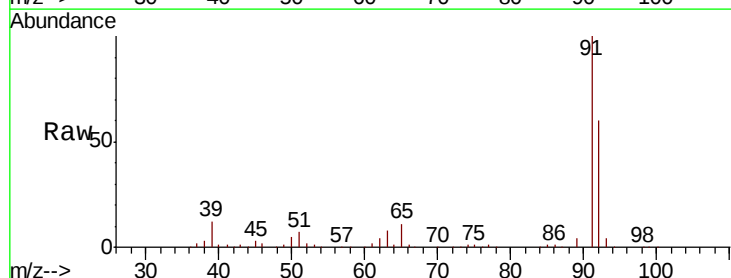
Acq: 4 Oct 2018 11:17

Tgt Ion: 92 Resp: 1968107

Ion Ratio Lower Upper

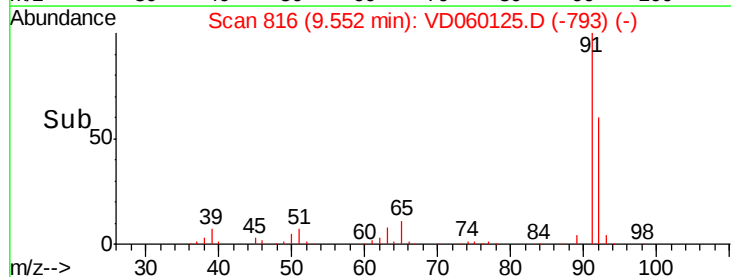
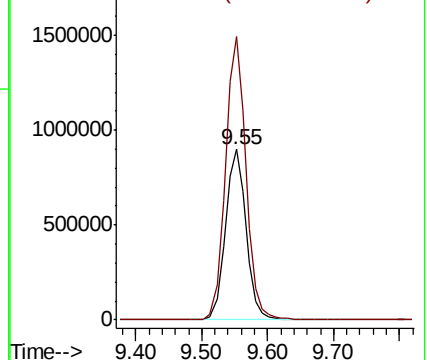
92 100

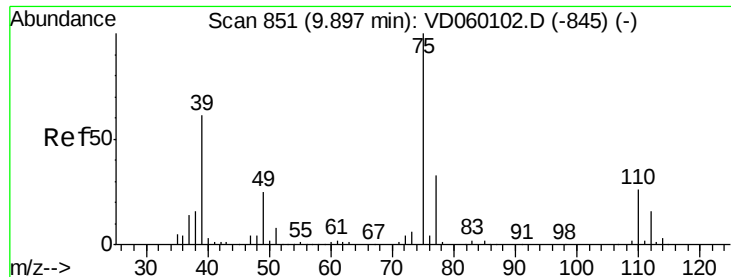
91 166.3 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 55.027 ug/l

RT: 9.92 min Scan# 853

Delta R.T. 0.02 min

Lab File: VD060125.D

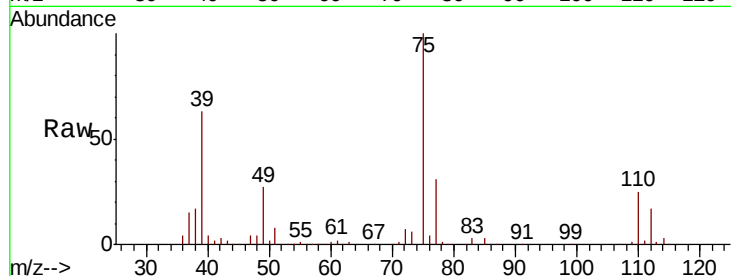
Acq: 4 Oct 2018 11:17

Tot Ion: 75 Resp: 1050193

Ion Ratio Lower Upper

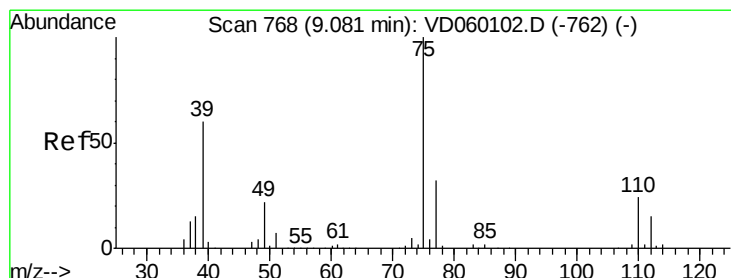
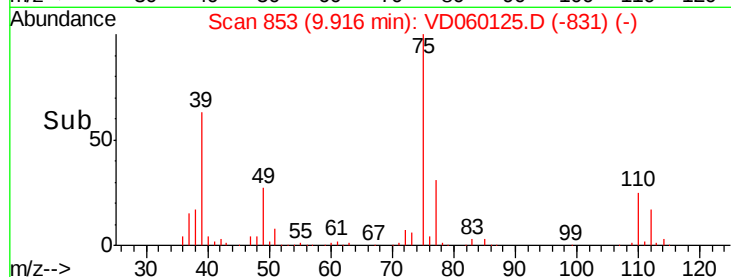
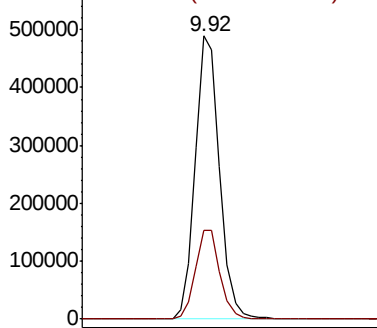
75 100

77 31.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 53.764 ug/l

RT: 9.10 min Scan# 770

Delta R.T. 0.02 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

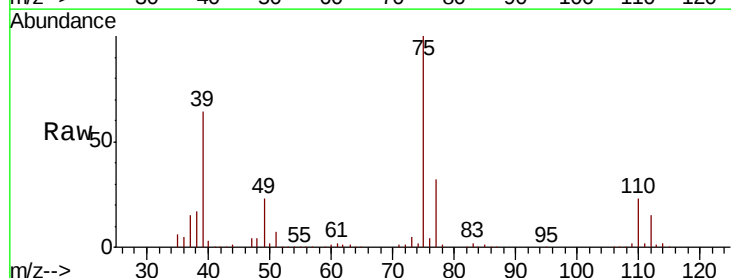
Tgt Ion: 75 Resp: 1267084

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

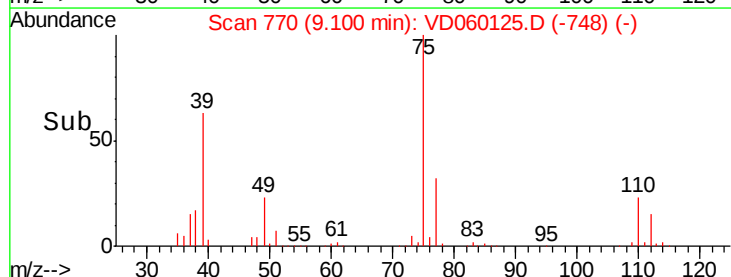
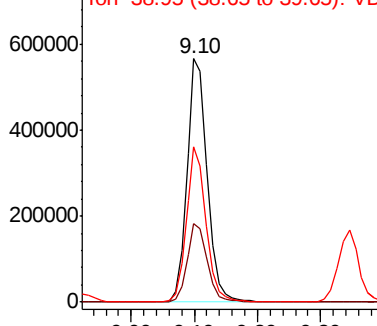
39 63.5 48.2 72.4

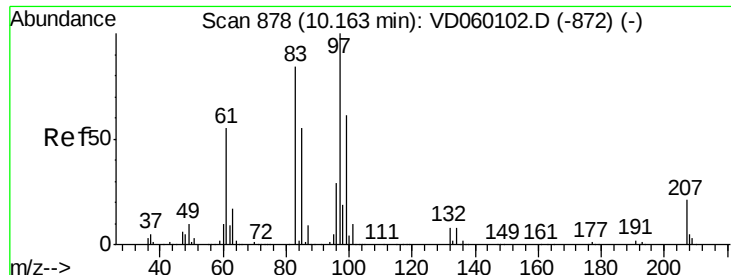


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

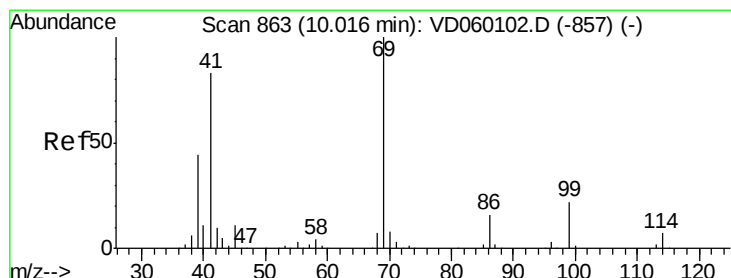
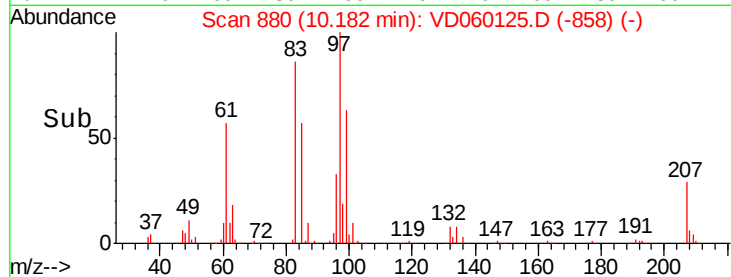
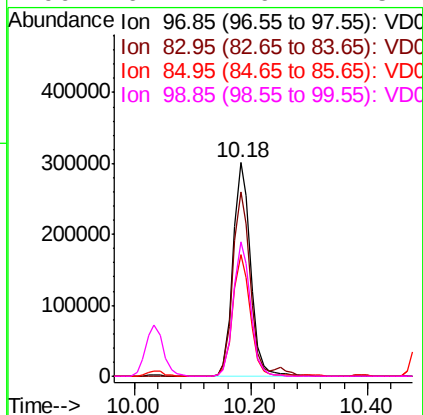
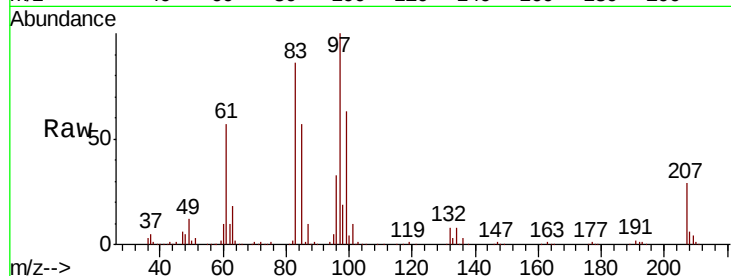
Ion 38.95 (38.65 to 39.65): VDC





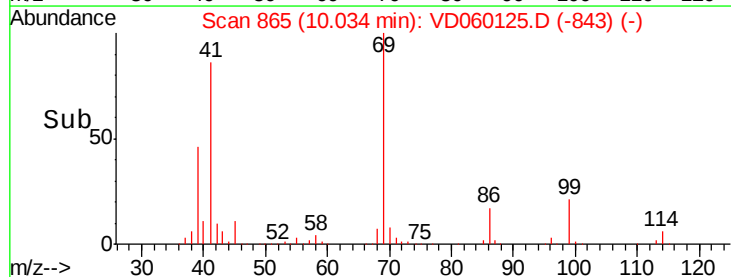
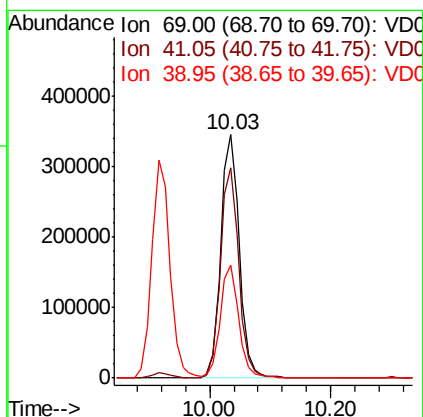
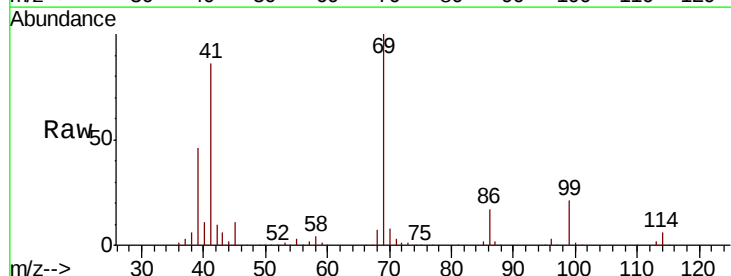
#55
 1,1,2-Trichloroethane
 Concen: 51.194 ug/l
 RT: 10.18 min Scan# 880
 Delta R.T. 0.02 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

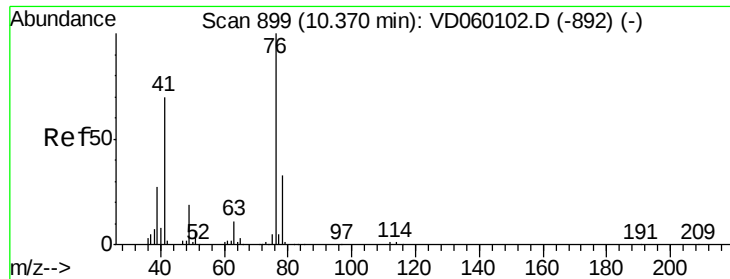
Tot Ion:	97	Resp:	629405
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.0	100.6
85	57.2	43.9	65.9
99	62.7	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 53.852 ug/l
 RT: 10.03 min Scan# 865
 Delta R.T. 0.02 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

Tgt Ion:	69	Resp:	730843
Ion	Ratio	Lower	Upper
69	100		
41	86.4	66.6	100.0
39	46.3	36.0	54.0





#57

1,3-Dichloropropane

Concen: 52.762 ug/l

RT: 10.39 min Scan# 901

Delta R.T. 0.02 min

Lab File: VD060125.D

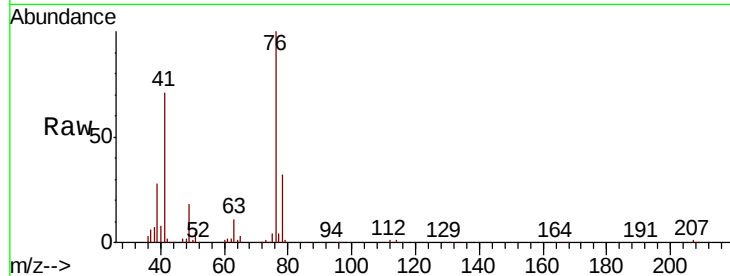
Acq: 4 Oct 2018 11:17

Tot Ion: 76 Resp: 989330

Ion Ratio Lower Upper

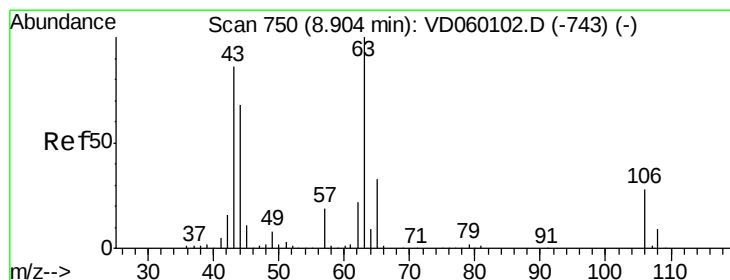
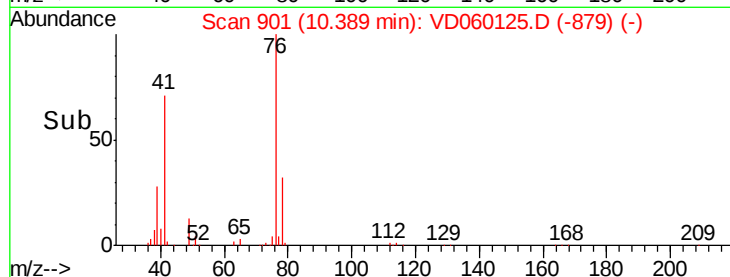
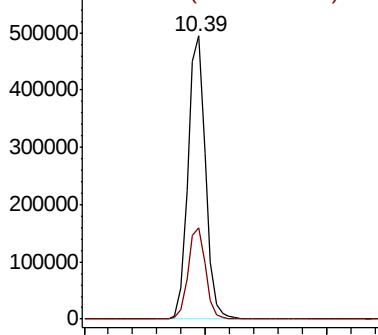
76 100

78 32.4 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 242.440 ug/l

RT: 8.92 min Scan# 752

Delta R.T. 0.02 min

Lab File: VD060125.D

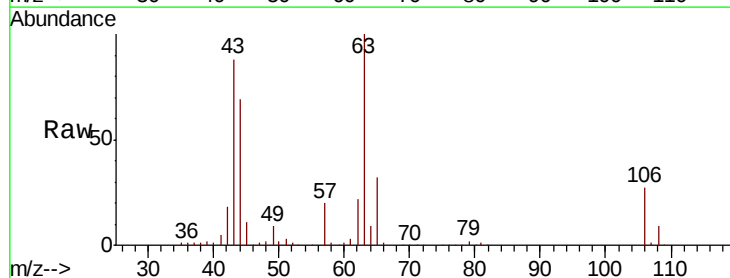
Acq: 4 Oct 2018 11:17

Tgt Ion: 63 Resp: 1827109

Ion Ratio Lower Upper

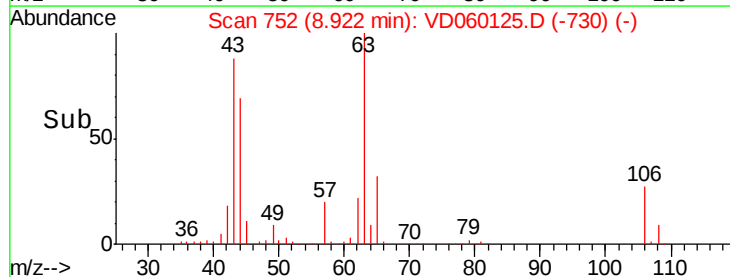
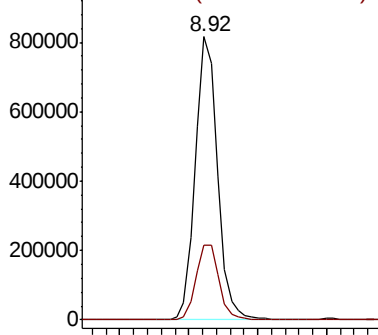
63 100

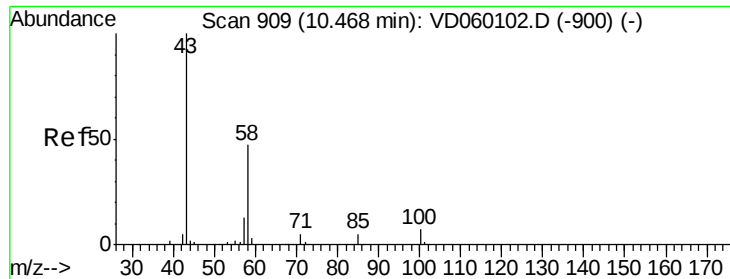
106 26.6 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC





#59

2-Hexanone

Concen: 280.654 ug/l

RT: 10.49 min Scan# 911

Delta R.T. 0.02 min

Lab File: VD060125.D

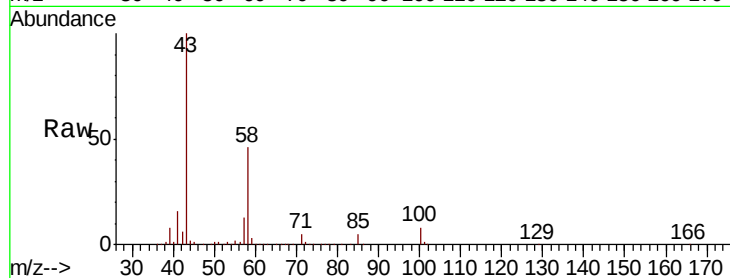
Acq: 4 Oct 2018 11:17

Tot Ion: 43 Resp: 2481054

Ion Ratio Lower Upper

43 100

58 46.4 23.3 69.9



Abundance Ion 42.95 (42.65 to 43.65): VD060102.D (-900) (-)

Ion 57.95 (57.65 to 58.65): VD060102.D (-900) (-)

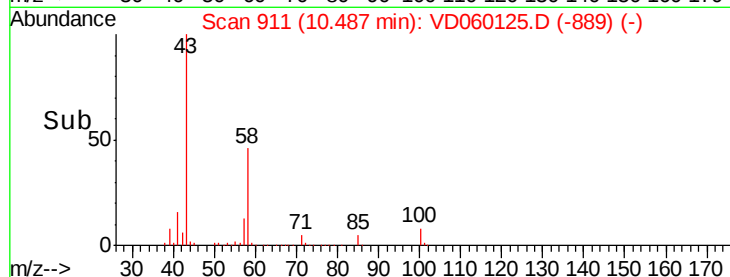
1500000

1000000

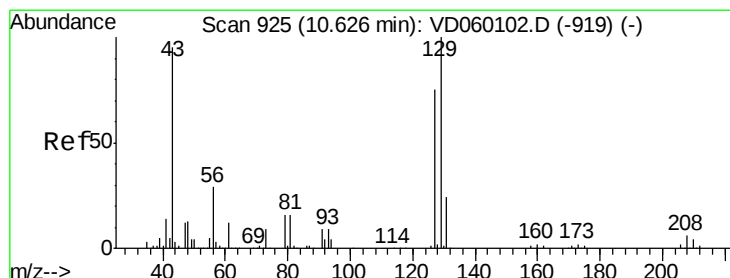
500000

0

Time-->



Time-->



#60

Dibromochloromethane

Concen: 54.068 ug/l

RT: 10.64 min Scan# 927

Delta R.T. 0.02 min

Lab File: VD060125.D

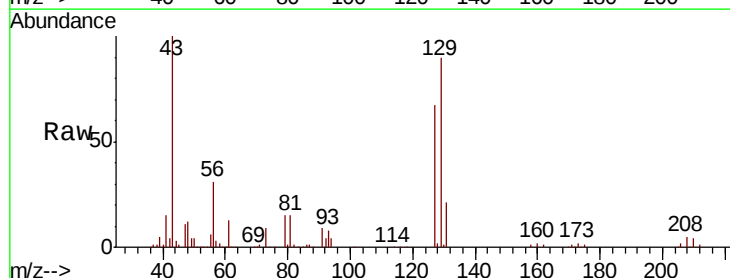
Acq: 4 Oct 2018 11:17

Tgt Ion: 129 Resp: 815600

Ion Ratio Lower Upper

129 100

127 74.5 37.4 112.2



Abundance Ion 128.80 (128.50 to 129.50): VD060102.D (-919) (-)

Ion 126.80 (126.50 to 127.50): VD060102.D (-919) (-)

500000

400000

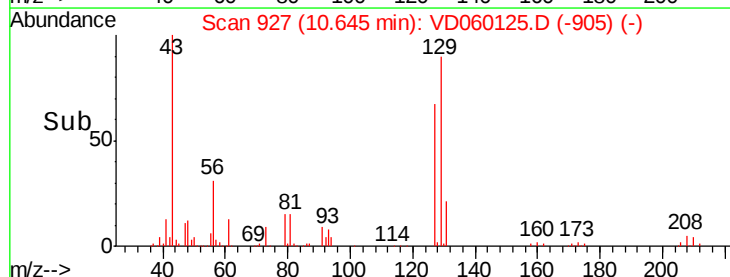
300000

200000

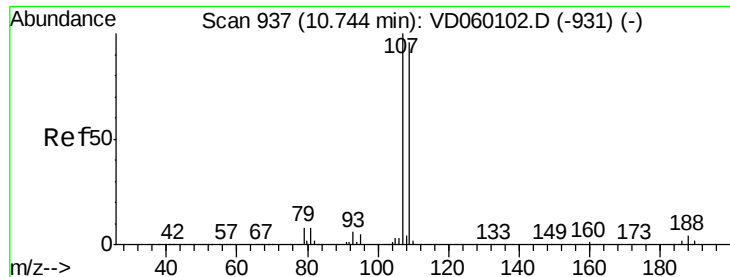
100000

0

Time-->

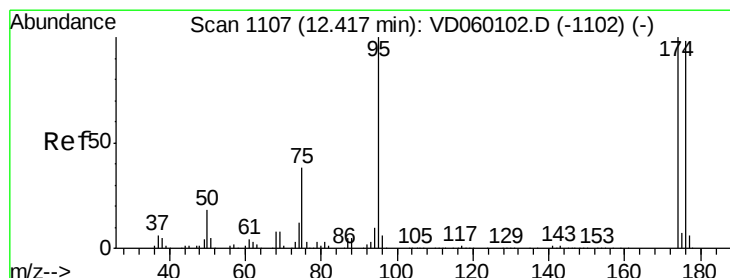
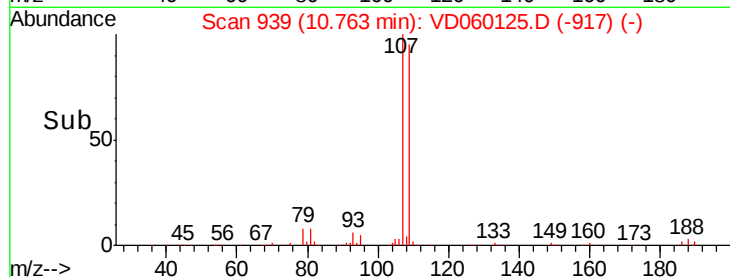
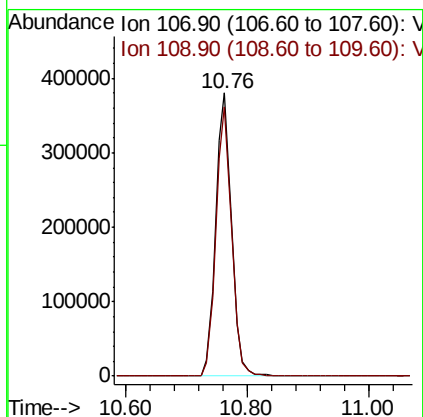
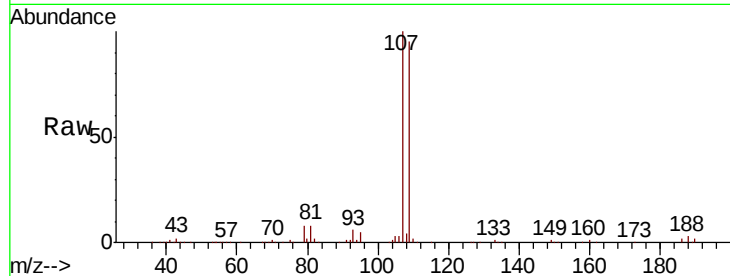


Time-->



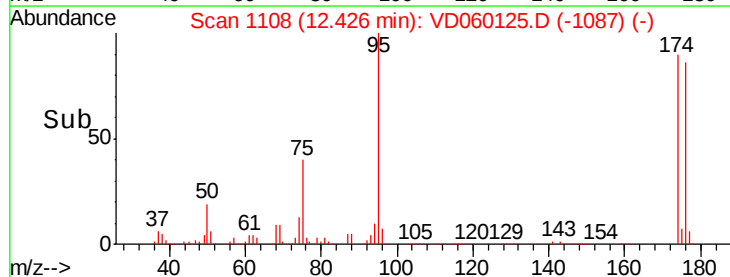
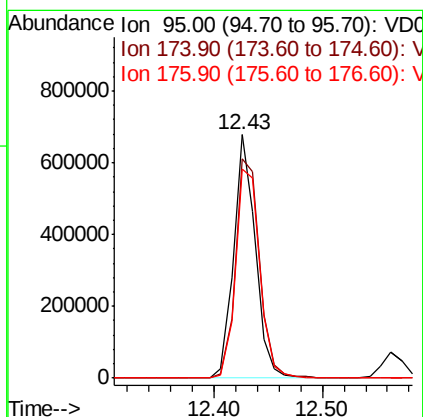
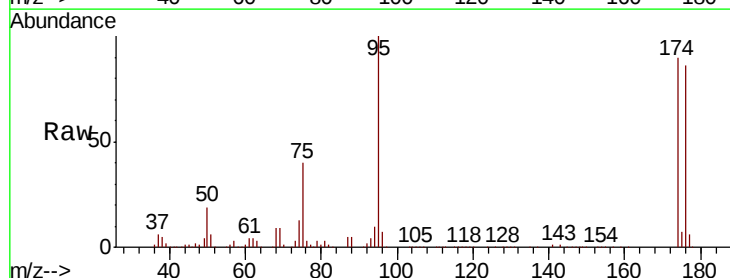
#61
 1,2-Dibromoethane
 Concen: 52.961 ug/l
 RT: 10.76 min Scan# 939
 Delta R.T. 0.02 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

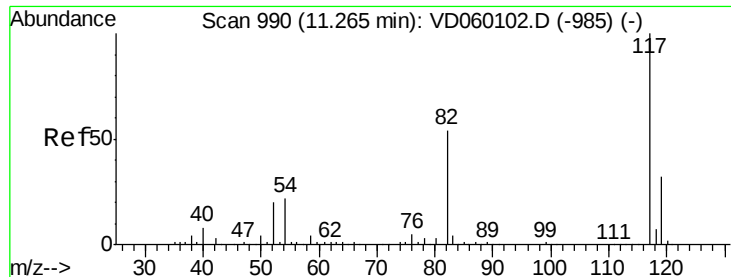
Tot Ion: 107 Resp: 691842
 Ion Ratio Lower Upper
 107 100
 109 95.2 77.1 115.7



#62
 4-Bromofluorobenzene
 Concen: 52.961 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

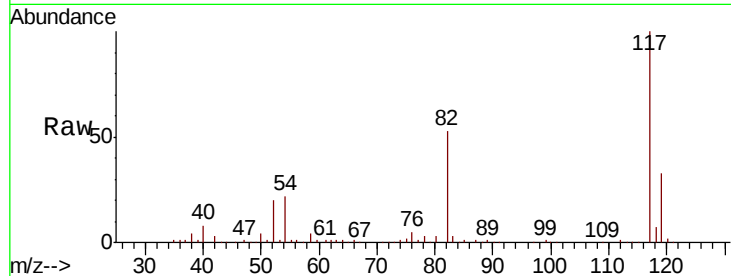
Tgt Ion: 95 Resp: 948876
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 200.2
 176 85.9 0.0 195.6



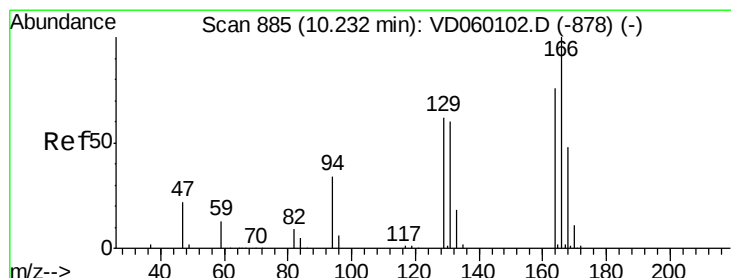
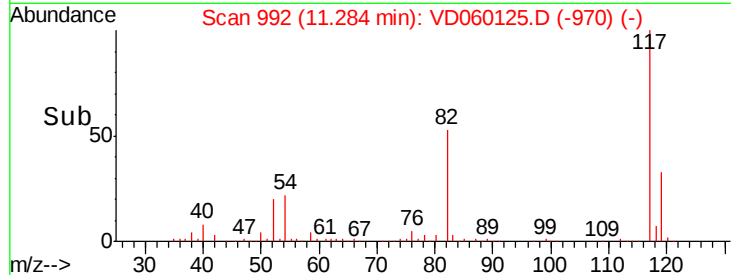
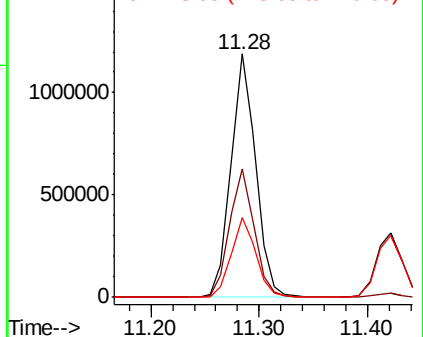


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tot Ion:117 Resp: 1899073
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.2
119 32.6 26.0 39.0

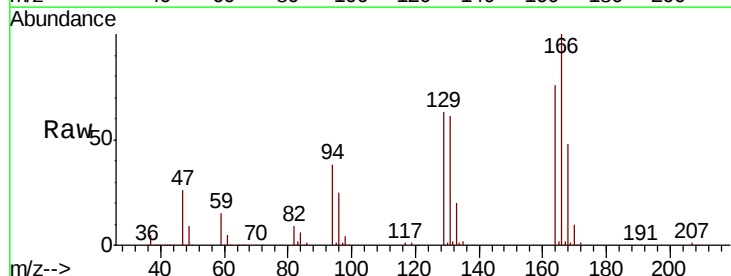


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

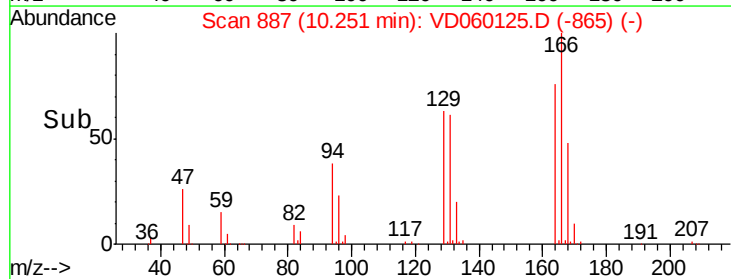
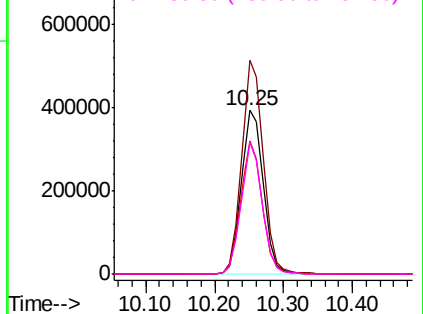


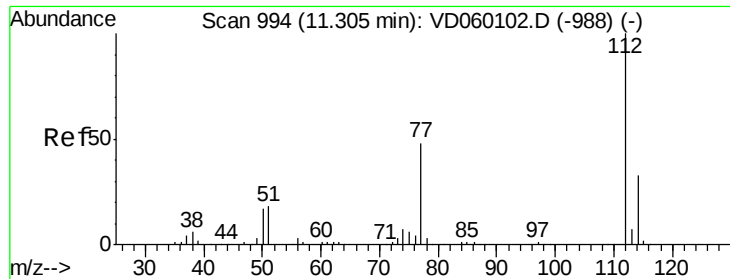
#64
Tetrachloroethene
Concen: 52.152 ug/l
RT: 10.25 min Scan# 887
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion:164 Resp: 867459
Ion Ratio Lower Upper
164 100
166 130.7 105.4 158.0
129 81.8 65.7 98.5
131 80.4 62.9 94.3



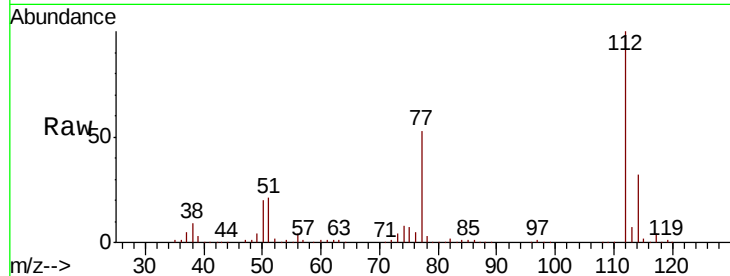
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



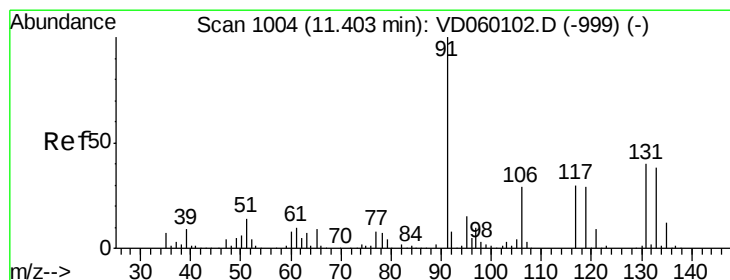
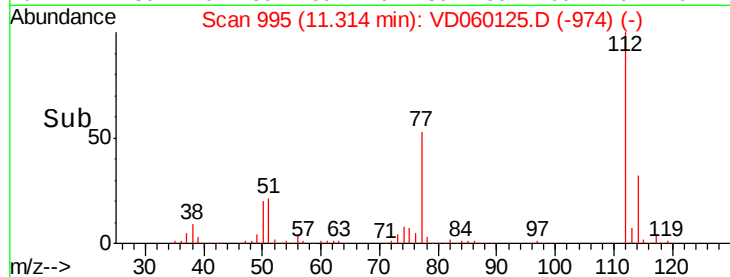
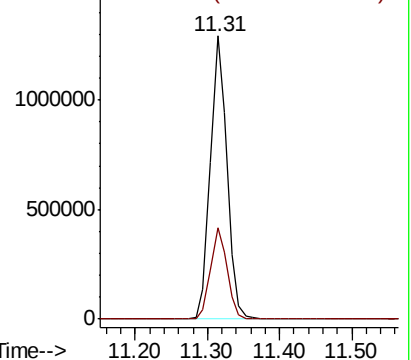


#65
Chlorobenzene
Concen: 50.177 ug/l
RT: 11.31 min Scan# 995
Delta R.T. 0.01 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tot Ion:112 Resp: 2061479
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

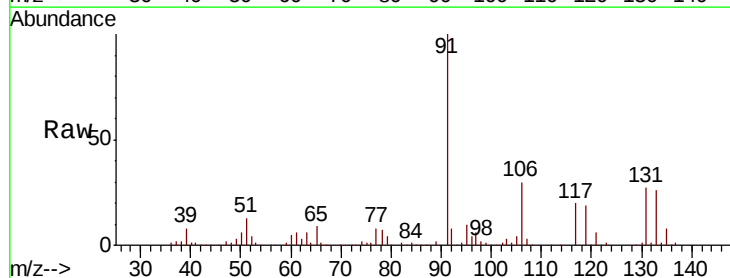


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

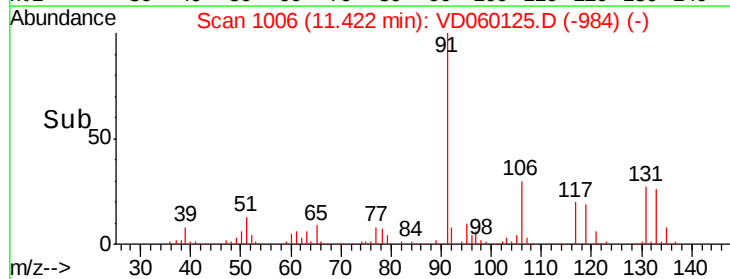
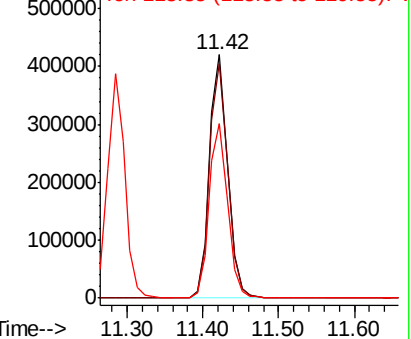


#66
1,1,1,2-Tetrachloroethane
Concen: 51.503 ug/l
RT: 11.42 min Scan# 1006
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion:131 Resp: 705875
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.3
119 71.5 36.1 108.3



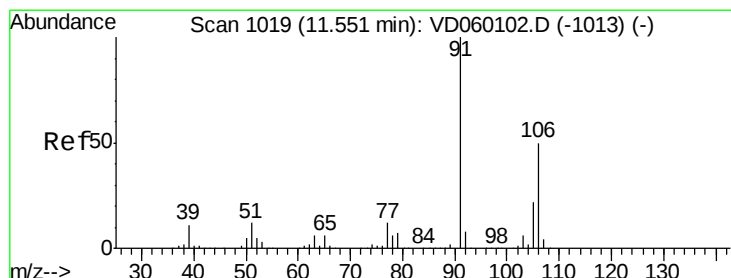
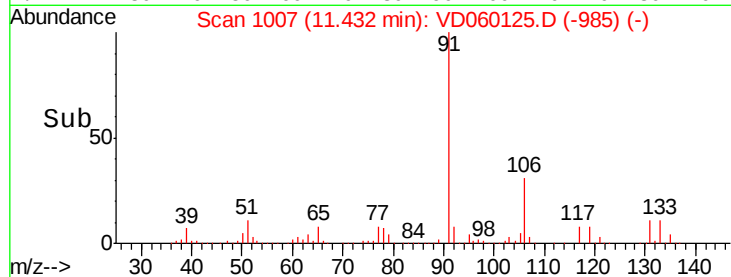
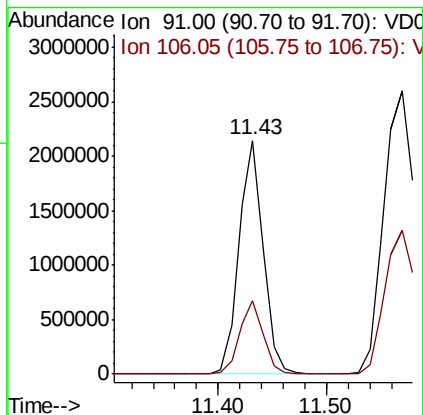
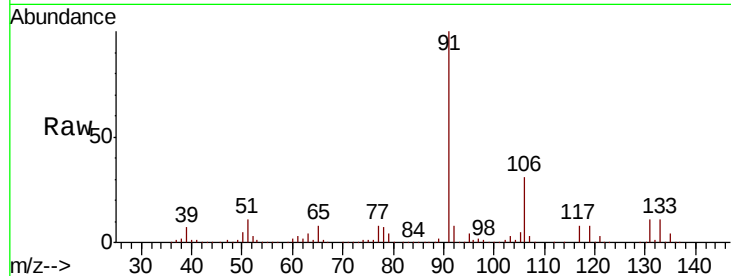
Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V





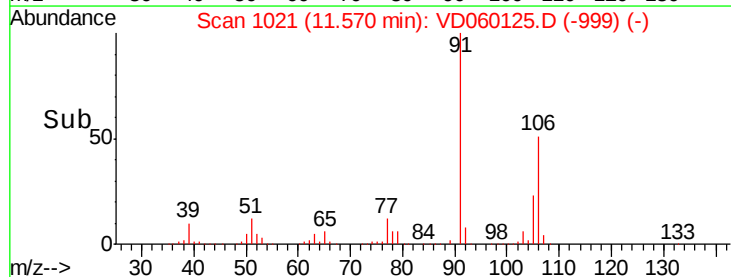
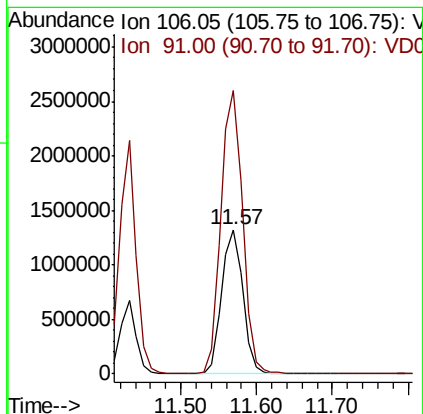
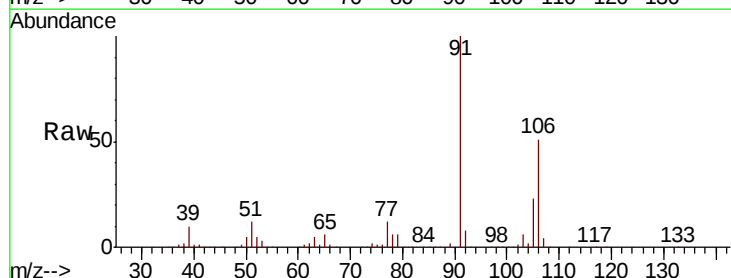
#67
Ethyl Benzene
Concen: 49.930 ug/l
RT: 11.43 min Scan# 1007
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tot Ion: 91 Resp: 3323528
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6



#68
m/p-Xylenes
Concen: 103.774 ug/l
RT: 11.57 min Scan# 1021
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

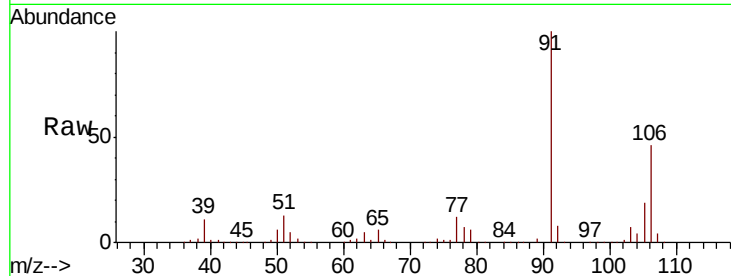
Tgt Ion: 106 Resp: 2580905
Ion Ratio Lower Upper
106 100
91 196.5 160.0 240.0



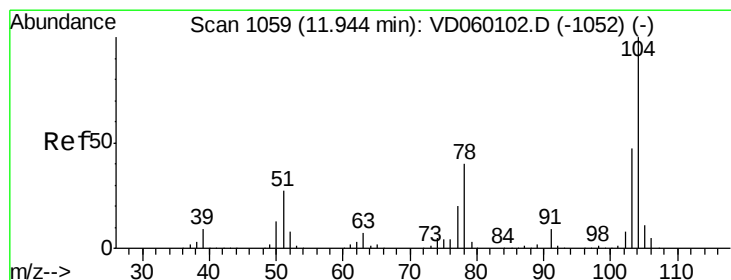
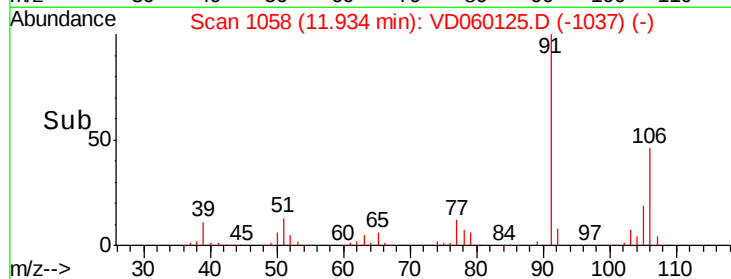
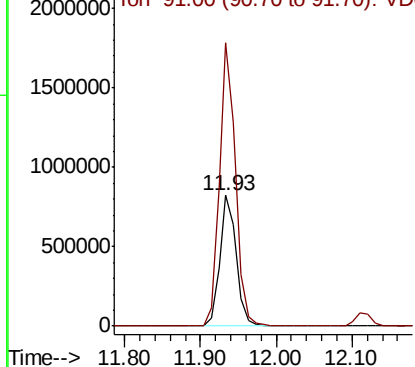


#69
o-Xylene
Concen: 50.699 ug/l
RT: 11.93 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tot Ion:106 Resp: 1247210
Ion Ratio Lower Upper
106 100
91 216.9 102.5 307.5

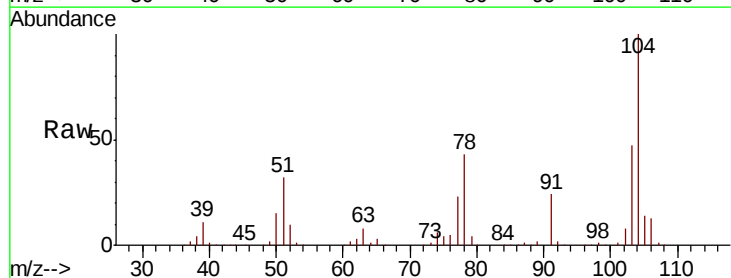


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

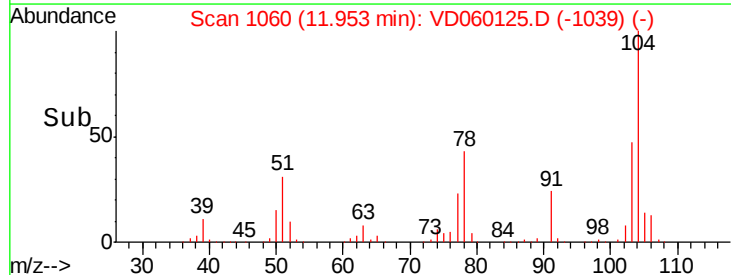
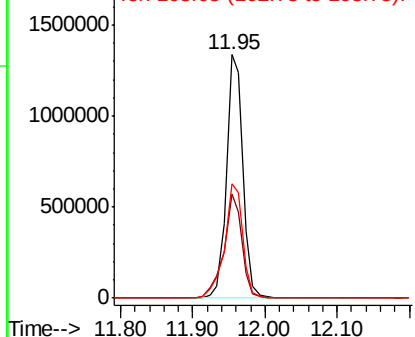


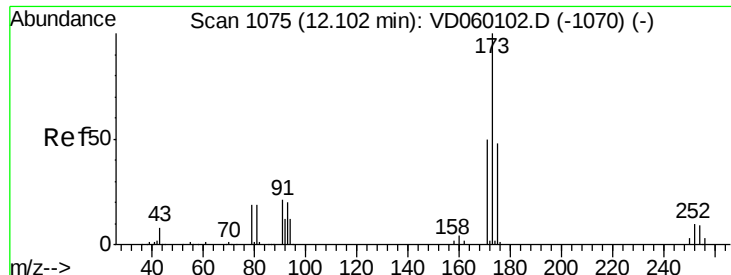
#70
Styrene
Concen: 51.020 ug/l
RT: 11.95 min Scan# 1060
Delta R.T. 0.01 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion:104 Resp: 2098908
Ion Ratio Lower Upper
104 100
78 42.8 32.2 48.4
103 47.2 37.4 56.0



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 55.129 ug/l

RT: 12.12 min Scan# 1077

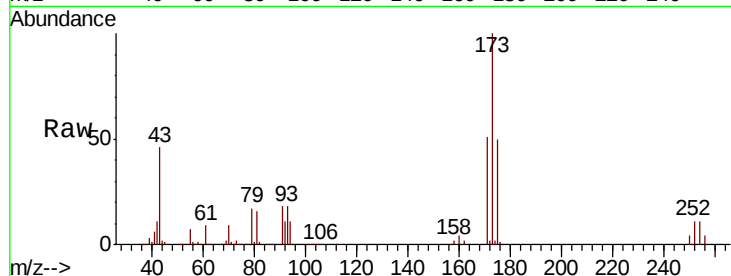
Delta R.T. 0.02 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

Tot Ion:173 Resp: 611828

Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.1	72.4
254	10.7	7.4	11.0

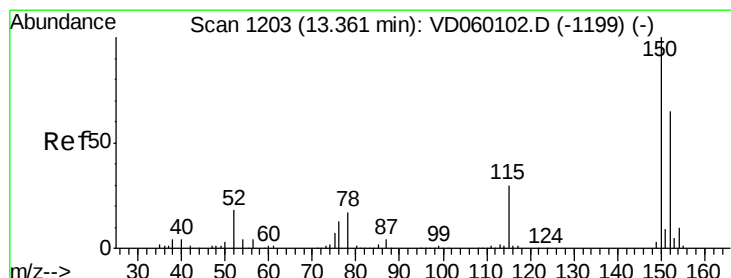
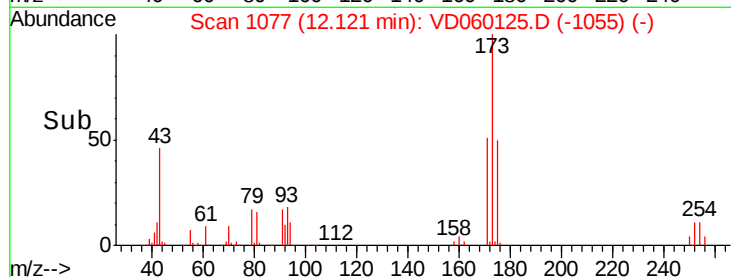
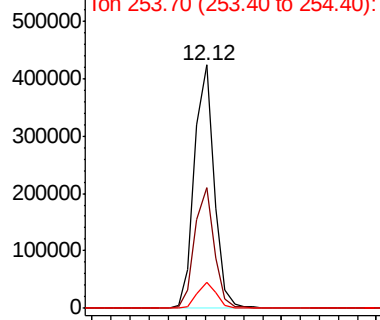


Abundance

Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1204

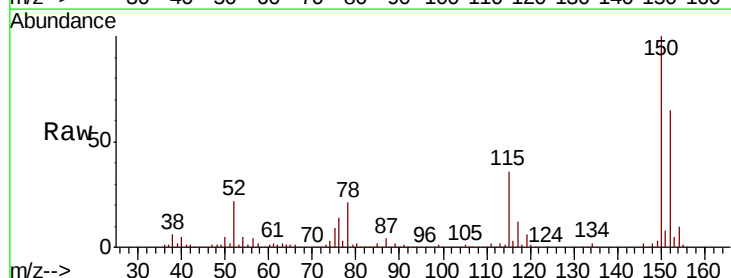
Delta R.T. 0.01 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

Tgt Ion:152 Resp: 975358

Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.1	81.2
150	154.5	0.0	311.8

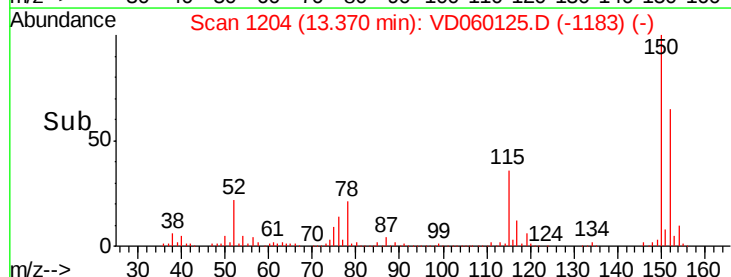
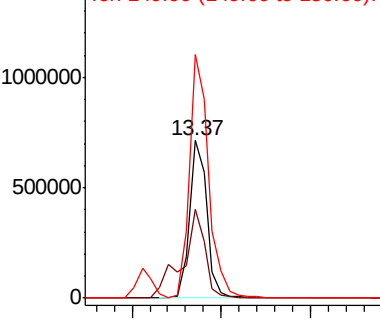


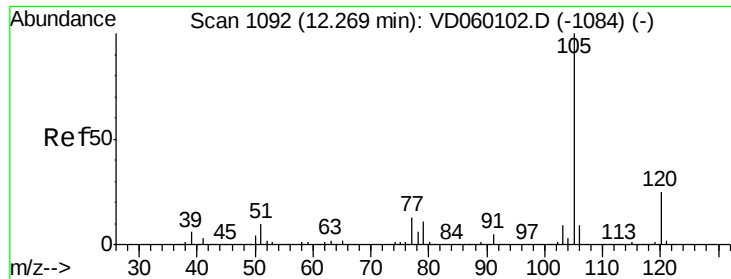
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.376 ug/l

RT: 12.28 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VD060125.D

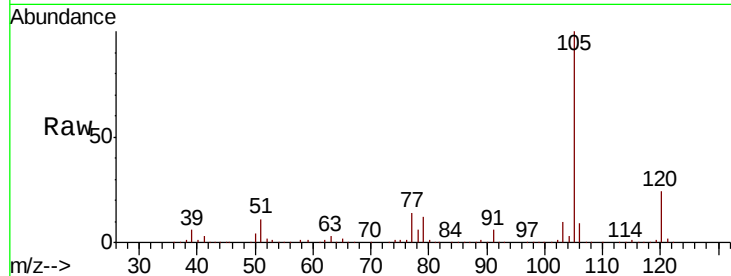
Acq: 4 Oct 2018 11:17

Tot Ion:105 Resp: 3370180

Ion Ratio Lower Upper

105 100

120 24.4 12.6 37.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

2500000

2000000

1500000

1000000

500000

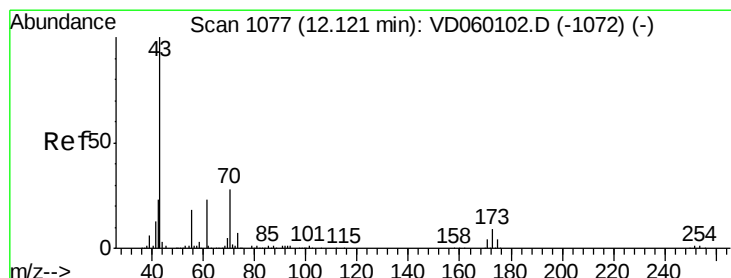
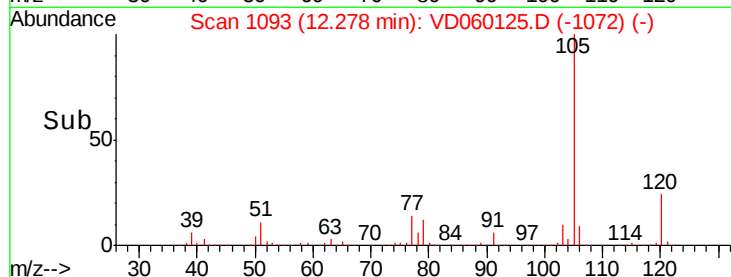
0

12.28

12.30

12.40

Time-->



#74

N-ethyl acetate

Concen: 56.053 ug/l

RT: 12.14 min Scan# 1079

Delta R.T. 0.02 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

Tgt Ion: 43 Resp: 1321142

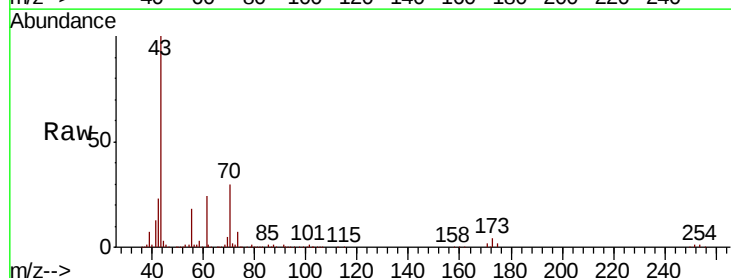
Ion Ratio Lower Upper

43 100

70 30.0 22.1 33.1

55 17.6 14.1 21.1

61 24.1 18.4 27.6



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

1200000

1000000

800000

600000

400000

200000

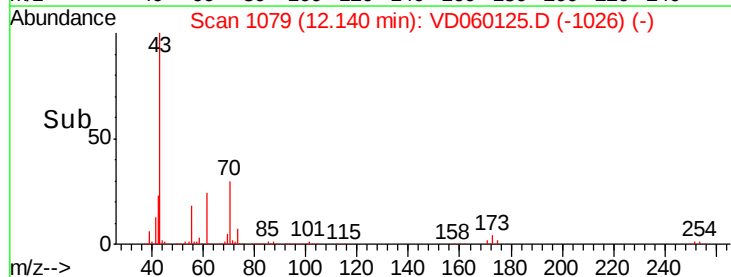
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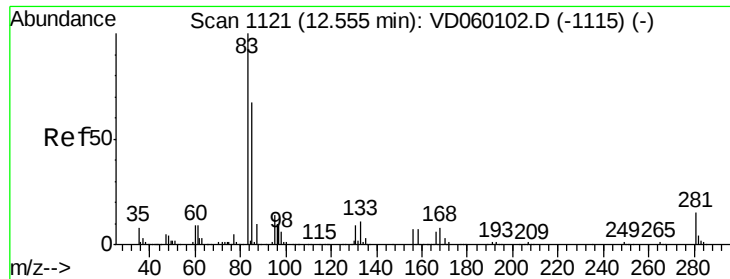
12.14

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.498 ug/l

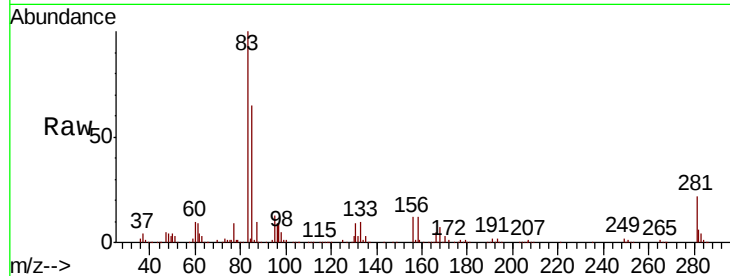
RT: 12.56 min Scan# 1122

Delta R.T. 0.01 min

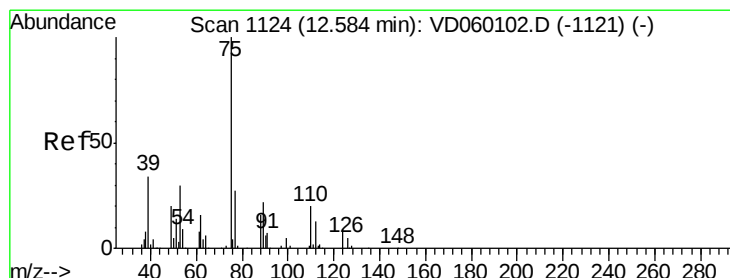
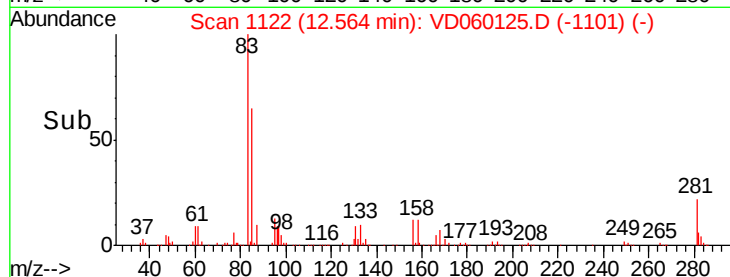
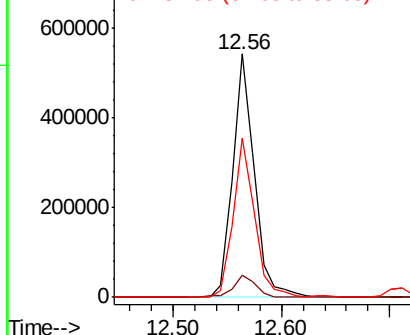
Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

Tot Ion:	83	Resp:	751531
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.5	13.4
85	65.3	33.3	99.9



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 130.90 (130.60 to 131.60): VDC
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 54.572 ug/l

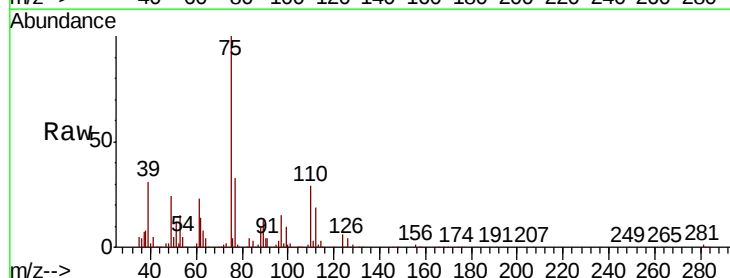
RT: 12.60 min Scan# 1126

Delta R.T. 0.02 min

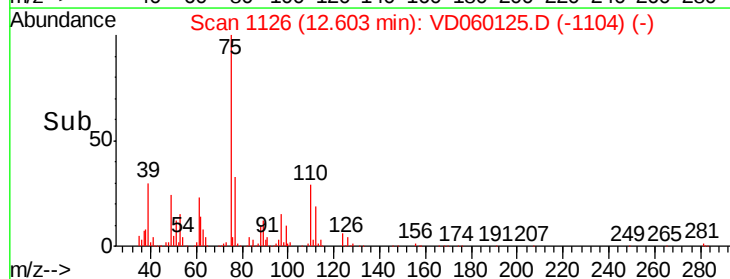
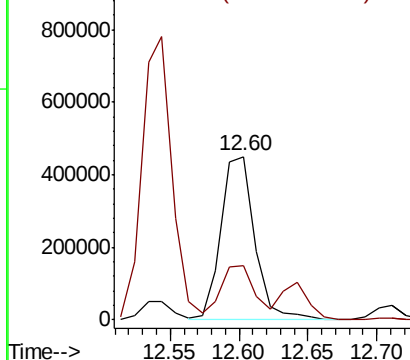
Lab File: VD060125.D

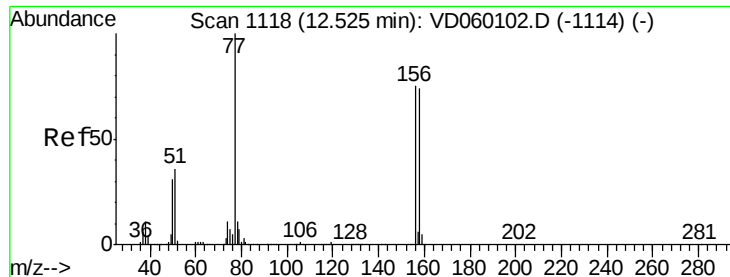
Acq: 4 Oct 2018 11:17

Tgt Ion:	75	Resp:	766537
Ion	Ratio	Lower	Upper
75	100		
77	33.3	16.3	48.9



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 53.378 ug/l

RT: 12.54 min Scan# 1120

Delta R.T. 0.02 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

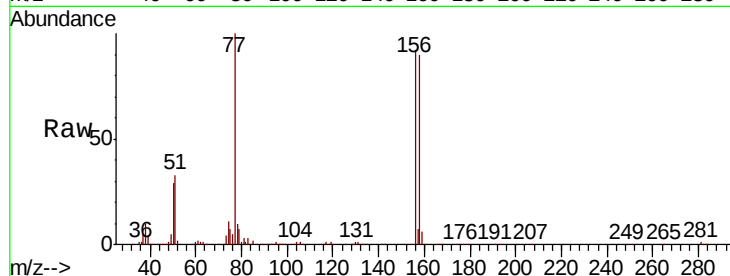
Tot Ion:156 Resp: 998099

Ion Ratio Lower Upper

156 100

77 108.2 66.9 200.7

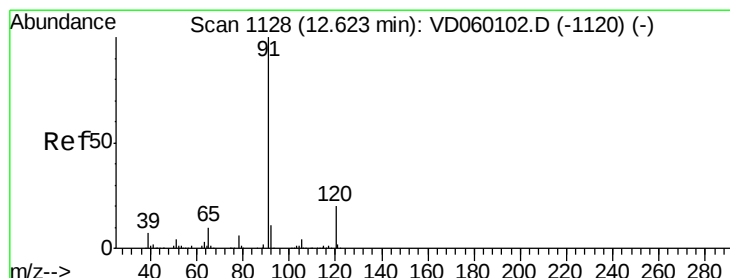
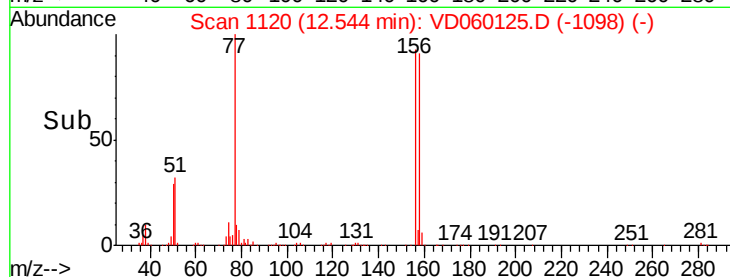
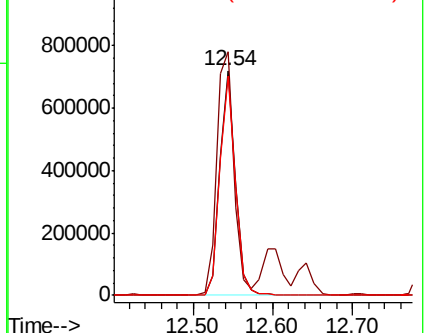
158 97.6 49.1 147.4



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 52.288 ug/l

RT: 12.64 min Scan# 1130

Delta R.T. 0.02 min

Lab File: VD060125.D

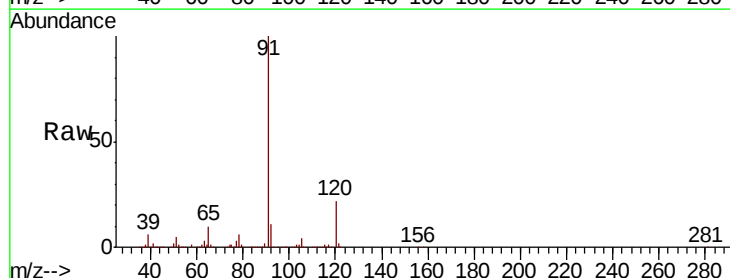
Acq: 4 Oct 2018 11:17

Tgt Ion: 91 Resp: 4177777

Ion Ratio Lower Upper

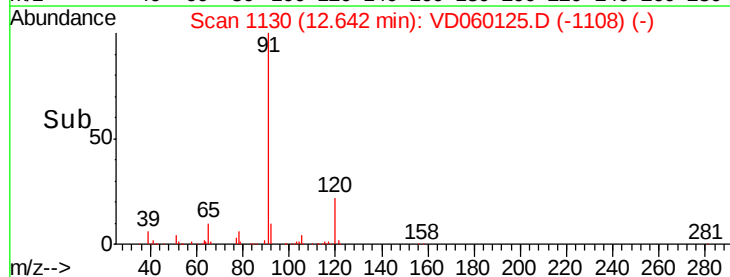
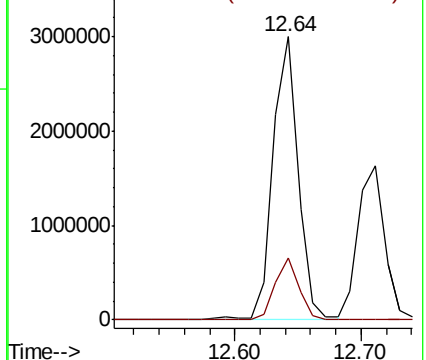
91 100

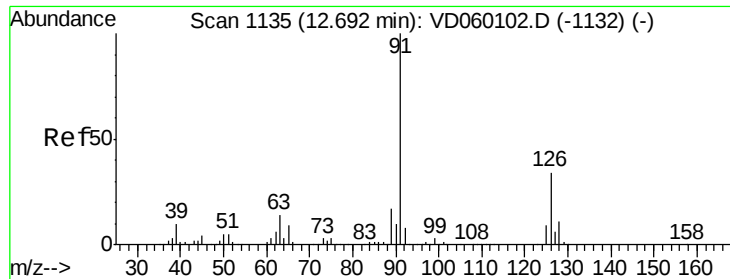
120 21.8 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): V

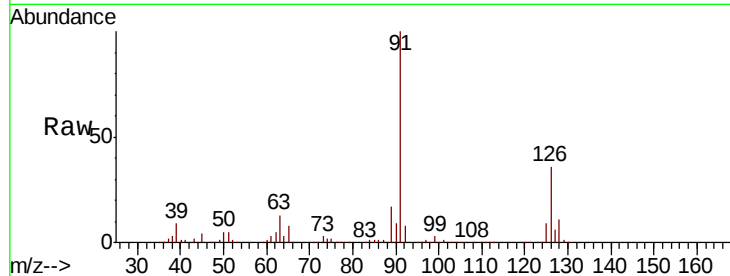
Ion 120.05 (119.75 to 120.75): V



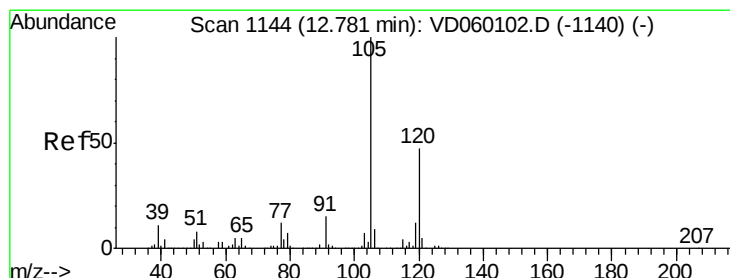
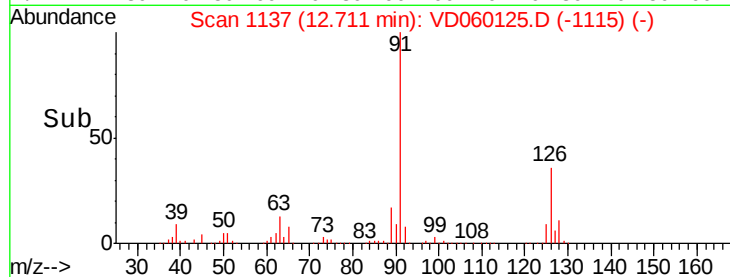
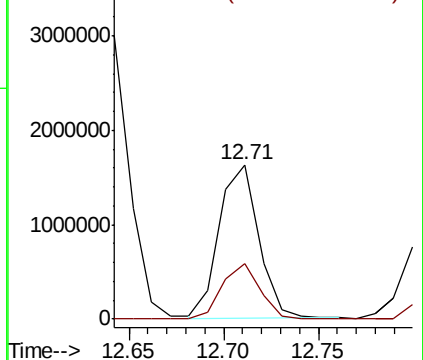


#79
2-Chlorotoluene
Concen: 52.843 ug/l
RT: 12.71 min Scan# 1137
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tot Ion: 91 Resp: 2343305
Ion Ratio Lower Upper
91 100
126 36.2 16.8 50.3

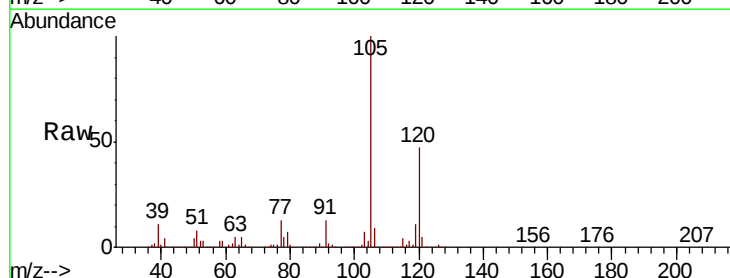


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.95 (125.65 to 126.65): V

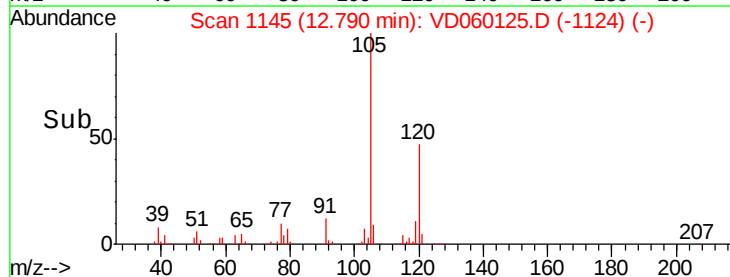
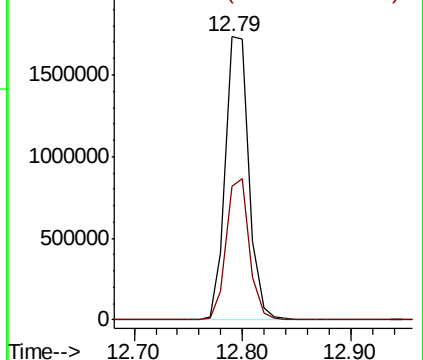


#80
1,3,5-Trimethylbenzene
Concen: 52.883 ug/l
RT: 12.79 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion:105 Resp: 2633642
Ion Ratio Lower Upper
105 100
120 47.1 23.7 71.1



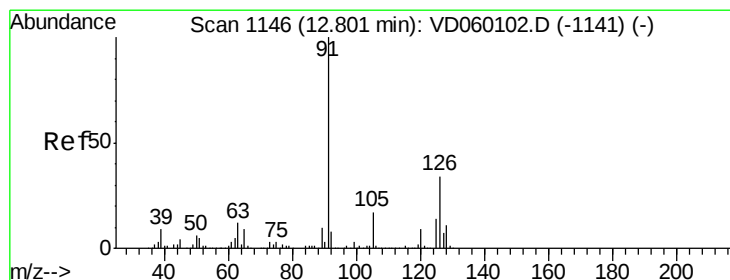
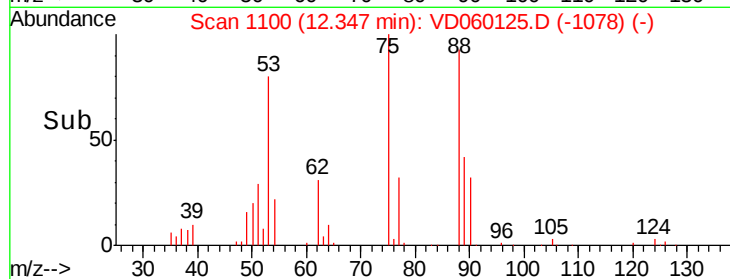
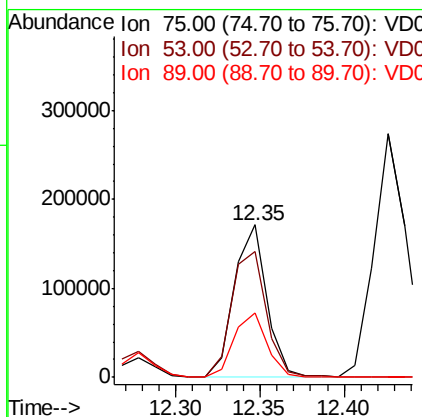
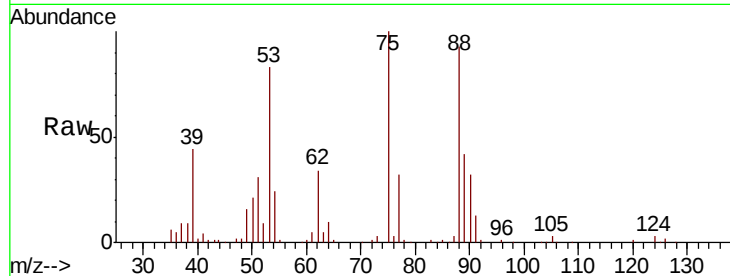
Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V





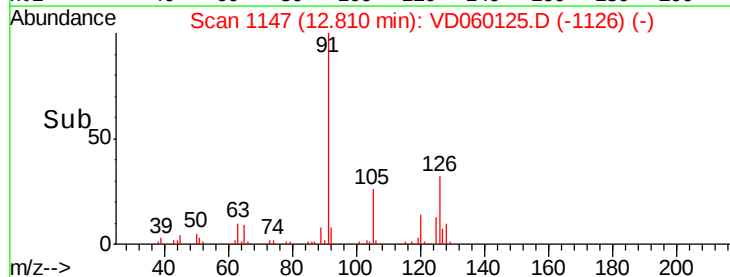
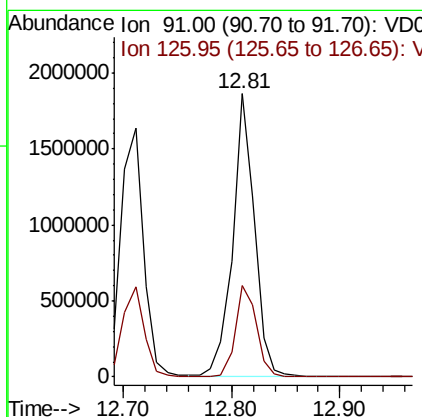
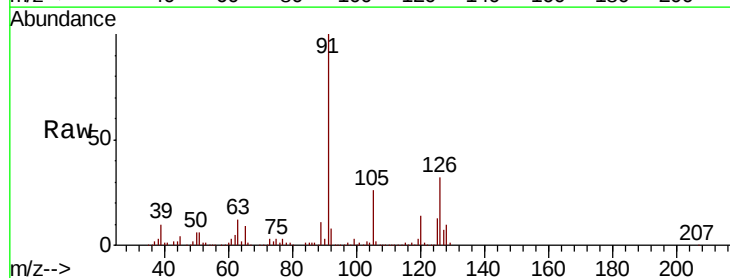
#81
trans-1,4-Dichloro-2-butene
Concen: 58.105 ug/l
RT: 12.35 min Scan# 1100
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

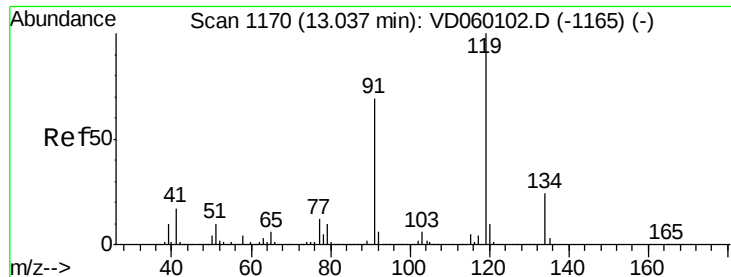
Tot Ion	Ratio	Lower	Upper
75	100		
53	82.9	73.0	109.6
89	42.1	32.0	48.0



#82
4-Chlorotoluene
Concen: 51.722 ug/l
RT: 12.81 min Scan# 1147
Delta R.T. 0.01 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

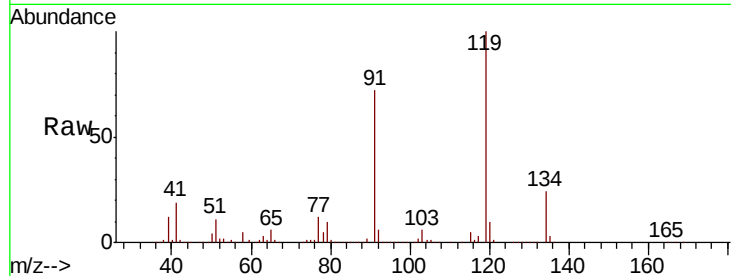
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	17.1	51.2



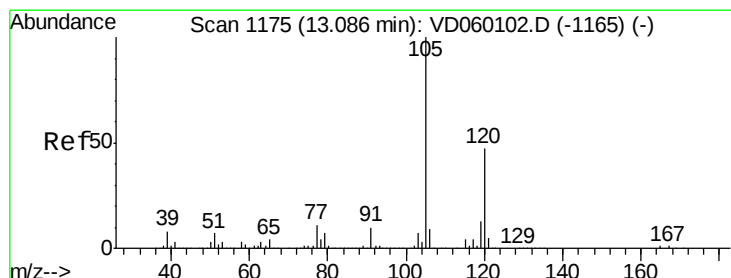
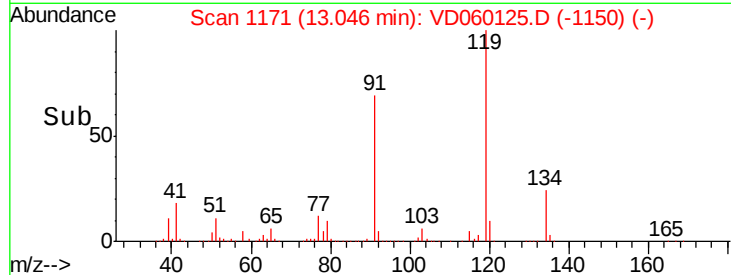
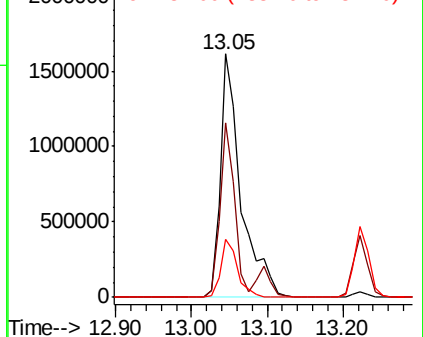


#83
tert-Butylbenzene
Concen: 53.742 ug/l
RT: 13.05 min Scan# 1171
Delta R.T. 0.01 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tot Ion:119 Resp: 3071297
Ion Ratio Lower Upper
119 100
91 71.8 34.8 104.4
134 24.0 11.8 35.4

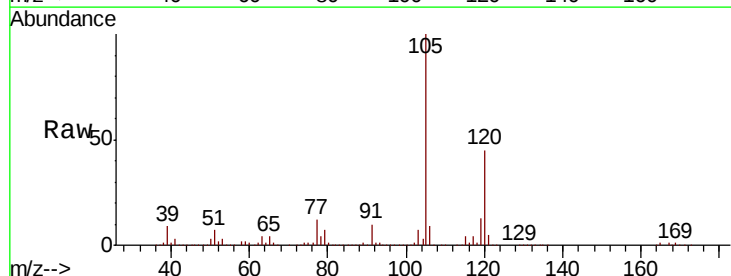


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

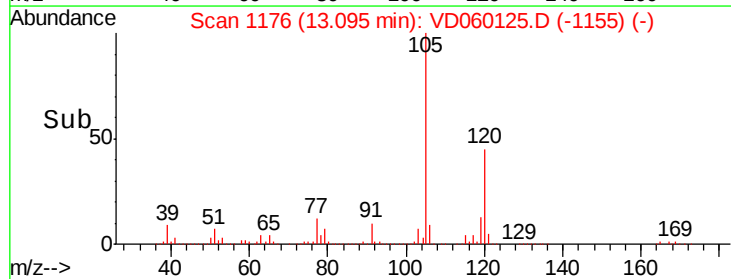
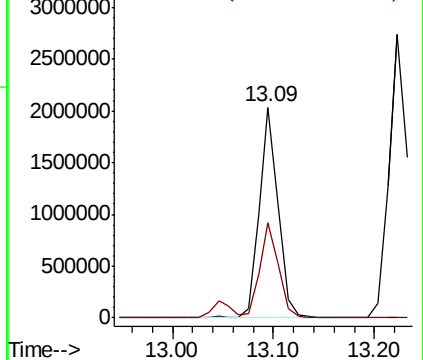


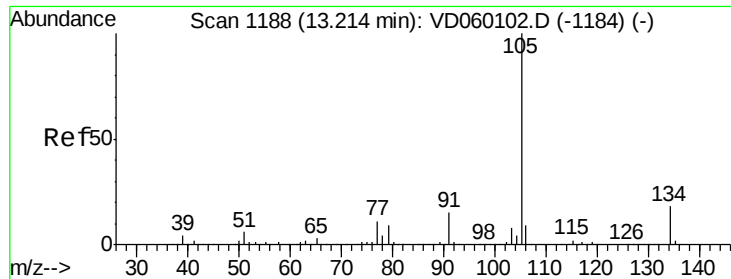
#84
1,2,4-Trimethylbenzene
Concen: 50.331 ug/l
RT: 13.09 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion:105 Resp: 2641736
Ion Ratio Lower Upper
105 100
120 45.4 23.4 70.0



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 52.859 ug/l

RT: 13.22 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD060125.D

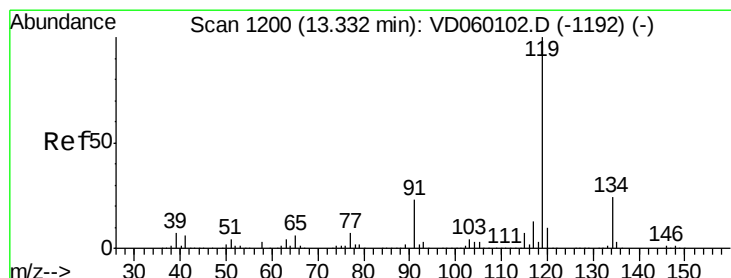
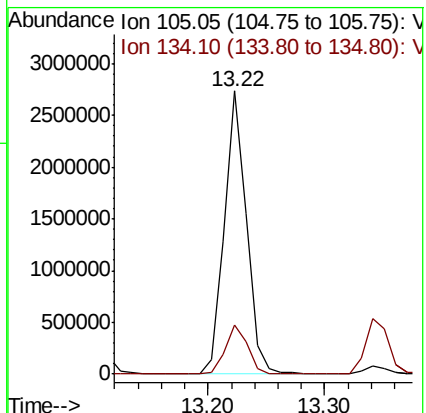
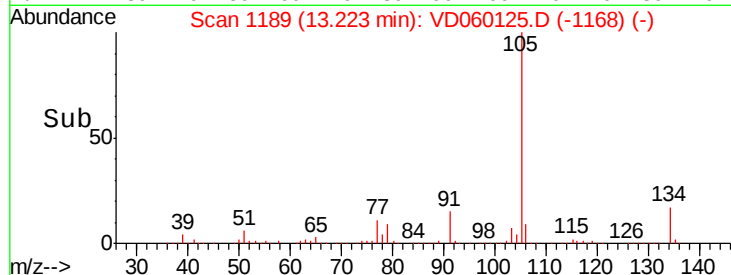
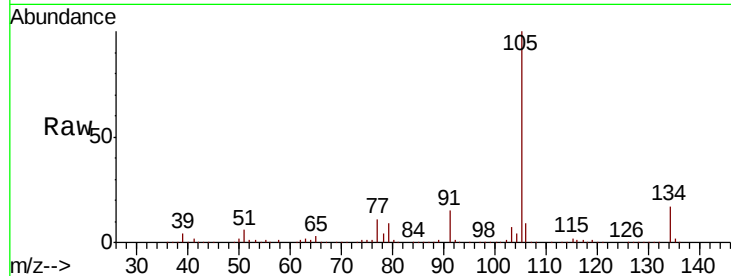
Acq: 4 Oct 2018 11:17

Tot Ion:105 Resp: 3571775

Ion Ratio Lower Upper

105 100

134 17.3 8.8 26.2



#86

p-Isopropyltoluene

Concen: 53.198 ug/l

RT: 13.34 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

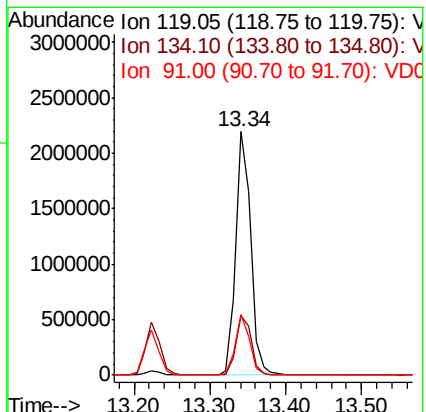
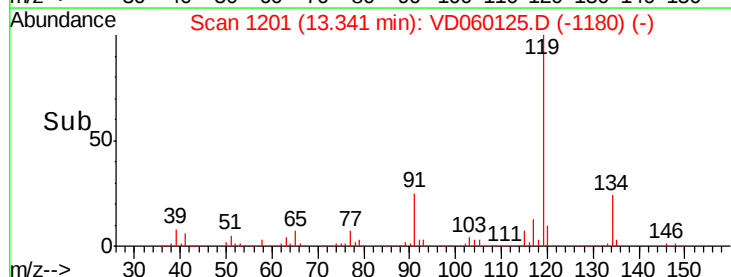
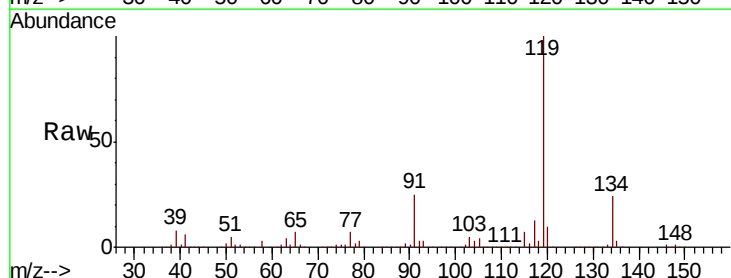
Tgt Ion:119 Resp: 2948392

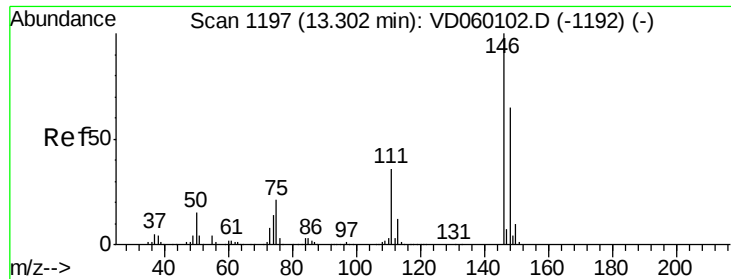
Ion Ratio Lower Upper

119 100

134 24.3 12.3 36.8

91 24.8 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 52.358 ug/l

RT: 13.31 min Scan# 1198

Delta R.T. 0.01 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

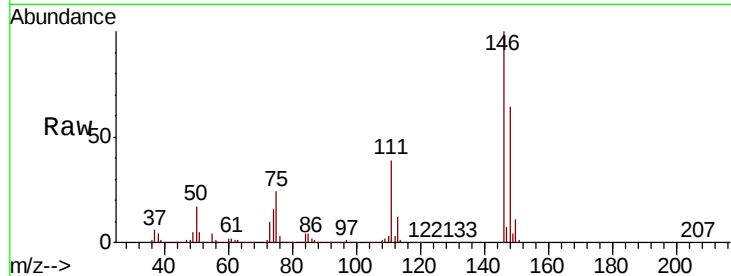
Tot Ion:146 Resp: 1705701

Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.3
148	64.2	32.3	96.9

146 100

111 38.6 18.1 54.3

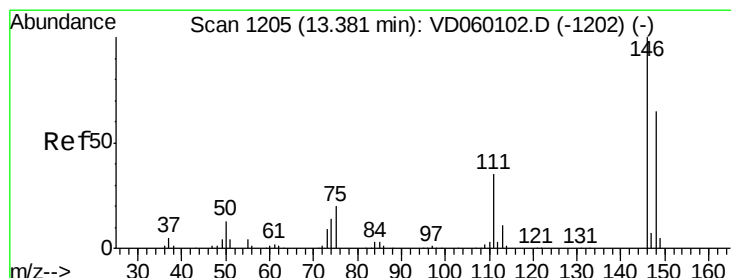
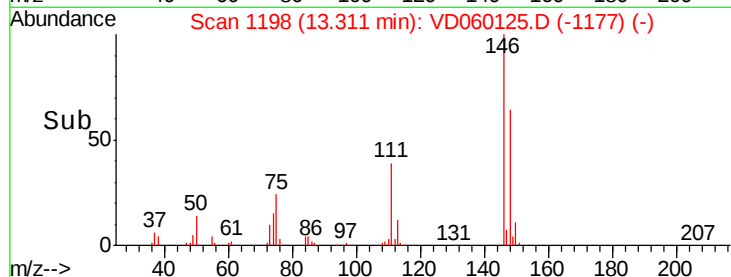
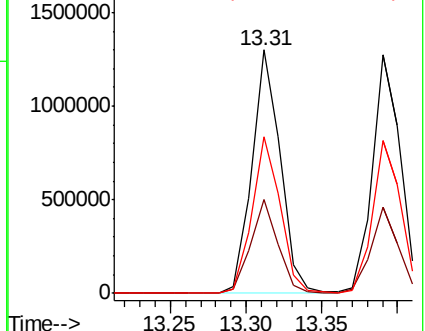
148 64.2 32.3 96.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.438 ug/l

RT: 13.39 min Scan# 1206

Delta R.T. 0.01 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

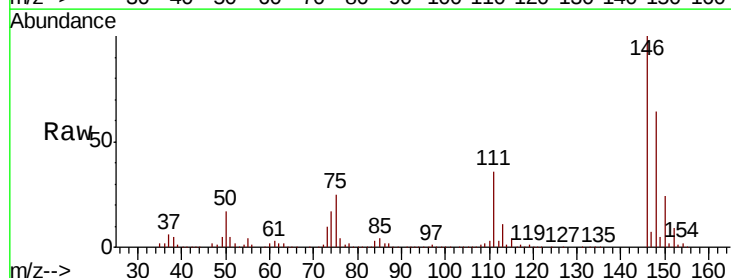
Tgt Ion:146 Resp: 1683197

Ion	Ratio	Lower	Upper
146	100		
111	36.2	17.8	53.3
148	63.7	32.4	97.2

146 100

111 36.2 17.8 53.3

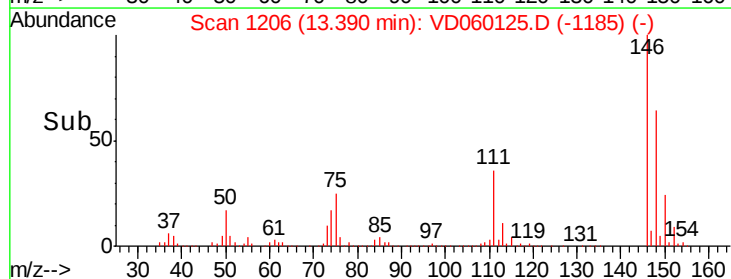
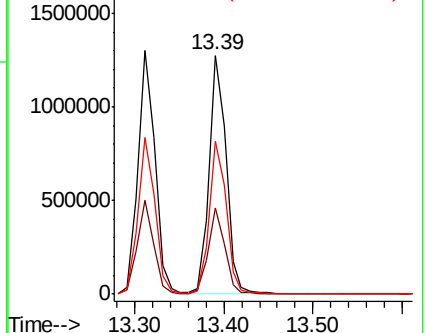
148 63.7 32.4 97.2

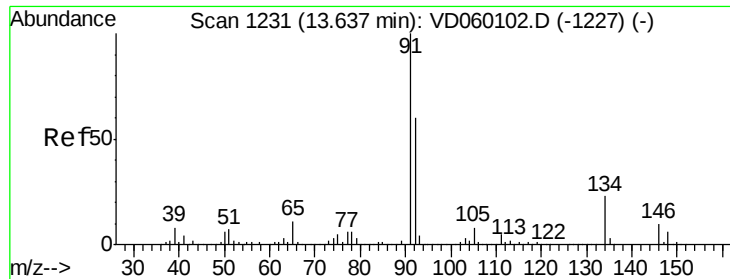


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

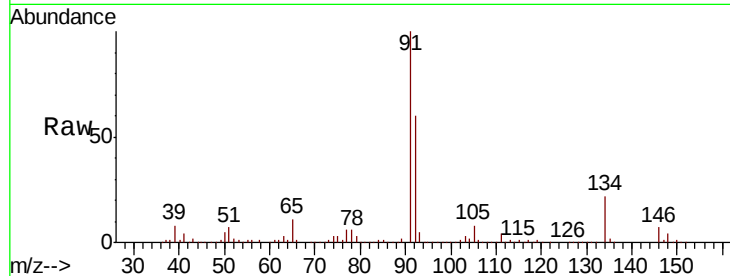
Ion 147.90 (147.60 to 148.60): V



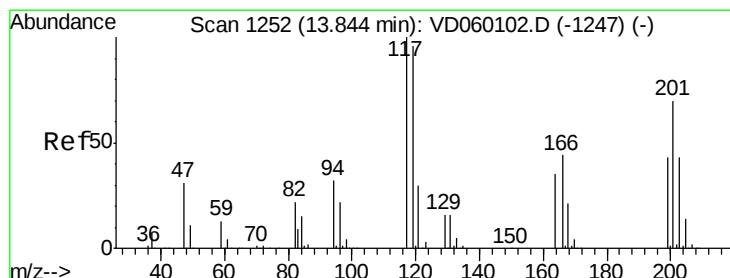
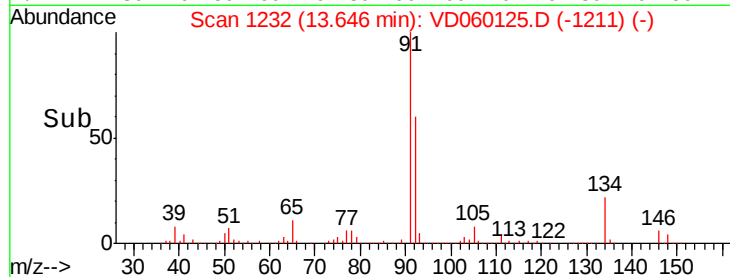
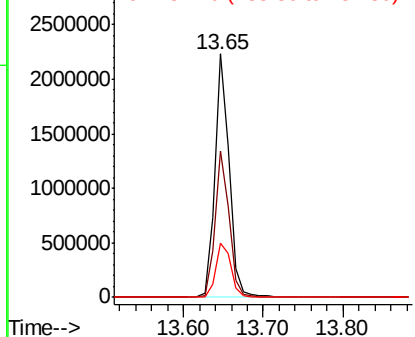


#89
n-Butylbenzene
Concen: 52.247 ug/l
RT: 13.65 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tot Ion: 91 Resp: 2825425
Ion Ratio Lower Upper
91 100
92 60.2 30.1 90.3
134 22.5 11.6 34.7

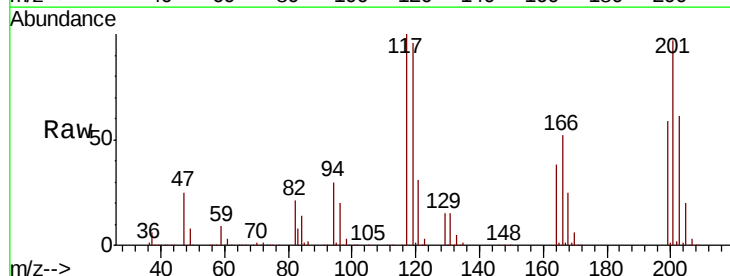


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.10 (133.80 to 134.80): V

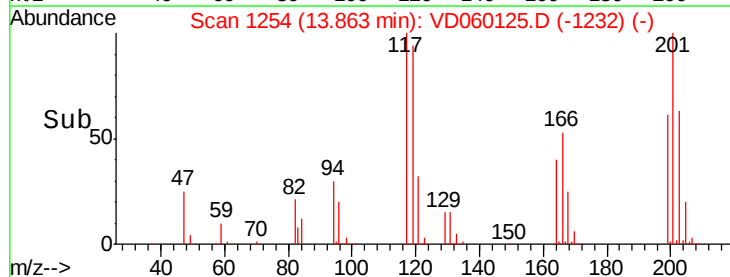
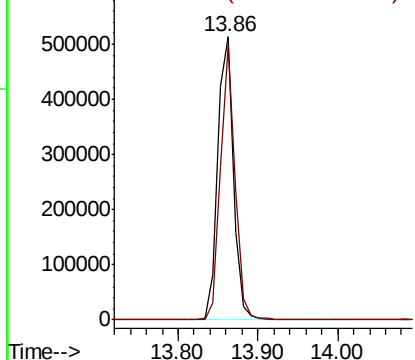


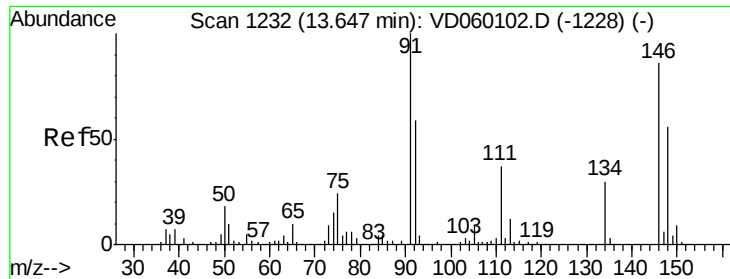
#90
Hexachloroethane
Concen: 56.555 ug/l
RT: 13.86 min Scan# 1254
Delta R.T. 0.02 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion: 117 Resp: 725407
Ion Ratio Lower Upper
117 100
201 96.7 34.8 104.5



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V





#91

1,2-Dichlorobenzene

Concen: 51.229 ug/l

RT: 13.67 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

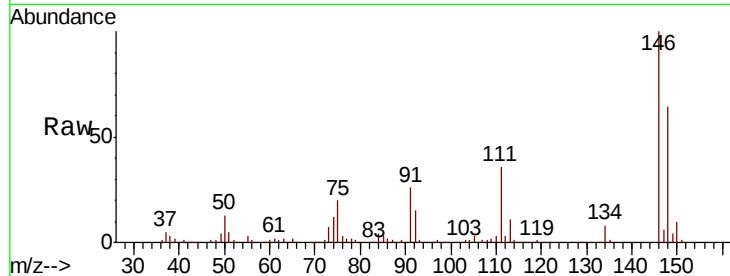
Tot Ion:146 Resp: 1403279

Ion Ratio Lower Upper

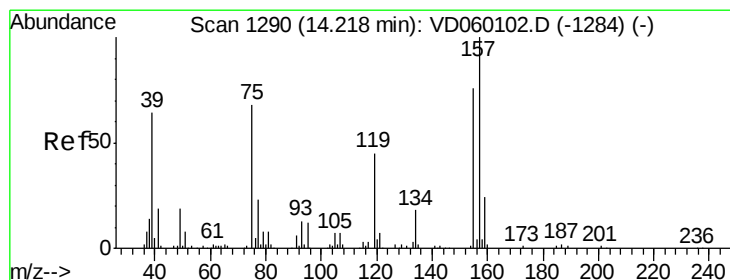
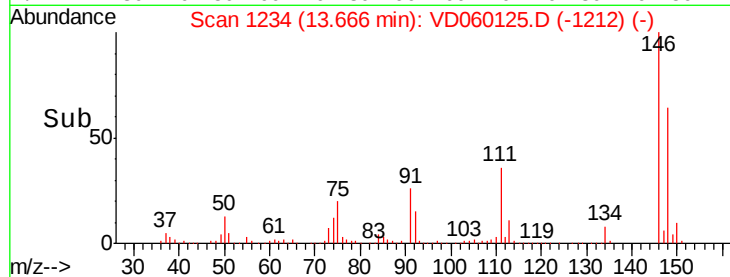
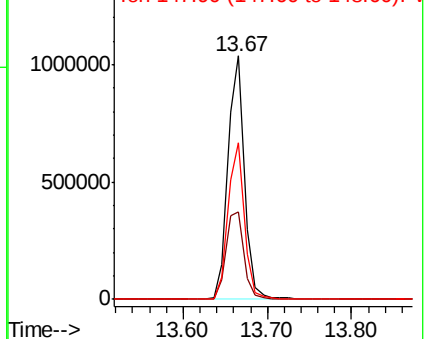
146 100

111 35.7 21.4 64.3

148 64.3 32.2 96.6



Abundance Ion 145.95 (145.65 to 146.65): 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: 57.390 ug/l

RT: 14.23 min Scan# 1291

Delta R.T. 0.01 min

Lab File: VD060125.D

Acq: 4 Oct 2018 11:17

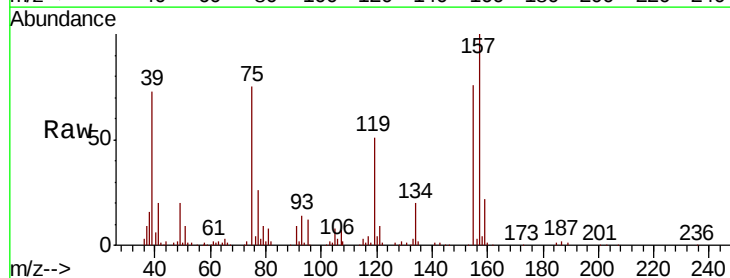
Tgt Ion: 75 Resp: 107644

Ion Ratio Lower Upper

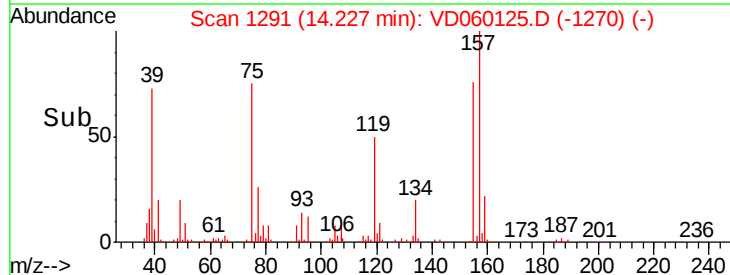
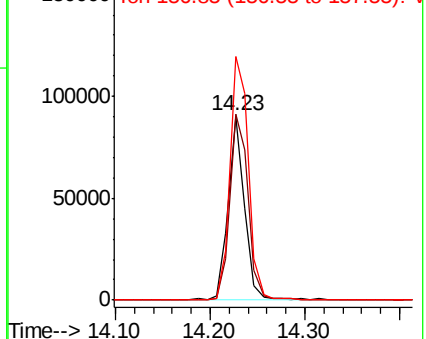
75 100

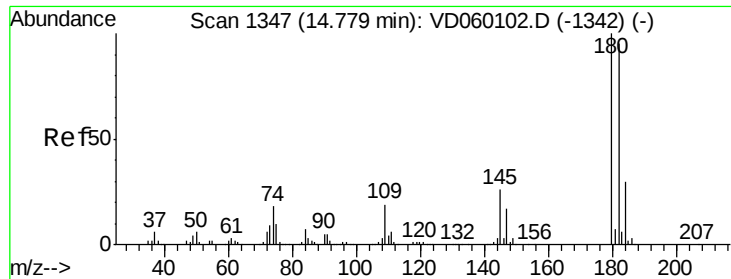
155 101.3 55.9 167.7

157 132.6 73.3 219.8



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 154.90 (154.60 to 155.60): V
Ion 156.85 (156.55 to 157.55): V

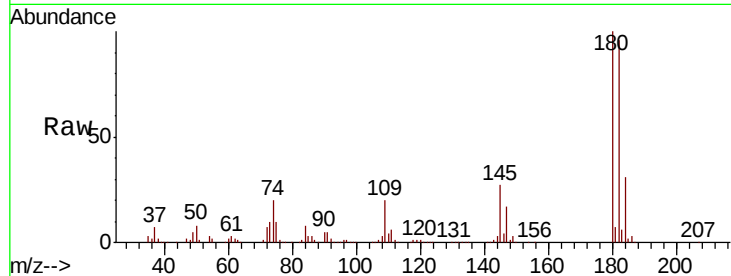




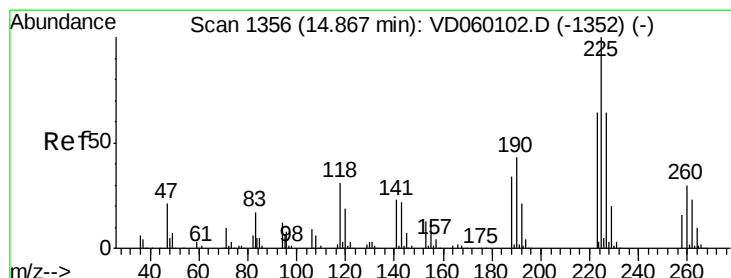
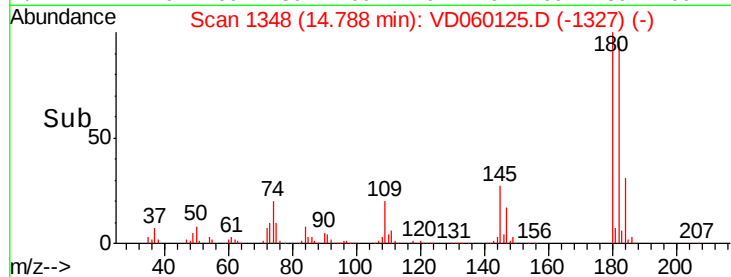
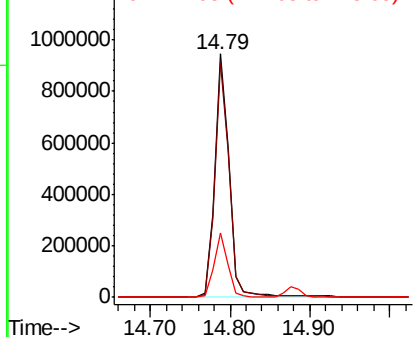
#93
 1,2,4-Trichlorobenzene
 Concen: 52.190 ug/l
 RT: 14.79 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

Tot Ion:180 Resp: 1213438

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	141.8
145	26.7	13.0	38.9



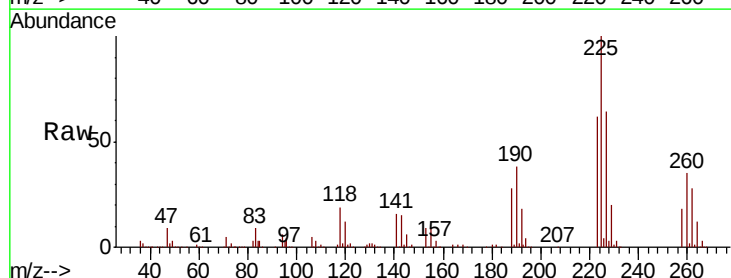
Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V



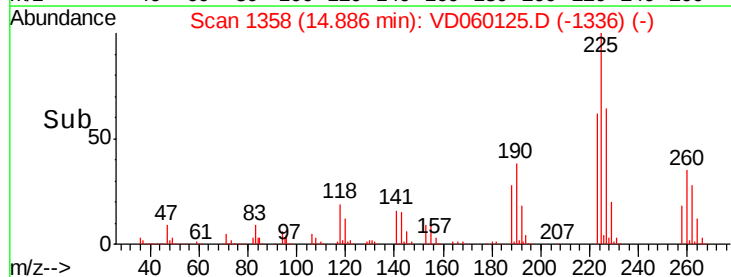
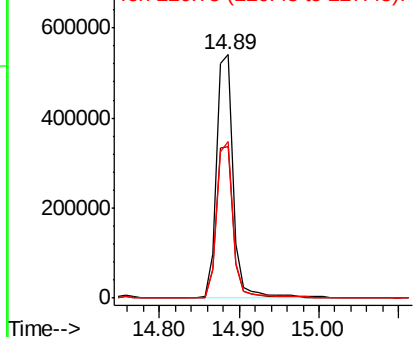
#94
 Hexachlorobutadiene
 Concen: 52.677 ug/l
 RT: 14.89 min Scan# 1358
 Delta R.T. 0.02 min
 Lab File: VD060125.D
 Acq: 4 Oct 2018 11:17

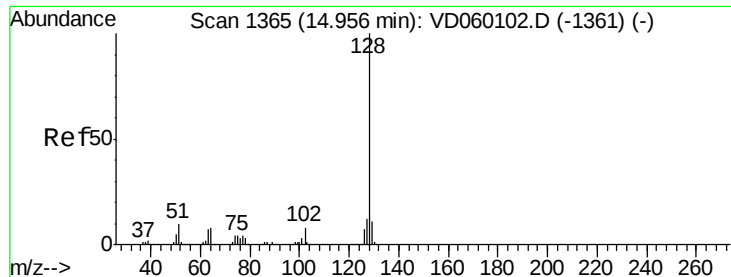
Tgt Ion:225 Resp: 814117

Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.8	95.4
227	64.3	32.0	96.0



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

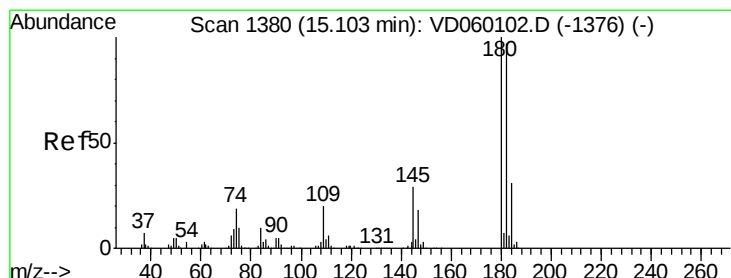
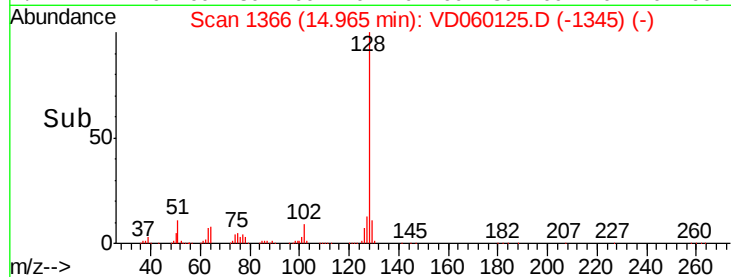
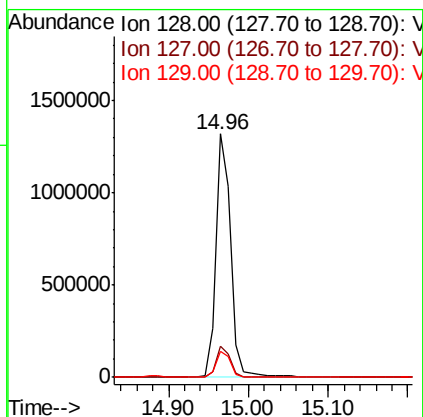
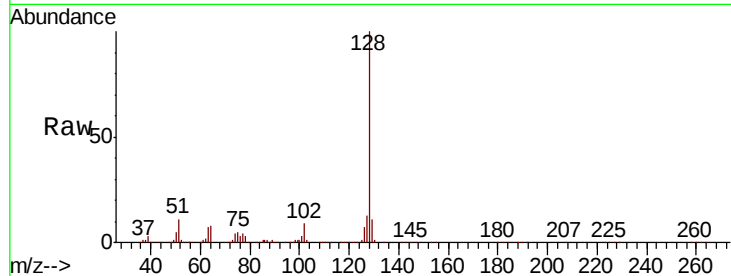




#95
Naphthalene
Concen: 50.045 ug/l
RT: 14.96 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tot Ion:128 Resp: 1724756

Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.9	14.9
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.874 ug/l
RT: 15.11 min Scan# 1381
Delta R.T. 0.01 min
Lab File: VD060125.D
Acq: 4 Oct 2018 11:17

Tgt Ion:180 Resp: 1028968

Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.4	145.0
145	28.5	14.5	43.6

