

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061038.D
 Acq On : 13 Mar 2019 13:23
 Operator : VA/AP
 Sample : VD0313SBS01
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 14 01:59:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	661006	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1138655	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	927194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	416085	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	278442	50.61	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	101.22%	
35) Dibromofluoromethane	6.91	113	435117	51.49	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	102.98%	
50) Toluene-d8	10.40	98	1085921	51.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	13.55	95	399305	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	132249	20.198	ug/l	100
3) Chloromethane	1.75	50	116499	21.359	ug/l	97
4) Vinyl Chloride	1.85	62	109730	21.772	ug/l	99
5) Bromomethane	2.15	94	17487	16.903	ug/l	90
6) Chloroethane	2.26	64	27892	18.489	ug/l #	83
7) Trichlorofluoromethane	2.52	101	157186	21.710	ug/l	97
8) Diethyl Ether	2.87	74	48321	20.231	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.14	101	166657	20.588	ug/l	96
10) Methyl Iodide	3.30	142	194986	19.399	ug/l	97
11) Tert butyl alcohol	4.05	59	35456	101.223	ug/l #	89
12) 1,1-Dichloroethene	3.12	96	137888	20.781	ug/l	94
13) Acrolein	3.03	56	43090	85.021	ug/l	96
14) Allyl chloride	3.61	41	211723	19.943	ug/l	98
15) Acrylonitrile	4.18	53	133070	107.489	ug/l	93
16) Acetone	3.20	43	162268	103.133	ug/l	99
17) Carbon Disulfide	3.37	76	455266	20.340	ug/l	99
18) Methyl Acetate	3.63	43	56313	18.187	ug/l	92
19) Methyl tert-butyl Ether	4.23	73	259847	22.346	ug/l	96
20) Methylene Chloride	3.80	84	162590	19.852	ug/l	94
21) trans-1,2-Dichloroethene	4.21	96	160136	22.298	ug/l	98
22) Diisopropyl ether	5.10	45	450414	20.438	ug/l	99
23) Vinyl Acetate	5.04	43	1216503	107.529	ug/l	100
24) 1,1-Dichloroethane	4.96	63	259842	21.519	ug/l	100
25) 2-Butanone	6.06	43	196538	110.084	ug/l	98
26) 2,2-Dichloropropane	6.02	77	206546	21.912	ug/l	100
27) cis-1,2-Dichloroethene	6.02	96	172136	22.591	ug/l	95
28) Bromochloromethane	6.42	49	100730	19.705	ug/l	99
29) Tetrahydrofuran	6.43	42	92615	95.534	ug/l	97
30) Chloroform	6.65	83	251827	20.123	ug/l	97
31) Cyclohexane	6.94	56	198884	20.427	ug/l	97
32) 1,1,1-Trichloroethane	6.85	97	228475	21.117	ug/l	98
36) 1,1-Dichloropropene	7.13	75	195196	19.887	ug/l	98
37) Ethyl Acetate	6.17	43	90716	19.696	ug/l	97
38) Carbon Tetrachloride	7.09	117	216129	19.991	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	204463	20.090	ug/l	98
40) Benzene	7.45	78	486080	19.819	ug/l	97
41) Methacrylonitrile	6.43	41	105604	19.934	ug/l	95
42) 1,2-Dichloroethane	7.56	62	144222	20.264	ug/l	100
43) Isopropyl Acetate	9.23	43	136344	21.373	ug/l #	99
44) Trichloroethene	8.53	130	173134	20.462	ug/l	98
45) 1,2-Dichloropropane	8.92	63	126370	19.613	ug/l	97
46) Dibromomethane	9.05	93	84081	20.572	ug/l	94
47) Bromodichloromethane	9.36	83	189672	20.565	ug/l	99
48) Methyl methacrylate	9.11	41	74422	20.720	ug/l	94
49) 1,4-Dioxane	9.06	88	16323	449.432	ug/l #	85
51) 4-Methyl-2-Pentanone	10.29	43	410774	105.108	ug/l	96
52) Toluene	10.50	92	335159	21.977	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	164597	19.517	ug/l	100
54) cis-1,3-Dichloropropene	10.02	75	201549	19.890	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	103629	20.404	ug/l	99
56) Ethyl methacrylate	11.03	69	103002	19.376	ug/l	95
57) 1,3-Dichloropropane	11.39	76	152900	20.146	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	285499	101.460	ug/l	98
59) 2-Hexanone	11.52	43	289570	101.292	ug/l	98
60) Dibromochloromethane	11.68	129	151309	20.243	ug/l	97
61) 1,2-Dibromoethane	11.80	107	121206	20.515	ug/l	96
64) Tetrachloroethene	11.25	164	135981	21.726	ug/l	99
65) Chlorobenzene	12.39	112	382020	21.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	136583	21.080	ug/l	97
67) Ethyl Benzene	12.52	91	554384	20.486	ug/l	99
68) m/p-Xylenes	12.65	106	484303	45.598	ug/l	99
69) o-Xylene	13.04	106	222812	21.342	ug/l	95
70) Styrene	13.07	104	361111	21.182	ug/l	97
71) Bromoform	13.22	173	86359	20.661	ug/l	98
73) Isopropylbenzene	13.39	105	590463	19.691	ug/l	97
74) N-amyl acetate	13.26	43	168595	19.968	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	109541	18.723	ug/l	100
76) 1,2,3-Trichloropropane	13.73	75	106579	17.804	ug/l	99
77) Bromobenzene	13.66	156	148859	19.447	ug/l	83
78) n-propylbenzene	13.77	91	649467	18.501	ug/l	99
79) 2-Chlorotoluene	13.83	91	417619	21.608	ug/l	98
80) 1,3,5-Trimethylbenzene	14.23	105	494954	21.742	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	35977	20.385	ug/l	94
82) 4-Chlorotoluene	13.94	91	442216	19.355	ug/l	95
83) tert-Butylbenzene	14.18	119	526424	21.130	ug/l	92
84) 1,2,4-Trimethylbenzene	14.23	105	494954	21.742	ug/l	98
85) sec-Butylbenzene	14.36	105	643683	21.164	ug/l	95
86) p-Isopropyltoluene	14.48	119	504008	20.273	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	304309	22.264	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	280120	20.855	ug/l	99
89) n-Butylbenzene	14.79	91	494920	20.731	ug/l	99
90) Hexachloroethane	15.01	117	140094	19.957	ug/l	94
91) 1,2-Dichlorobenzene	14.80	146	250766	22.007	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	13288	18.848	ug/l	57

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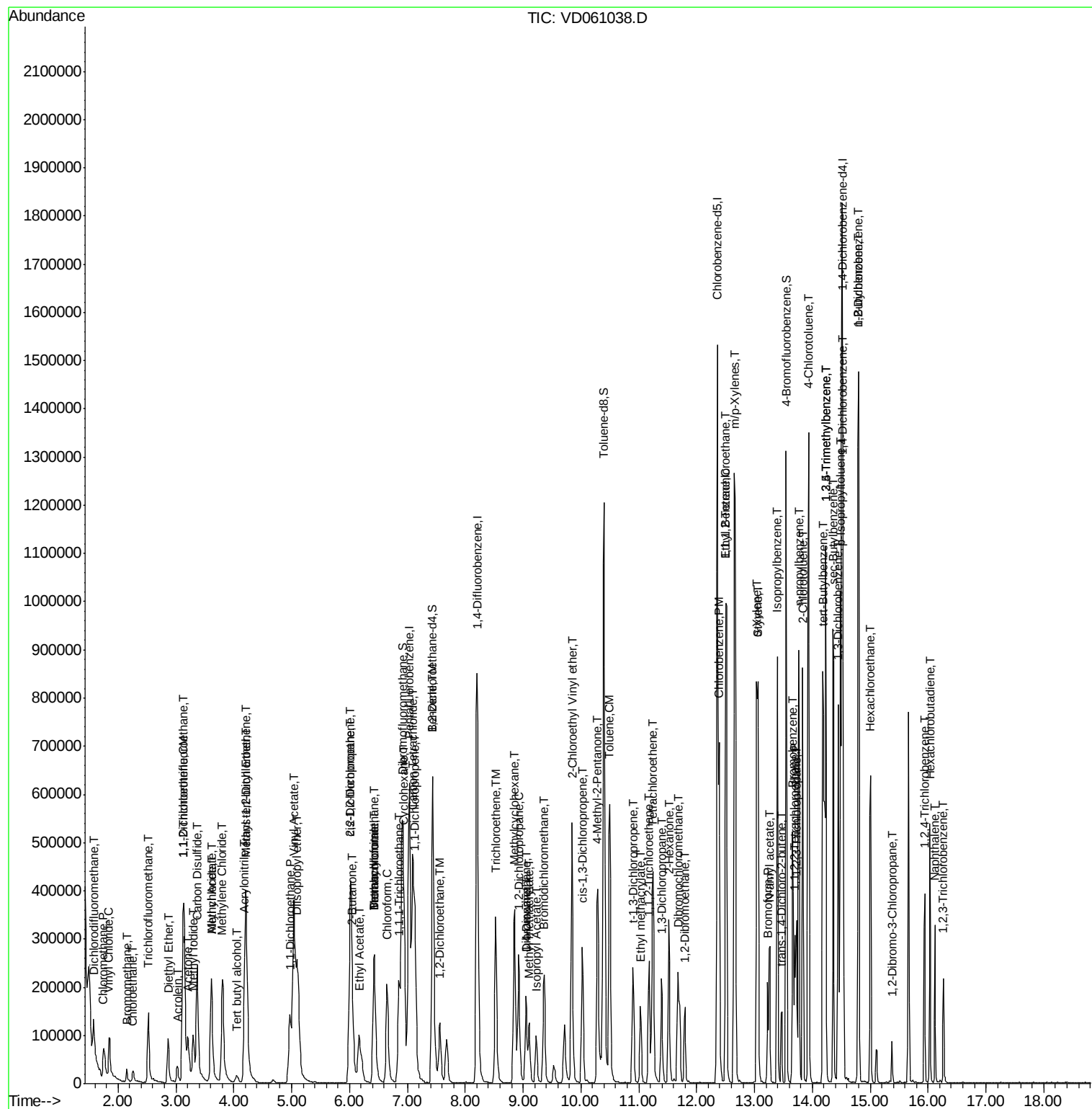
Quant Time: Mar 14 01:59:25 2019
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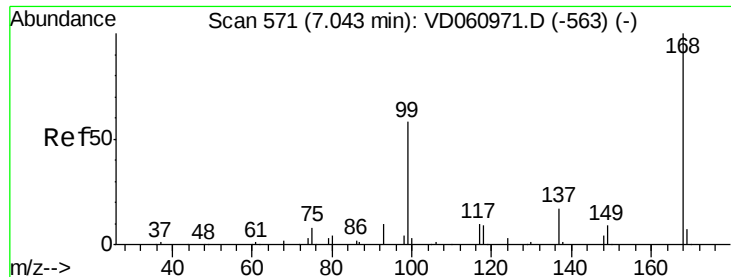
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	108211	20.471	ug/l	99
94) Hexachlorobutadiene	16.03	225	86815	21.713	ug/l	99
95) Naphthalene	16.12	128	186604	23.230	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	54467	20.862	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061038.D

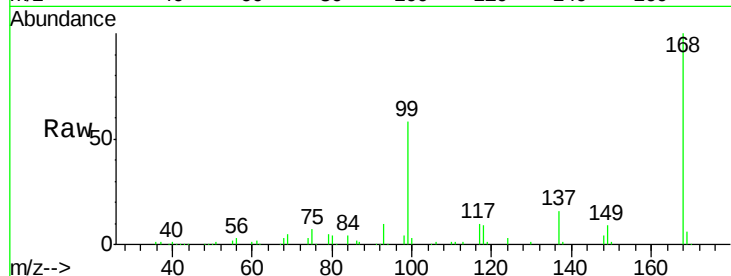
Acq: 13 Mar 2019 13:23

Tot Ion:168 Resp: 661006

Ion Ratio Lower Upper

168 100

99 58.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

150000

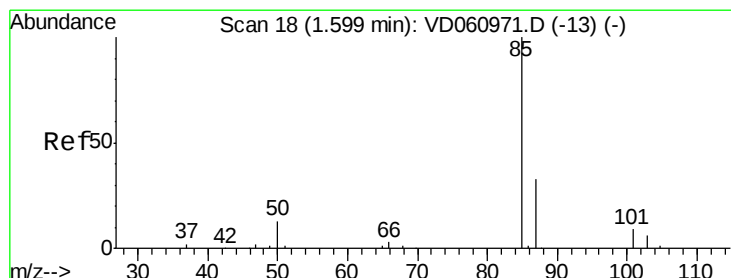
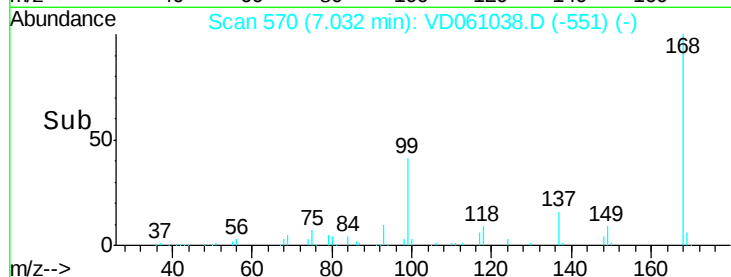
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 20.198 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.02 min

Lab File: VD061038.D

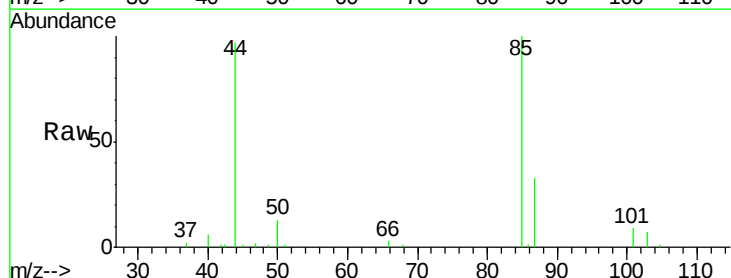
Acq: 13 Mar 2019 13:23

Tgt Ion: 85 Resp: 132249

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

50000

40000

30000

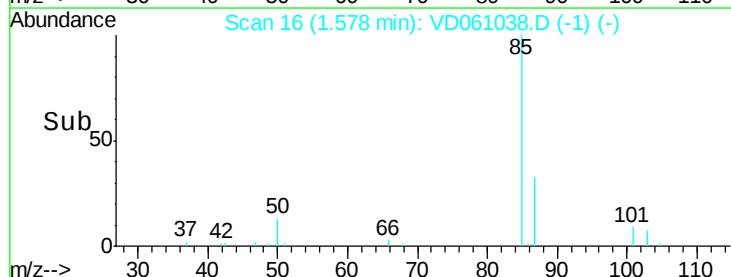
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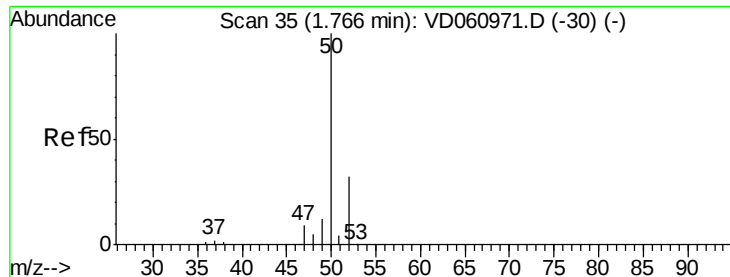
10000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 21.359 ug/l

RT: 1.75 min Scan# 33

Delta R.T. -0.02 min

Lab File: VD061038.D

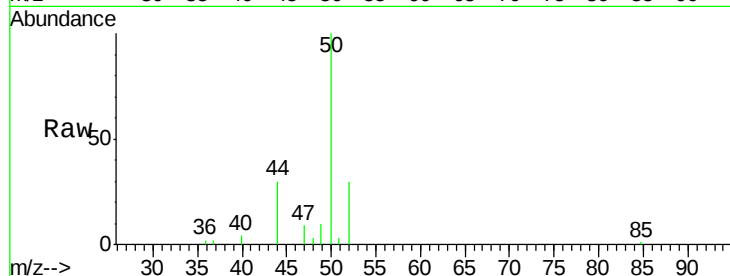
Acq: 13 Mar 2019 13:23

Tot Ion: 50 Resp: 116499

Ion Ratio Lower Upper

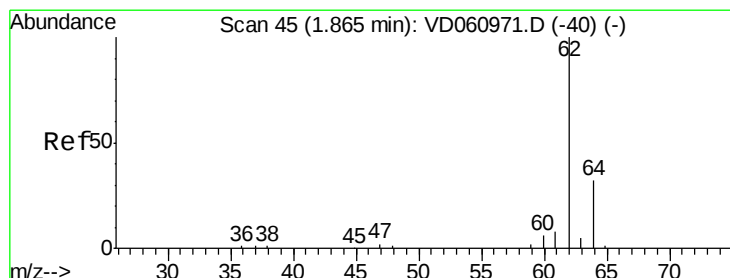
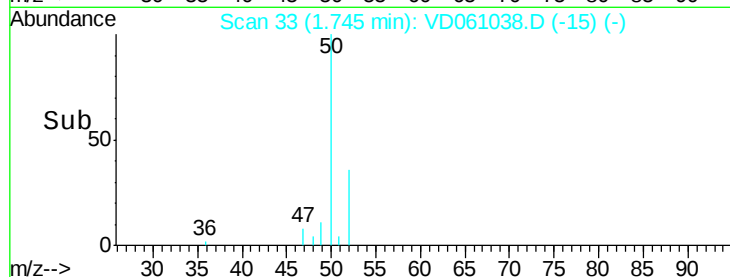
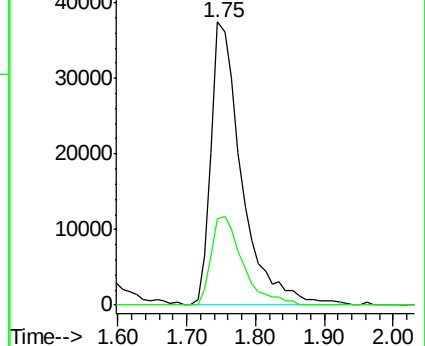
50 100

52 30.4 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.772 ug/l

RT: 1.85 min Scan# 44

Delta R.T. -0.01 min

Lab File: VD061038.D

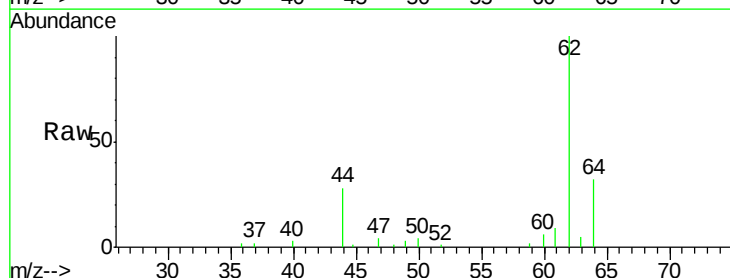
Acq: 13 Mar 2019 13:23

Tgt Ion: 62 Resp: 109730

Ion Ratio Lower Upper

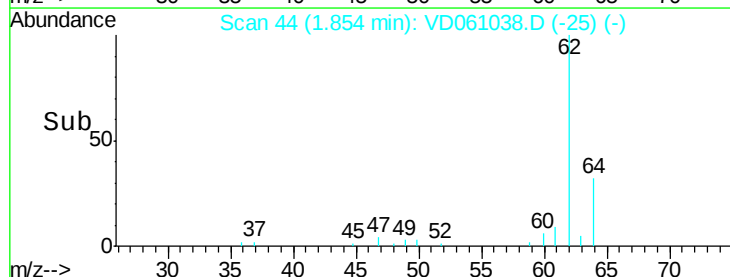
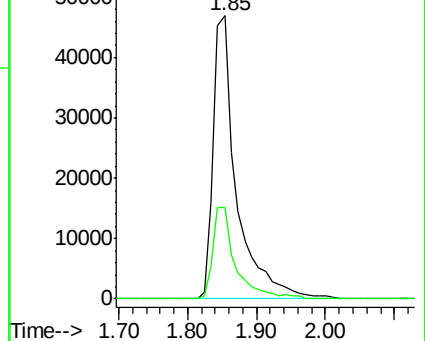
62 100

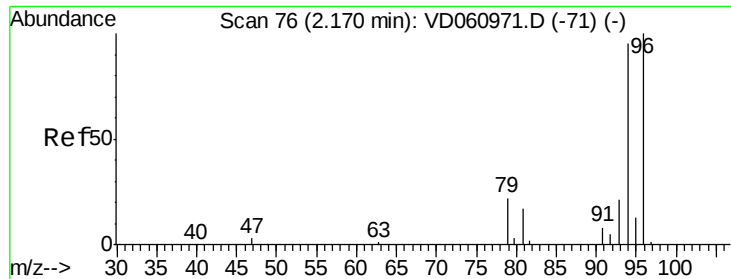
64 32.3 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 16.903 ug/l

RT: 2.15 min Scan# 74

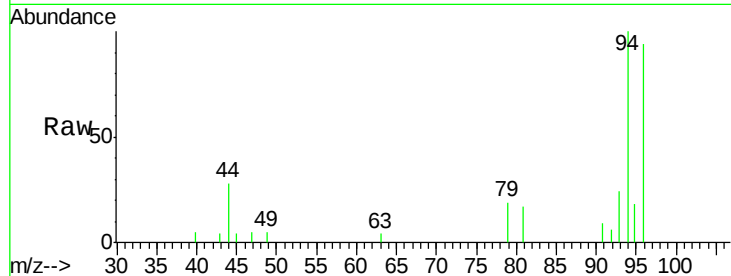
Delta R.T. -0.02 min

Lab File: VD061038.D

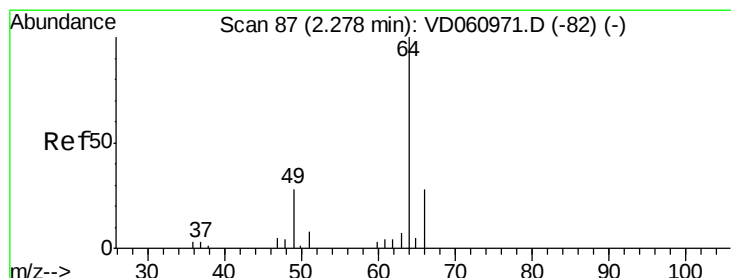
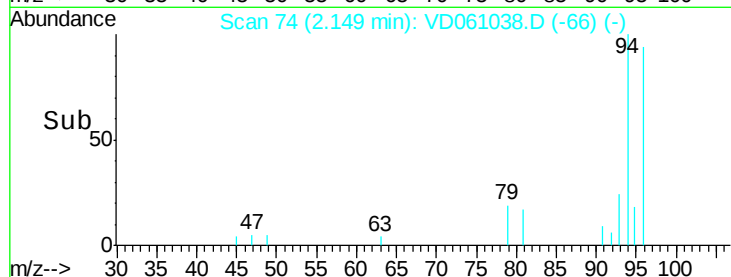
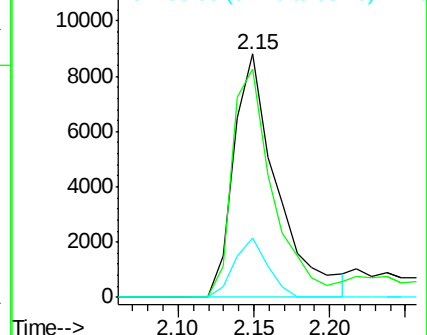
Acq: 13 Mar 2019 13:23

Tot Ion: 94 Resp: 17487

Ion	Ratio	Lower	Upper
94	100		
96	93.9	84.0	126.0
93	24.3	17.3	25.9



Abundance Ion 94.00 (93.70 to 94.70): VDC
 Ion 96.00 (95.70 to 96.70): VDC
 Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 18.489 ug/l

RT: 2.26 min Scan# 85

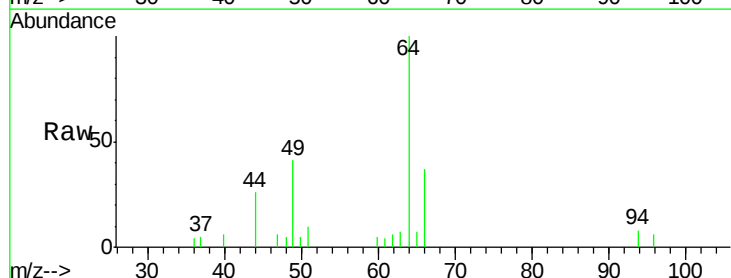
Delta R.T. -0.02 min

Lab File: VD061038.D

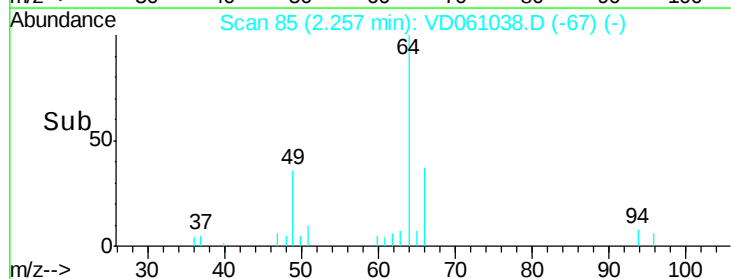
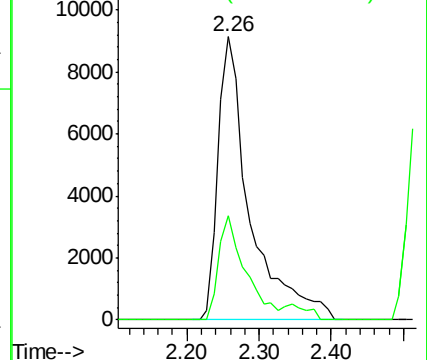
Acq: 13 Mar 2019 13:23

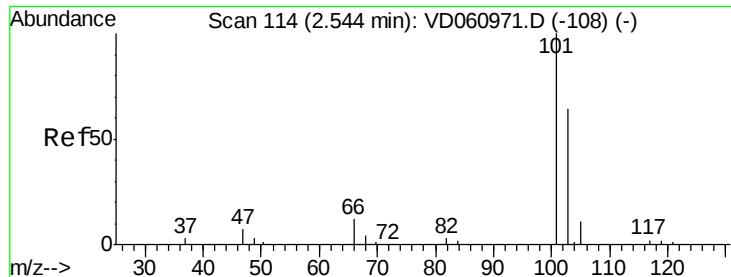
Tgt Ion: 64 Resp: 27892

Ion	Ratio	Lower	Upper
64	100		
66	36.8	22.2	33.2#



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

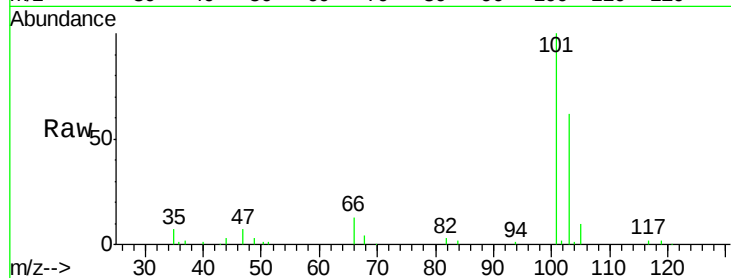




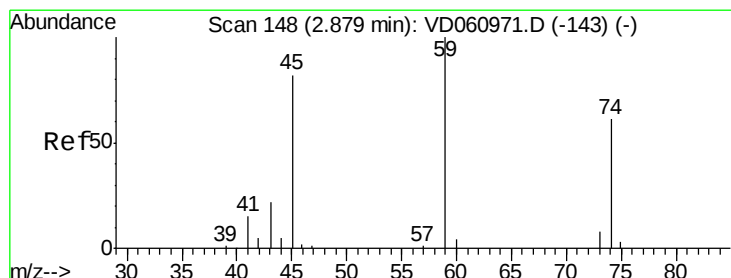
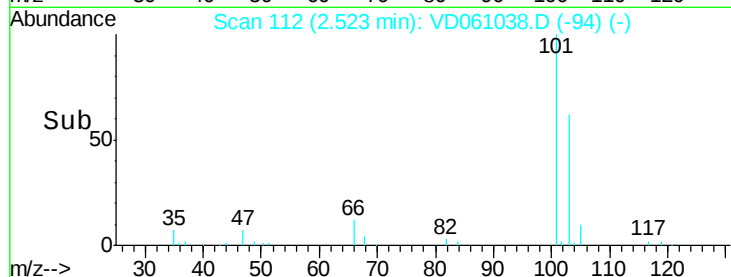
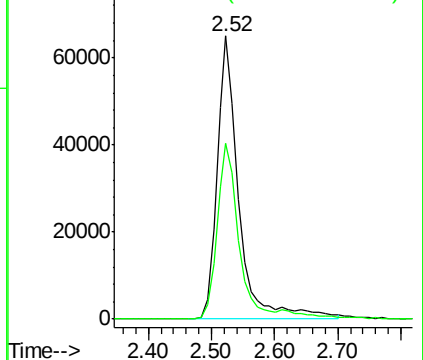
#7

Trichlorofluoromethane
Concen: 21.710 ug/l
RT: 2.52 min Scan# 112
Delta R.T. -0.02 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion: 101 Resp: 157186
Ion Ratio Lower Upper
101 100
103 62.0 51.2 76.8



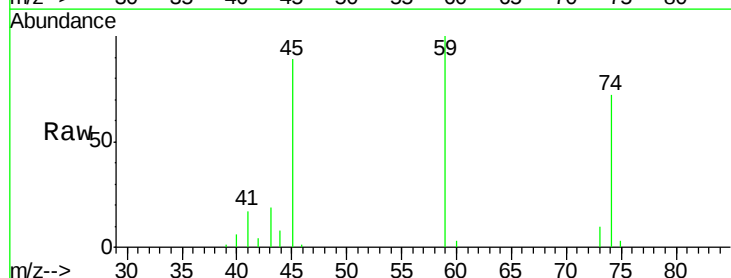
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



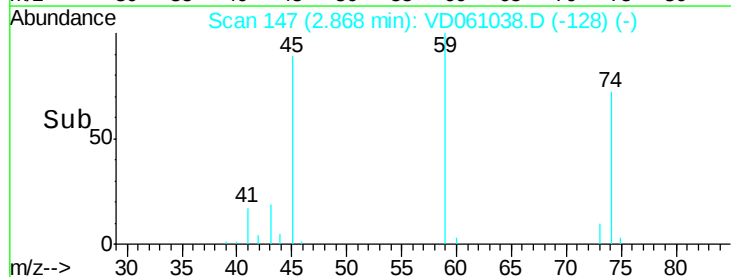
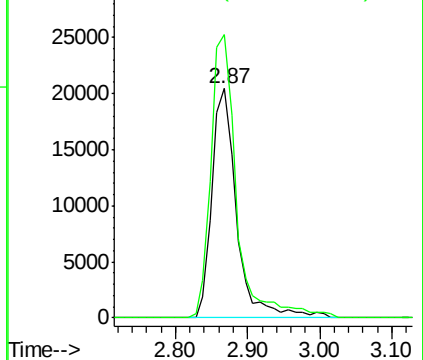
#8

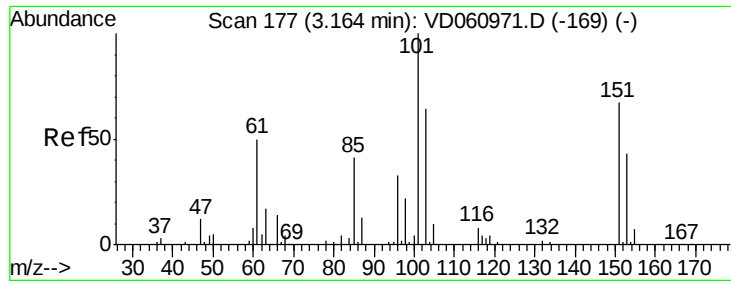
Diethyl Ether
Concen: 20.231 ug/l
RT: 2.87 min Scan# 147
Delta R.T. -0.01 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion: 74 Resp: 48321
Ion Ratio Lower Upper
74 100
45 123.6 67.0 201.1



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: 20.588 ug/l

RT: 3.14 min Scan# 175

Delta R.T. -0.02 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

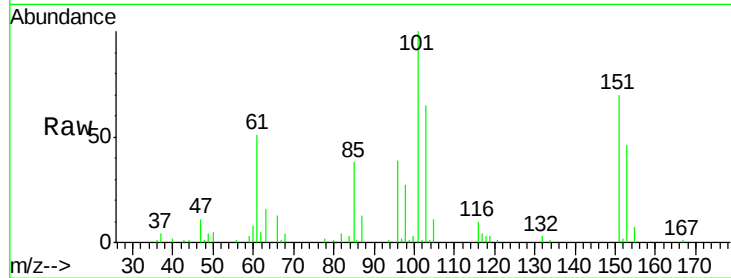
Tot Ion:101 Resp: 166657

Ion Ratio Lower Upper

101 100

85 37.8 32.5 48.7

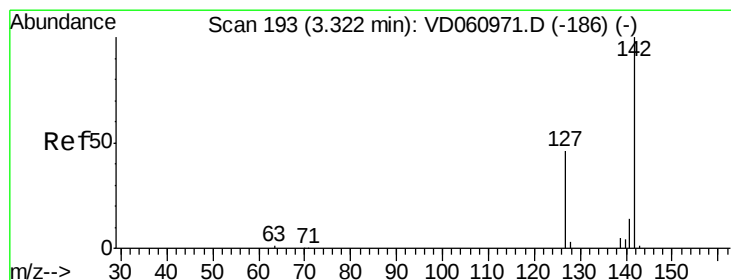
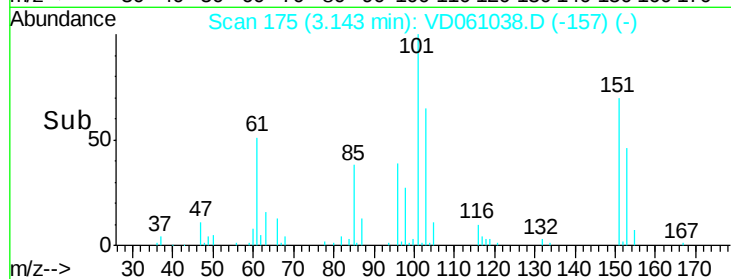
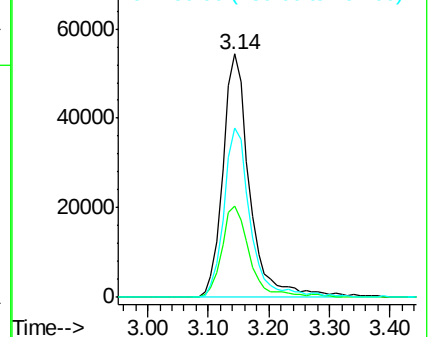
151 69.6 53.3 79.9



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: 19.399 ug/l

RT: 3.30 min Scan# 191

Delta R.T. -0.02 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

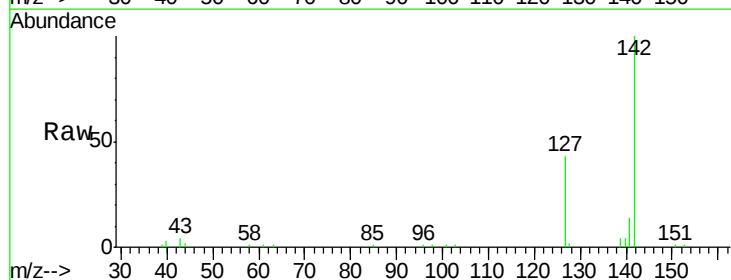
Tgt Ion:142 Resp: 194986

Ion Ratio Lower Upper

142 100

127 43.2 36.8 55.2

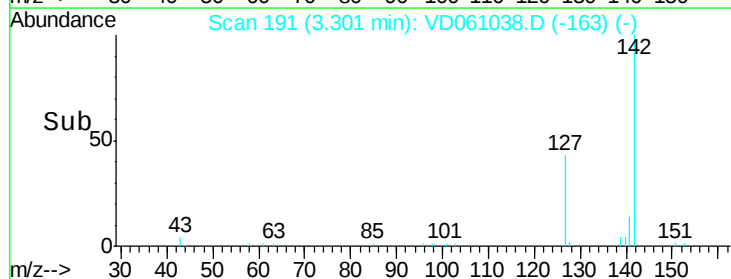
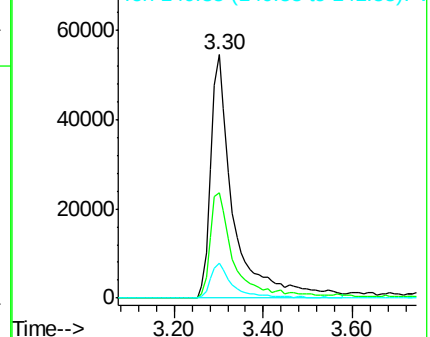
141 14.1 11.2 16.8

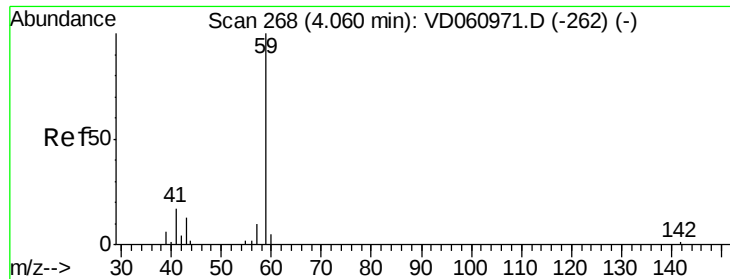


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

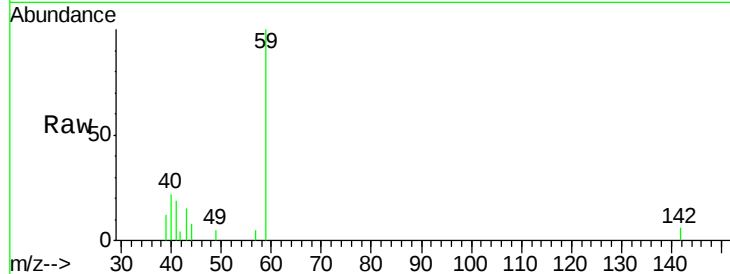




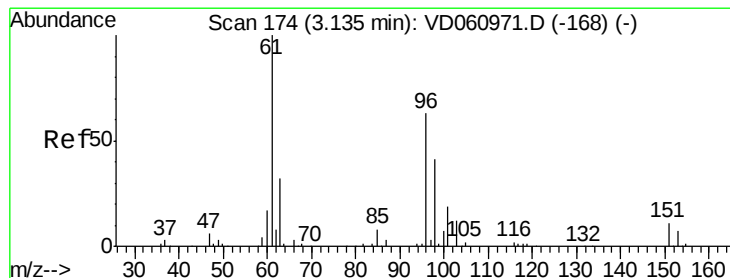
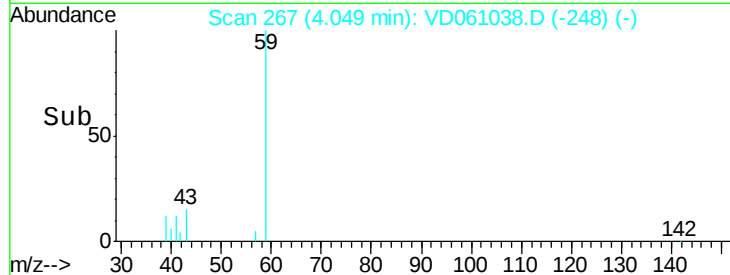
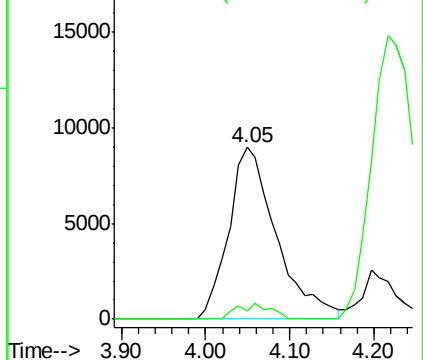
#11

Tert butyl alcohol
Concen: 101.223 ug/l
RT: 4.05 min Scan# 267
Delta R.T. -0.01 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion: 59 Resp: 35456
Ion Ratio Lower Upper
59 100
57 4.9 7.1 10.7#



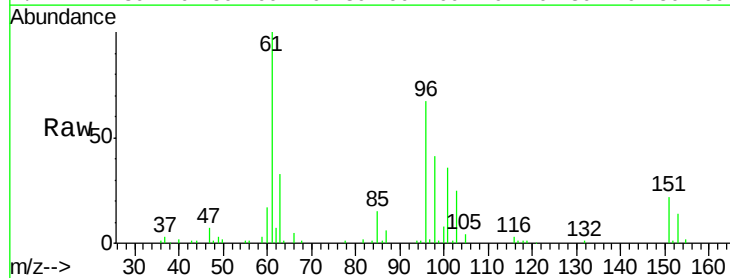
Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC



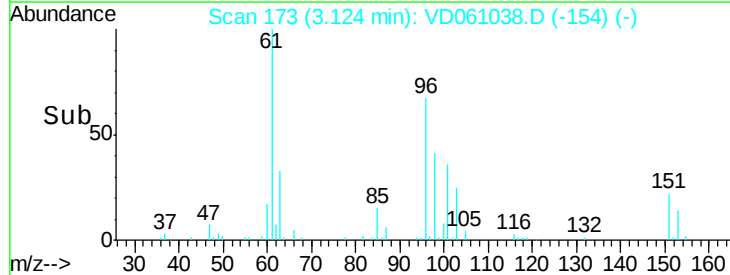
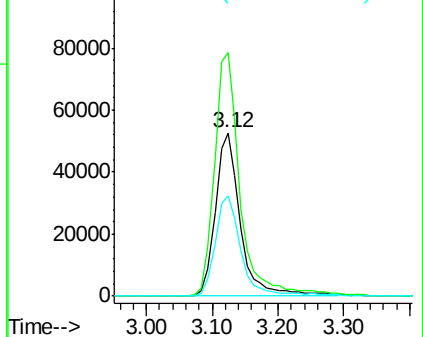
#12

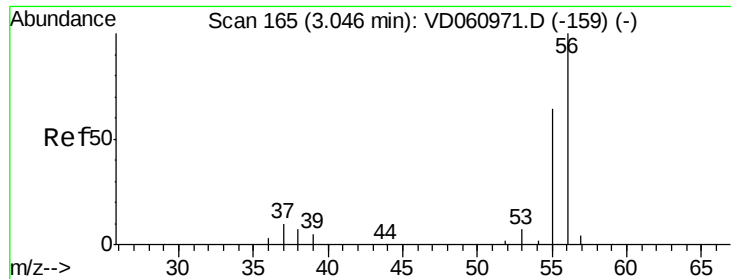
1,1-Dichloroethene
Concen: 20.781 ug/l
RT: 3.12 min Scan# 173
Delta R.T. -0.01 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion: 96 Resp: 137888
Ion Ratio Lower Upper
96 100
61 149.0 127.1 190.7
98 61.6 51.5 77.3



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





#13

Acrolein

Concen: 85.021 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.02 min

Lab File: VD061038.D

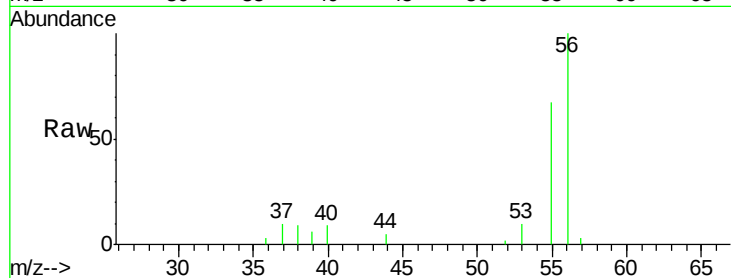
Acq: 13 Mar 2019 13:23

Tot Ion: 56 Resp: 43090

Ion Ratio Lower Upper

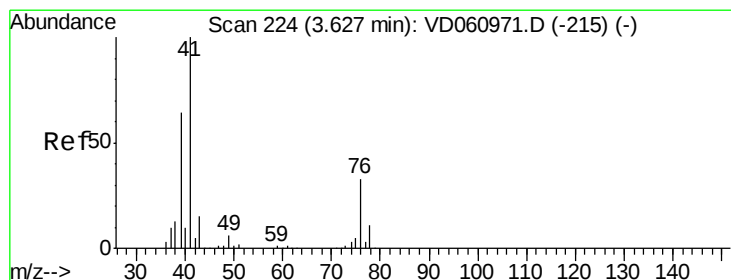
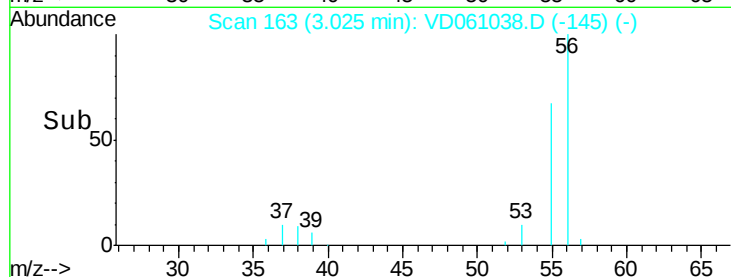
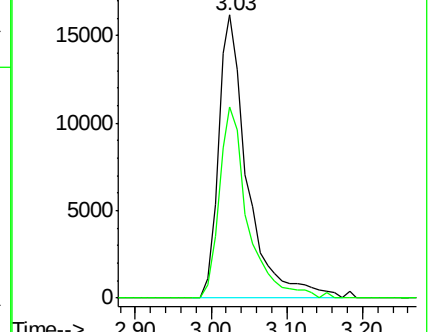
56 100

55 67.5 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.943 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

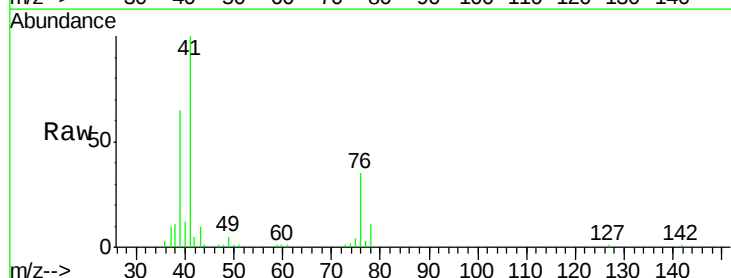
Tgt Ion: 41 Resp: 211723

Ion Ratio Lower Upper

41 100

39 65.0 51.1 76.7

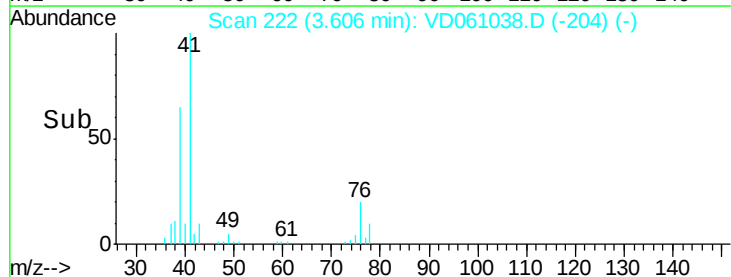
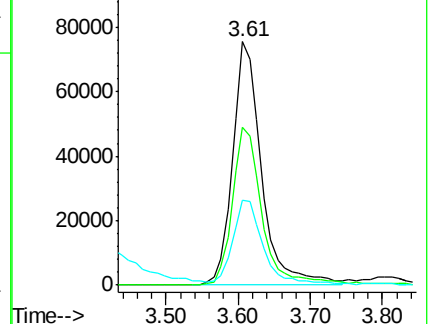
76 34.7 29.1 43.7



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





#15

Acrylonitrile

Concen: 107.489 ug/l

RT: 4.18 min Scan# 280

Delta R.T. -0.02 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

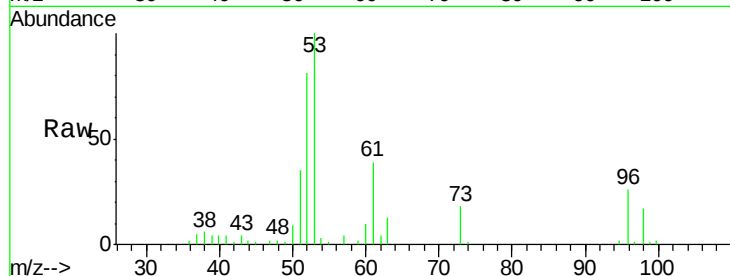
Tot Ion: 53 Resp: 133070

Ion Ratio Lower Upper

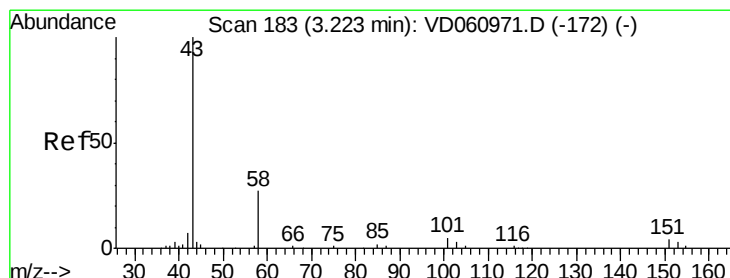
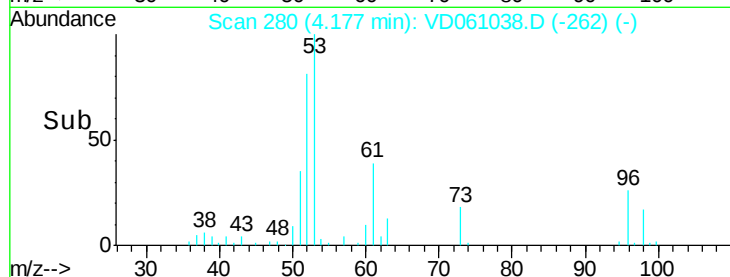
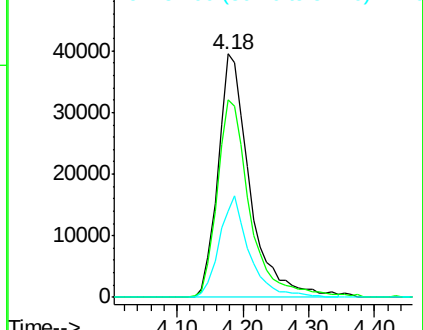
53 100

52 80.9 70.2 105.4

51 35.4 31.7 47.5



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: 103.133 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD061038.D

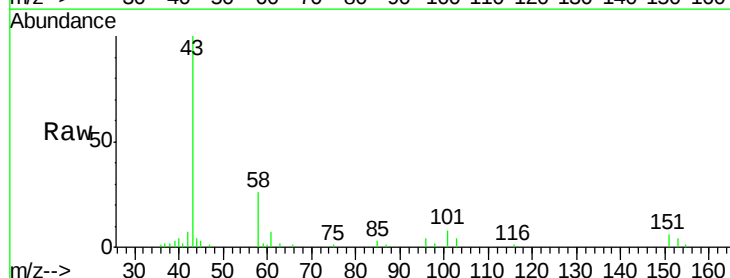
Acq: 13 Mar 2019 13:23

Tgt Ion: 43 Resp: 162268

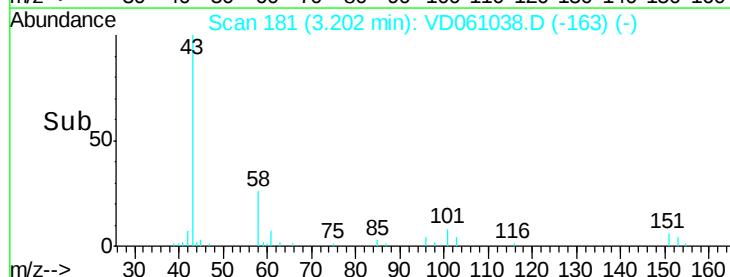
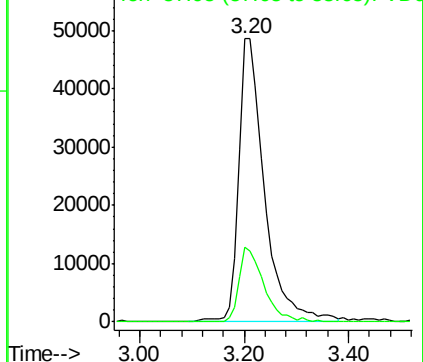
Ion Ratio Lower Upper

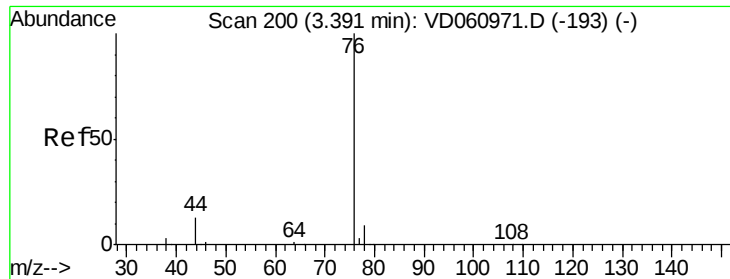
43 100

58 26.4 21.6 32.4



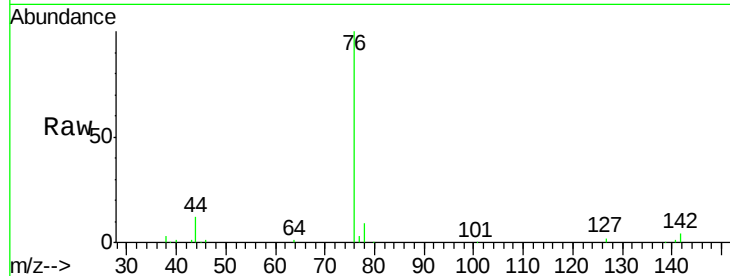
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



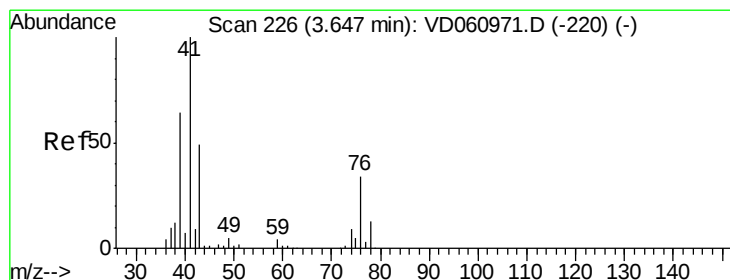
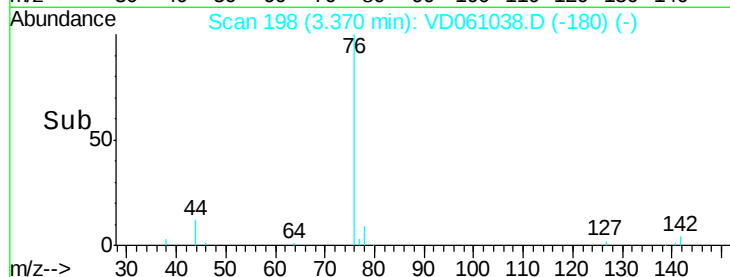
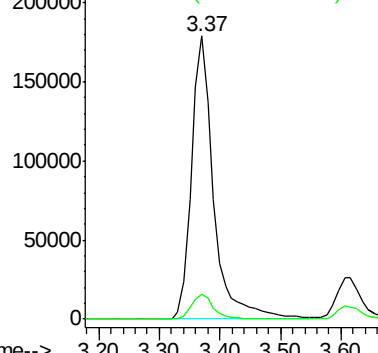


#17
Carbon Disulfide
Concen: 20.340 ug/l
RT: 3.37 min Scan# 198
Delta R.T. -0.02 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion: 76 Resp: 455266
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

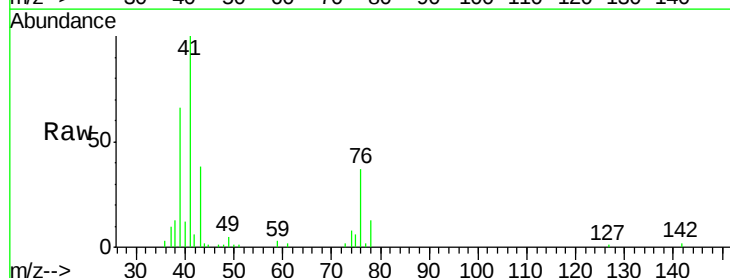


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

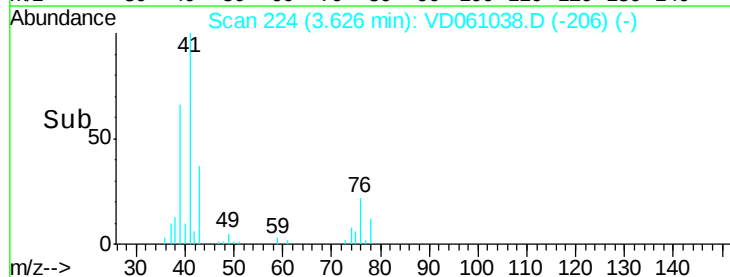
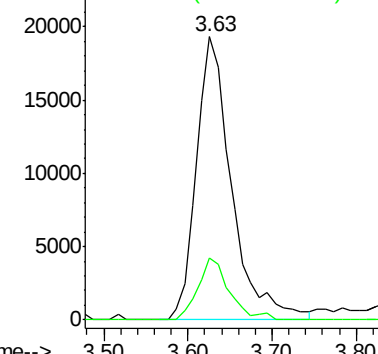


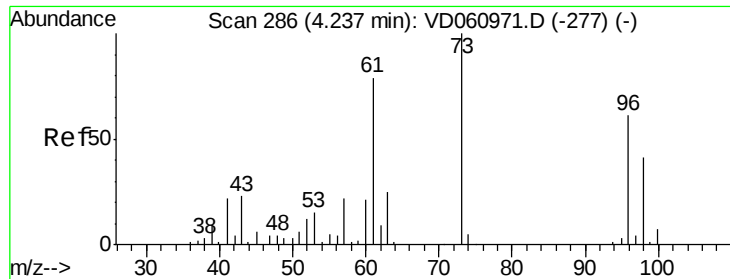
#18
Methyl Acetate
Concen: 18.187 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.02 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion: 43 Resp: 56313
Ion Ratio Lower Upper
43 100
74 21.8 14.6 21.8



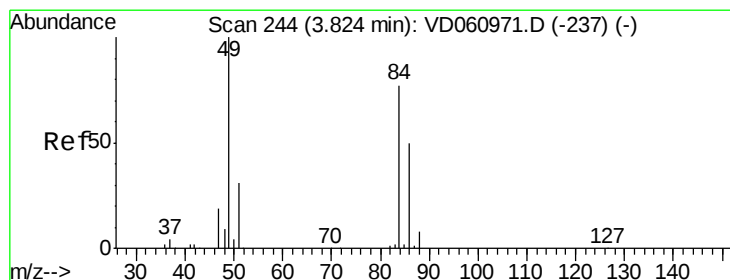
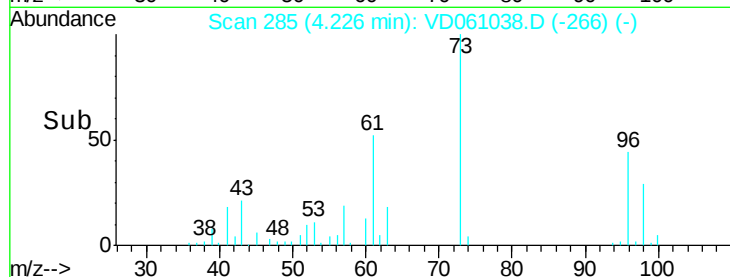
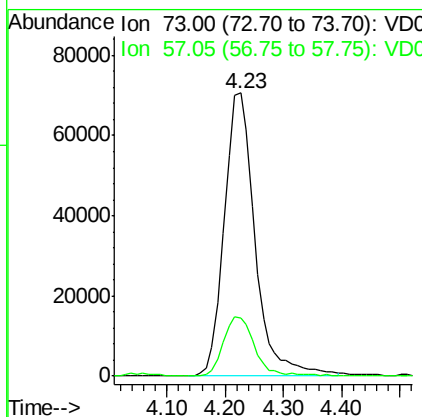
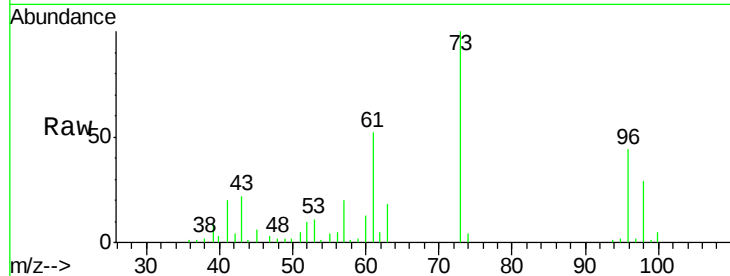
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC





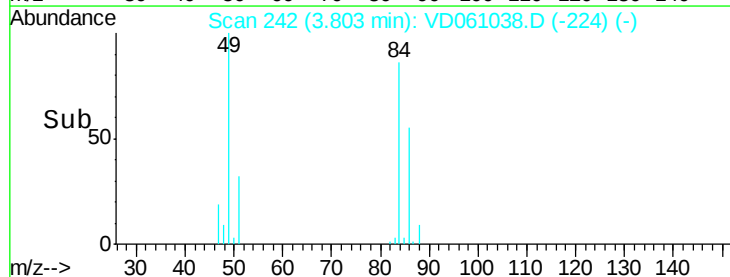
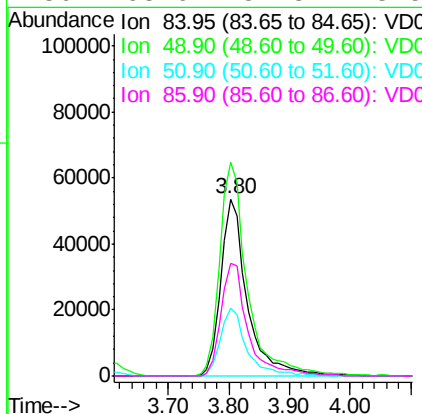
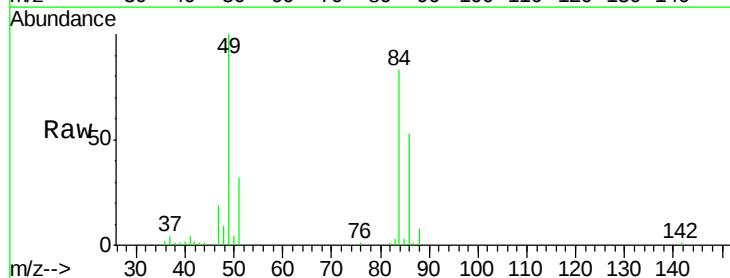
#19
Methvl tert-butvl Ether
Concen: 22.346 ug/l
RT: 4.23 min Scan# 285
Delta R.T. -0.01 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

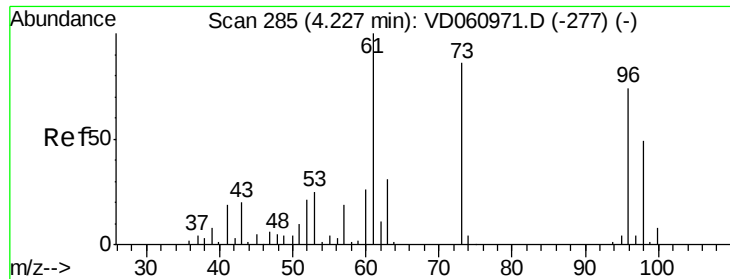
Tot Ion: 73 Resp: 259847
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5



#20
Methylene Chloride
Concen: 19.852 ug/l
RT: 3.80 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion: 84 Resp: 162590
Ion Ratio Lower Upper
84 100
49 120.5 104.2 156.2
51 38.6 32.3 48.5
86 63.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 22.298 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.02 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

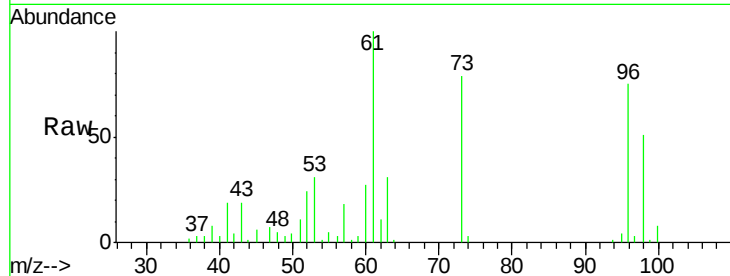
Tot Ion: 96 Resp: 160136

Ion Ratio Lower Upper

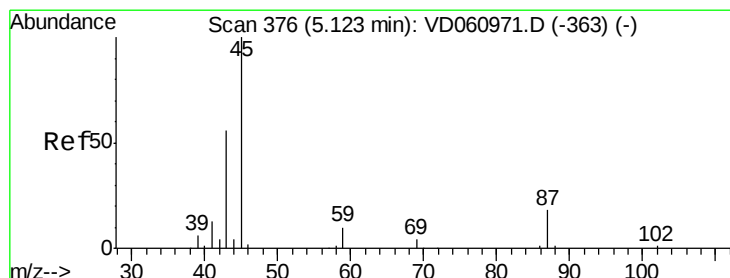
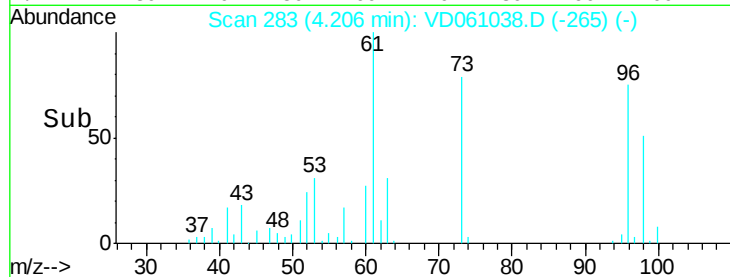
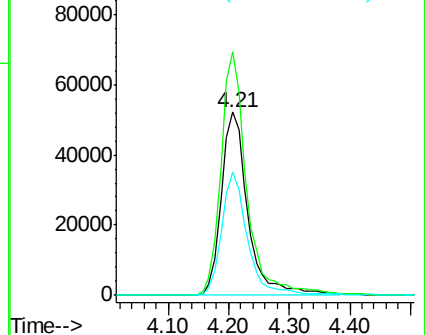
96 100

61 132.9 108.4 162.6

98 67.6 53.0 79.4



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: 20.438 ug/l

RT: 5.10 min Scan# 374

Delta R.T. -0.02 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

Tgt Ion: 45 Resp: 450414

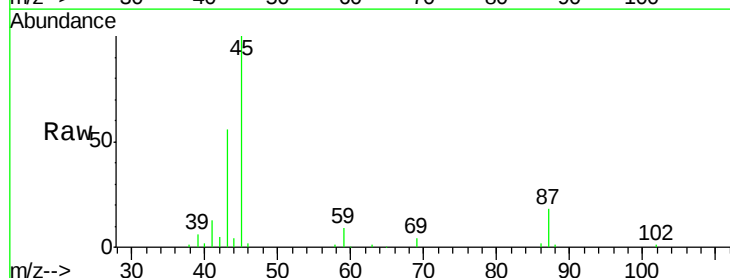
Ion Ratio Lower Upper

45 100

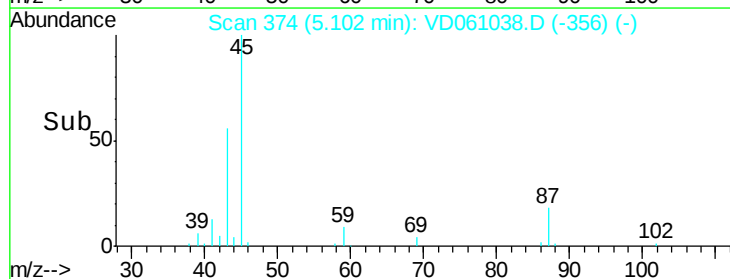
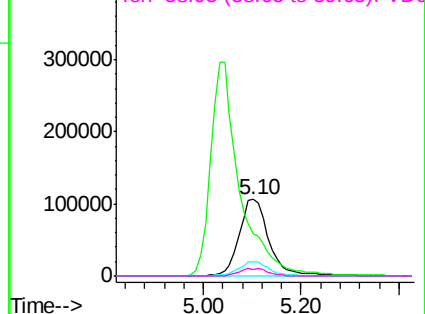
43 56.3 45.8 68.8

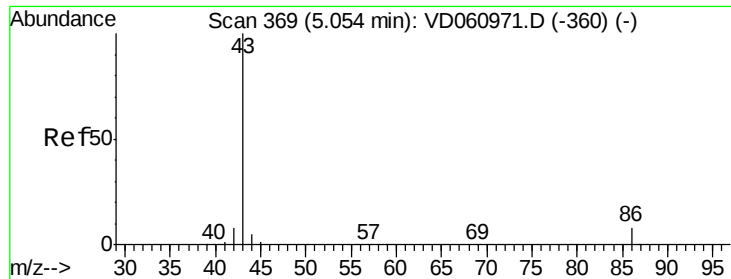
87 18.2 14.9 22.3

59 9.0 8.0 12.0



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: 107.529 ug/l

RT: 5.04 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD061038.D

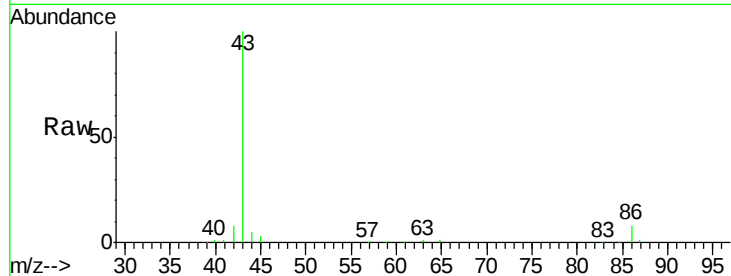
Acq: 13 Mar 2019 13:23

Tot Ion: 43 Resp: 1216503

Ion Ratio Lower Upper

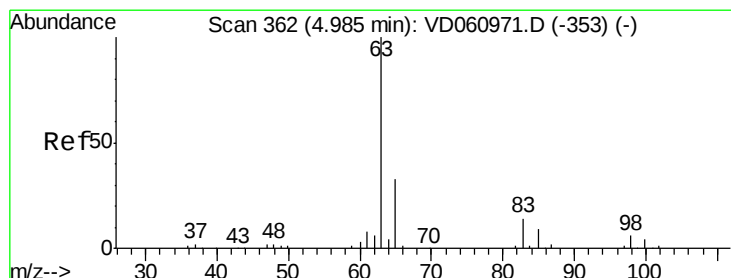
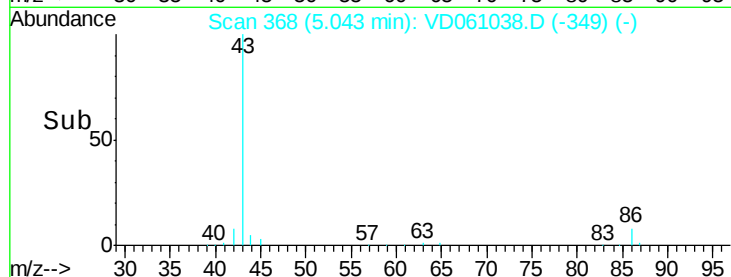
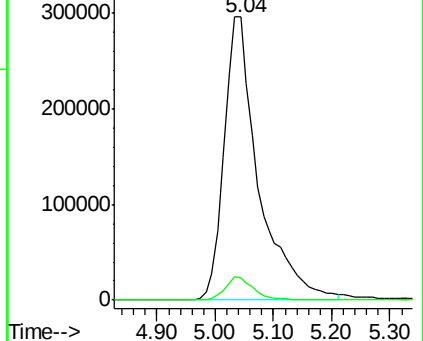
43 100

86 7.7 6.2 9.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.519 ug/l

RT: 4.96 min Scan# 360

Delta R.T. -0.02 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

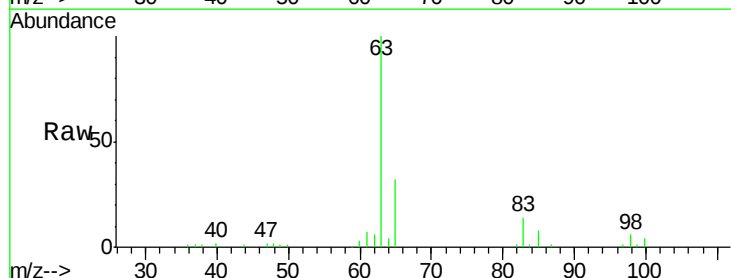
Tgt Ion: 63 Resp: 259842

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

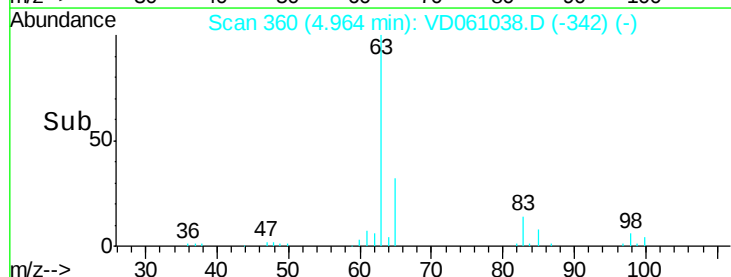
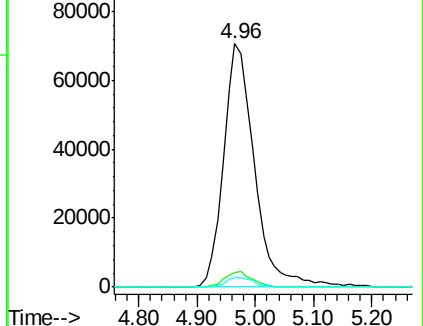
100 4.0 2.0 5.8



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: 110.084 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.01 min

Lab File: VD061038.D

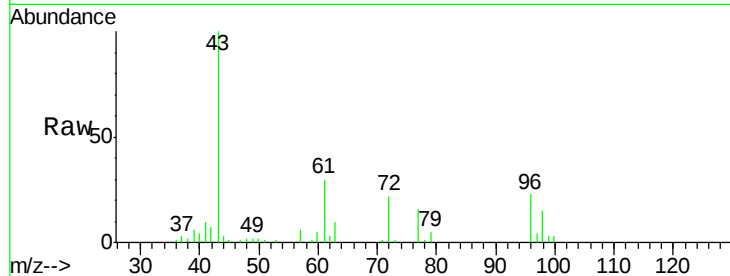
Acq: 13 Mar 2019 13:23

Tot Ion: 43 Resp: 196538

Ion Ratio Lower Upper

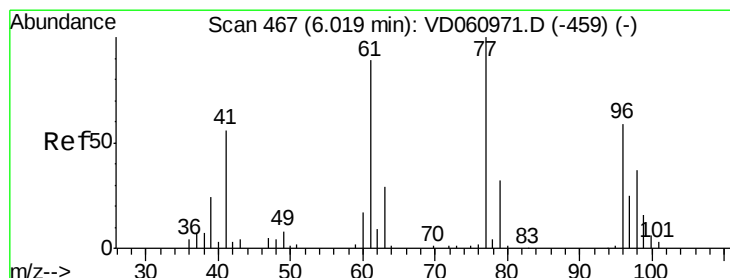
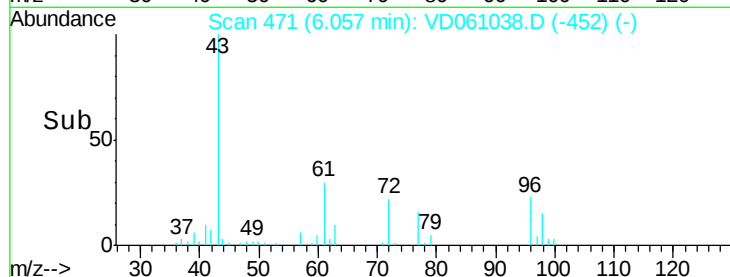
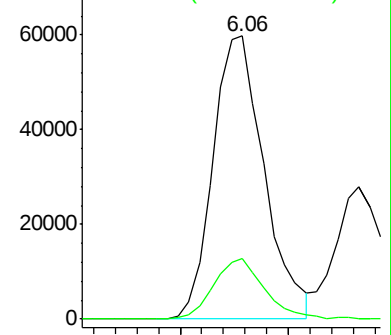
43 100

72 21.6 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.912 ug/l

RT: 6.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: VD061038.D

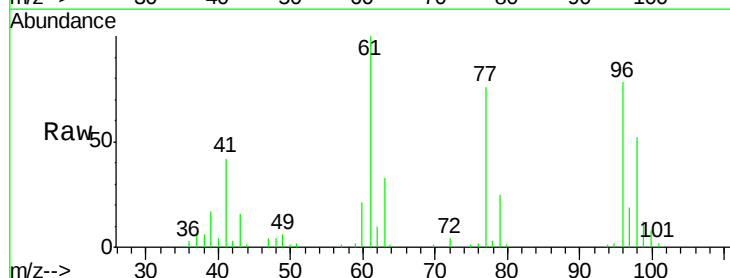
Acq: 13 Mar 2019 13:23

Tgt Ion: 77 Resp: 206546

Ion Ratio Lower Upper

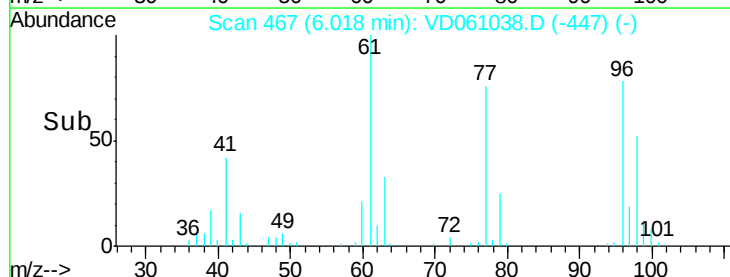
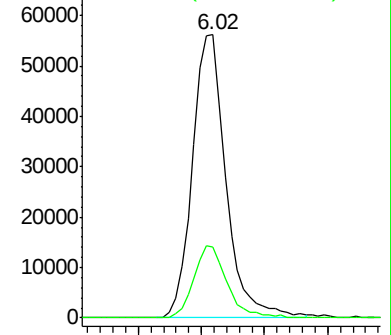
77 100

97 25.0 12.6 37.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

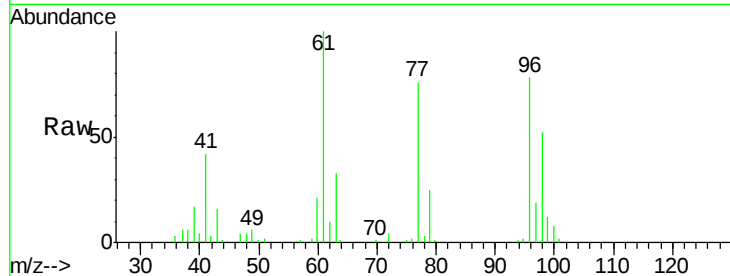




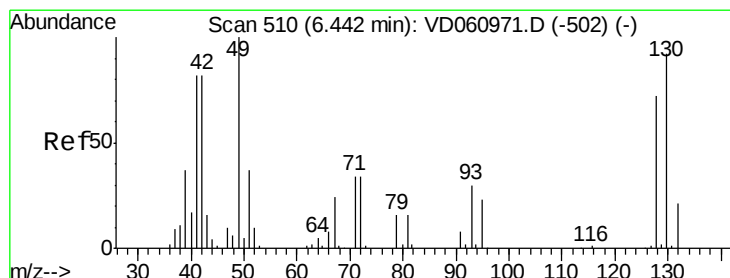
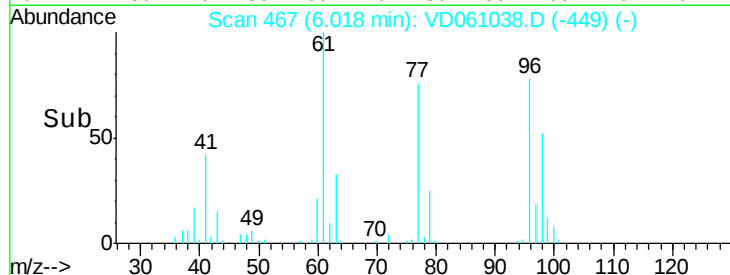
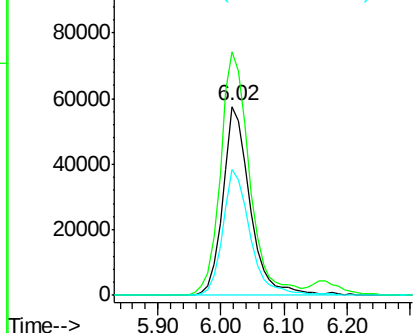
#27

cis-1,2-Dichloroethene
Concen: 22.591 ug/l
RT: 6.02 min Scan# 467
Delta R.T. -0.02 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion	96	Resp	172136
Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	273.6
98	66.4	0.0	132.6



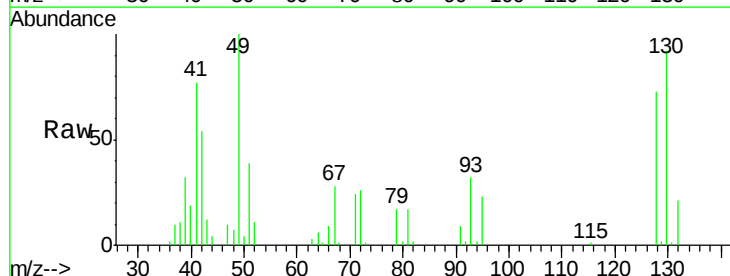
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



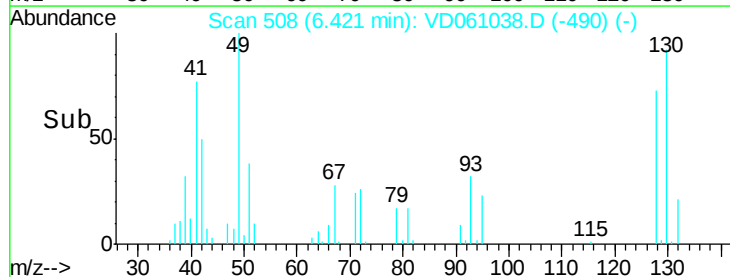
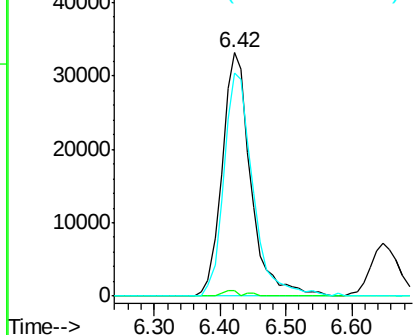
#28

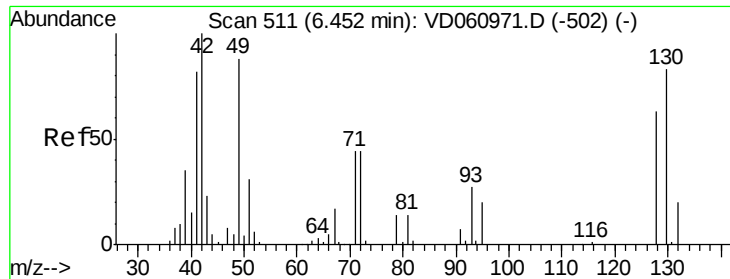
Bromochloromethane
Concen: 19.705 ug/l
RT: 6.42 min Scan# 508
Delta R.T. -0.02 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion	49	Resp	100730
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	91.7	73.8	110.8



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





#29

Tetrahydrofuran

Concen: 95.534 ug/l

RT: 6.43 min Scan# 509

Delta R.T. -0.02 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

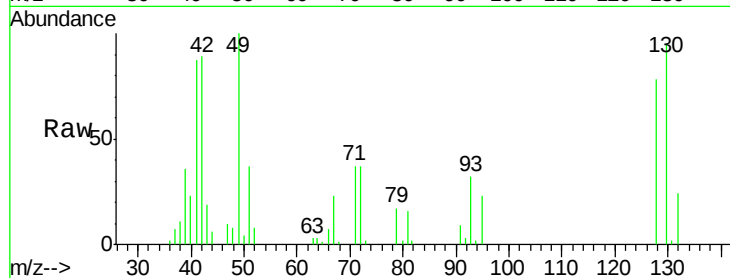
Tot Ion: 42 Resp: 92615

Ion Ratio Lower Upper

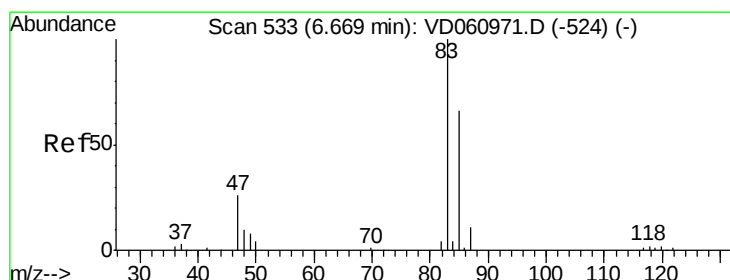
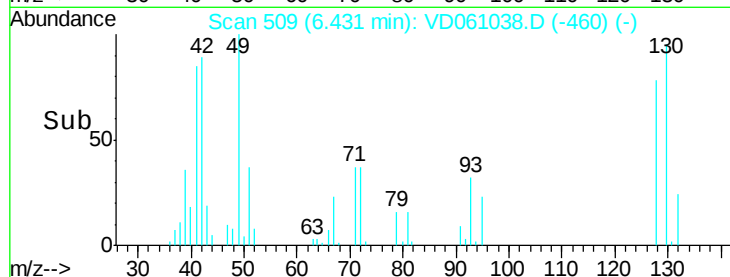
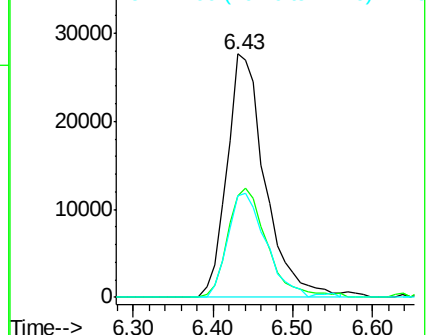
42 100

72 45.7 34.5 51.7

71 43.0 33.8 50.6



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: 20.123 ug/l

RT: 6.65 min Scan# 531

Delta R.T. -0.02 min

Lab File: VD061038.D

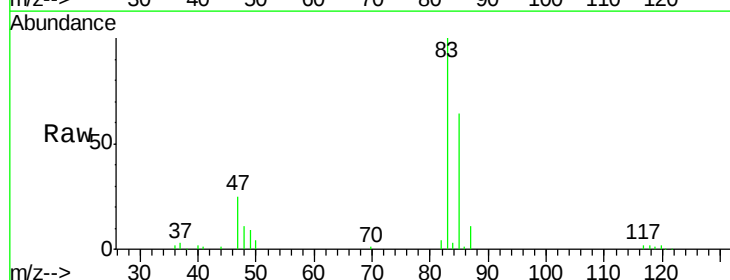
Acq: 13 Mar 2019 13:23

Tgt Ion: 83 Resp: 251827

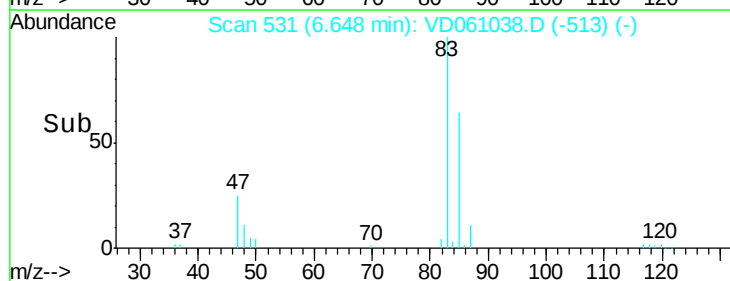
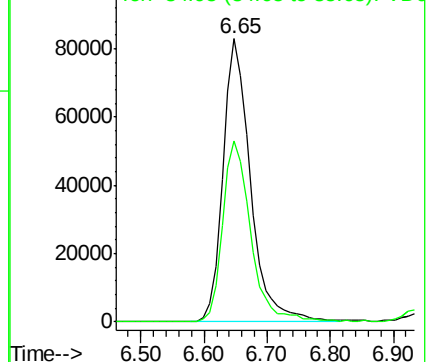
Ion Ratio Lower Upper

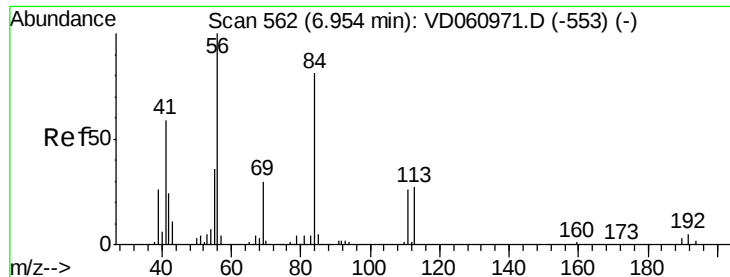
83 100

85 64.1 53.0 79.4



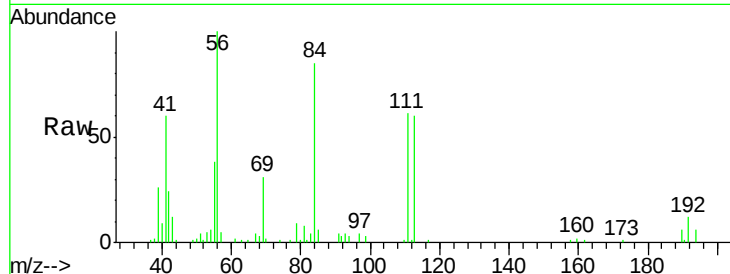
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC



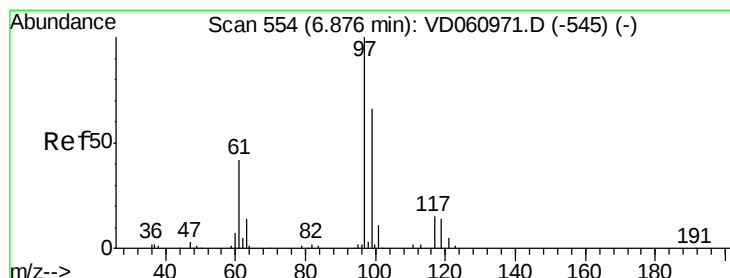
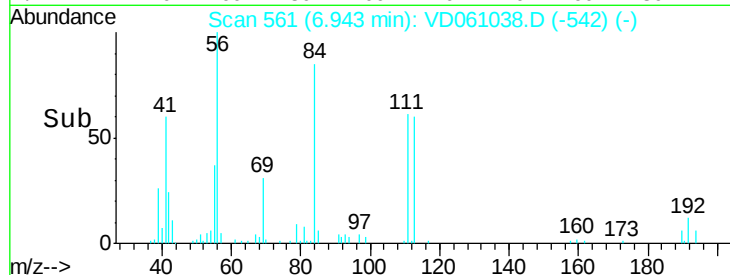
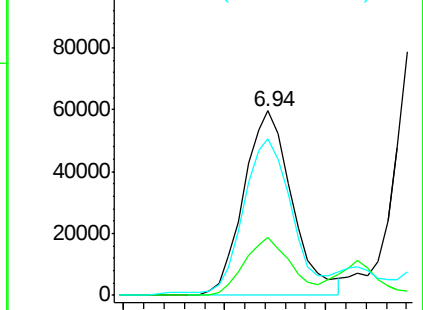


#31
Cvclohexane
Concen: 20.427 ug/l
RT: 6.94 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.0	36.0
84	84.6	65.8	98.6

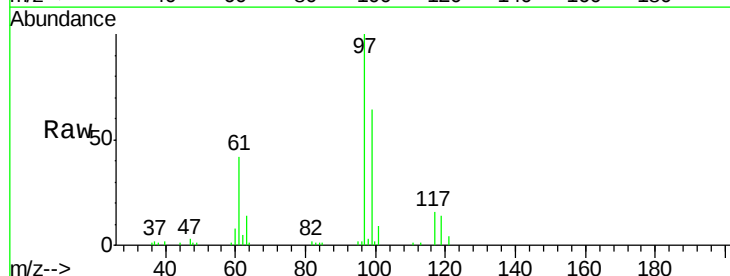


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

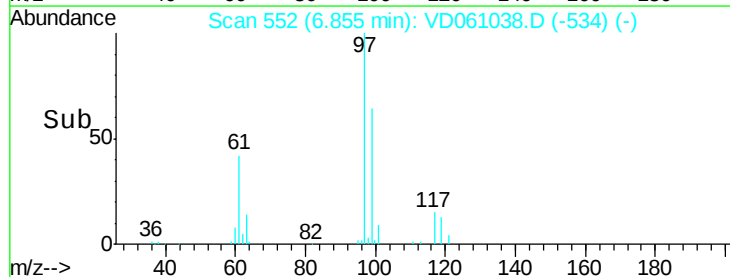
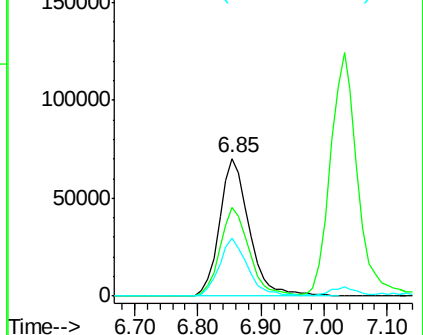


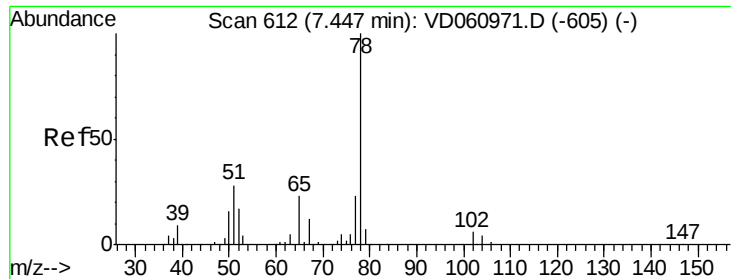
#32
1,1,1-Trichloroethane
Concen: 21.117 ug/l
RT: 6.85 min Scan# 552
Delta R.T. -0.02 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	53.2	79.8
61	42.3	33.8	50.8



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 21.117 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061038.D

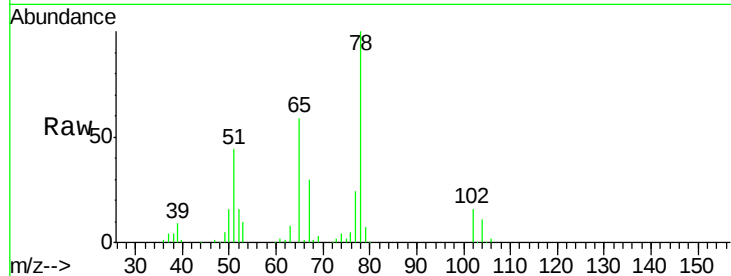
Acq: 13 Mar 2019 13:23

Tot Ion: 65 Resp: 278442

Ion Ratio Lower Upper

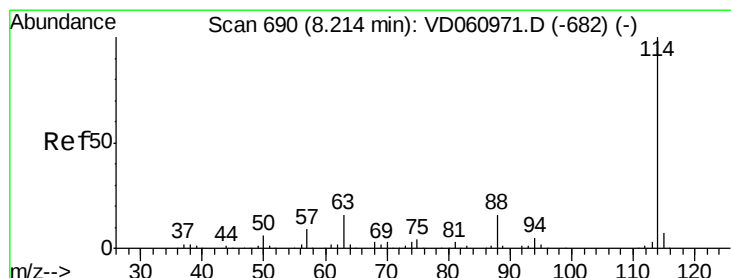
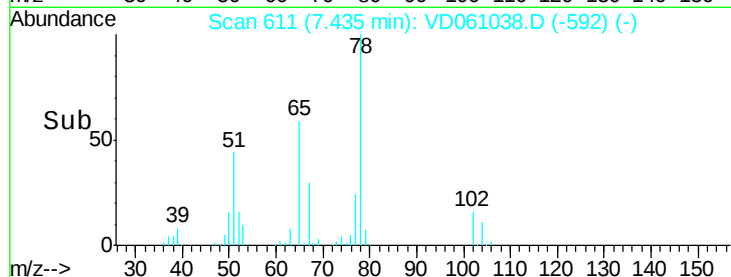
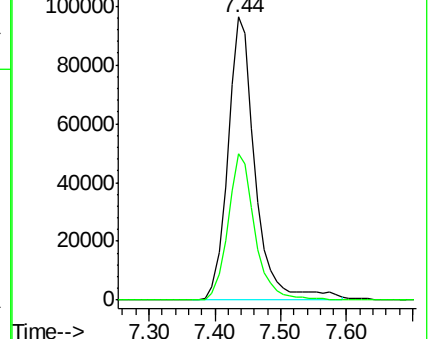
65 100

67 51.7 0.0 105.2



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: 8.20 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

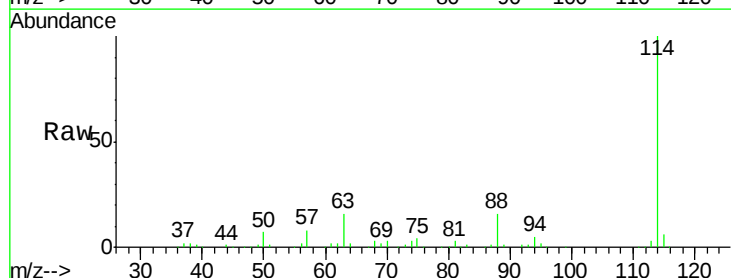
Tgt Ion: 114 Resp: 1138655

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.4

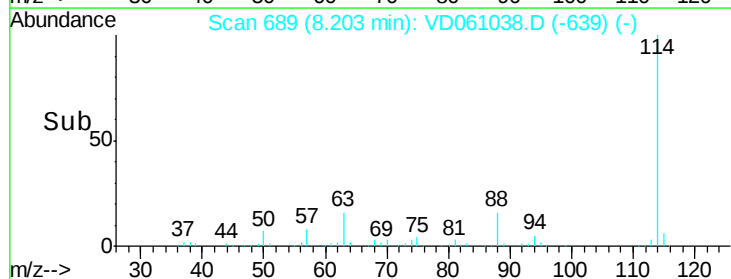
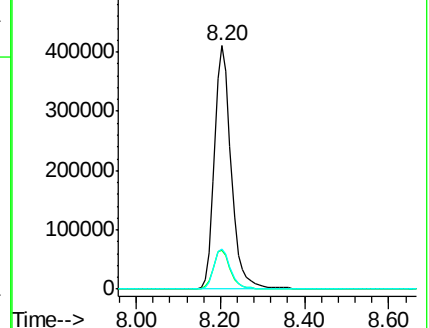
88 16.3 0.0 33.0

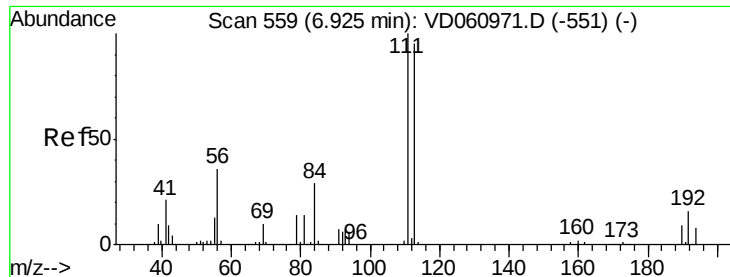


Abundance Ion 114.00 (113.70 to 114.70): V

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: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

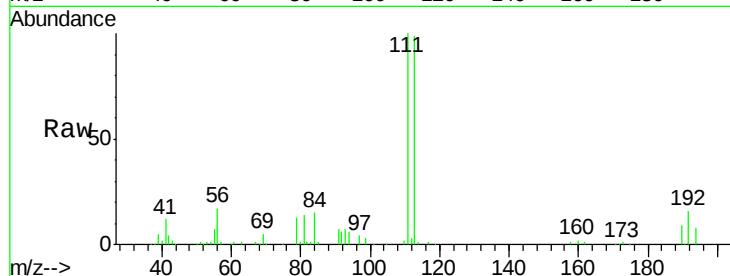
Tot Ion:113 Resp: 435117

Ion Ratio Lower Upper

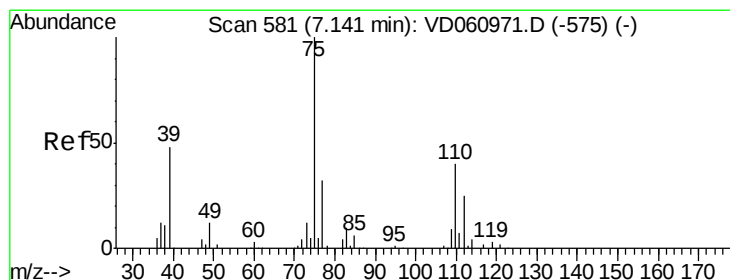
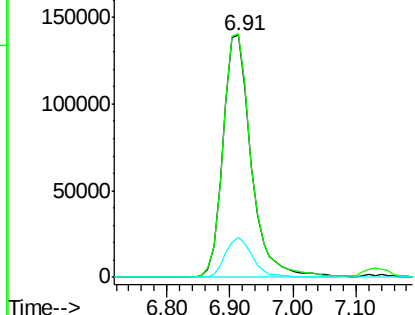
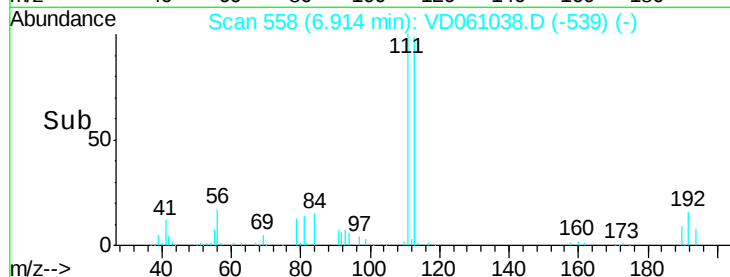
113 100

111 100.6 84.2 126.4

192 16.5 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 19.887 ug/l

RT: 7.13 min Scan# 580

Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

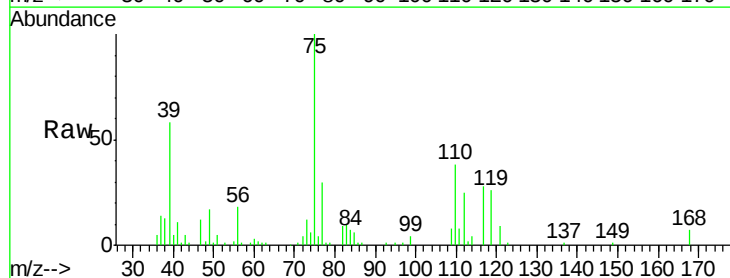
Tgt Ion: 75 Resp: 195196

Ion Ratio Lower Upper

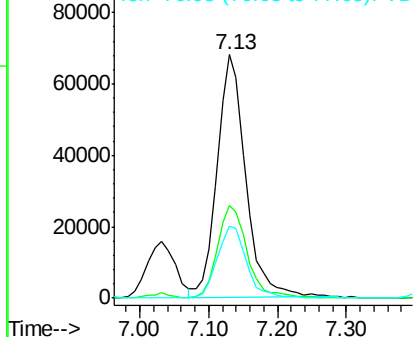
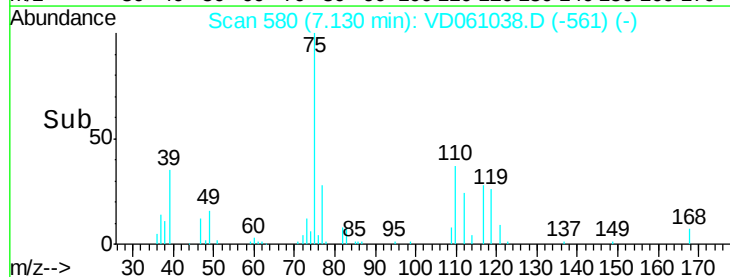
75 100

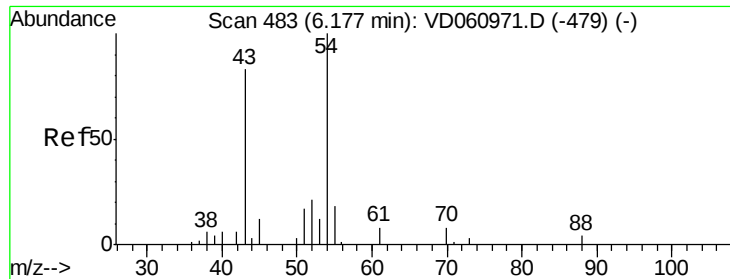
110 38.0 19.7 59.1

77 29.8 24.7 37.1



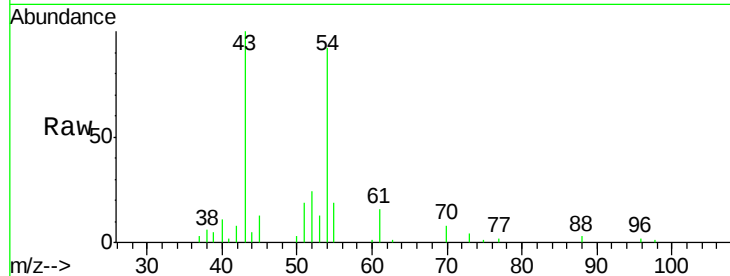
Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC



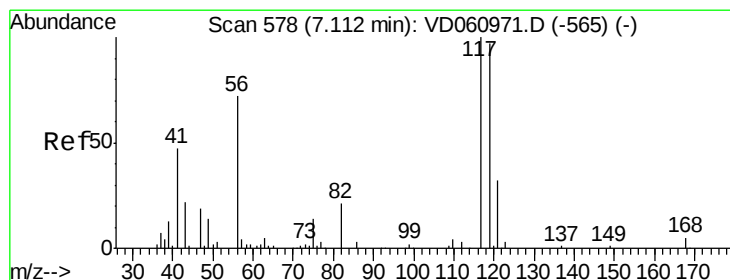
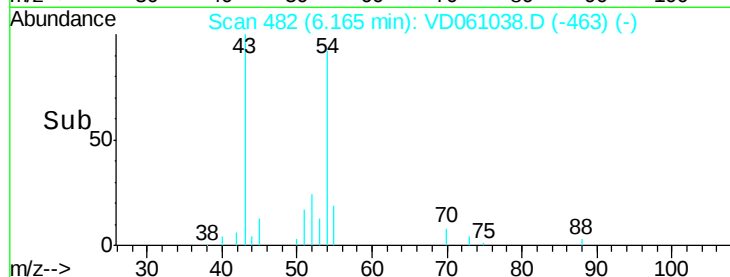
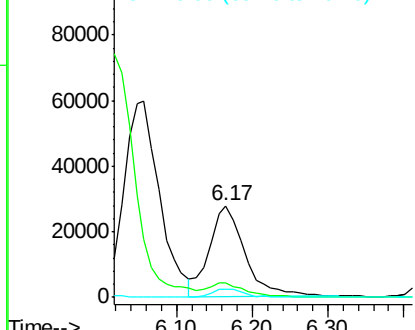


#37
Ethyl Acetate
Concen: 19.696 ug/l
RT: 6.17 min Scan# 482
Delta R.T. -0.01 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion: 43 Resp: 90716
Ion Ratio Lower Upper
43 100
61 15.7 13.7 20.5
70 8.3 7.1 10.7

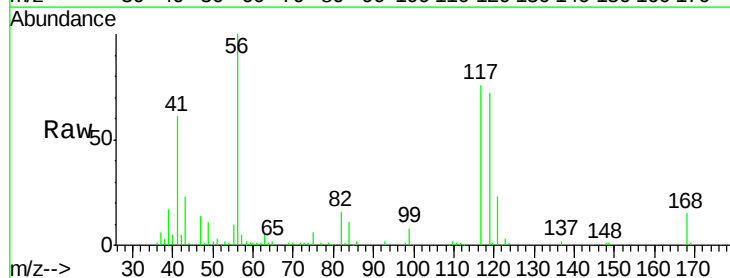


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

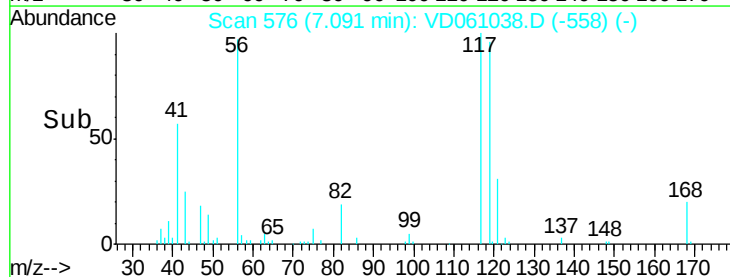
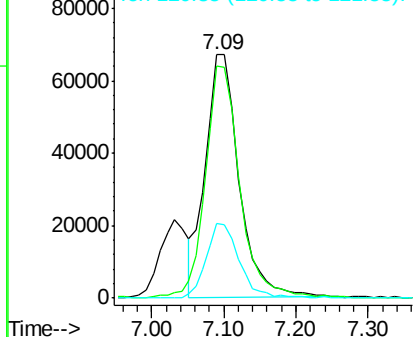


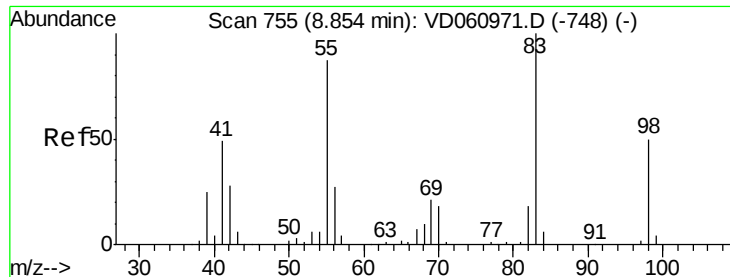
#38
Carbon Tetrachloride
Concen: 19.991 ug/l
RT: 7.09 min Scan# 576
Delta R.T. -0.02 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion: 117 Resp: 216129
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8
121 30.8 25.3 37.9



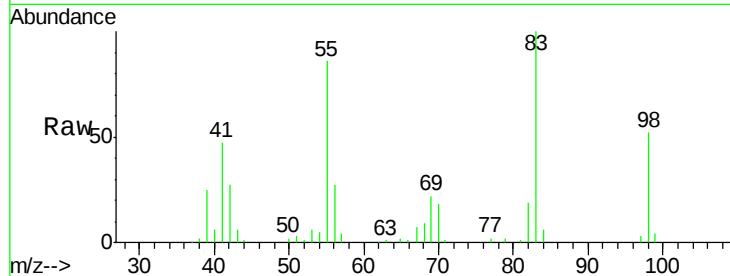
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



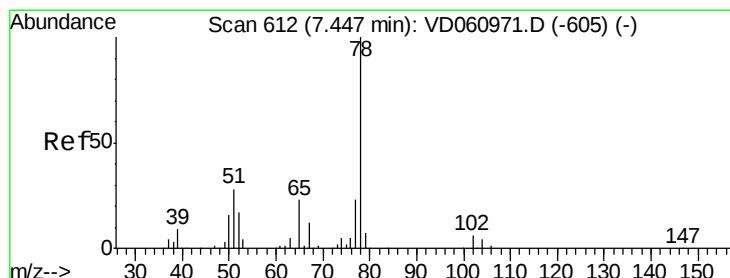
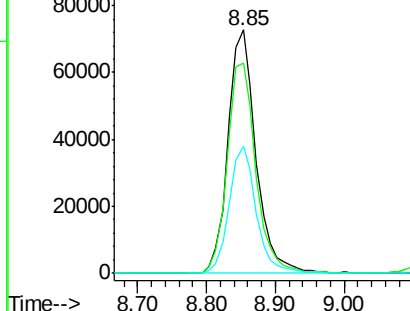
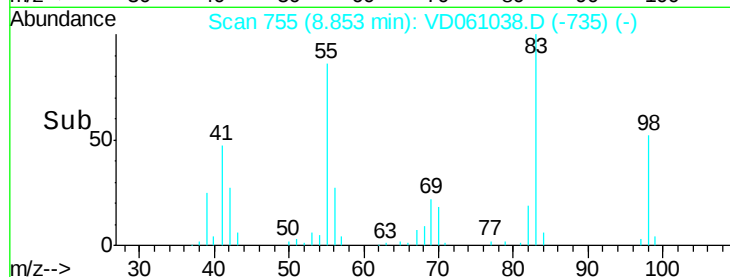


#39
Methvlcvclohexane
Concen: 20.090 ug/l
RT: 8.85 min Scan# 755
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion: 83 Resp: 204463
Ion Ratio Lower Upper
83 100
55 86.4 69.6 104.4
98 52.3 40.0 60.0

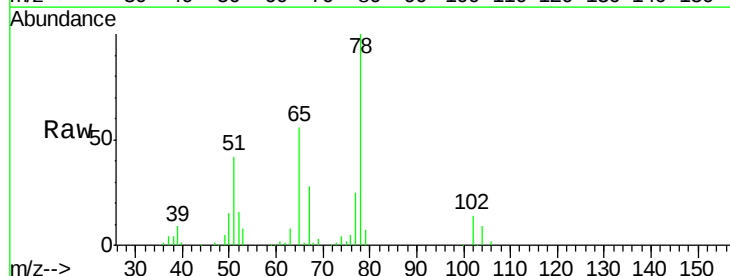


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

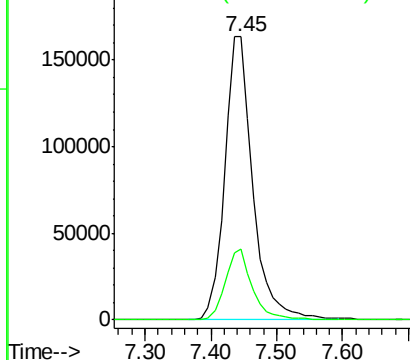
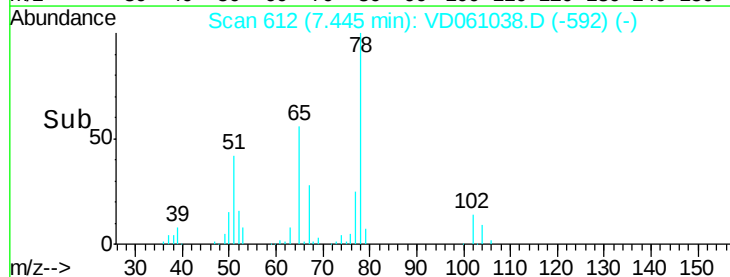


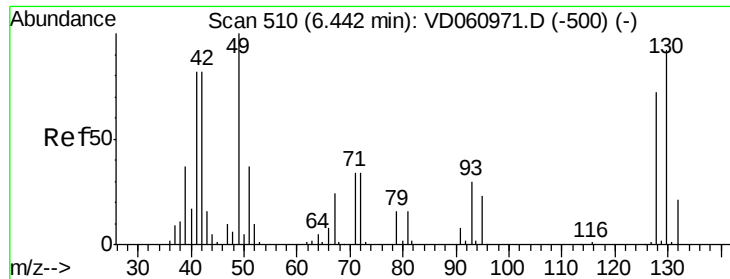
#40
Benzene
Concen: 19.819 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion: 78 Resp: 486080
Ion Ratio Lower Upper
78 100
77 24.8 18.8 28.2



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 19.934 ug/l

RT: 6.43 min Scan# 509

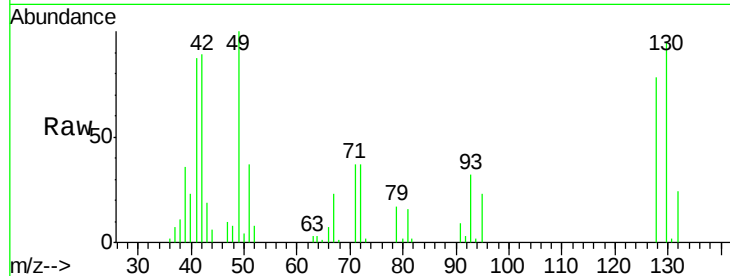
Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

Tot Ion: 41 Resp: 105604

Ion	Ratio	Lower	Upper
41	100		
39	41.3	35.7	53.5
67	26.4	23.0	34.6
52	9.7	9.2	13.8

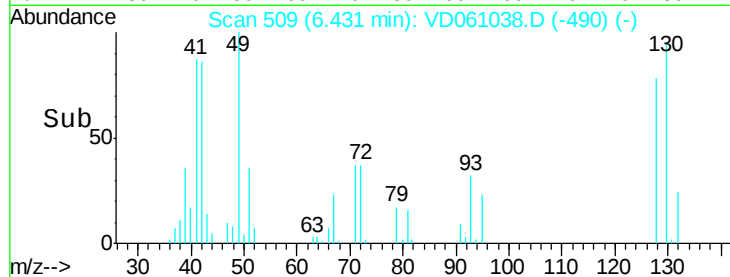


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



Time-->

6.43

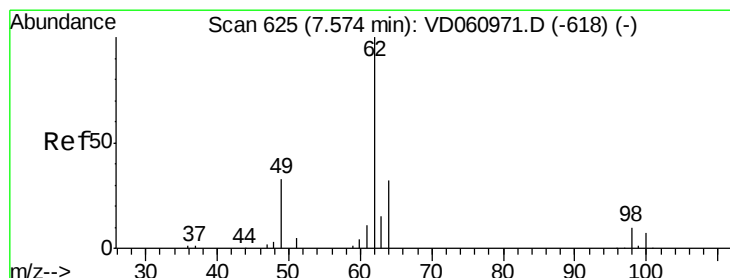
30000

20000

10000

0

6.30 6.40 6.50 6.60



#42

1,2-Dichloroethane

Concen: 20.264 ug/l

RT: 7.56 min Scan# 624

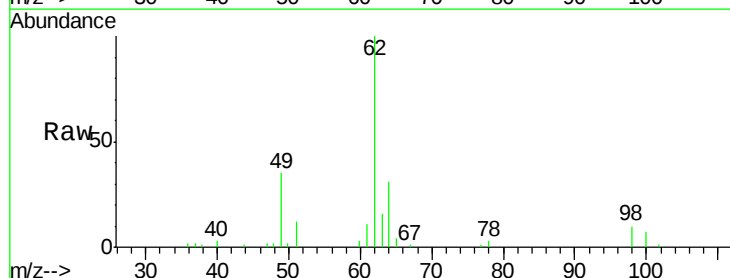
Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

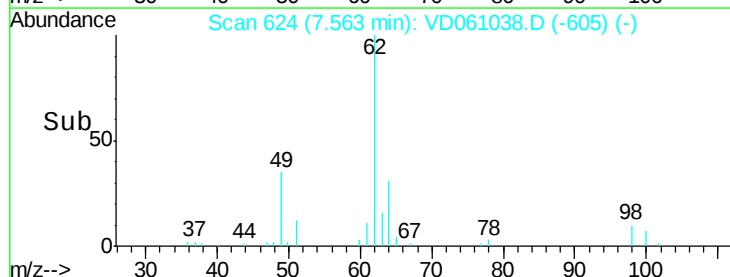
Tgt Ion: 62 Resp: 144222

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



Time-->

7.56

60000

50000

40000

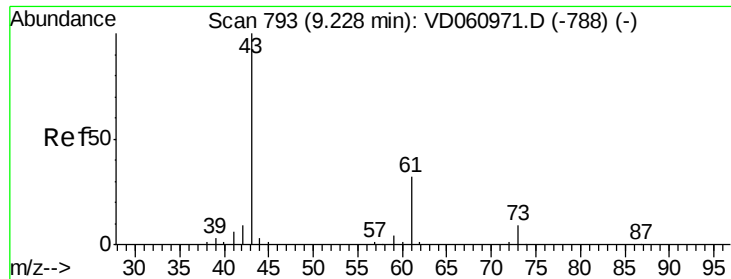
30000

20000

10000

0

7.40 7.50 7.60 7.70



#43

Isopropyl Acetate

Concen: 21.373 ug/l

RT: 9.23 min Scan# 793

Delta R.T. -0.00 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

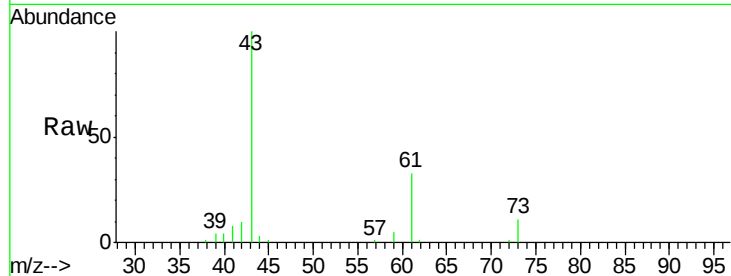
Tot Ion: 43 Resp: 136344

Ion Ratio Lower Upper

43 100

61 32.8 25.6 38.4

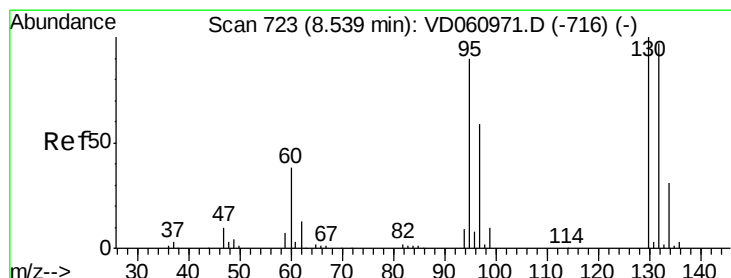
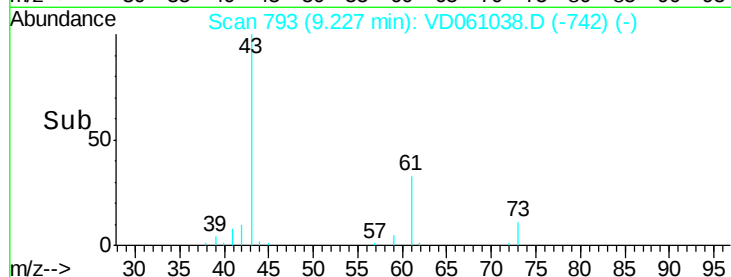
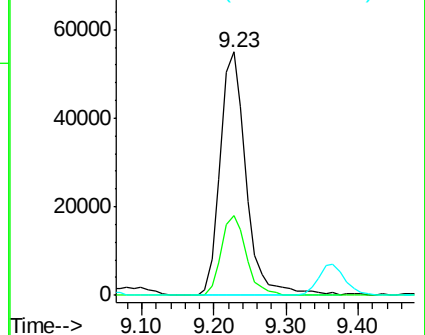
87 0.0 0.2 0.4#



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: 20.462 ug/l

RT: 8.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD061038.D

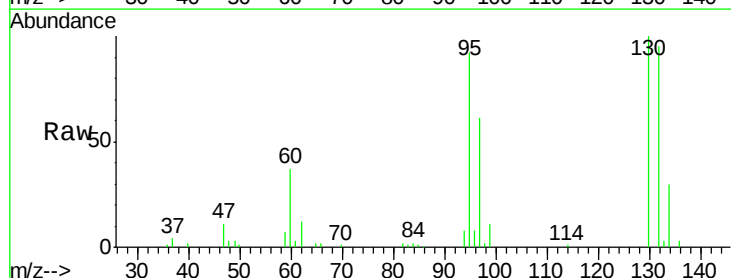
Acq: 13 Mar 2019 13:23

Tgt Ion:130 Resp: 173134

Ion Ratio Lower Upper

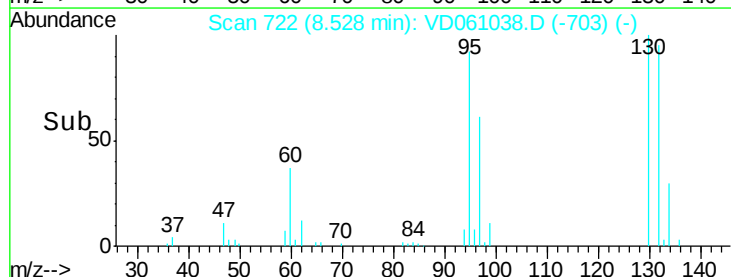
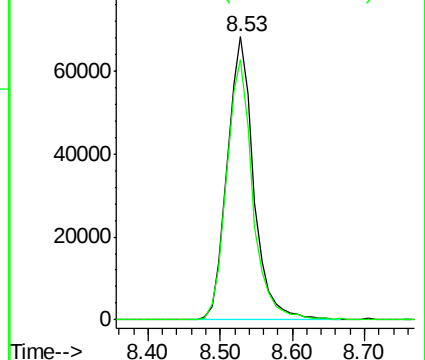
130 100

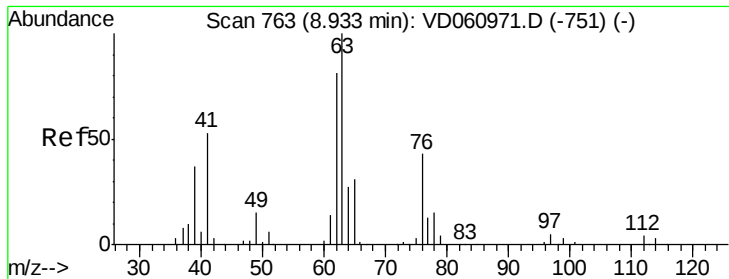
95 91.9 0.0 179.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.613 ug/l

RT: 8.92 min Scan# 762

Delta R.T. -0.01 min

Lab File: VD061038.D

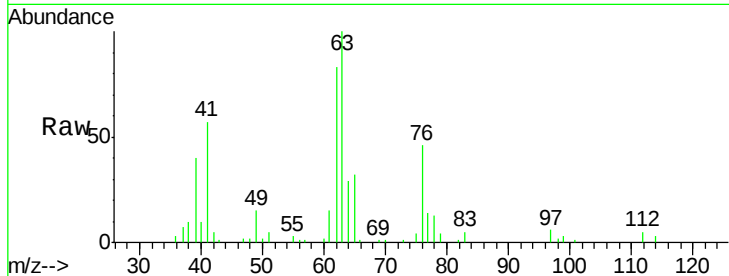
Acq: 13 Mar 2019 13:23

Tot Ion: 63 Resp: 126370

Ion Ratio Lower Upper

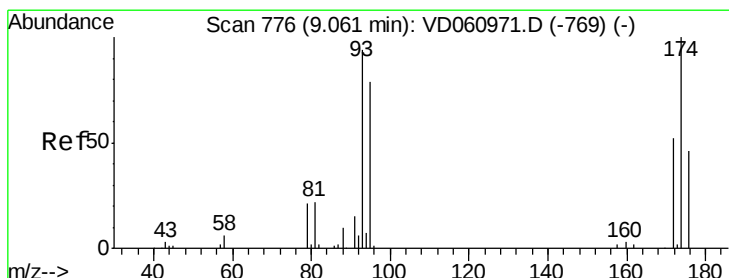
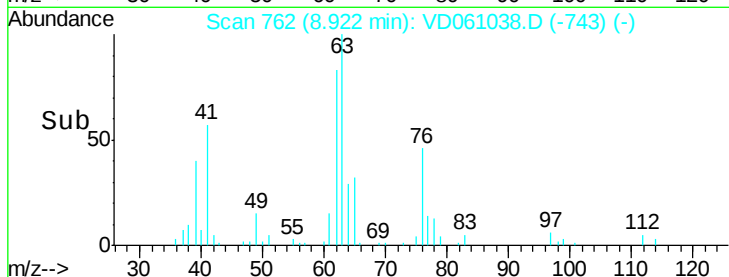
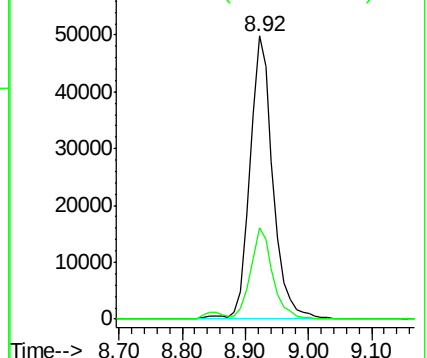
63 100

65 32.4 24.8 37.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 20.572 ug/l

RT: 9.05 min Scan# 775

Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

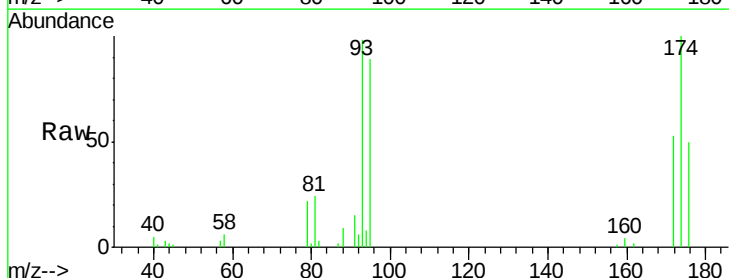
Tgt Ion: 93 Resp: 84081

Ion Ratio Lower Upper

93 100

95 90.5 67.4 101.0

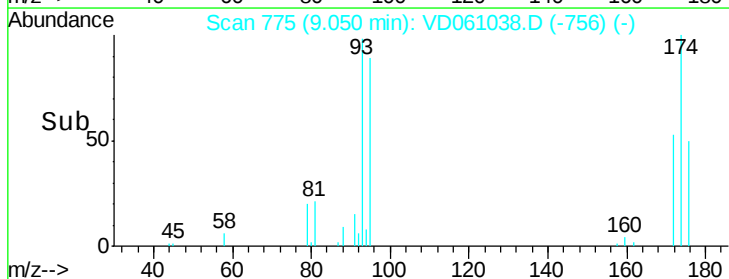
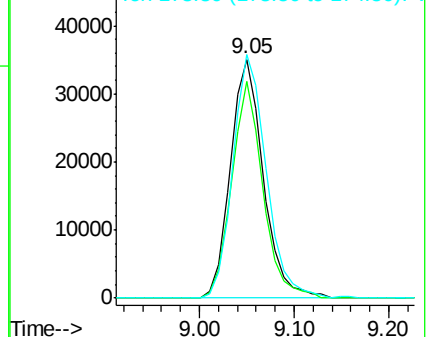
174 101.9 85.4 128.0

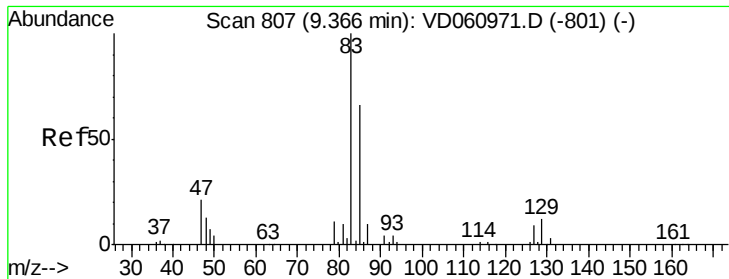


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 20.565 ug/l

RT: 9.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

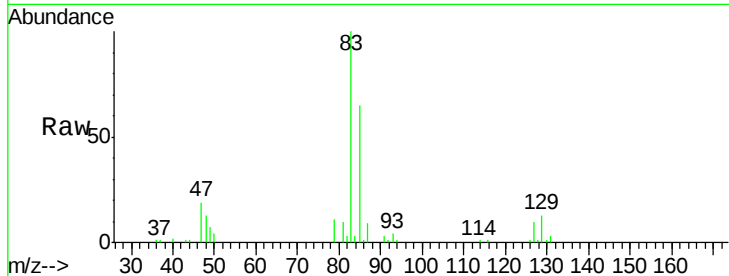
Tot Ion: 83 Resp: 189672

Ion Ratio Lower Upper

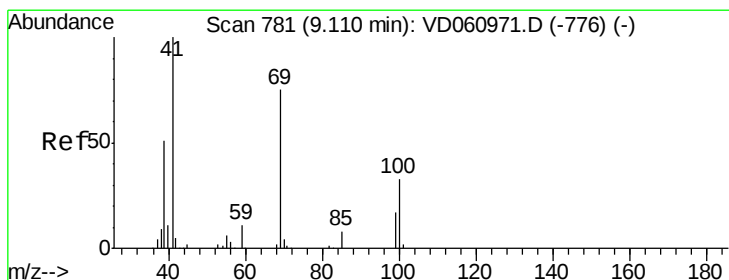
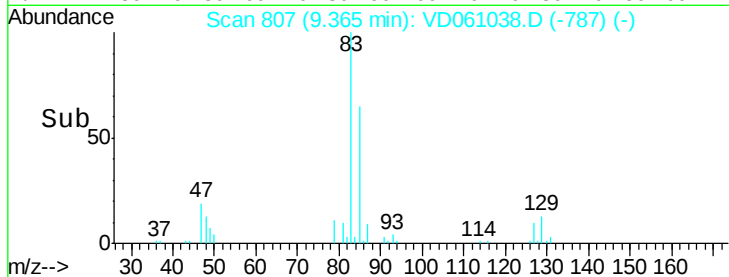
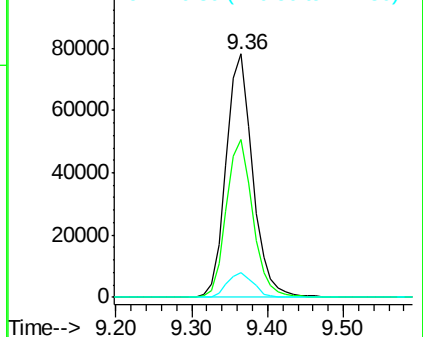
83 100

85 64.9 52.5 78.7

127 10.4 7.5 11.3



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: 20.720 ug/l

RT: 9.11 min Scan# 781

Delta R.T. -0.00 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

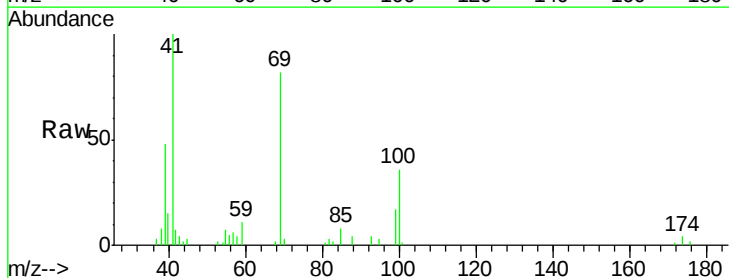
Tgt Ion: 41 Resp: 74422

Ion Ratio Lower Upper

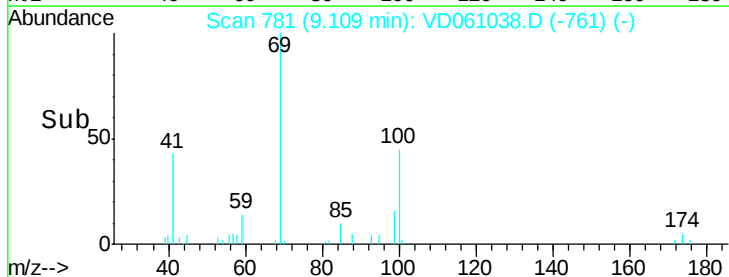
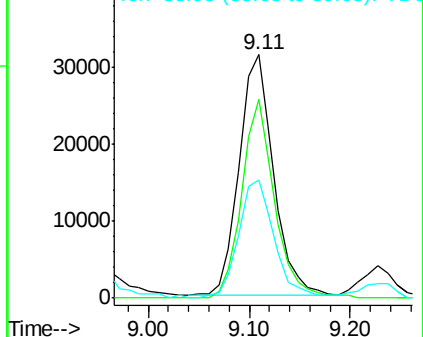
41 100

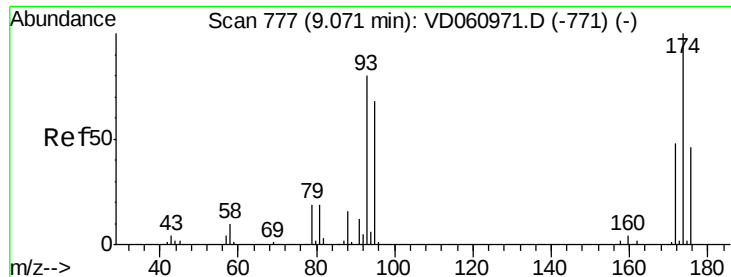
69 81.7 59.9 89.9

39 48.4 40.9 61.3



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: 449.432 ug/l

RT: 9.06 min Scan# 776

Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

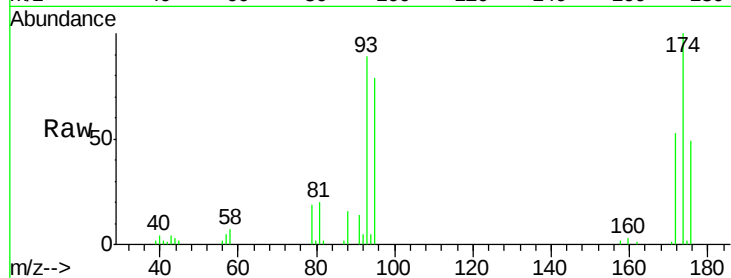
Tot Ion: 88 Resp: 16323

Ion Ratio Lower Upper

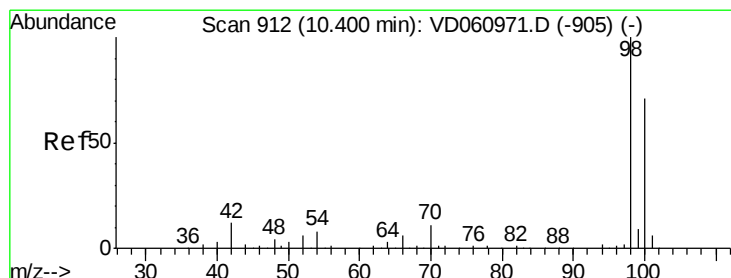
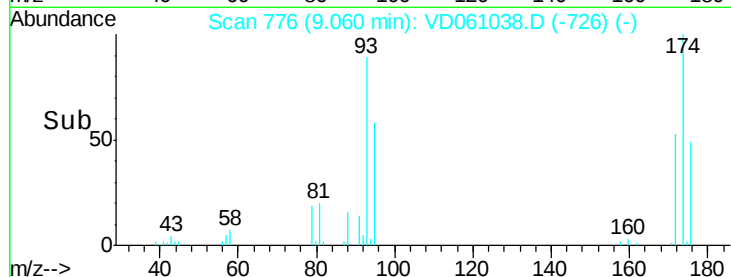
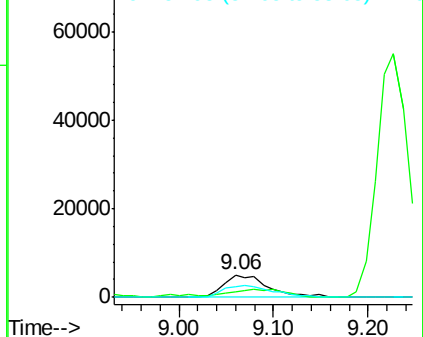
88 100

43 24.7 21.0 31.6

58 45.5 48.6 72.8#



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: 449.432 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061038.D

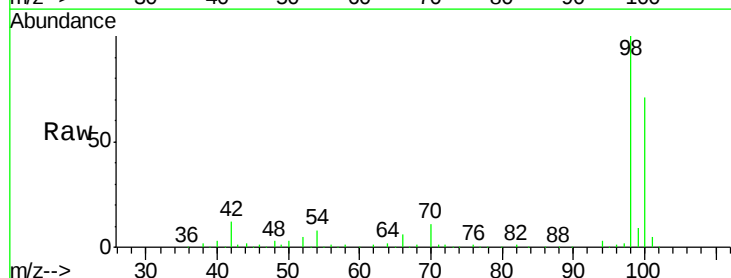
Acq: 13 Mar 2019 13:23

Tgt Ion: 98 Resp: 1085921

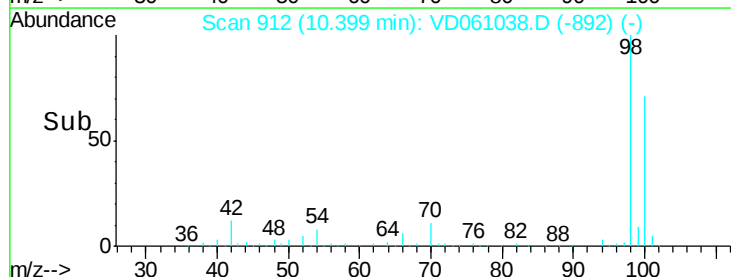
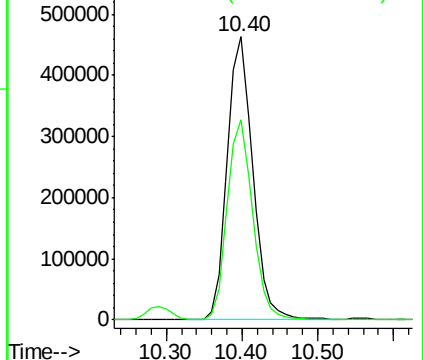
Ion Ratio Lower Upper

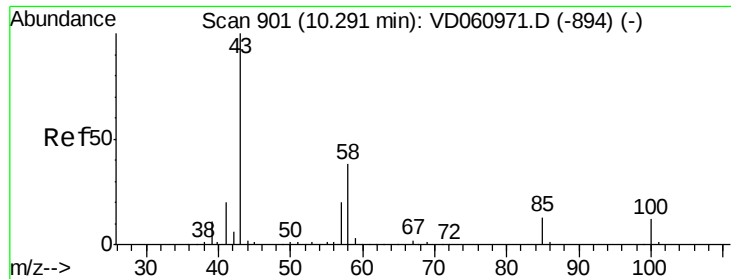
98 100

100 70.5 57.4 86.2



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: 105.108 ug/l

RT: 10.29 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD061038.D

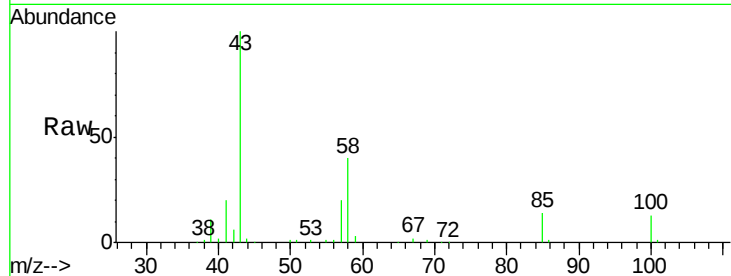
Acq: 13 Mar 2019 13:23

Tot Ion: 43 Resp: 410774

Ion Ratio Lower Upper

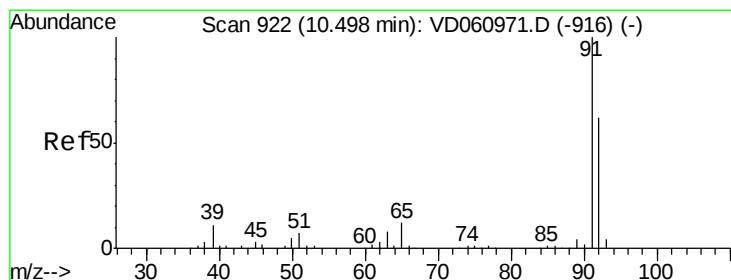
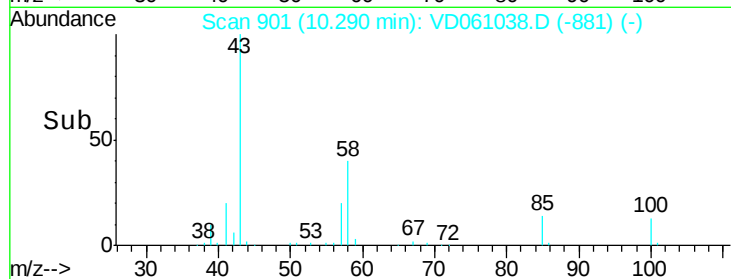
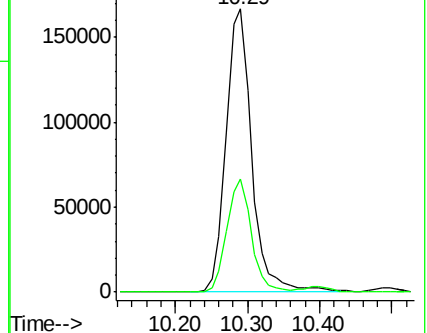
43 100

58 40.1 30.2 45.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 21.977 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD061038.D

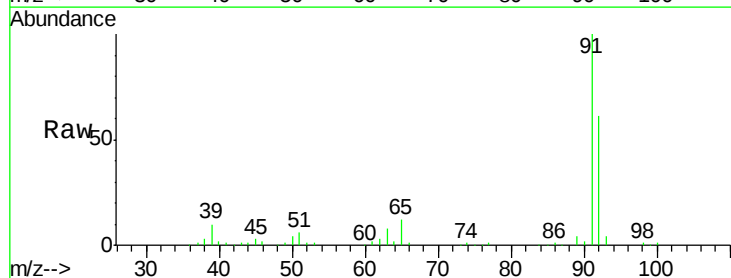
Acq: 13 Mar 2019 13:23

Tgt Ion: 92 Resp: 335159

Ion Ratio Lower Upper

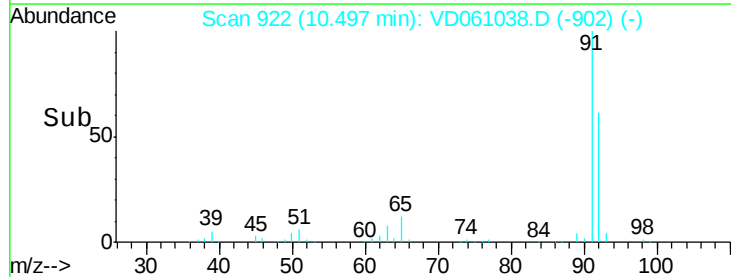
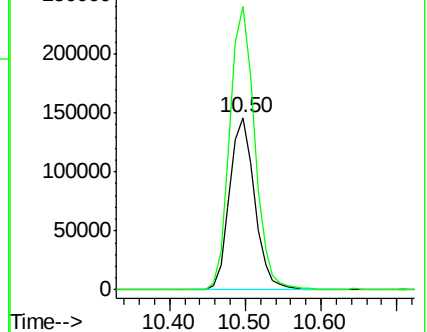
92 100

91 164.1 129.8 194.8



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: 19.517 ug/l

RT: 10.90 min Scan# 963

Delta R.T. -0.00 min

Lab File: VD061038.D

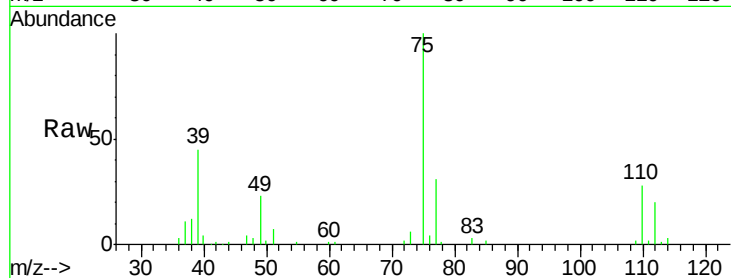
Acq: 13 Mar 2019 13:23

Tot Ion: 75 Resp: 164597

Ion Ratio Lower Upper

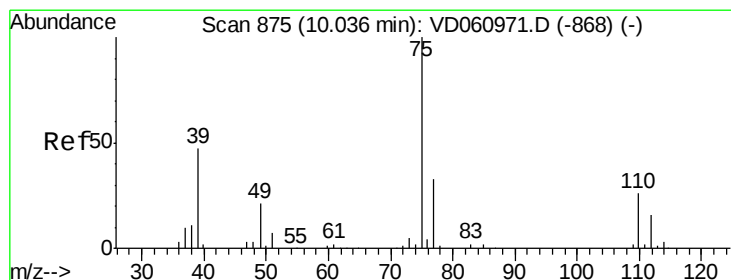
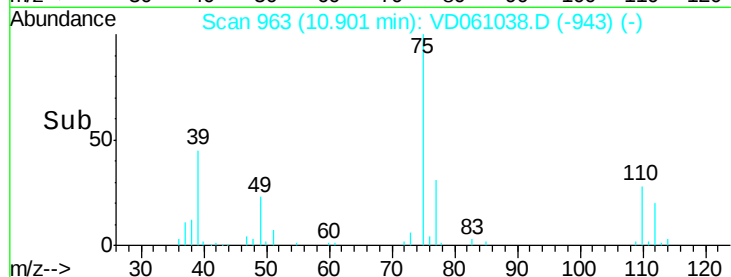
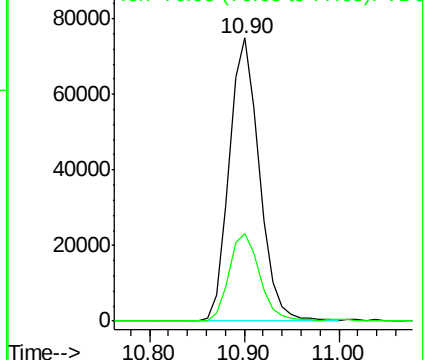
75 100

77 31.0 24.7 37.1



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: 19.890 ug/l

RT: 10.02 min Scan# 874

Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

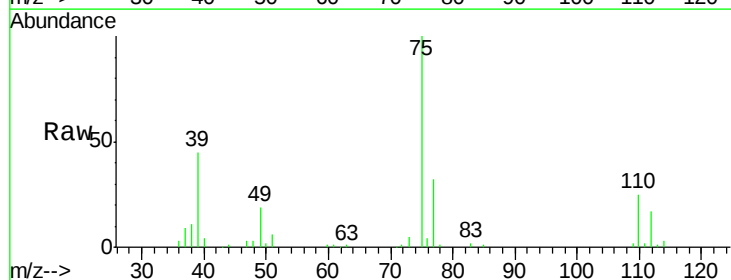
Tgt Ion: 75 Resp: 201549

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4

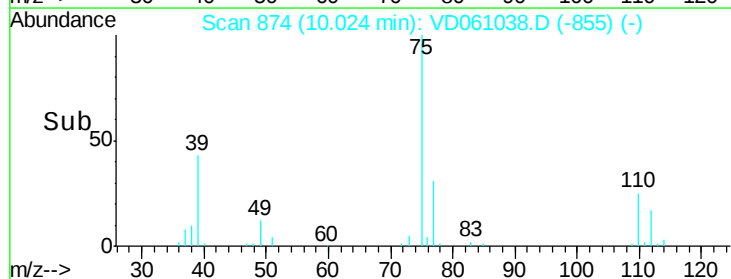
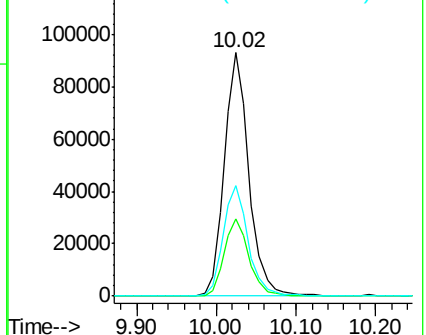
39 45.5 37.8 56.8



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: 20.404 ug/l

RT: 11.18 min Scan# 991

Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

Tot Ion: 97 Resp: 103629

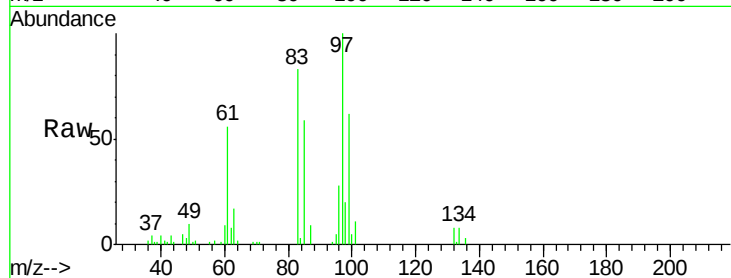
Ion Ratio Lower Upper

97 100

83 83.2 66.6 100.0

85 58.5 46.4 69.6

99 62.4 52.4 78.6

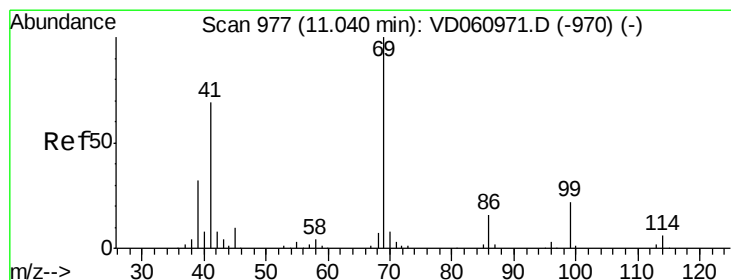
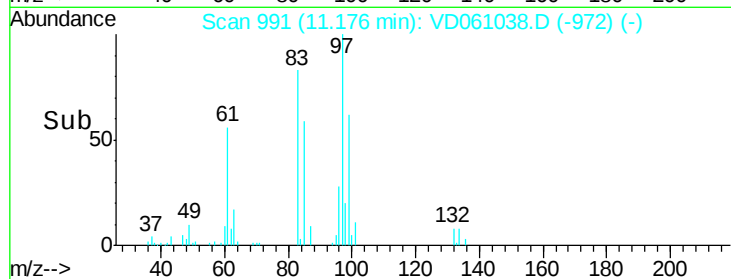
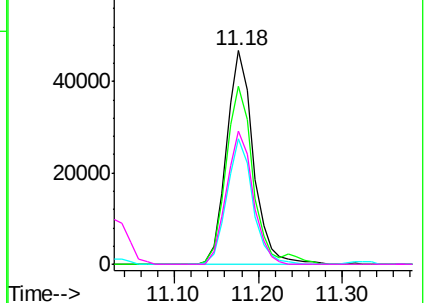


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 19.376 ug/l

RT: 11.03 min Scan# 976

Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

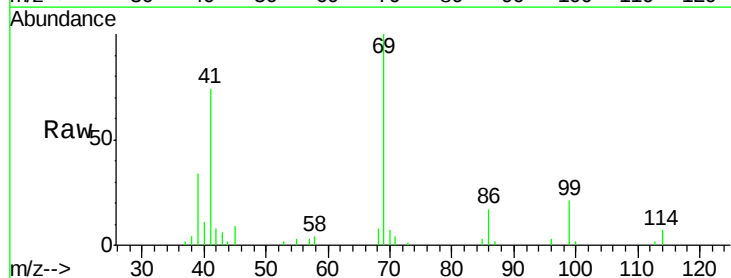
Tgt Ion: 69 Resp: 103002

Ion Ratio Lower Upper

69 100

41 74.3 55.5 83.3

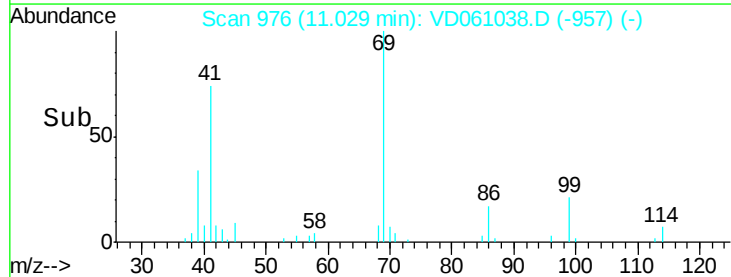
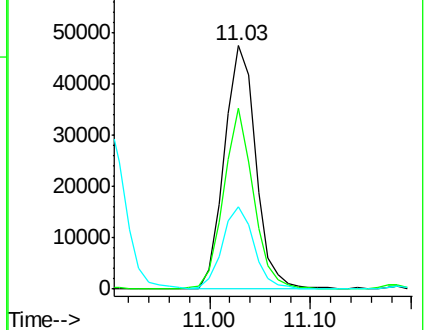
39 33.7 26.2 39.2

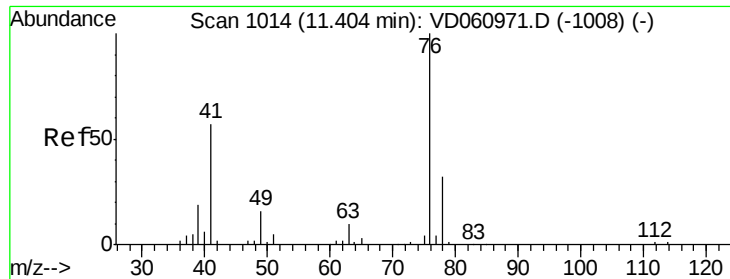


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

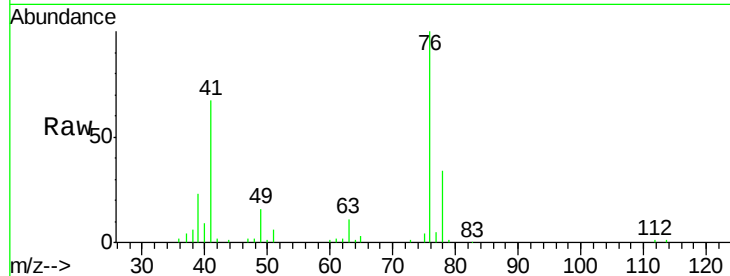
Ion 38.95 (38.65 to 39.65): VDC



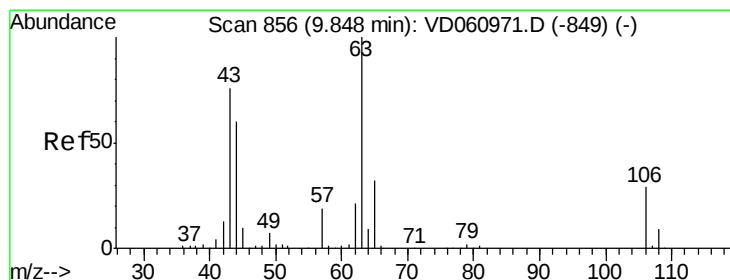
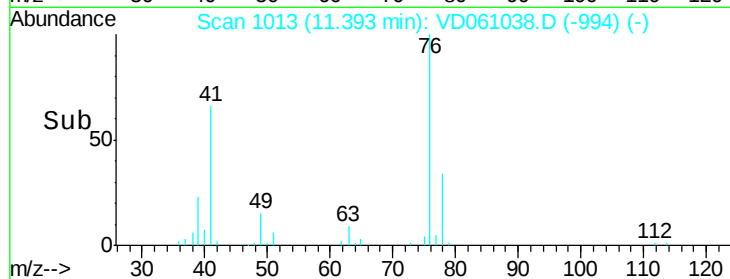
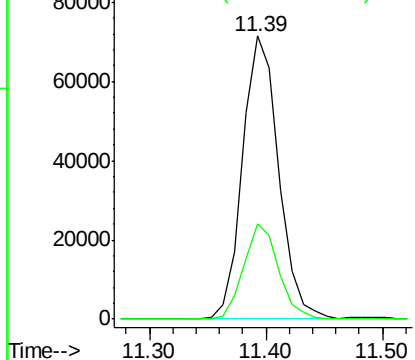


#57
 1,3-Dichloropropane
 Concen: 20.146 ug/l
 RT: 11.39 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VD061038.D
 Acq: 13 Mar 2019 13:23

Tot Ion: 76 Resp: 152900
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.4 38.0

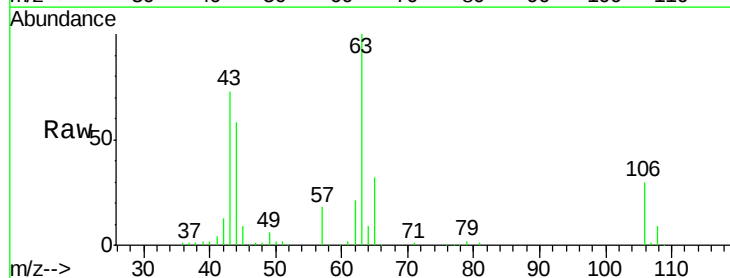


Abundance Ion 75.95 (75.65 to 76.65): VDC
 Ion 77.95 (77.65 to 78.65): VDC

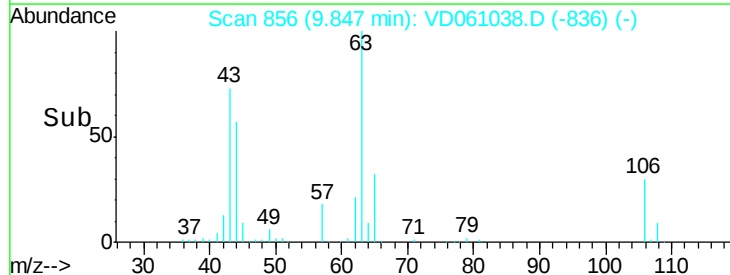
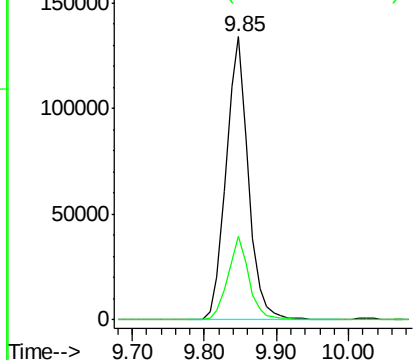


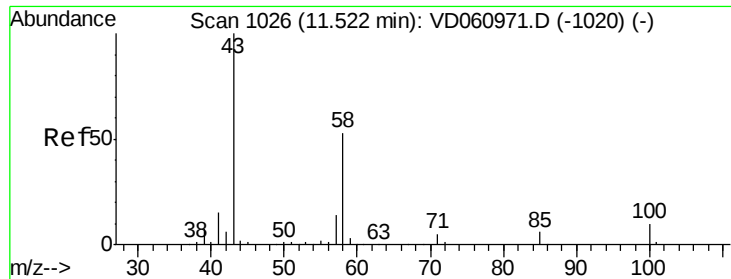
#58
 2-Chloroethyl Vinyl ether
 Concen: 101.460 ug/l
 RT: 9.85 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VD061038.D
 Acq: 13 Mar 2019 13:23

Tgt Ion: 63 Resp: 285499
 Ion Ratio Lower Upper
 63 100
 106 29.6 22.8 34.2



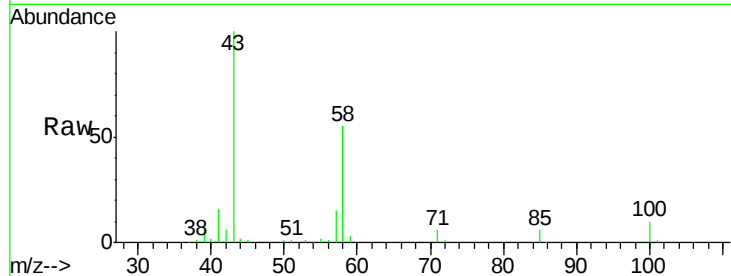
Abundance Ion 62.95 (62.65 to 63.65): VDC
 Ion 105.95 (105.65 to 106.65): V



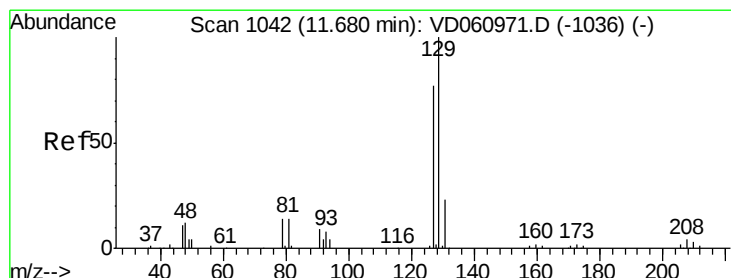
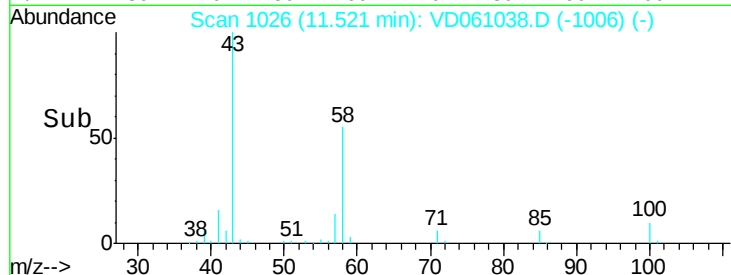
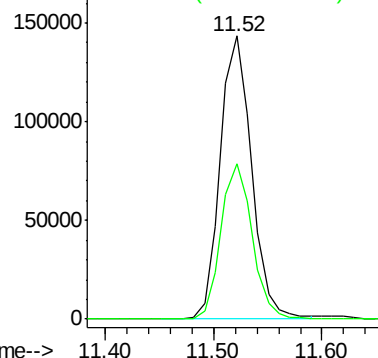


#59
2-Hexanone
Concen: 101.292 ug/l
RT: 11.52 min Scan# 1026
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion: 43 Resp: 289570
Ion Ratio Lower Upper
43 100
58 54.7 26.5 79.5

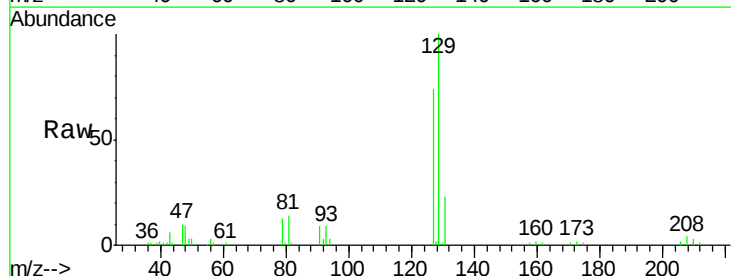


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

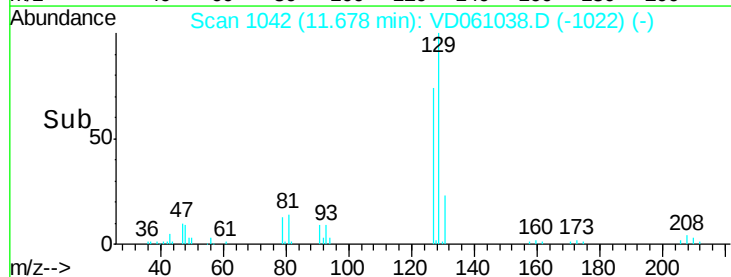
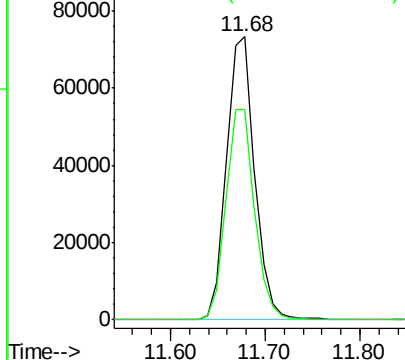


#60
Dibromochloromethane
Concen: 20.243 ug/l
RT: 11.68 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion: 129 Resp: 151309
Ion Ratio Lower Upper
129 100
127 74.4 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 20.515 ug/l

RT: 11.80 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VD061038.D

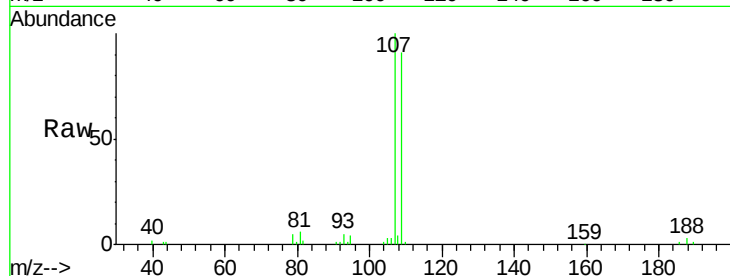
Acq: 13 Mar 2019 13:23

Tot Ion:107 Resp: 121206

Ion Ratio Lower Upper

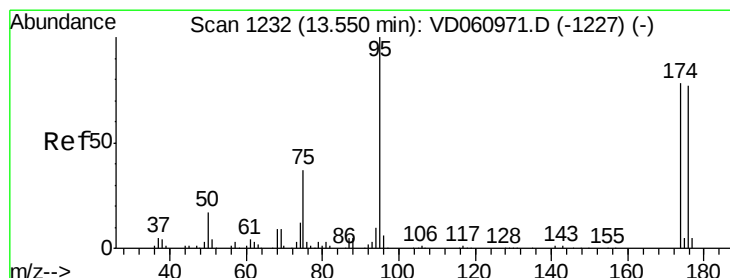
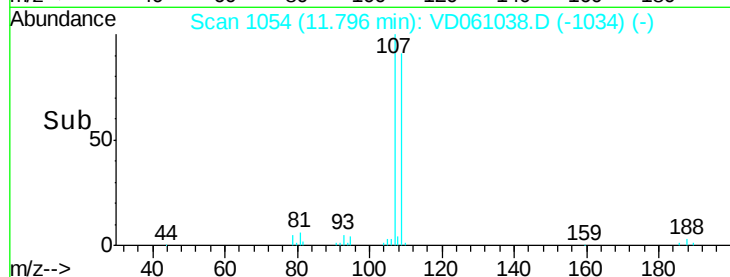
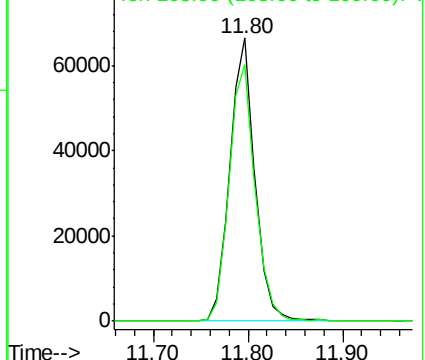
107 100

109 90.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 20.515 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

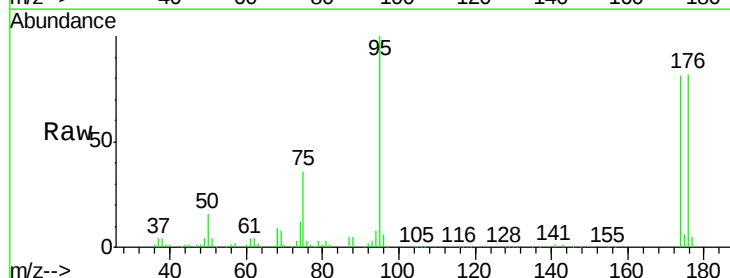
Tgt Ion: 95 Resp: 399305

Ion Ratio Lower Upper

95 100

174 81.0 0.0 155.6

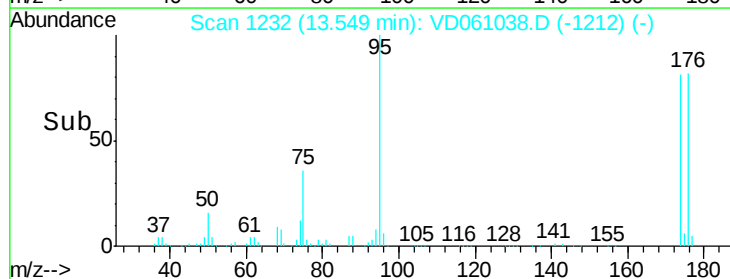
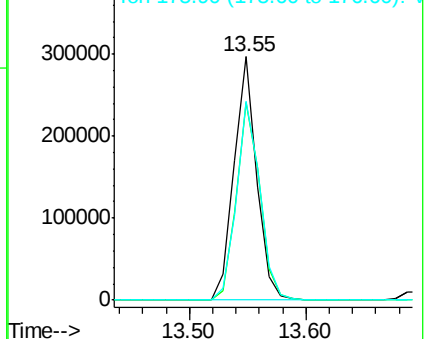
176 81.6 0.0 153.8

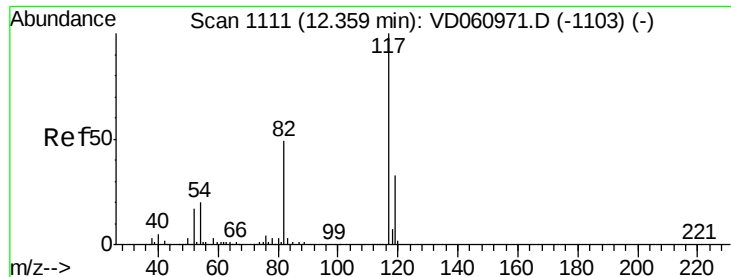


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

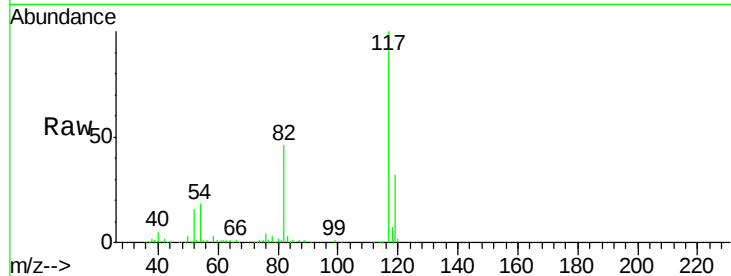
Ion 175.90 (175.60 to 176.60): V



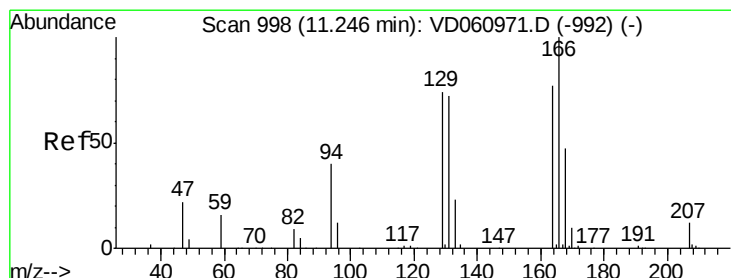
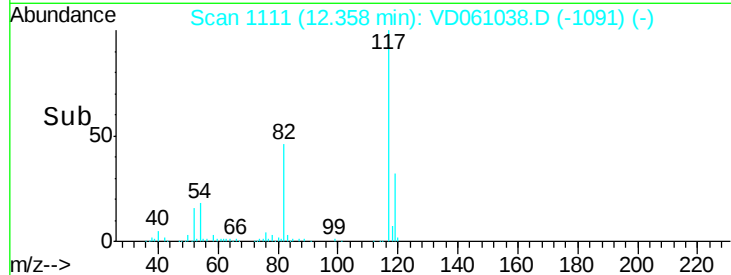
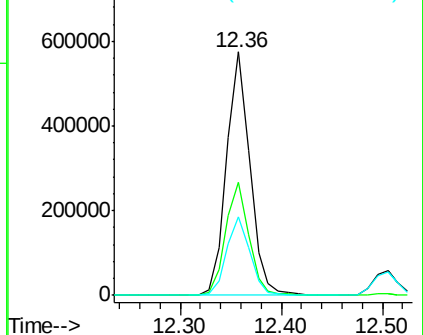


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion	Ratio	Lower	Upper
117	100		
82	46.5	38.9	58.3
119	32.1	26.6	39.8



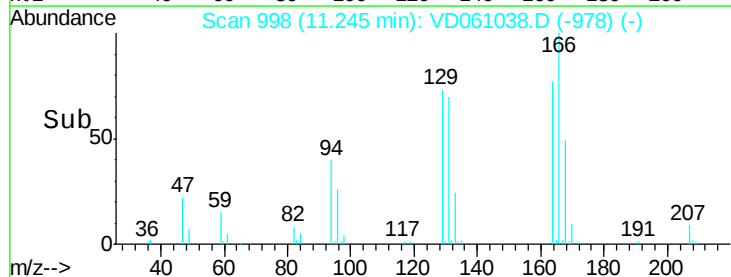
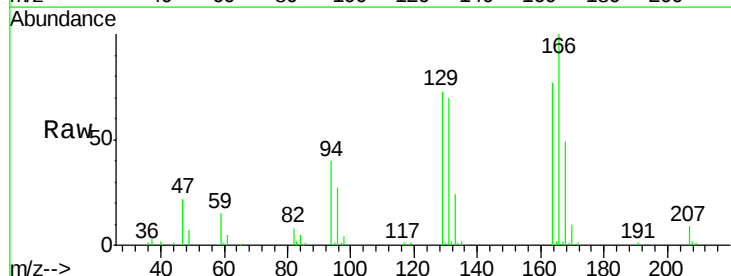
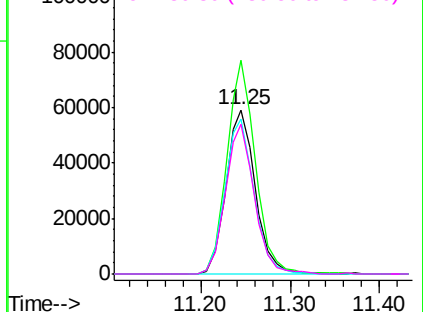
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

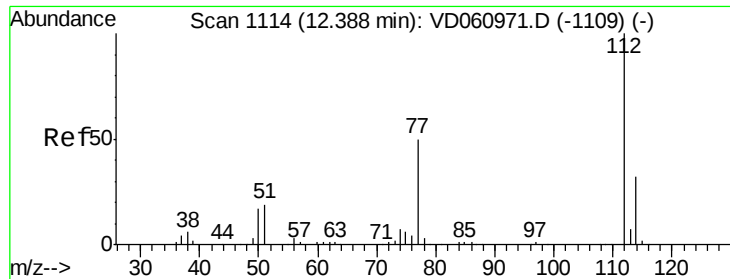


#64
Tetrachloroethene
Concen: 21.726 ug/l
RT: 11.25 min Scan# 998
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	103.4	155.0
129	94.7	76.9	115.3
131	91.6	74.4	111.6

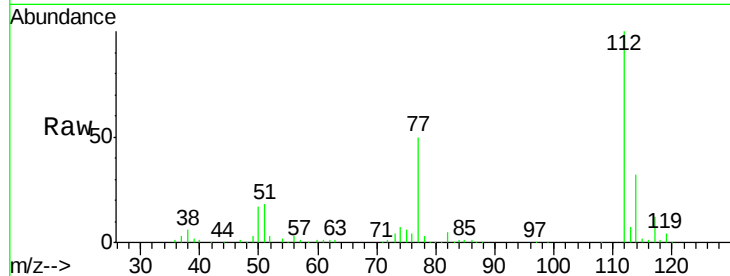
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



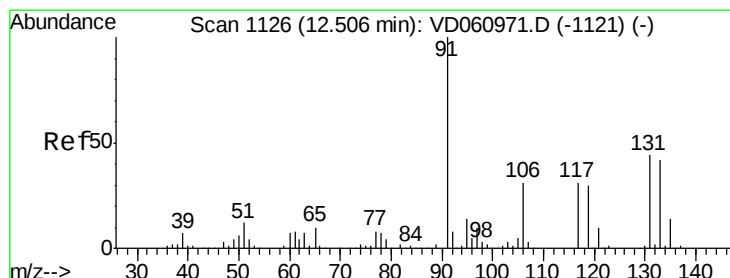
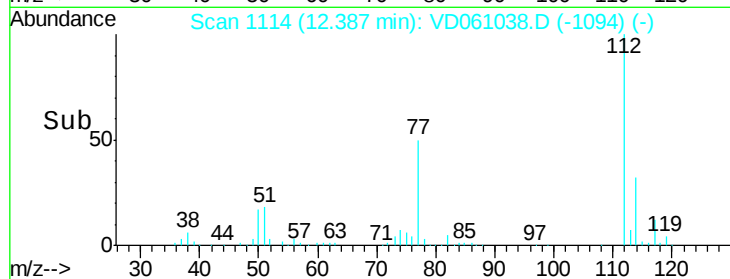
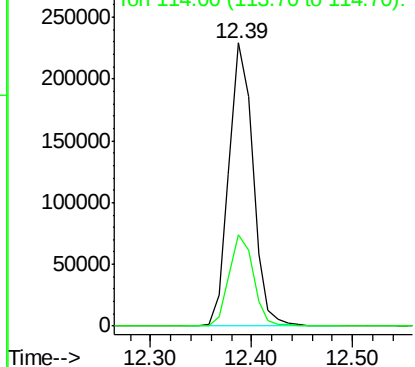


#65
Chlorobenzene
Concen: 21.017 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion:112 Resp: 382020
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

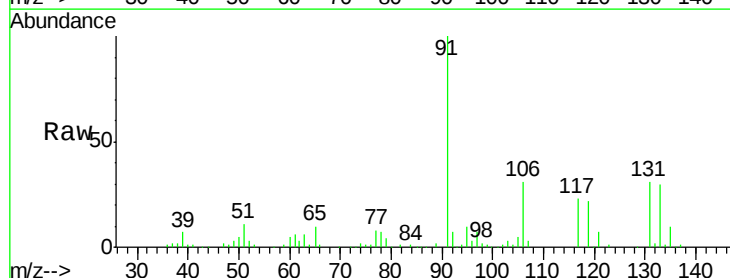


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

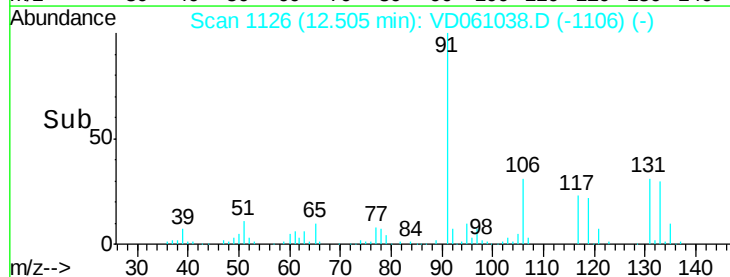
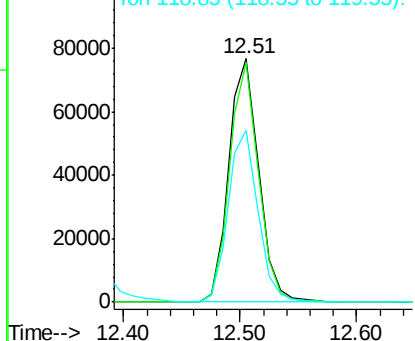


#66
1,1,1,2-Tetrachloroethane
Concen: 21.080 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion:131 Resp: 136583
Ion Ratio Lower Upper
131 100
133 98.3 47.8 143.3
119 70.7 34.3 102.9



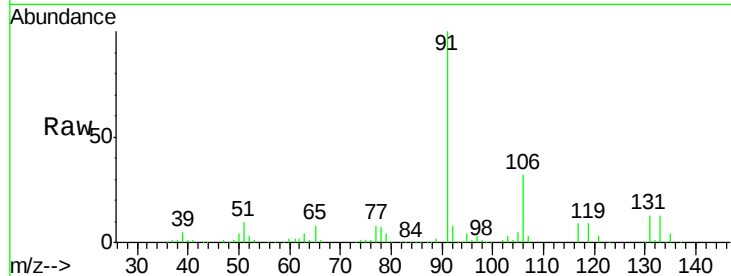
Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V



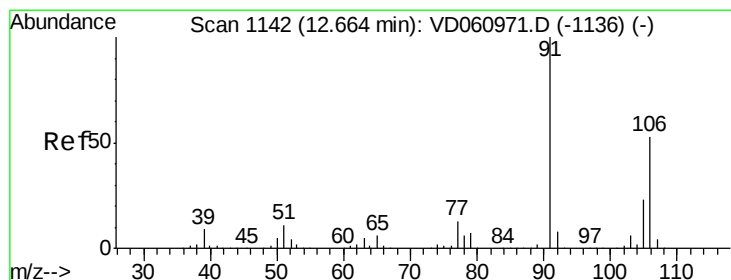
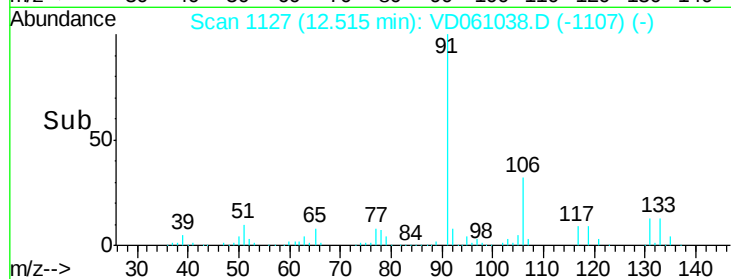
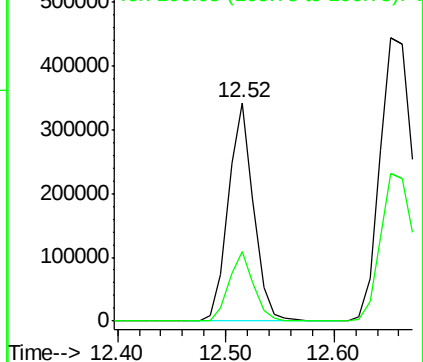


#67
Ethyl Benzene
Concen: 20.486 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion: 91 Resp: 554384
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5

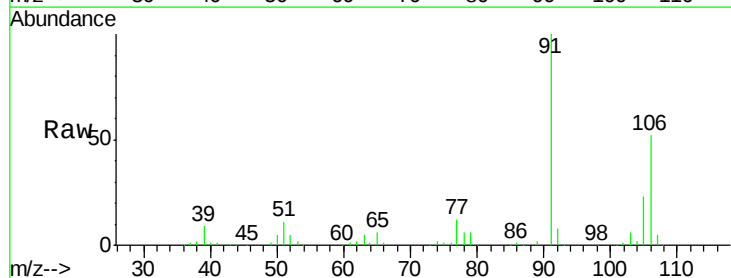


Abundance Ion 91.00 (90.70 to 91.70): VD061038.D (-1122) (-)
Ion 106.05 (105.75 to 106.75): VD061038.D (-1122) (-)

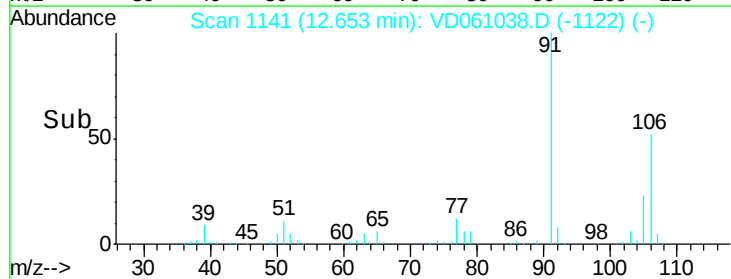
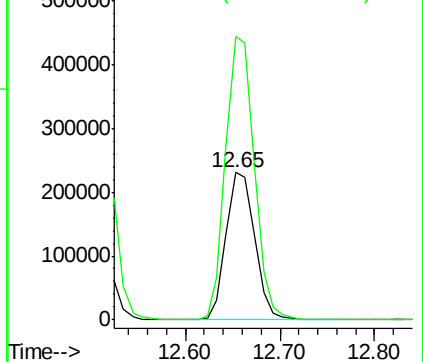


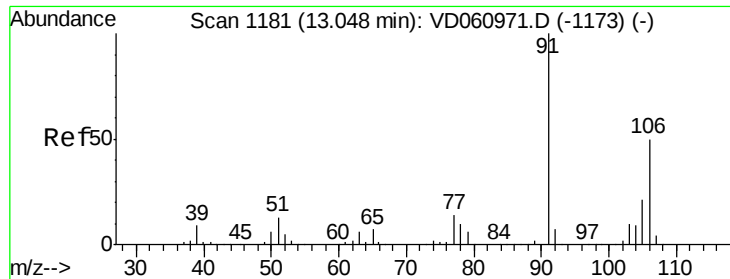
#68
m/p-Xylenes
Concen: 45.598 ug/l
RT: 12.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion: 106 Resp: 484303
Ion Ratio Lower Upper
106 100
91 192.0 152.0 228.0



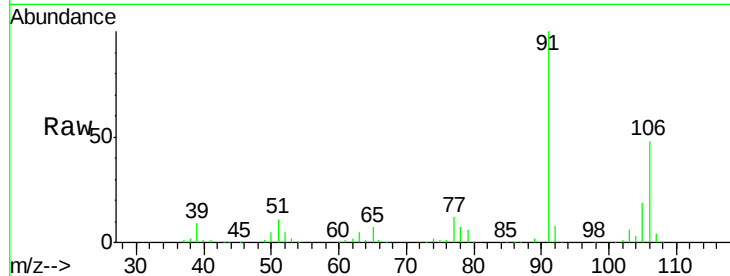
Abundance Ion 106.05 (105.75 to 106.75): VD061038.D (-1142) (-)
Ion 91.00 (90.70 to 91.70): VD061038.D (-1142) (-)



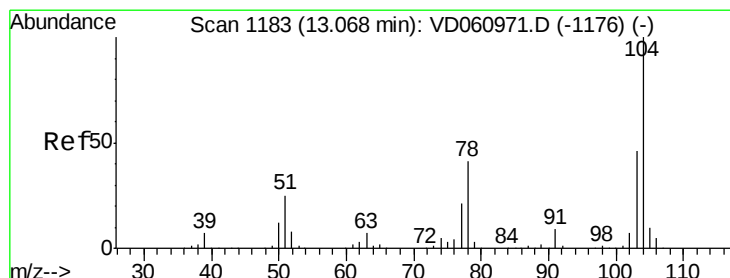
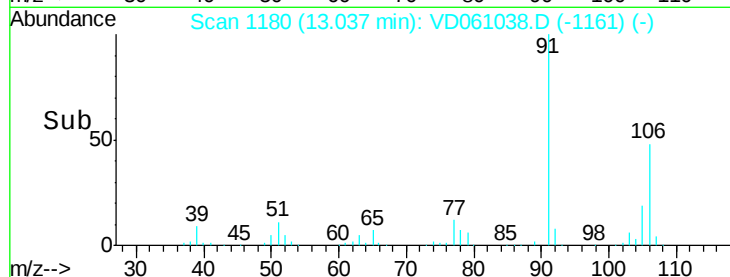
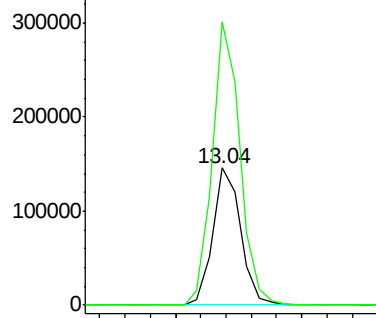


#69
o-Xylene
Concen: 21.342 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion:106 Resp: 222812
Ion Ratio Lower Upper
106 100
91 206.7 99.8 299.3

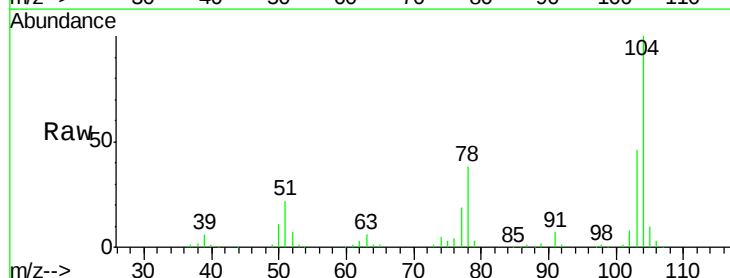


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

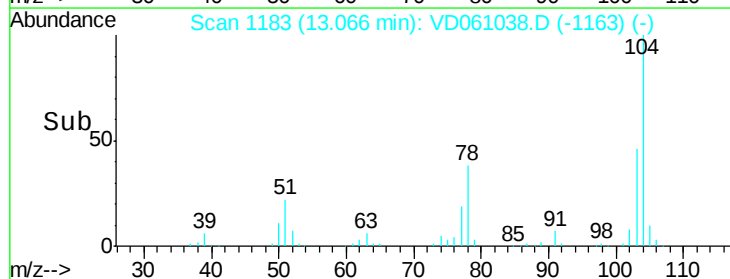
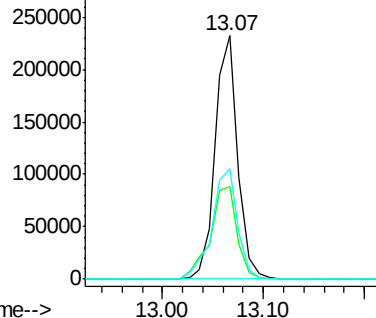


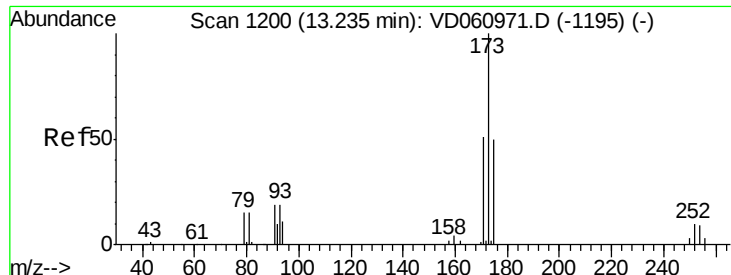
#70
Styrene
Concen: 21.182 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion:104 Resp: 361111
Ion Ratio Lower Upper
104 100
78 38.2 33.0 49.4
103 45.6 37.1 55.7



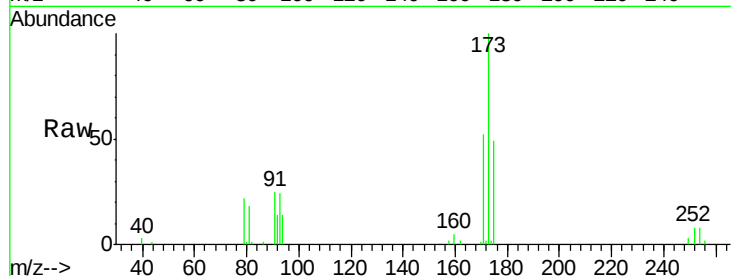
Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V



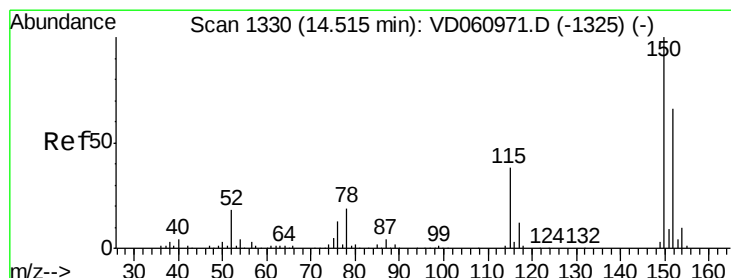
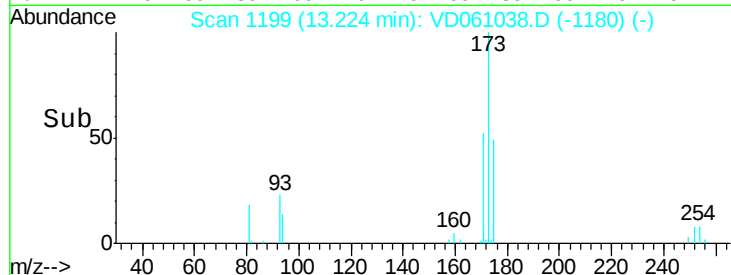
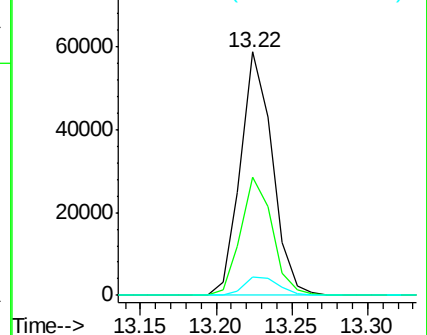


#71
 Bromoform
 Concen: 20.661 ug/l
 RT: 13.22 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: VD061038.D
 Acq: 13 Mar 2019 13:23

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.8
254	7.7	7.3	10.9

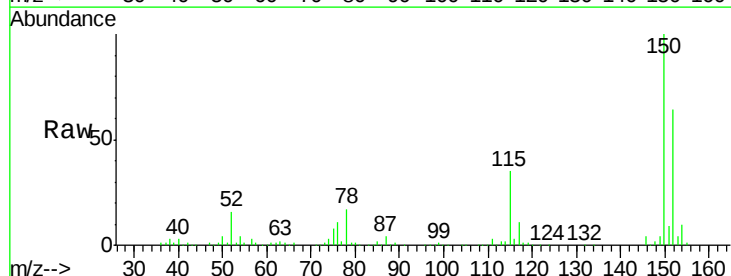


Abundance Ion 172.80 (172.50 to 173.50): V
 Ion 174.80 (174.50 to 175.50): V
 Ion 253.70 (253.40 to 254.40): V

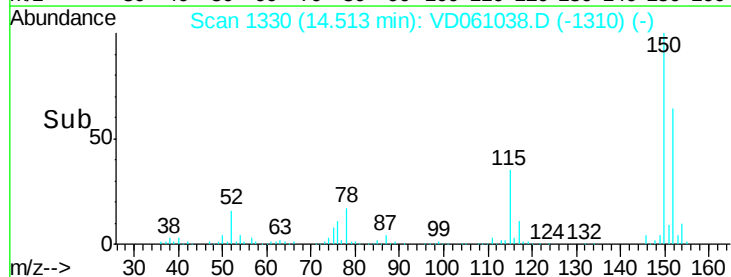
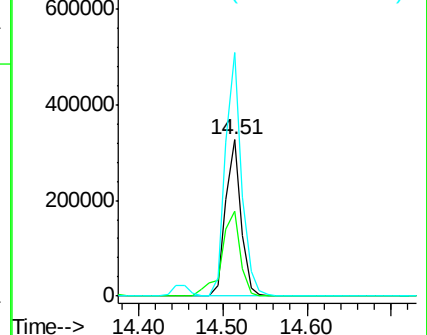


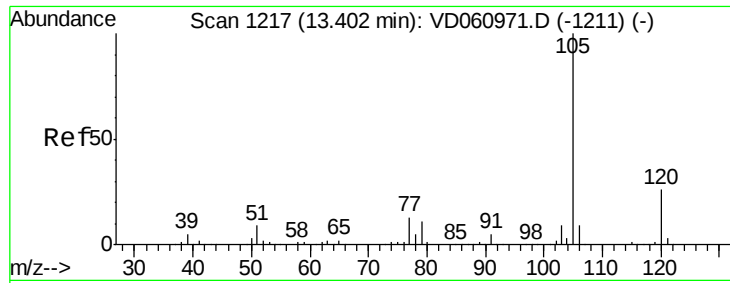
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061038.D
 Acq: 13 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	28.6	85.9
150	155.6	0.0	310.6



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: 19.691 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD061038.D

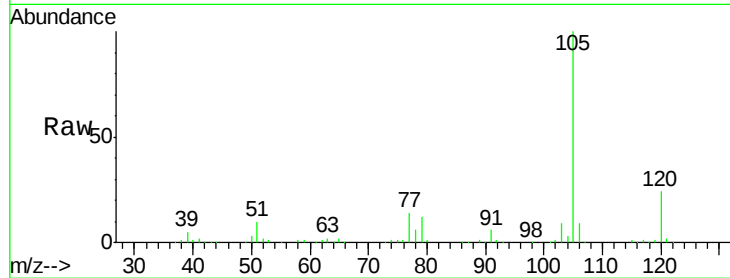
Acq: 13 Mar 2019 13:23

Tot Ion:105 Resp: 590463

Ion Ratio Lower Upper

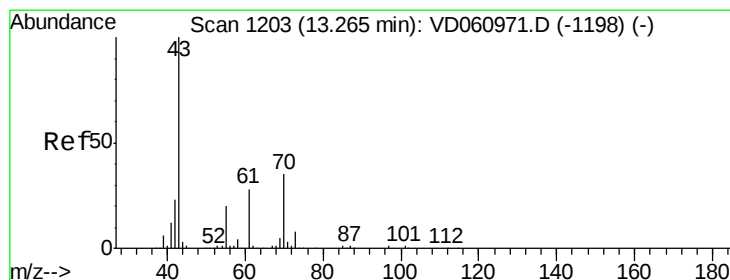
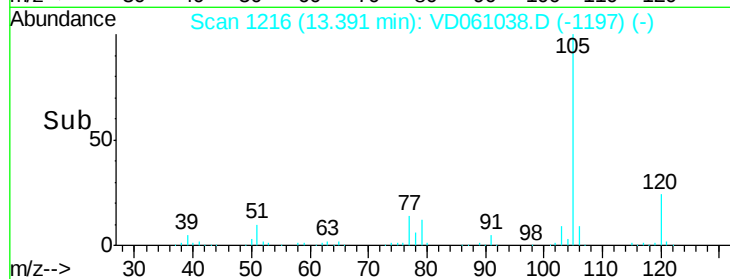
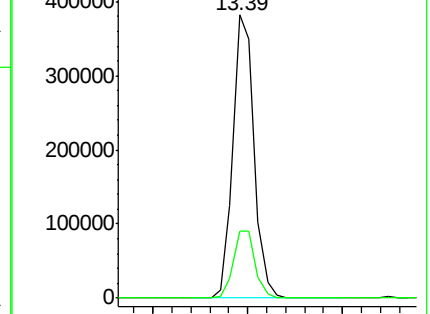
105 100

120 23.9 12.8 38.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 19.968 ug/l

RT: 13.26 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

Tgt Ion: 43 Resp: 168595

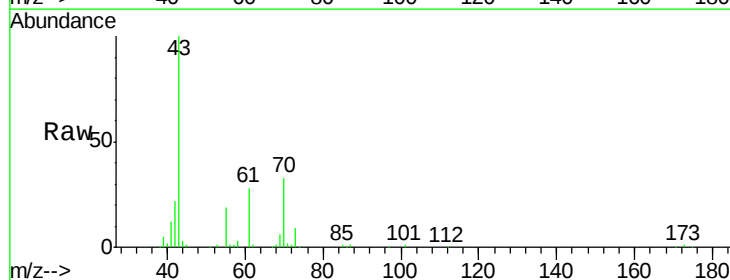
Ion Ratio Lower Upper

43 100

70 33.2 27.7 41.5

55 18.7 16.2 24.2

61 28.1 22.3 33.5

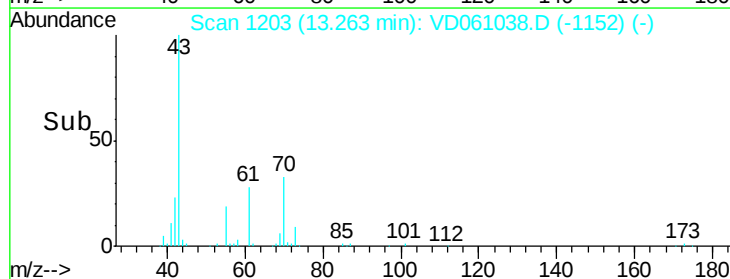
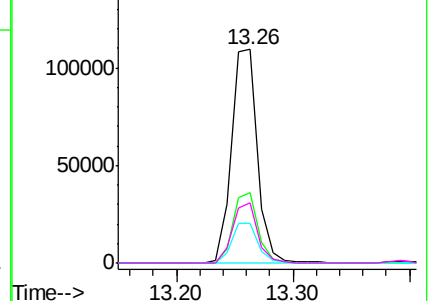


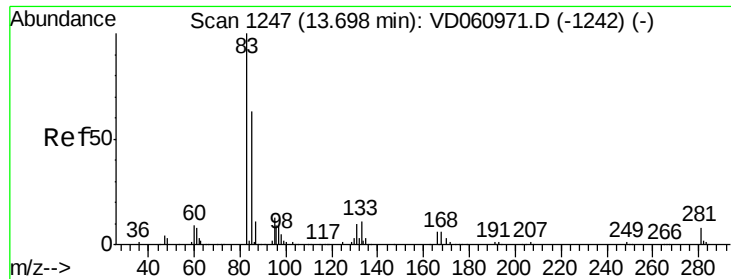
Abundance Ion 42.95 (42.65 to 43.65): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.723 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

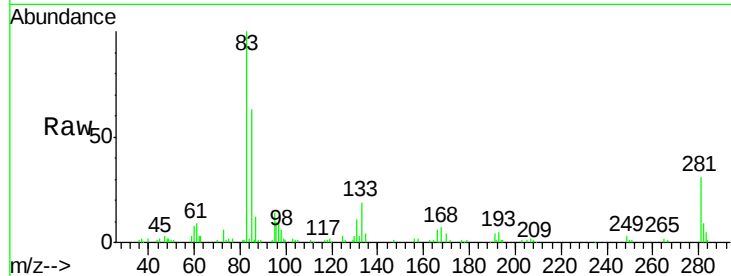
Tot Ion: 83 Resp: 109541

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

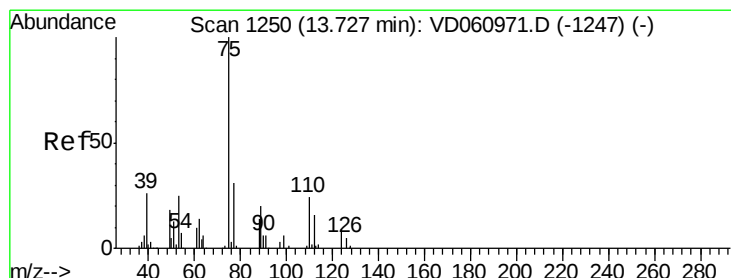
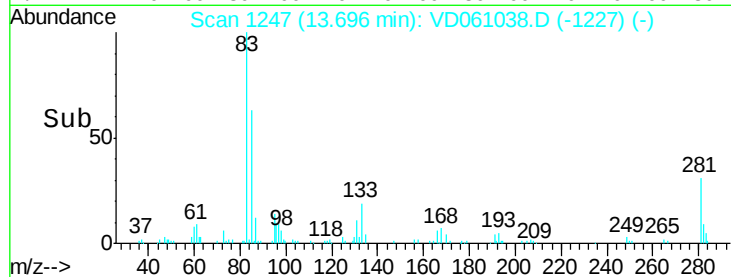
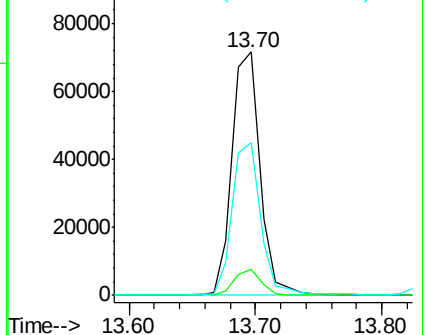
85 62.8 31.5 94.5



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: 17.804 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD061038.D

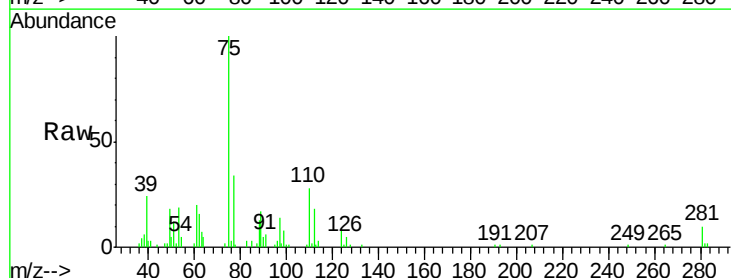
Acq: 13 Mar 2019 13:23

Tgt Ion: 75 Resp: 106579

Ion Ratio Lower Upper

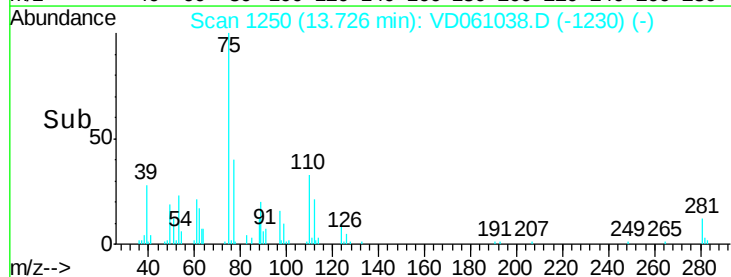
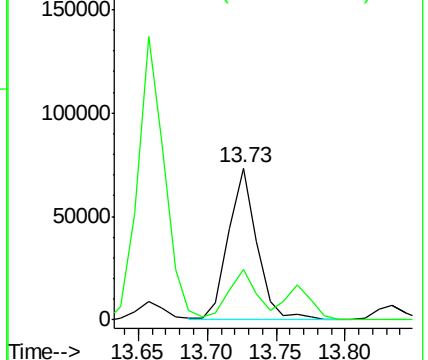
75 100

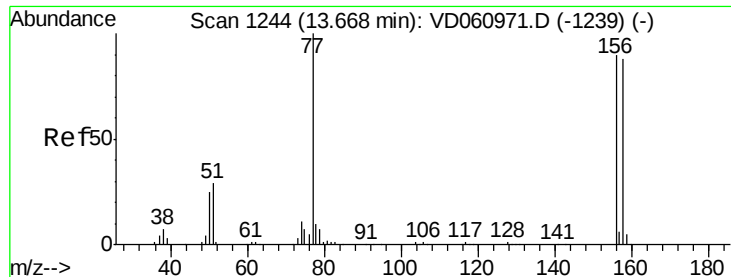
77 33.6 16.6 49.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

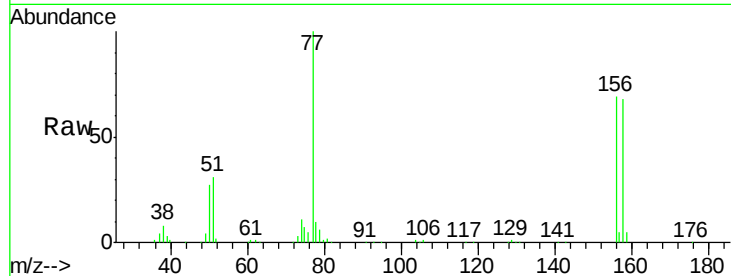
Ion 76.95 (76.65 to 77.65): VDC



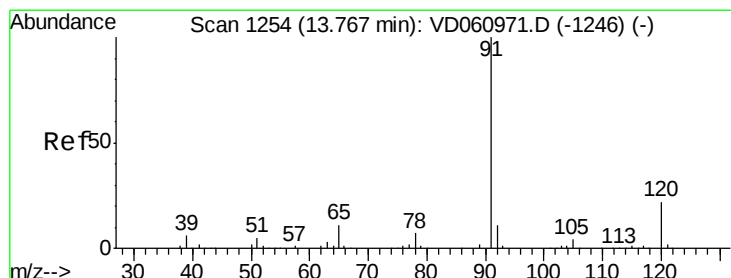
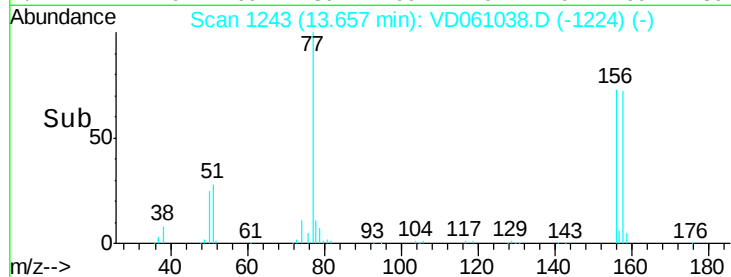
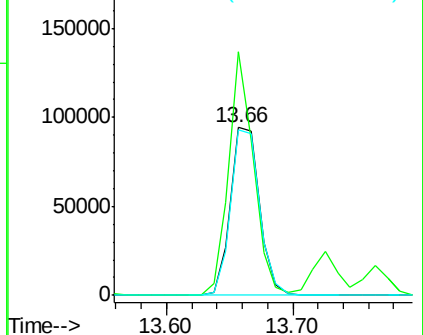


#77
Bromobenzene
Concen: 19.447 ug/l
RT: 13.66 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion:156 Resp: 148859
Ion Ratio Lower Upper
156 100
77 145.2 55.5 166.7
158 98.7 49.0 147.0

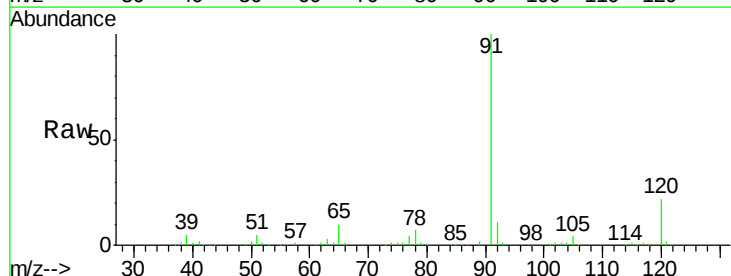


Abundance Ion 155.90 (155.60 to 156.60): V
Ion 76.95 (76.65 to 77.65): V
Ion 157.85 (157.55 to 158.55): V

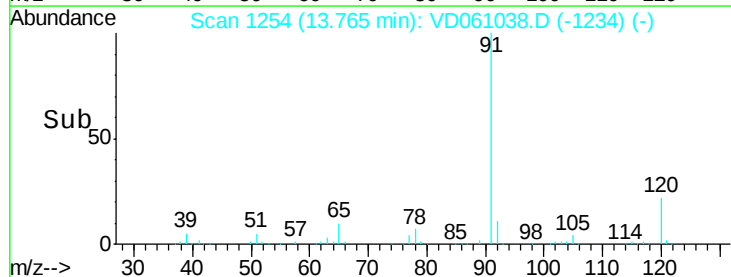
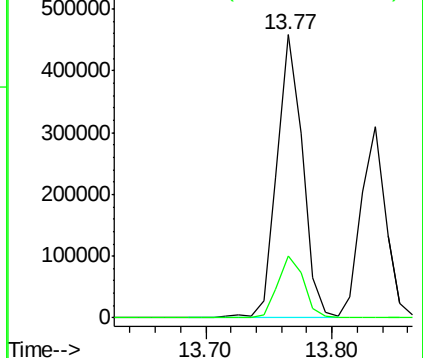


#78
n-propylbenzene
Concen: 18.501 ug/l
RT: 13.77 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion: 91 Resp: 649467
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 21.608 ug/l

RT: 13.83 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD061038.D

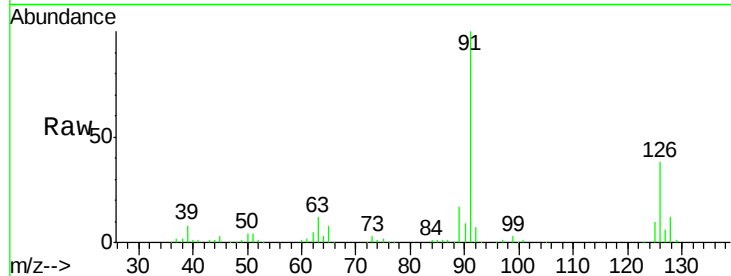
Acq: 13 Mar 2019 13:23

Tot Ion: 91 Resp: 417619

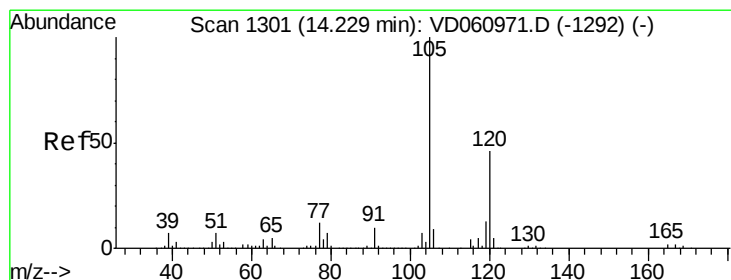
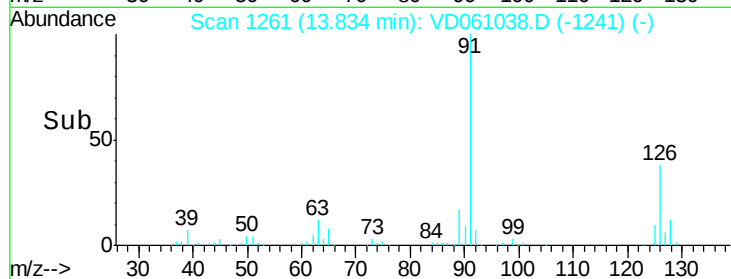
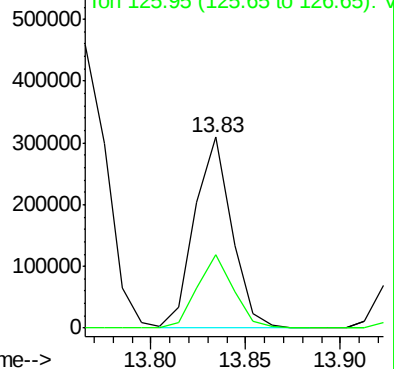
Ion Ratio Lower Upper

91 100

126 38.4 18.6 55.6



Abundance Ion 91.00 (90.70 to 91.70): VD060971.D (-1258) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.742 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD061038.D

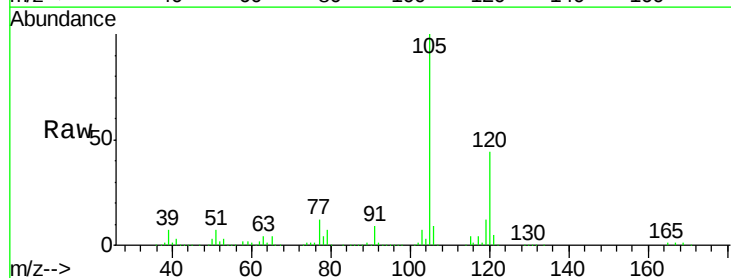
Acq: 13 Mar 2019 13:23

Tgt Ion: 105 Resp: 494954

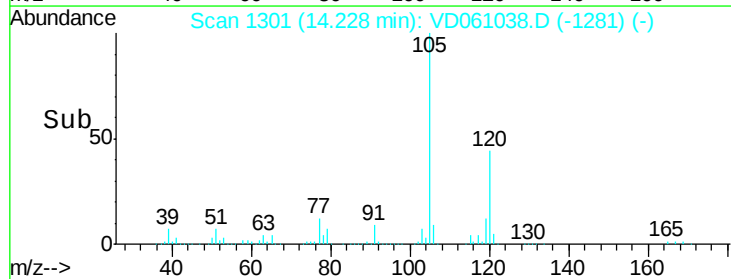
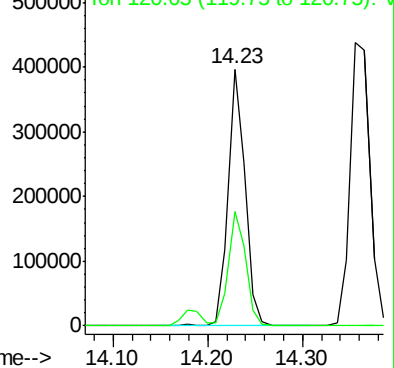
Ion Ratio Lower Upper

105 100

120 44.5 22.9 68.5



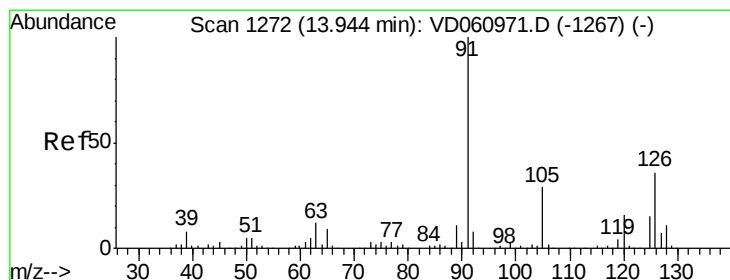
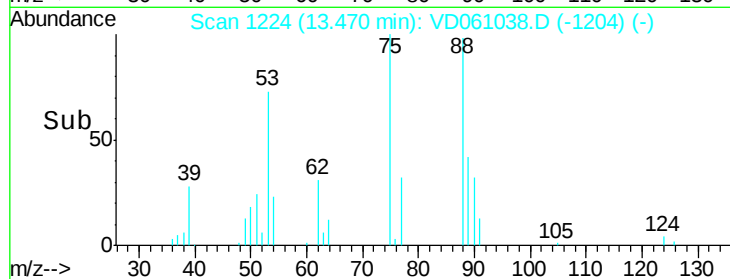
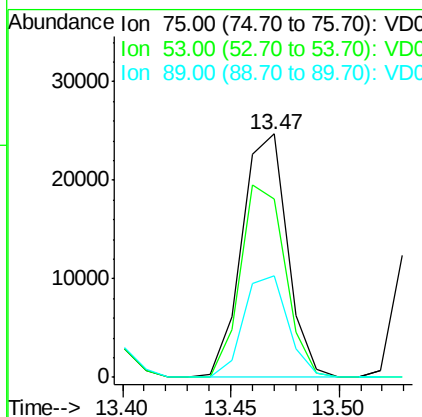
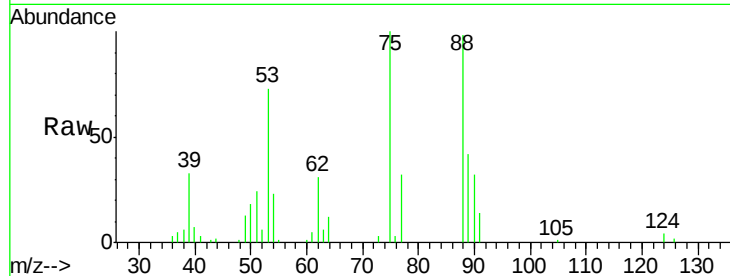
Abundance Ion 105.05 (104.75 to 105.75): VD060971.D (-1292) (-)





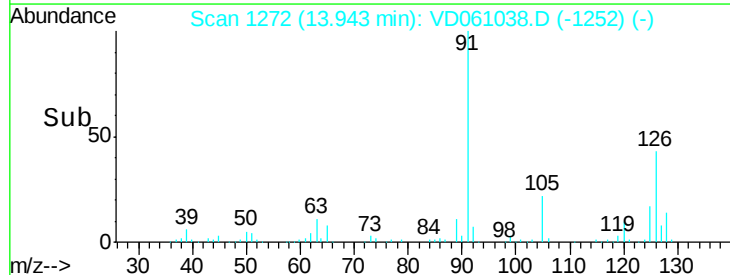
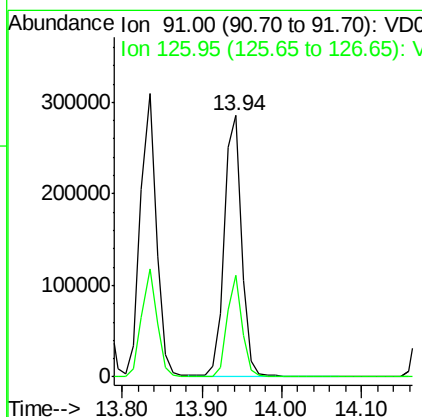
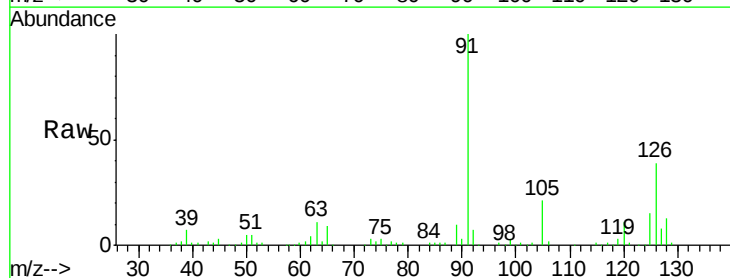
#81
trans-1,4-Dichloro-2-butene
Concen: 20.385 ug/l
RT: 13.47 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tot Ion: 75 Resp: 35977
Ion Ratio Lower Upper
75 100
53 73.4 64.4 96.6
89 41.7 34.8 52.2



#82
4-Chlorotoluene
Concen: 19.355 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

Tgt Ion: 91 Resp: 442216
Ion Ratio Lower Upper
91 100
126 38.8 18.0 54.0





#83

tert-Butylbenzene

Concen: 21.130 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

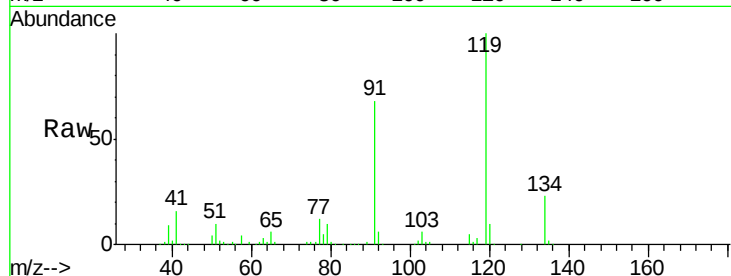
Tot Ion:119 Resp: 526424

Ion Ratio Lower Upper

119 100

91 68.4 30.1 90.3

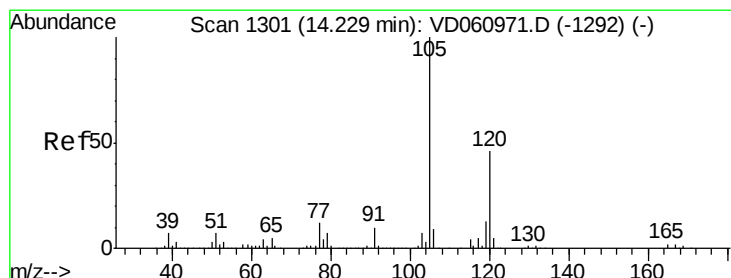
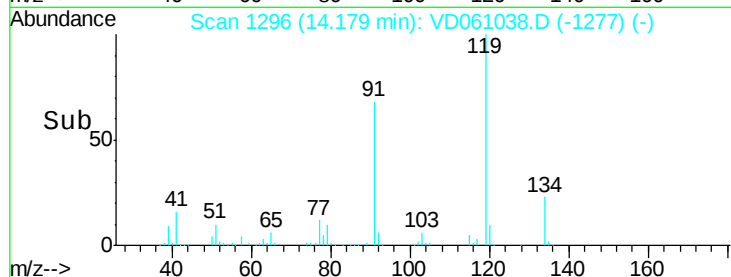
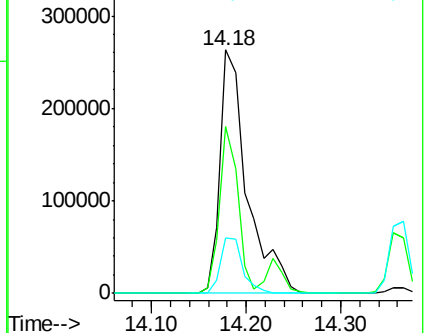
134 22.6 11.6 34.7



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: 21.742 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD061038.D

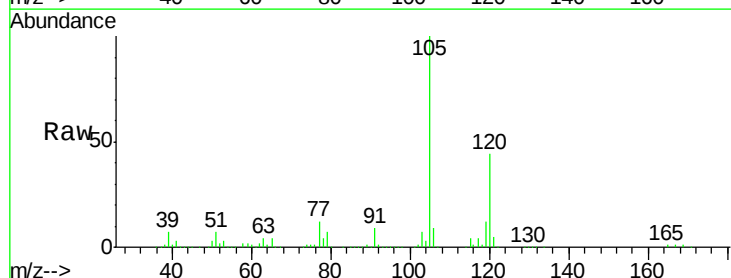
Acq: 13 Mar 2019 13:23

Tgt Ion:105 Resp: 494954

Ion Ratio Lower Upper

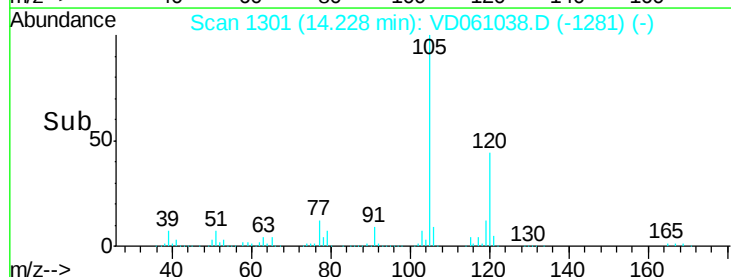
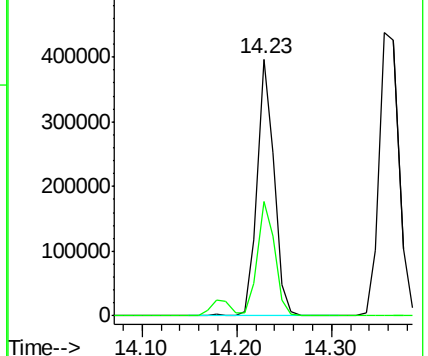
105 100

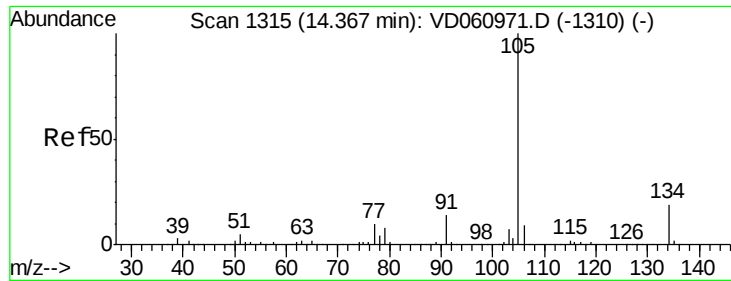
120 44.5 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 21.164 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VD061038.D

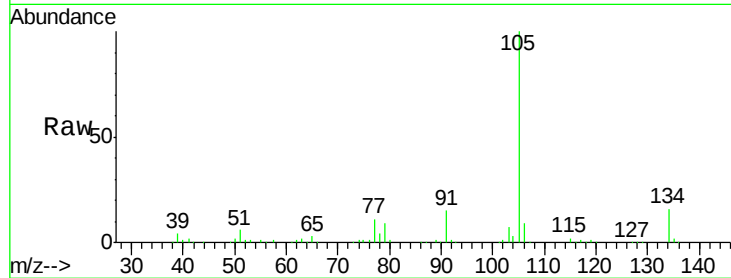
Acq: 13 Mar 2019 13:23

Tot Ion:105 Resp: 643683

Ion Ratio Lower Upper

105 100

134 16.4 9.4 28.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.36

400000

300000

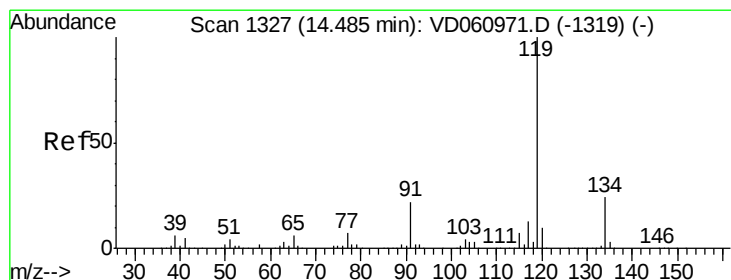
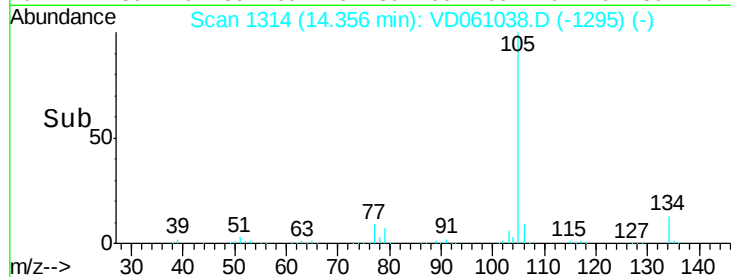
200000

100000

0

14.30 14.40

Time-->



#86

p-Isopropyltoluene

Concen: 20.273 ug/l

RT: 14.48 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

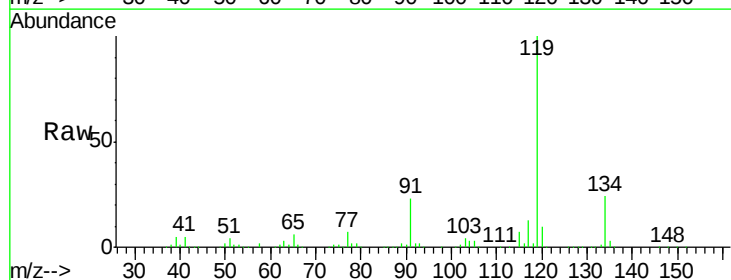
Tgt Ion:119 Resp: 504008

Ion Ratio Lower Upper

119 100

134 23.9 12.0 36.1

91 23.1 11.2 33.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

14.48

400000

300000

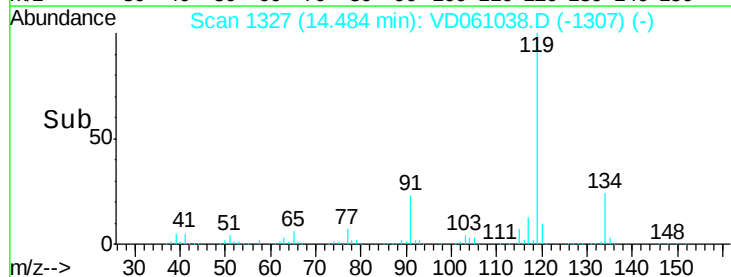
200000

100000

0

14.40 14.50 14.60

Time-->





#87

1,3-Dichlorobenzene

Concen: 22.264 ug/l

RT: 14.44 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

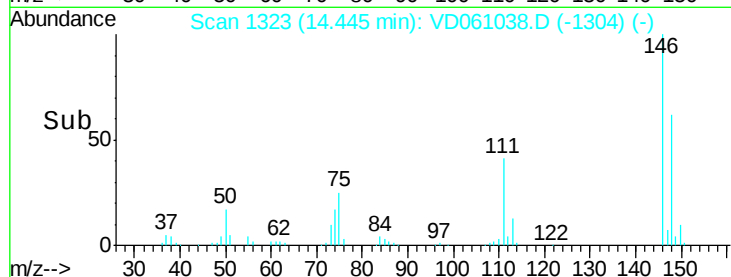
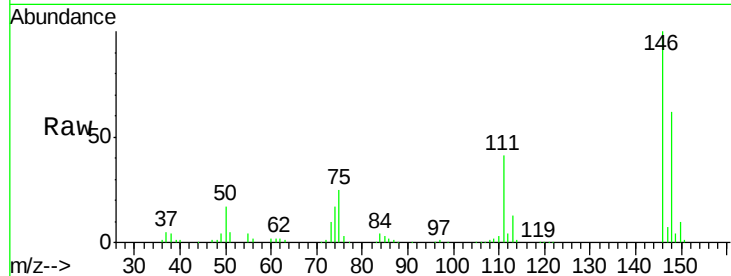
Tot Ion:146 Resp: 304309

Ion Ratio Lower Upper

146 100

111 40.8 18.4 55.4

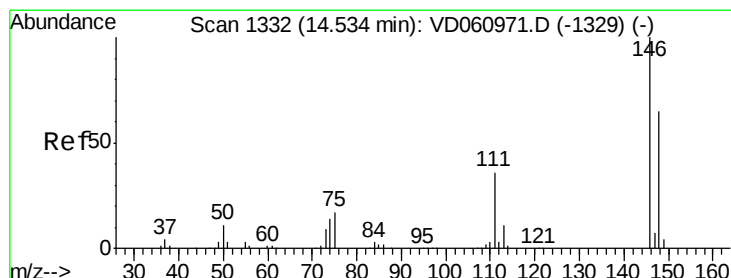
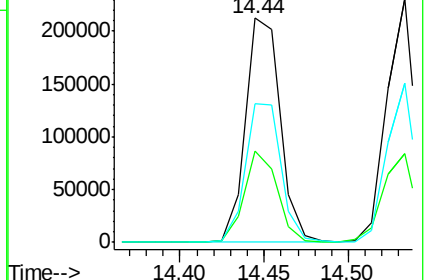
148 61.8 32.5 97.4



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: 20.855 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. -0.00 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

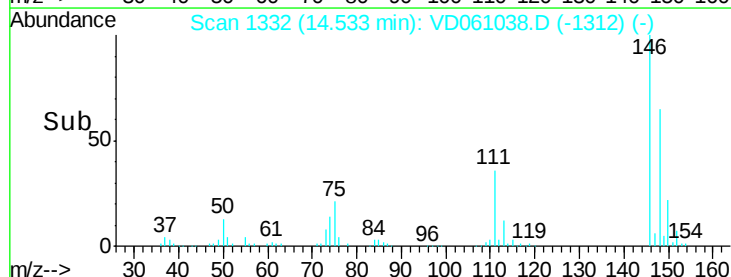
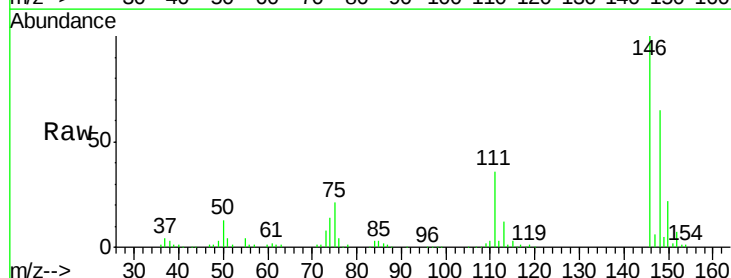
Tgt Ion:146 Resp: 280120

Ion Ratio Lower Upper

146 100

111 36.3 18.4 55.2

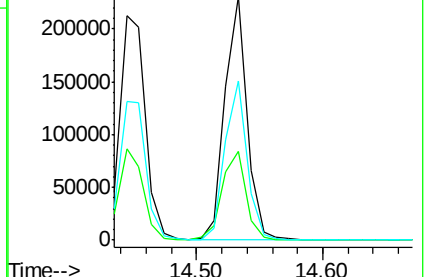
148 65.3 32.5 97.5

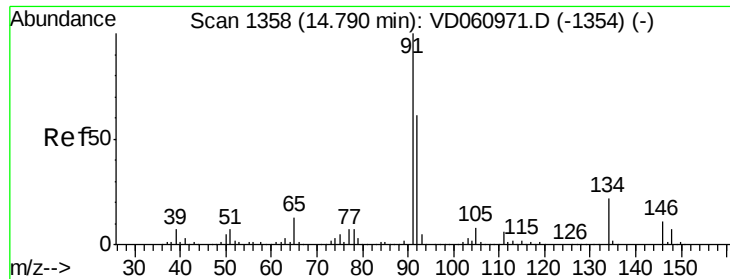


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

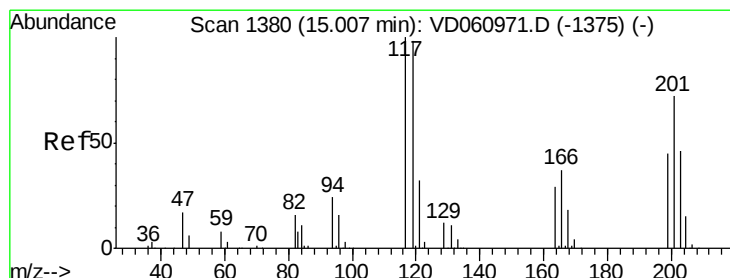
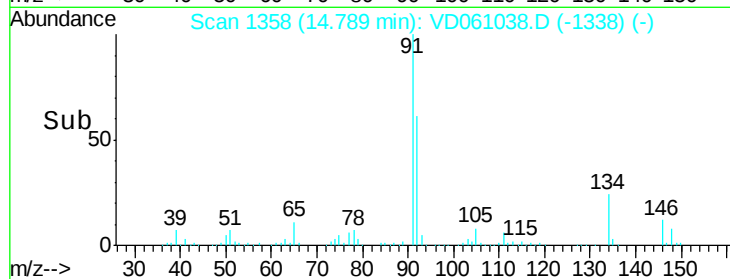
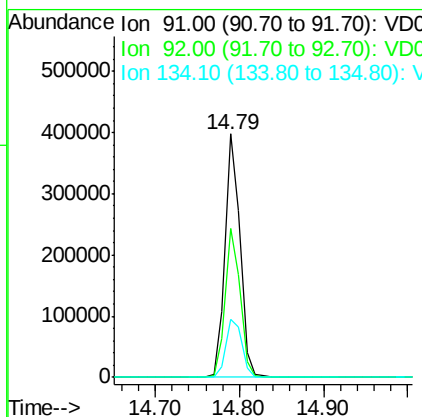
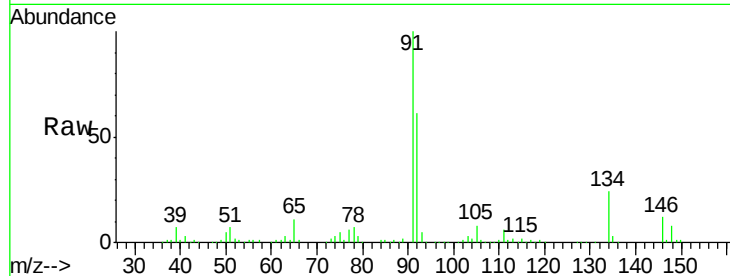
Ion 147.90 (147.60 to 148.60): V





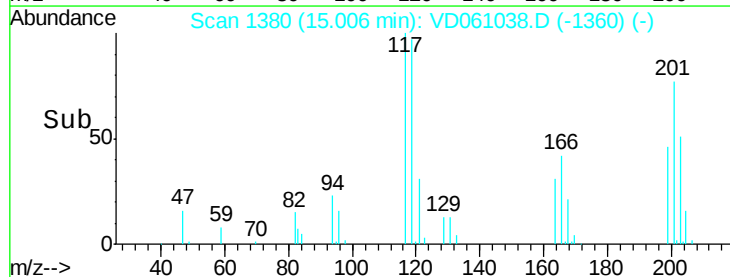
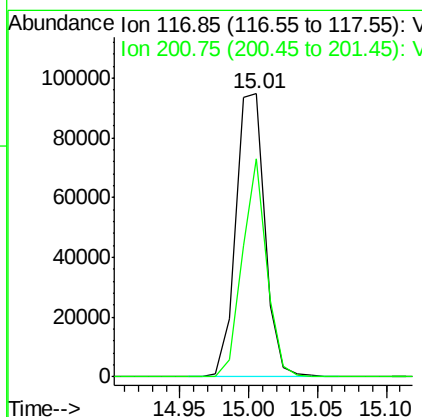
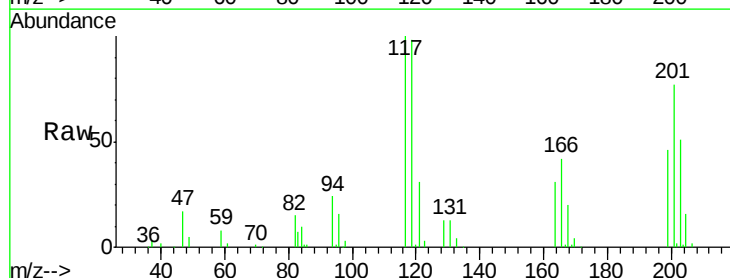
#89
n-Butylbenzene
Concen: 20.731 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

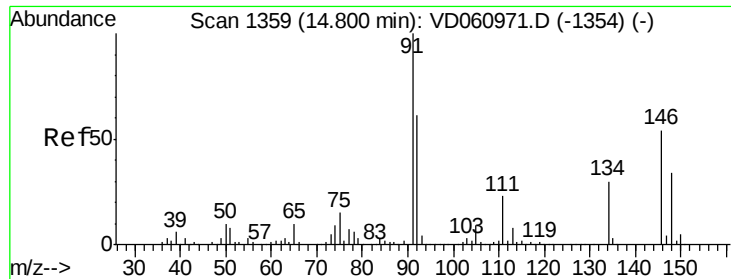
Tot Ion: 91 Resp: 494920
Ion Ratio Lower Upper
91 100
92 61.3 30.6 91.8
134 23.8 11.0 33.0



#90
Hexachloroethane
Concen: 19.957 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VD061038.D
Acq: 13 Mar 2019 13:23

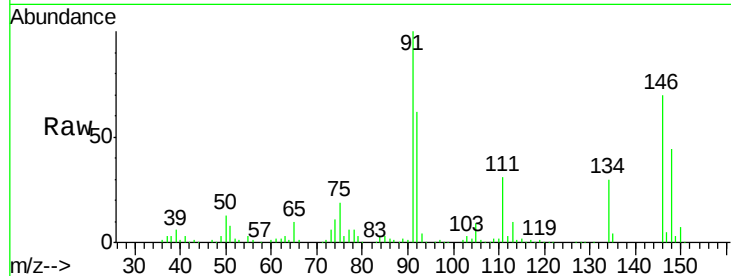
Tgt Ion: 117 Resp: 140094
Ion Ratio Lower Upper
117 100
201 77.1 36.2 108.6



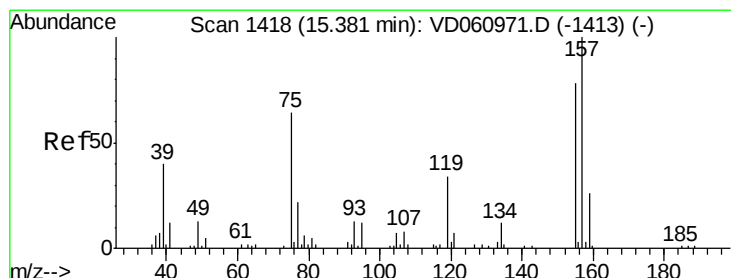
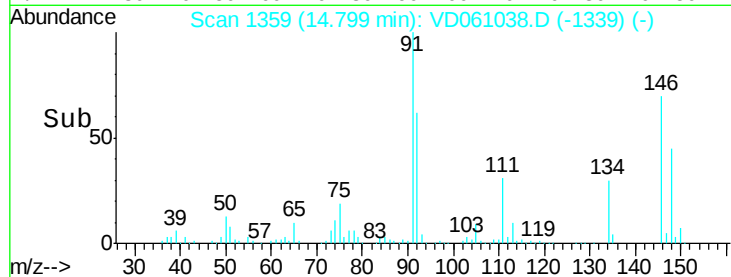
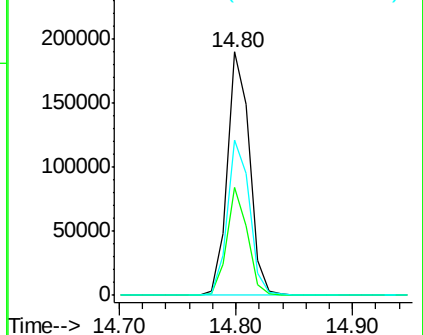


#91
 1,2-Dichlorobenzene
 Concen: 22.007 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VD061038.D
 Acq: 13 Mar 2019 13:23

Tot Ion:146 Resp: 250766
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.5 64.5
 148 63.9 30.9 92.8

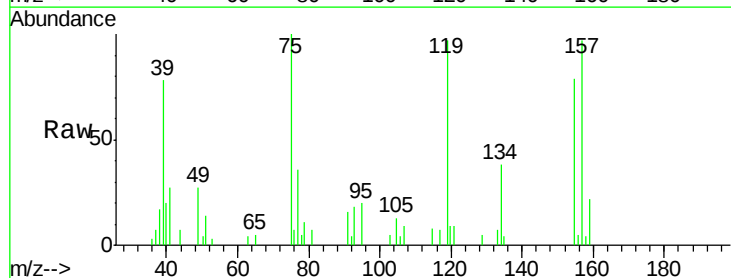


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

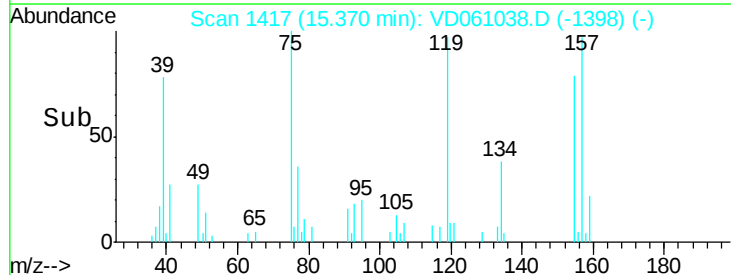
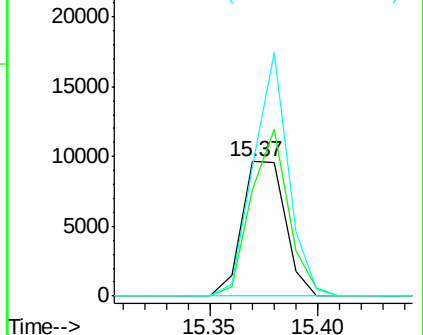


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.848 ug/l
 RT: 15.37 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: VD061038.D
 Acq: 13 Mar 2019 13:23

Tgt Ion: 75 Resp: 13288
 Ion Ratio Lower Upper
 75 100
 155 79.0 61.2 183.5
 157 97.0 78.3 234.8



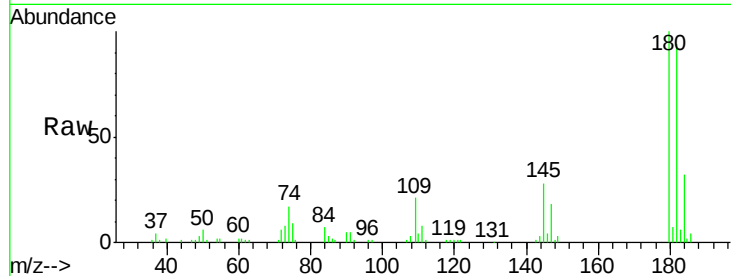
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



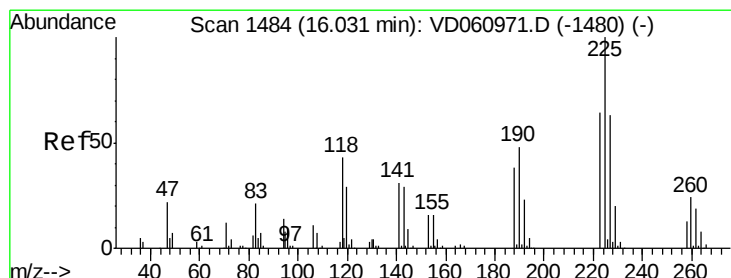
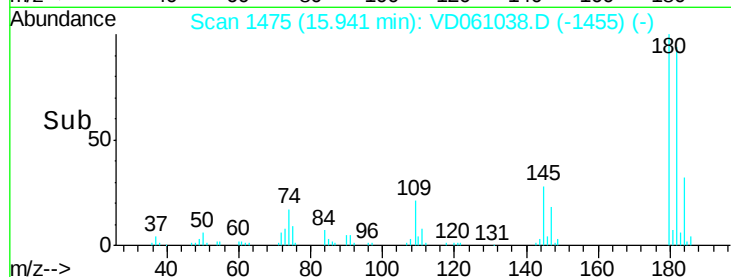
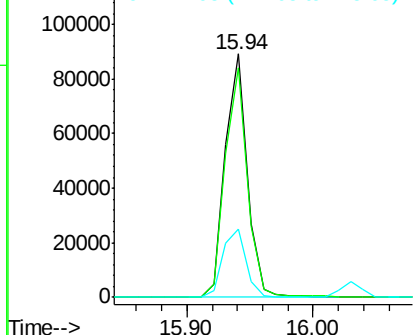


#93
 1,2,4-Trichlorobenzene
 Concen: 20.471 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD061038.D
 Acq: 13 Mar 2019 13:23

Tot Ion:180 Resp: 108211
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 142.0
 145 27.8 14.4 43.0

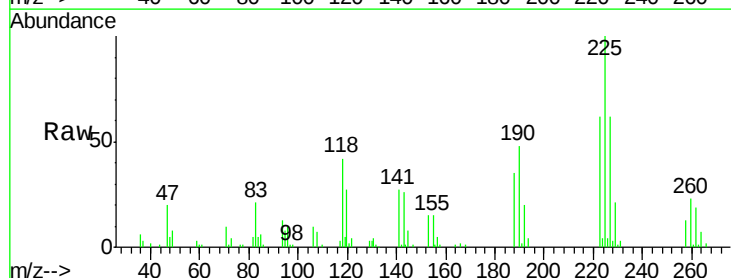


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

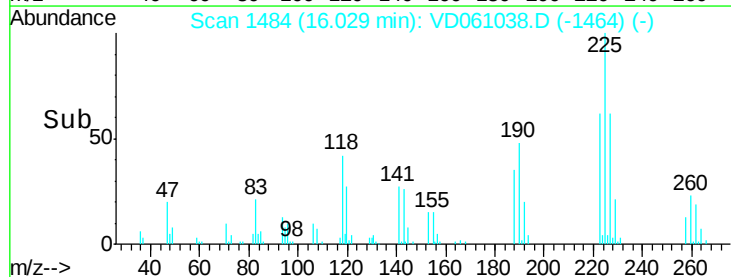
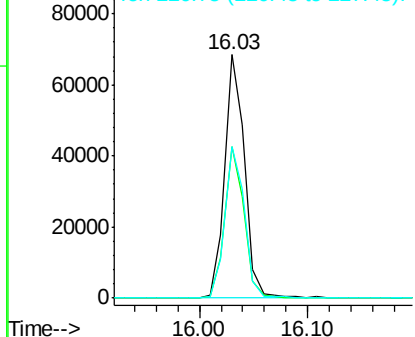


#94
 Hexachlorobutadiene
 Concen: 21.713 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD061038.D
 Acq: 13 Mar 2019 13:23

Tgt Ion:225 Resp: 86815
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.8 95.3
 227 62.0 31.4 94.0



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: 23.230 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

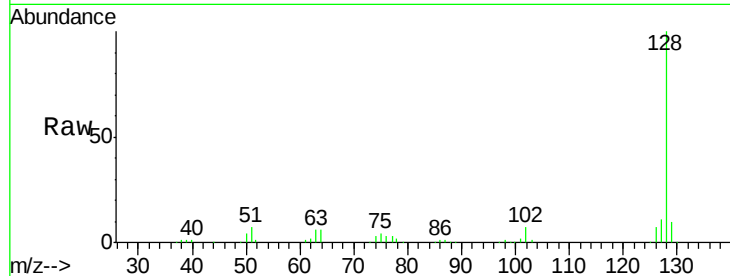
Tot Ion:128 Resp: 186604

Ion	Ratio	Lower	Upper
128	100		
127	11.2	9.8	14.8
129	10.1	8.5	12.7

128 100

127 11.2 9.8 14.8

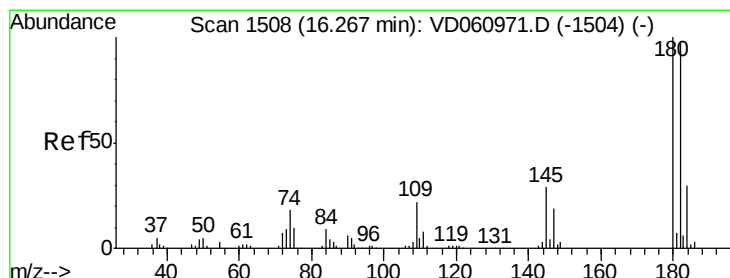
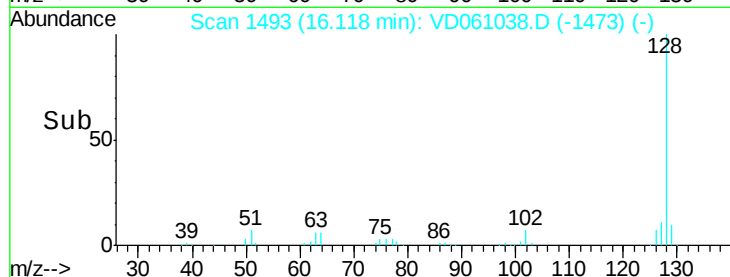
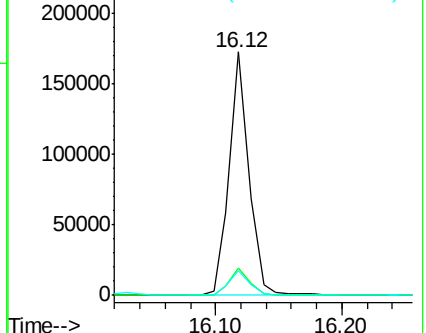
129 10.1 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.862 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VD061038.D

Acq: 13 Mar 2019 13:23

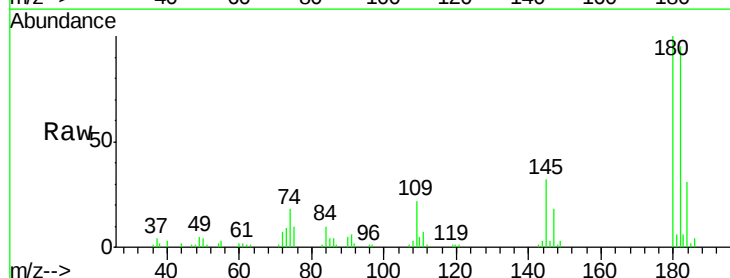
Tgt Ion:180 Resp: 54467

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.6	145.8
145	32.2	14.3	42.9

180 100

182 94.7 48.6 145.8

145 32.2 14.3 42.9



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

