

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100418\
 Data File : VD060128.D
 Acq On : 4 Oct 2018 13:03
 Operator : VA/AP
 Sample : VD1004SBS01
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 15:33:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1530462	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2156766	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1740869	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	923207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.78	65	599683	51.69	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	6.31	113	818016	49.95	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	9.45	98	2254044	48.26	ug/l	0.02
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.43	95	860284	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.58	85	282475	19.621	ug/l	100
3) Chloromethane	1.75	50	289569	22.306	ug/l	99
4) Vinyl Chloride	1.85	62	227101	21.376	ug/l	100
5) Bromomethane	2.12	94	23710	17.774	ug/l	86
6) Chloroethane	2.23	64	56264	19.407	ug/l	95
7) Trichlorofluoromethane	2.50	101	272165	21.395	ug/l	98
8) Diethyl Ether	2.82	74	57720	22.066	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.08	101	177422	22.388	ug/l	97
10) Methyl Iodide	3.23	142	169070	20.118	ug/l	98
11) Tert butyl alcohol	3.96	59	73601	88.461	ug/l	96
12) 1,1-Dichloroethene	3.06	96	143603	23.002	ug/l	95
13) Acrolein	2.97	56	49775	97.047	ug/l	96
14) Allyl chloride	3.52	41	284126	21.912	ug/l	100
15) Acrylonitrile	4.08	53	354917	103.059	ug/l	96
16) Acetone	3.16	43	236461	112.329	ug/l	97
17) Carbon Disulfide	3.30	76	465743	22.184	ug/l	99
18) Methyl Acetate	3.55	43	92112	20.359	ug/l	100
19) Methyl tert-butyl Ether	4.11	73	578031	21.058	ug/l	98
20) Methylene Chloride	3.71	84	386036	20.785	ug/l	96
21) trans-1,2-Dichloroethene	4.09	96	338978	21.023	ug/l	97
22) Diisopropyl ether	4.85	45	1241857	21.446	ug/l	98
23) Vinyl Acetate	4.80	43	3445476	105.852	ug/l	99
24) 1,1-Dichloroethane	4.75	63	557043	21.216	ug/l	99
25) 2-Butanone	5.62	43	595438	113.223	ug/l	99
26) 2,2-Dichloropropane	5.58	77	447089	22.462	ug/l	95
27) cis-1,2-Dichloroethene	5.59	96	360228	21.086	ug/l	89
28) Bromochloromethane	5.92	49	260874	20.446	ug/l	96
29) Tetrahydrofuran	5.95	42	314351	102.908	ug/l	99
30) Chloroform	6.10	83	573440	21.591	ug/l	97
31) Cyclohexane	6.36	56	528574	21.031	ug/l	99
32) 1,1,1-Trichloroethane	6.28	97	469723	21.587	ug/l	99
36) 1,1-Dichloropropene	6.52	75	433227	21.020	ug/l	99
37) Ethyl Acetate	5.69	43	261936	19.147	ug/l	99
38) Carbon Tetrachloride	6.49	117	391815	20.946	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100418\
 Data File : VD060128.D
 Acq On : 4 Oct 2018 13:03
 Operator : VA/AP
 Sample : VD1004SBSD01
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 15:33:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

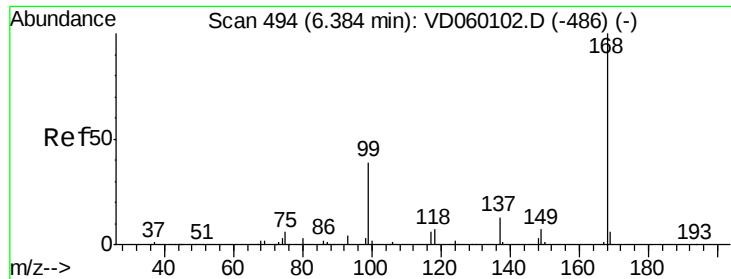
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	497750	21.256	ug/l	99
40) Benzene	6.79	78	1116719	20.711	ug/l	99
41) Methacrylonitrile	5.95	41	316352	40.913	ug/l #	87
42) 1,2-Dichloroethane	6.89	62	308897	19.983	ug/l	98
43) Isopropyl Acetate	8.35	43	352127	19.565	ug/l #	100
44) Trichloroethene	7.74	130	340792	20.418	ug/l	99
45) 1,2-Dichloropropane	8.10	63	297061	21.041	ug/l	99
46) Dibromomethane	8.21	93	185617	20.307	ug/l	97
47) Bromodichloromethane	8.49	83	410075	21.056	ug/l	99
48) Methyl methacrylate	8.24	41	205512	20.047	ug/l	98
49) 1,4-Dioxane	8.22	88	39371	390.321	ug/l	93
51) 4-Methyl-2-Pentanone	9.35	43	1151835	101.469	ug/l	98
52) Toluene	9.55	92	710054	20.448	ug/l	97
53) t-1,3-Dichloropropene	9.92	75	362759	20.585	ug/l	99
54) cis-1,3-Dichloropropene	9.10	75	440970	20.264	ug/l	98
55) 1,1,2-Trichloroethane	10.18	97	235582	20.752	ug/l	99
56) Ethyl methacrylate	10.03	69	255308	20.374	ug/l	97
57) 1,3-Dichloropropane	10.38	76	356587	20.596	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.92	63	727546	104.552	ug/l	98
59) 2-Hexanone	10.49	43	853863	104.605	ug/l	98
60) Dibromochloromethane	10.64	129	280202	20.117	ug/l	99
61) 1,2-Dibromoethane	10.76	107	241063	19.985	ug/l	100
64) Tetrachloroethene	10.25	164	309892	20.324	ug/l	97
65) Chlorobenzene	11.31	112	793265	21.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.42	131	267811	21.316	ug/l	97
67) Ethyl Benzene	11.43	91	1358517	22.264	ug/l	99
68) m/p-Xylenes	11.57	106	1002044	43.952	ug/l	97
69) o-Xylene	11.93	106	484834	21.500	ug/l	96
70) Styrene	11.95	104	798666	21.178	ug/l	97
71) Bromoform	12.12	173	199979	19.657	ug/l #	97
73) Isopropylbenzene	12.28	105	1263943	20.752	ug/l	99
74) N-amyl acetate	12.13	43	457790	20.520	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.56	83	270944	20.377	ug/l	99
76) 1,2,3-Trichloropropane	12.59	75	265285	19.953	ug/l	99
77) Bromobenzene	12.54	156	367985	20.792	ug/l	89
78) n-propylbenzene	12.64	91	1645602	21.760	ug/l	97
79) 2-Chlorotoluene	12.71	91	870806	20.747	ug/l	96
80) 1,3,5-Trimethylbenzene	12.79	105	1023848	21.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	72808	19.489	ug/l	95
82) 4-Chlorotoluene	12.81	91	1048579	22.087	ug/l	97
83) tert-Butylbenzene	13.05	119	1166388	21.563	ug/l	96
84) 1,2,4-Trimethylbenzene	13.09	105	1084012	21.820	ug/l	98
85) sec-Butylbenzene	13.22	105	1380366	21.582	ug/l	100
86) p-Isopropyltoluene	13.34	119	1177637	22.449	ug/l	99
87) 1,3-Dichlorobenzene	13.31	146	662530	21.486	ug/l	100
88) 1,4-Dichlorobenzene	13.39	146	662511	21.390	ug/l	98
89) n-Butylbenzene	13.65	91	1154248	22.550	ug/l	98
90) Hexachloroethane	13.86	117	258620	21.302	ug/l	69
91) 1,2-Dichlorobenzene	13.67	146	561297	21.648	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.23	75	34882	19.648	ug/l	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100418\
Data File : VD060128.D
Acq On : 4 Oct 2018 13:03
Operator : VA/AP
Sample : VD1004SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 15:33:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	446060	20.269	ug/l	98
94) Hexachlorobutadiene	14.88	225	299442	20.470	ug/l	99
95) Naphthalene	14.96	128	630466	19.327	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	380617	19.882	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060128.D

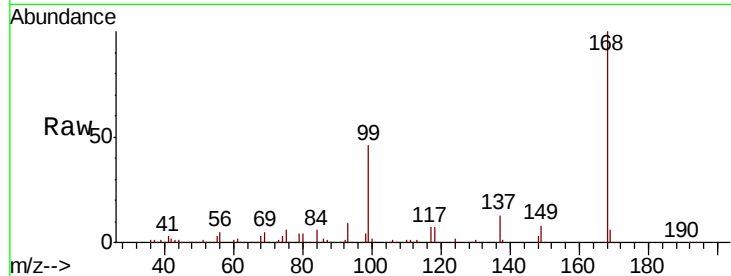
Acq: 4 Oct 2018 13:03

Tot Ion:168 Resp: 1530462

Ion Ratio Lower Upper

168 100

99 46.5 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

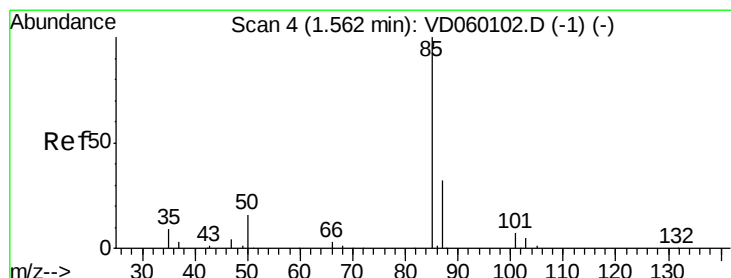
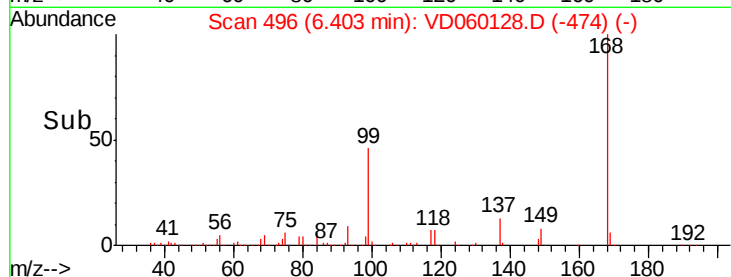
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.621 ug/l

RT: 1.58 min Scan# 6

Delta R.T. 0.02 min

Lab File: VD060128.D

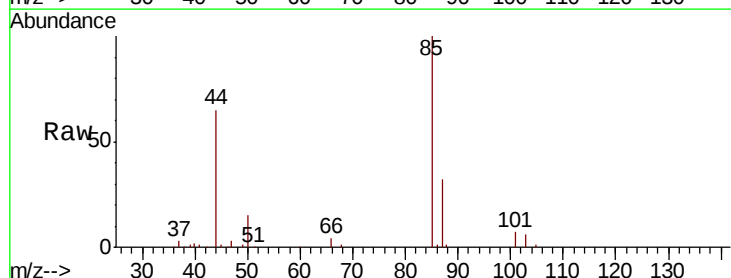
Acq: 4 Oct 2018 13:03

Tgt Ion: 85 Resp: 282475

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

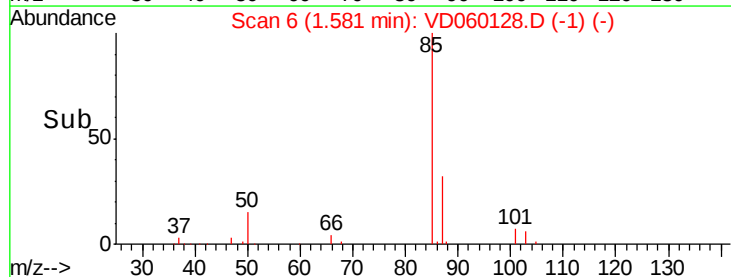
150000

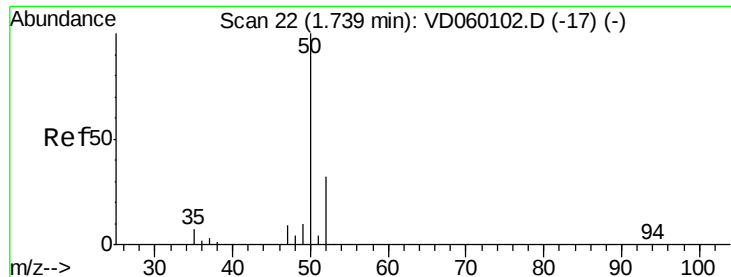
100000

50000

0

Time-->





#3

Chloromethane

Concen: 22.306 ug/l

RT: 1.75 min Scan# 23

Delta R.T. 0.01 min

Lab File: VD060128.D

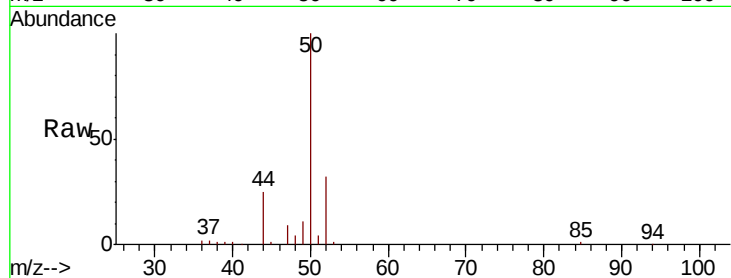
Acq: 4 Oct 2018 13:03

Tot Ion: 50 Resp: 289569

Ion Ratio Lower Upper

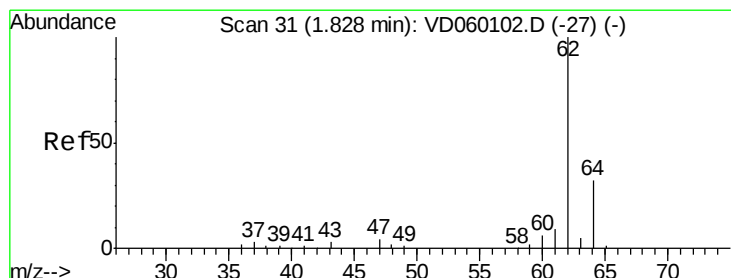
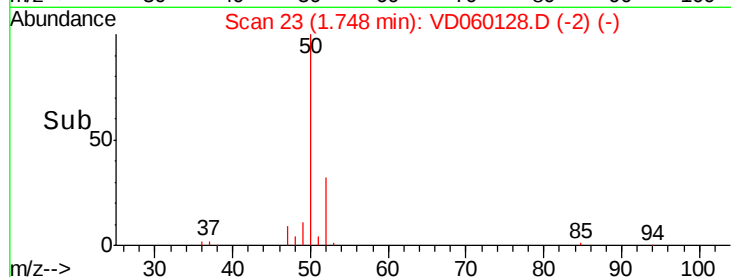
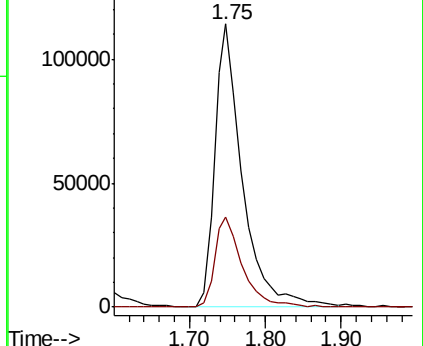
50 100

52 32.0 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.376 ug/l

RT: 1.85 min Scan# 33

Delta R.T. 0.02 min

Lab File: VD060128.D

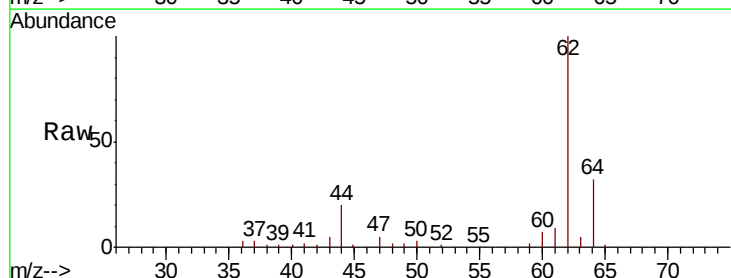
Acq: 4 Oct 2018 13:03

Tgt Ion: 62 Resp: 227101

Ion Ratio Lower Upper

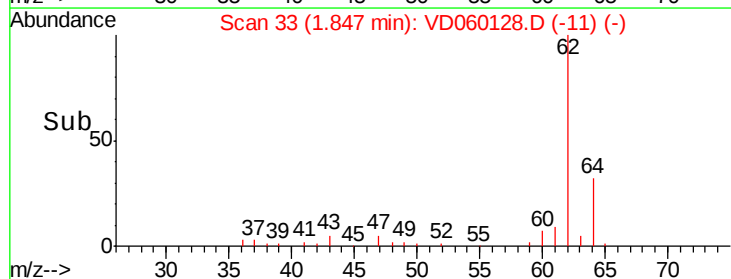
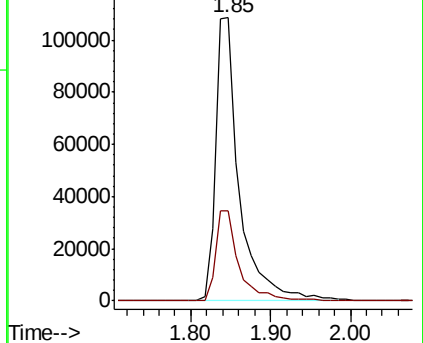
62 100

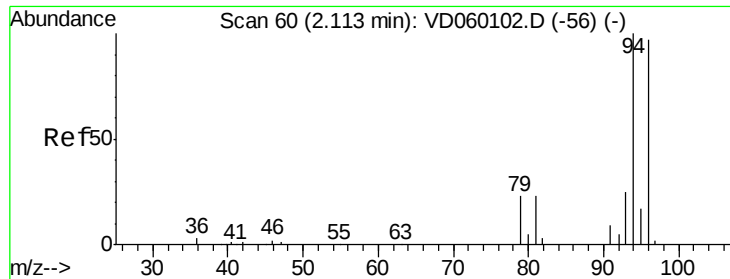
64 31.7 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 17.774 ug/l

RT: 2.12 min Scan# 61

Delta R.T. 0.01 min

Lab File: VD060128.D

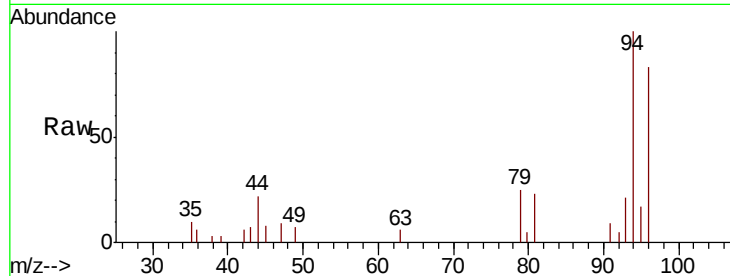
Acq: 4 Oct 2018 13:03

Tot Ion: 94 Resp: 23710

Ion Ratio Lower Upper

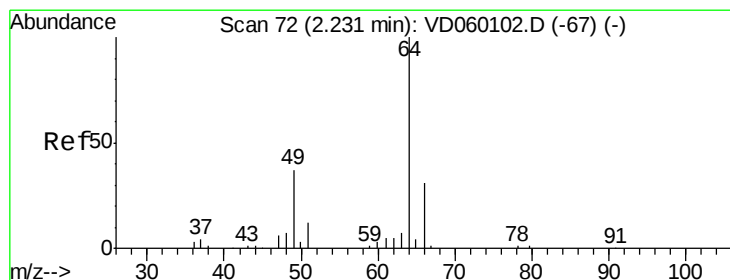
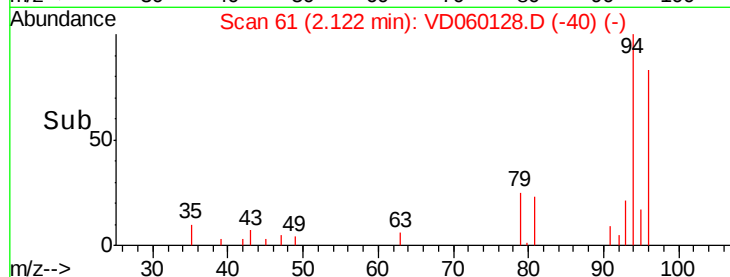
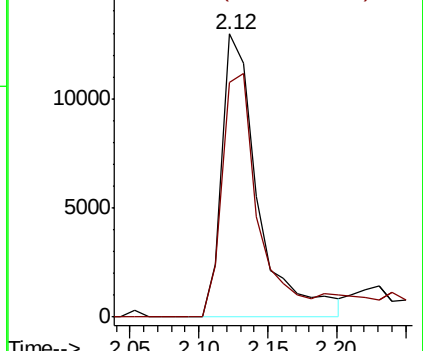
94 100

96 83.1 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.407 ug/l

RT: 2.23 min Scan# 72

Delta R.T. -0.00 min

Lab File: VD060128.D

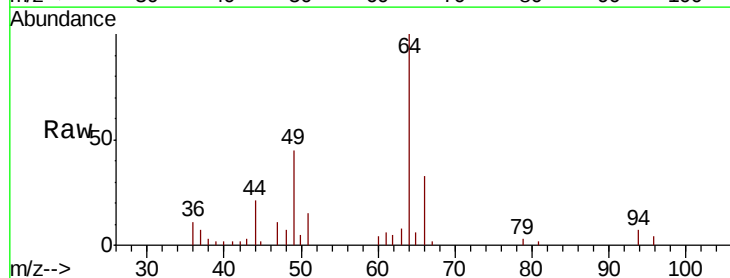
Acq: 4 Oct 2018 13:03

Tgt Ion: 64 Resp: 56264

Ion Ratio Lower Upper

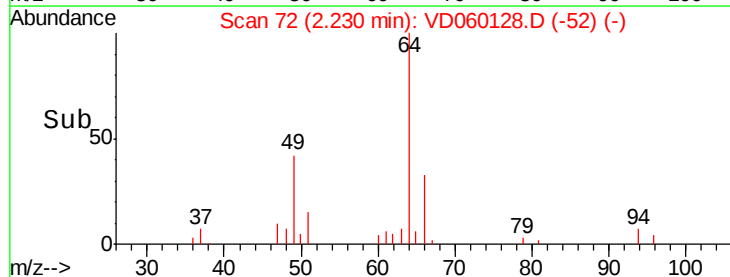
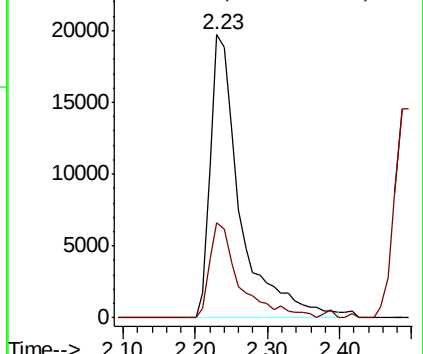
64 100

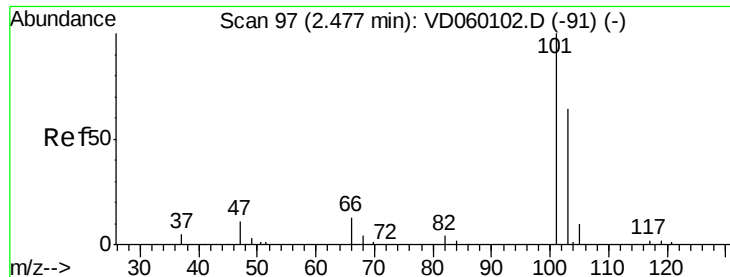
66 33.5 24.6 37.0



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 21.395 ug/l

RT: 2.50 min Scan# 99

Delta R.T. 0.02 min

Lab File: VD060128.D

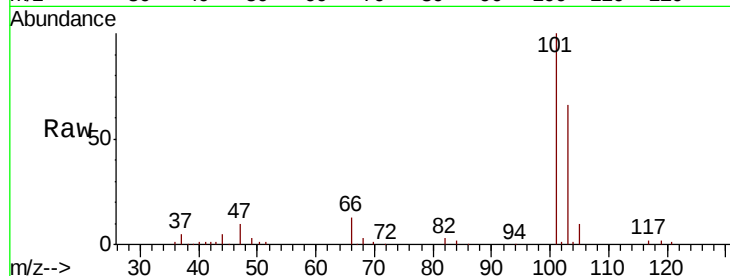
Acq: 4 Oct 2018 13:03

Tot Ion:101 Resp: 272165

Ion Ratio Lower Upper

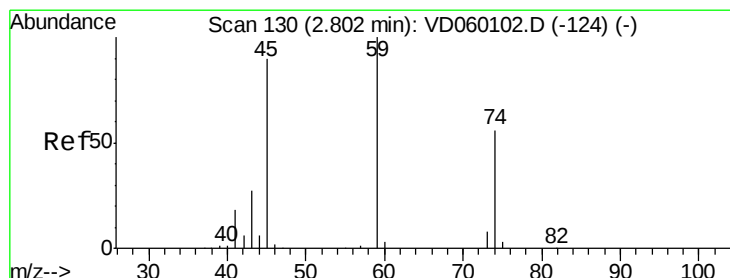
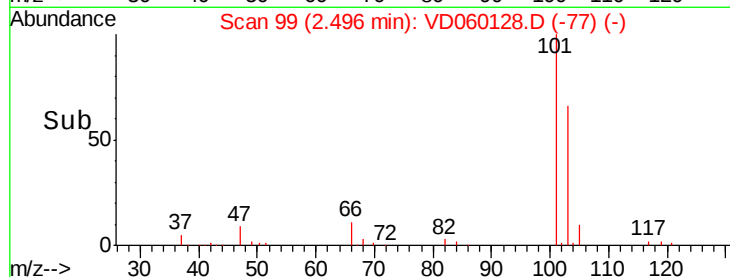
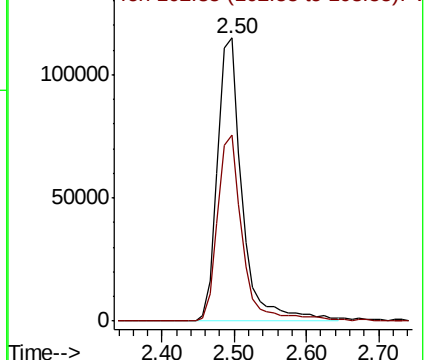
101 100

103 65.9 51.5 77.3



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 22.066 ug/l

RT: 2.82 min Scan# 132

Delta R.T. 0.02 min

Lab File: VD060128.D

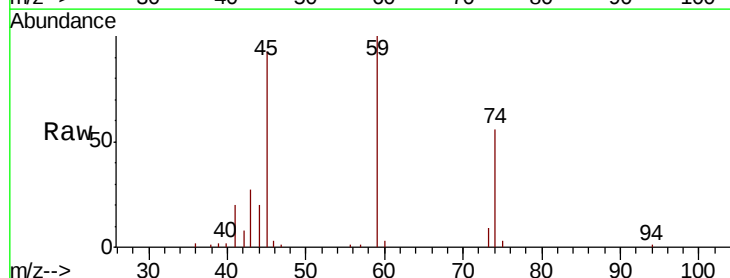
Acq: 4 Oct 2018 13:03

Tgt Ion: 74 Resp: 57720

Ion Ratio Lower Upper

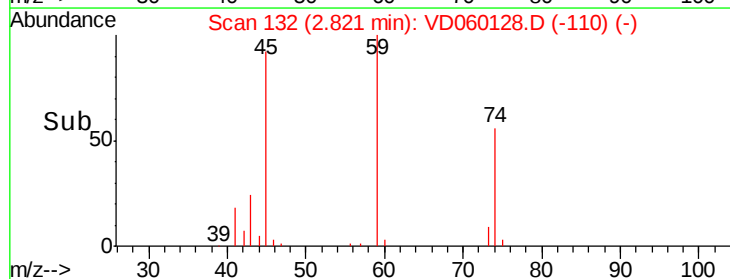
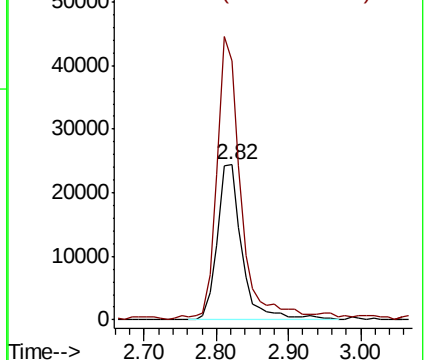
74 100

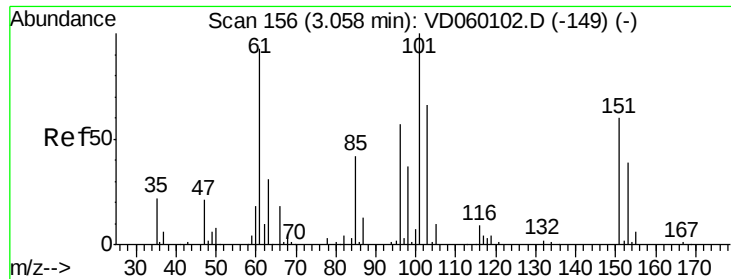
45 166.9 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.388 ug/l

RT: 3.08 min Scan# 158

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

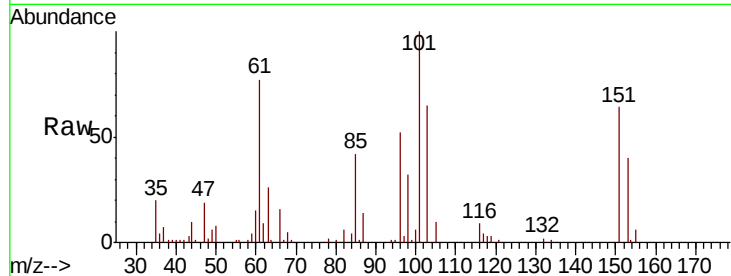
Tot Ion:101 Resp: 177422

Ion Ratio Lower Upper

101 100

85 42.0 33.4 50.0

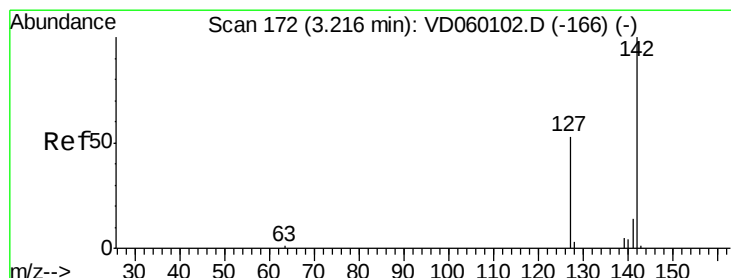
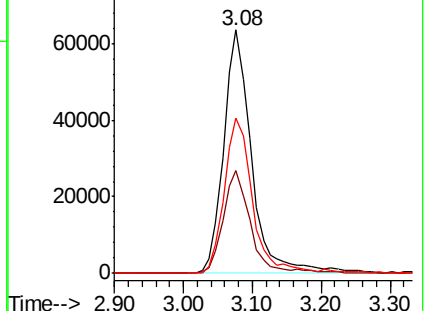
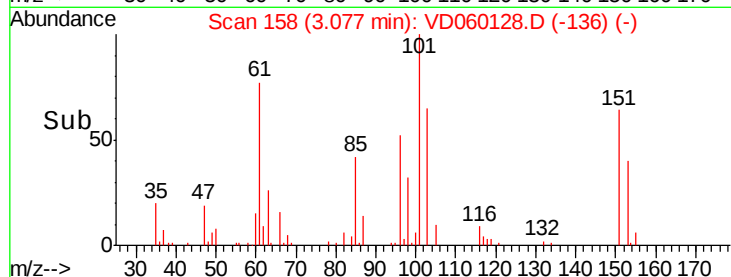
151 63.6 48.0 72.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 20.118 ug/l

RT: 3.23 min Scan# 174

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

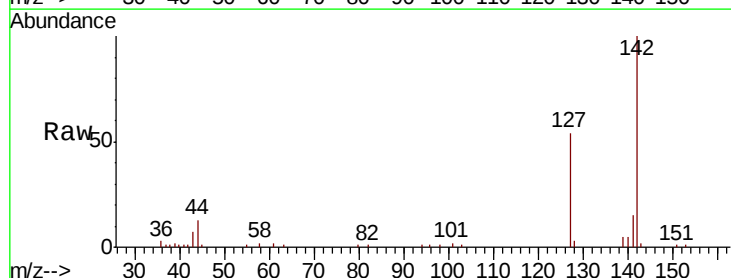
Tgt Ion:142 Resp: 169070

Ion Ratio Lower Upper

142 100

127 54.0 42.0 63.0

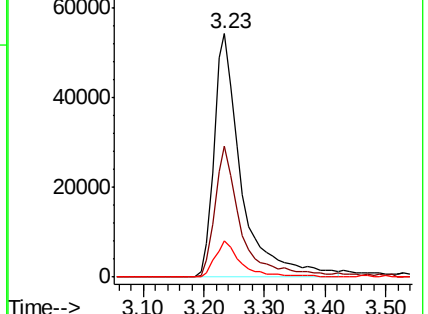
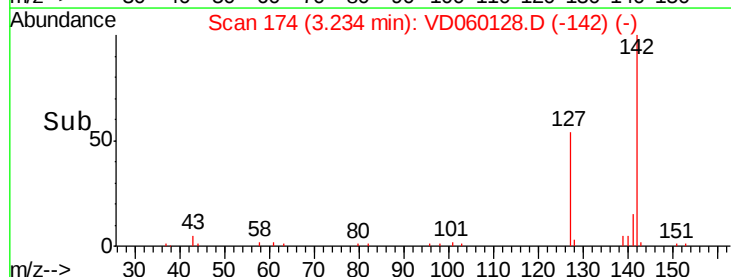
141 15.0 11.4 17.0

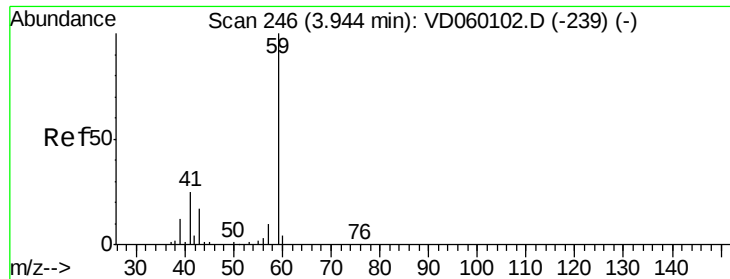


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

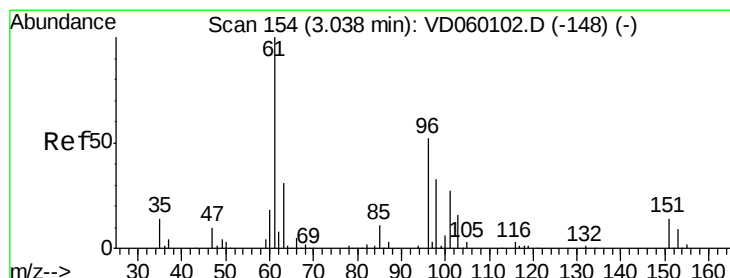
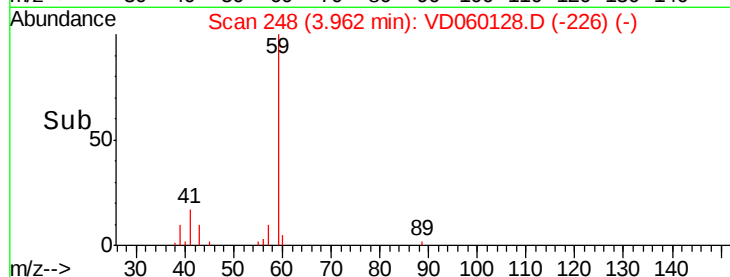
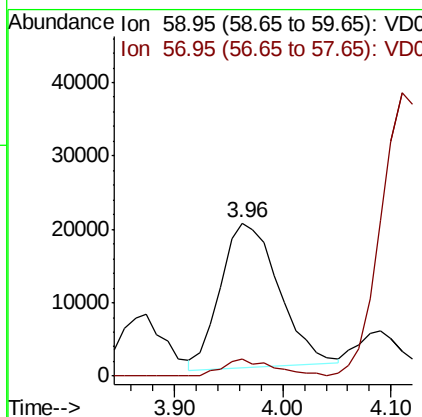
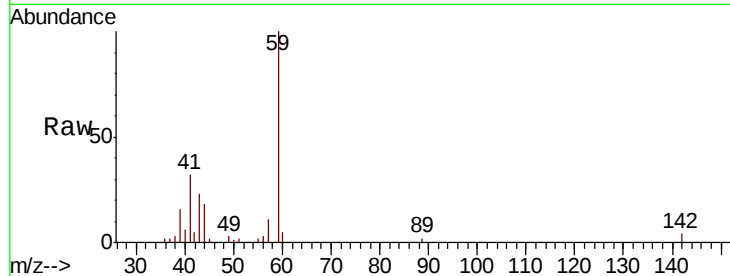
Ion 140.85 (140.55 to 141.55): V





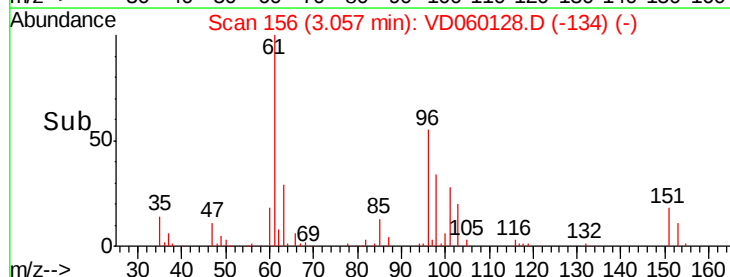
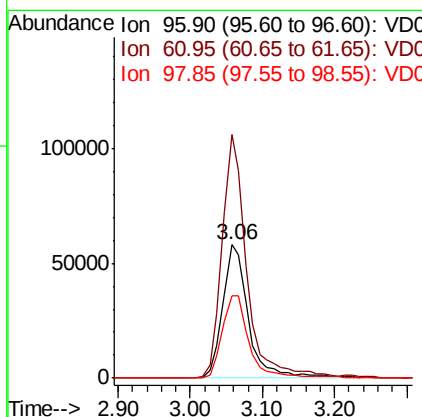
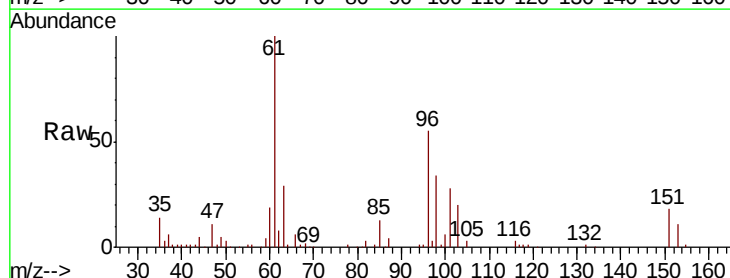
#11
Tert butyl alcohol
Concen: 88.461 ug/l
RT: 3.96 min Scan# 248
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

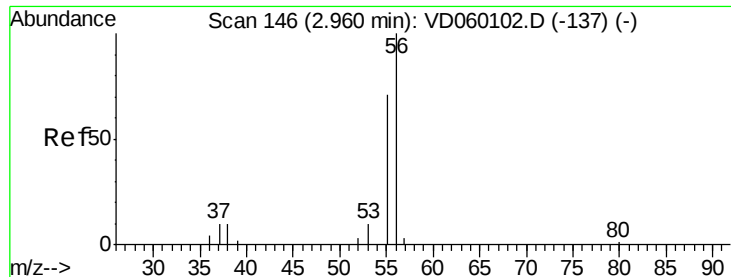
Tot Ion: 59 Resp: 73601
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.6



#12
1,1-Dichloroethene
Concen: 23.002 ug/l
RT: 3.06 min Scan# 156
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tgt Ion: 96 Resp: 143603
Ion Ratio Lower Upper
96 100
61 183.0 153.0 229.4
98 61.6 51.1 76.7





#13

Acrolein

Concen: 97.047 ug/l

RT: 2.97 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD060128.D

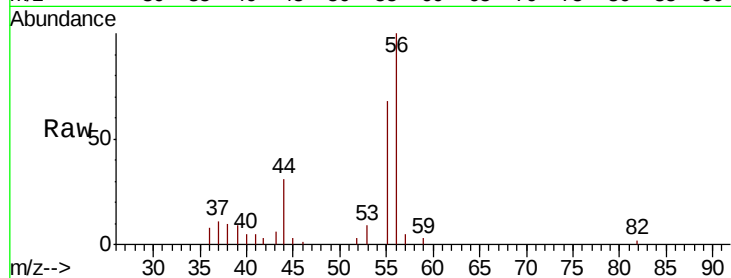
Acq: 4 Oct 2018 13:03

Tot Ion: 56 Resp: 49775

Ion Ratio Lower Upper

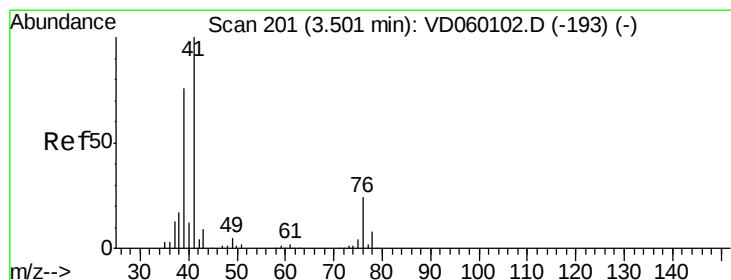
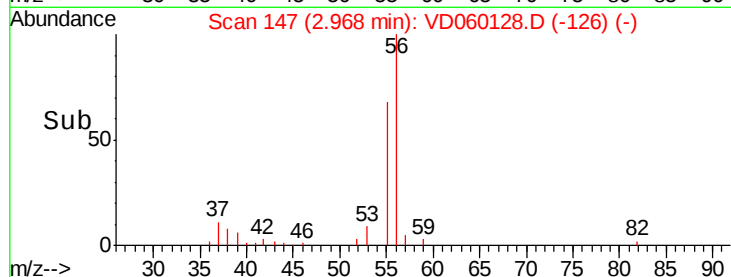
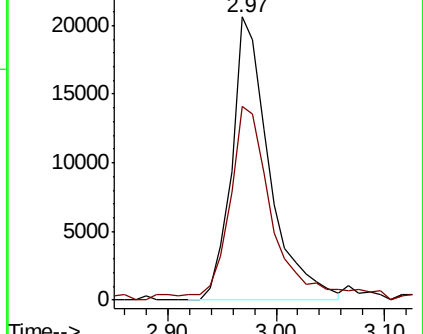
56 100

55 68.3 57.4 86.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.912 ug/l

RT: 3.52 min Scan# 203

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

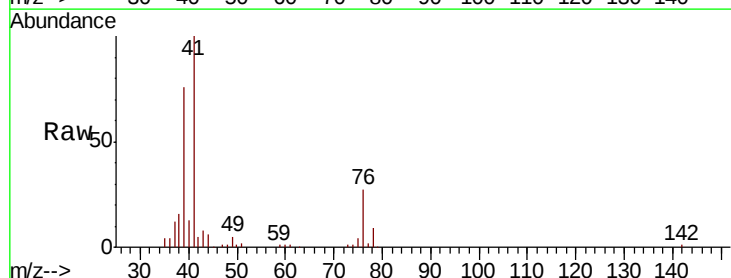
Tgt Ion: 41 Resp: 284126

Ion Ratio Lower Upper

41 100

39 76.2 60.6 90.8

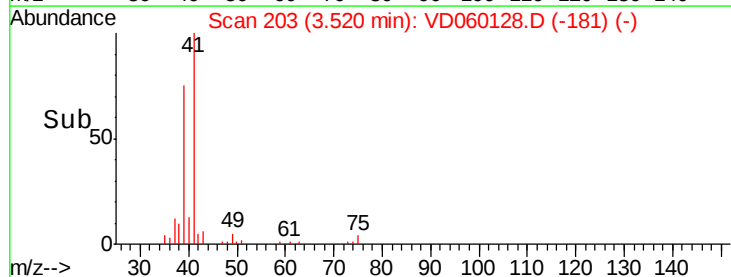
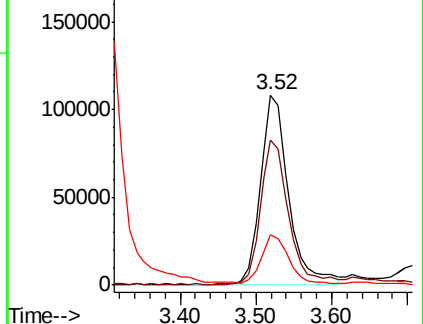
76 26.6 21.3 31.9

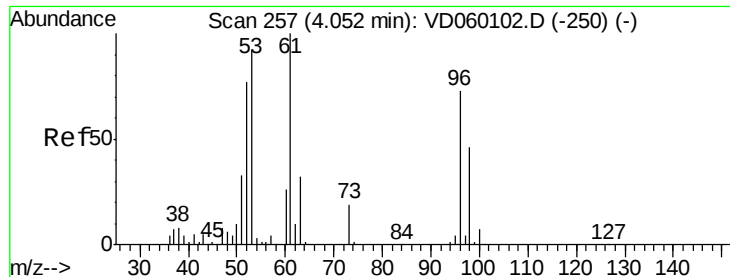


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 103.059 ug/l

RT: 4.08 min Scan# 260

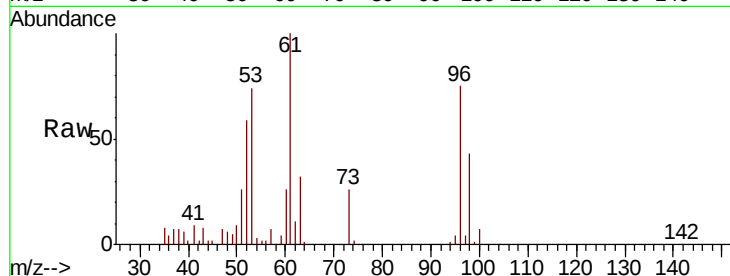
Delta R.T. 0.03 min

Lab File: VD060128.D

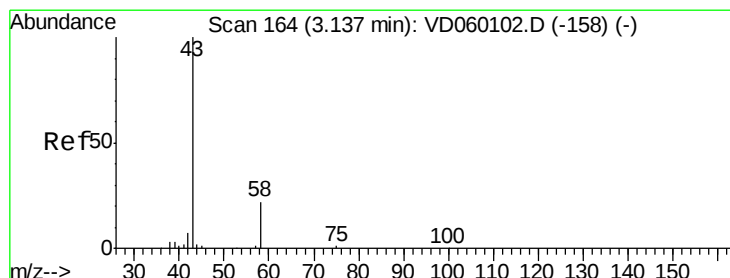
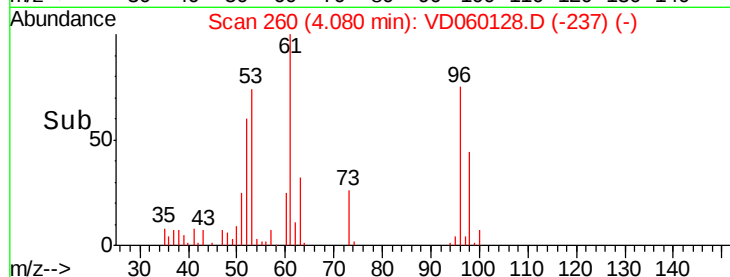
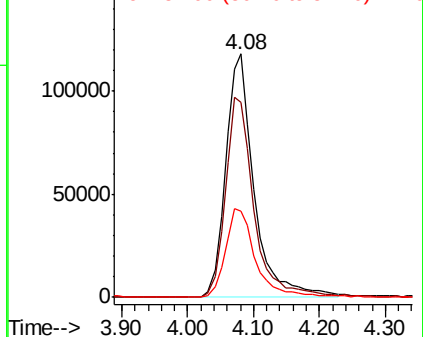
Acq: 4 Oct 2018 13:03

Tot Ion: 53 Resp: 354917

Ion	Ratio	Lower	Upper
53	100		
52	80.3	67.5	101.3
51	35.1	29.3	43.9



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 112.329 ug/l

RT: 3.16 min Scan# 166

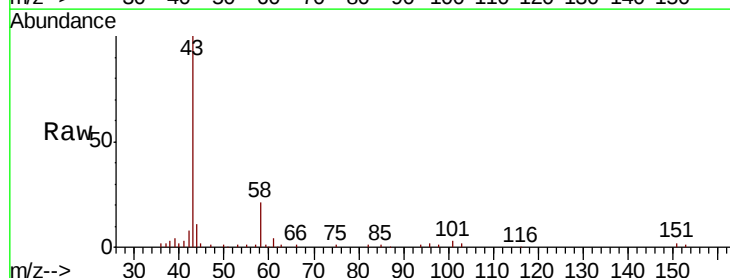
Delta R.T. 0.02 min

Lab File: VD060128.D

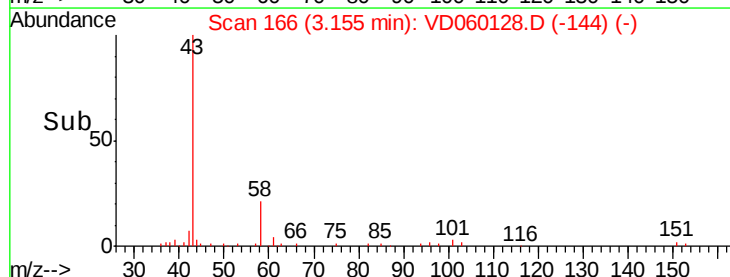
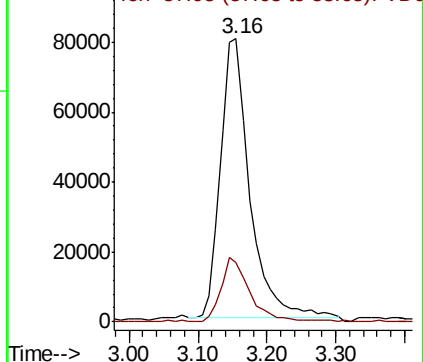
Acq: 4 Oct 2018 13:03

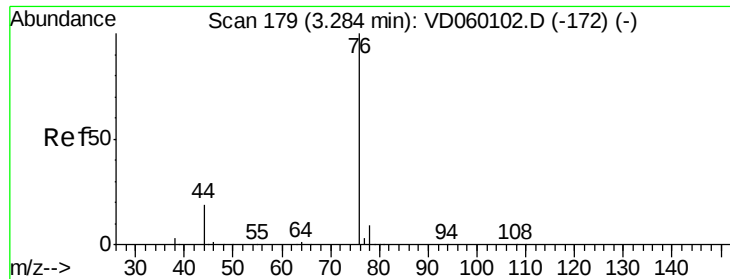
Tgt Ion: 43 Resp: 236461

Ion	Ratio	Lower	Upper
43	100		
58	20.8	17.7	26.5



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





#17

Carbon Disulfide

Concen: 22.184 ug/l

RT: 3.30 min Scan# 181

Delta R.T. 0.02 min

Lab File: VD060128.D

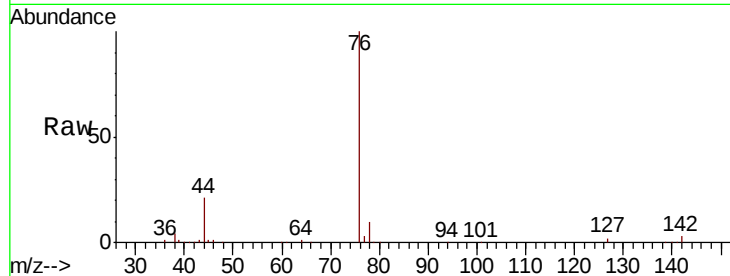
Acq: 4 Oct 2018 13:03

Tot Ion: 76 Resp: 465743

Ion Ratio Lower Upper

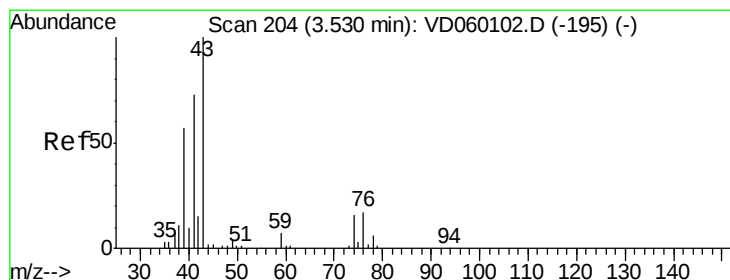
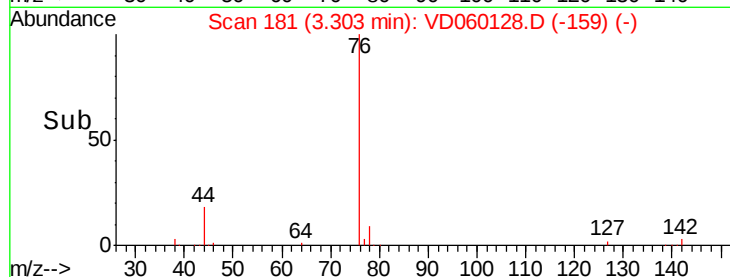
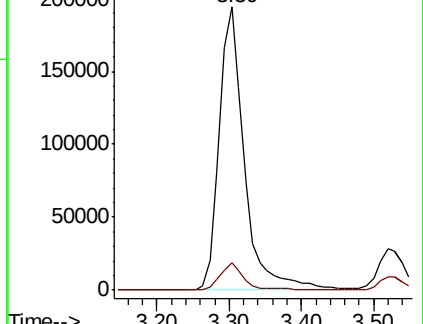
76 100

78 9.5 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: 20.359 ug/l

RT: 3.55 min Scan# 206

Delta R.T. 0.02 min

Lab File: VD060128.D

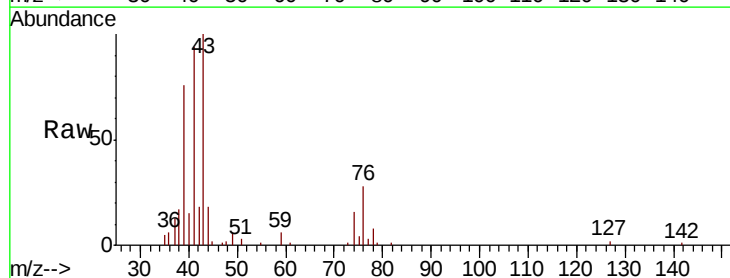
Acq: 4 Oct 2018 13:03

Tgt Ion: 43 Resp: 92112

Ion Ratio Lower Upper

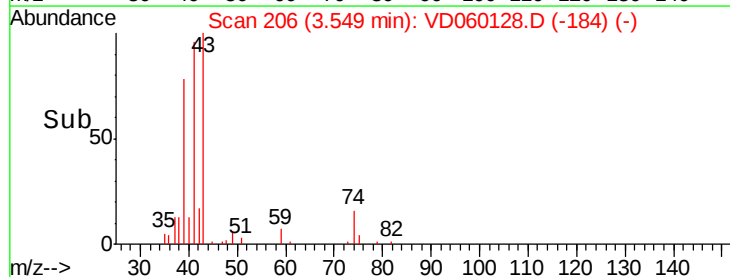
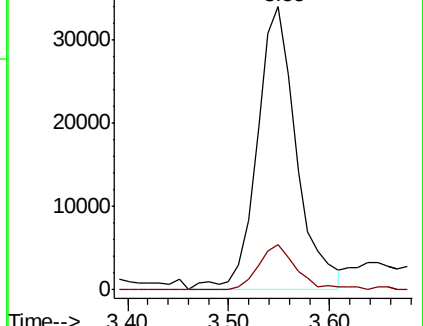
43 100

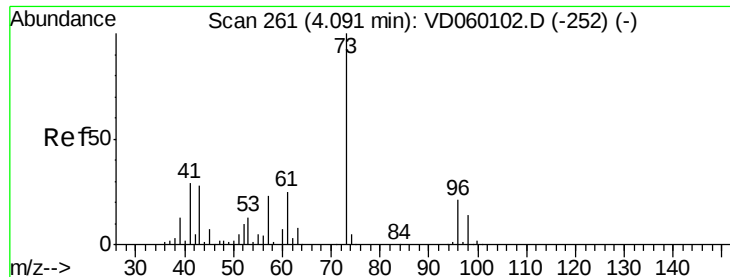
74 15.8 12.6 19.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

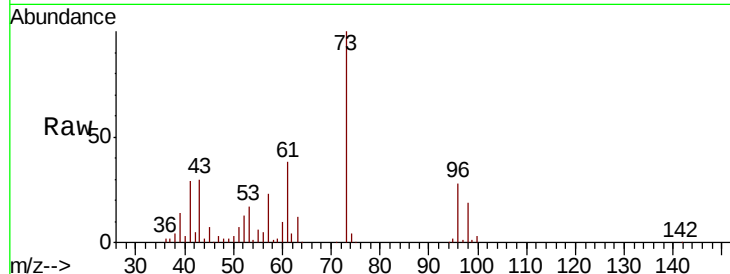




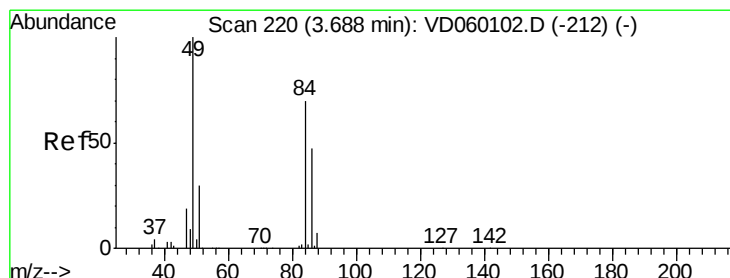
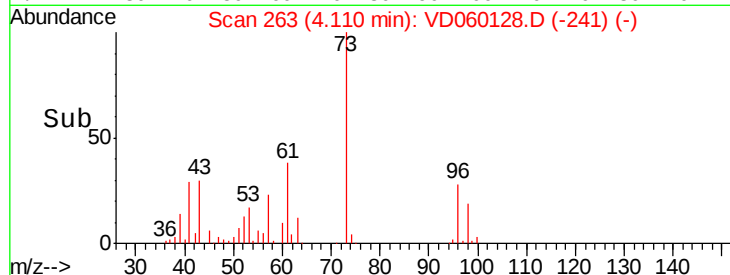
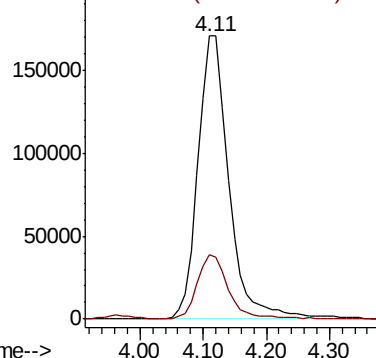
#19

Methvl tert-butvl Ether
 Concen: 21.058 ug/l
 RT: 4.11 min Scan# 263
 Delta R.T. 0.02 min
 Lab File: VD060128.D
 Acq: 4 Oct 2018 13:03

Tot Ion: 73 Resp: 578031
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.7 28.1



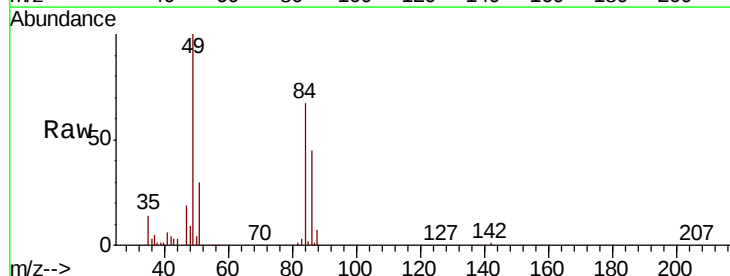
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



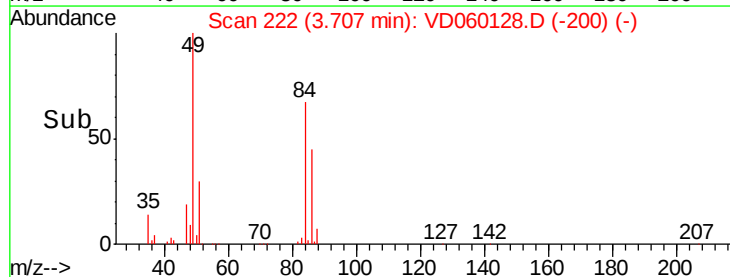
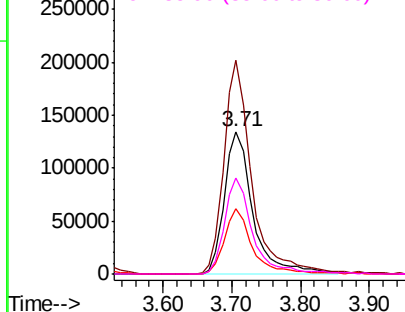
#20

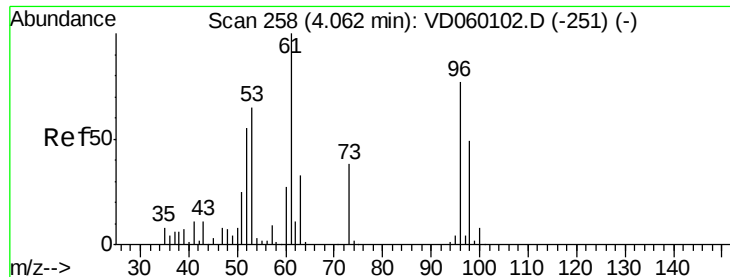
Methylene Chloride
 Concen: 20.785 ug/l
 RT: 3.71 min Scan# 222
 Delta R.T. 0.02 min
 Lab File: VD060128.D
 Acq: 4 Oct 2018 13:03

Tgt Ion: 84 Resp: 386036
 Ion Ratio Lower Upper
 84 100
 49 150.3 114.6 172.0
 51 45.7 33.8 50.8
 86 67.2 53.3 79.9



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





#21

trans-1,2-Dichloroethene

Concen: 21.023 ug/l

RT: 4.09 min Scan# 261

Delta R.T. 0.03 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

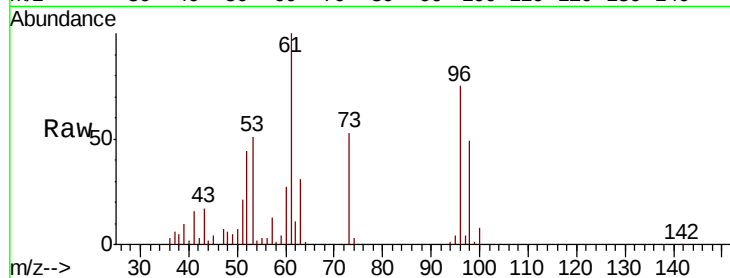
Tot Ion: 96 Resp: 338978

Ion Ratio Lower Upper

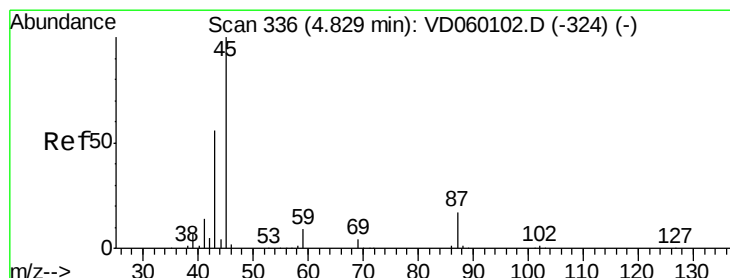
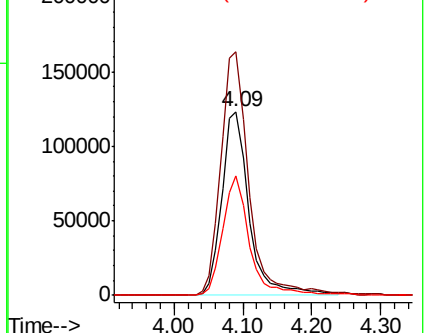
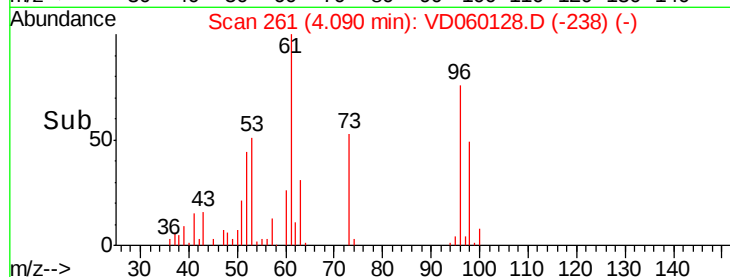
96 100

61 132.5 103.3 154.9

98 64.7 50.4 75.6



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



#22

Diisopropyl ether

Concen: 21.446 ug/l

RT: 4.85 min Scan# 338

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

Tgt Ion: 45 Resp: 1241857

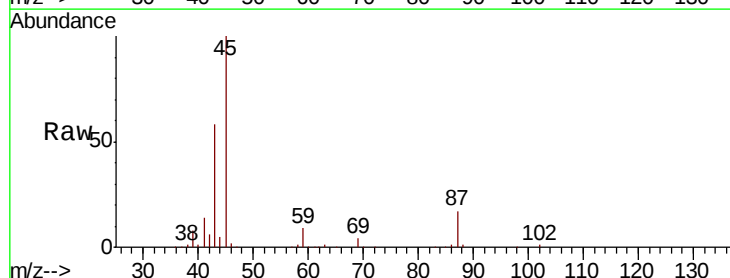
Ion Ratio Lower Upper

45 100

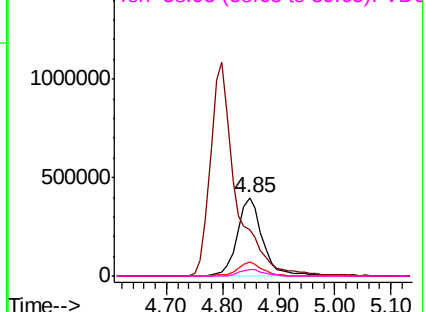
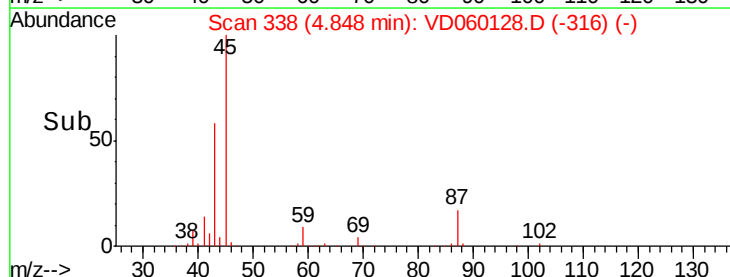
43 58.5 44.8 67.2

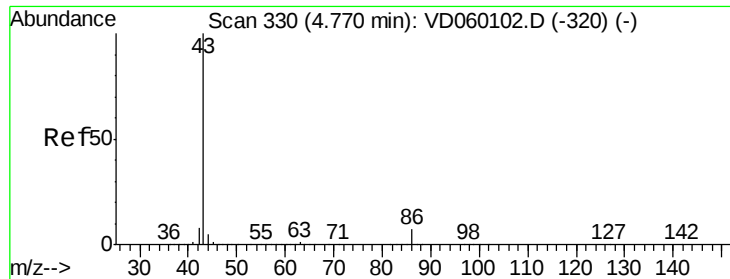
87 17.4 13.9 20.9

59 8.5 7.1 10.7



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





#23

Vinyl Acetate

Concen: 105.852 ug/l

RT: 4.80 min Scan# 333

Delta R.T. 0.03 min

Lab File: VD060128.D

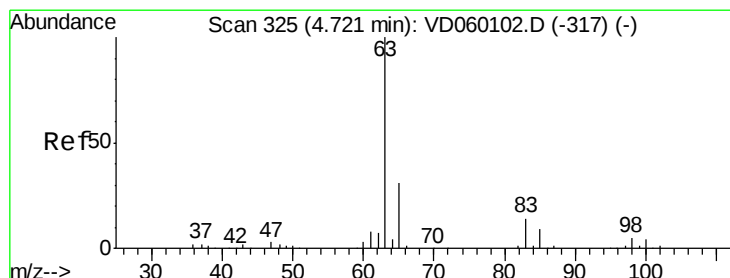
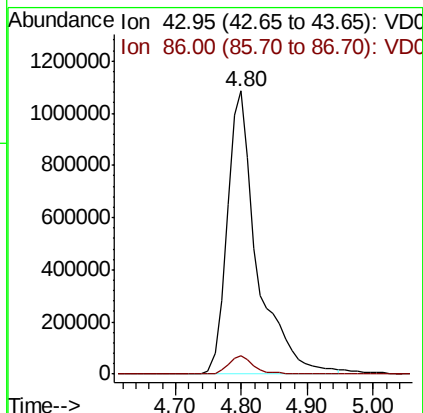
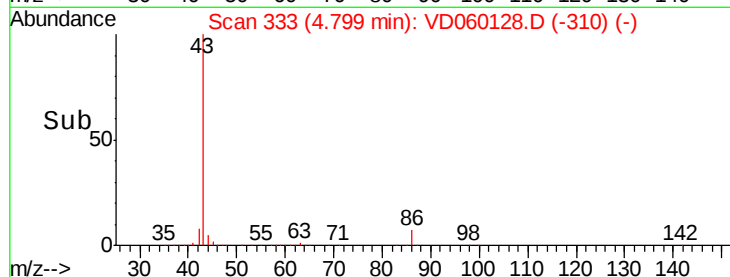
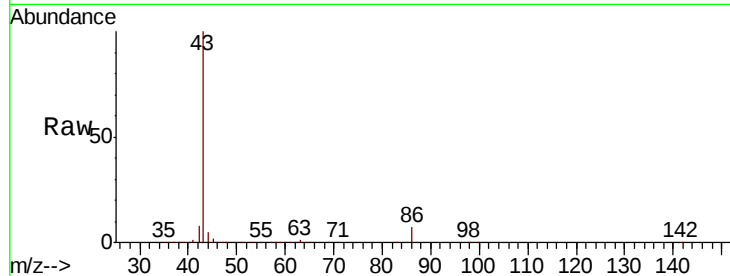
Acq: 4 Oct 2018 13:03

Tot Ion: 43 Resp: 3445476

Ion Ratio Lower Upper

43 100

86 6.7 5.6 8.4



#24

1,1-Dichloroethane

Concen: 21.216 ug/l

RT: 4.75 min Scan# 328

Delta R.T. 0.03 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

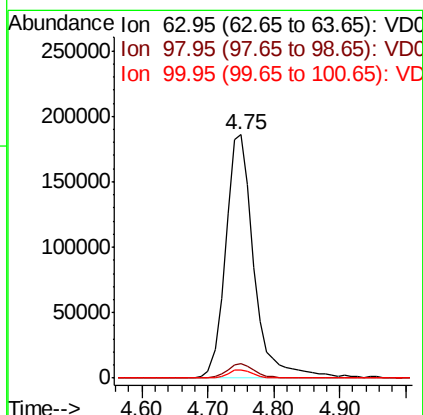
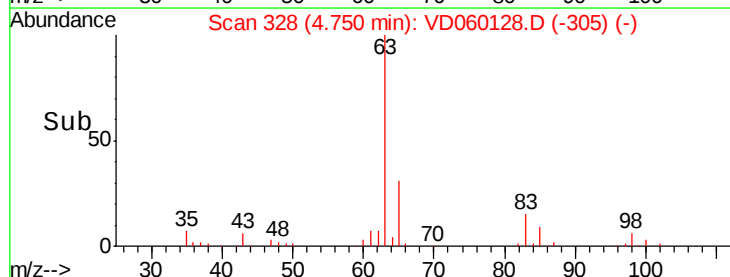
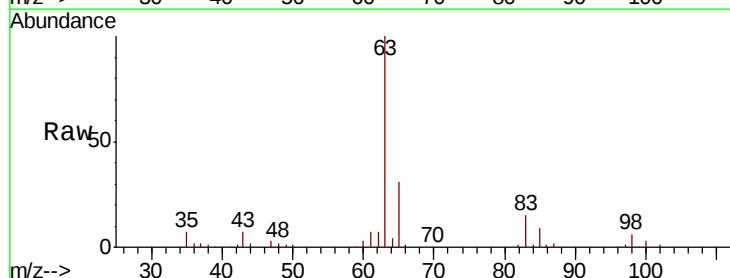
Tgt Ion: 63 Resp: 557043

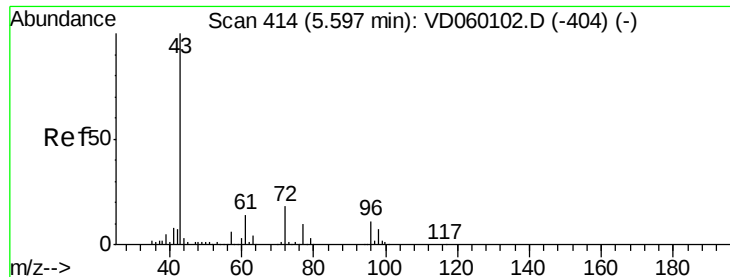
Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.3

100 3.2 1.8 5.3





#25

2-Butanone

Concen: 113.223 ug/l

RT: 5.62 min Scan# 416

Delta R.T. 0.02 min

Lab File: VD060128.D

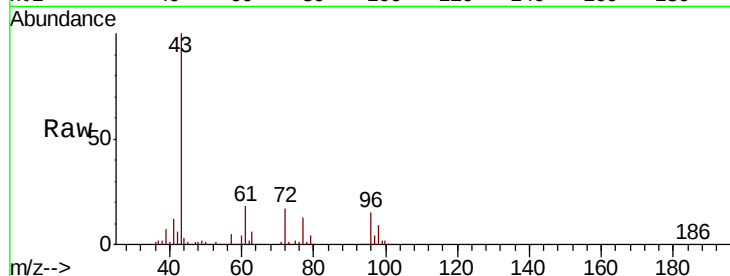
Acq: 4 Oct 2018 13:03

Tot Ion: 43 Resp: 595438

Ion Ratio Lower Upper

43 100

72 17.5 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

250000

200000

150000

100000

50000

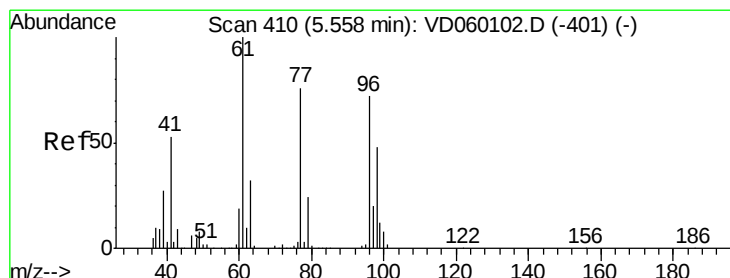
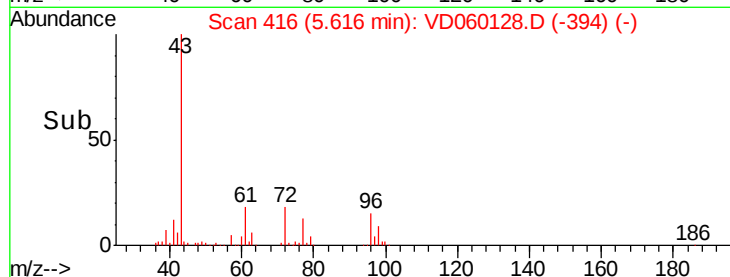
0

5.50

5.60

5.70

Time-->



#26

2,2-Dichloropropane

Concen: 22.462 ug/l

RT: 5.58 min Scan# 412

Delta R.T. 0.02 min

Lab File: VD060128.D

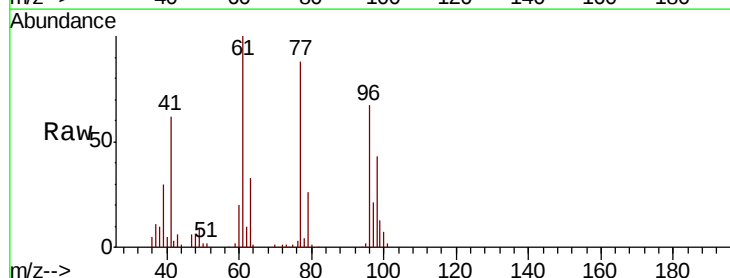
Acq: 4 Oct 2018 13:03

Tgt Ion: 77 Resp: 447089

Ion Ratio Lower Upper

77 100

97 24.0 13.3 39.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

150000

100000

50000

0

5.40

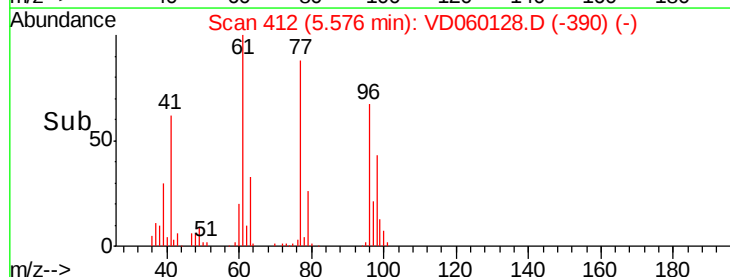
5.50

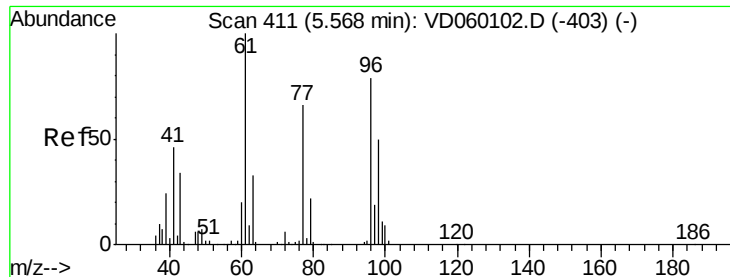
5.60

5.70

5.80

Time-->

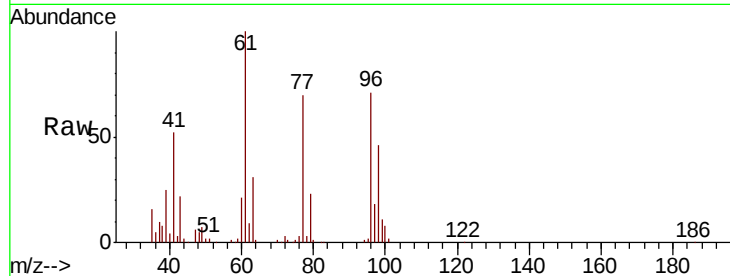




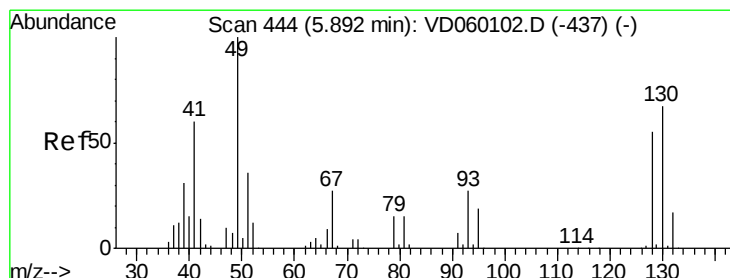
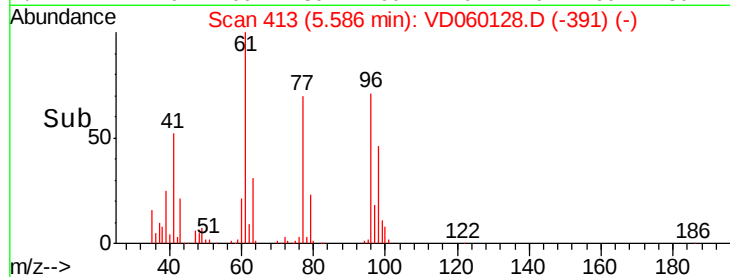
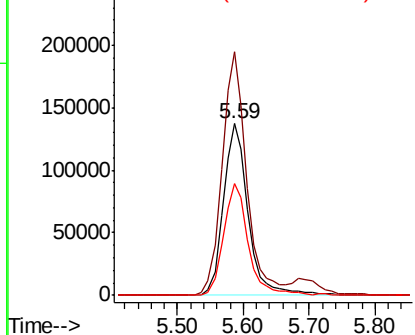
#27

cis-1,2-Dichloroethene
 Concen: 21.086 ug/l
 RT: 5.59 min Scan# 413
 Delta R.T. 0.02 min
 Lab File: VD060128.D
 Acq: 4 Oct 2018 13:03

Tot Ion	96	Resp	360228
Ion Ratio	Lower	Upper	
96	100		
61	141.8	0.0	251.8
98	65.4	0.0	125.2



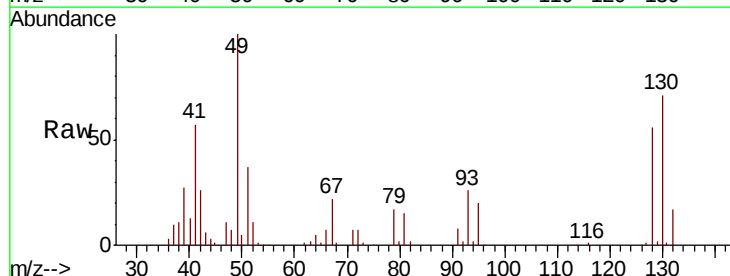
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



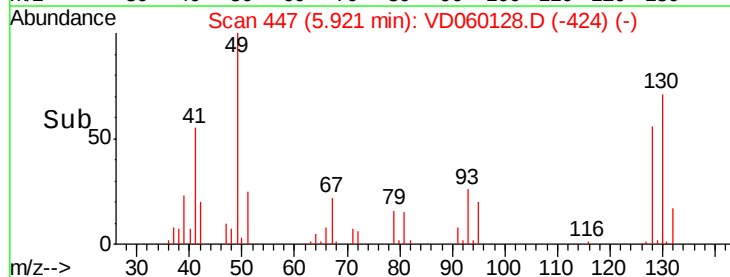
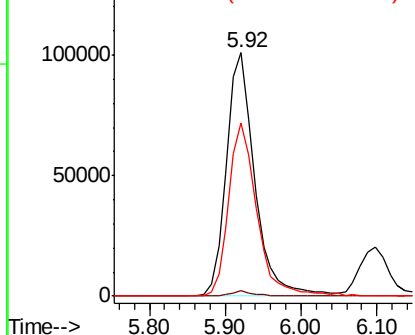
#28

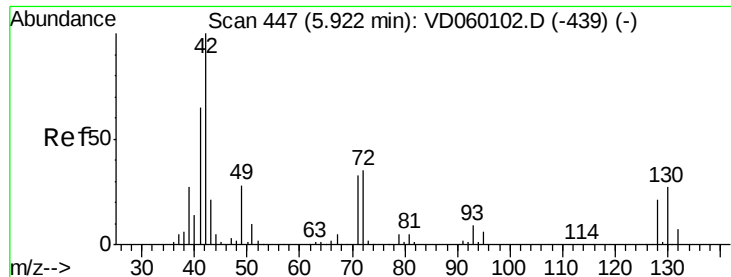
Bromochloromethane
 Concen: 20.446 ug/l
 RT: 5.92 min Scan# 447
 Delta R.T. 0.03 min
 Lab File: VD060128.D
 Acq: 4 Oct 2018 13:03

Tgt Ion	49	Resp	260874
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	3.6
130	71.0	53.9	80.9



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





#29

Tetrahydrofuran

Concen: 102.908 ug/l

RT: 5.95 min Scan# 450

Delta R.T. 0.03 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

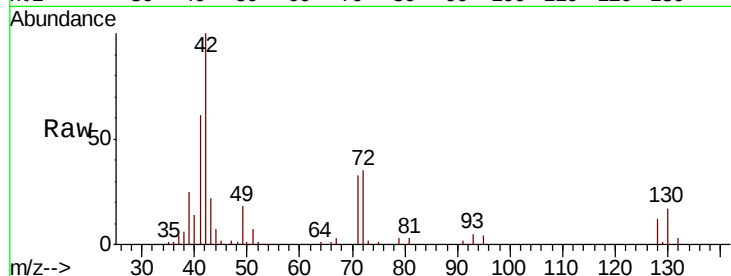
Tot Ion: 42 Resp: 314351

Ion Ratio Lower Upper

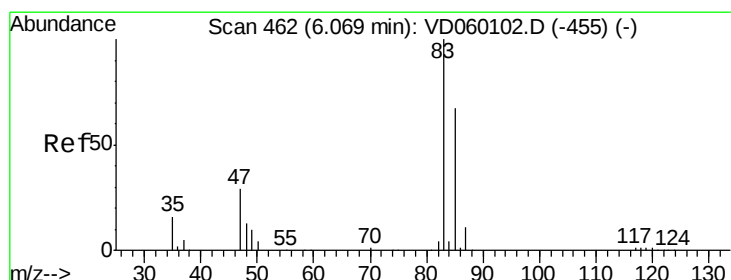
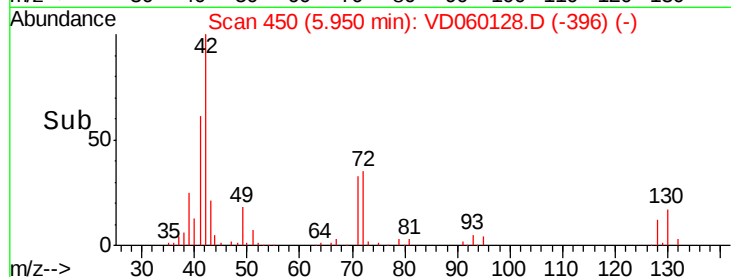
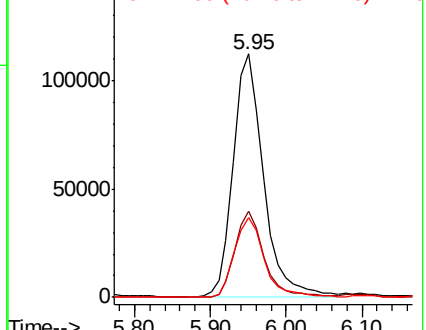
42 100

72 33.5 26.9 40.3

71 32.2 26.7 40.1



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



#30

Chloroform

Concen: 21.591 ug/l

RT: 6.10 min Scan# 465

Delta R.T. 0.03 min

Lab File: VD060128.D

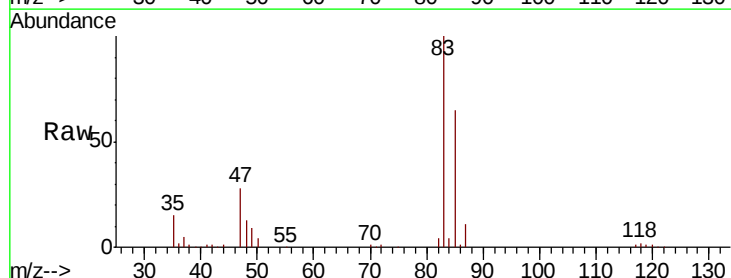
Acq: 4 Oct 2018 13:03

Tgt Ion: 83 Resp: 573440

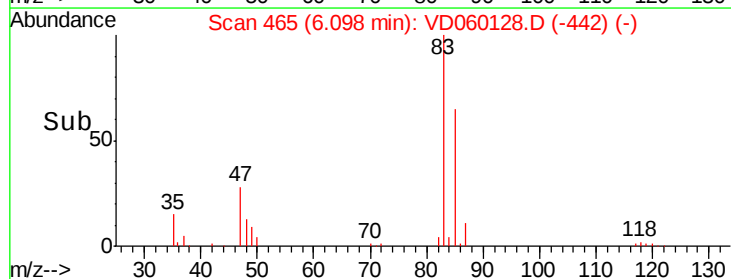
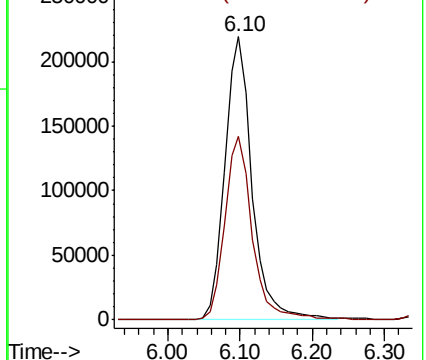
Ion Ratio Lower Upper

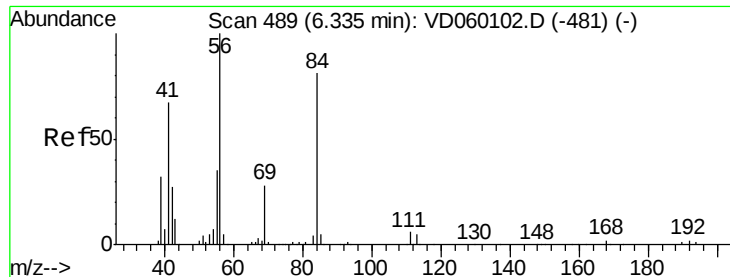
83 100

85 65.0 53.8 80.8



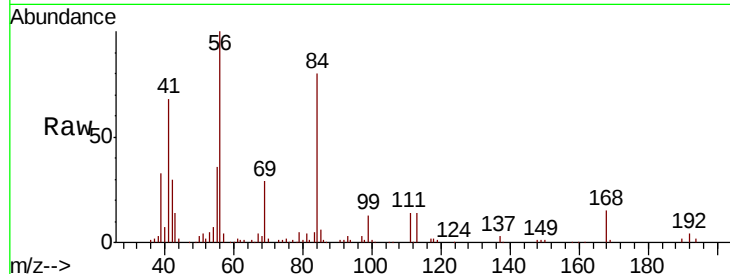
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC



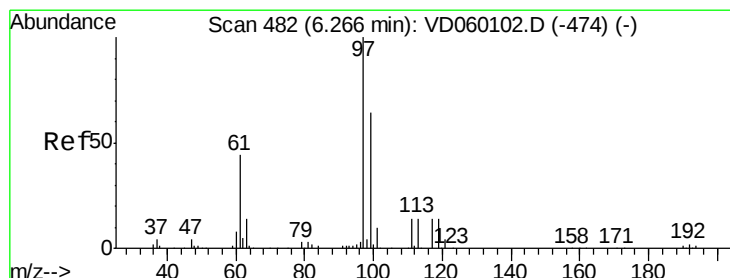
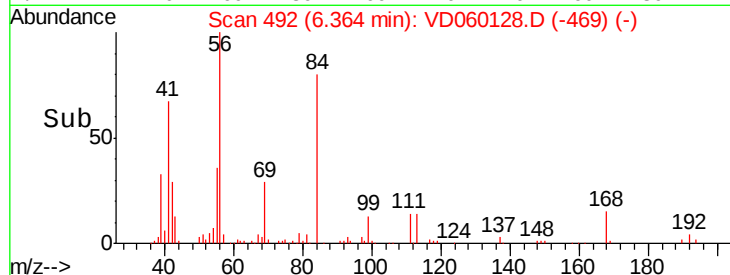
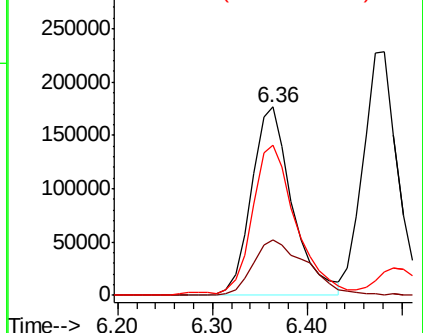


#31
Cvclohexane
Concen: 21.031 ug/l
RT: 6.36 min Scan# 492
Delta R.T. 0.03 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tot Ion	56	Resp	528574
Ion	Ratio	Lower	Upper
56	100		
69	29.4	22.8	34.2
84	80.1	64.9	97.3

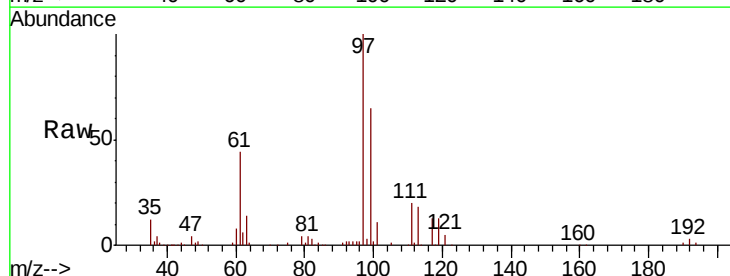


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

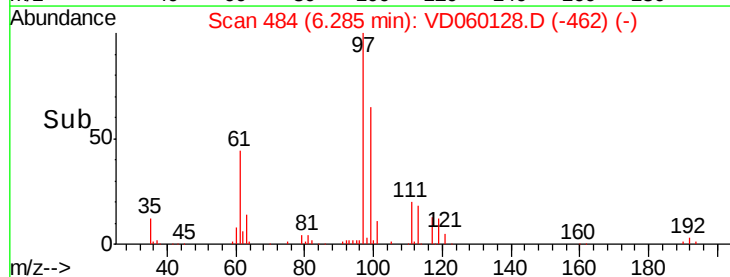
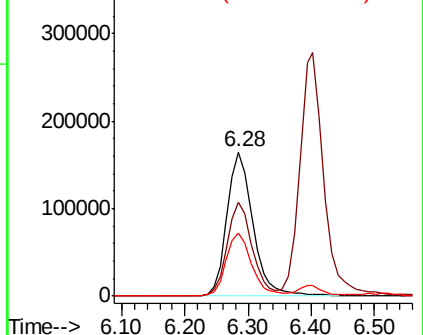


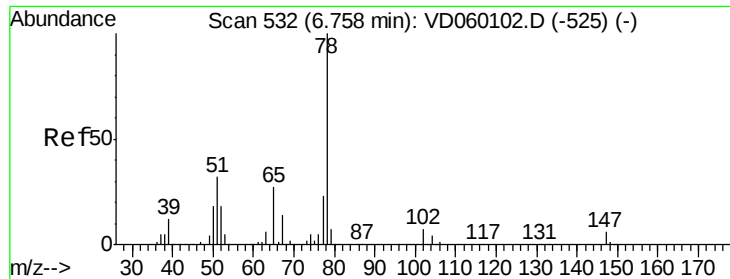
#32
1,1,1-Trichloroethane
Concen: 21.587 ug/l
RT: 6.28 min Scan# 484
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tgt Ion	97	Resp	469723
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	44.0	35.5	53.3



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: 21.587 ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060128.D

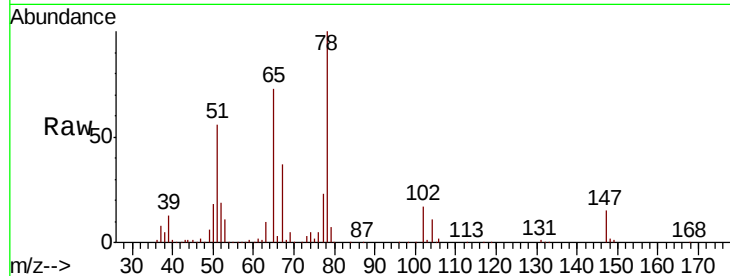
Acq: 4 Oct 2018 13:03

Tot Ion: 65 Resp: 599683

Ion Ratio Lower Upper

65 100

67 50.7 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

250000

200000

150000

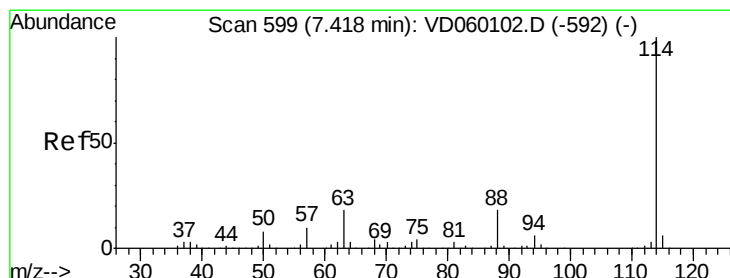
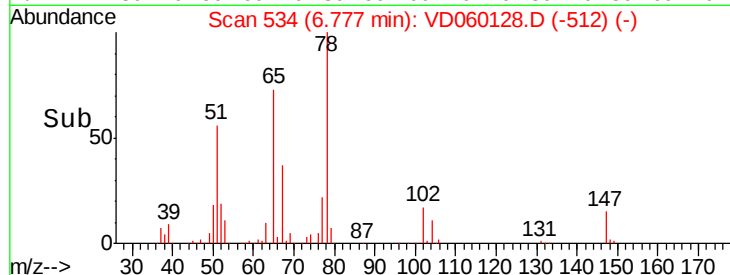
100000

50000

0

6.70 6.80 6.90

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

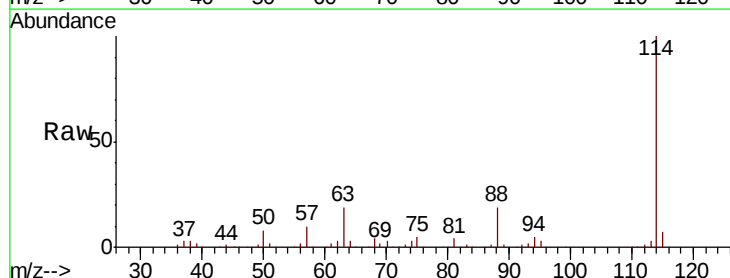
Tgt Ion: 114 Resp: 2156766

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.0

88 18.8 0.0 36.2



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

1200000

1000000

800000

600000

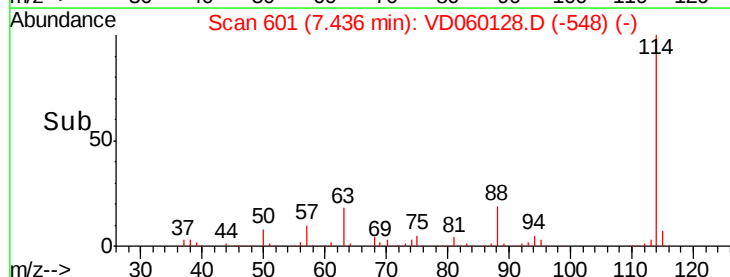
400000

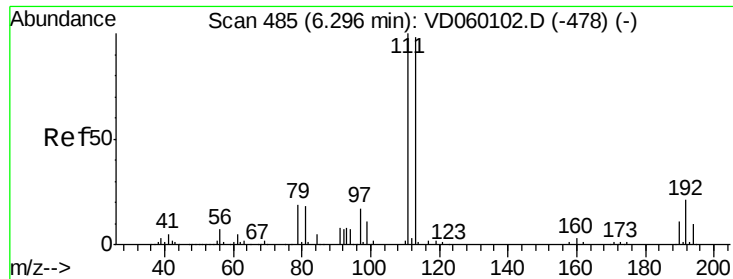
200000

0

7.30 7.40 7.50 7.60 7.70

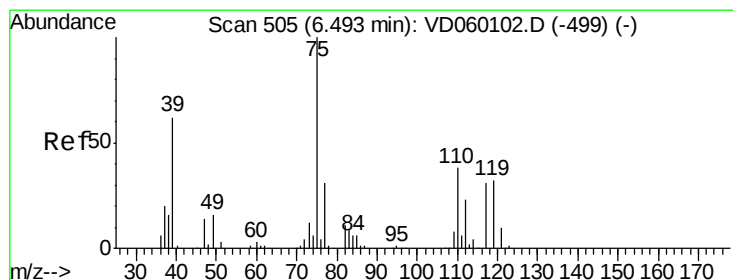
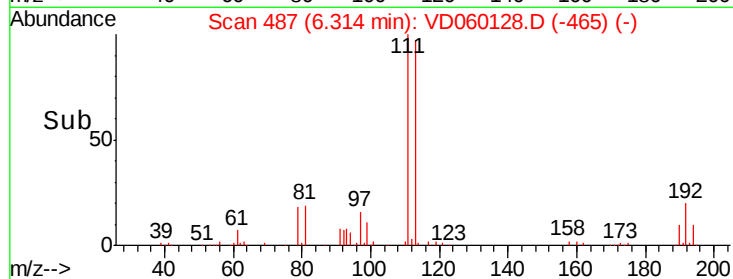
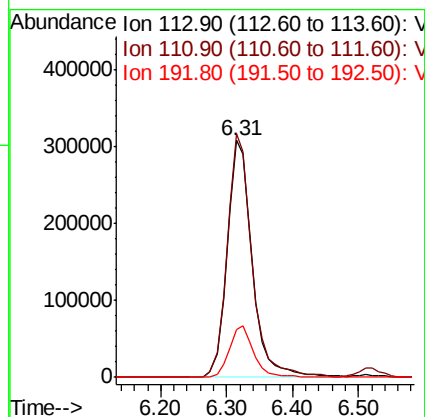
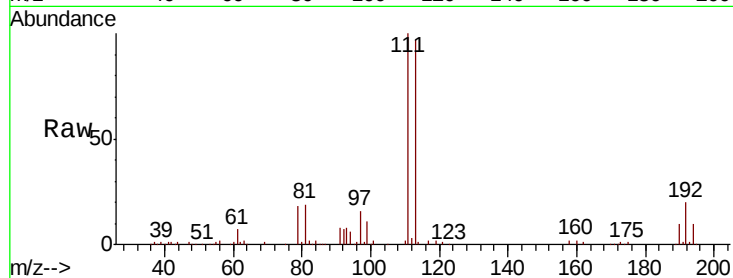
Time-->





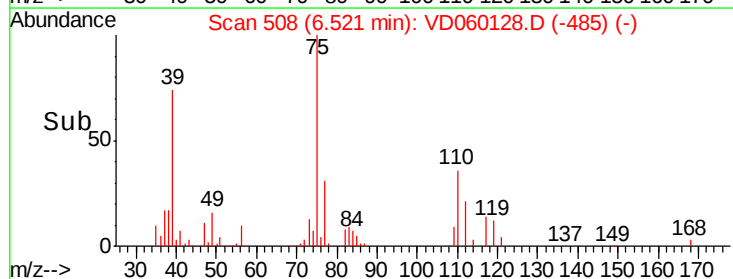
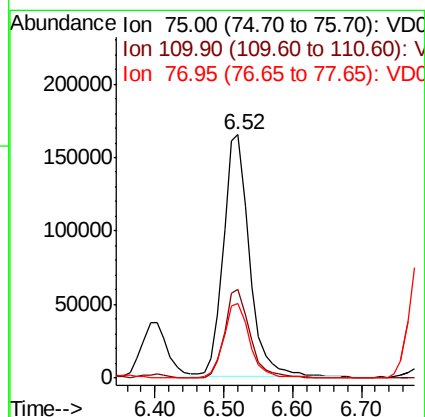
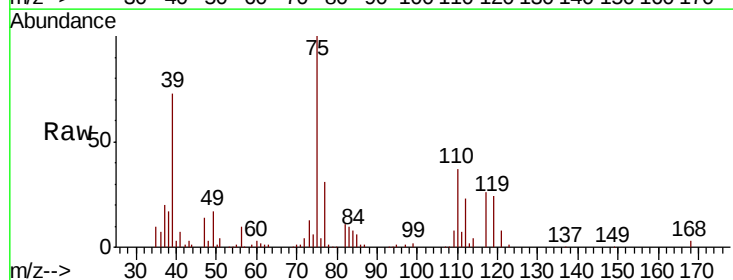
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060128.D
 Acq: 4 Oct 2018 13:03

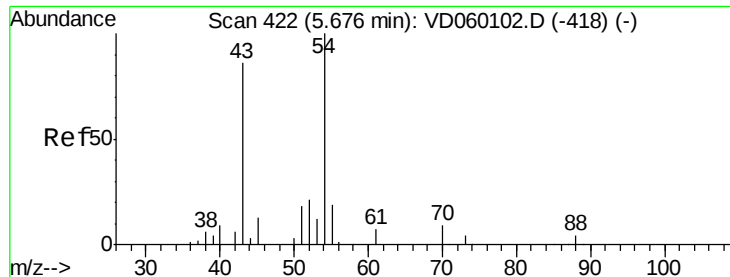
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	20.2	17.4	26.0



#36
 1,1-Dichloropropene
 Concen: 21.020 ug/l
 RT: 6.52 min Scan# 508
 Delta R.T. 0.03 min
 Lab File: VD060128.D
 Acq: 4 Oct 2018 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	19.0	57.0
77	30.9	24.9	37.3





#37

Ethyl Acetate

Concen: 19.147 ug/l

RT: 5.69 min Scan# 424

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

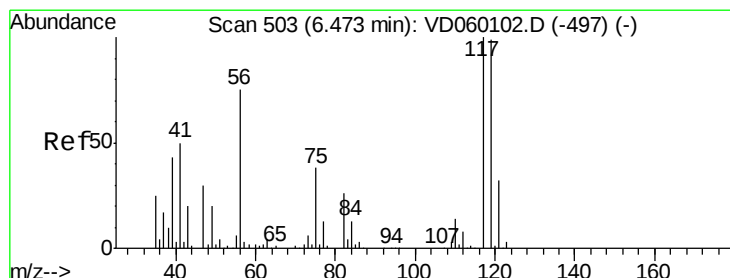
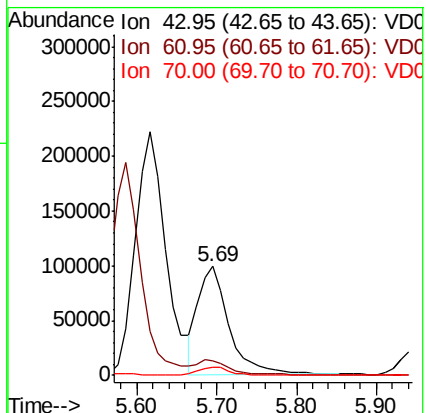
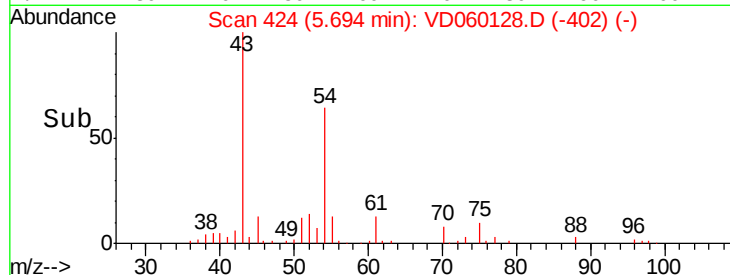
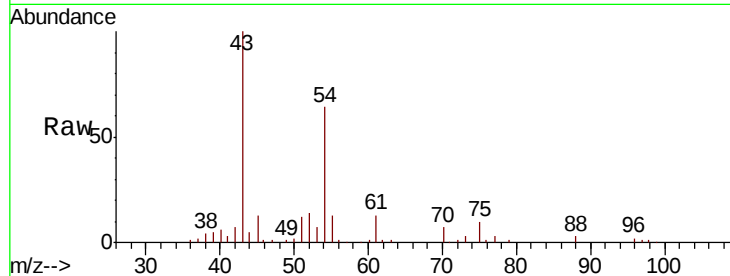
Tot Ion: 43 Resp: 261936

Ion Ratio Lower Upper

43 100

61 13.2 10.5 15.7

70 7.5 6.3 9.5



#38

Carbon Tetrachloride

Concen: 20.946 ug/l

RT: 6.49 min Scan# 505

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

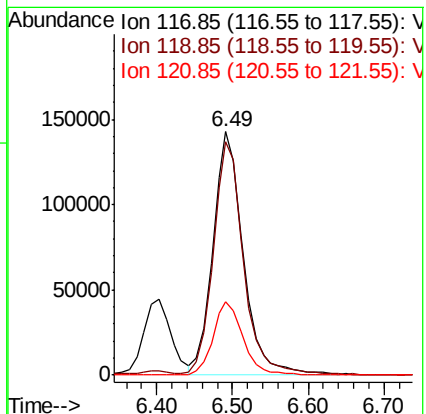
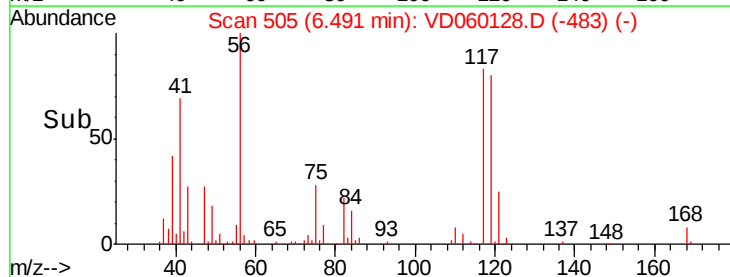
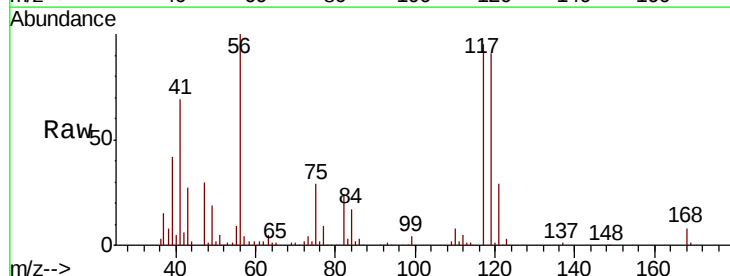
Tgt Ion: 117 Resp: 391815

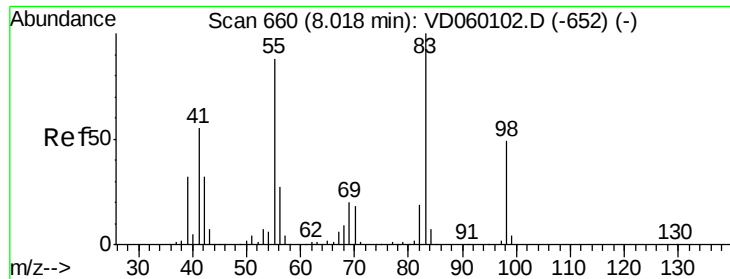
Ion Ratio Lower Upper

117 100

119 96.0 77.8 116.6

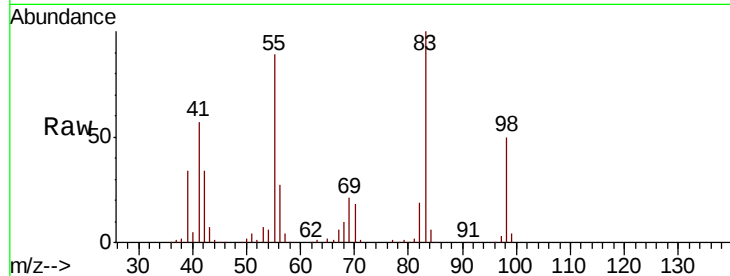
121 30.2 24.8 37.2



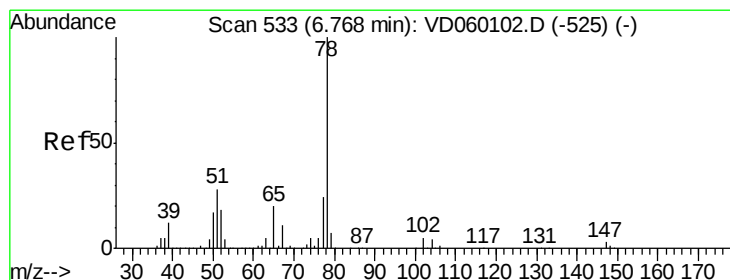
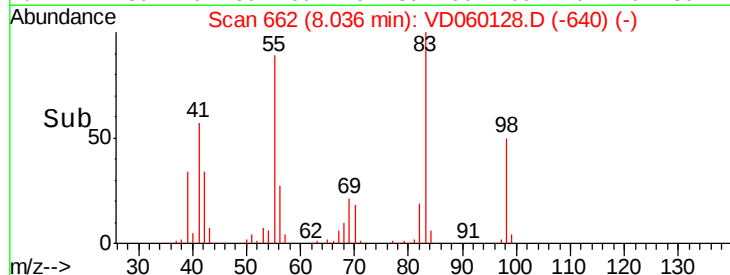
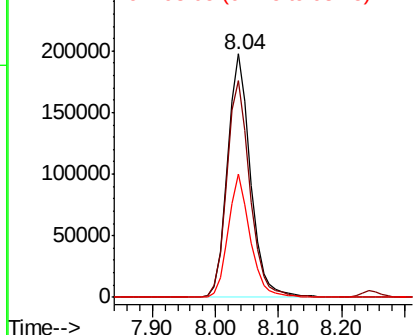


#39
Methvlcvclohexane
Concen: 21.256 ug/l
RT: 8.04 min Scan# 662
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tot Ion: 83 Resp: 497750
Ion Ratio Lower Upper
83 100
55 89.2 70.5 105.7
98 50.4 39.4 59.2

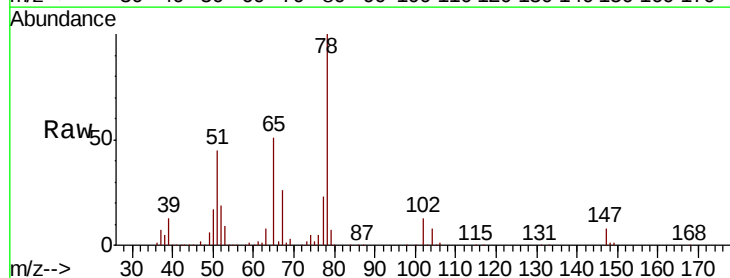


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

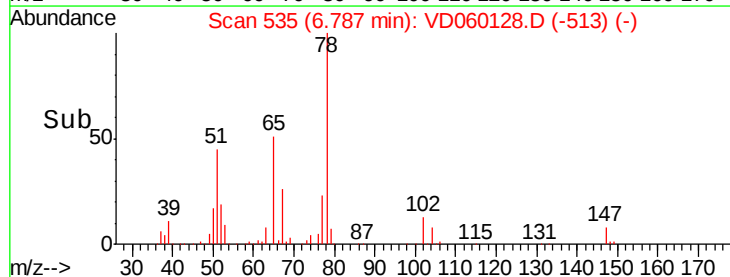
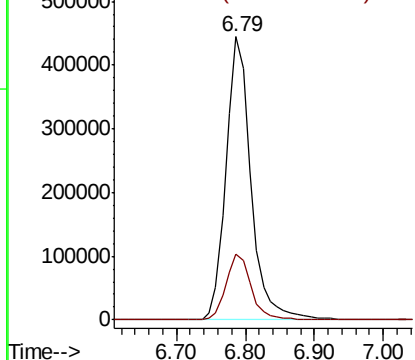


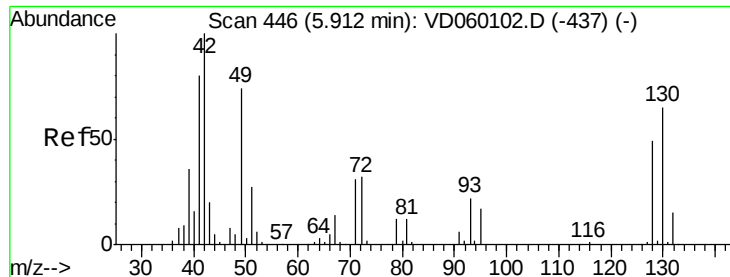
#40
Benzene
Concen: 20.711 ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tgt Ion: 78 Resp: 1116719
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4



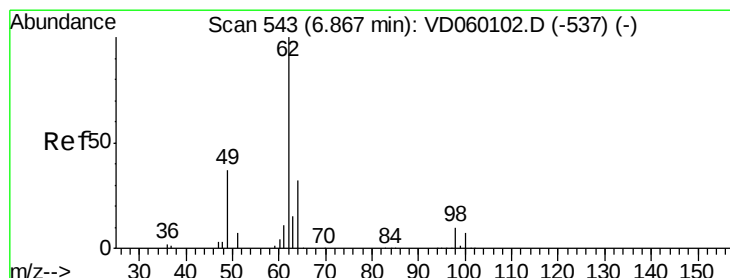
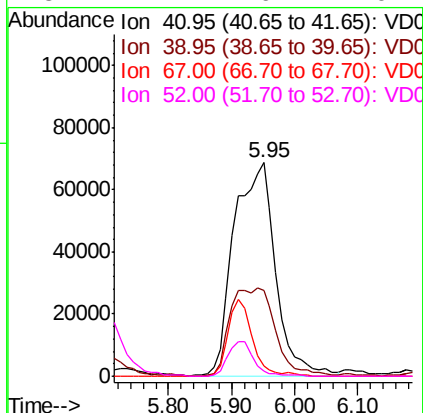
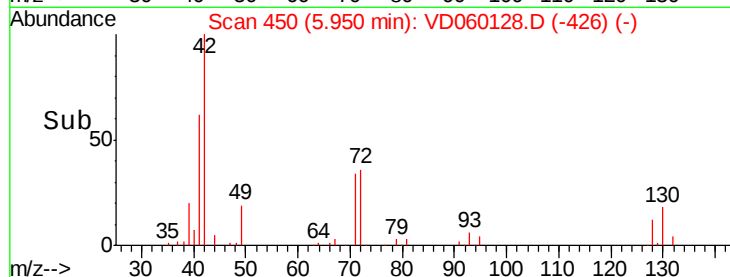
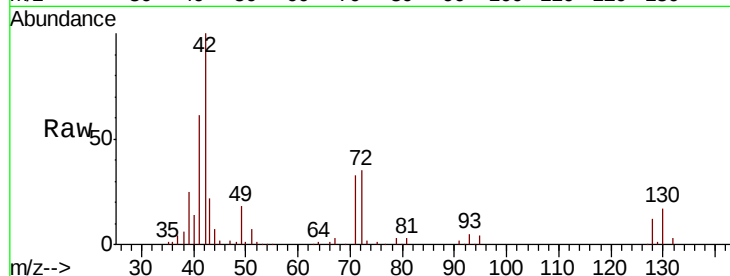
Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





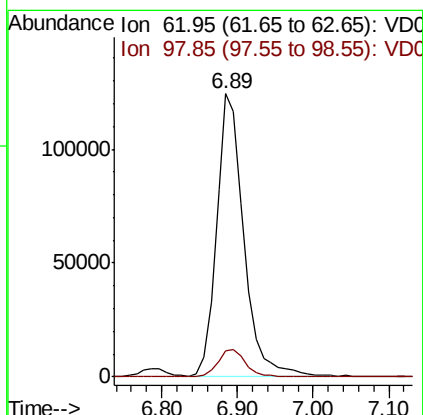
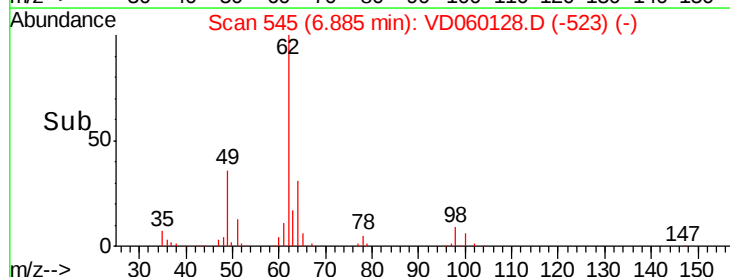
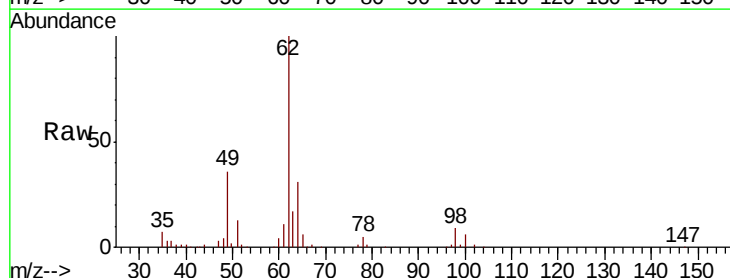
#41
Methacrylonitrile
Concen: 40.913 ug/l
RT: 5.95 min Scan# 450
Delta R.T. 0.04 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

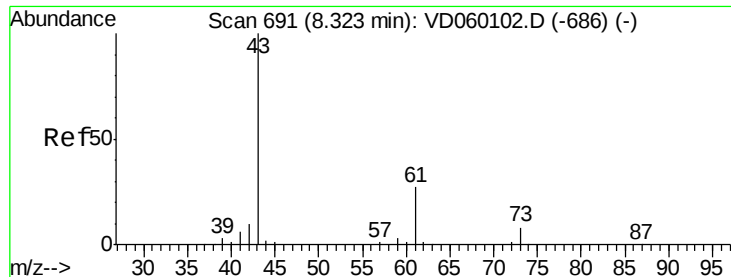
Tot Ion	Ratio	Lower	Upper
41	100		
39	40.3	36.0	54.0
67	4.8	13.9	20.9
52	2.4	6.1	9.1



#42
1,2-Dichloroethane
Concen: 19.983 ug/l
RT: 6.89 min Scan# 545
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.565 ug/l

RT: 8.35 min Scan# 694

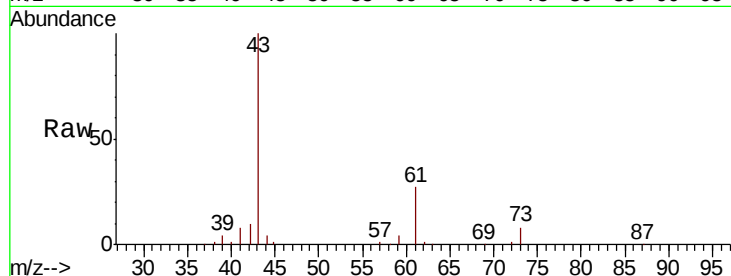
Delta R.T. 0.03 min

Lab File: VD060128.D

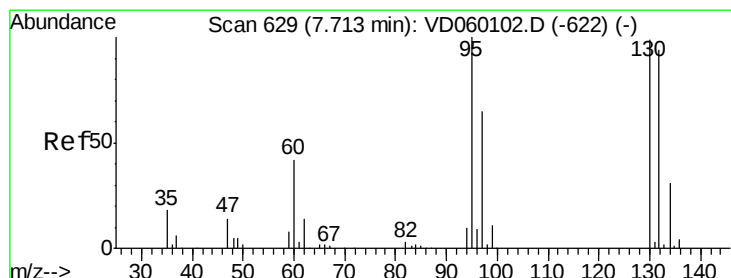
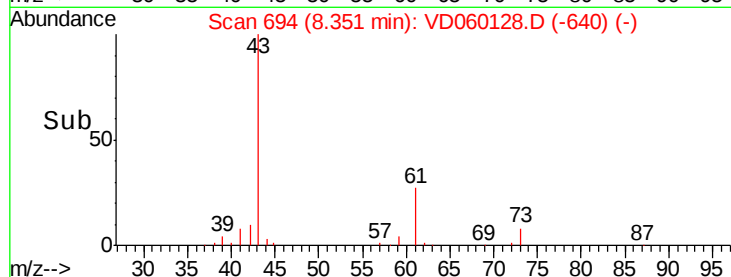
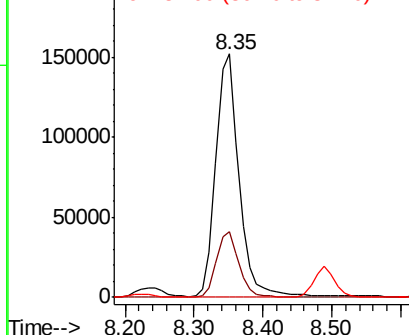
Acq: 4 Oct 2018 13:03

Tot Ion: 43 Resp: 352127

Ion	Ratio	Lower	Upper
43	100		
61	26.8	21.4	32.2
87	0.3	0.2	0.2#



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



#44

Trichloroethene

Concen: 20.418 ug/l

RT: 7.74 min Scan# 632

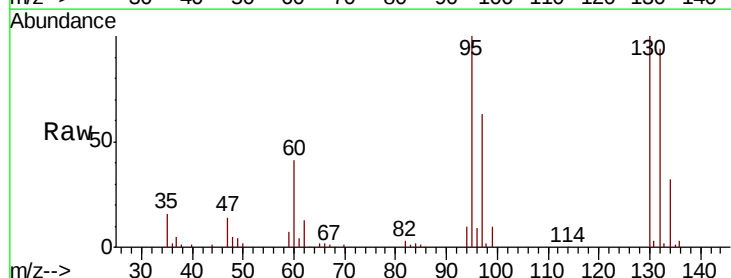
Delta R.T. 0.03 min

Lab File: VD060128.D

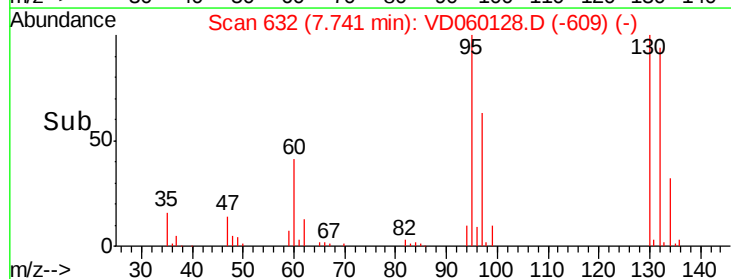
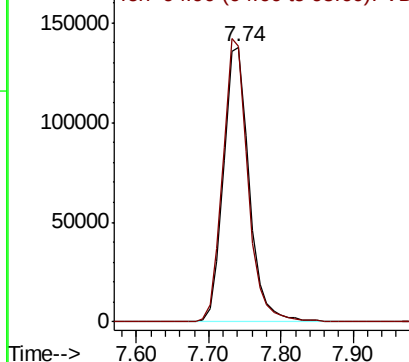
Acq: 4 Oct 2018 13:03

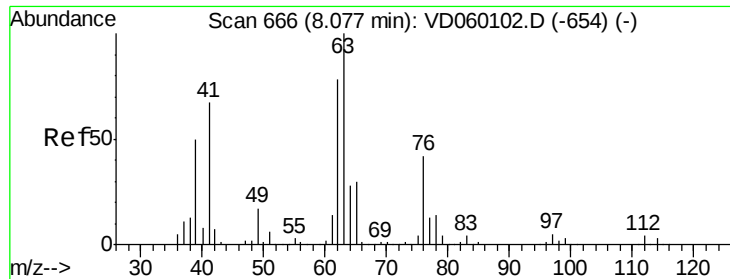
Tgt Ion: 130 Resp: 340792

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	202.2



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





#45

1,2-Dichloropropane

Concen: 21.041 ug/l

RT: 8.10 min Scan# 668

Delta R.T. 0.02 min

Lab File: VD060128.D

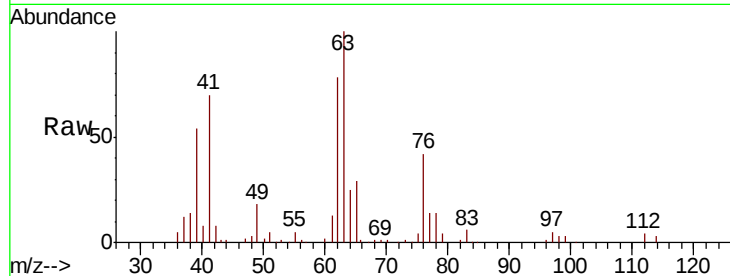
Acq: 4 Oct 2018 13:03

Tot Ion: 63 Resp: 297061

Ion Ratio Lower Upper

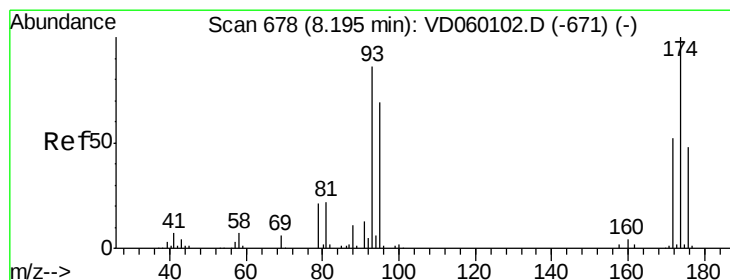
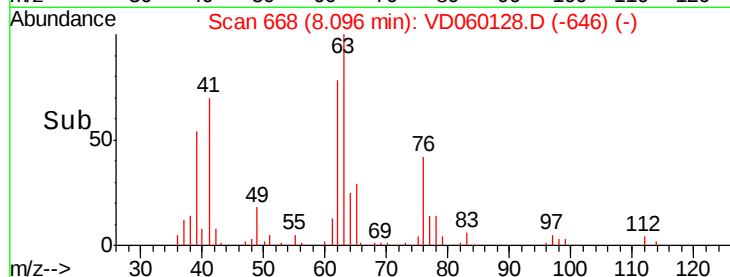
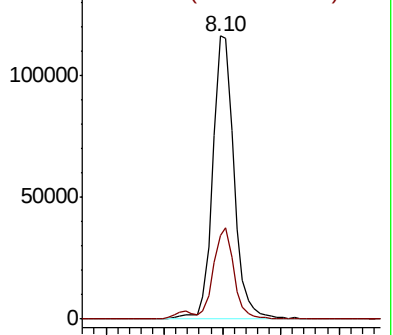
63 100

65 29.4 24.1 36.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 20.307 ug/l

RT: 8.21 min Scan# 680

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

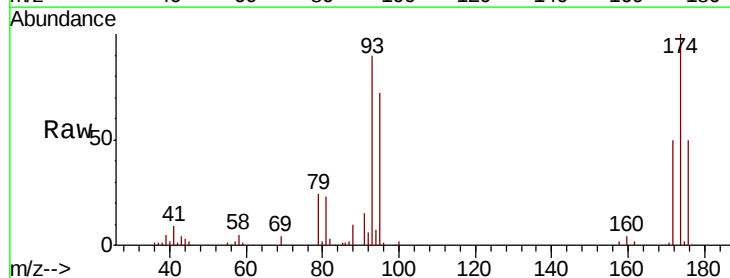
Tgt Ion: 93 Resp: 185617

Ion Ratio Lower Upper

93 100

95 80.1 63.8 95.6

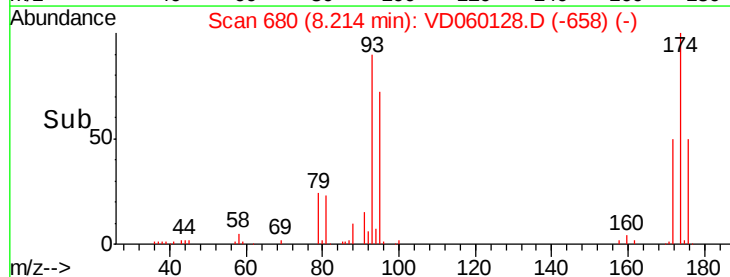
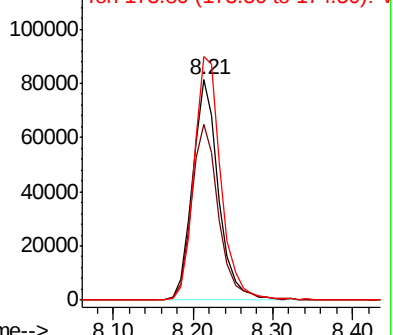
174 110.6 92.9 139.3

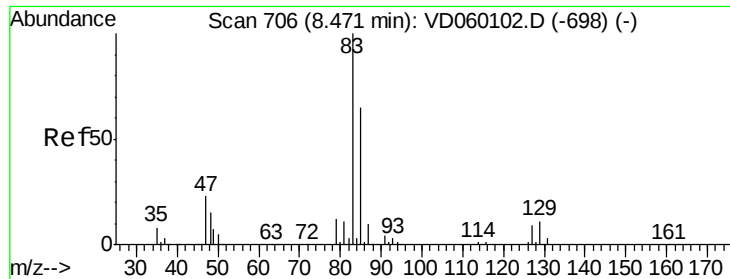


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 21.056 ug/l

RT: 8.49 min Scan# 708

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

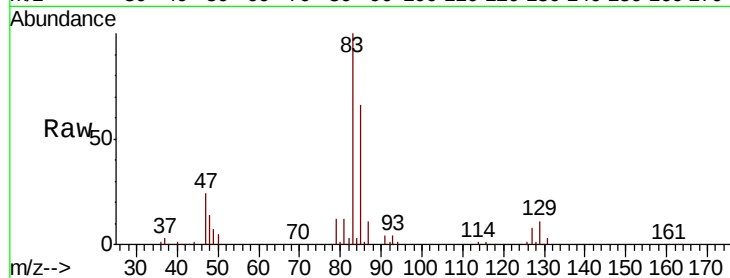
Tot Ion: 83 Resp: 410075

Ion Ratio Lower Upper

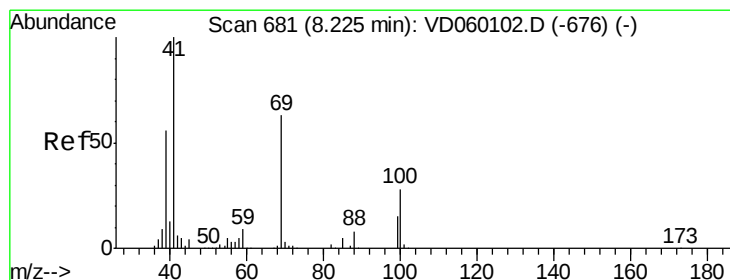
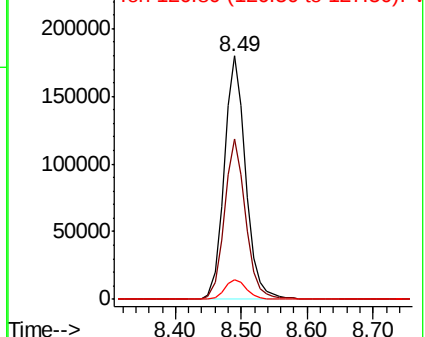
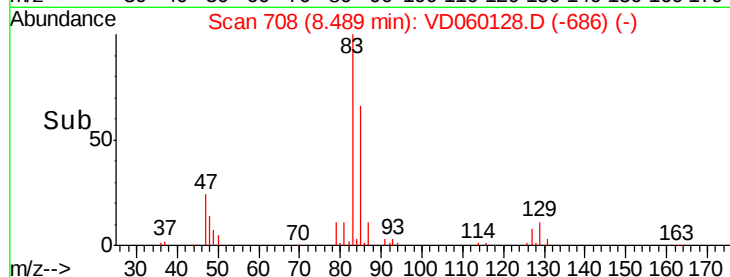
83 100

85 65.9 52.2 78.2

127 8.1 7.4 11.0



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



#48

Methyl methacrylate

Concen: 20.047 ug/l

RT: 8.24 min Scan# 683

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

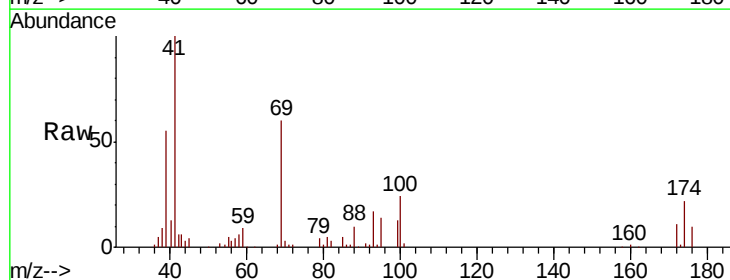
Tgt Ion: 41 Resp: 205512

Ion Ratio Lower Upper

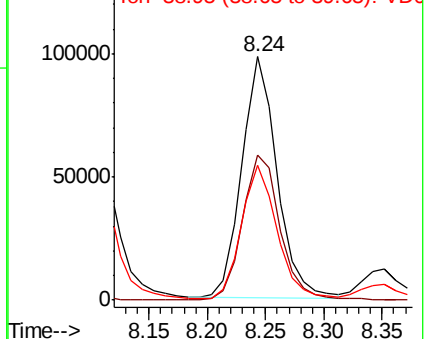
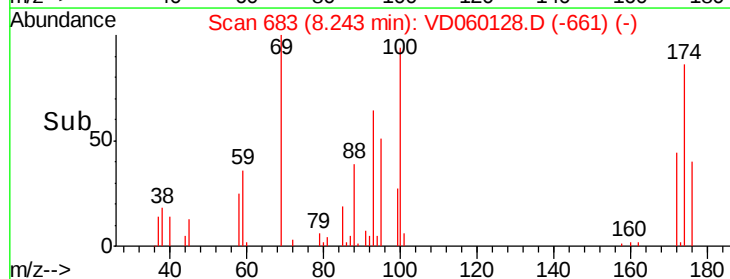
41 100

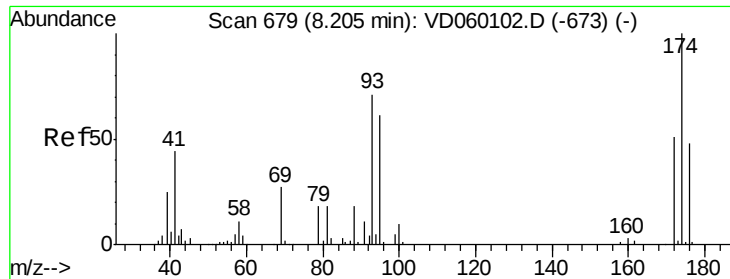
69 59.8 49.7 74.5

39 55.4 45.2 67.8



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





#49

1,4-Dioxane

Concen: 390.321 ug/l

RT: 8.22 min Scan# 681

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

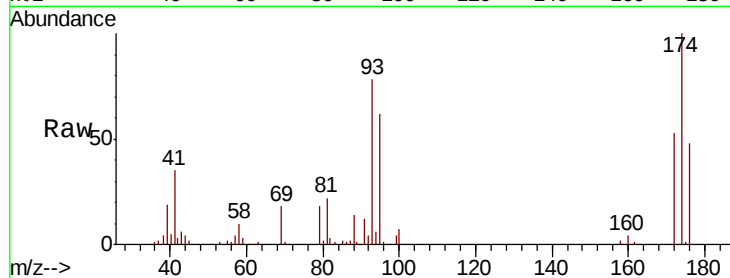
Tot Ion: 88 Resp: 39371

Ion Ratio Lower Upper

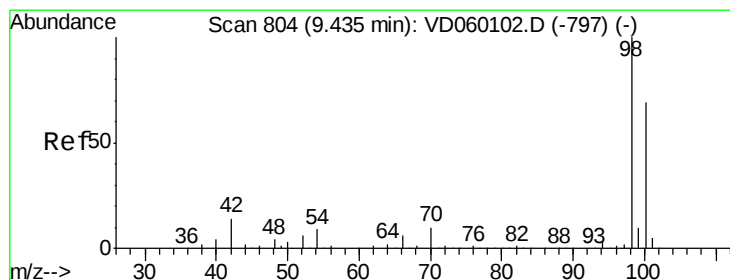
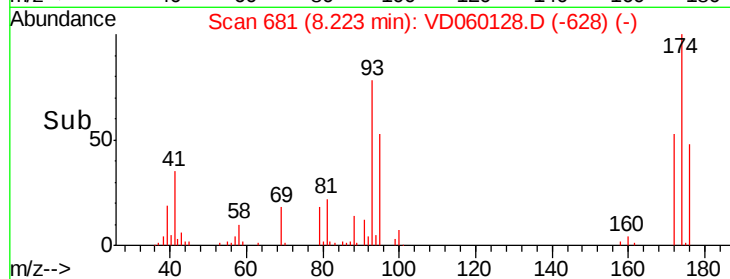
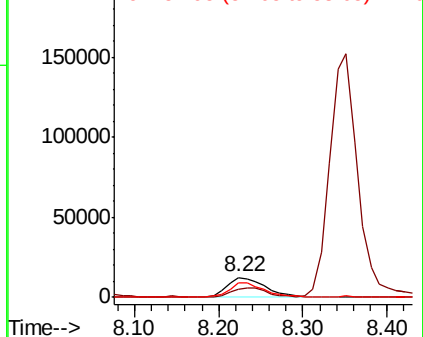
88 100

43 43.1 33.7 50.5

58 69.6 49.1 73.7



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



#50

Toluene-d8

Concen: 390.321 ug/l

RT: 9.45 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060128.D

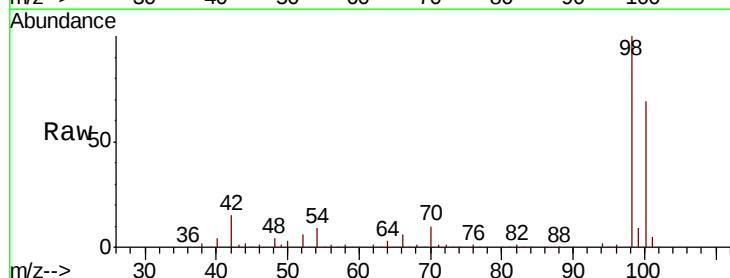
Acq: 4 Oct 2018 13:03

Tgt Ion: 98 Resp: 2254044

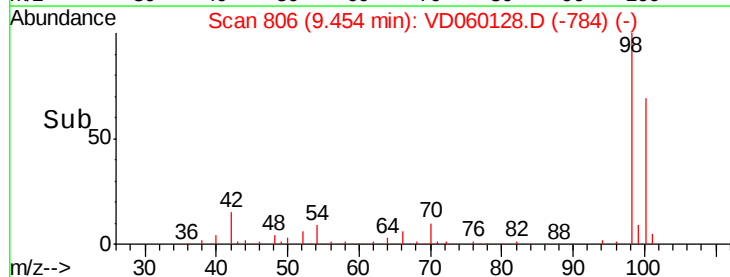
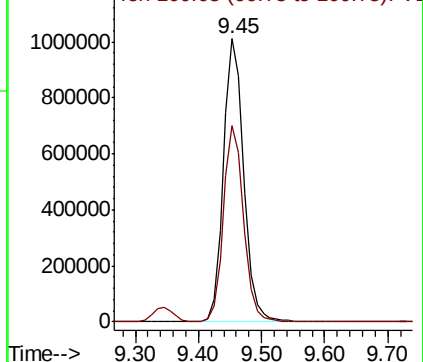
Ion Ratio Lower Upper

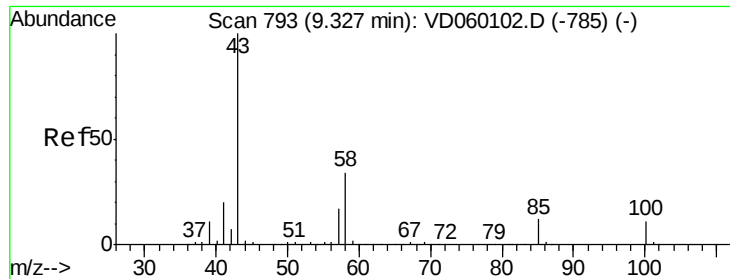
98 100

100 69.2 55.4 83.0



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





#51

4-Methyl-2-Pentanone

Concen: 101.469 ug/l

RT: 9.35 min Scan# 795

Delta R.T. 0.02 min

Lab File: VD060128.D

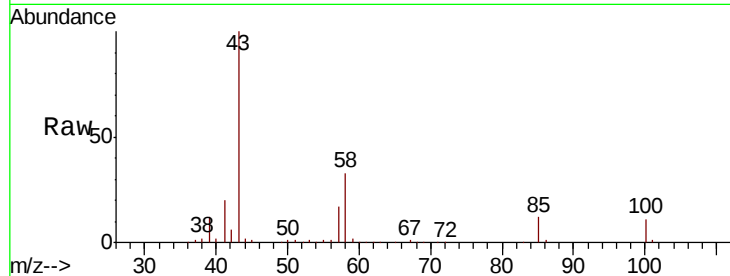
Acq: 4 Oct 2018 13:03

Tot Ion: 43 Resp: 1151835

Ion Ratio Lower Upper

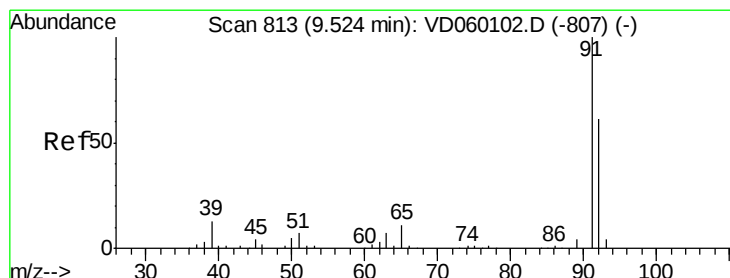
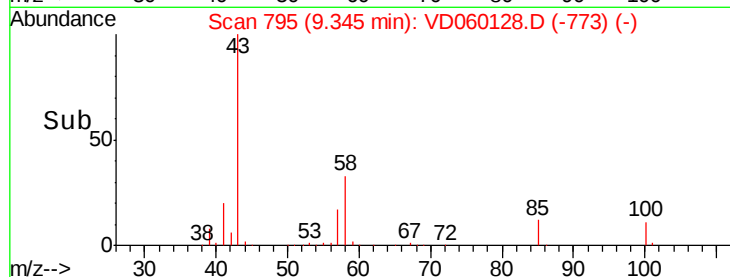
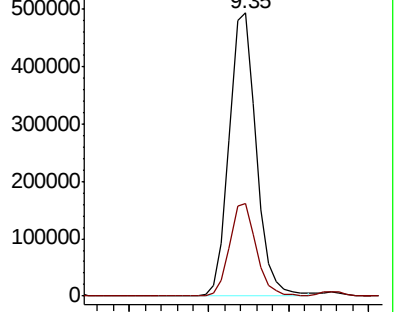
43 100

58 32.9 27.2 40.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 20.448 ug/l

RT: 9.55 min Scan# 816

Delta R.T. 0.03 min

Lab File: VD060128.D

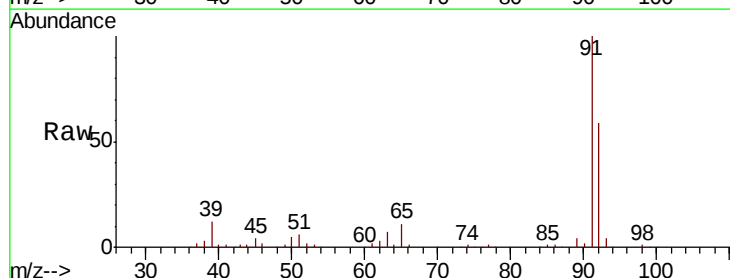
Acq: 4 Oct 2018 13:03

Tgt Ion: 92 Resp: 710054

Ion Ratio Lower Upper

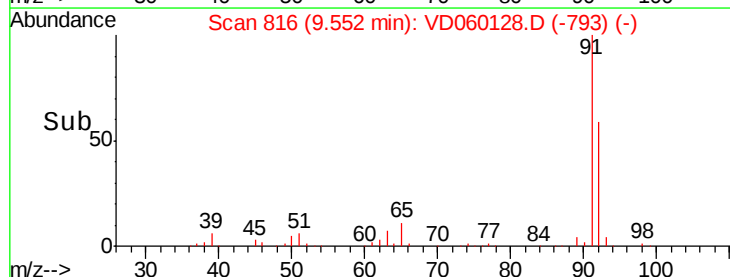
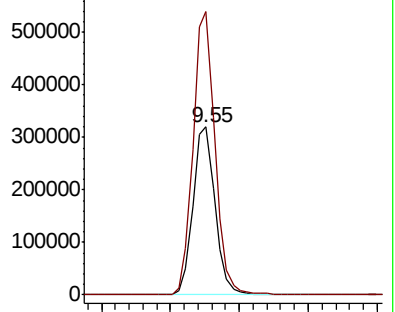
92 100

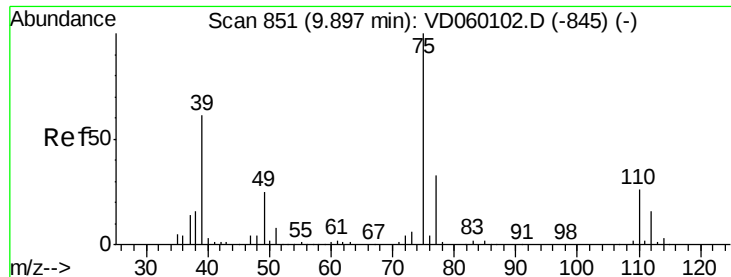
91 168.8 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.585 ug/l

RT: 9.92 min Scan# 853

Delta R.T. 0.02 min

Lab File: VD060128.D

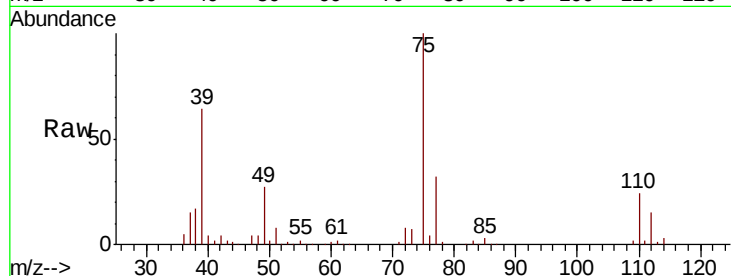
Acq: 4 Oct 2018 13:03

Tot Ion: 75 Resp: 362759

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

9.92

200000

150000

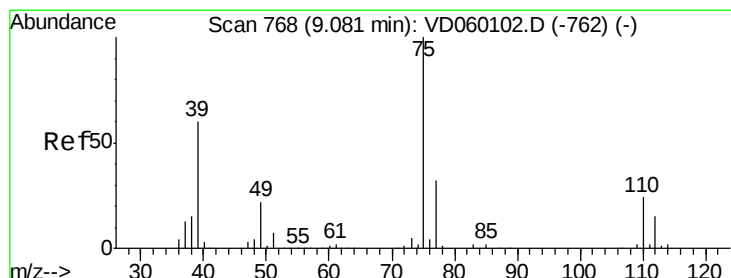
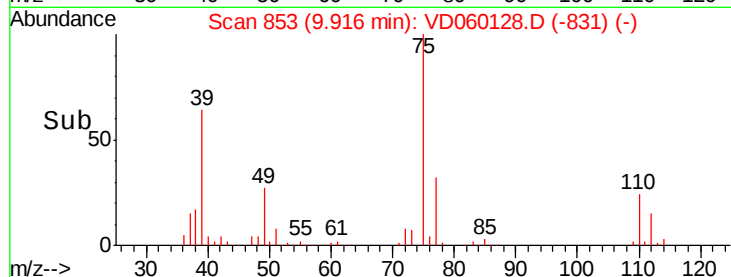
100000

50000

0

Time-->

9.80 9.90 10.00 10.10



#54

cis-1,3-Dichloropropene

Concen: 20.264 ug/l

RT: 9.10 min Scan# 770

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

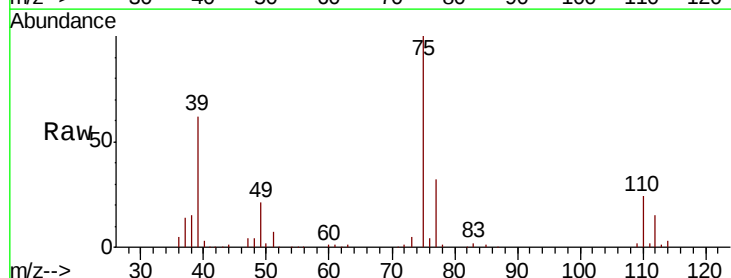
Tgt Ion: 75 Resp: 440970

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 62.1 48.2 72.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

250000

200000

150000

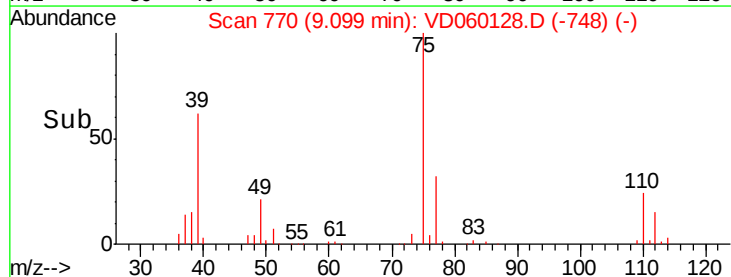
100000

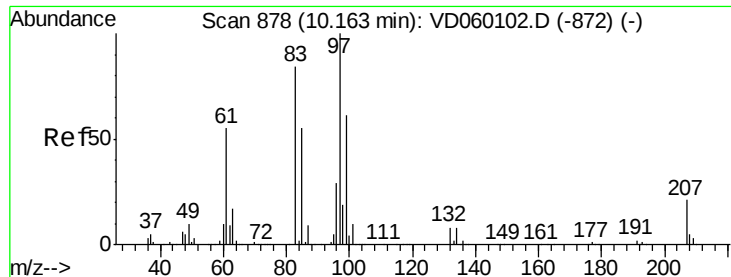
50000

0

Time-->

9.00 9.10 9.20





#55

1,1,2-Trichloroethane

Concen: 20.752 ug/l

RT: 10.18 min Scan# 880

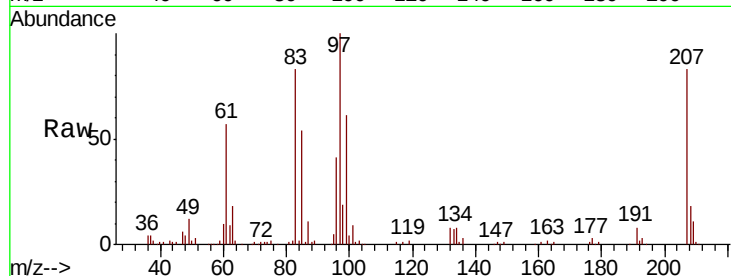
Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

Tot Ion: 97 Resp: 235582

Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.0	100.6
85	54.1	43.9	65.9
99	61.4	49.1	73.7

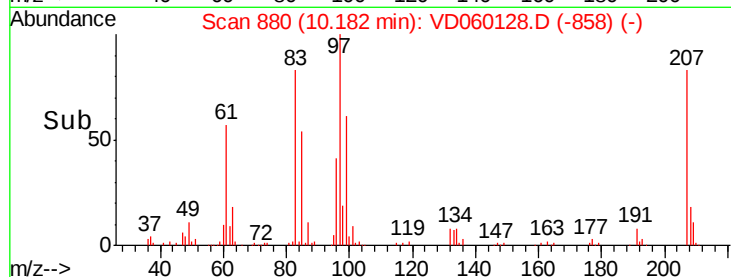


Abundance Ion 96.85 (96.55 to 97.55): VDC

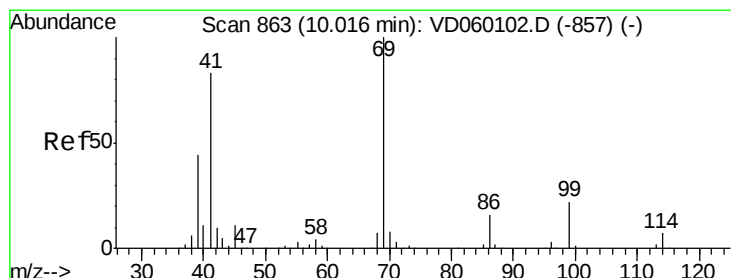
Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



Time-->



#56

Ethyl methacrylate

Concen: 20.374 ug/l

RT: 10.03 min Scan# 865

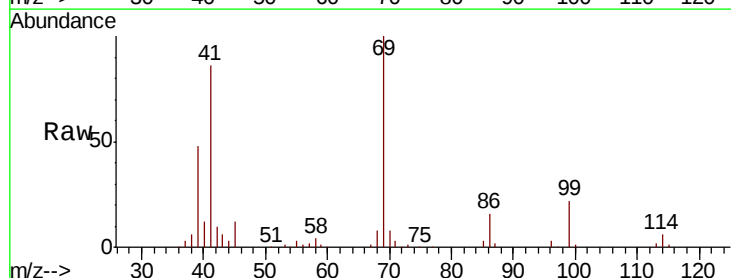
Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

Tgt Ion: 69 Resp: 255308

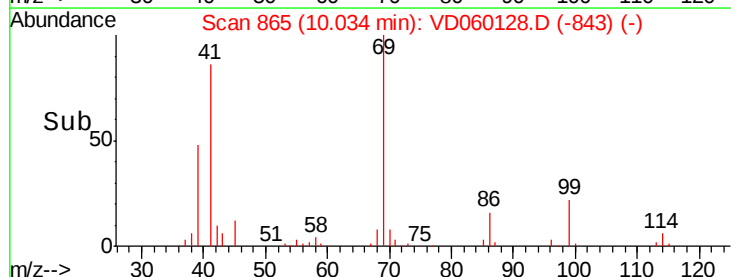
Ion	Ratio	Lower	Upper
69	100		
41	85.5	66.6	100.0
39	47.6	36.0	54.0



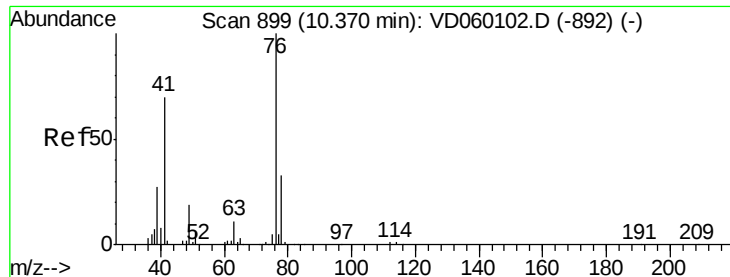
Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC



Time-->



#57

1,3-Dichloropropane

Concen: 20.596 ug/l

RT: 10.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD060128.D

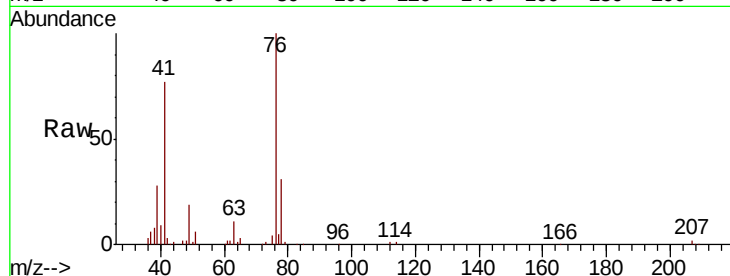
Acq: 4 Oct 2018 13:03

Tot Ion: 76 Resp: 356587

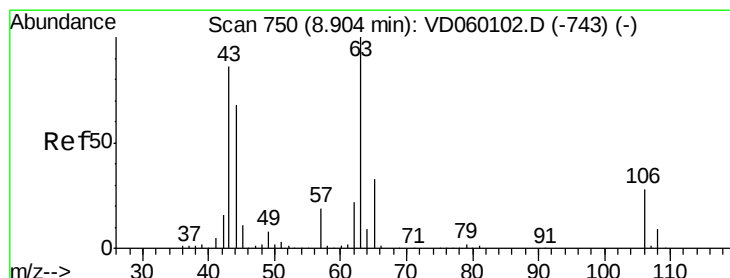
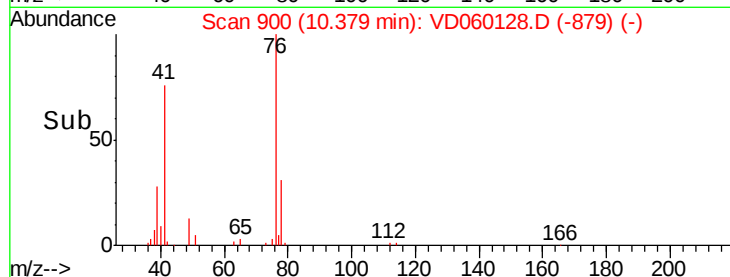
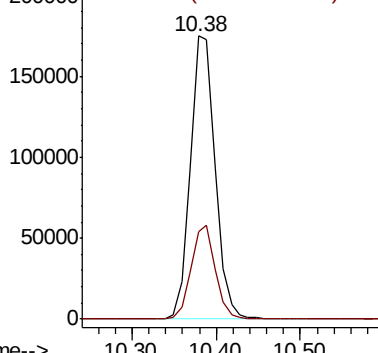
Ion Ratio Lower Upper

76 100

78 30.9 26.2 39.2



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



#58

2-Chloroethyl Vinyl ether

Concen: 104.552 ug/l

RT: 8.92 min Scan# 752

Delta R.T. 0.02 min

Lab File: VD060128.D

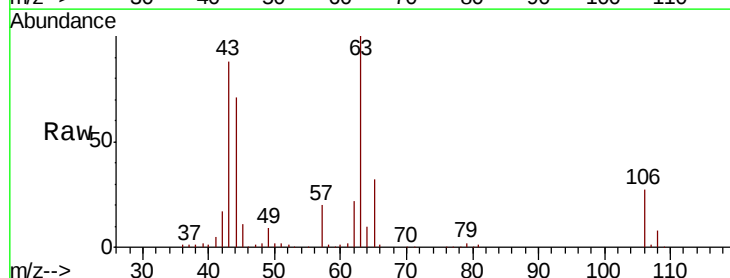
Acq: 4 Oct 2018 13:03

Tgt Ion: 63 Resp: 727546

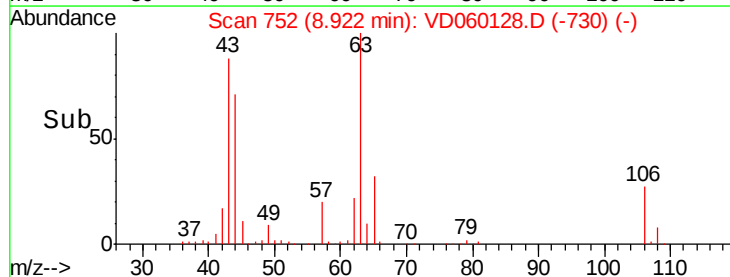
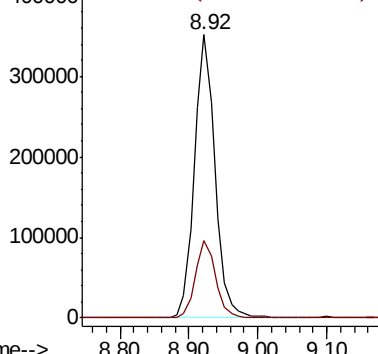
Ion Ratio Lower Upper

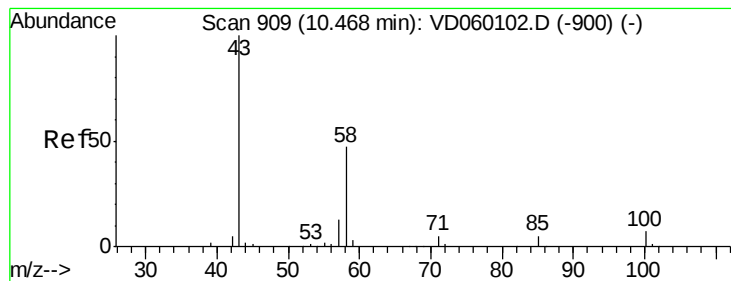
63 100

106 27.4 22.6 34.0



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





#59

2-Hexanone

Concen: 104.605 ug/l

RT: 10.49 min Scan# 911

Delta R.T. 0.02 min

Lab File: VD060128.D

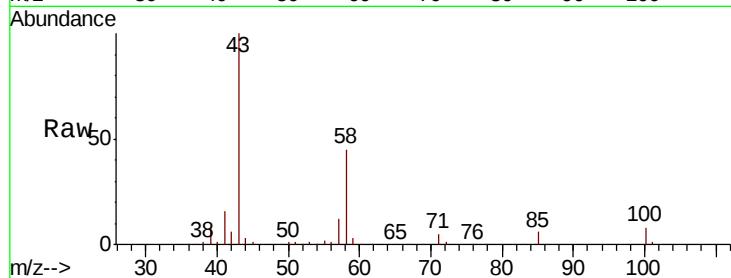
Acq: 4 Oct 2018 13:03

Tot Ion: 43 Resp: 853863

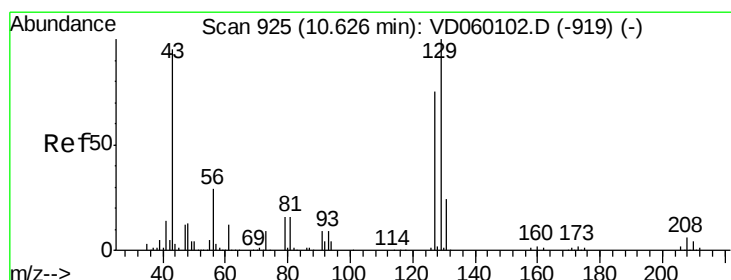
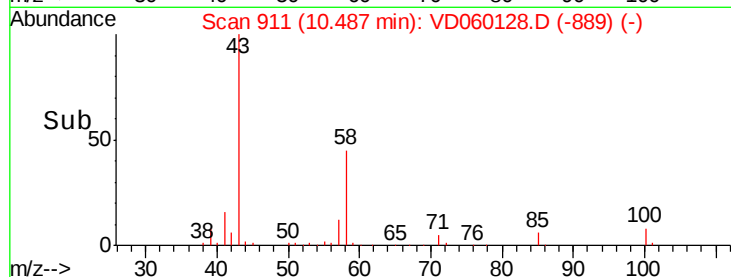
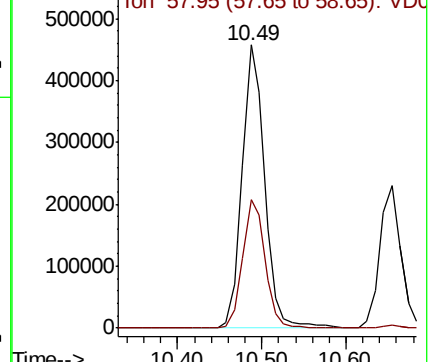
Ion Ratio Lower Upper

43 100

58 45.4 23.3 69.9



Abundance Ion 42.95 (42.65 to 43.65): VDC



#60

Dibromochloromethane

Concen: 20.117 ug/l

RT: 10.64 min Scan# 927

Delta R.T. 0.02 min

Lab File: VD060128.D

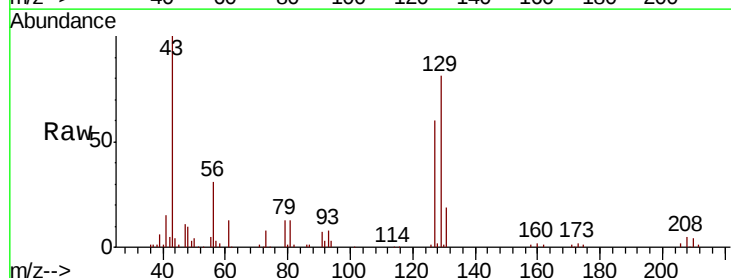
Acq: 4 Oct 2018 13:03

Tgt Ion: 129 Resp: 280202

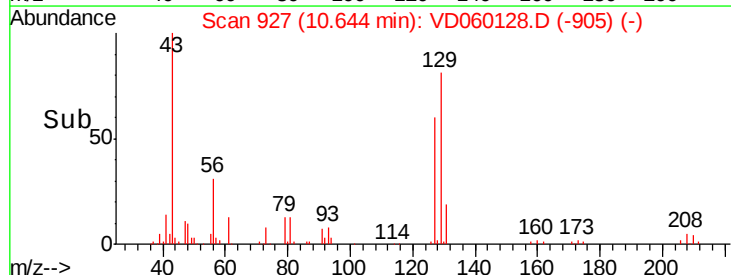
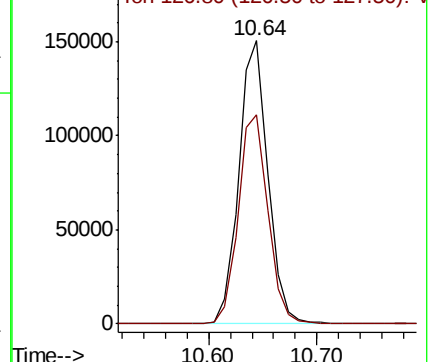
Ion Ratio Lower Upper

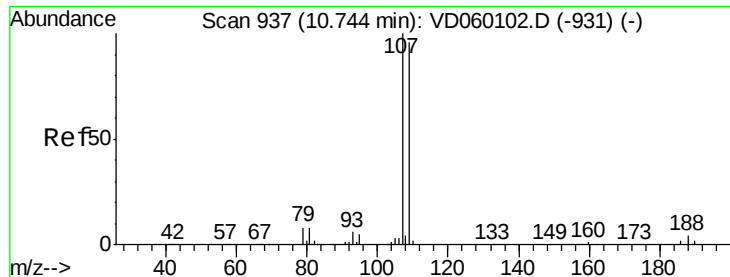
129 100

127 74.0 37.4 112.2



Abundance Ion 128.80 (128.50 to 129.50): V





#61

1,2-Dibromoethane

Concen: 19.985 ug/l

RT: 10.76 min Scan# 939

Delta R.T. 0.02 min

Lab File: VD060128.D

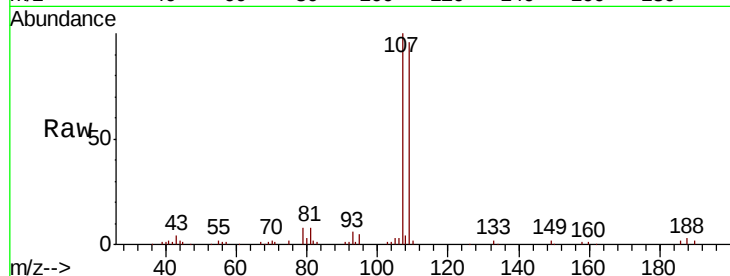
Acq: 4 Oct 2018 13:03

Tot Ion: 107 Resp: 241063

Ion Ratio Lower Upper

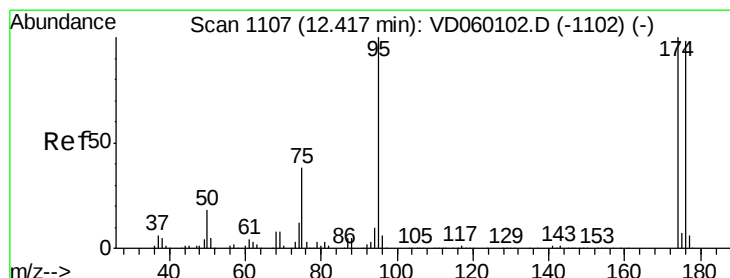
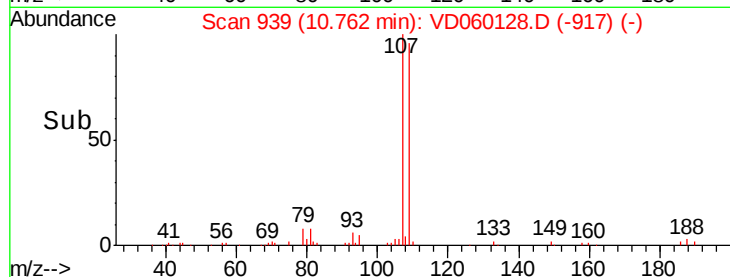
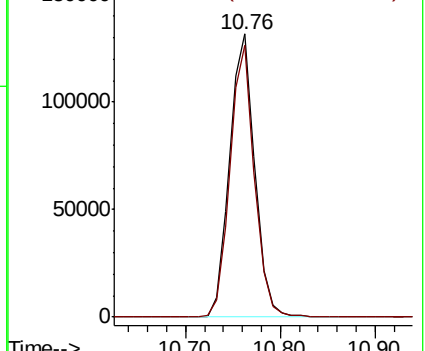
107 100

109 96.2 77.1 115.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 19.985 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

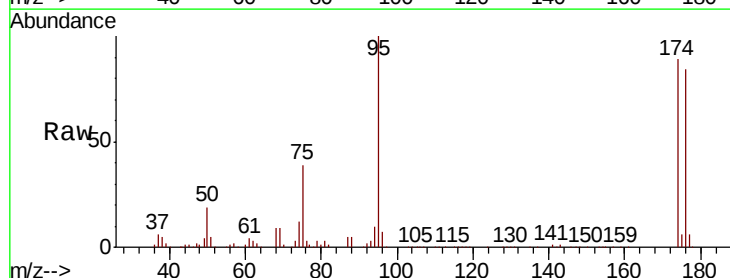
Tgt Ion: 95 Resp: 860284

Ion Ratio Lower Upper

95 100

174 88.8 0.0 200.2

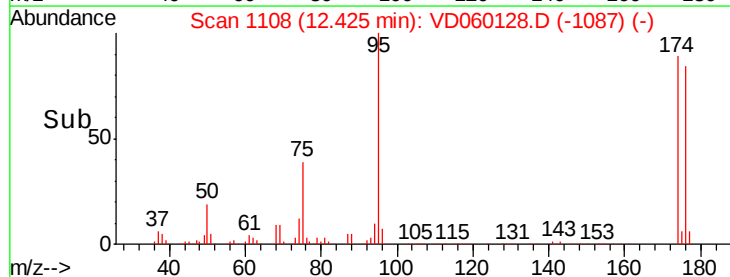
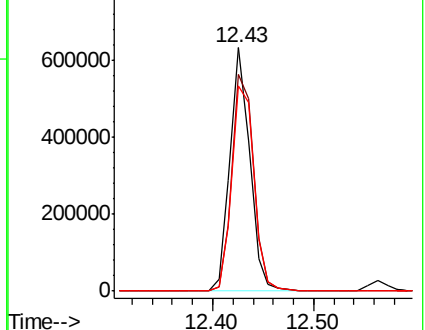
176 84.3 0.0 195.6

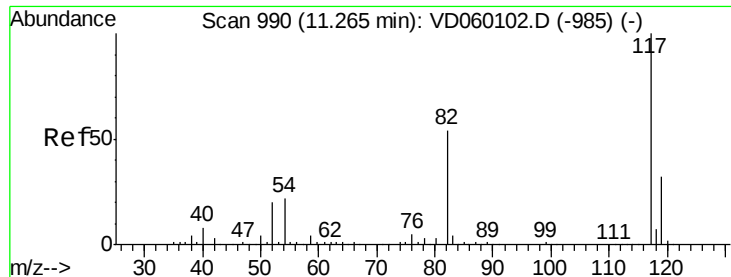


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

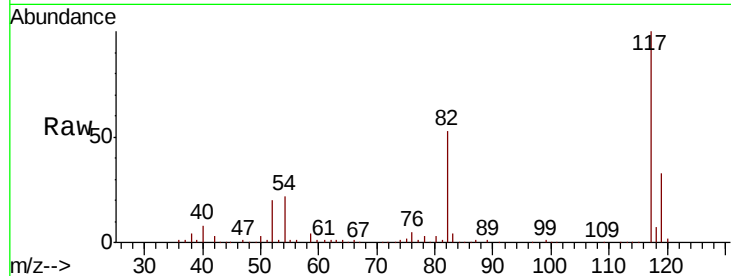
Ion 175.90 (175.60 to 176.60): V



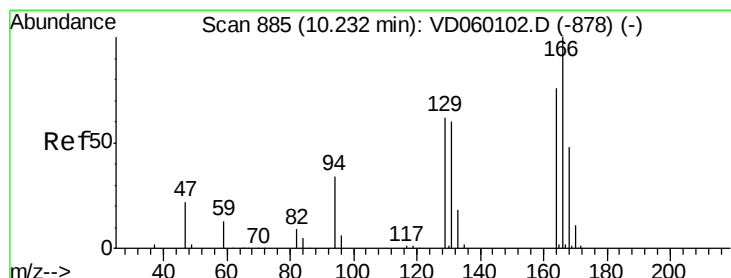
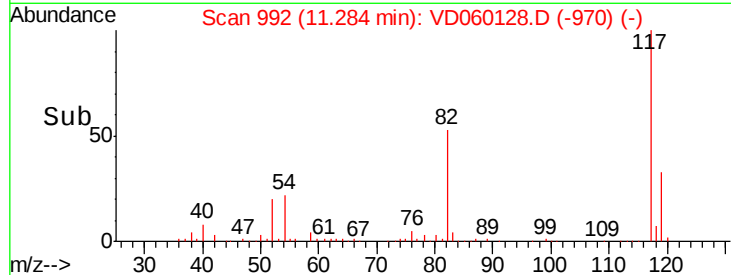
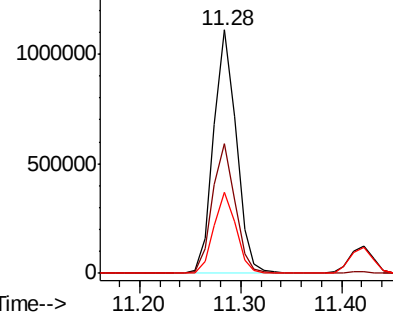


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tot Ion:117 Resp: 1740869
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.2
119 33.0 26.0 39.0

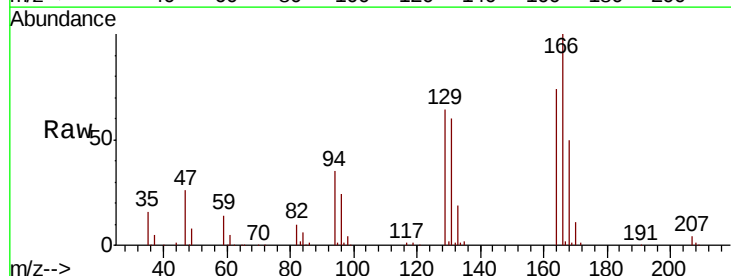


Abundance Ion 116.95 (116.65 to 117.65): V
1500000 Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

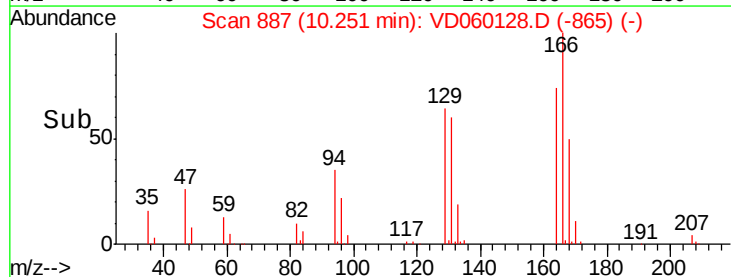
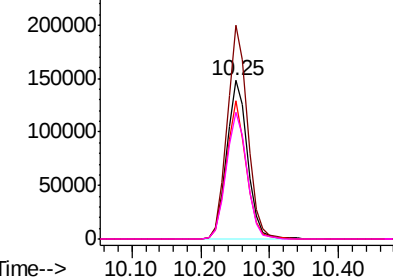


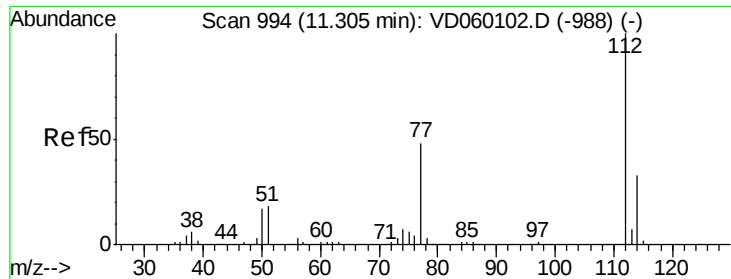
#64
Tetrachloroethene
Concen: 20.324 ug/l
RT: 10.25 min Scan# 887
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tgt Ion:164 Resp: 309892
Ion Ratio Lower Upper
164 100
166 134.7 105.4 158.0
129 86.8 65.7 98.5
131 80.2 62.9 94.3



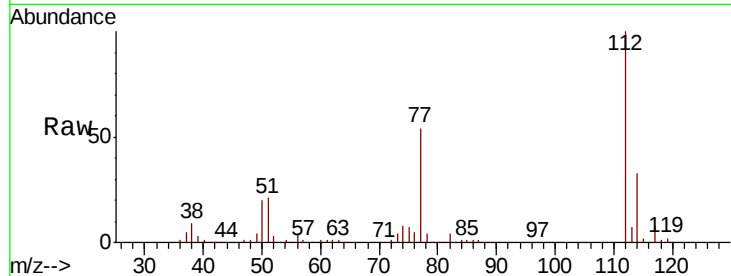
Abundance Ion 163.85 (163.55 to 164.55): V
300000 Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



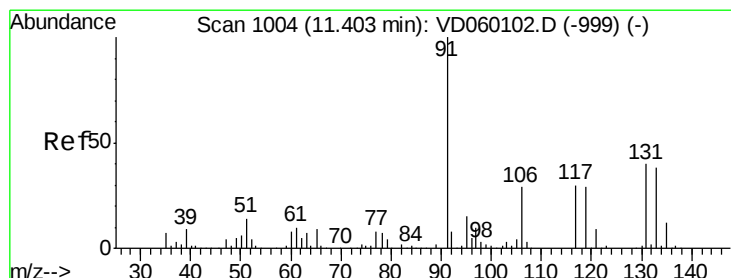
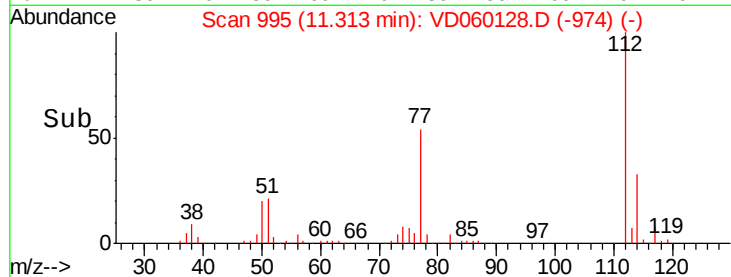
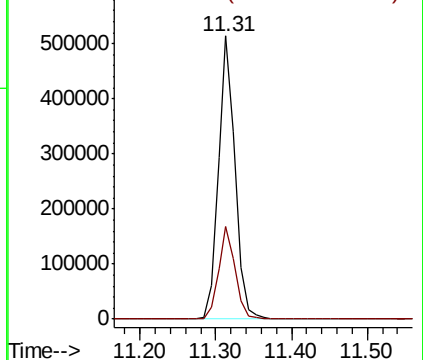


#65
Chlorobenzene
Concen: 21.063 ug/l
RT: 11.31 min Scan# 995
Delta R.T. 0.01 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tot Ion:112 Resp: 793265
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0

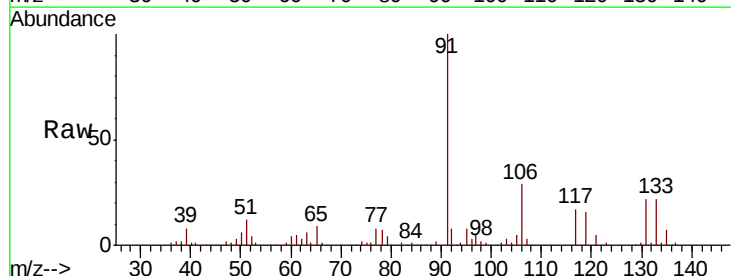


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

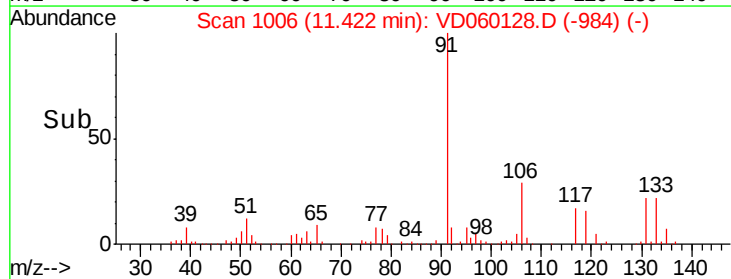
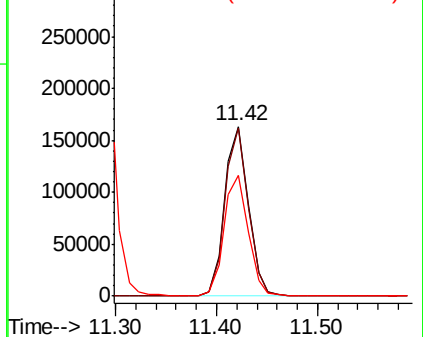


#66
1,1,1,2-Tetrachloroethane
Concen: 21.316 ug/l
RT: 11.42 min Scan# 1006
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tgt Ion:131 Resp: 267811
Ion Ratio Lower Upper
131 100
133 98.5 47.4 142.3
119 71.3 36.1 108.3



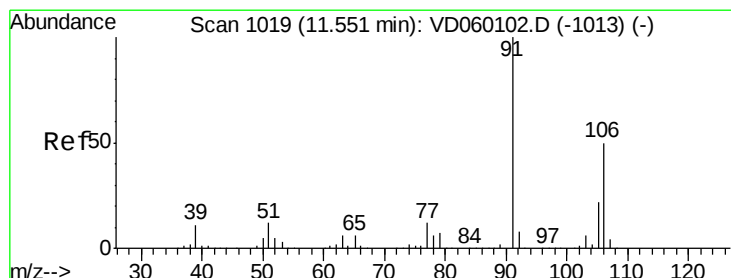
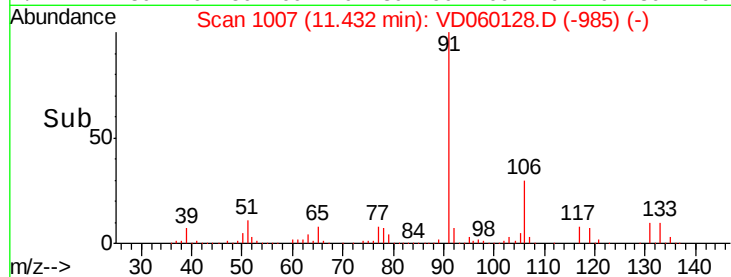
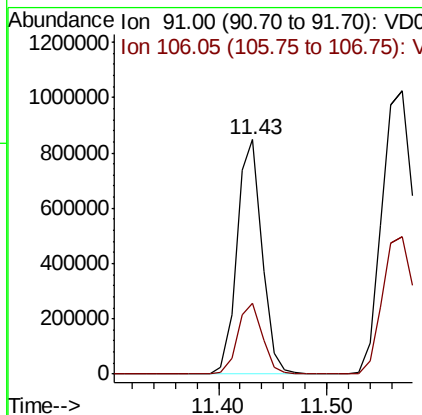
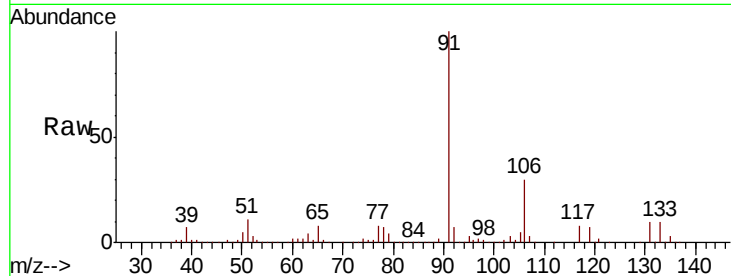
Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V





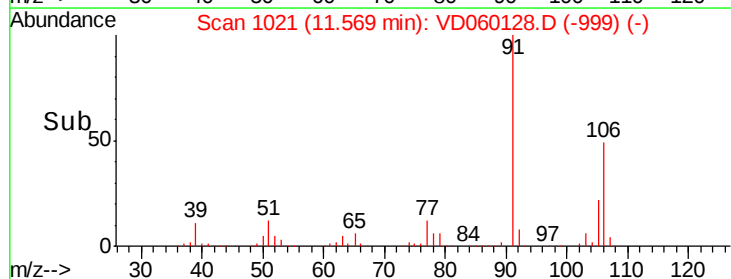
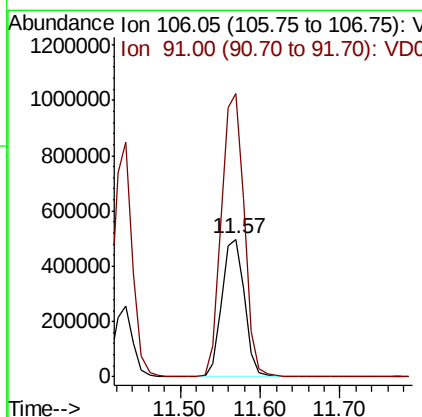
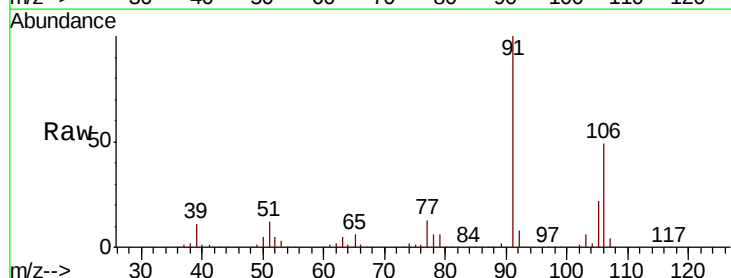
#67
Ethyl Benzene
Concen: 22.264 ug/l
RT: 11.43 min Scan# 1007
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

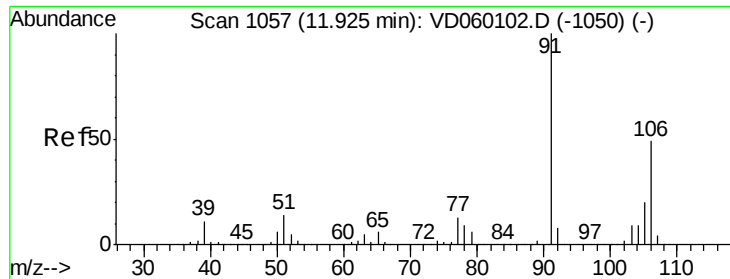
Tot Ion: 91 Resp: 1358517
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#68
m/p-Xylenes
Concen: 43.952 ug/l
RT: 11.57 min Scan# 1021
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

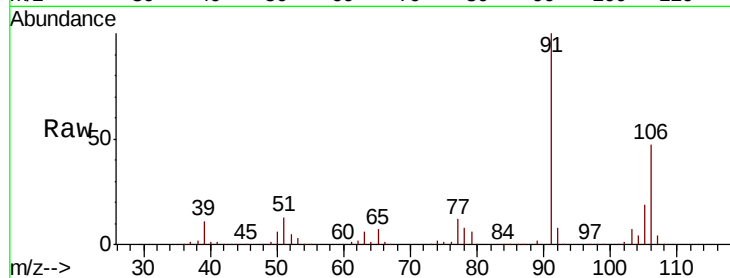
Tgt Ion: 106 Resp: 1002044
Ion Ratio Lower Upper
106 100
91 205.0 160.0 240.0



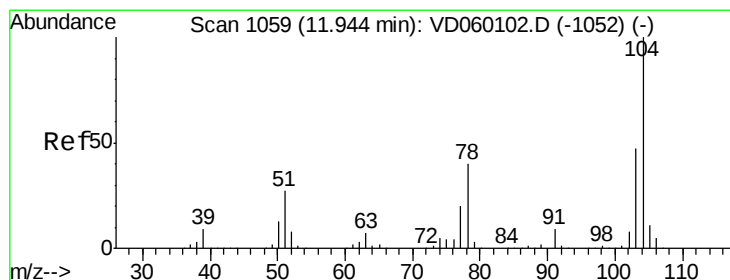
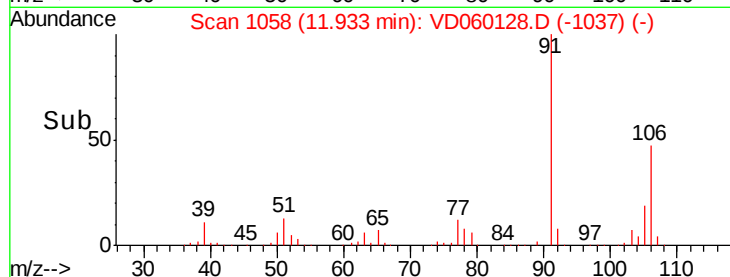
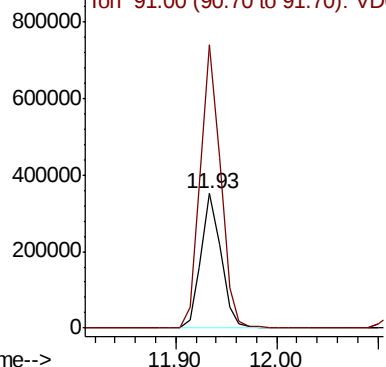


#69
o-Xylene
Concen: 21.500 ug/l
RT: 11.93 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tot Ion:106 Resp: 484834
Ion Ratio Lower Upper
106 100
91 210.7 102.5 307.5

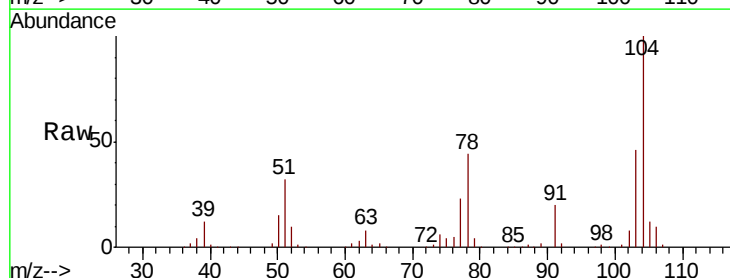


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

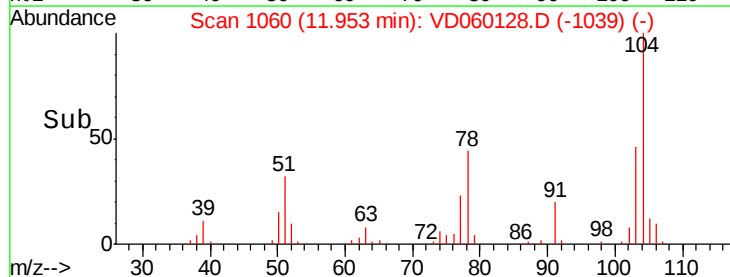
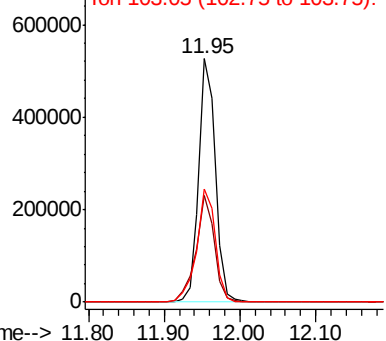


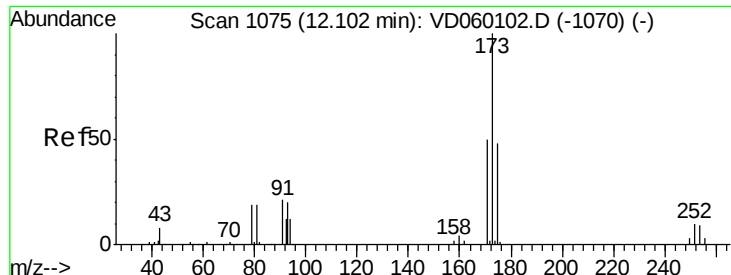
#70
Styrene
Concen: 21.178 ug/l
RT: 11.95 min Scan# 1060
Delta R.T. 0.01 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tgt Ion:104 Resp: 798666
Ion Ratio Lower Upper
104 100
78 44.0 32.2 48.4
103 46.3 37.4 56.0



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





#71

Bromoform

Concen: 19.657 ug/l

RT: 12.12 min Scan# 1077

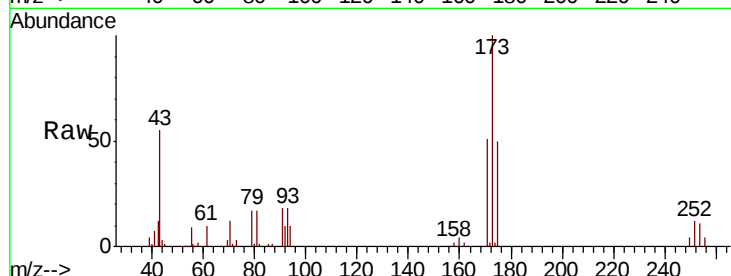
Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

Tot Ion:173 Resp: 199979

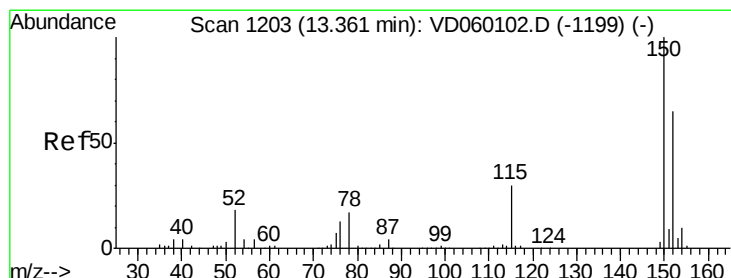
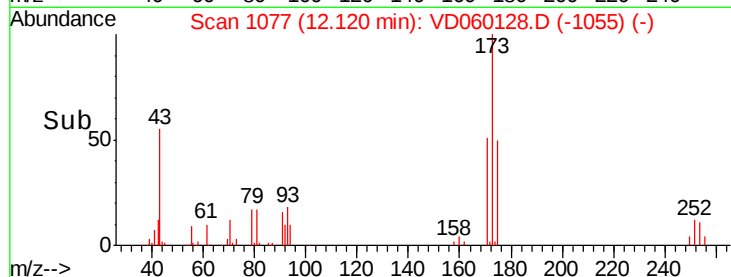
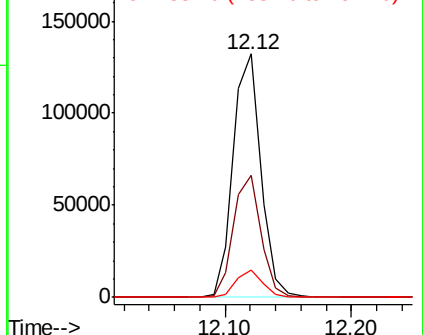
Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.1	72.4
254	11.3	7.4	11.0#



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1204

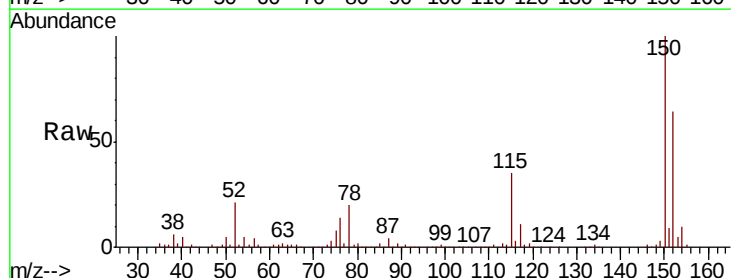
Delta R.T. 0.01 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

Tgt Ion:152 Resp: 923207

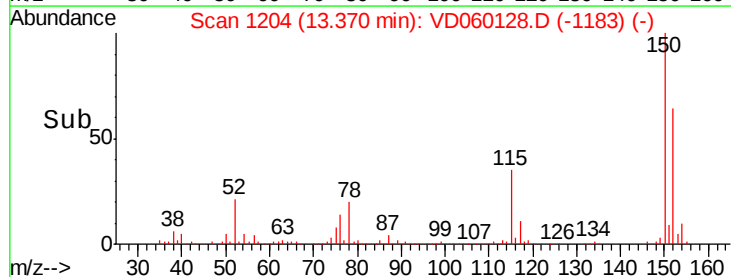
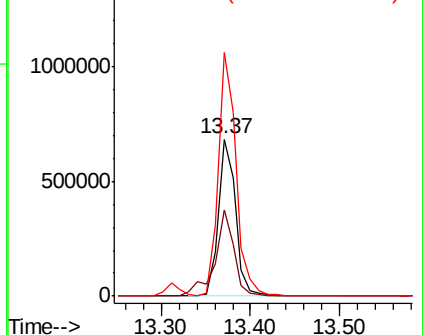
Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.1	81.2
150	155.1	0.0	311.8

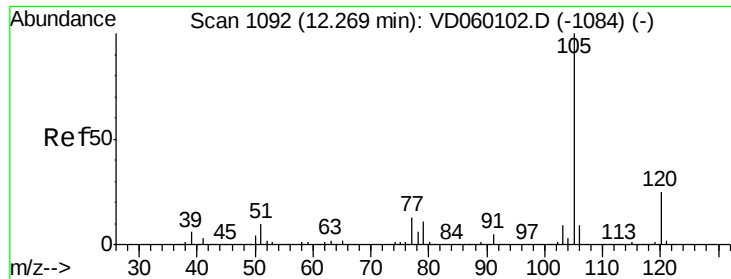


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.752 ug/l

RT: 12.28 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VD060128.D

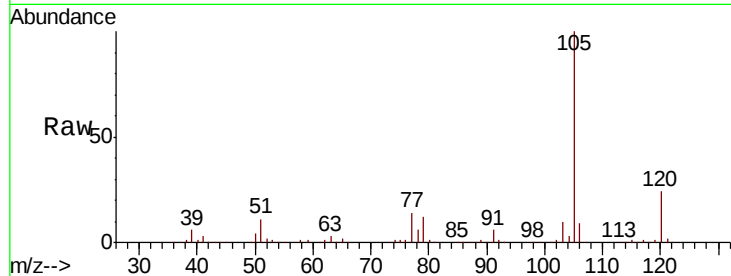
Acq: 4 Oct 2018 13:03

Tot Ion: 105 Resp: 1263943

Ion Ratio Lower Upper

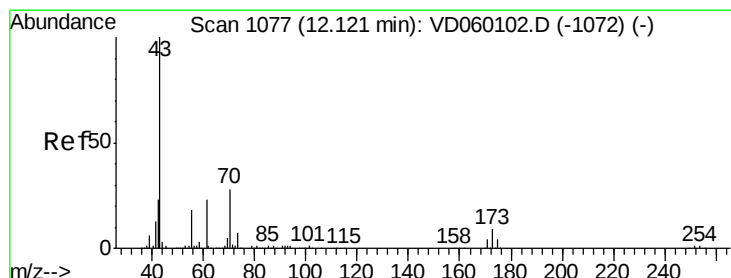
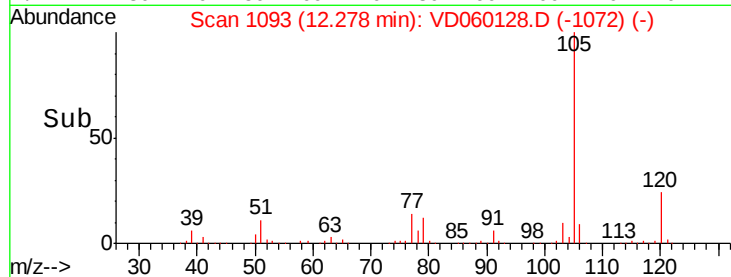
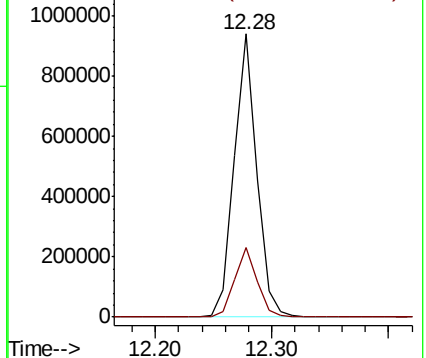
105 100

120 24.4 12.6 37.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 20.520 ug/l

RT: 12.13 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

Tgt Ion: 43 Resp: 457790

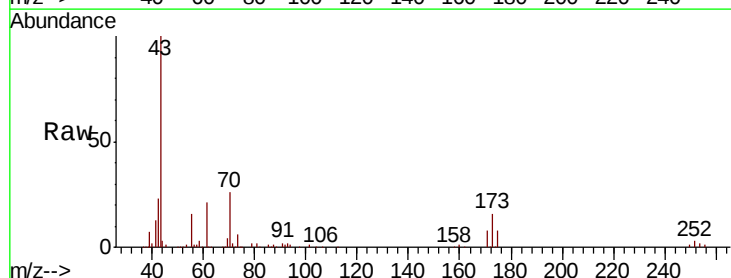
Ion Ratio Lower Upper

43 100

70 25.9 22.1 33.1

55 16.0 14.1 21.1

61 21.1 18.4 27.6

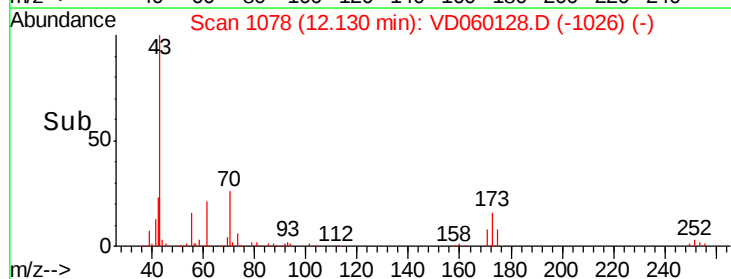
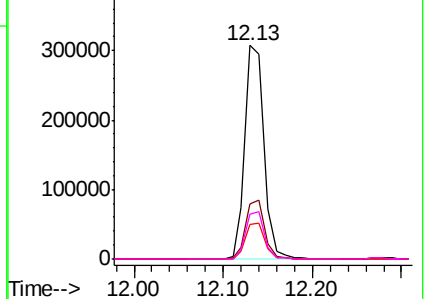


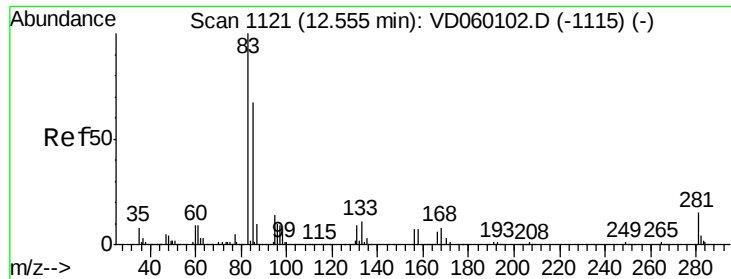
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 20.377 ug/l

RT: 12.56 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

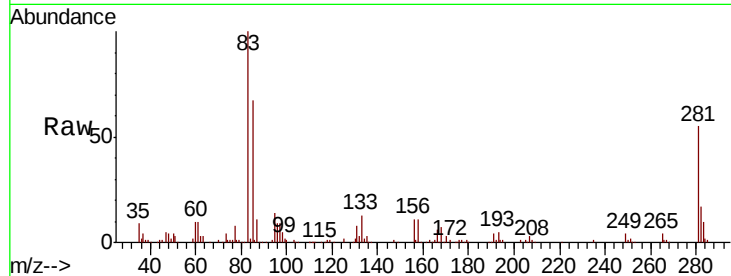
Tot Ion: 83 Resp: 270944

Ion Ratio Lower Upper

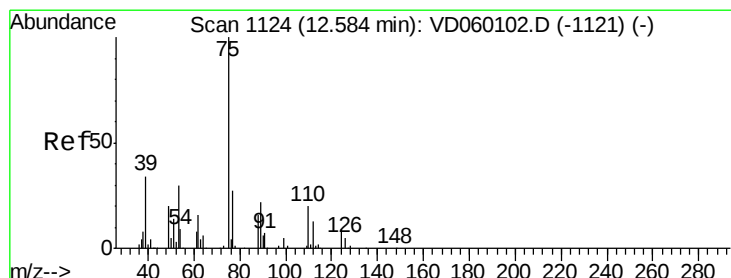
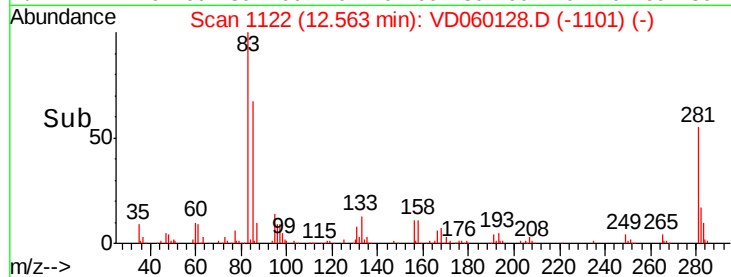
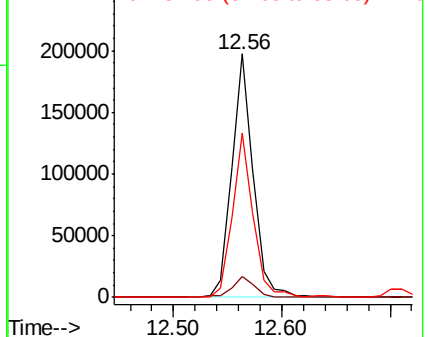
83 100

131 8.4 4.5 13.4

85 67.3 33.3 99.9



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



#76

1,2,3-Trichloropropane

Concen: 19.953 ug/l

RT: 12.59 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VD060128.D

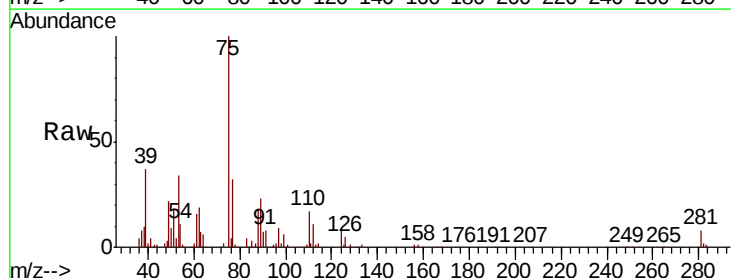
Acq: 4 Oct 2018 13:03

Tgt Ion: 75 Resp: 265285

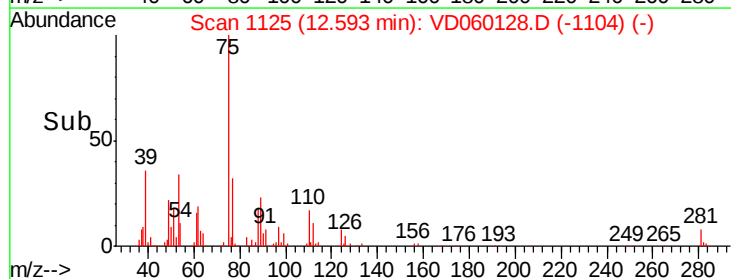
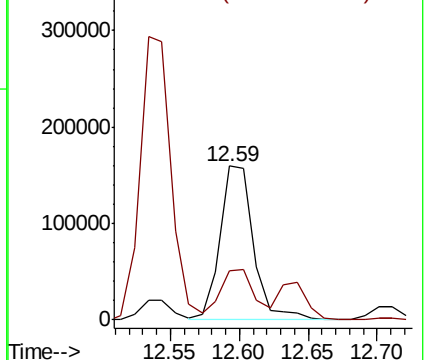
Ion Ratio Lower Upper

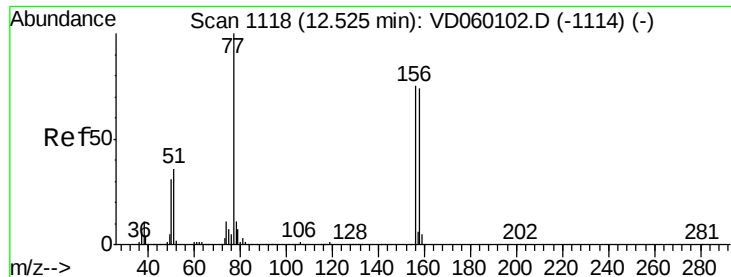
75 100

77 32.2 16.3 48.9



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





#77

Bromobenzene

Concen: 20.792 ug/l

RT: 12.54 min Scan# 1120

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

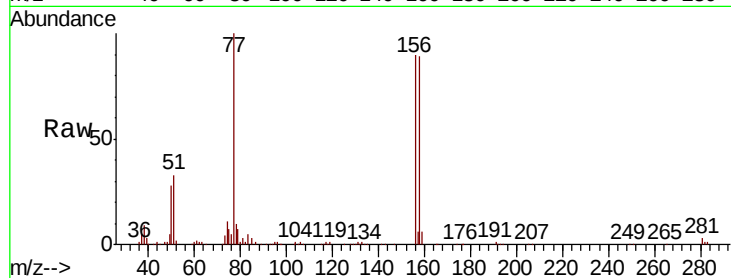
Tot Ion:156 Resp: 367985

Ion Ratio Lower Upper

156 100

77 111.2 66.9 200.7

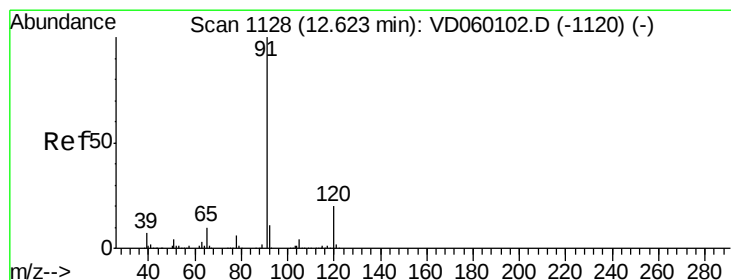
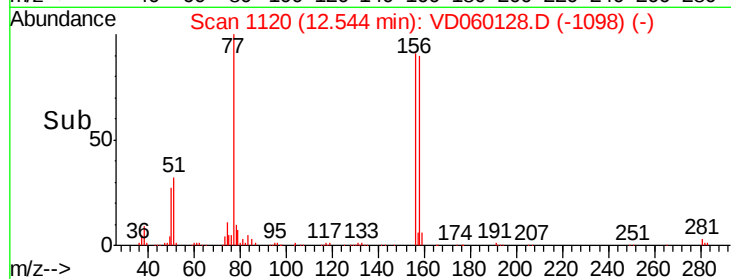
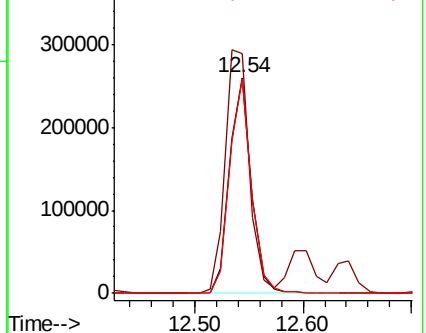
158 99.1 49.1 147.4



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 21.760 ug/l

RT: 12.64 min Scan# 1130

Delta R.T. 0.02 min

Lab File: VD060128.D

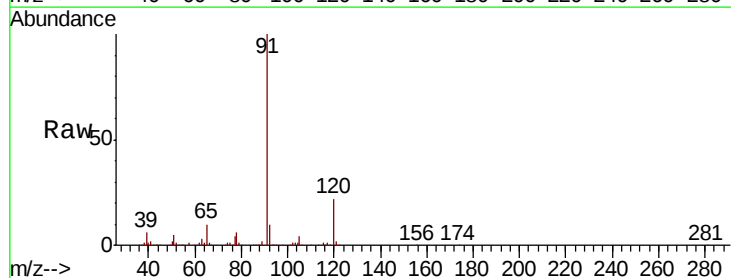
Acq: 4 Oct 2018 13:03

Tgt Ion: 91 Resp: 1645602

Ion Ratio Lower Upper

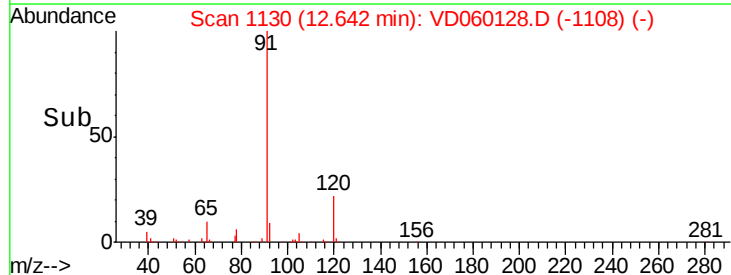
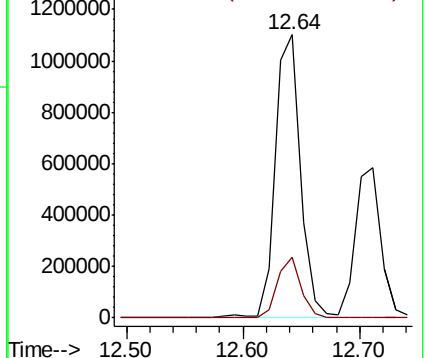
91 100

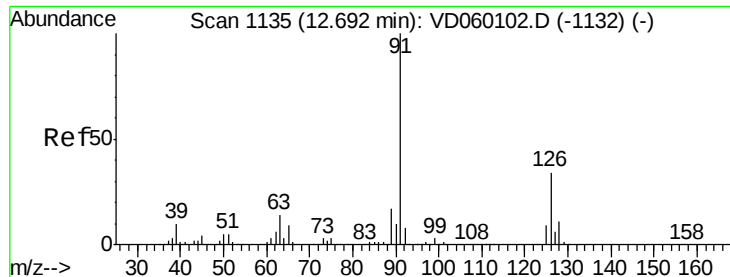
120 21.6 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 20.747 ug/l

RT: 12.71 min Scan# 1137

Delta R.T. 0.02 min

Lab File: VD060128.D

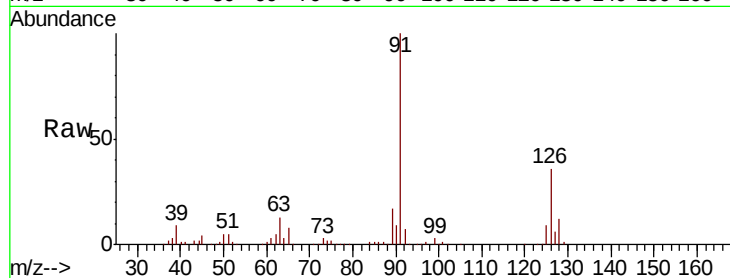
Acq: 4 Oct 2018 13:03

Tot Ion: 91 Resp: 870806

Ion Ratio Lower Upper

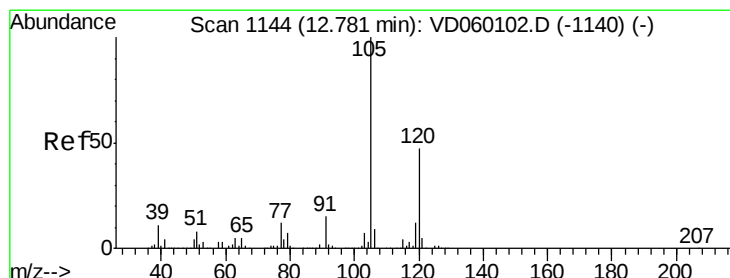
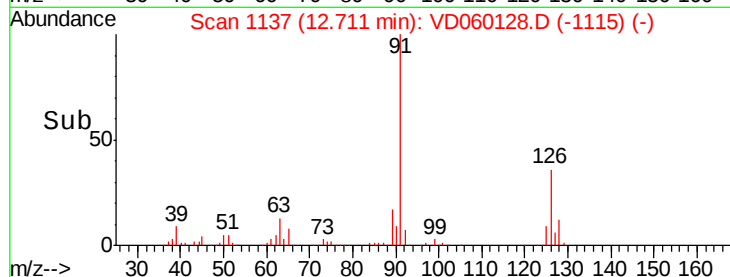
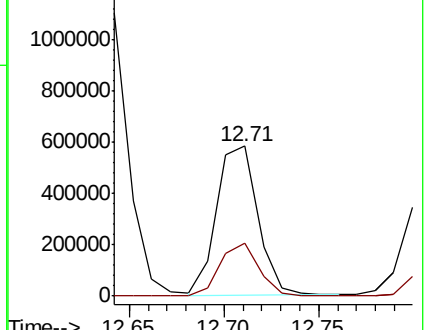
91 100

126 35.7 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VD060102.D (-1132) (-)

Ion 125.95 (125.65 to 126.65): VD060102.D (-1132) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.720 ug/l

RT: 12.79 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VD060128.D

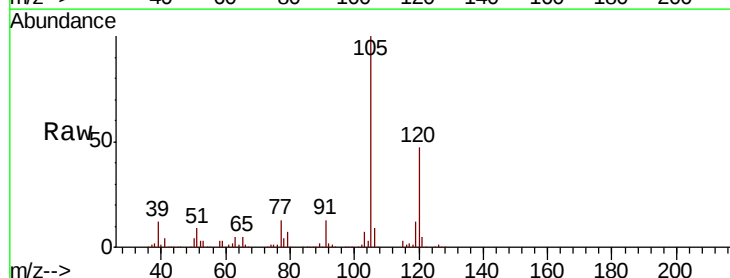
Acq: 4 Oct 2018 13:03

Tgt Ion: 105 Resp: 1023848

Ion Ratio Lower Upper

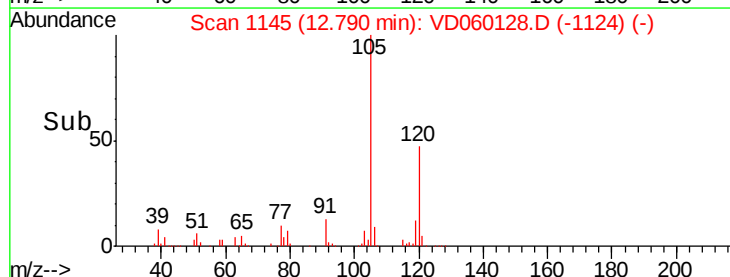
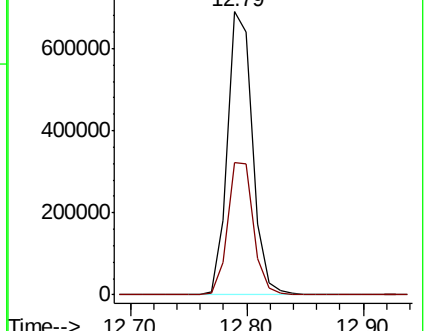
105 100

120 46.7 23.7 71.1



Abundance Ion 105.05 (104.75 to 105.75): VD060102.D (-1140) (-)

Ion 120.05 (119.75 to 120.75): VD060102.D (-1140) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.489 ug/l

RT: 12.35 min Scan# 1100

Delta R.T. 0.02 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

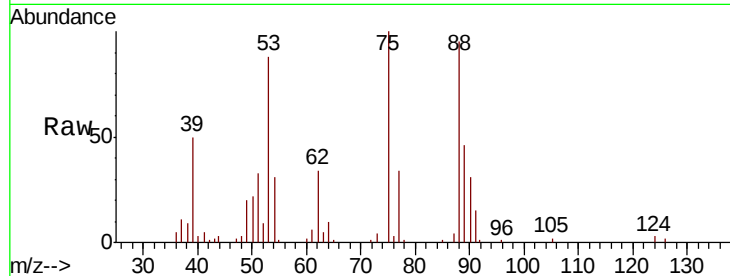
Tot Ion: 75 Resp: 72808

Ion Ratio Lower Upper

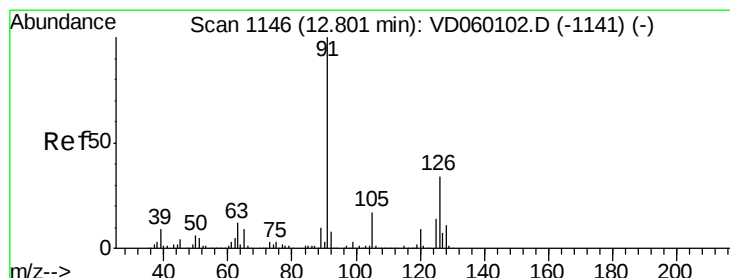
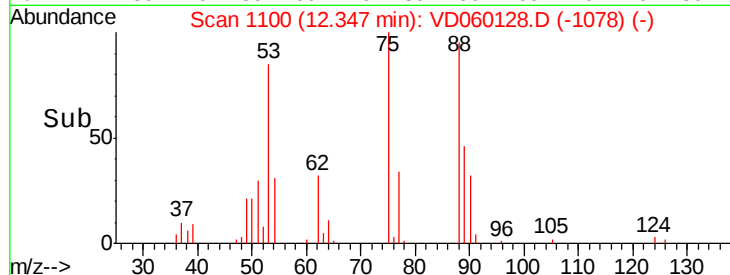
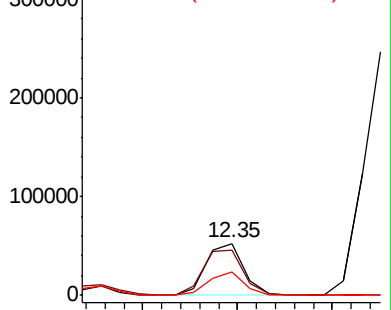
75 100

53 88.4 73.0 109.6

89 45.7 32.0 48.0



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 22.087 ug/l

RT: 12.81 min Scan# 1147

Delta R.T. 0.01 min

Lab File: VD060128.D

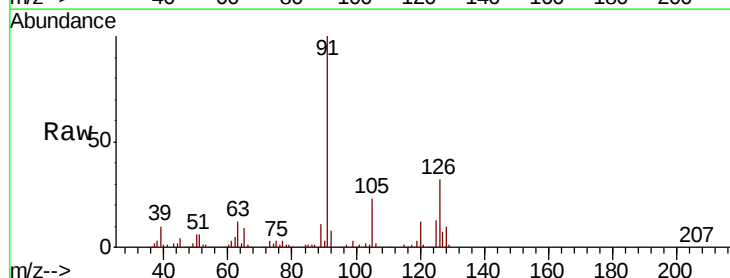
Acq: 4 Oct 2018 13:03

Tgt Ion: 91 Resp: 1048579

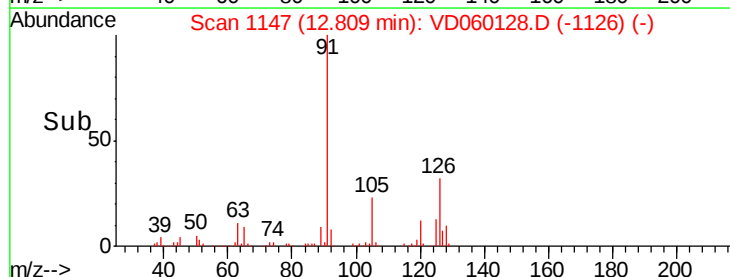
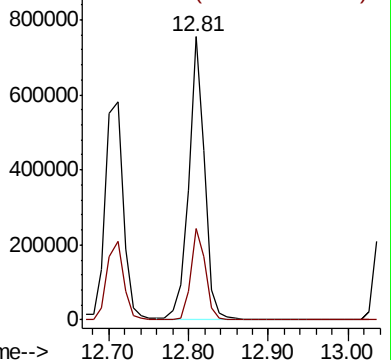
Ion Ratio Lower Upper

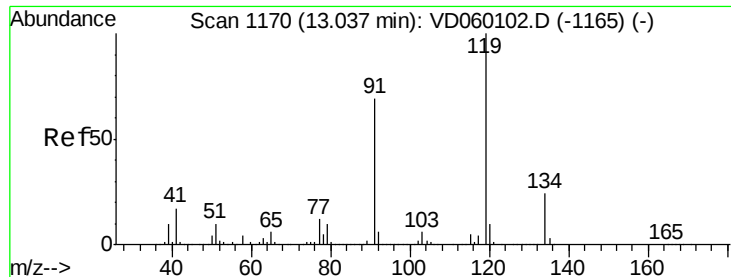
91 100

126 32.2 17.1 51.2



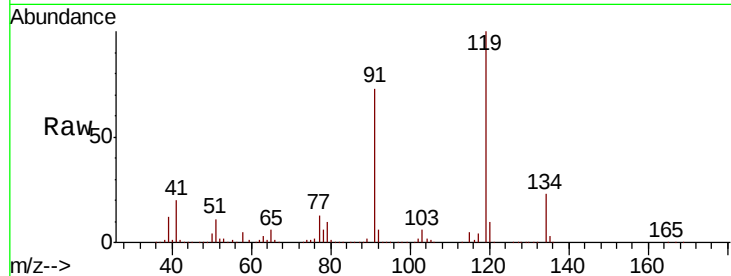
Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V



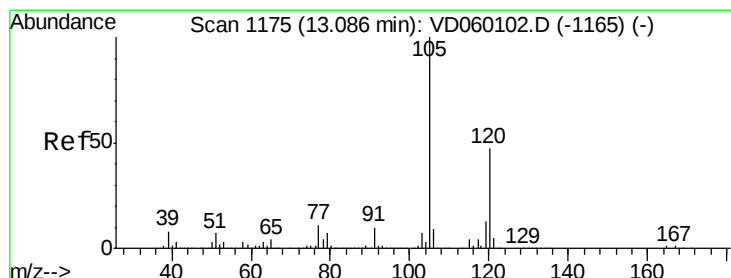
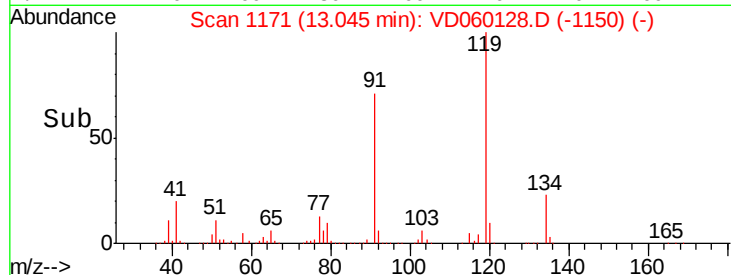
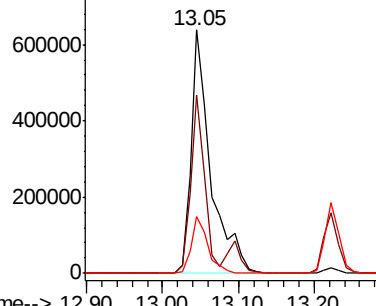


#83
tert-Butylbenzene
Concen: 21.563 ug/l
RT: 13.05 min Scan# 1171
Delta R.T. 0.01 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tot Ion:119 Resp: 1166388
Ion Ratio Lower Upper
119 100
91 73.3 34.8 104.4
134 23.2 11.8 35.4

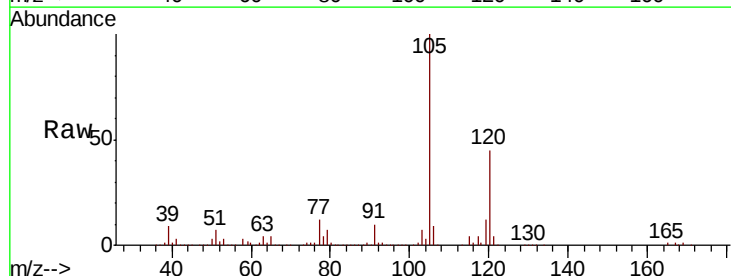


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): VD
Ion 134.00 (133.70 to 134.70): V

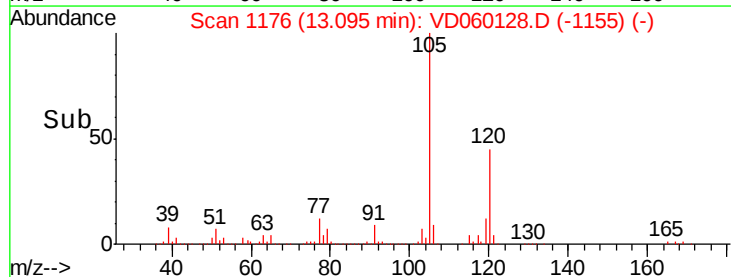
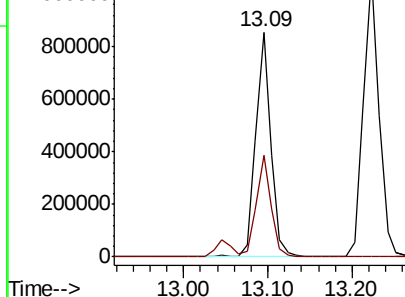


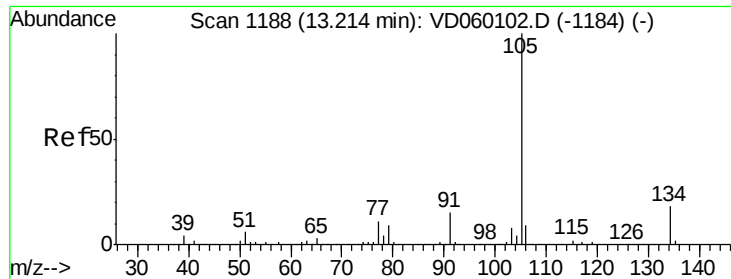
#84
1,2,4-Trimethylbenzene
Concen: 21.820 ug/l
RT: 13.09 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tgt Ion:105 Resp: 1084012
Ion Ratio Lower Upper
105 100
120 45.2 23.4 70.0



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





#85

sec-Butylbenzene

Concen: 21.582 ug/l

RT: 13.22 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD060128.D

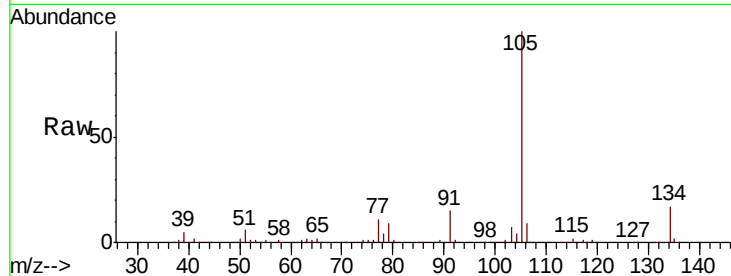
Acq: 4 Oct 2018 13:03

Tot Ion:105 Resp: 1380366

Ion Ratio Lower Upper

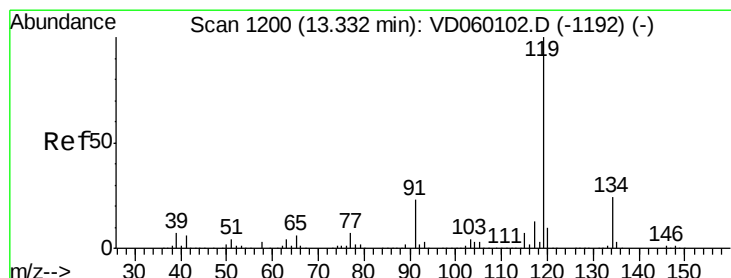
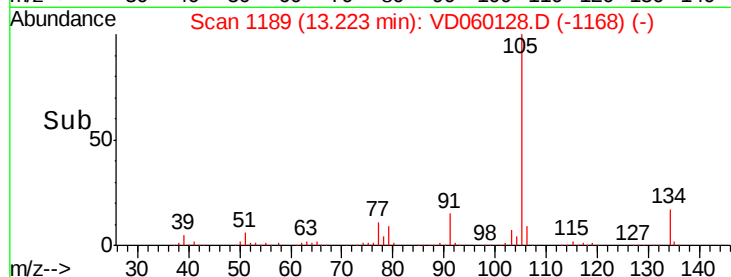
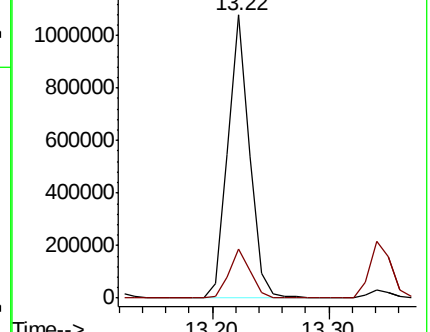
105 100

134 17.3 8.8 26.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 22.449 ug/l

RT: 13.34 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VD060128.D

Acq: 4 Oct 2018 13:03

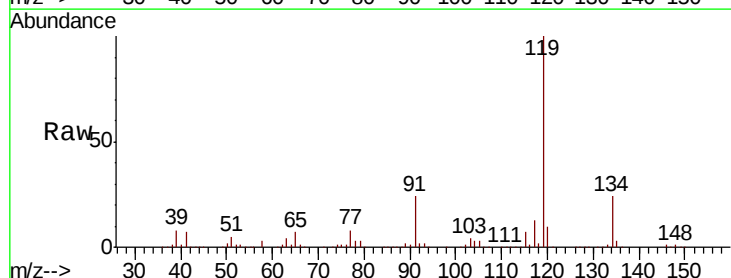
Tgt Ion:119 Resp: 1177637

Ion Ratio Lower Upper

119 100

134 23.9 12.3 36.8

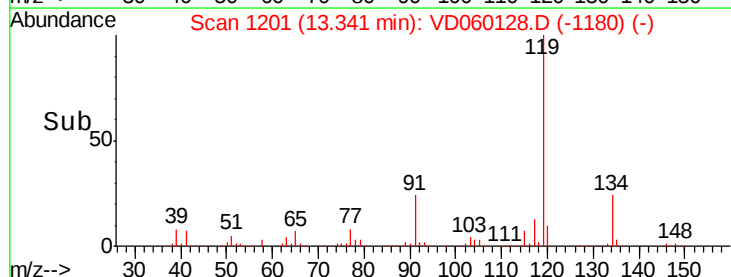
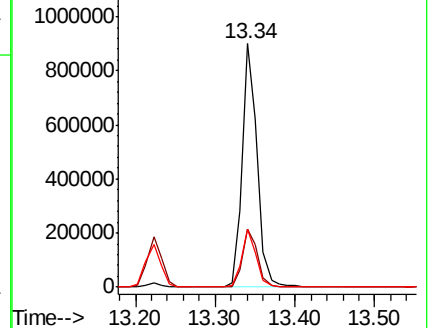
91 23.9 11.8 35.4



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

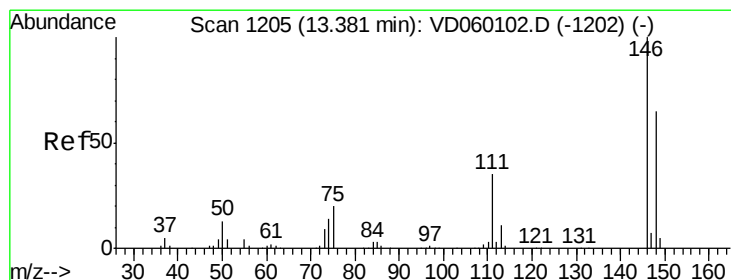
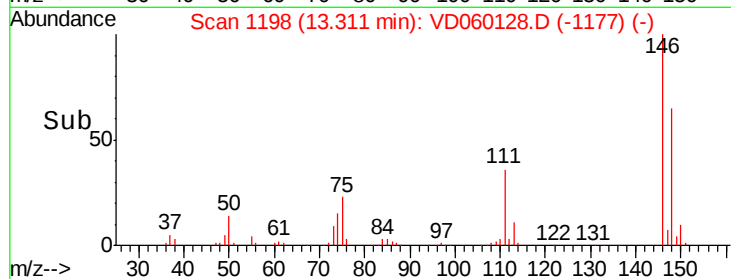
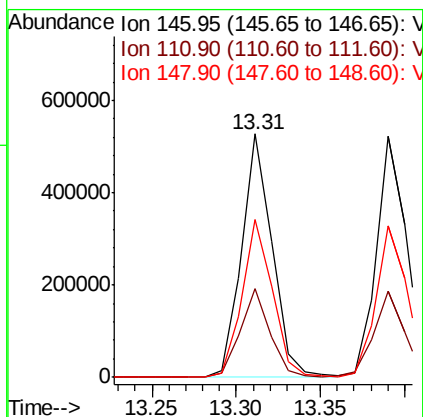
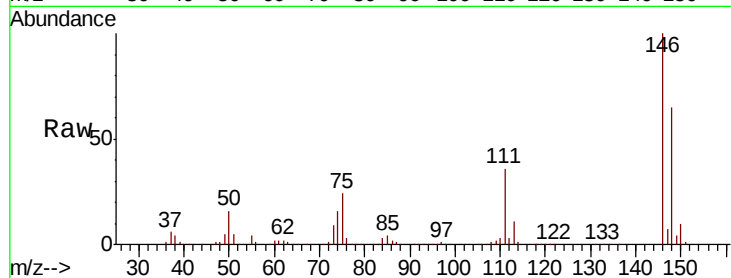
Ion 91.00 (90.70 to 91.70): V





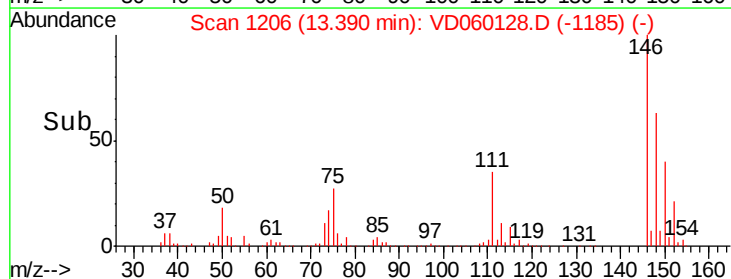
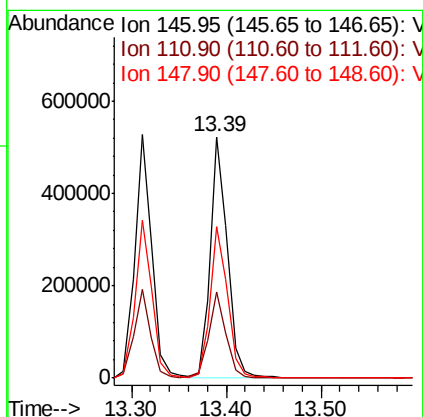
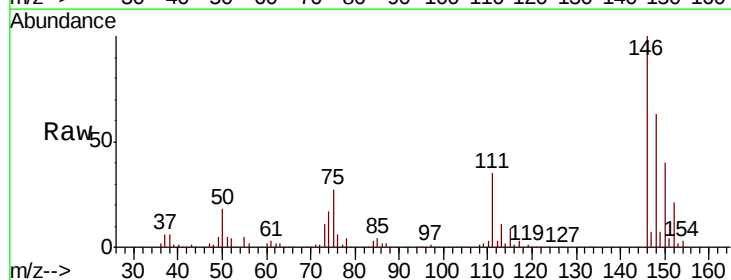
#87
 1,3-Dichlorobenzene
 Concen: 21.486 ug/l
 RT: 13.31 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: VD060128.D
 Acq: 4 Oct 2018 13:03

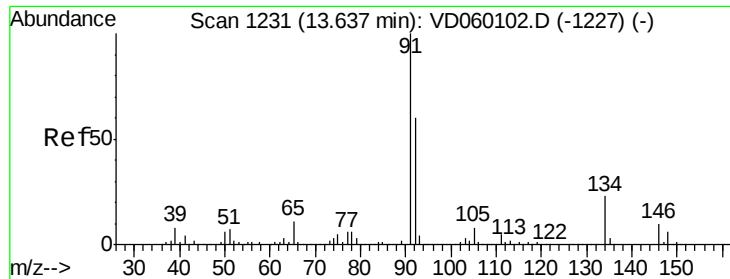
Tot Ion:146 Resp: 662530
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.3
 148 64.7 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 21.390 ug/l
 RT: 13.39 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: VD060128.D
 Acq: 4 Oct 2018 13:03

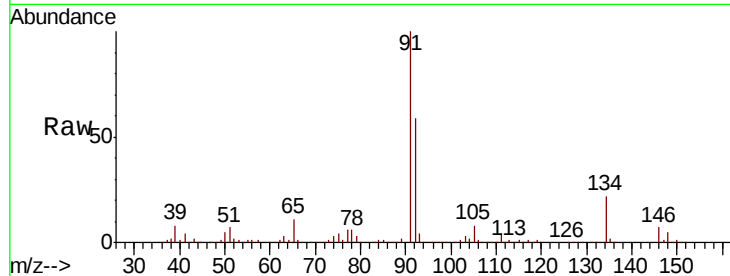
Tgt Ion:146 Resp: 662511
 Ion Ratio Lower Upper
 146 100
 111 35.5 17.8 53.3
 148 62.6 32.4 97.2



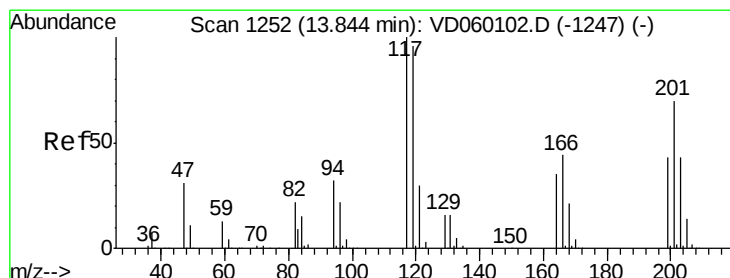
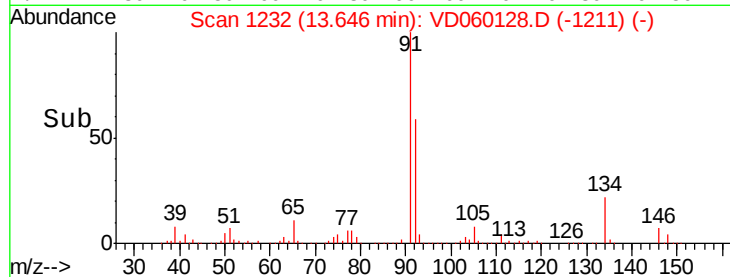
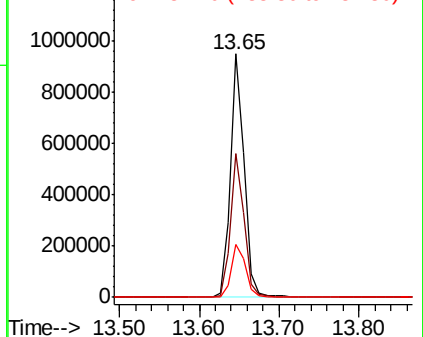


#89
n-Butylbenzene
Concen: 22.550 ug/l
RT: 13.65 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tot Ion: 91 Resp: 1154248
Ion Ratio Lower Upper
91 100
92 59.1 30.1 90.3
134 21.7 11.6 34.7

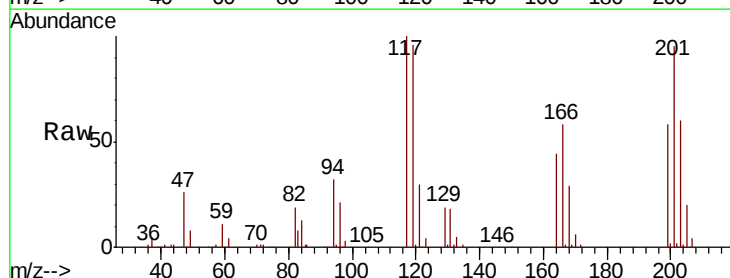


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

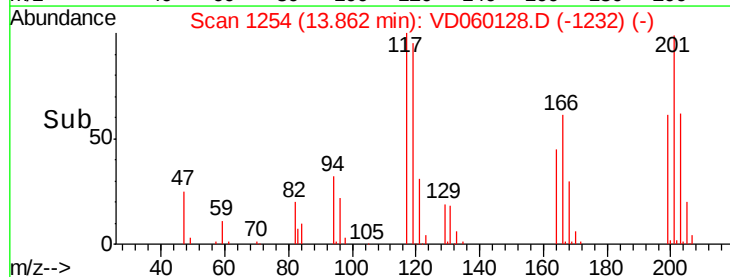
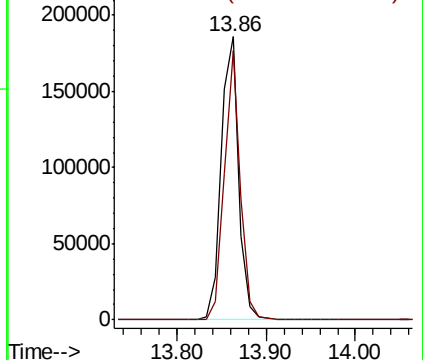


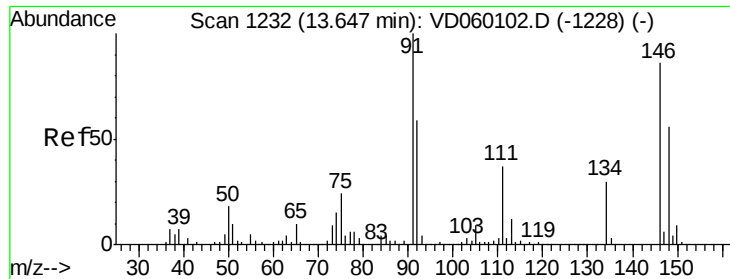
#90
Hexachloroethane
Concen: 21.302 ug/l
RT: 13.86 min Scan# 1254
Delta R.T. 0.02 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tgt Ion: 117 Resp: 258620
Ion Ratio Lower Upper
117 100
201 95.0 34.8 104.5



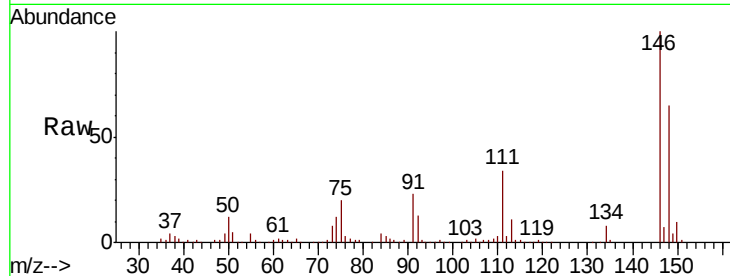
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V



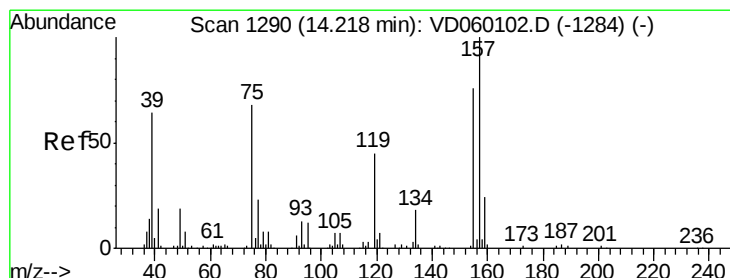
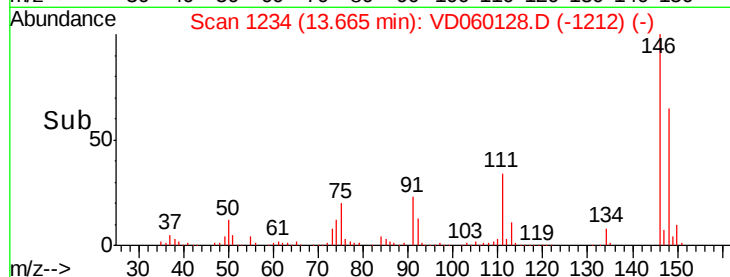
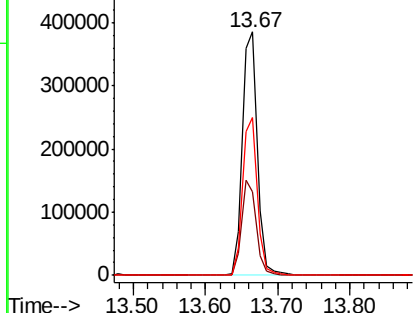


#91
 1,2-Dichlorobenzene
 Concen: 21.648 ug/l
 RT: 13.67 min Scan# 1234
 Delta R.T. 0.02 min
 Lab File: VD060128.D
 Acq: 4 Oct 2018 13:03

Tot Ion:146 Resp: 561297
 Ion Ratio Lower Upper
 146 100
 111 34.4 21.4 64.3
 148 64.8 32.2 96.6

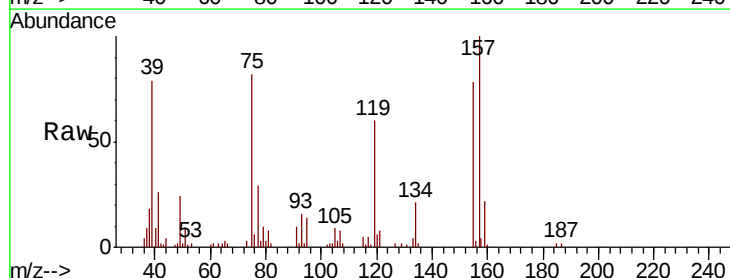


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

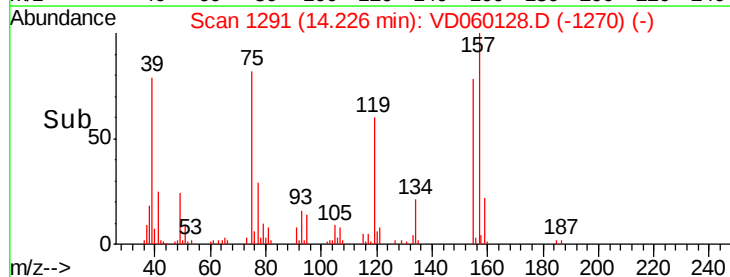
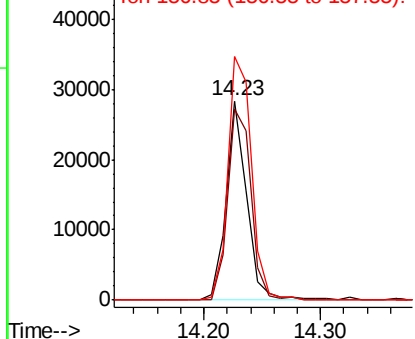


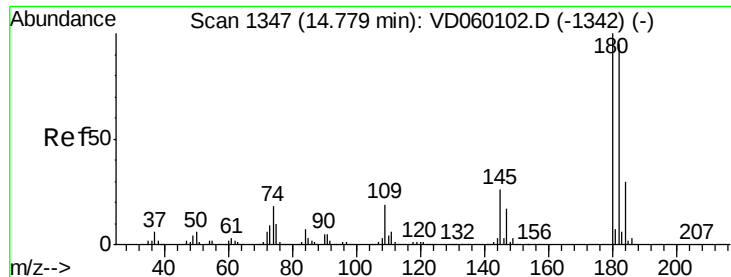
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.648 ug/l
 RT: 14.23 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: VD060128.D
 Acq: 4 Oct 2018 13:03

Tgt Ion: 75 Resp: 34882
 Ion Ratio Lower Upper
 75 100
 155 95.9 55.9 167.7
 157 122.4 73.3 219.8



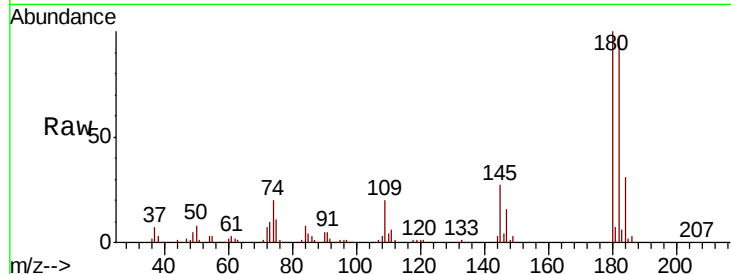
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



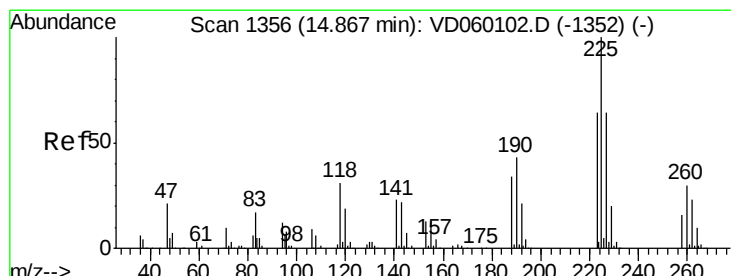
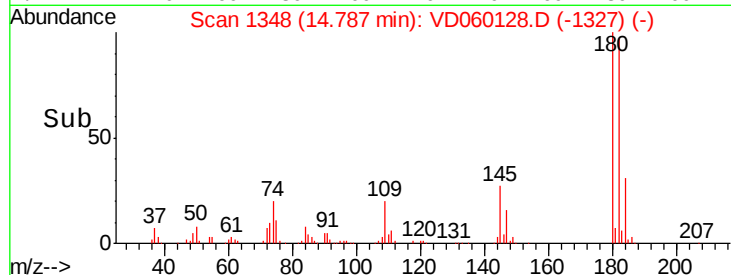
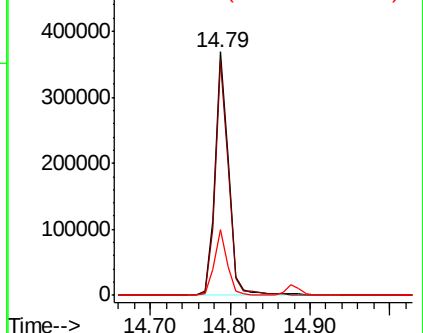


#93
1,2,4-Trichlorobenzene
Concen: 20.269 ug/l
RT: 14.79 min Scan# 1348
Delta R.T. 0.01 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.3	141.8
145	26.8	13.0	38.9

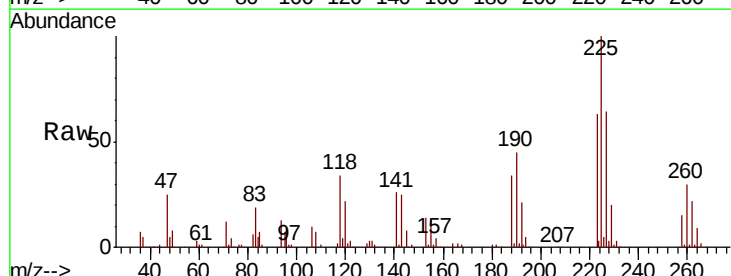


Abundance Ion 179.85 (179.55 to 180.55): V
Ion 181.85 (181.55 to 182.55): V
Ion 144.95 (144.65 to 145.65): V

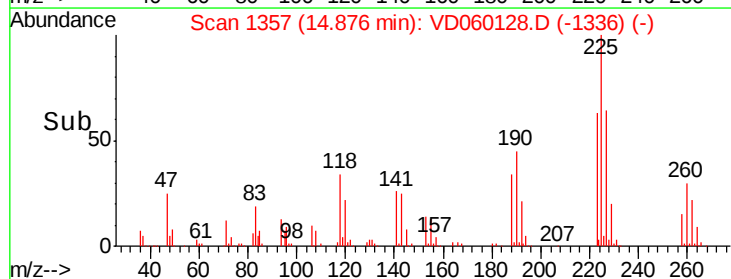
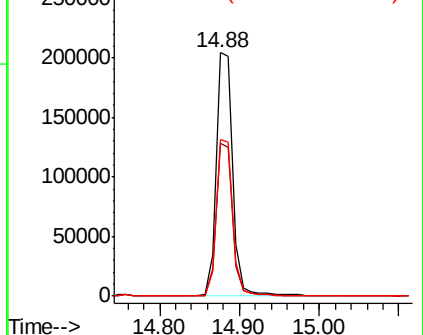


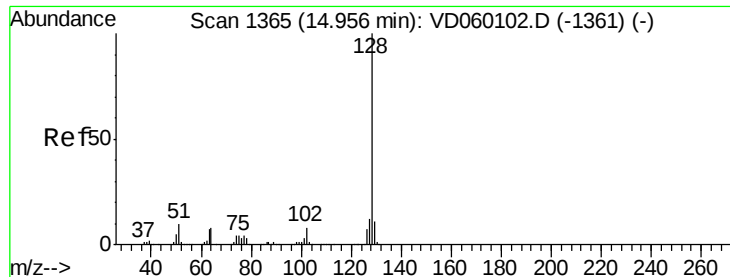
#94
Hexachlorobutadiene
Concen: 20.470 ug/l
RT: 14.88 min Scan# 1357
Delta R.T. 0.01 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.8	95.4
227	64.1	32.0	96.0



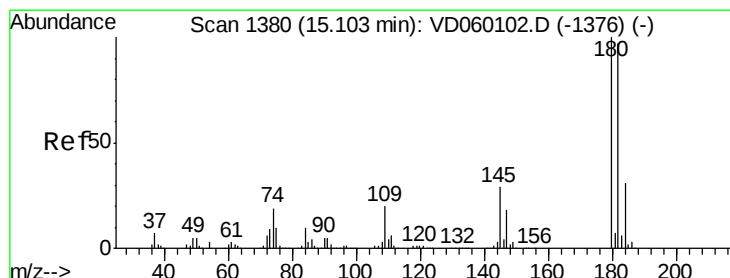
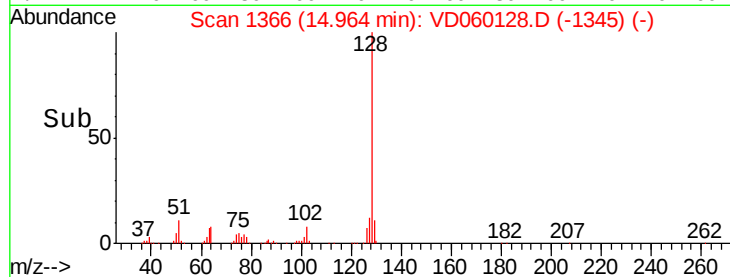
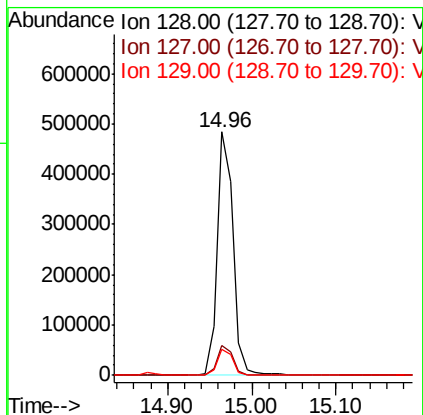
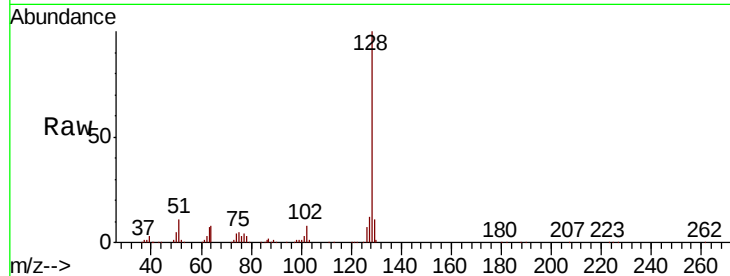
Abundance Ion 224.75 (224.45 to 225.45): V
Ion 222.75 (222.45 to 223.45): V
Ion 226.75 (226.45 to 227.45): V





#95
Naphthalene
Concen: 19.327 ug/l
RT: 14.96 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.9	14.9
129	10.7	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.882 ug/l
RT: 15.11 min Scan# 1381
Delta R.T. 0.01 min
Lab File: VD060128.D
Acq: 4 Oct 2018 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.4	145.0
145	28.3	14.5	43.6

