

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059484.D
 Acq On : 29 Jun 2018 11:13
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 13:18:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	957473	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	1221459	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.69	117	942284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	504843	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	392105	40.04	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	80.08%	
35) Dibromofluoromethane	5.54	113	408903	41.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	82.20%	
50) Toluene-d8	8.70	98	865895	37.23	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	74.46%	
62) 4-Bromofluorobenzene	11.93	95	407422	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.34	85	384810	45.17	ug/l	99
3) Chloromethane	1.49	50	189922	42.85	ug/l	90
4) Vinyl Chloride	1.56	62	201008	43.71	ug/l	92
5) Bromomethane	1.79	94	79131	50.17	ug/l	98
6) Chloroethane	1.88	64	102337	52.79	ug/l	95
7) Trichlorofluoromethane	2.08	101	354812	53.51	ug/l	94
8) Diethyl Ether	2.35	74	74614	49.73	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.55	101	220532	53.52	ug/l	96
10) Methyl Iodide	2.69	142	236987	49.24	ug/l	99
11) Tert butyl alcohol	3.26	59	79625	235.06	ug/l #	91
12) 1,1-Dichloroethene	2.54	96	165554	52.48	ug/l	90
13) Acrolein	2.47	56	114548	378.27	ug/l	90
14) Allyl chloride	2.92	41	362531	50.20	ug/l	95
15) Acrylonitrile	3.37	53	303507	291.94	ug/l	99
16) Acetone	2.61	43	370495	299.81	ug/l	93
17) Carbon Disulfide	2.76	76	437911	45.32	ug/l	98
18) Methyl Acetate	2.94	43	131205	49.78	ug/l #	90
19) Methyl tert-butyl Ether	3.41	73	807894	52.03	ug/l	97
20) Methylene Chloride	3.07	84	164810	47.99	ug/l	98
21) trans-1,2-Dichloroethene	3.39	96	319746	57.32	ug/l	95
22) Diisopropyl ether	4.07	45	1344420	49.48	ug/l	99
23) Vinyl Acetate	4.02	43	3856806	272.45	ug/l	98
24) 1,1-Dichloroethane	3.97	63	780684	50.21	ug/l	98
25) 2-Butanone	4.84	43	642347	248.13	ug/l	98
26) 2,2-Dichloropropane	4.80	77	685612	56.87	ug/l	98
27) cis-1,2-Dichloroethene	4.81	96	418723	44.67	ug/l	98
28) Bromochloromethane	5.14	49	329067	48.82	ug/l	100
29) Tetrahydrofuran	5.18	42	309557	218.62	ug/l	95
30) Chloroform	5.32	83	837068	49.40	ug/l	93
31) Cyclohexane	5.59	56	519946	50.74	ug/l	100
32) 1,1,1-Trichloroethane	5.52	97	700858	51.08	ug/l	99
36) 1,1-Dichloropropene	5.74	75	550804	49.71	ug/l	98
37) Ethyl Acetate	4.92	43	308162	45.67	ug/l	99
38) Carbon Tetrachloride	5.72	117	590780	51.71	ug/l	99

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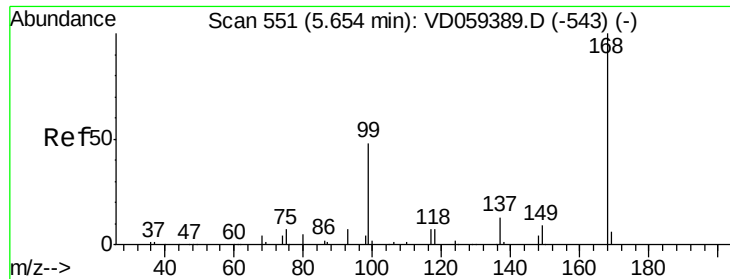
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	501253	47.70	ug/l	97
40) Benzene	6.02	78	1302074	48.97	ug/l	99
41) Methacrylonitrile	5.13	41	157711	48.52	ug/l	96
42) 1,2-Dichloroethane	6.13	62	564565	48.05	ug/l	96
43) Isopropyl Acetate	7.61	43	417411	49.26	ug/l	98
44) Trichloroethene	6.98	130	416180	47.80	ug/l	87
45) 1,2-Dichloropropane	7.36	63	368510	50.04	ug/l	95
46) Dibromomethane	7.46	93	262871	49.63	ug/l	90
47) Bromodichloromethane	7.74	83	617257	52.09	ug/l	98
48) Methyl methacrylate	7.50	41	261785	50.71	ug/l	97
49) 1,4-Dioxane	7.49	88	51099	986.89	ug/l	97
51) 4-Methyl-2-Pentanone	8.60	43	1328765	235.31	ug/l	98
52) Toluene	8.80	92	733321	46.18	ug/l	98
53) t-1,3-Dichloropropene	9.19	75	516523	52.16	ug/l	98
54) cis-1,3-Dichloropropene	8.36	75	604173	52.69	ug/l	97
55) 1,1,2-Trichloroethane	9.45	97	277544	48.14	ug/l	98
56) Ethyl methacrylate	9.31	69	329490	50.08	ug/l	98
57) 1,3-Dichloropropane	9.67	76	470827	49.93	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.19	63	778957	229.99	ug/l	98
59) 2-Hexanone	9.79	43	1043542	260.02	ug/l	100
60) Dibromochloromethane	9.95	129	410998	50.90	ug/l	100
61) 1,2-Dibromoethane	10.09	107	304664	47.45	ug/l	95
64) Tetrachloroethene	9.51	164	385158	46.59	ug/l	97
65) Chlorobenzene	10.72	112	862818	50.08	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	359247	54.32	ug/l	97
67) Ethyl Benzene	10.86	91	1520602	52.30	ug/l	97
68) m/p-Xylenes	11.01	106	965247	100.07	ug/l	99
69) o-Xylene	11.40	106	508388	53.31	ug/l	99
70) Styrene	11.43	104	825769	50.51	ug/l	96
71) Bromoform	11.60	173	308101	56.23	ug/l	96
73) Isopropylbenzene	11.78	105	1439054	50.51	ug/l	96
74) N-amyl acetate	11.65	43	560157	51.68	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.07	83	347761	52.03	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	353429	50.75	ug/l	96
77) Bromobenzene	12.04	156	460417	51.35	ug/l	90
78) n-propylbenzene	12.15	91	1895584	52.54	ug/l	96
79) 2-Chlorotoluene	12.22	91	1092760	51.57	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	1119315	49.35	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	85741	54.17	ug/l	89
82) 4-Chlorotoluene	12.33	91	1174673	48.89	ug/l	95
83) tert-Butylbenzene	12.57	119	1337950	55.46	ug/l	93
84) 1,2,4-Trimethylbenzene	12.62	105	1190489	49.60	ug/l	98
85) sec-Butylbenzene	12.76	105	1480841	50.02	ug/l	97
86) p-Isopropyltoluene	12.89	119	1219313	51.10	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	792059	53.69	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	734105	50.43	ug/l	95
89) n-Butylbenzene	13.19	91	1241892	52.73	ug/l	98
90) Hexachloroethane	13.40	117	353877	59.44	ug/l	82
91) 1,2-Dichlorobenzene	13.19	146	610738	48.83	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	57498	52.17	ug/l	68

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	649234	56.15	ug/l	92
94) Hexachlorobutadiene	14.43	225	463130	53.23	ug/l	98
95) Naphthalene	14.51	128	834552	51.78	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	554314	53.32	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD059484.D

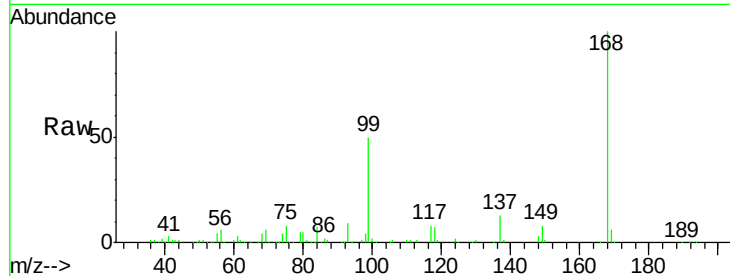
Acq: 29 Jun 2018 11:13

Tot Ion:168 Resp: 957473

Ion Ratio Lower Upper

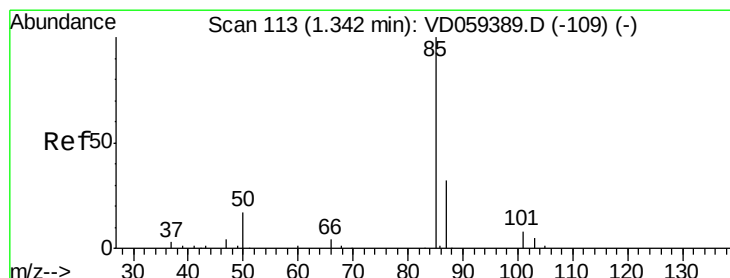
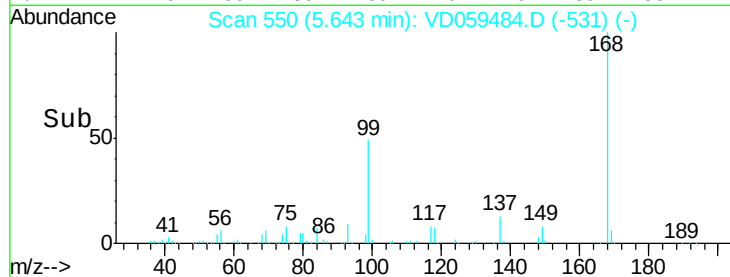
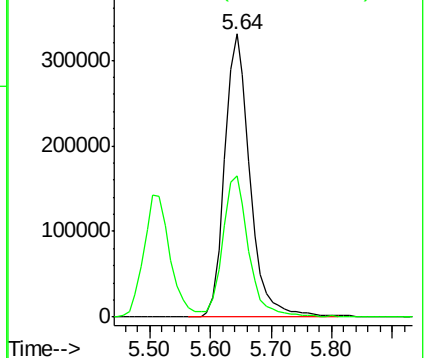
168 100

99 49.9 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 45.17 ug/l

RT: 1.34 min Scan# 113

Delta R.T. -0.00 min

Lab File: VD059484.D

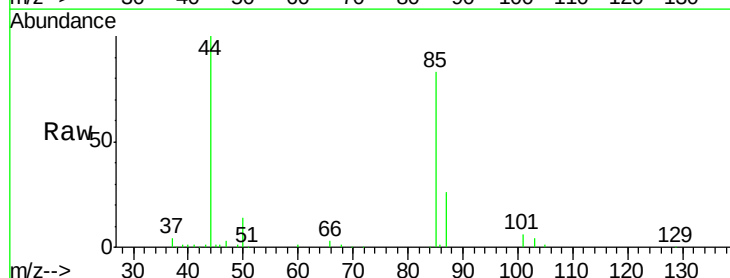
Acq: 29 Jun 2018 11:13

Tgt Ion: 85 Resp: 384810

Ion Ratio Lower Upper

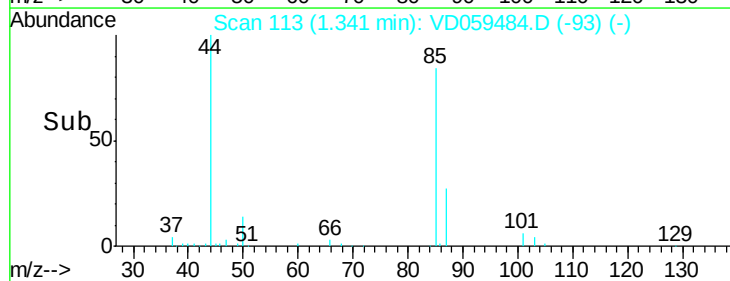
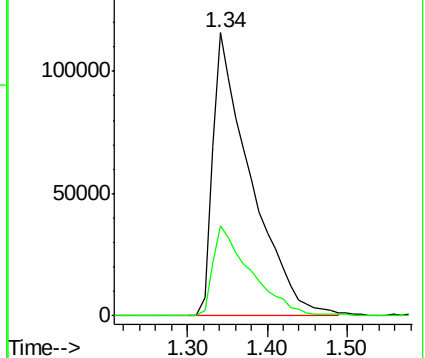
85 100

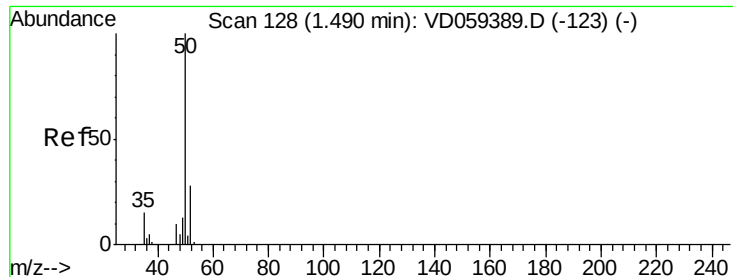
87 31.7 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.85 ug/l

RT: 1.49 min Scan# 128

Delta R.T. -0.00 min

Lab File: VD059484.D

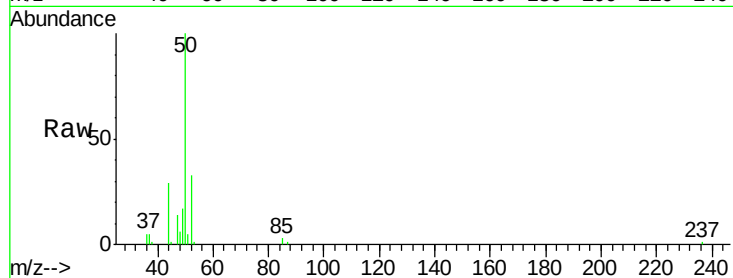
Acq: 29 Jun 2018 11:13

Tot Ion: 50 Resp: 189922

Ion Ratio Lower Upper

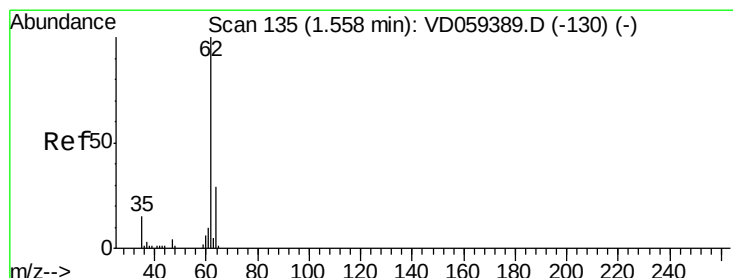
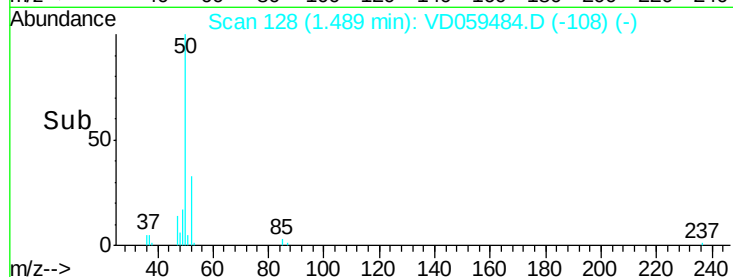
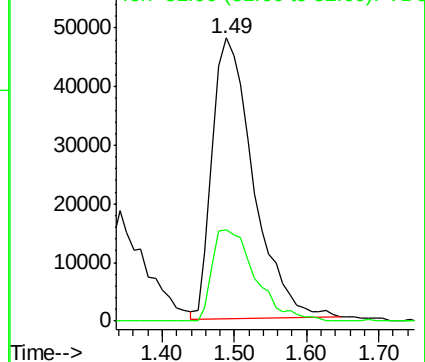
50 100

52 32.5 21.8 32.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.71 ug/l

RT: 1.56 min Scan# 135

Delta R.T. -0.00 min

Lab File: VD059484.D

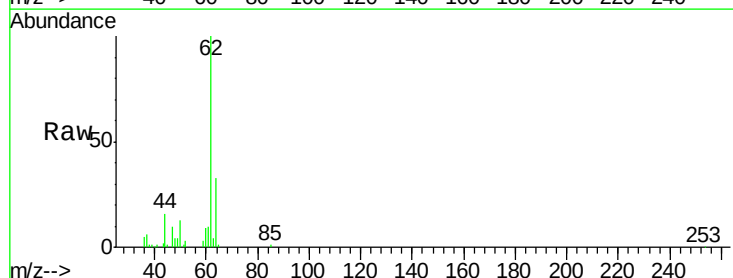
Acq: 29 Jun 2018 11:13

Tgt Ion: 62 Resp: 201008

Ion Ratio Lower Upper

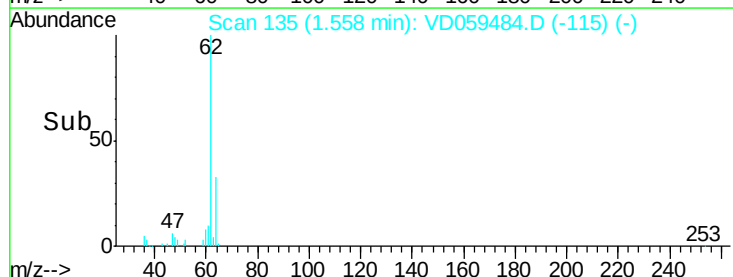
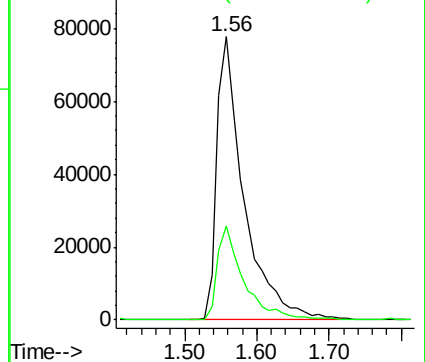
62 100

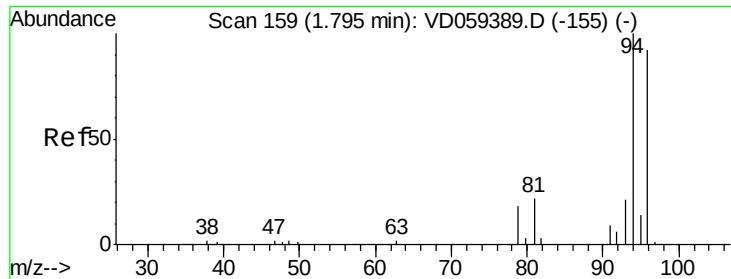
64 33.1 23.0 34.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

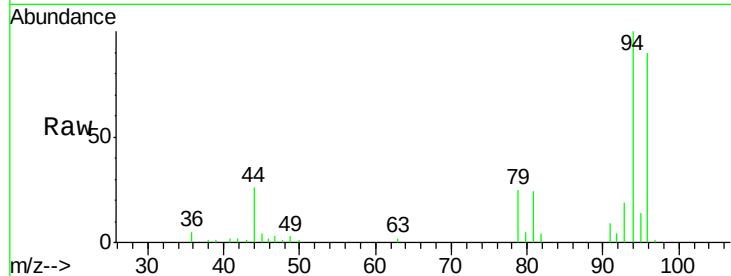
Ion 63.95 (63.65 to 64.65): VDC



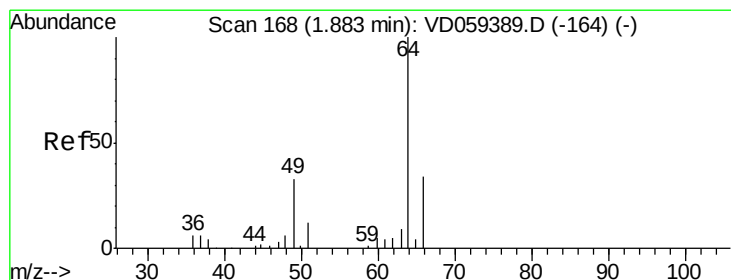
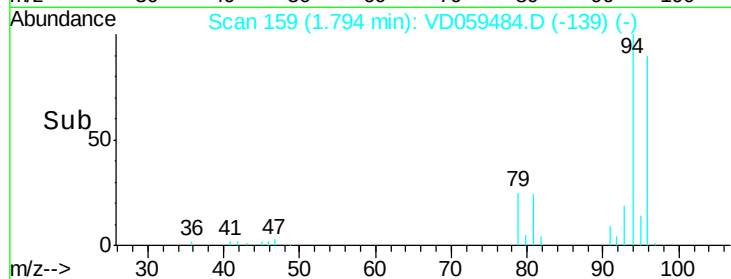
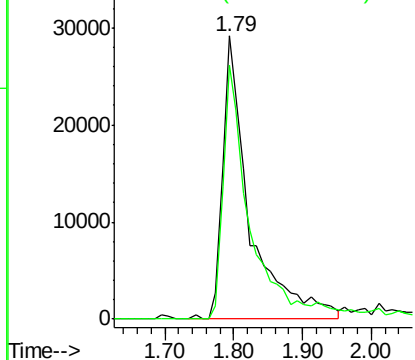


#5
Bromomethane
Concen: 50.17 ug/l
RT: 1.79 min Scan# 159
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion: 94 Resp: 79131
Ion Ratio Lower Upper
94 100
96 89.8 73.4 110.0

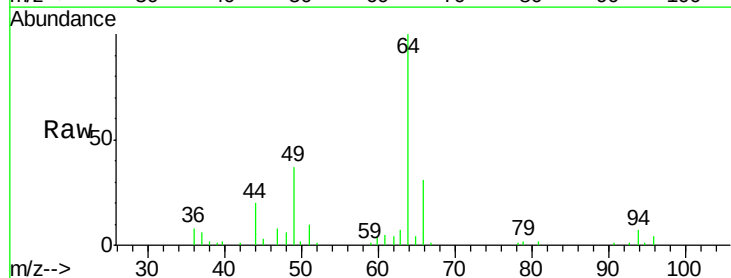


Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC

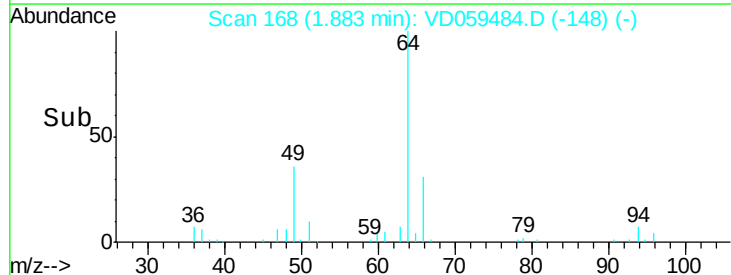
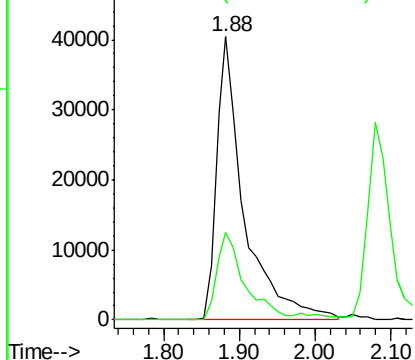


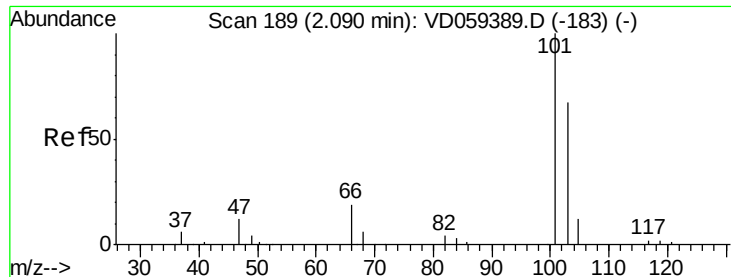
#6
Chloroethane
Concen: 52.79 ug/l
RT: 1.88 min Scan# 168
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion: 64 Resp: 102337
Ion Ratio Lower Upper
64 100
66 30.9 27.1 40.7



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





#7

Trichlorofluoromethane

Concen: 53.51 ug/l

RT: 2.08 min Scan# 188

Delta R.T. -0.01 min

Lab File: VD059484.D

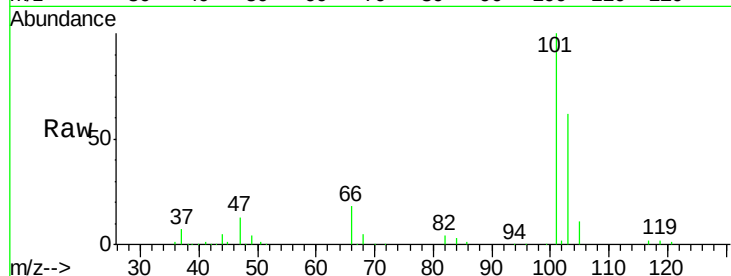
Acq: 29 Jun 2018 11:13

Tot Ion:101 Resp: 354812

Ion Ratio Lower Upper

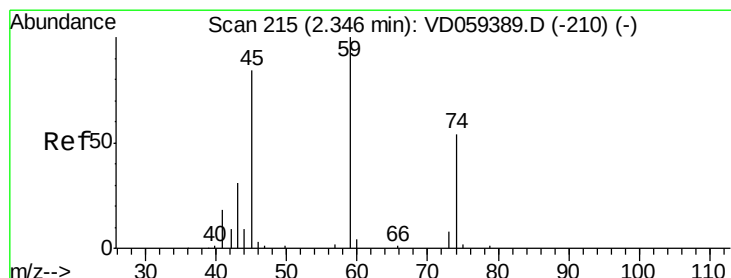
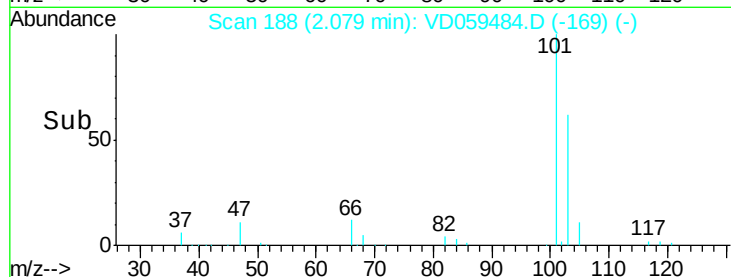
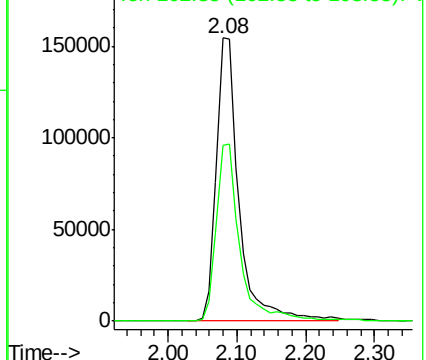
101 100

103 61.9 53.4 80.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 49.73 ug/l

RT: 2.35 min Scan# 215

Delta R.T. -0.00 min

Lab File: VD059484.D

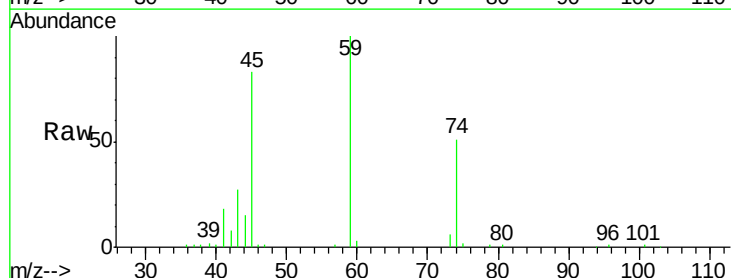
Acq: 29 Jun 2018 11:13

Tgt Ion: 74 Resp: 74614

Ion Ratio Lower Upper

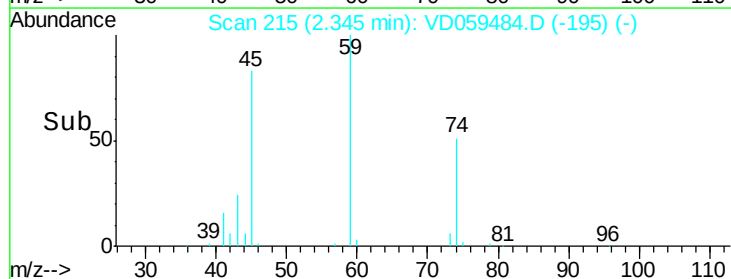
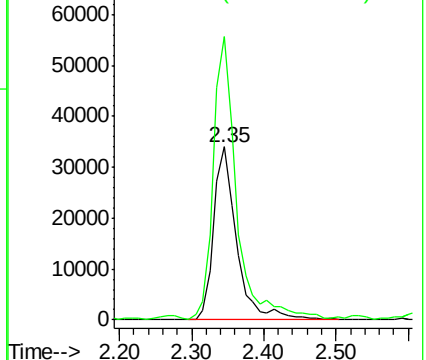
74 100

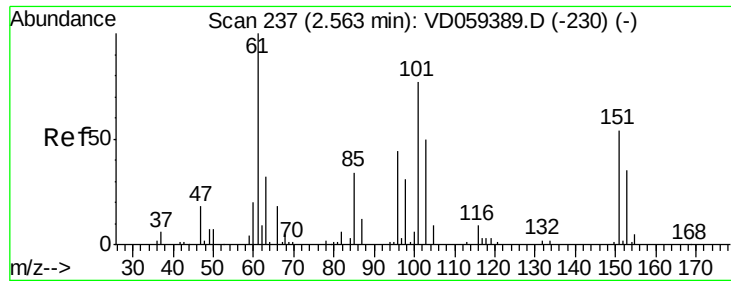
45 163.4 78.0 233.8



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: 53.52 ug/l

RT: 2.55 min Scan# 236

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

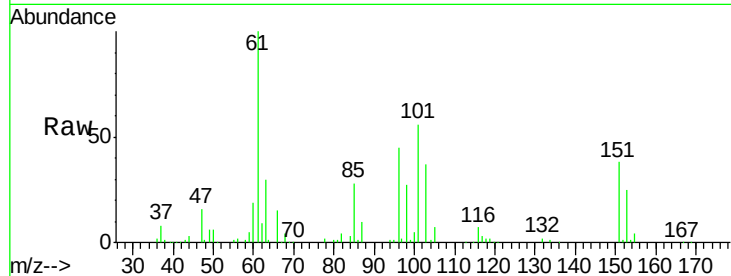
Tot Ion:101 Resp: 220532

Ion Ratio Lower Upper

101 100

85 49.8 35.7 53.5

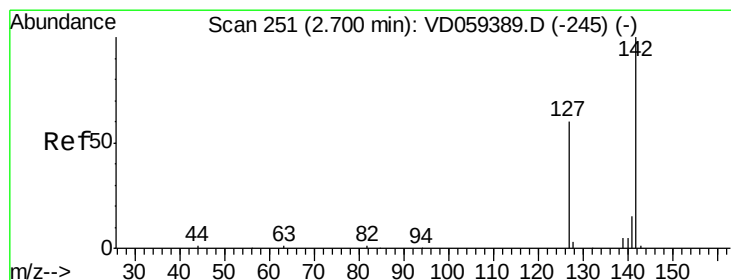
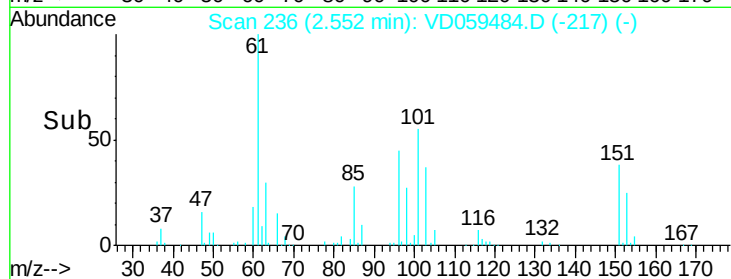
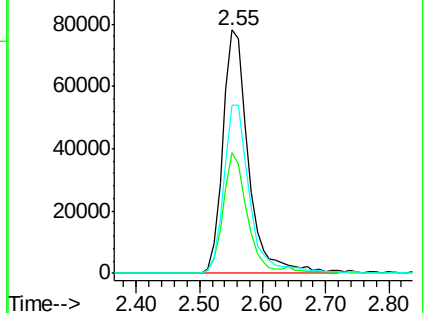
151 69.2 55.8 83.8



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: 49.24 ug/l

RT: 2.69 min Scan# 250

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

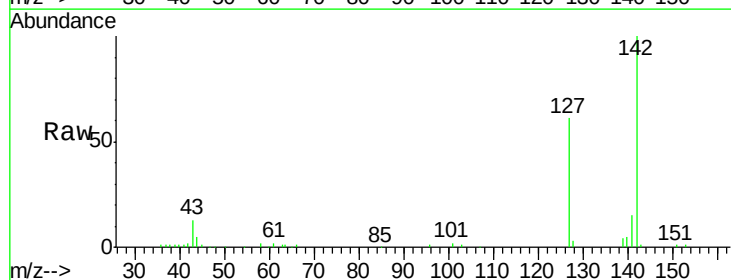
Tgt Ion:142 Resp: 236987

Ion Ratio Lower Upper

142 100

127 61.4 48.4 72.6

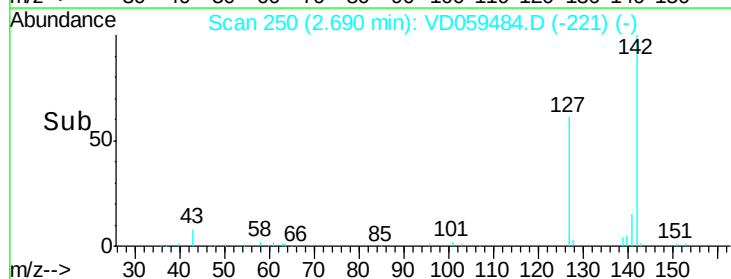
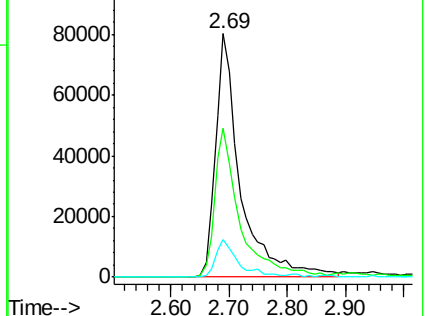
141 15.4 12.1 18.1

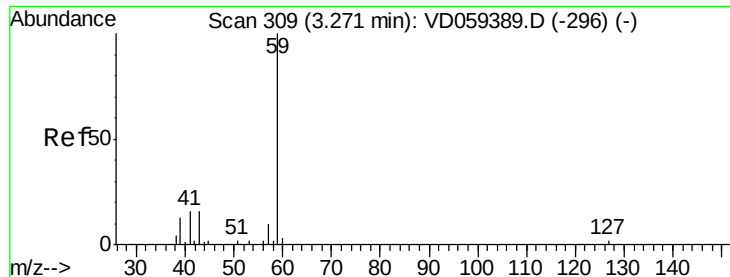


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

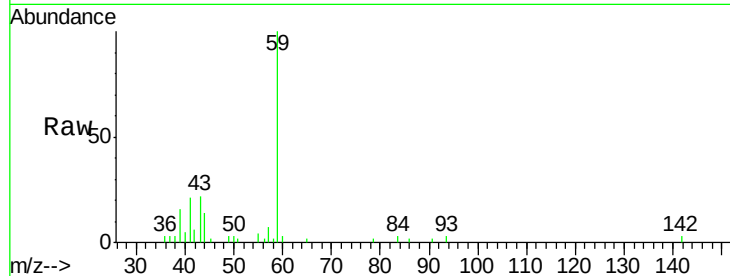




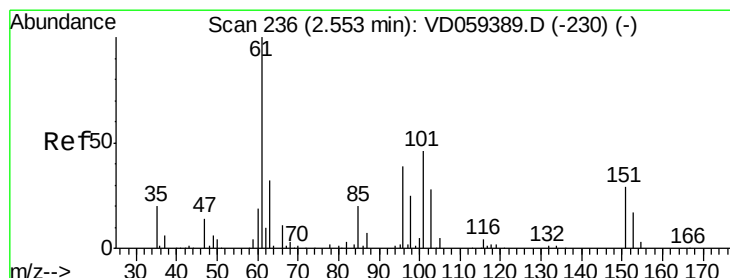
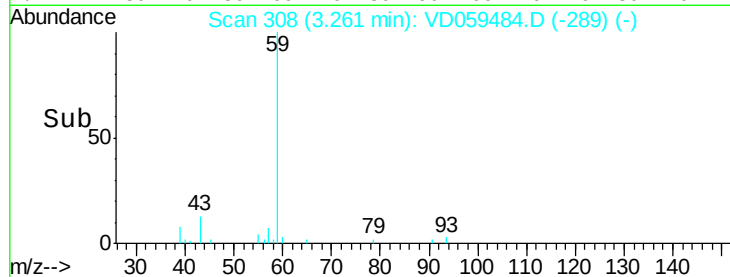
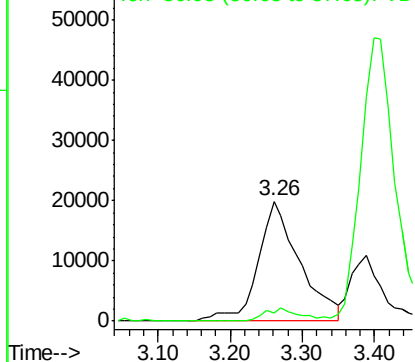
#11

Tert butyl alcohol
Concen: 235.06 ug/l
RT: 3.26 min Scan# 308
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion: 59 Resp: 79625
Ion Ratio Lower Upper
59 100
57 7.2 8.3 12.5#



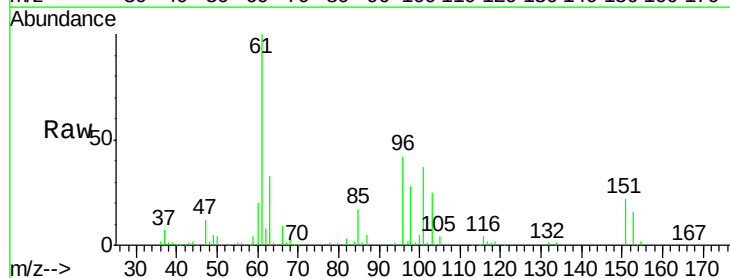
Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC



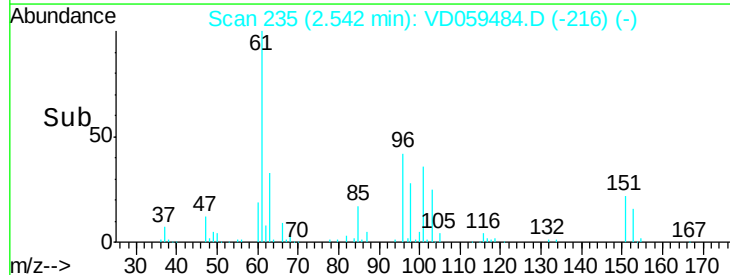
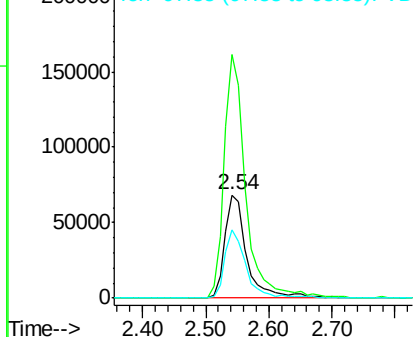
#12

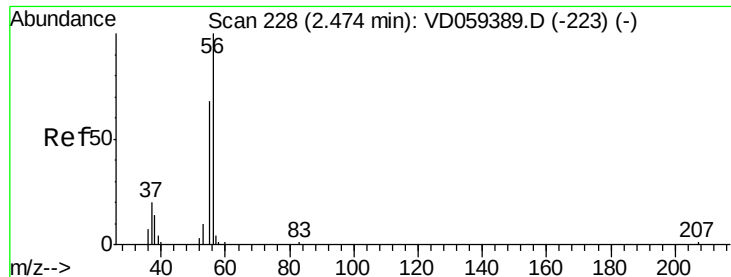
1,1-Dichloroethene
Concen: 52.48 ug/l
RT: 2.54 min Scan# 235
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion: 96 Resp: 165554
Ion Ratio Lower Upper
96 100
61 236.3 205.4 308.0
98 66.7 51.0 76.4



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





#13

Acrolein

Concen: 378.27 ug/l

RT: 2.47 min Scan# 228

Delta R.T. -0.00 min

Lab File: VD059484.D

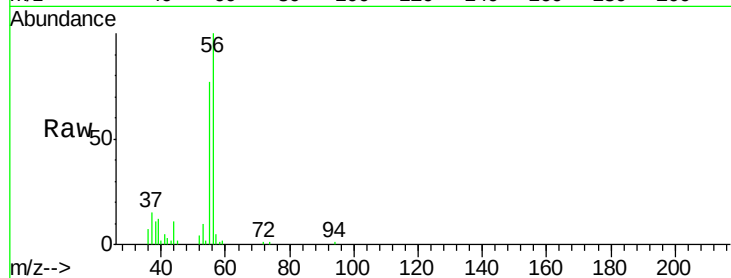
Acq: 29 Jun 2018 11:13

Tot Ion: 56 Resp: 114548

Ion Ratio Lower Upper

56 100

55 76.8 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.47

40000

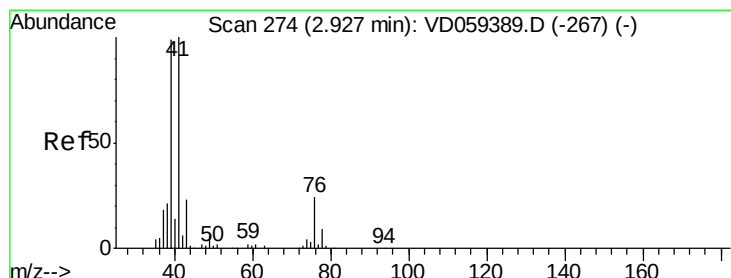
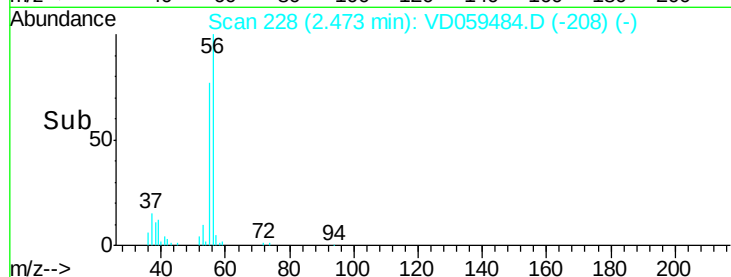
30000

20000

10000

0

Time--> 2.30 2.40 2.50 2.60



#14

Allyl chloride

Concen: 50.20 ug/l

RT: 2.92 min Scan# 273

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

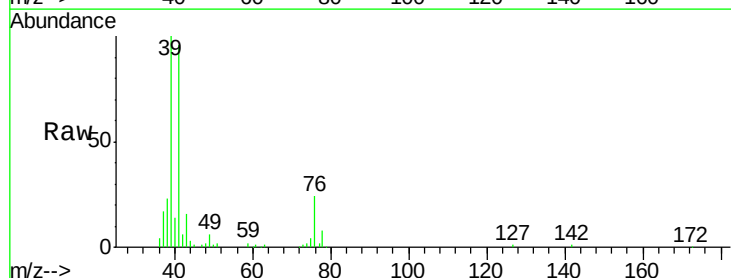
Tgt Ion: 41 Resp: 362531

Ion Ratio Lower Upper

41 100

39 103.9 79.1 118.7

76 25.3 21.9 32.9



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

250000

200000

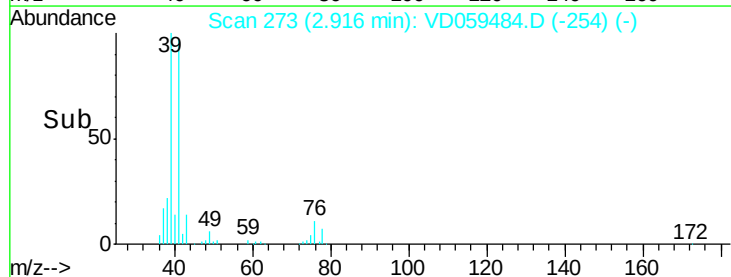
150000

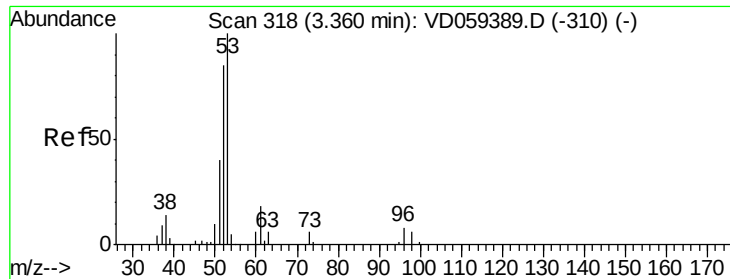
100000

50000

0

Time--> 2.80 2.90 3.00 3.10





#15

Acrylonitrile

Concen: 291.94 ug/l

RT: 3.37 min Scan# 319

Delta R.T. 0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

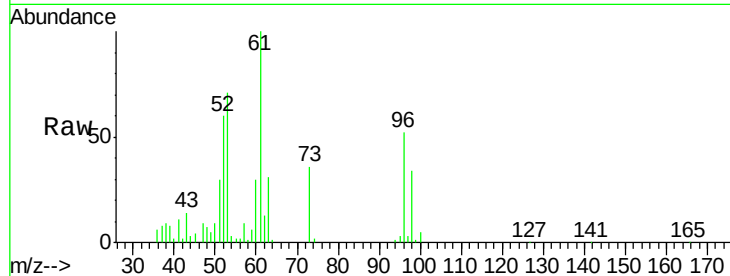
Tot Ion: 53 Resp: 303507

Ion Ratio Lower Upper

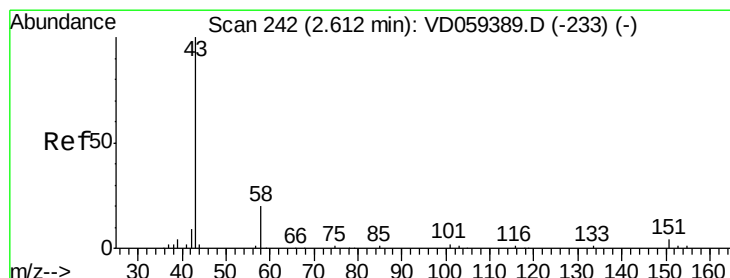
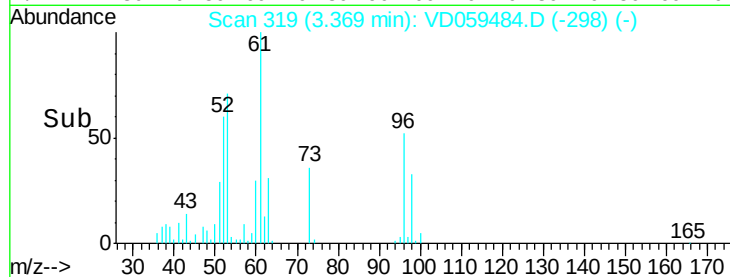
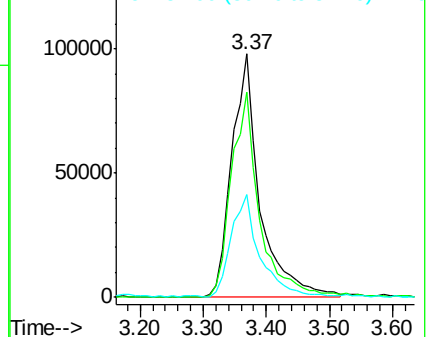
53 100

52 84.5 67.9 101.9

51 42.0 32.2 48.4



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: 299.81 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD059484.D

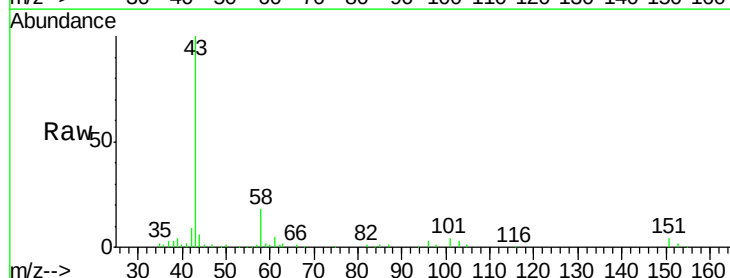
Acq: 29 Jun 2018 11:13

Tgt Ion: 43 Resp: 370495

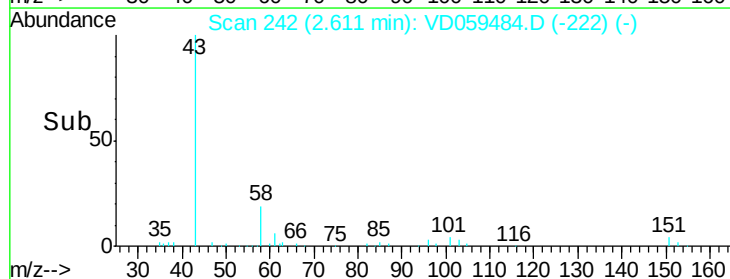
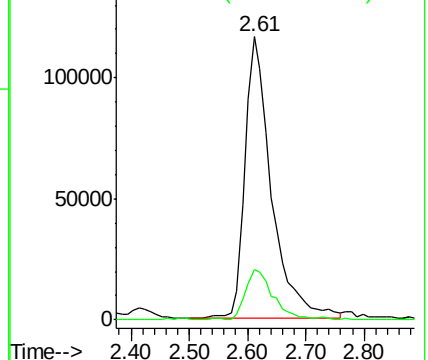
Ion Ratio Lower Upper

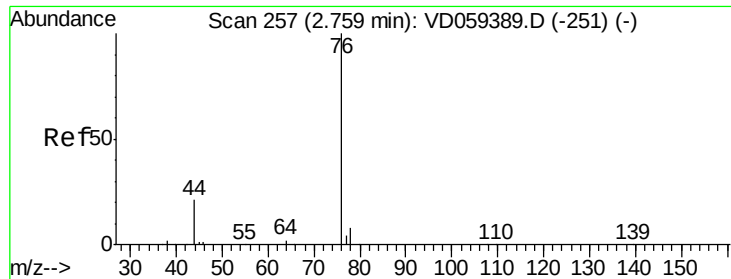
43 100

58 17.8 16.8 25.2



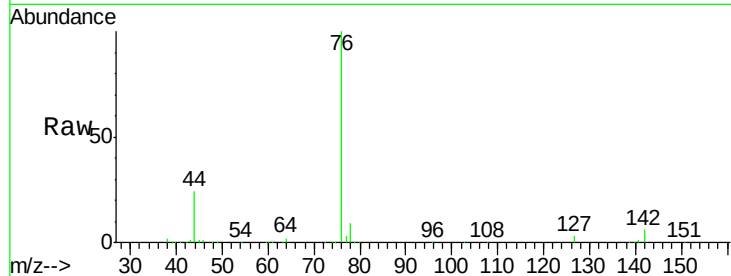
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



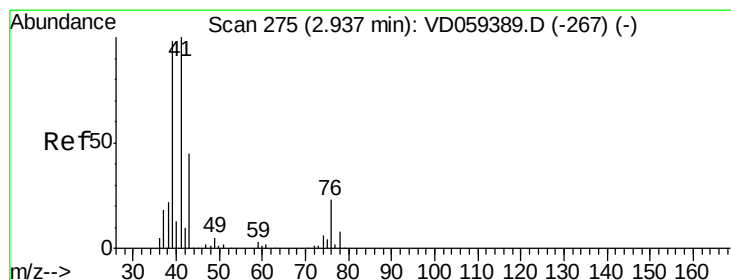
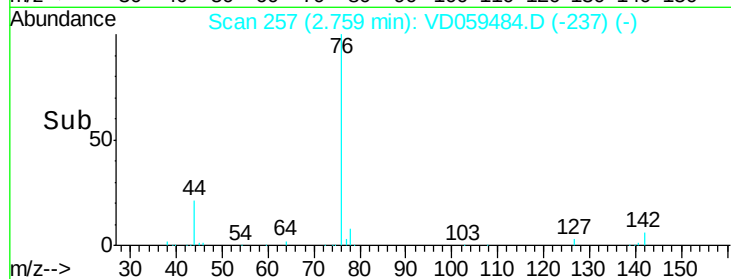
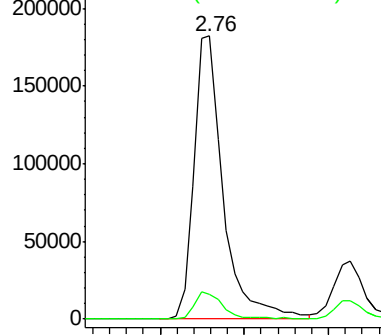


#17
Carbon Disulfide
Concen: 45.32 ug/l
RT: 2.76 min Scan# 257
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion: 76 Resp: 437911
Ion Ratio Lower Upper
76 100
78 8.8 6.6 9.8

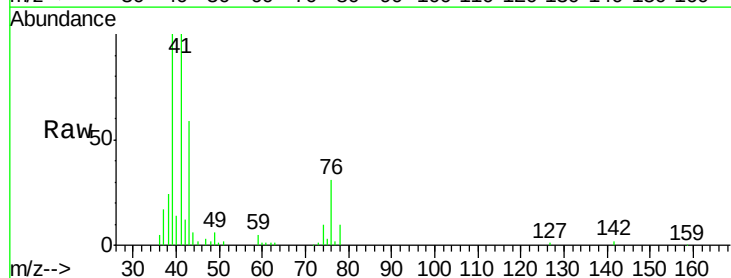


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

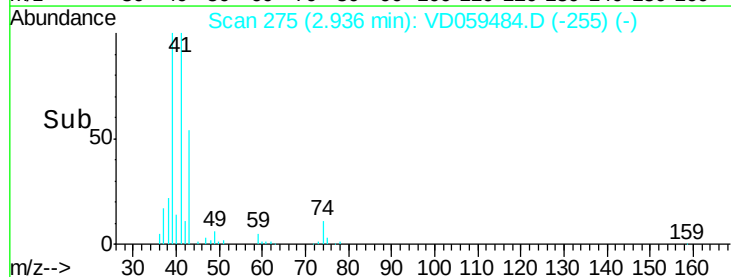
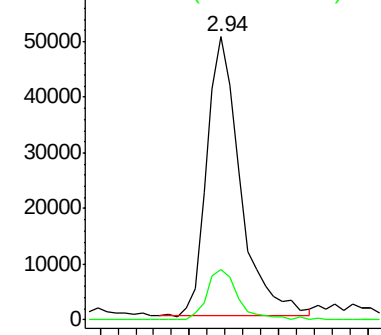


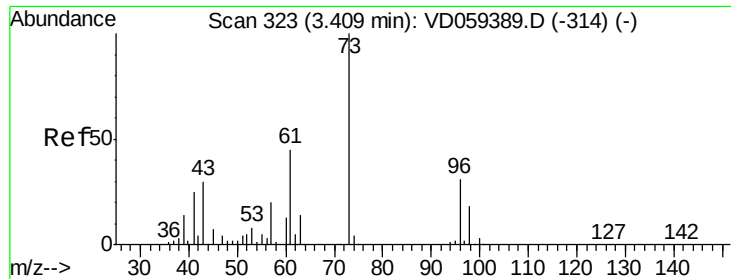
#18
Methyl Acetate
Concen: 49.78 ug/l
RT: 2.94 min Scan# 275
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion: 43 Resp: 131205
Ion Ratio Lower Upper
43 100
74 17.6 11.0 16.4#



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

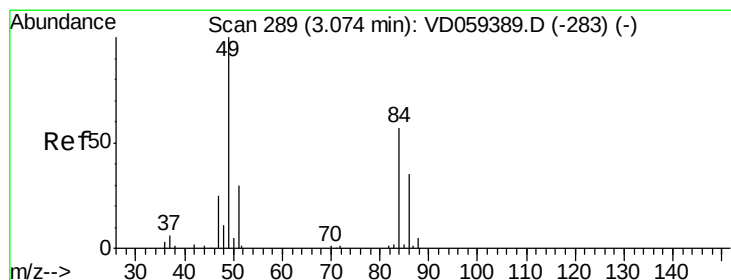
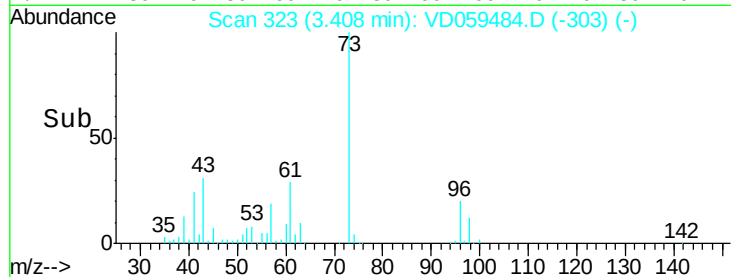
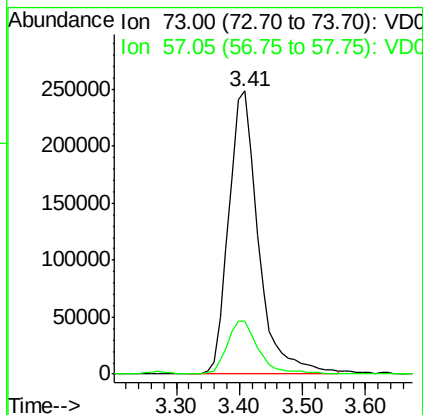
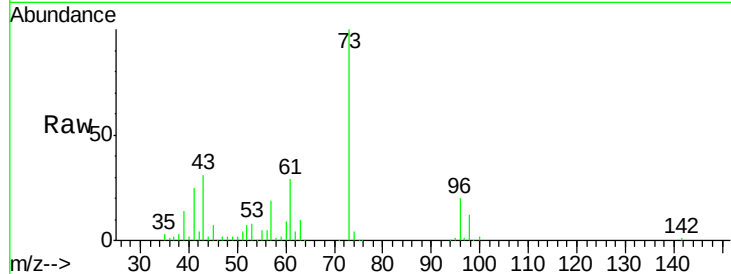




#19

Methyl tert-butyl Ether
 Concen: 52.03 ug/l
 RT: 3.41 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

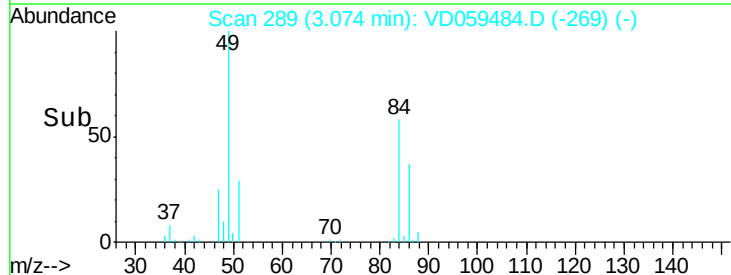
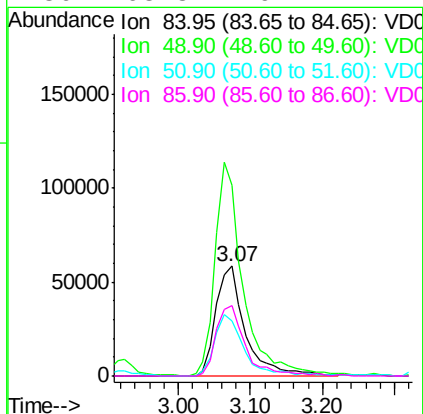
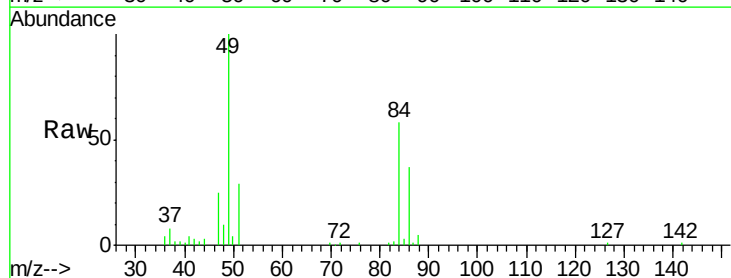
Tot Ion: 73 Resp: 807894
 Ion Ratio Lower Upper
 73 100
 57 18.9 16.1 24.1

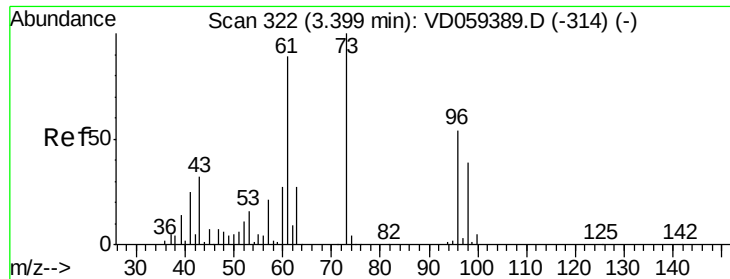


#20

Methylene Chloride
 Concen: 47.99 ug/l
 RT: 3.07 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tgt Ion: 84 Resp: 164810
 Ion Ratio Lower Upper
 84 100
 49 173.7 140.3 210.5
 51 50.0 41.6 62.4
 86 63.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 57.32 ug/l

RT: 3.39 min Scan# 321

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

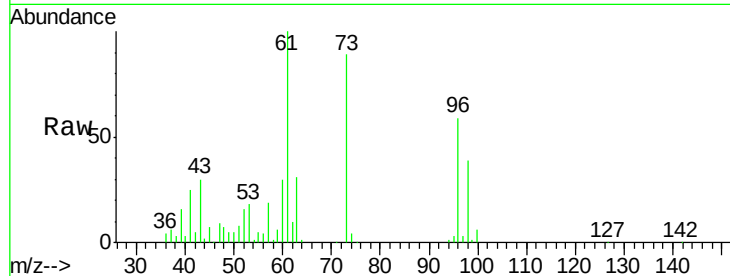
Tot Ion: 96 Resp: 319746

Ion Ratio Lower Upper

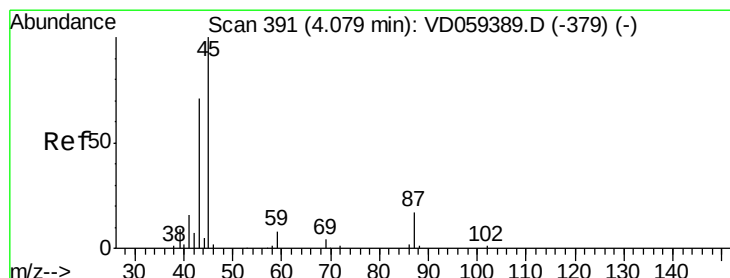
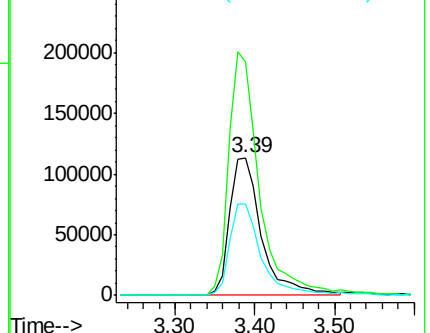
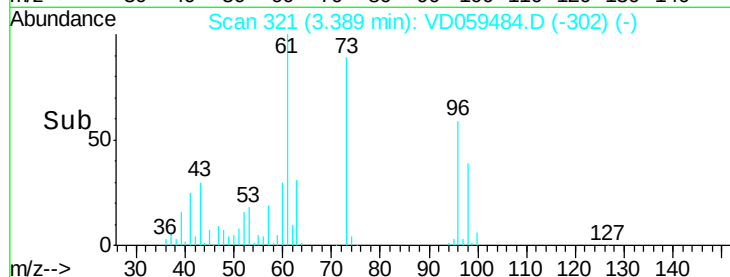
96 100

61 170.3 131.0 196.4

98 66.6 56.8 85.2



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



#22

Diisopropyl ether

Concen: 49.48 ug/l

RT: 4.07 min Scan# 390

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

Tgt Ion: 45 Resp: 1344420

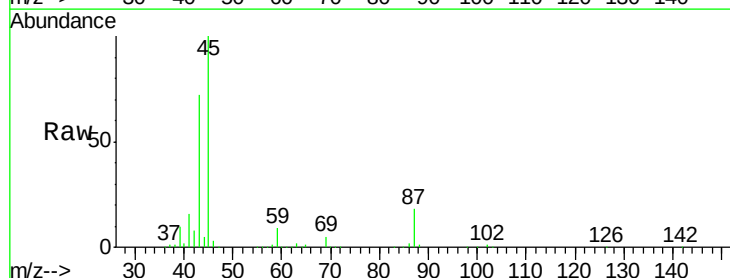
Ion Ratio Lower Upper

45 100

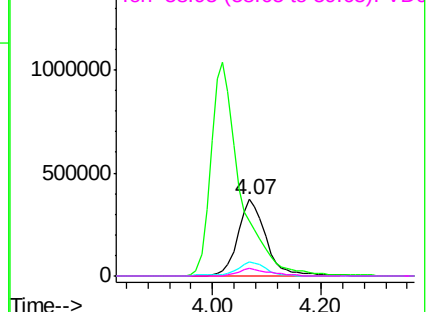
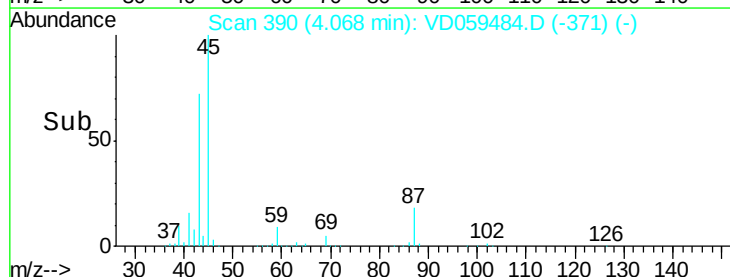
43 71.9 56.9 85.3

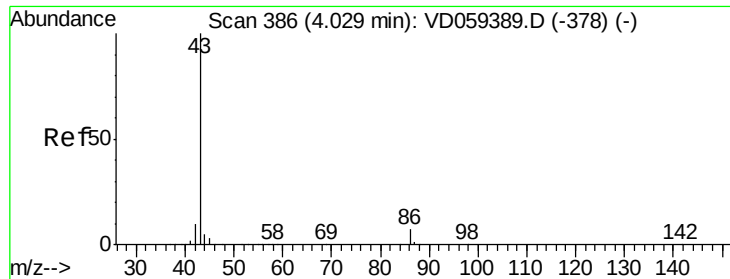
87 18.3 14.2 21.4

59 9.3 7.0 10.4



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: 272.45 ug/l

RT: 4.02 min Scan# 385

Delta R.T. -0.01 min

Lab File: VD059484.D

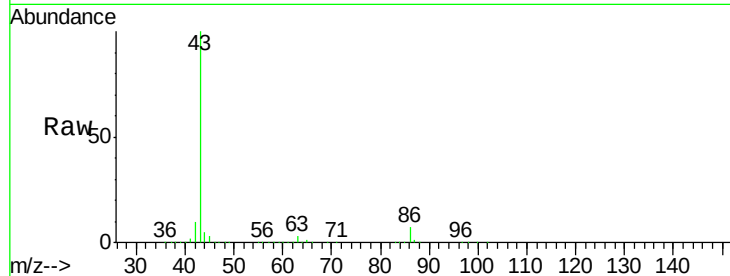
Acq: 29 Jun 2018 11:13

Tot Ion: 43 Resp: 3856806

Ion Ratio Lower Upper

43 100

86 7.3 5.2 7.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

1200000

1000000

800000

600000

400000

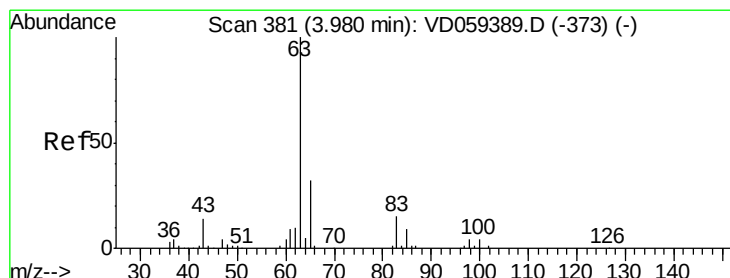
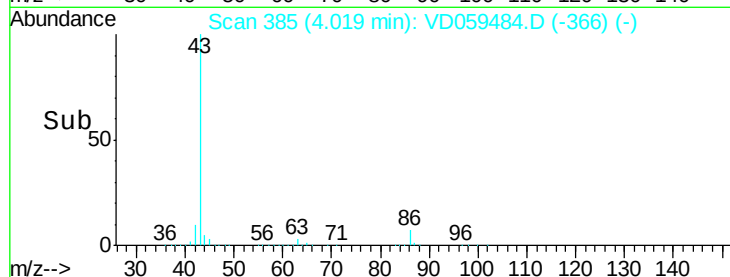
200000

0

Time-->

3.90 4.00 4.10 4.20

4.02



#24

1,1-Dichloroethane

Concen: 50.21 ug/l

RT: 3.97 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

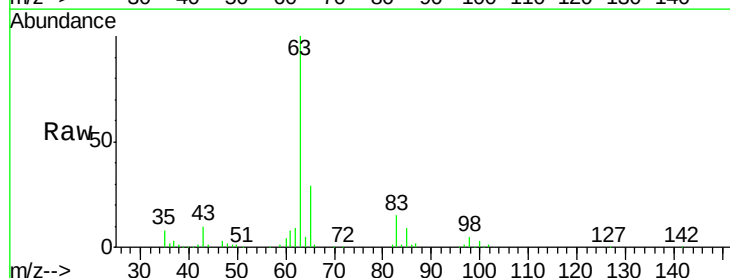
Tgt Ion: 63 Resp: 780684

Ion Ratio Lower Upper

63 100

98 4.6 2.1 6.5

100 2.8 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

300000

250000

200000

150000

100000

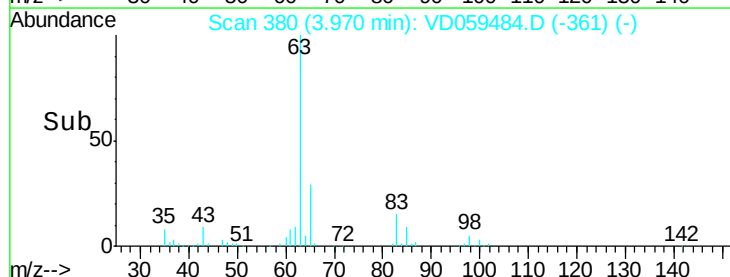
50000

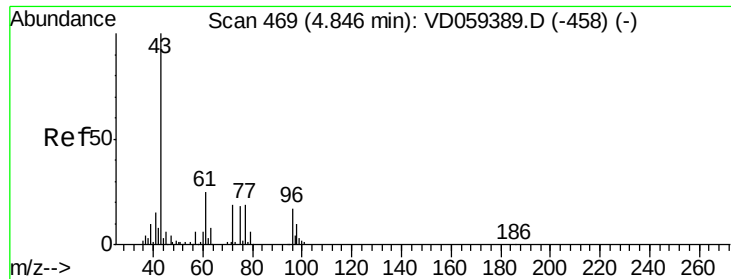
0

Time-->

3.80 3.90 4.00 4.10 4.20

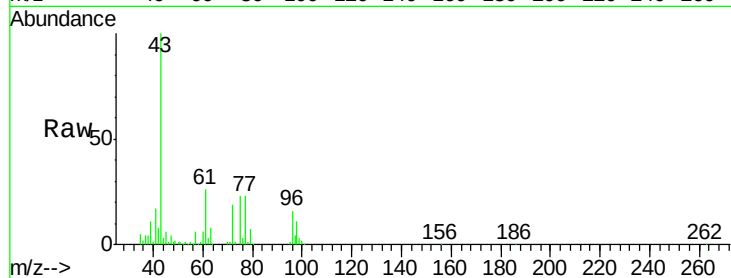
3.97



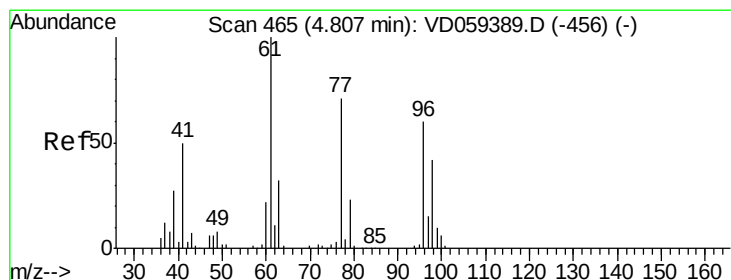
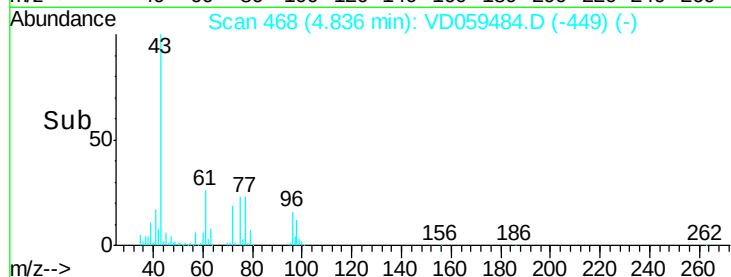
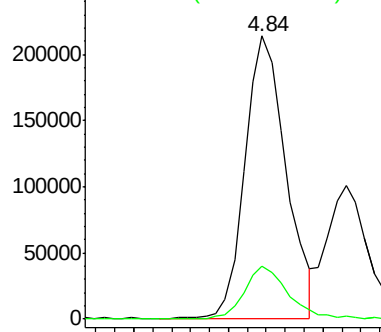


#25
2-Butanone
Concen: 248.13 ug/l
RT: 4.84 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion: 43 Resp: 642347
Ion Ratio Lower Upper
43 100
72 18.6 15.4 23.2

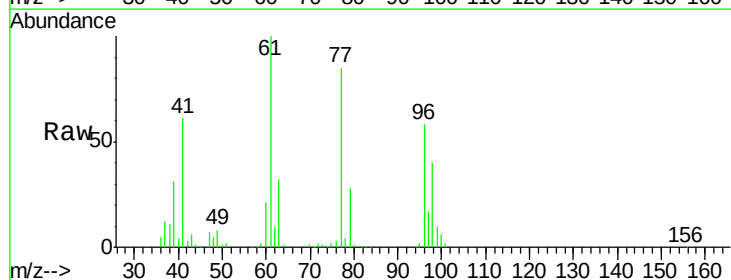


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

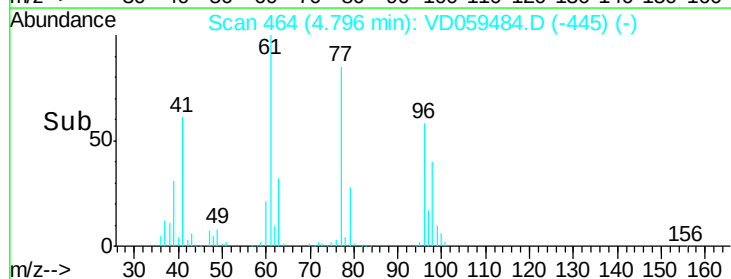
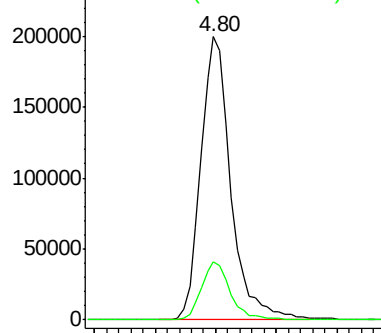


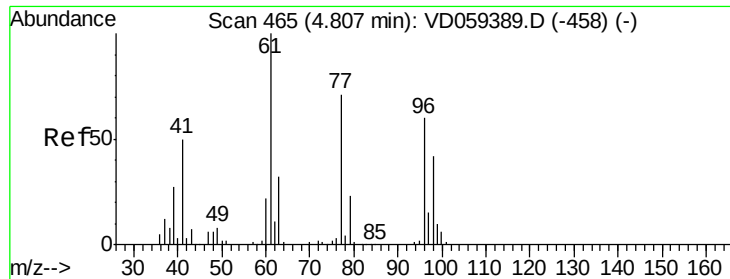
#26
2,2-Dichloropropane
Concen: 56.87 ug/l
RT: 4.80 min Scan# 464
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion: 77 Resp: 685612
Ion Ratio Lower Upper
77 100
97 20.3 10.7 32.1



Abundance Ion 76.95 (76.65 to 77.65): VDC
Ion 96.85 (96.55 to 97.55): VDC





#27

cis-1,2-Dichloroethene

Concen: 44.67 ug/l

RT: 4.81 min Scan# 465

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

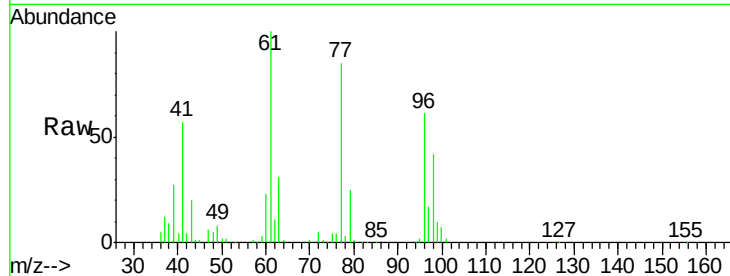
Tot Ion: 96 Resp: 418723

Ion Ratio Lower Upper

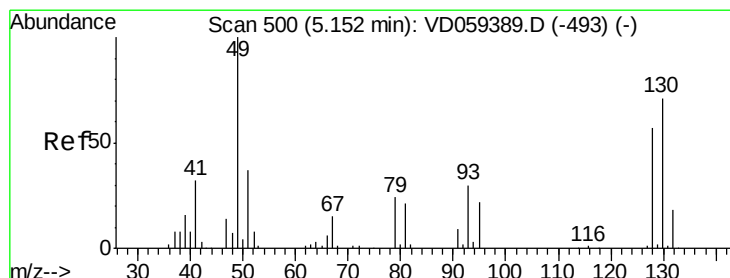
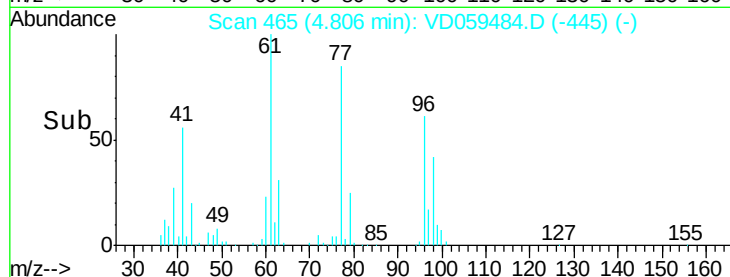
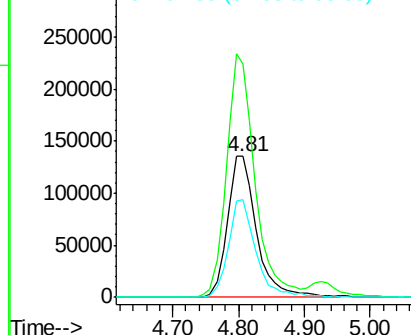
96 100

61 165.2 0.0 335.8

98 69.2 0.0 141.0



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: 48.82 ug/l

RT: 5.14 min Scan# 499

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

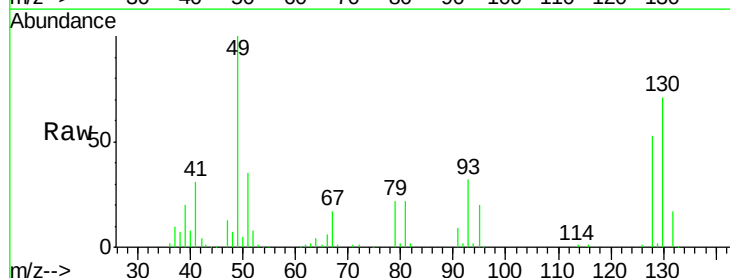
Tgt Ion: 49 Resp: 329067

Ion Ratio Lower Upper

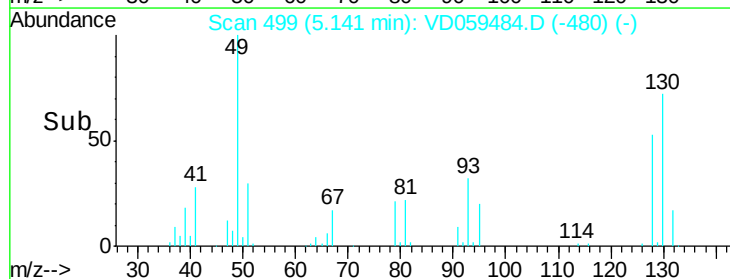
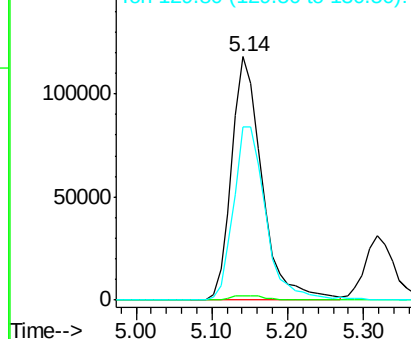
49 100

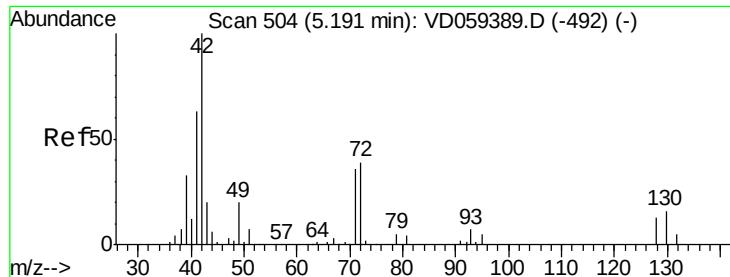
129 1.5 0.0 4.4

130 71.4 57.0 85.6



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





#29

Tetrahydrofuran

Concen: 218.62 ug/l

RT: 5.18 min Scan# 503

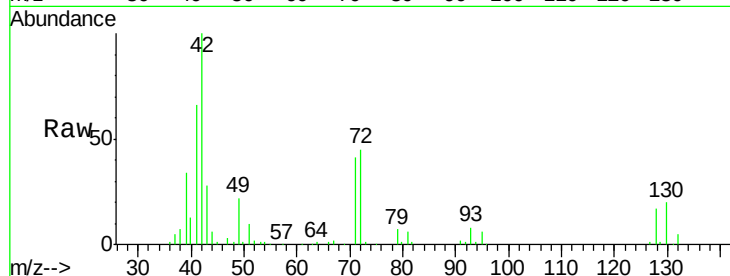
Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

Tot Ion: 42 Resp: 309557

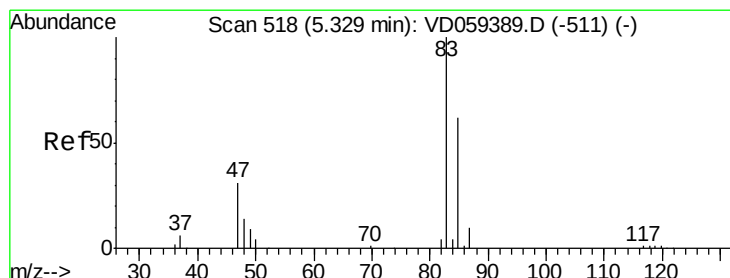
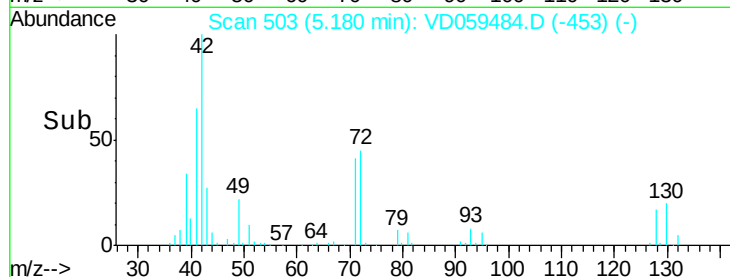
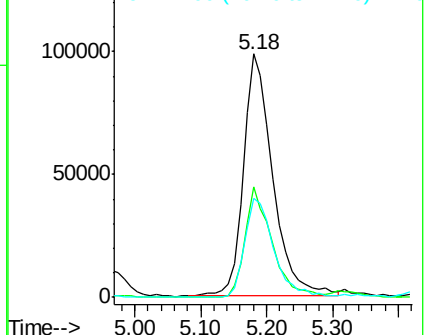
Ion	Ratio	Lower	Upper
42	100		
72	41.6	31.4	47.2
71	40.6	29.7	44.5



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: 49.40 ug/l

RT: 5.32 min Scan# 517

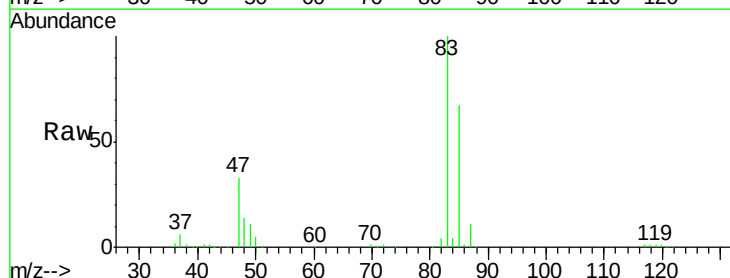
Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

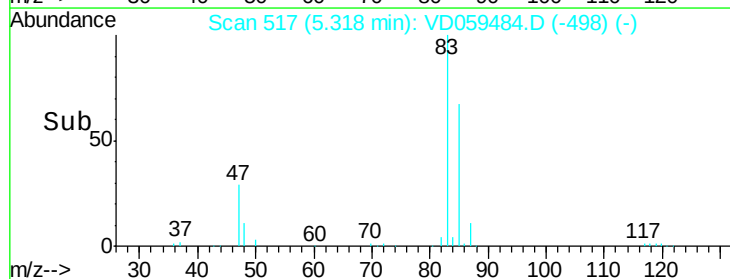
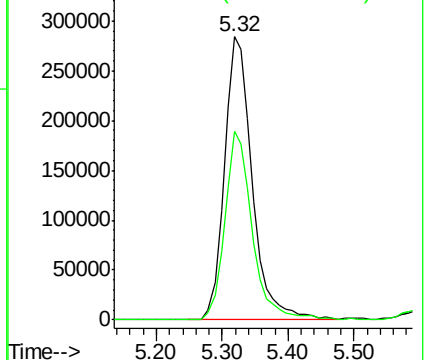
Tgt Ion: 83 Resp: 837068

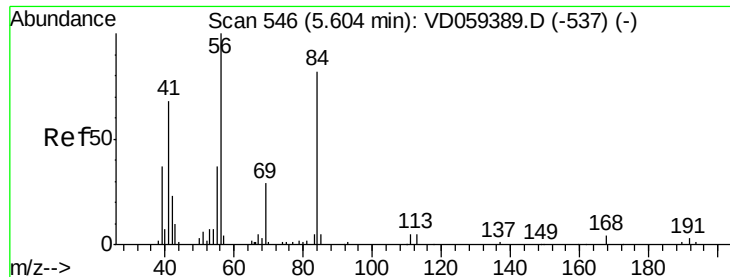
Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.3	73.9



Abundance Ion 82.95 (82.65 to 83.65): VDC

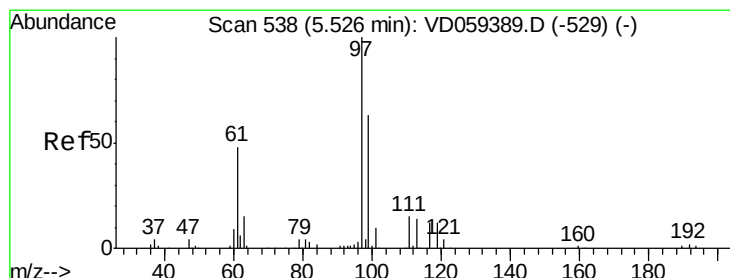
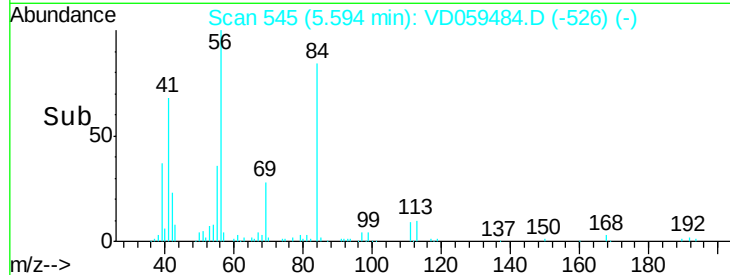
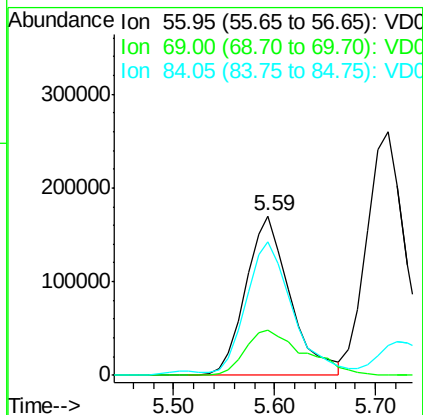
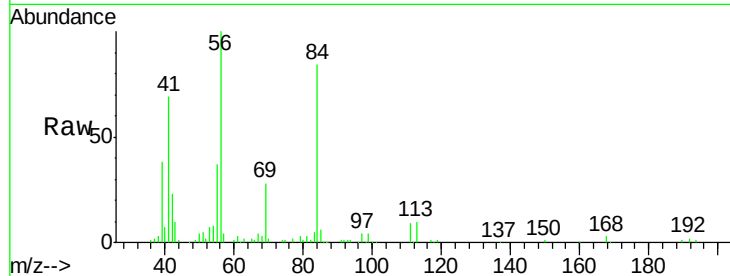
Ion 84.95 (84.65 to 85.65): VDC





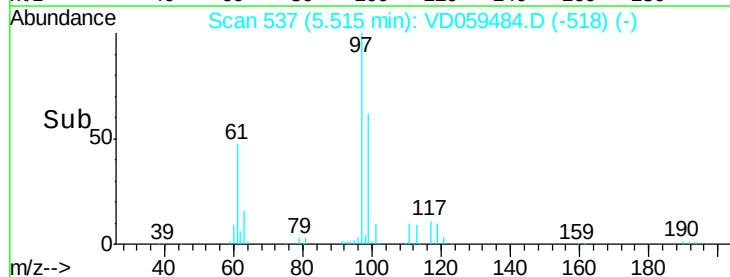
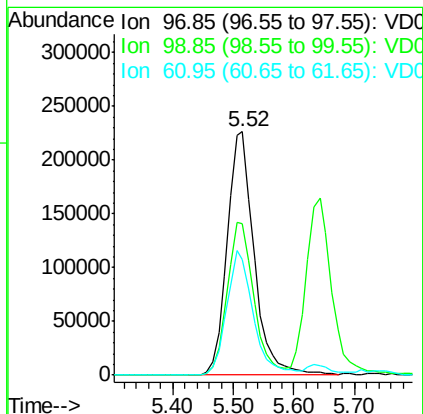
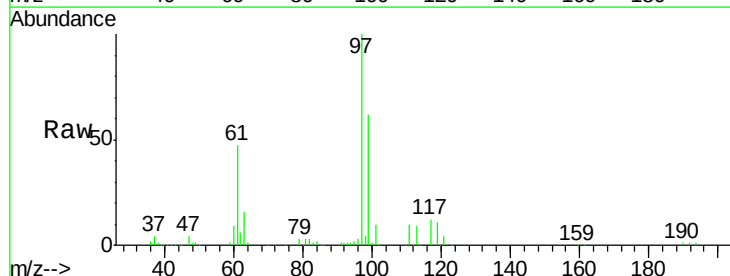
#31
Cyclohexane
Concen: 50.74 ug/l
RT: 5.59 min Scan# 545
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

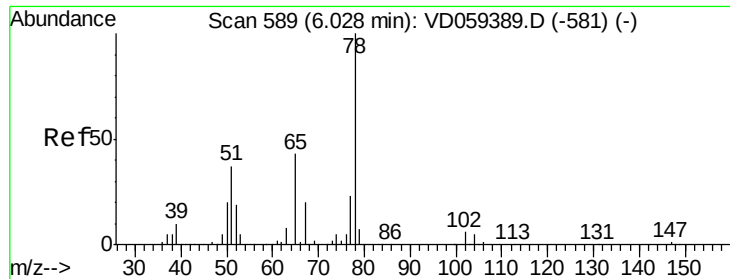
Tot Ion:	56	Resp:	519946
Ion	Ratio	Lower	Upper
56	100		
69	28.1	22.9	34.3
84	84.0	67.3	100.9



#32
1,1,1-Trichloroethane
Concen: 51.08 ug/l
RT: 5.52 min Scan# 537
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

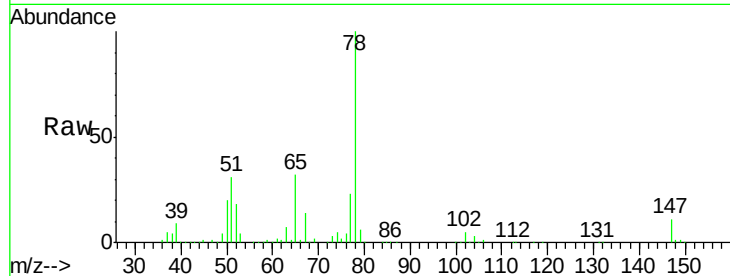
Tgt Ion:	97	Resp:	700858
Ion	Ratio	Lower	Upper
97	100		
99	62.0	50.2	75.4
61	47.2	38.6	57.8



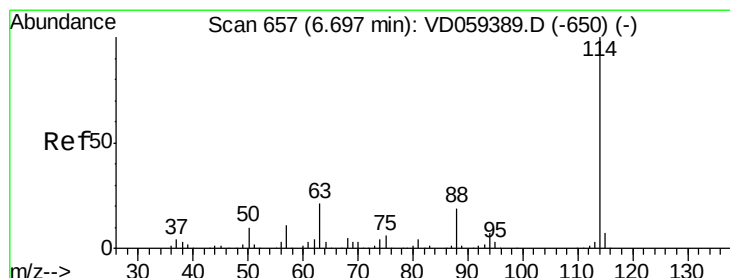
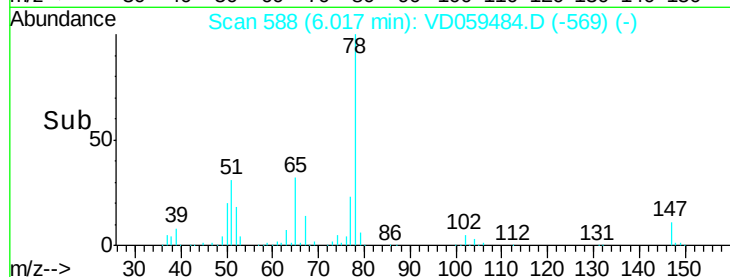
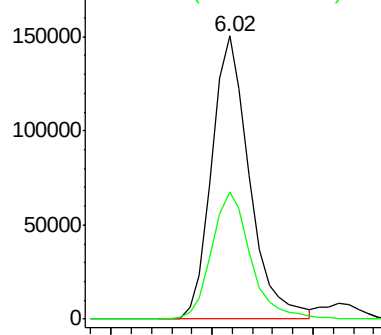


#33
 1,2-Dichloroethane-d4
 Concen: 51.08 ug/l
 RT: 6.02 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tot Ion: 65 Resp: 392105
 Ion Ratio Lower Upper
 65 100
 67 45.1 0.0 93.8

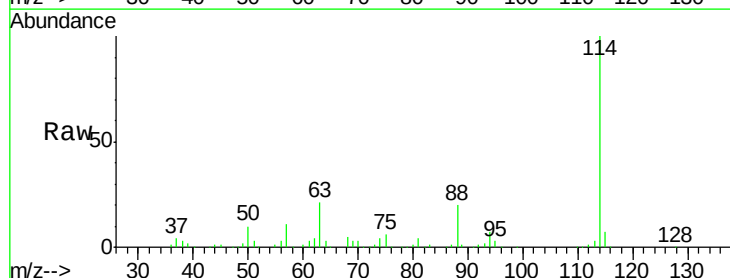


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

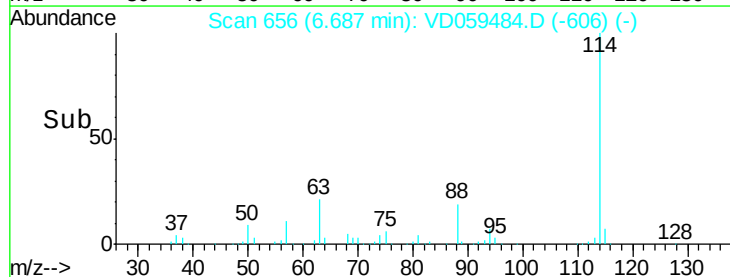
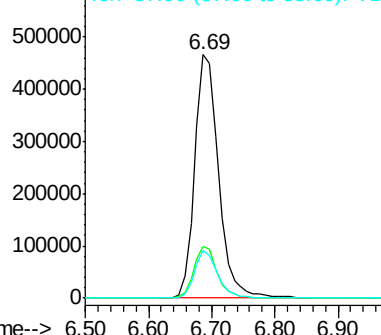


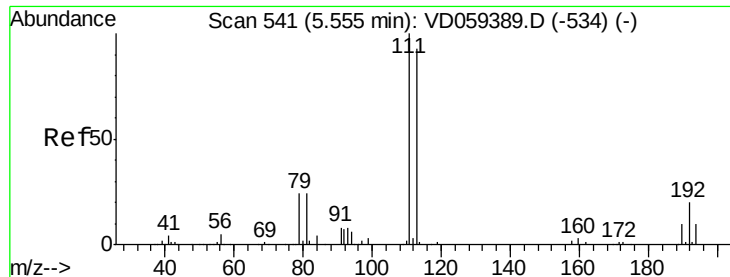
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tgt Ion: 114 Resp: 1221459
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.4
 88 19.6 0.0 38.0



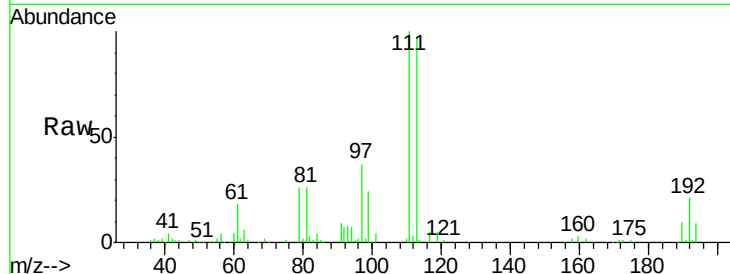
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC



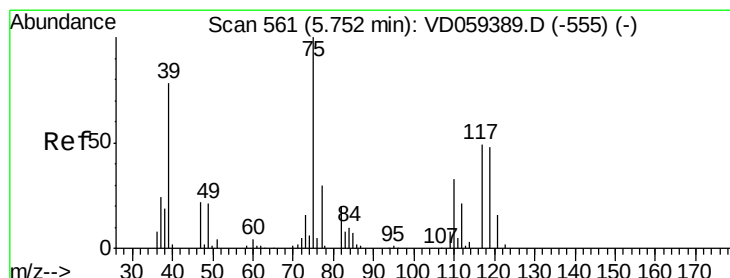
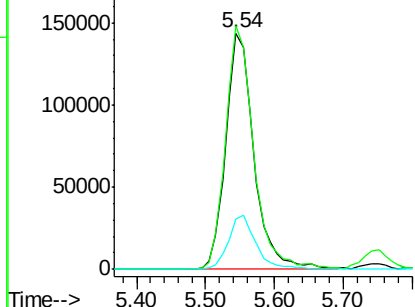
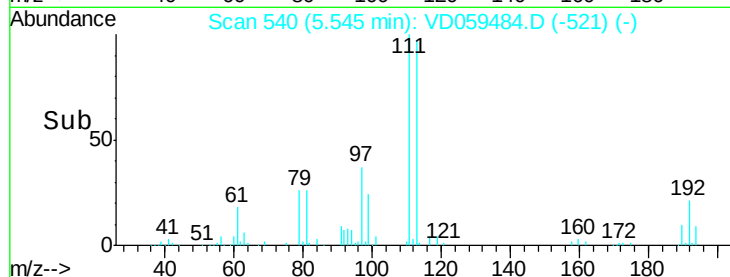


#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	85.7	128.5
192	21.1	16.9	25.3

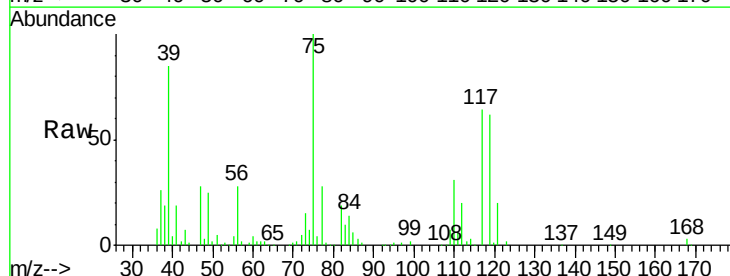


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

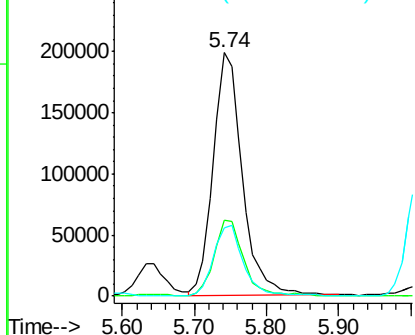
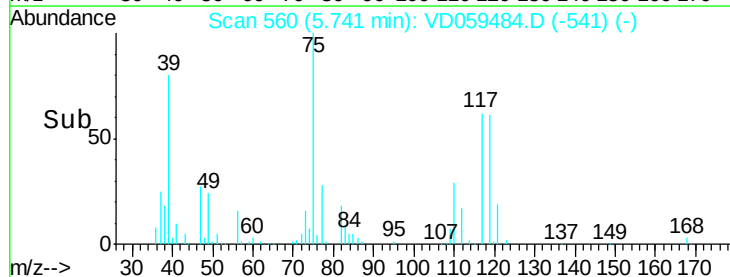


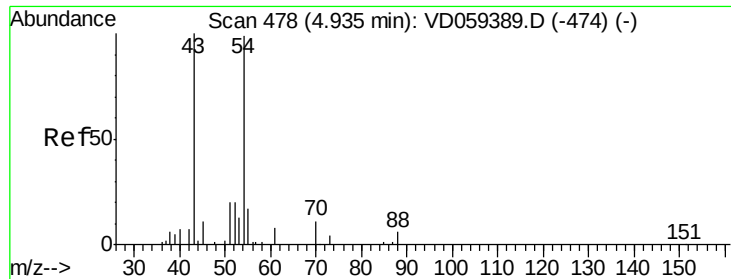
#36
 1,1-Dichloropropene
 Concen: 49.71 ug/l
 RT: 5.74 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.1	16.1	48.2
77	28.3	23.4	35.2



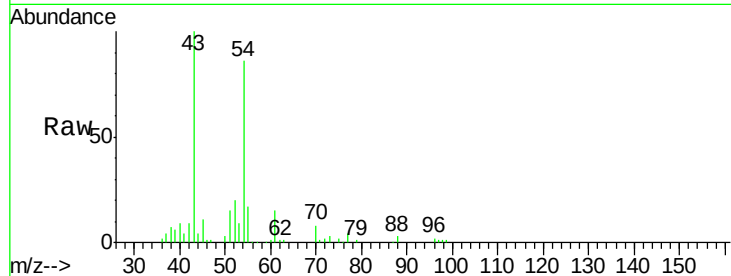
Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC



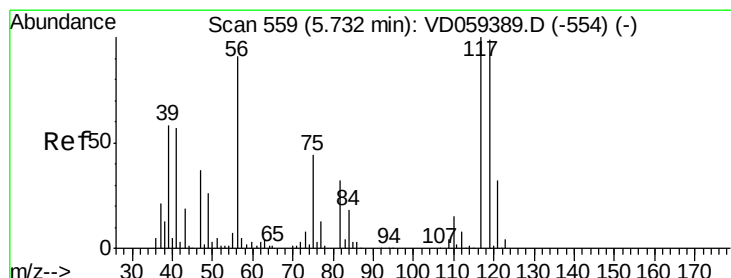
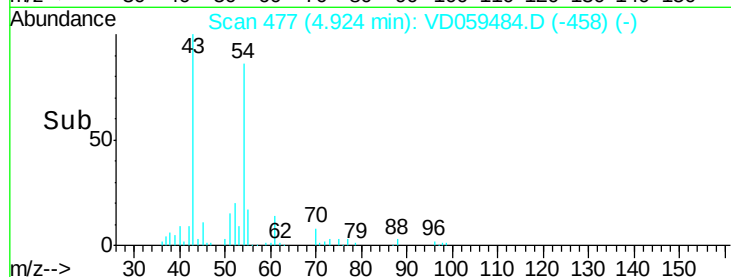
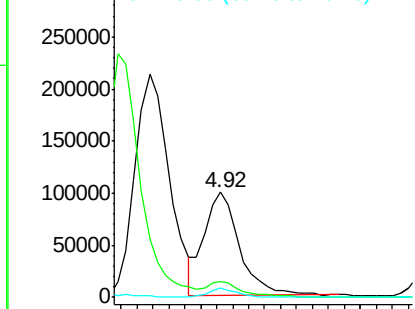


#37
Ethyl Acetate
Concen: 45.67 ug/l
RT: 4.92 min Scan# 477
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion: 43 Resp: 308162
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.8
70 8.4 6.1 9.1

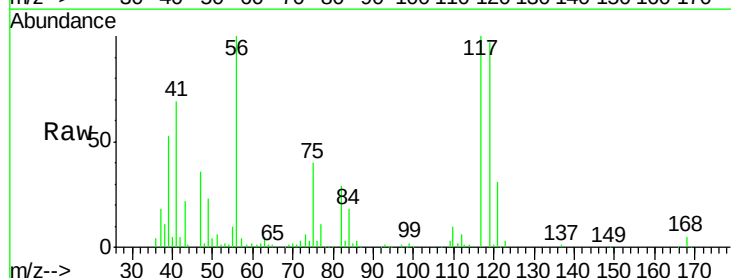


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

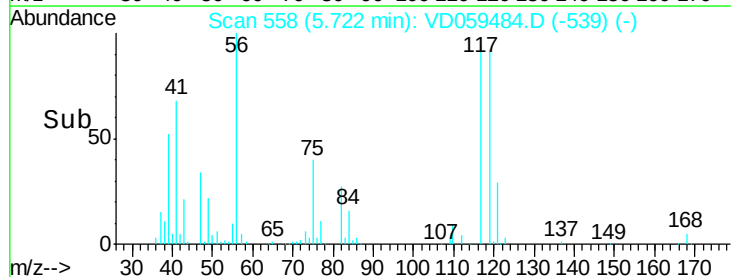
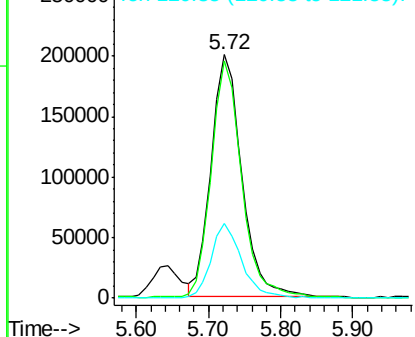


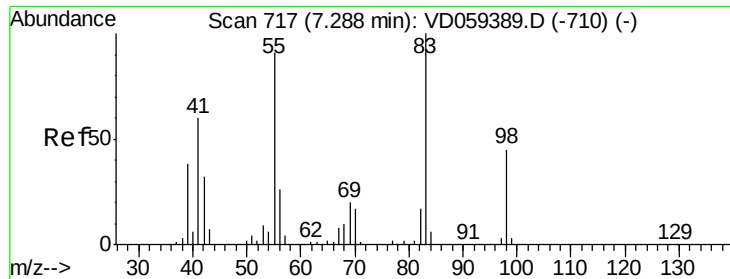
#38
Carbon Tetrachloride
Concen: 51.71 ug/l
RT: 5.72 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion: 117 Resp: 590780
Ion Ratio Lower Upper
117 100
119 97.3 76.6 115.0
121 30.8 25.0 37.4



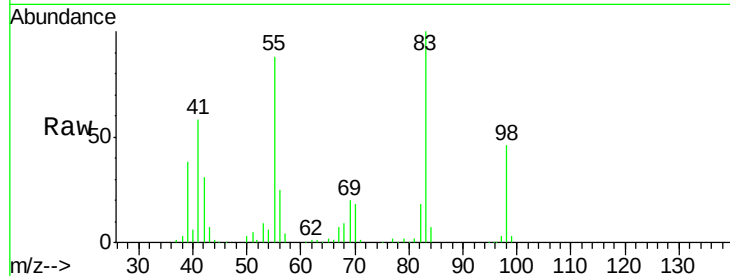
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



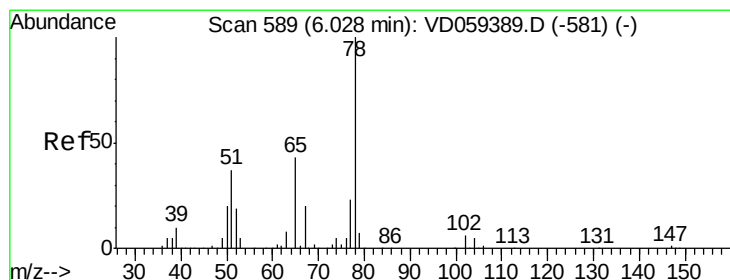
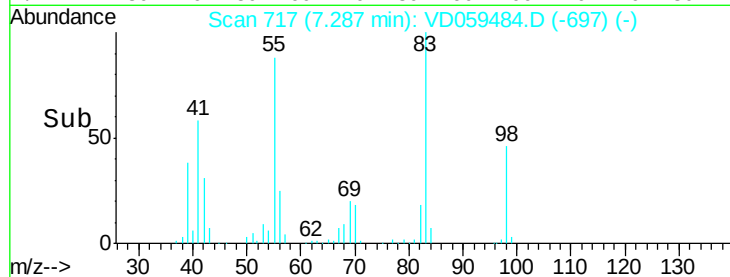
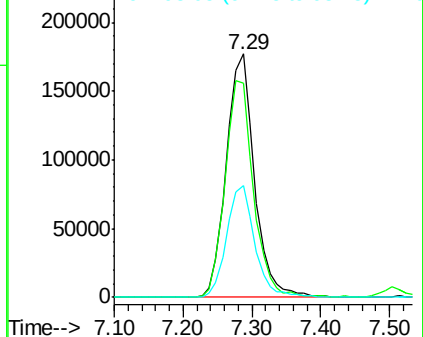


#39
Methylvlcyclohexane
Concen: 47.70 ug/l
RT: 7.29 min Scan# 717
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion: 83 Resp: 501253
Ion Ratio Lower Upper
83 100
55 88.2 72.6 109.0
98 46.1 35.8 53.6

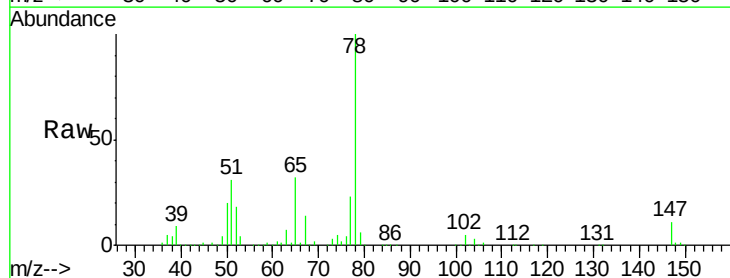


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

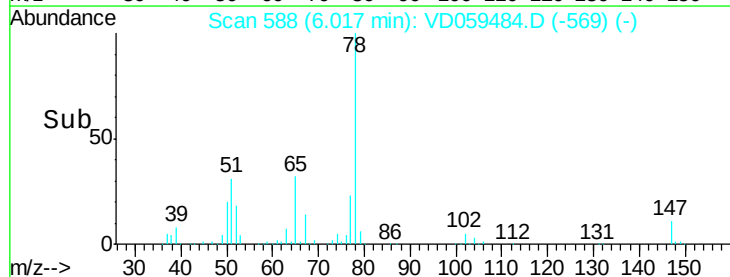
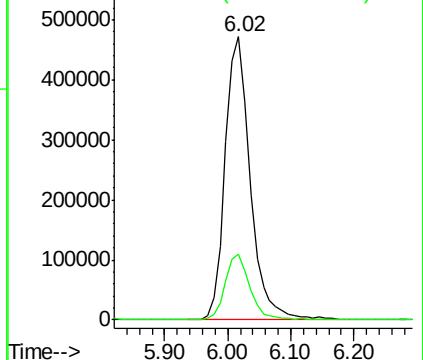


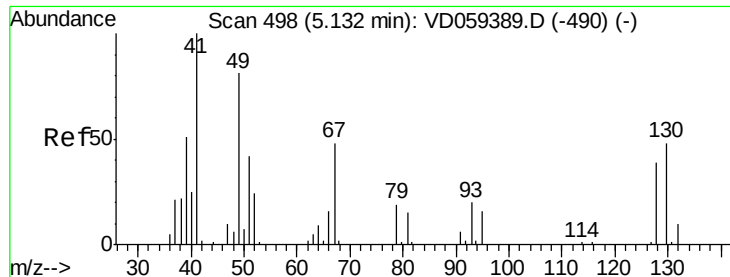
#40
Benzene
Concen: 48.97 ug/l
RT: 6.02 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion: 78 Resp: 1302074
Ion Ratio Lower Upper
78 100
77 23.2 18.1 27.1



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





#41

Methacrylonitrile

Concen: 48.52 ug/l

RT: 5.13 min Scan# 498

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

Tot Ion: 41 Resp: 157711

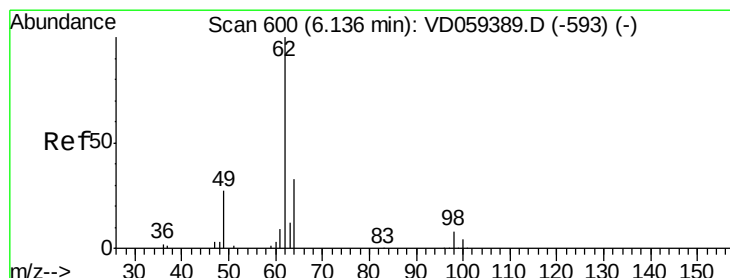
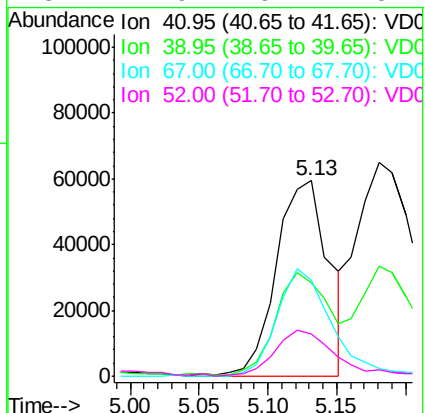
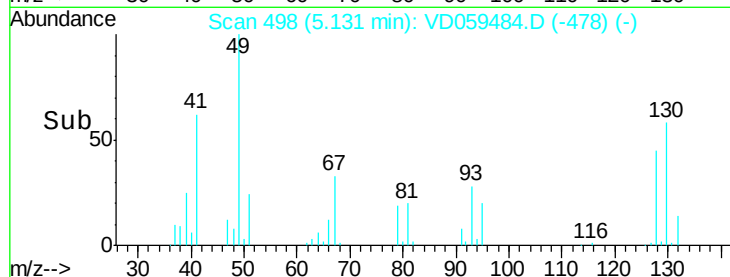
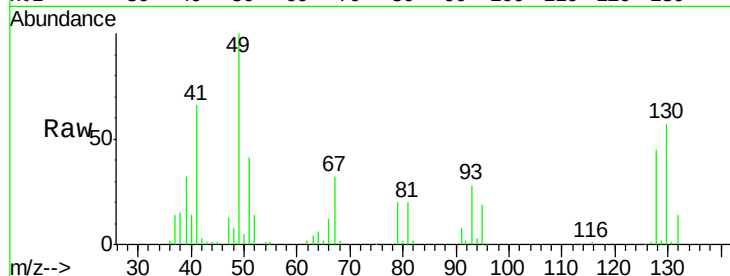
Ion	Ratio	Lower	Upper
41	100		
39	47.8	41.5	62.3
67	49.0	38.7	58.1
52	21.9	19.4	29.2

41 100

39 47.8 41.5 62.3

67 49.0 38.7 58.1

52 21.9 19.4 29.2



#42

1,2-Dichloroethane

Concen: 48.05 ug/l

RT: 6.13 min Scan# 599

Delta R.T. -0.01 min

Lab File: VD059484.D

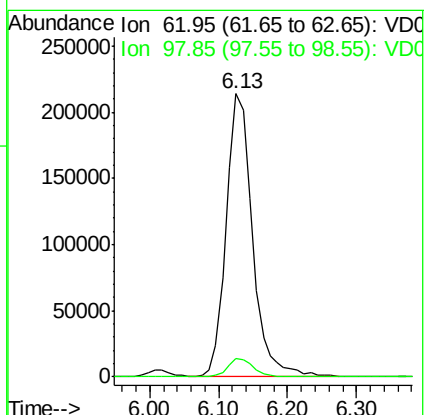
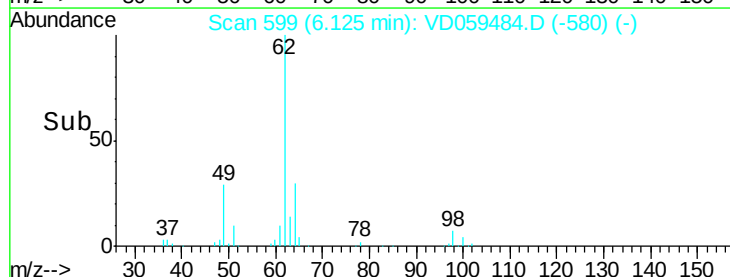
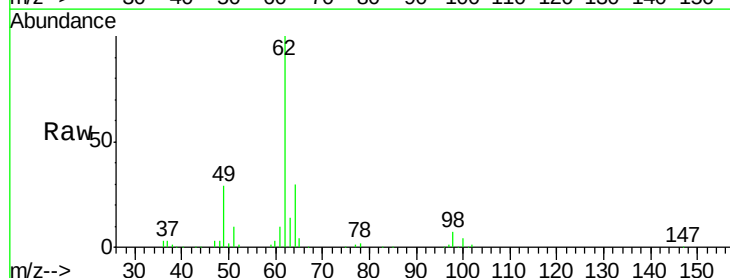
Acq: 29 Jun 2018 11:13

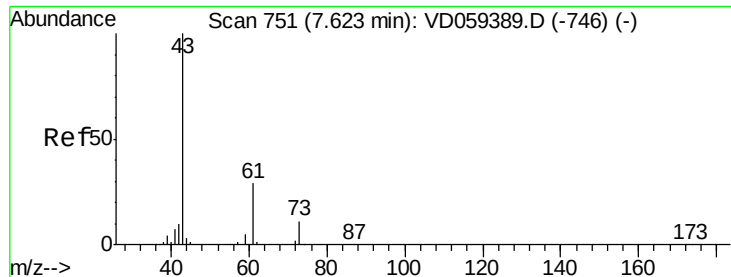
Tgt Ion: 62 Resp: 564565

Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	15.8

62 100

98 6.6 0.0 15.8





#43

Isopropyl Acetate

Concen: 49.26 ug/l

RT: 7.61 min Scan# 750

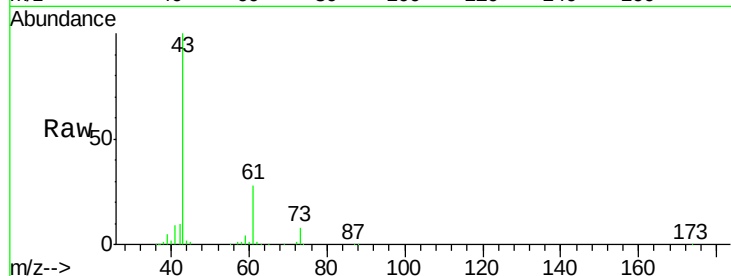
Delta R.T. -0.01 min

Lab File: VD059484.D

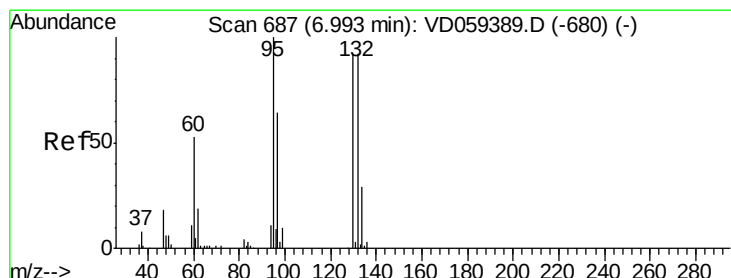
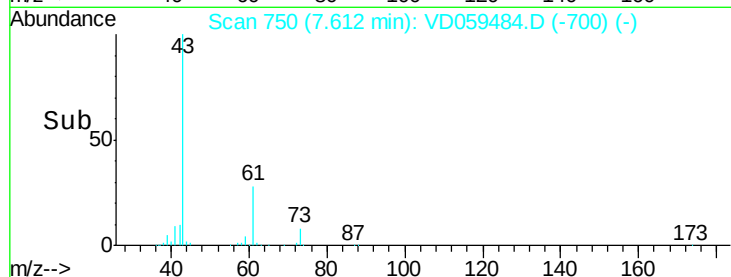
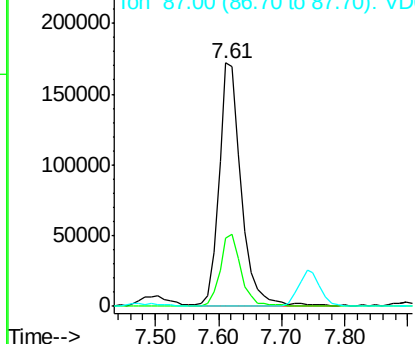
Acq: 29 Jun 2018 11:13

Tot Ion: 43 Resp: 417411

Ion	Ratio	Lower	Upper
43	100		
61	27.9	23.1	34.7
87	0.3	0.2	0.4



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



#44

Trichloroethene

Concen: 47.80 ug/l

RT: 6.98 min Scan# 686

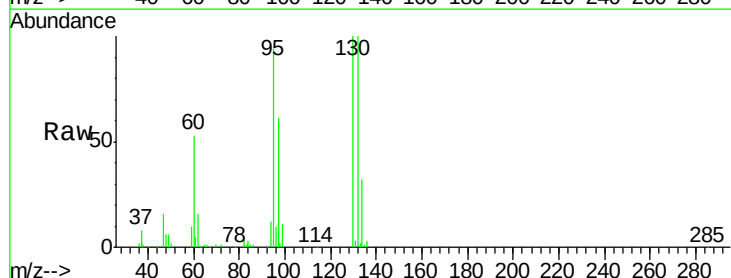
Delta R.T. -0.01 min

Lab File: VD059484.D

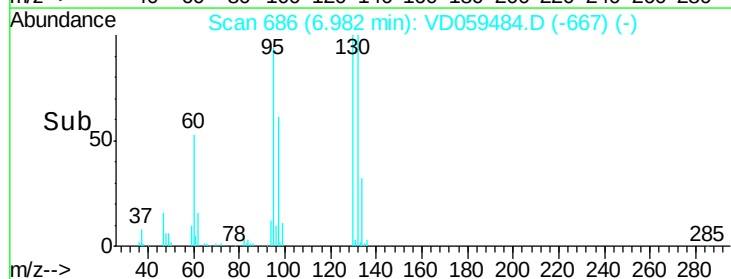
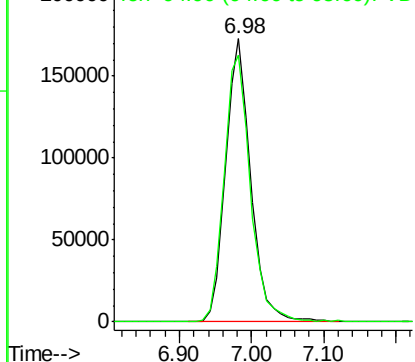
Acq: 29 Jun 2018 11:13

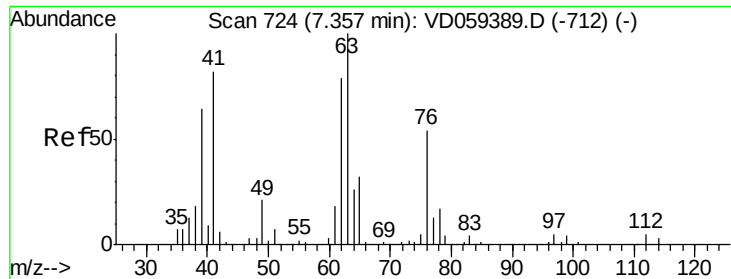
Tgt Ion: 130 Resp: 416180

Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	216.4



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





#45

1,2-Dichloropropane

Concen: 50.04 ug/l

RT: 7.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: VD059484.D

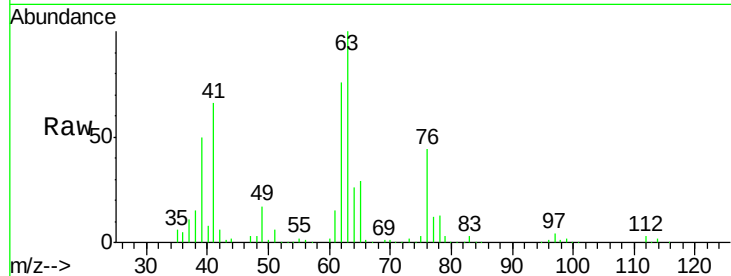
Acq: 29 Jun 2018 11:13

Tot Ion: 63 Resp: 368510

Ion Ratio Lower Upper

63 100

65 29.4 25.7 38.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

200000

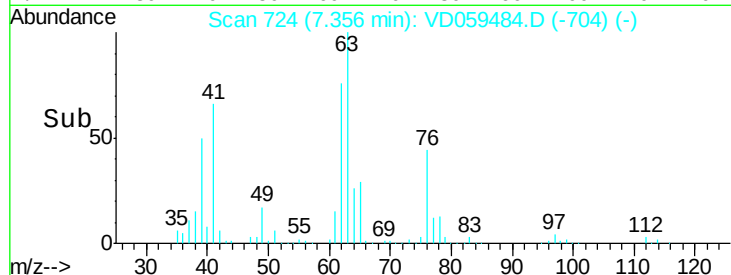
150000

100000

50000

0

Time-->



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

200000

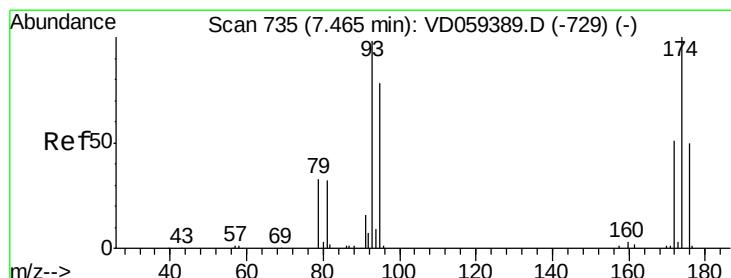
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.63 ug/l

RT: 7.46 min Scan# 735

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

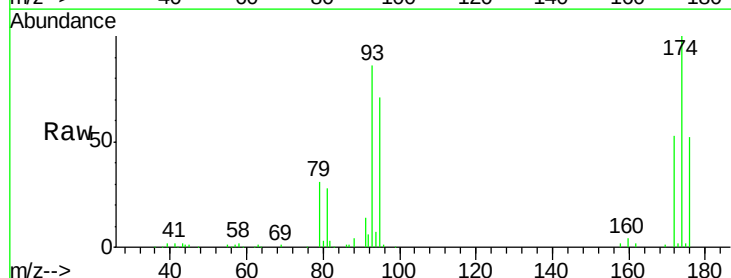
Tgt Ion: 93 Resp: 262871

Ion Ratio Lower Upper

93 100

95 82.7 63.4 95.0

174 116.1 81.4 122.2



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

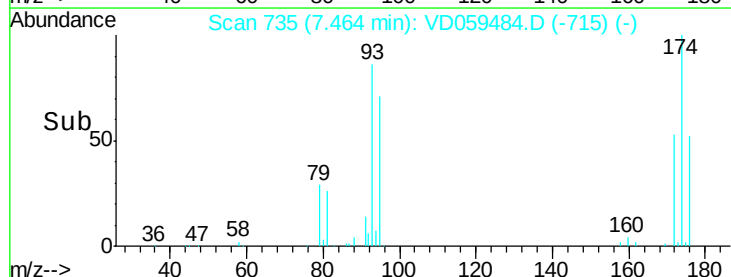
150000

100000

50000

0

Time-->



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

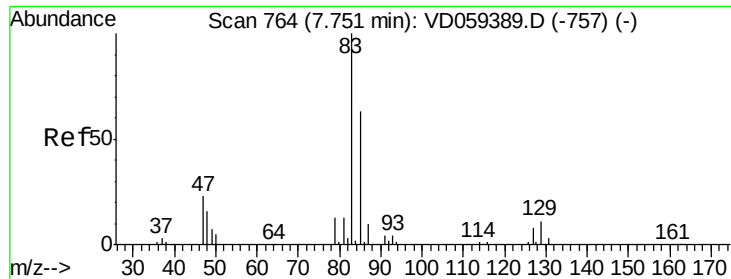
150000

100000

50000

0

Time-->



#47

Bromodichloromethane

Concen: 52.09 ug/l

RT: 7.74 min Scan# 763

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

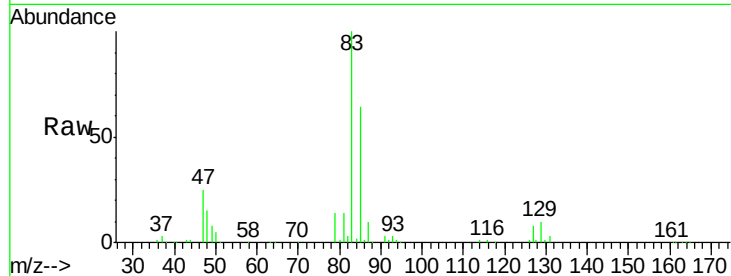
Tot Ion: 83 Resp: 617257

Ion Ratio Lower Upper

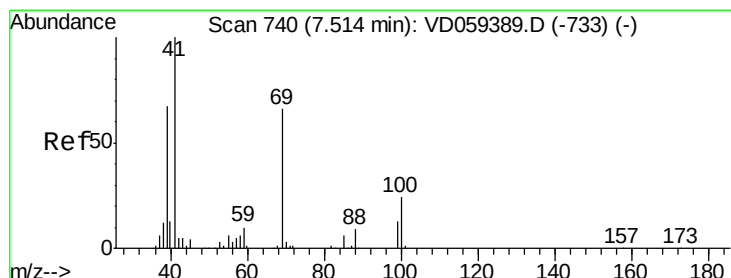
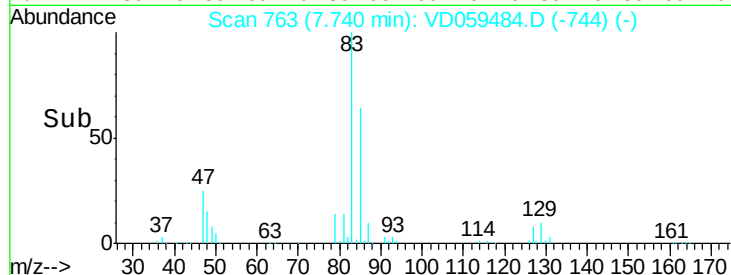
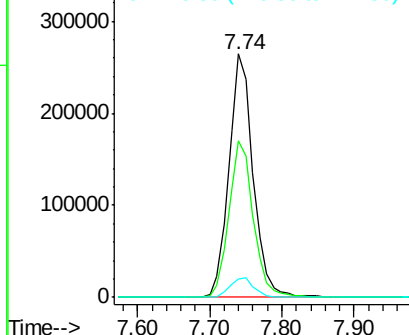
83 100

85 64.1 50.1 75.1

127 7.7 6.1 9.1



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: 50.71 ug/l

RT: 7.50 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

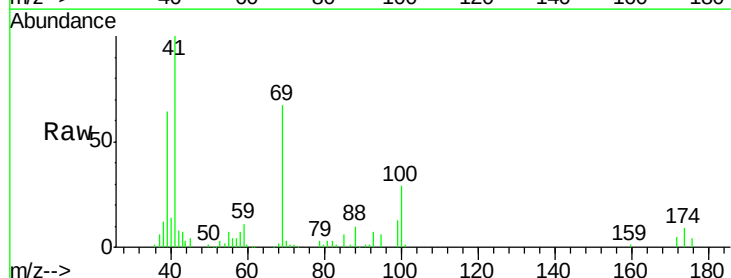
Tgt Ion: 41 Resp: 261785

Ion Ratio Lower Upper

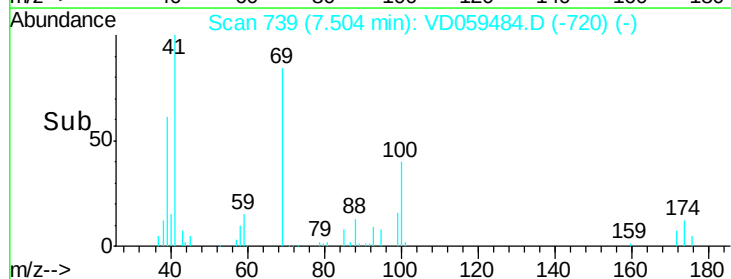
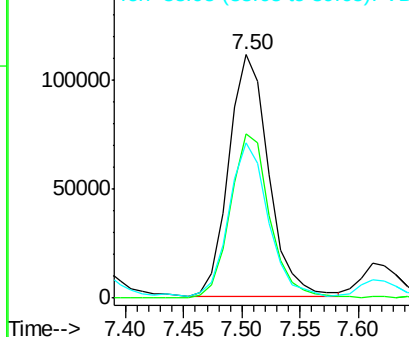
41 100

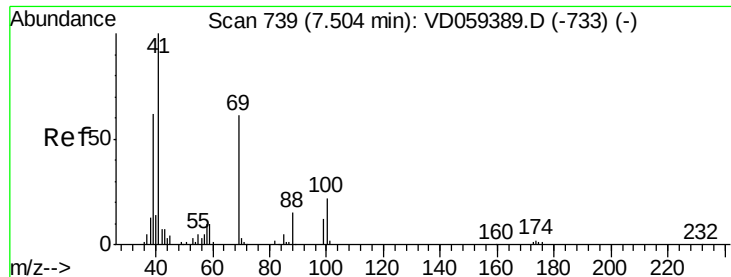
69 67.5 52.6 79.0

39 63.9 53.6 80.4



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: 986.89 ug/l

RT: 7.49 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

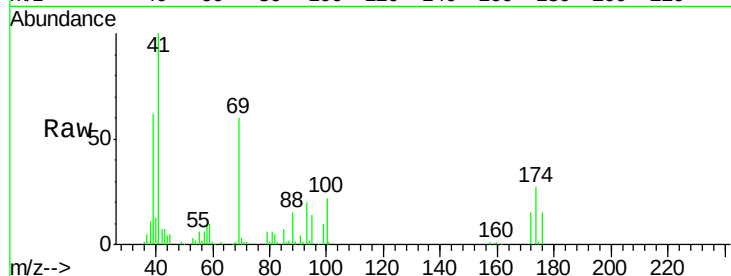
Tot Ion: 88 Resp: 51099

Ion Ratio Lower Upper

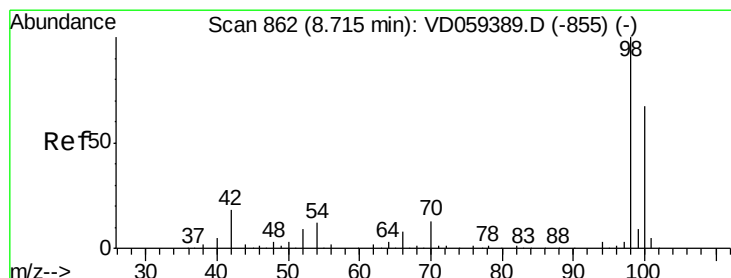
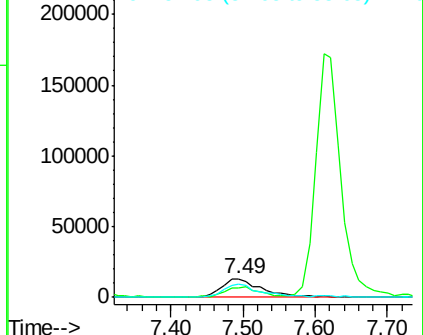
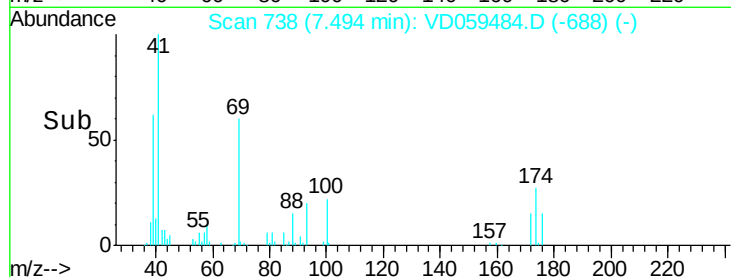
88 100

43 47.7 41.0 61.4

58 68.2 53.4 80.0



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: 986.89 ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD059484.D

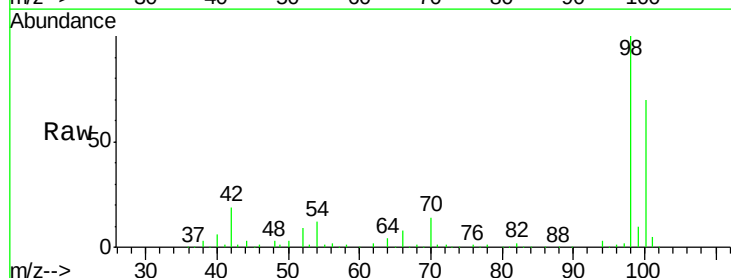
Acq: 29 Jun 2018 11:13

Tgt Ion: 98 Resp: 865895

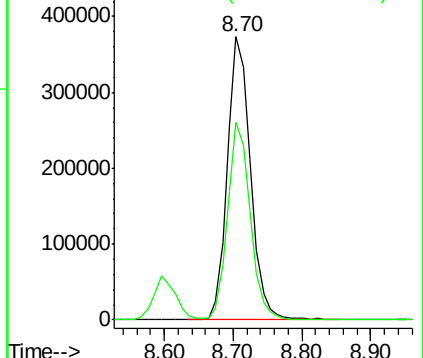
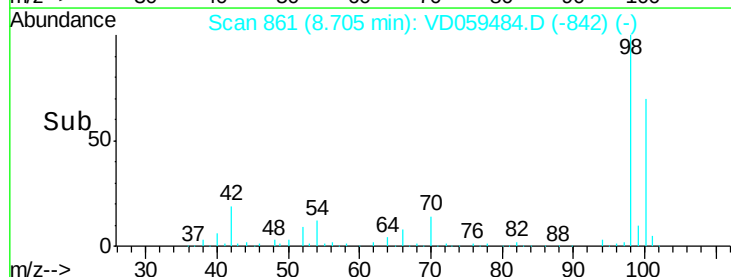
Ion Ratio Lower Upper

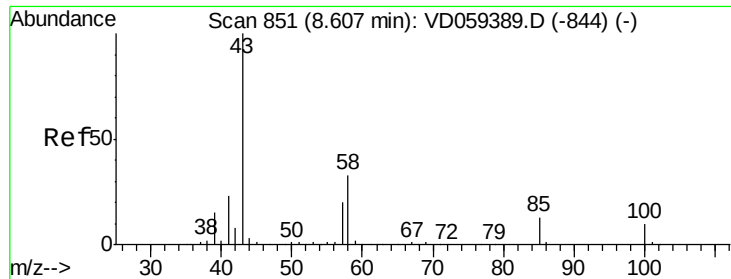
98 100

100 69.8 54.4 81.6



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: 235.31 ug/l

RT: 8.60 min Scan# 850

Delta R.T. -0.01 min

Lab File: VD059484.D

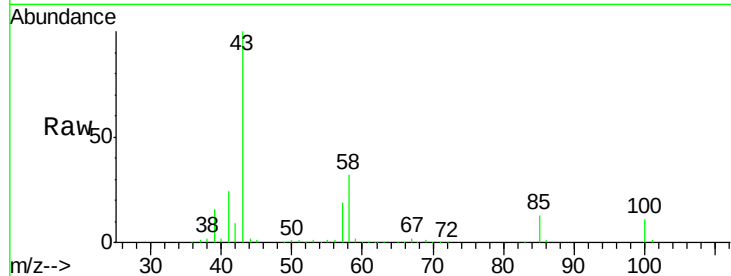
Acq: 29 Jun 2018 11:13

Tot Ion: 43 Resp: 1328765

Ion Ratio Lower Upper

43 100

58 31.7 26.3 39.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8.60

600000

500000

400000

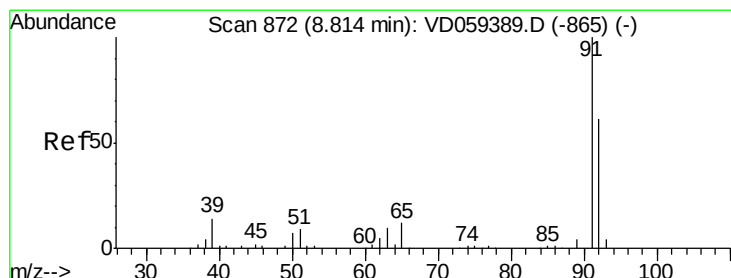
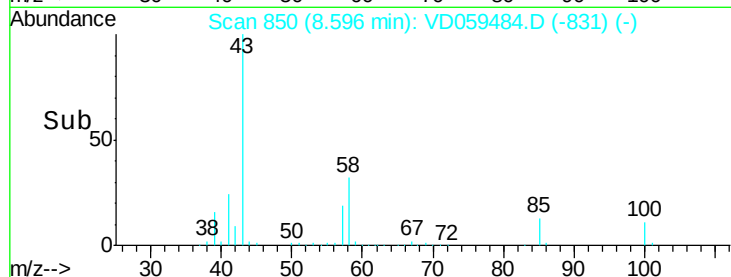
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 46.18 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.01 min

Lab File: VD059484.D

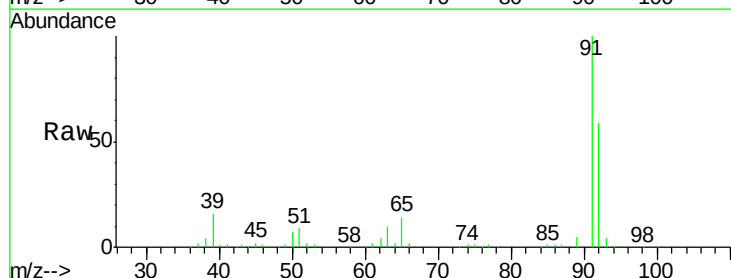
Acq: 29 Jun 2018 11:13

Tgt Ion: 92 Resp: 733321

Ion Ratio Lower Upper

92 100

91 168.3 132.2 198.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

8.80

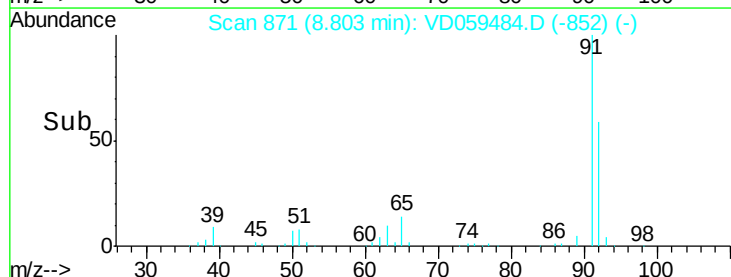
600000

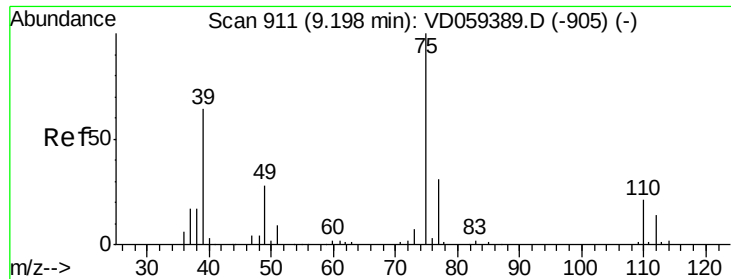
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.16 ug/l

RT: 9.19 min Scan# 910

Delta R.T. -0.01 min

Lab File: VD059484.D

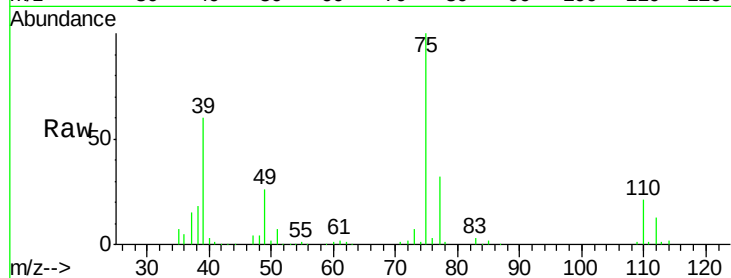
Acq: 29 Jun 2018 11:13

Tot Ion: 75 Resp: 516523

Ion Ratio Lower Upper

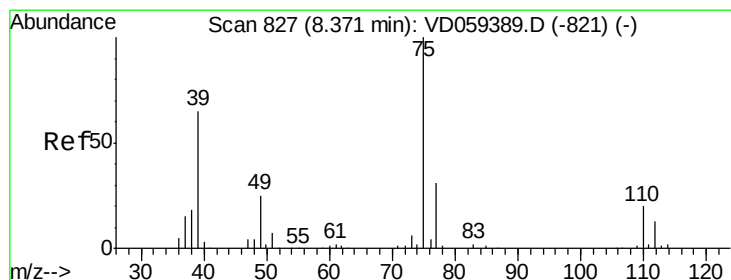
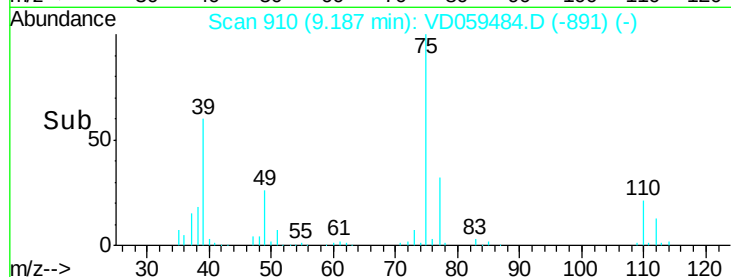
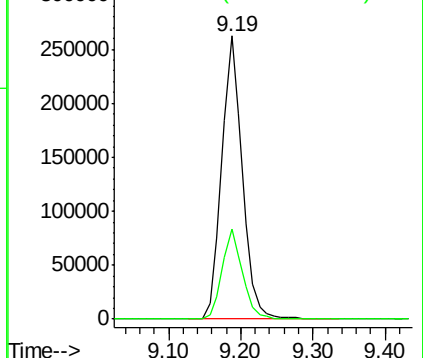
75 100

77 31.8 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 52.69 ug/l

RT: 8.36 min Scan# 826

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

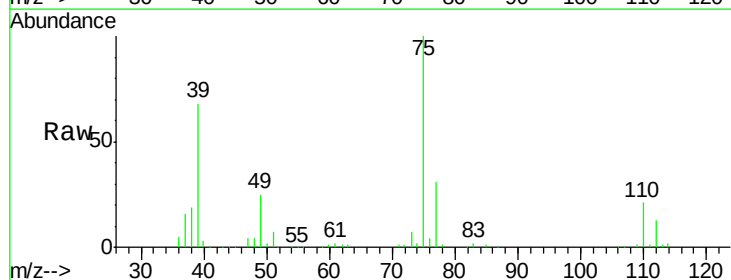
Tgt Ion: 75 Resp: 604173

Ion Ratio Lower Upper

75 100

77 31.0 24.7 37.1

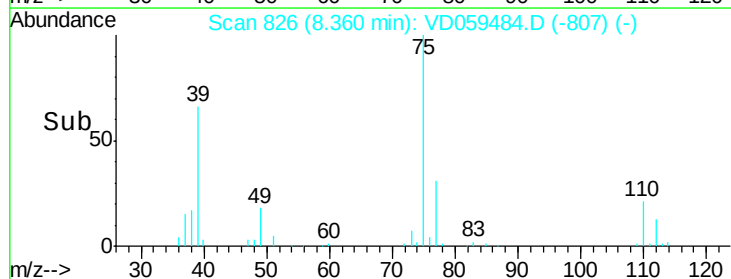
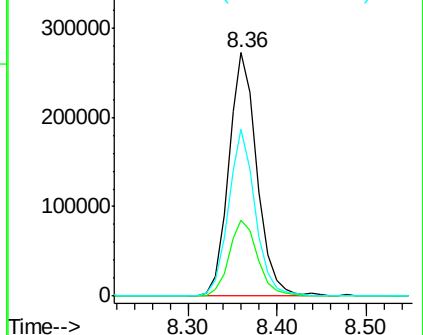
39 68.4 52.2 78.4

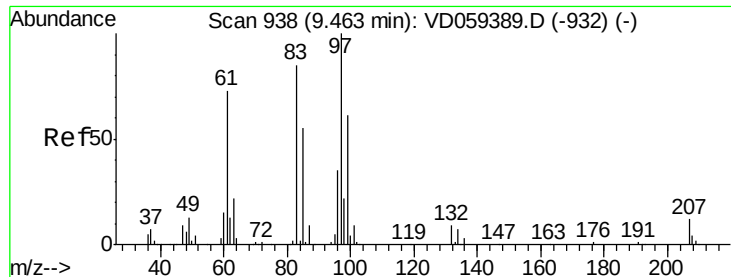


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC





#55

1,1,2-Trichloroethane

Concen: 48.14 ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

Tot Ion: 97 Resp: 277544

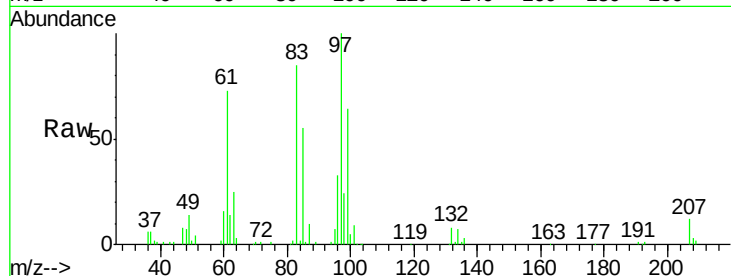
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.7	101.5
85	55.1	44.3	66.5
99	63.5	48.6	73.0

97 100

83 85.4 67.7 101.5

85 55.1 44.3 66.5

99 63.5 48.6 73.0



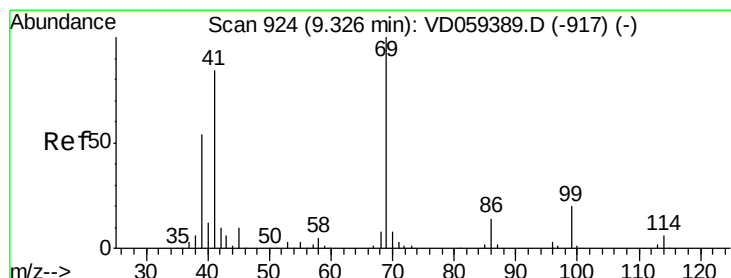
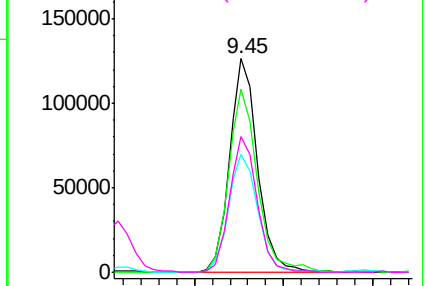
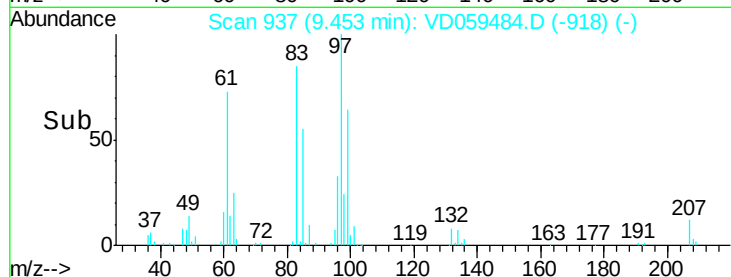
Abundance

Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 50.08 ug/l

RT: 9.31 min Scan# 923

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

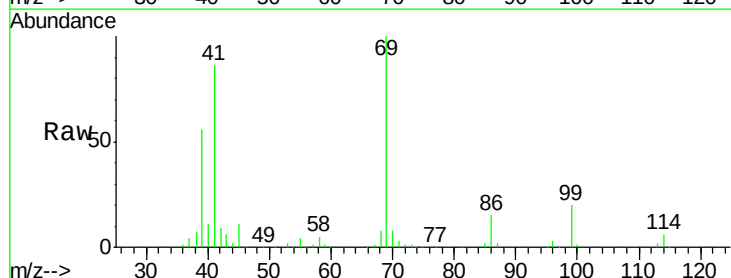
Tgt Ion: 69 Resp: 329490

Ion	Ratio	Lower	Upper
69	100		
41	86.0	67.4	101.0
39	55.5	43.7	65.5

69 100

41 86.0 67.4 101.0

39 55.5 43.7 65.5

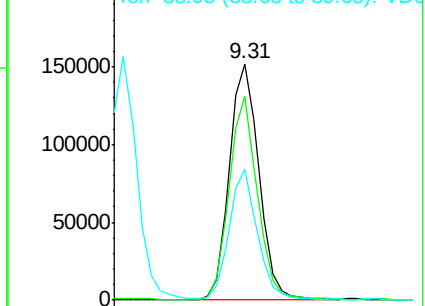
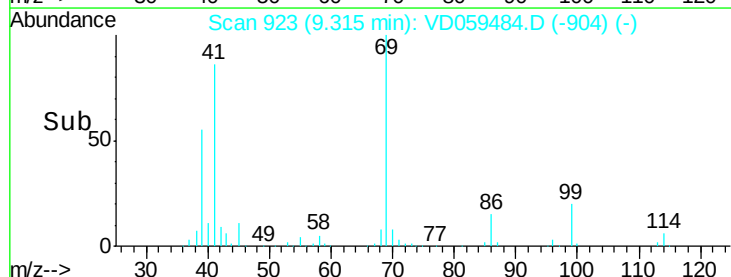


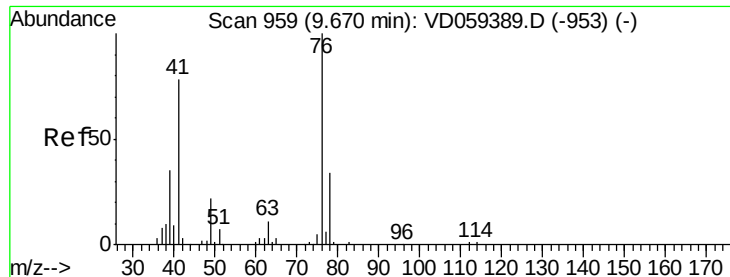
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 49.93 ug/l

RT: 9.67 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD059484.D

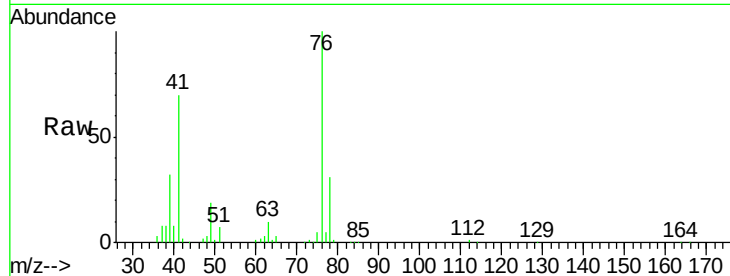
Acq: 29 Jun 2018 11:13

Tot Ion: 76 Resp: 470827

Ion Ratio Lower Upper

76 100

78 30.8 26.8 40.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

9.67

200000

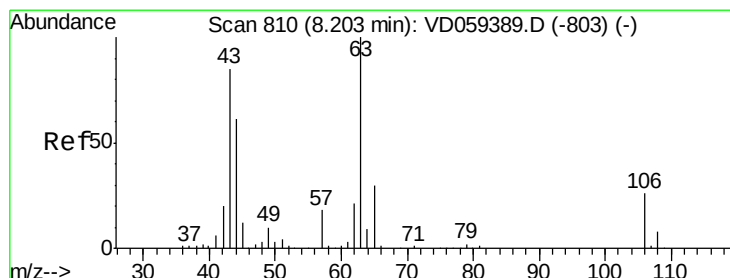
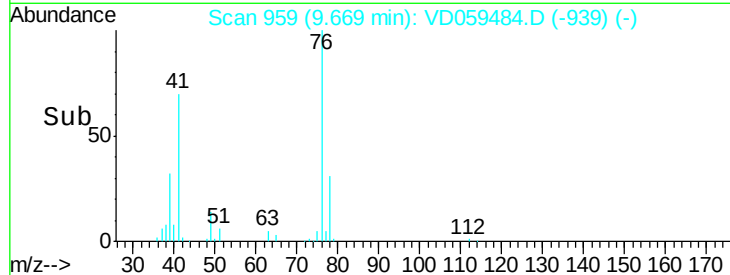
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 229.99 ug/l

RT: 8.19 min Scan# 809

Delta R.T. -0.01 min

Lab File: VD059484.D

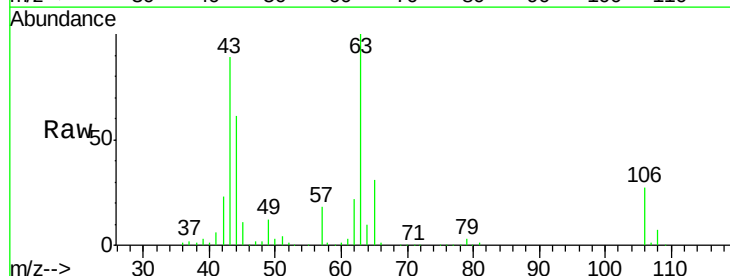
Acq: 29 Jun 2018 11:13

Tgt Ion: 63 Resp: 778957

Ion Ratio Lower Upper

63 100

106 26.6 20.6 31.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

8.19

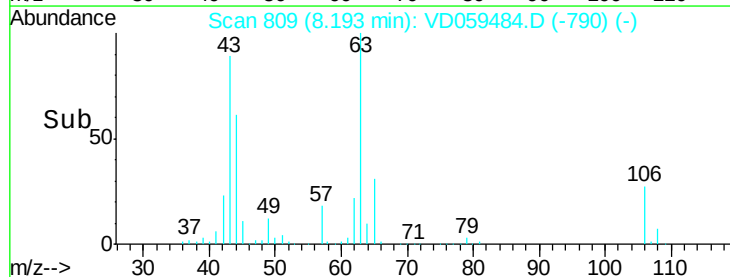
300000

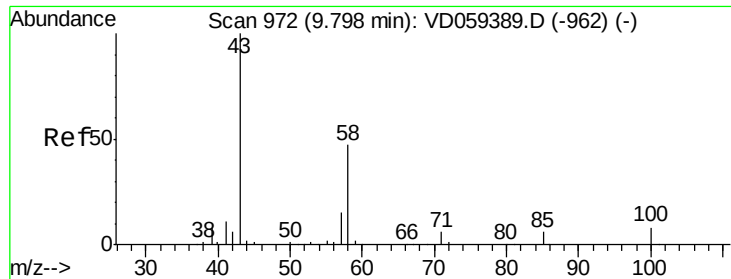
200000

100000

0

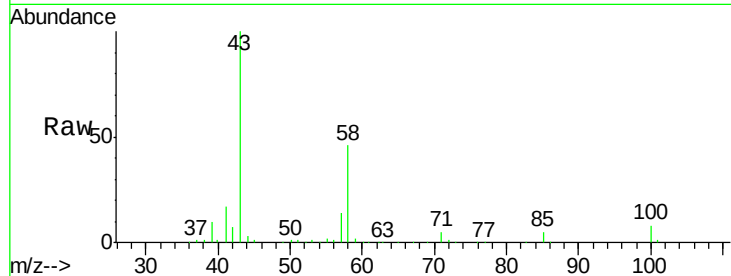
Time-->



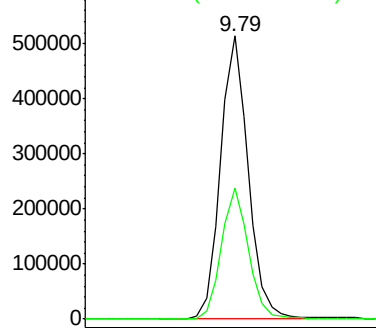


#59
2-Hexanone
Concen: 260.02 ug/l
RT: 9.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

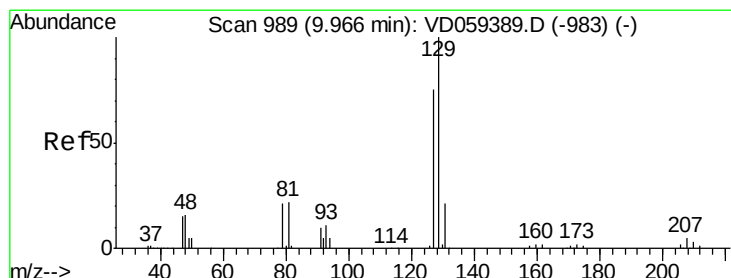
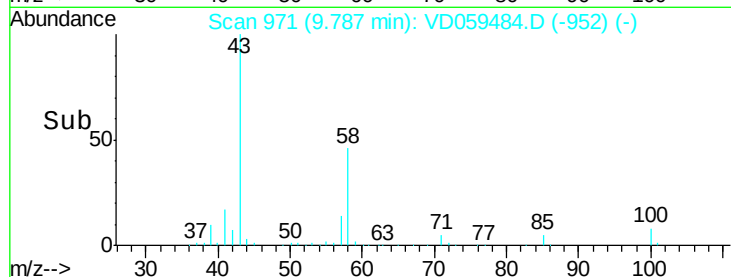
Tot Ion: 43 Resp: 1043542
Ion Ratio Lower Upper
43 100
58 46.3 23.3 69.9



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

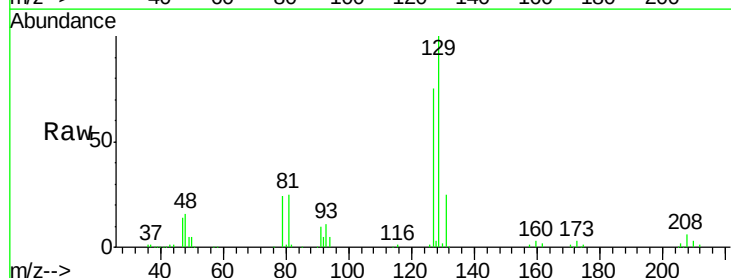


Time-->

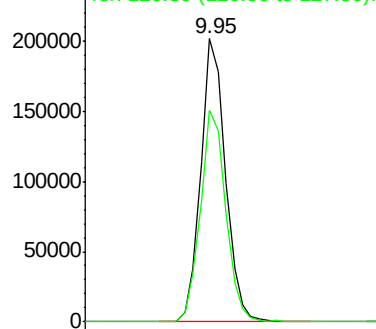


#60
Dibromochloromethane
Concen: 50.90 ug/l
RT: 9.95 min Scan# 988
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

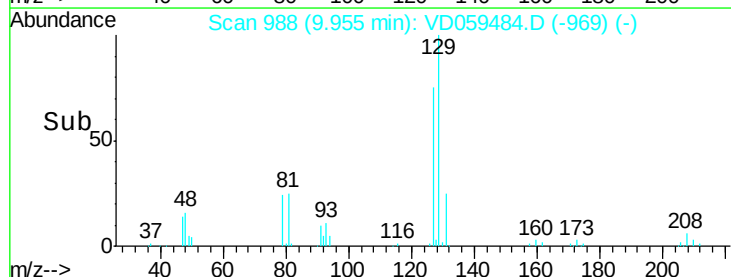
Tgt Ion: 129 Resp: 410998
Ion Ratio Lower Upper
129 100
127 74.6 37.3 111.8

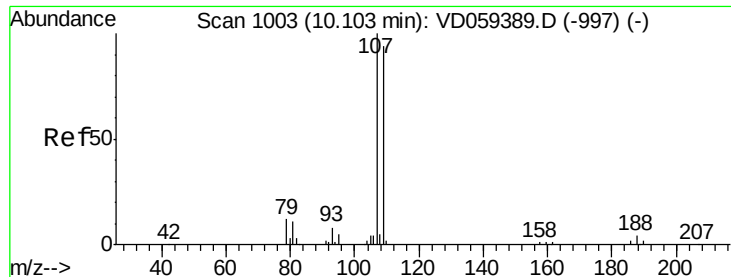


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



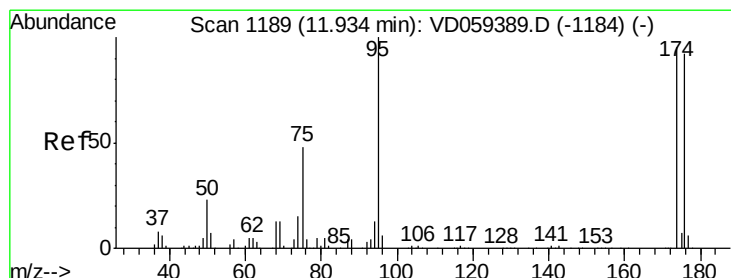
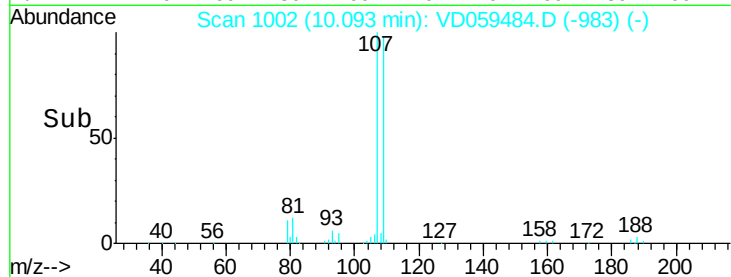
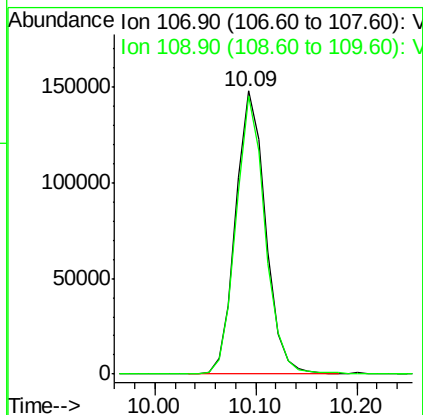
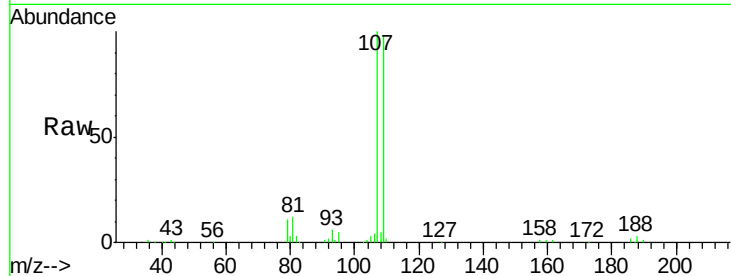
Time-->





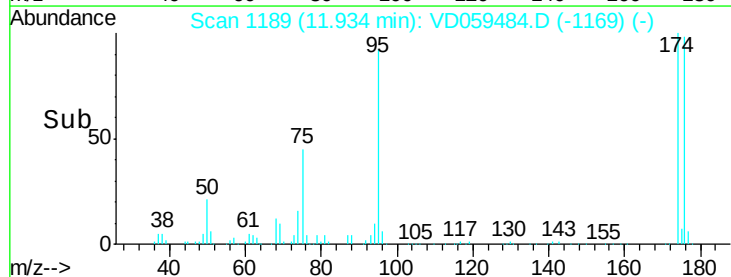
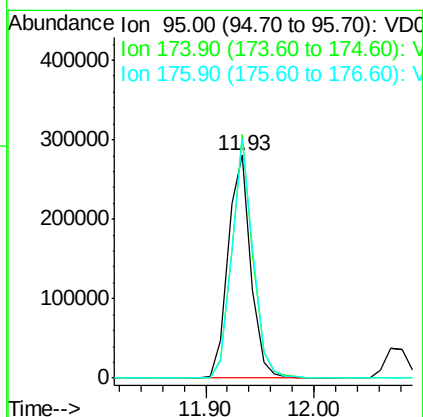
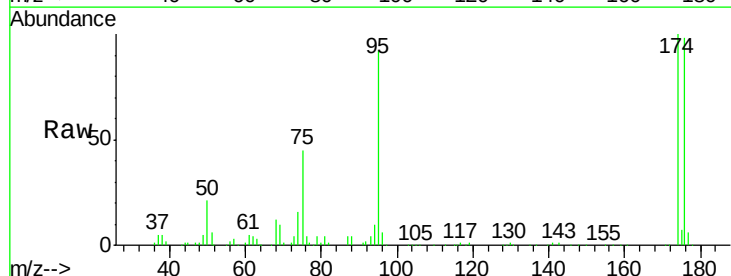
#61
 1,2-Dibromoethane
 Concen: 47.45 ug/l
 RT: 10.09 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

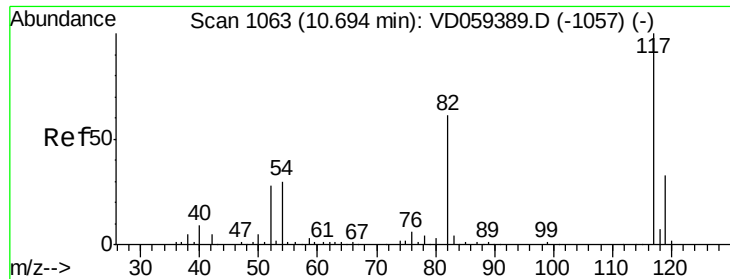
Tot Ion: 107 Resp: 304664
 Ion Ratio Lower Upper
 107 100
 109 98.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.45 ug/l
 RT: 11.93 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

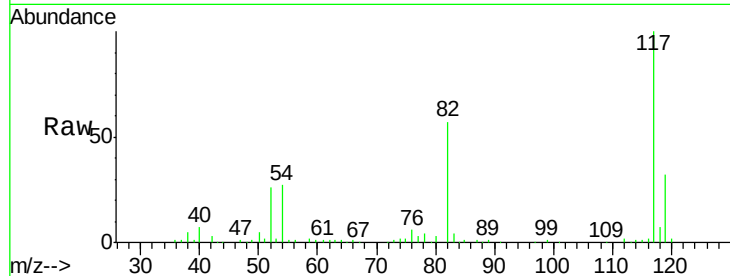
Tgt Ion: 95 Resp: 407422
 Ion Ratio Lower Upper
 95 100
 174 109.2 0.0 190.4
 176 107.3 0.0 183.2



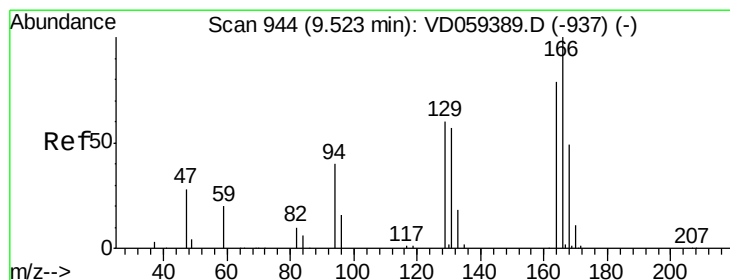
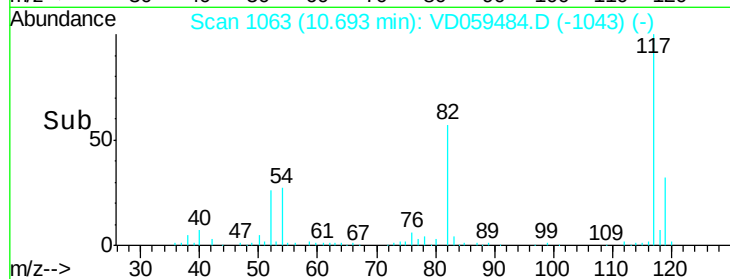
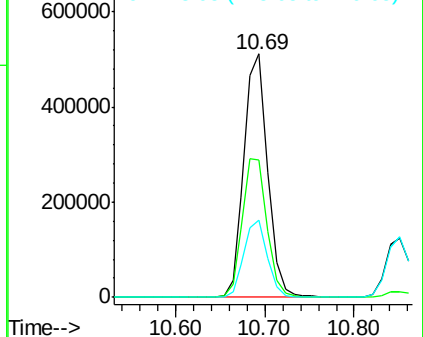


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion:117 Resp: 942284
Ion Ratio Lower Upper
117 100
82 56.7 49.0 73.6
119 31.9 26.2 39.4

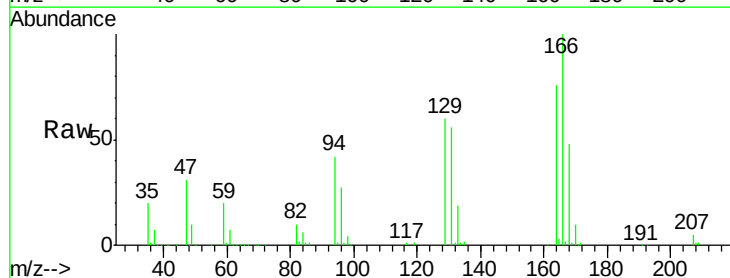


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

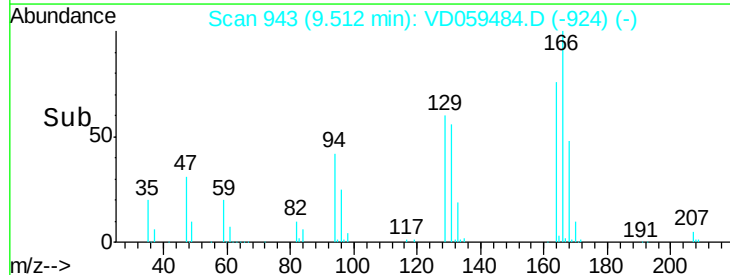
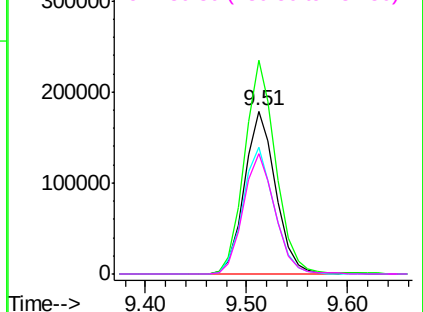


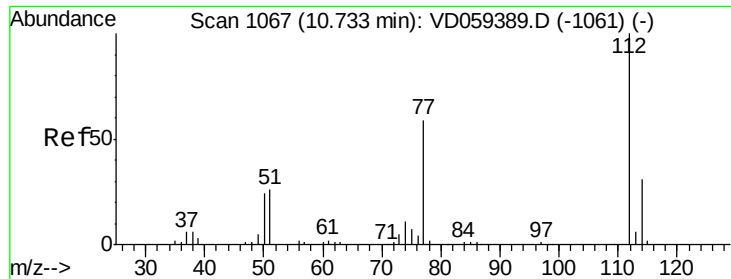
#64
Tetrachloroethene
Concen: 46.59 ug/l
RT: 9.51 min Scan# 943
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion:164 Resp: 385158
Ion Ratio Lower Upper
164 100
166 131.0 101.4 152.2
129 77.9 60.9 91.3
131 73.7 58.2 87.4



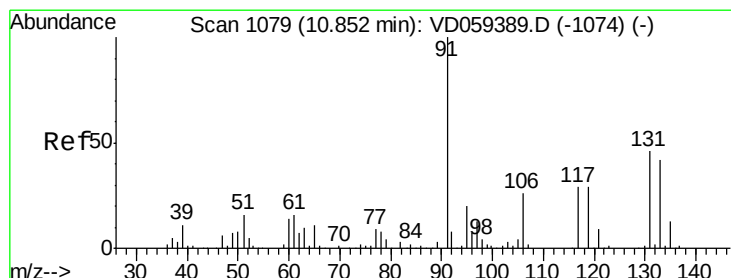
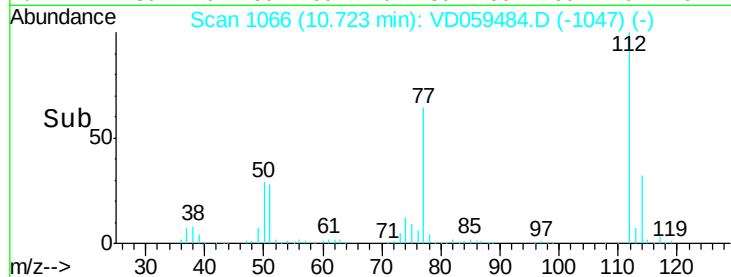
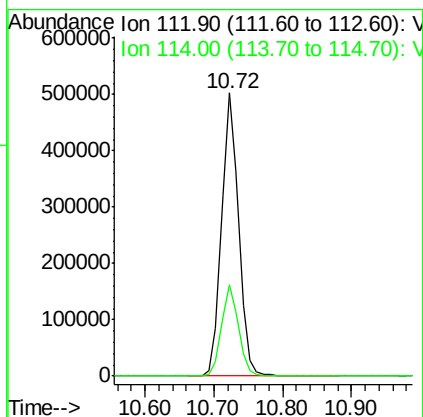
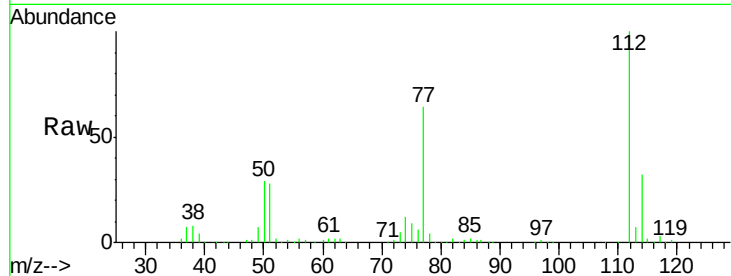
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





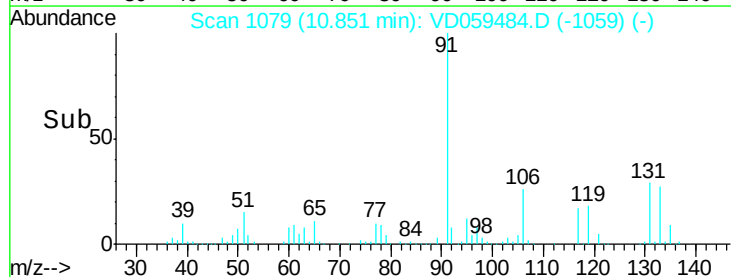
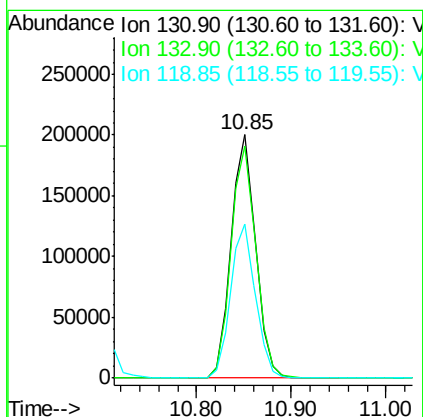
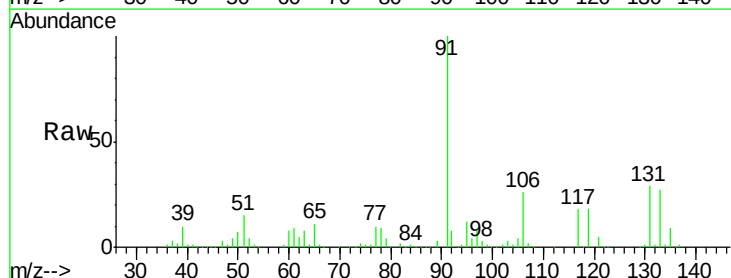
#65
Chlorobenzene
Concen: 50.08 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

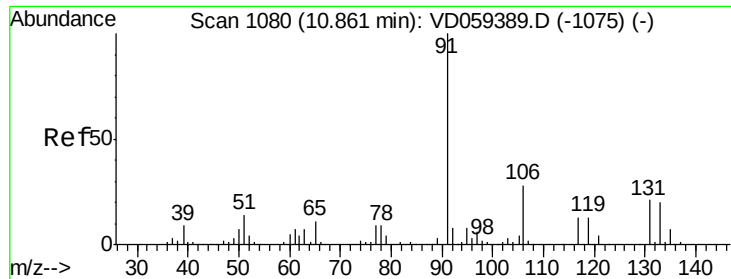
Tot Ion:112 Resp: 862818
Ion Ratio Lower Upper
112 100
114 32.3 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.32 ug/l
RT: 10.85 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

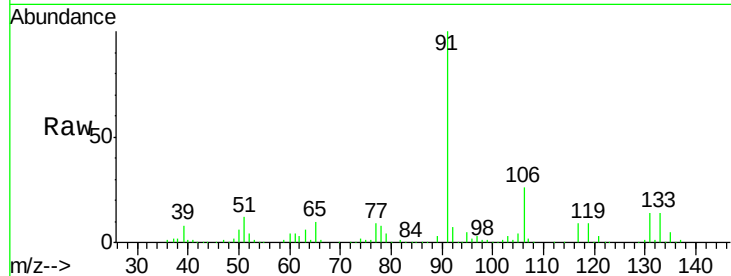
Tgt Ion:131 Resp: 359247
Ion Ratio Lower Upper
131 100
133 95.2 45.7 137.1
119 63.2 32.3 96.9



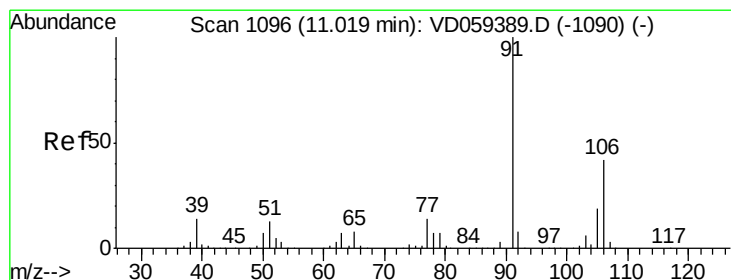
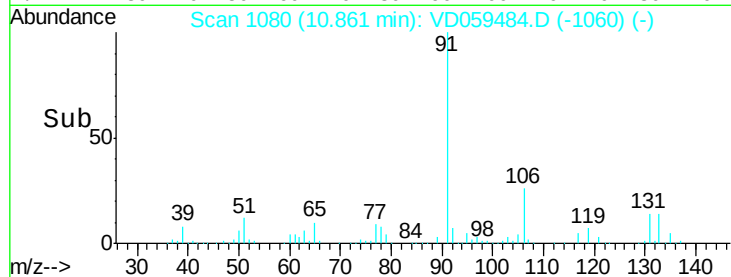
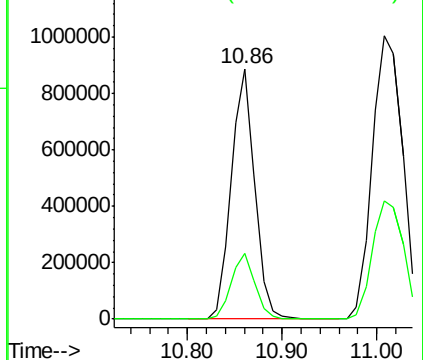


#67
Ethyl Benzene
Concen: 52.30 ug/l
RT: 10.86 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion: 91 Resp: 1520602
Ion Ratio Lower Upper
91 100
106 26.1 22.3 33.5

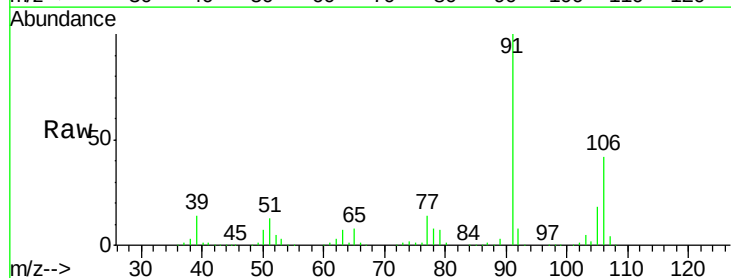


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

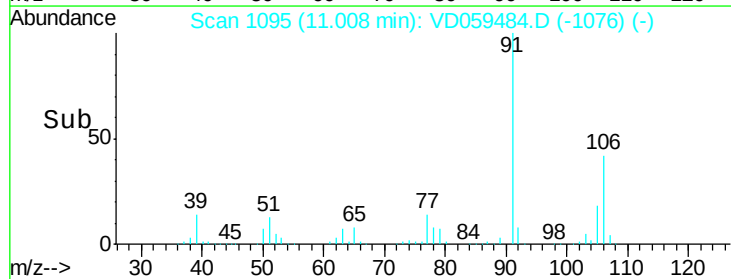
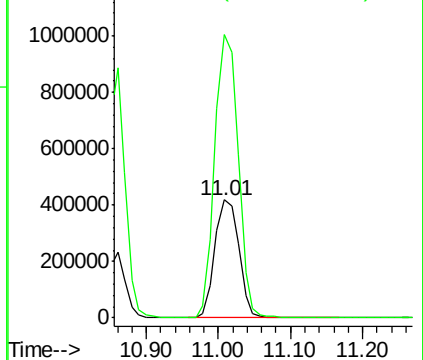


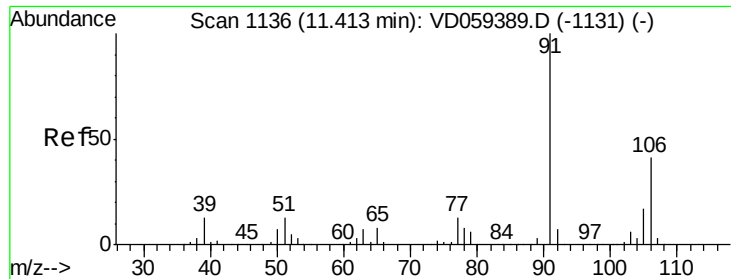
#68
m/p-Xylenes
Concen: 100.07 ug/l
RT: 11.01 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion: 106 Resp: 965247
Ion Ratio Lower Upper
106 100
91 239.9 191.0 286.6



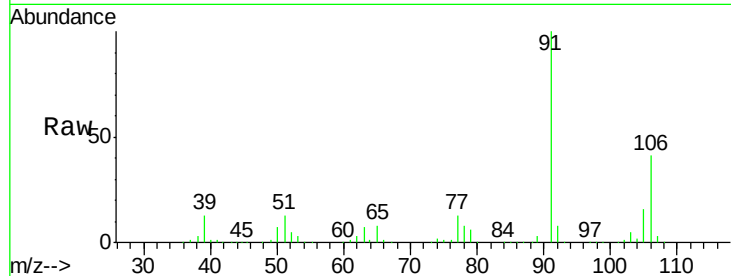
Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC



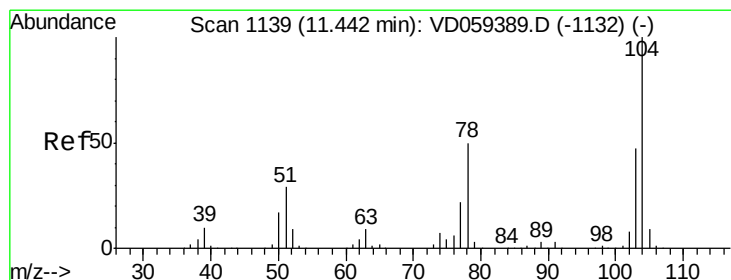
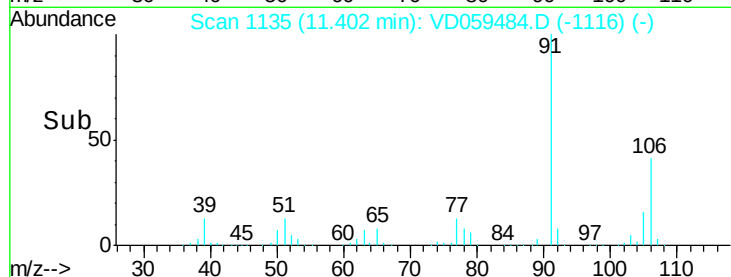
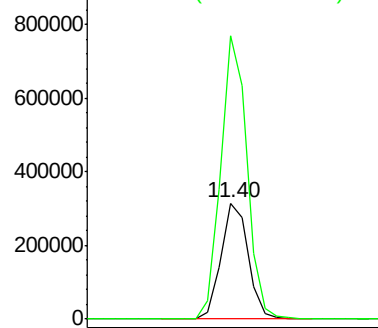


#69
o-Xylene
Concen: 53.31 ug/l
RT: 11.40 min Scan# 1135
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion:106 Resp: 508388
Ion Ratio Lower Upper
106 100
91 243.6 121.0 362.8

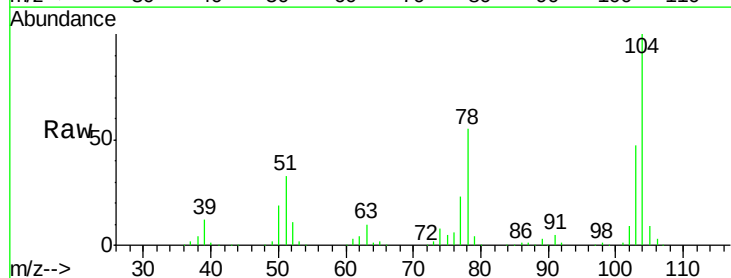


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

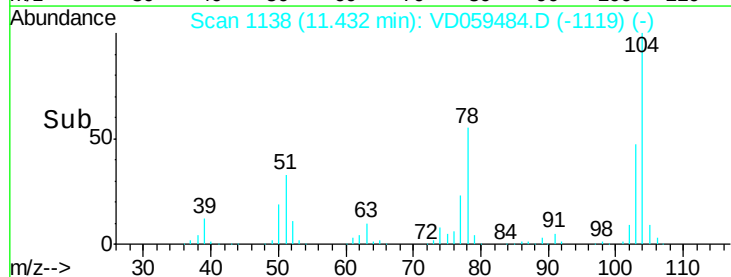
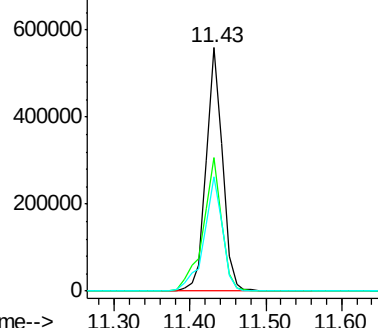


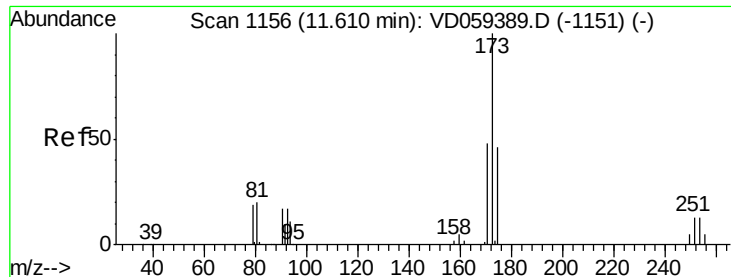
#70
Styrene
Concen: 50.51 ug/l
RT: 11.43 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion:104 Resp: 825769
Ion Ratio Lower Upper
104 100
78 54.6 40.2 60.4
103 46.7 37.8 56.8



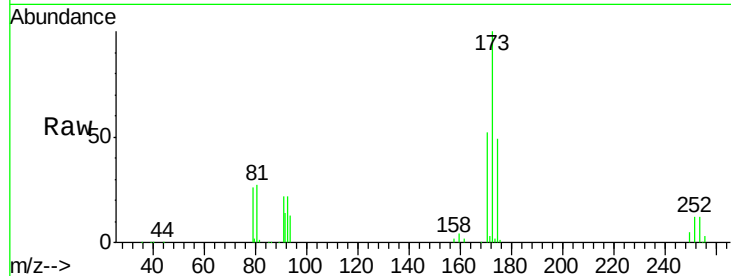
Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V



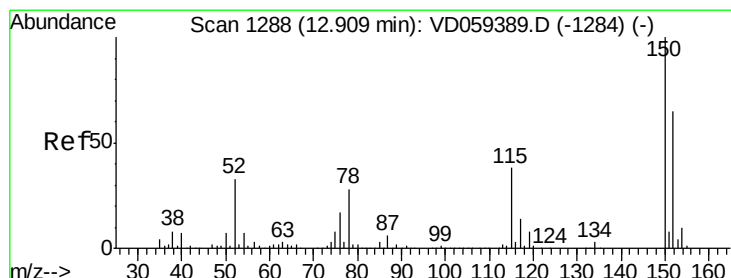
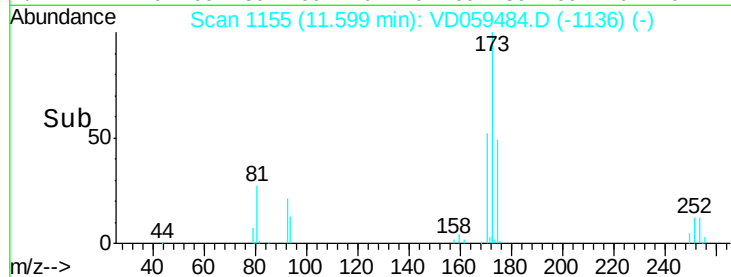
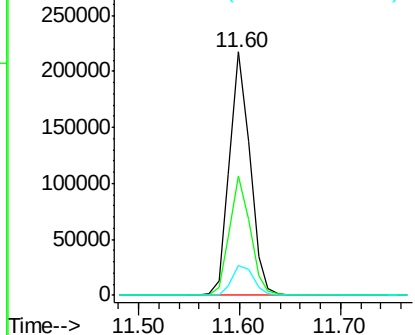


#71
Bromoform
Concen: 56.23 ug/l
RT: 11.60 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	22.8	68.4
254	12.7	10.1	15.1

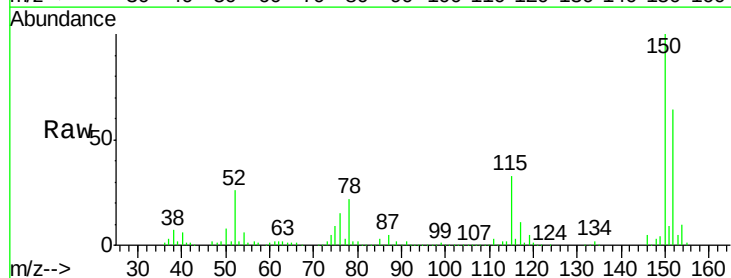


Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V

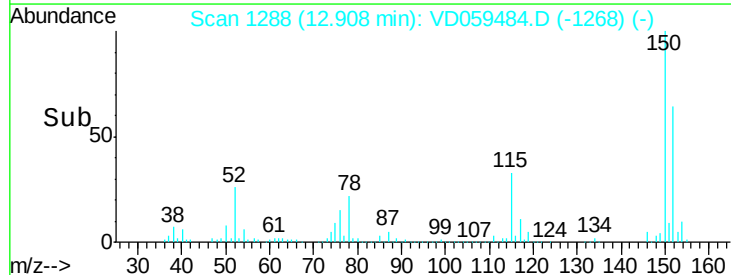
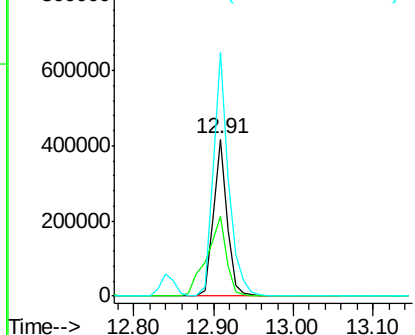


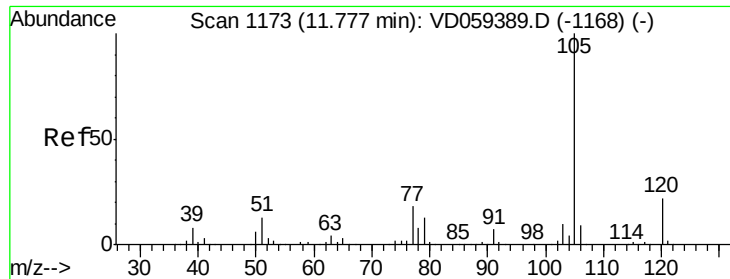
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.8	29.4	88.3
150	155.1	0.0	308.2



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: 50.51 ug/l

RT: 11.78 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VD059484.D

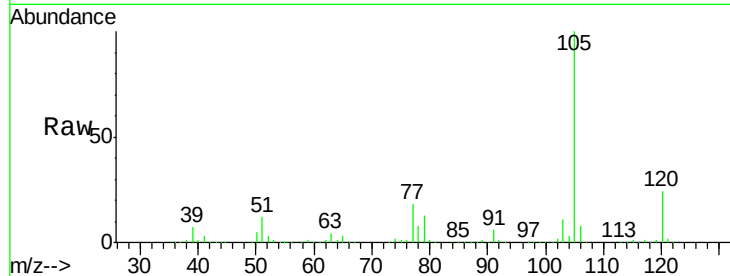
Acq: 29 Jun 2018 11:13

Tot Ion:105 Resp: 1439054

Ion Ratio Lower Upper

105 100

120 23.8 11.0 33.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

11.78

800000

600000

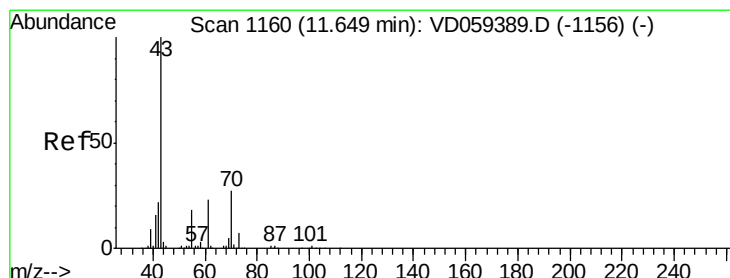
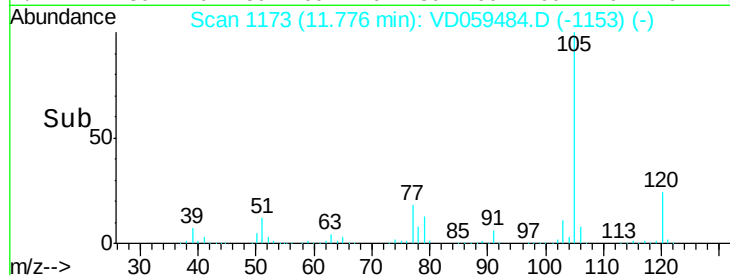
400000

200000

0

Time-->

11.70 11.80 11.90



#74

N-ethyl acetate

Concen: 51.68 ug/l

RT: 11.65 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

Tgt Ion: 43 Resp: 560157

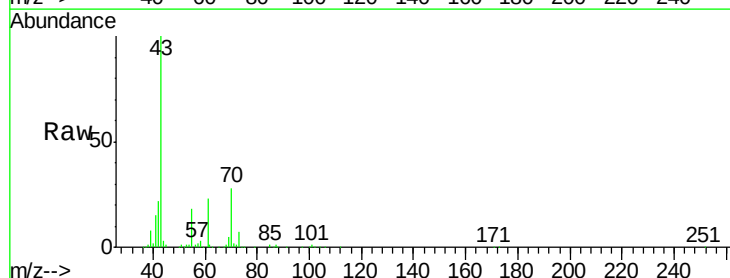
Ion Ratio Lower Upper

43 100

70 28.4 21.7 32.5

55 17.6 14.6 22.0

61 22.6 18.0 27.0



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

600000

500000

400000

300000

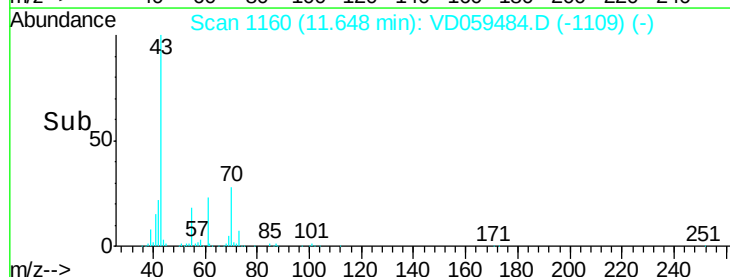
200000

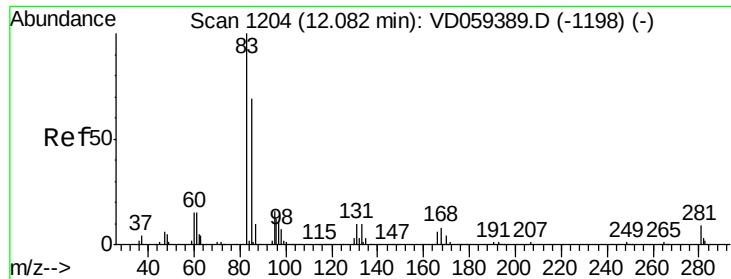
100000

0

Time-->

11.60 11.70





#75

1,1,2,2-Tetrachloroethane

Concen: 52.03 ug/l

RT: 12.07 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

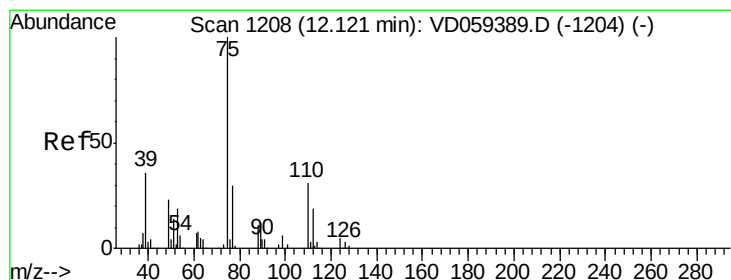
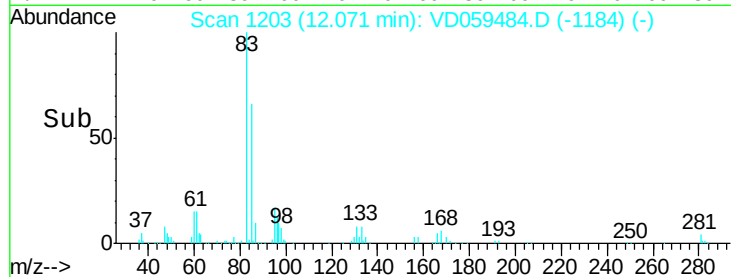
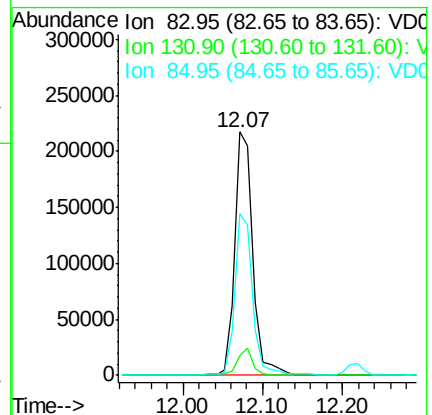
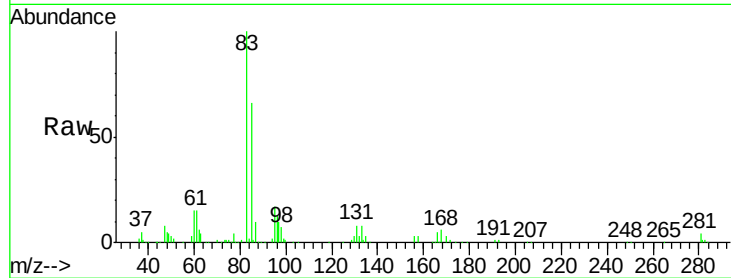
Tot Ion: 83 Resp: 347761

Ion Ratio Lower Upper

83 100

131 8.2 4.9 14.6

85 66.5 34.6 103.8



#76

1,2,3-Trichloropropane

Concen: 50.75 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VD059484.D

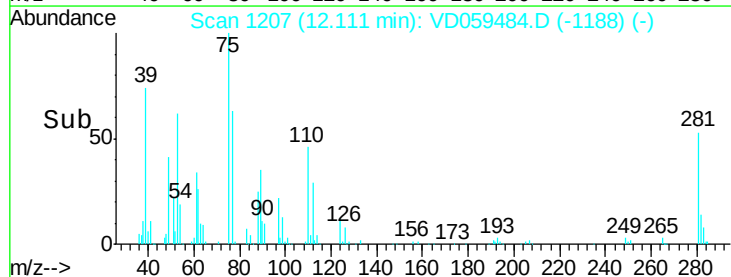
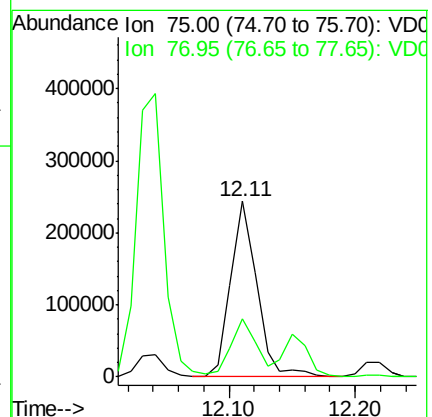
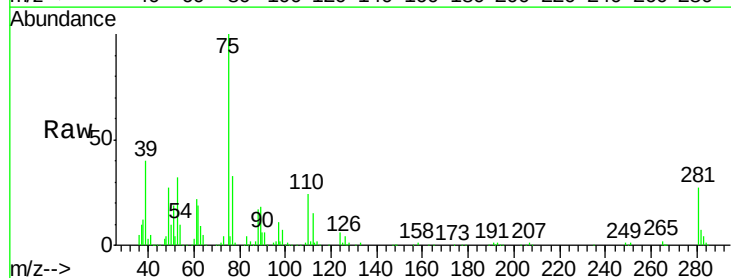
Acq: 29 Jun 2018 11:13

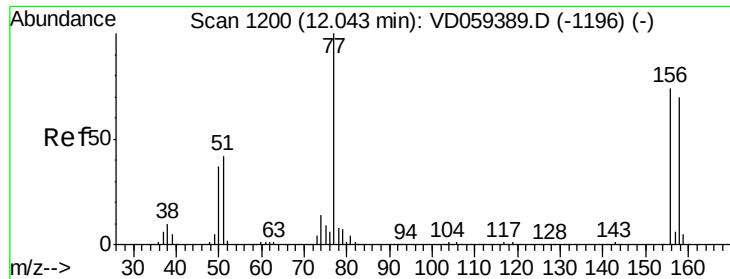
Tgt Ion: 75 Resp: 353429

Ion Ratio Lower Upper

75 100

77 33.4 15.6 46.8





#77

Bromobenzene

Concen: 51.35 ug/l

RT: 12.04 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

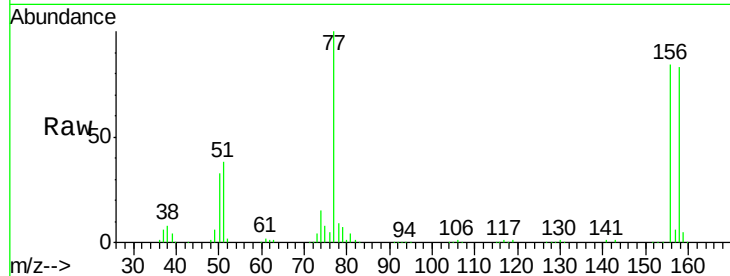
Tot Ion:156 Resp: 460417

Ion Ratio Lower Upper

156 100

77 118.6 68.0 203.8

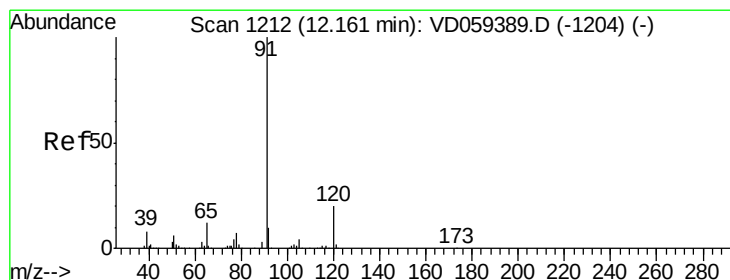
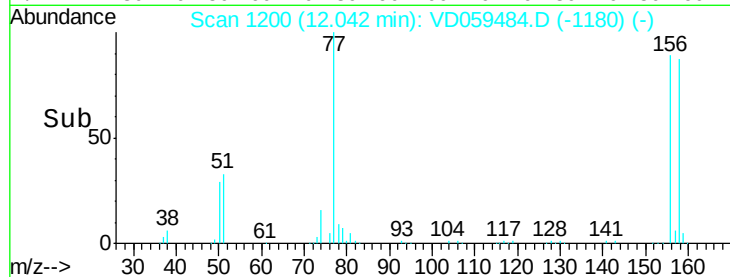
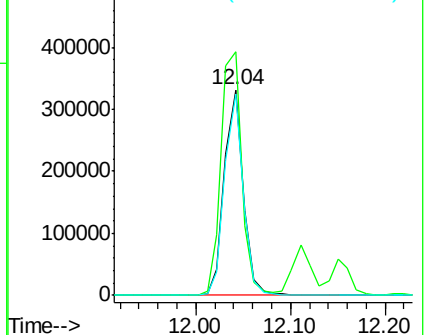
158 98.1 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 52.54 ug/l

RT: 12.15 min Scan# 1211

Delta R.T. -0.01 min

Lab File: VD059484.D

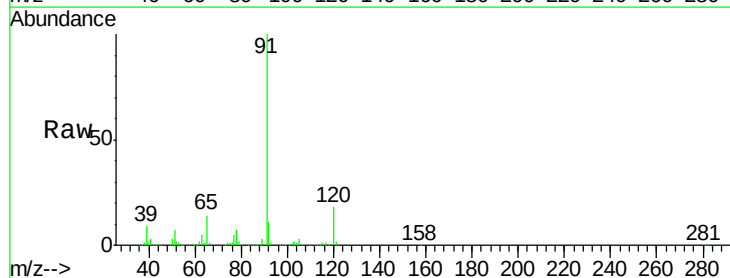
Acq: 29 Jun 2018 11:13

Tgt Ion: 91 Resp: 1895584

Ion Ratio Lower Upper

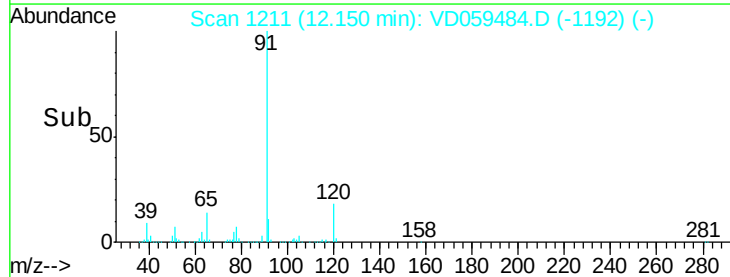
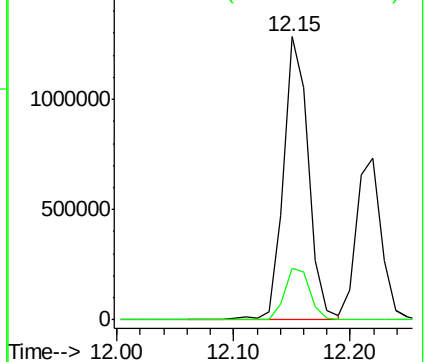
91 100

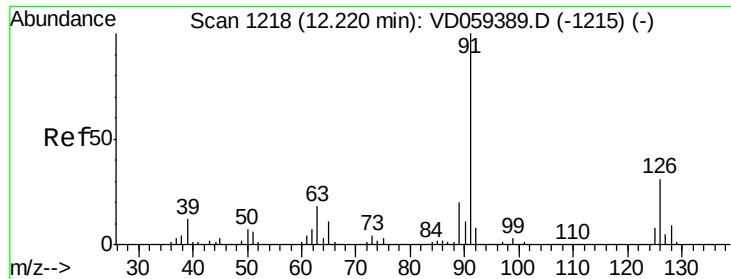
120 18.3 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 51.57 ug/l

RT: 12.22 min Scan# 1218

Delta R.T. -0.00 min

Lab File: VD059484.D

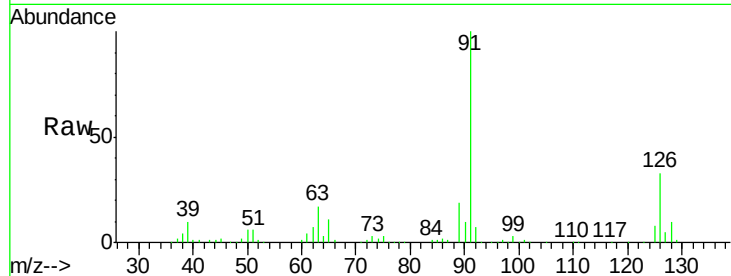
Acq: 29 Jun 2018 11:13

Tot Ion: 91 Resp: 1092760

Ion Ratio Lower Upper

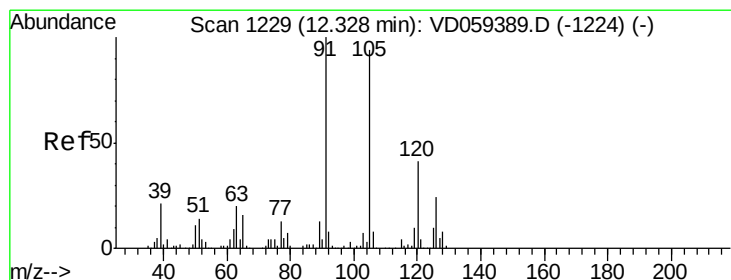
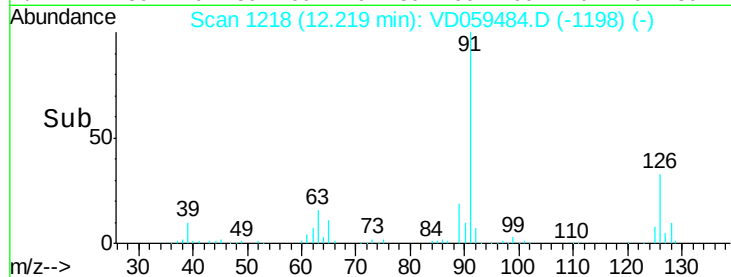
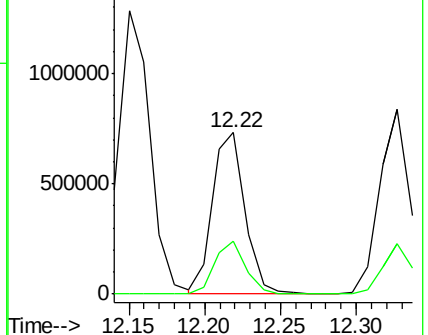
91 100

126 32.6 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 49.35 ug/l

RT: 12.32 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VD059484.D

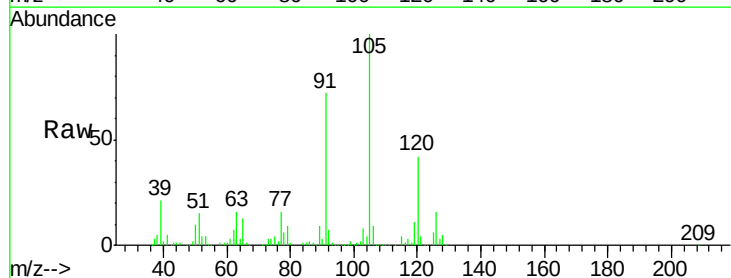
Acq: 29 Jun 2018 11:13

Tgt Ion: 105 Resp: 1119315

Ion Ratio Lower Upper

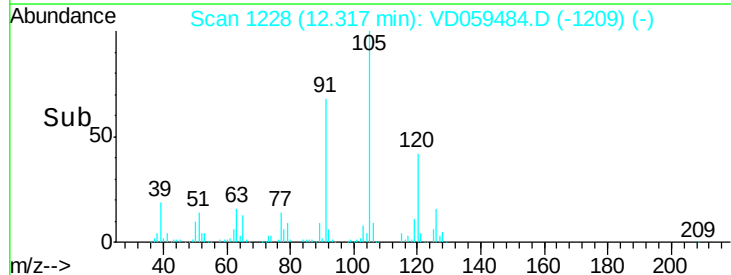
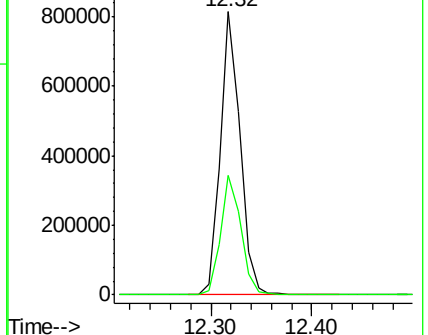
105 100

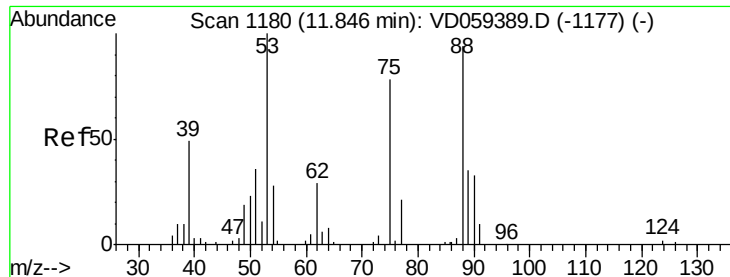
120 42.1 21.9 65.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.17 ug/l

RT: 11.84 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

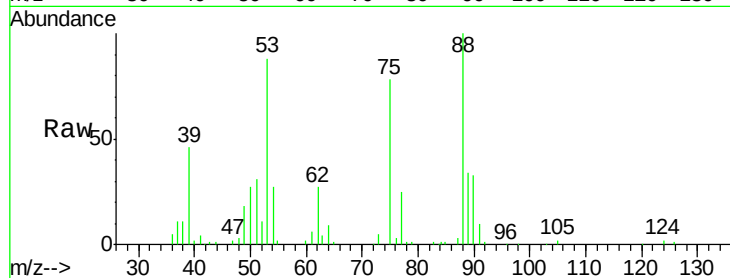
Tot Ion: 75 Resp: 85741

Ion Ratio Lower Upper

75 100

53 112.5 102.6 154.0

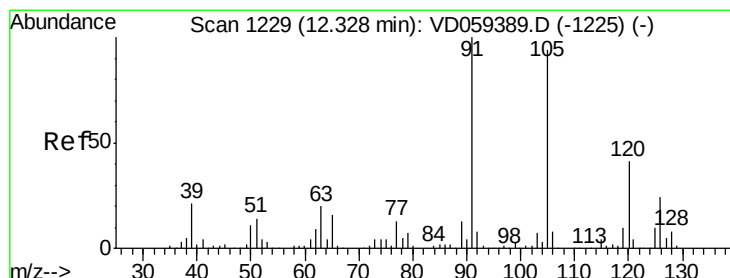
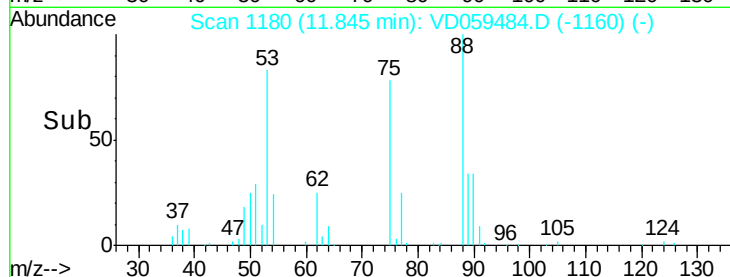
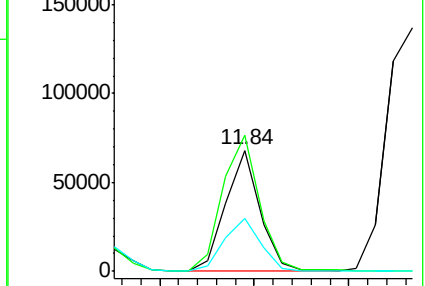
89 43.6 35.9 53.9



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: 48.89 ug/l

RT: 12.33 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VD059484.D

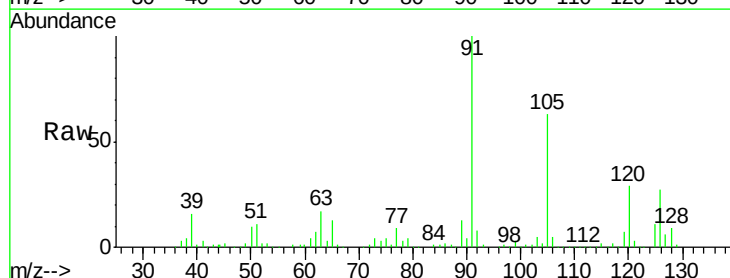
Acq: 29 Jun 2018 11:13

Tgt Ion: 91 Resp: 1174673

Ion Ratio Lower Upper

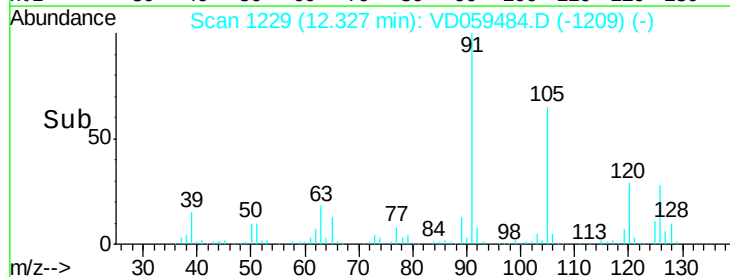
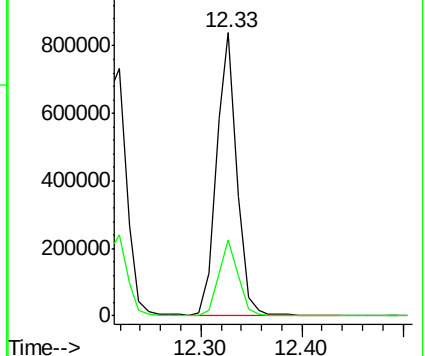
91 100

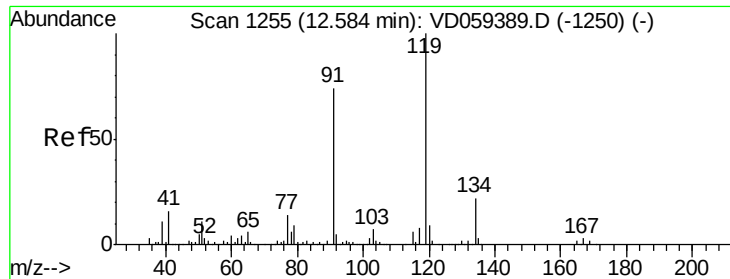
126 27.1 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

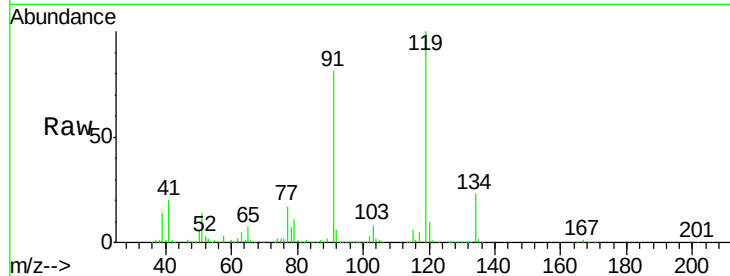
Ion 125.95 (125.65 to 126.65): V



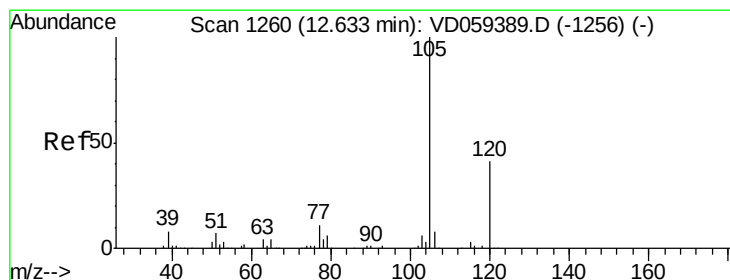
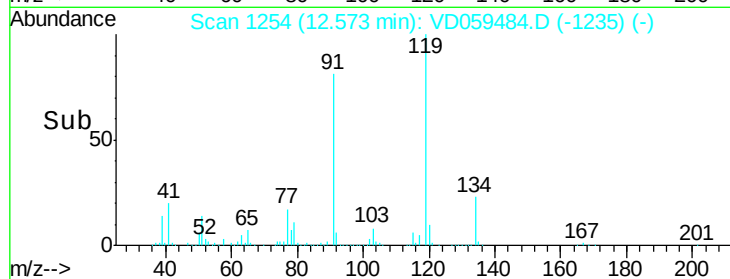
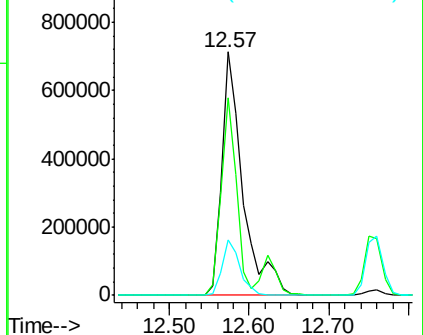


#83
 tert-Butylbenzene
 Concen: 55.46 ug/l
 RT: 12.57 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tot Ion:119 Resp: 1337950
 Ion Ratio Lower Upper
 119 100
 91 81.3 36.9 110.7
 134 22.8 11.2 33.6

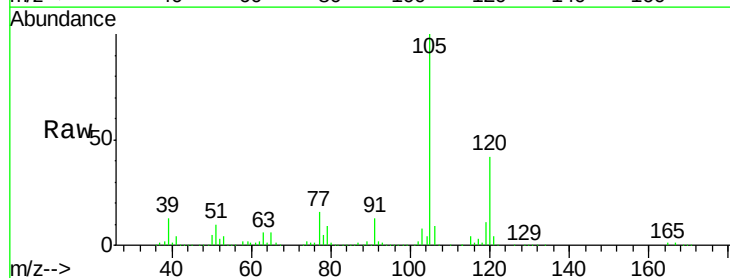


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

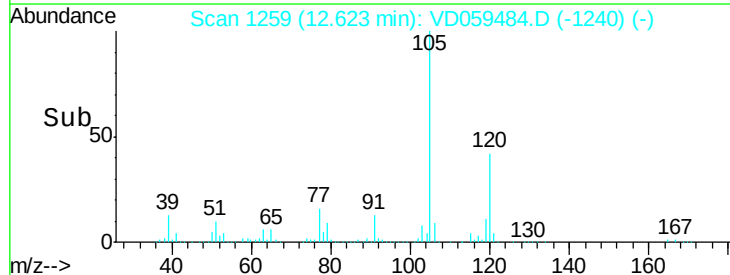
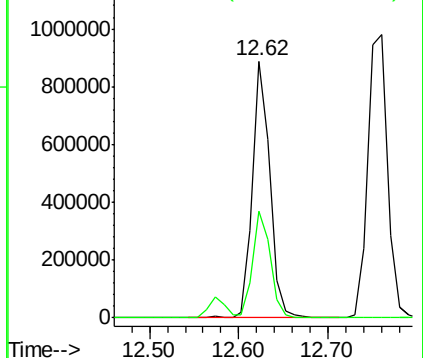


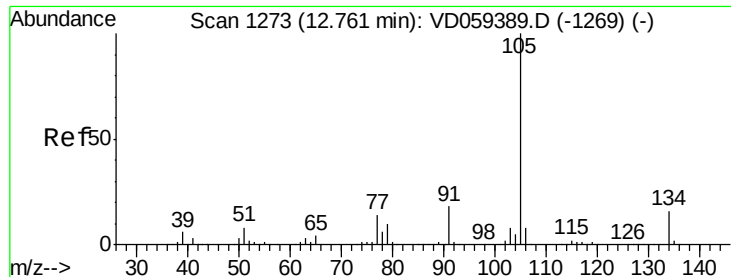
#84
 1,2,4-Trimethylbenzene
 Concen: 49.60 ug/l
 RT: 12.62 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tgt Ion:105 Resp: 1190489
 Ion Ratio Lower Upper
 105 100
 120 41.7 21.5 64.5



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





#85

sec-Butylbenzene

Concen: 50.02 ug/l

RT: 12.76 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VD059484.D

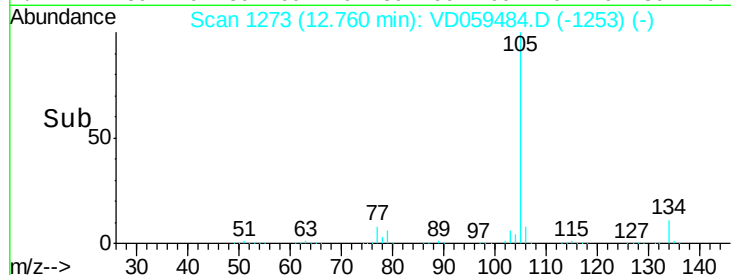
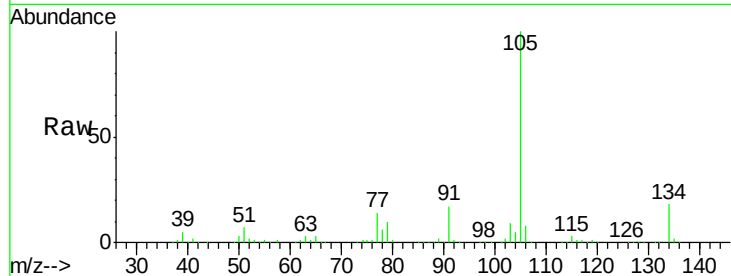
Acq: 29 Jun 2018 11:13

Tot Ion:105 Resp: 1480841

Ion Ratio Lower Upper

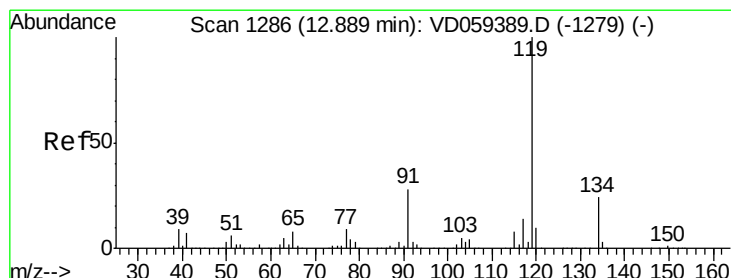
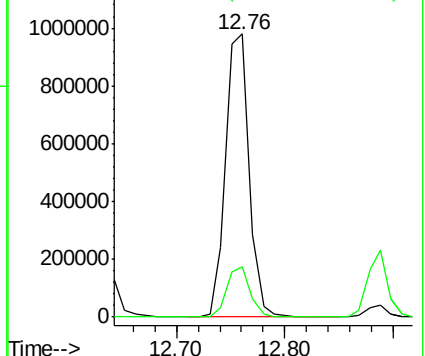
105 100

134 17.8 8.2 24.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 51.10 ug/l

RT: 12.89 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

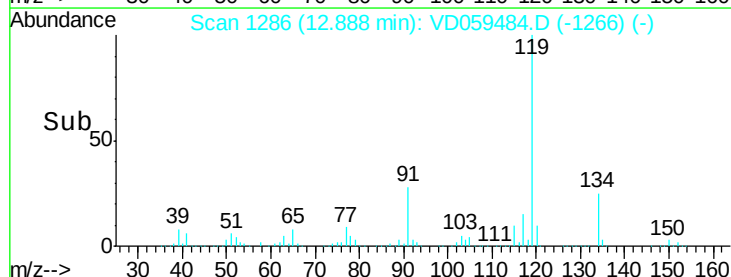
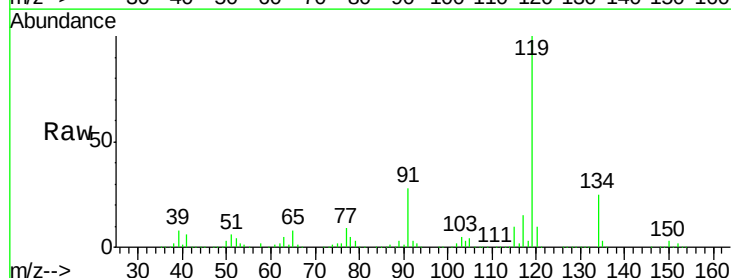
Tgt Ion:119 Resp: 1219313

Ion Ratio Lower Upper

119 100

134 25.2 11.9 35.5

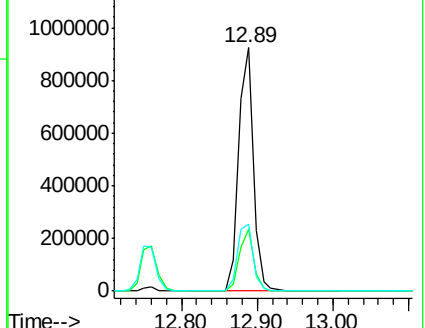
91 27.8 14.1 42.4

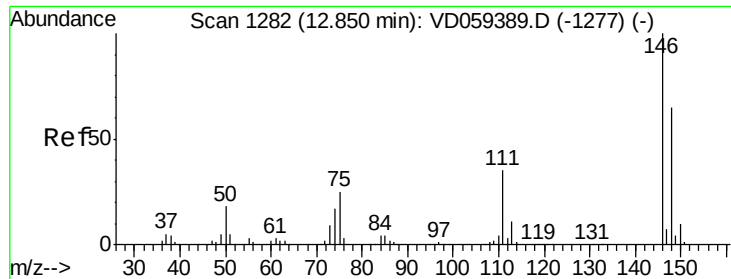


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

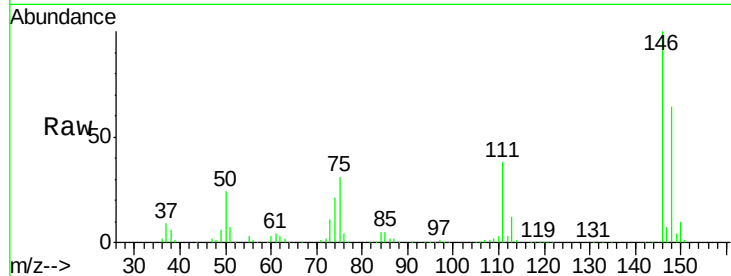
Ion 91.00 (90.70 to 91.70): V



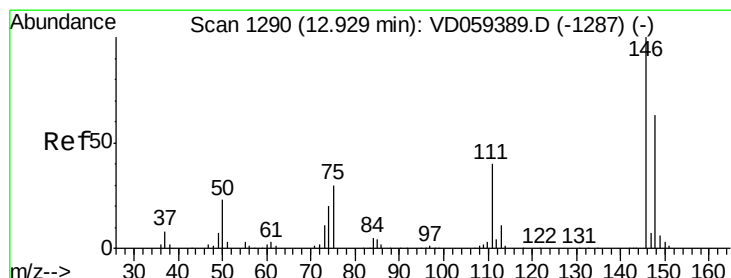
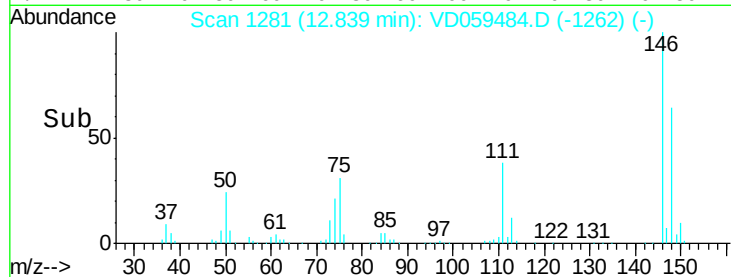
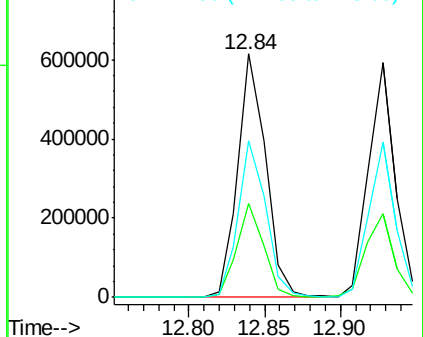


#87
 1,3-Dichlorobenzene
 Concen: 53.69 ug/l
 RT: 12.84 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tot Ion:146 Resp: 792059
 Ion Ratio Lower Upper
 146 100
 111 38.4 17.6 52.8
 148 64.3 32.4 97.2

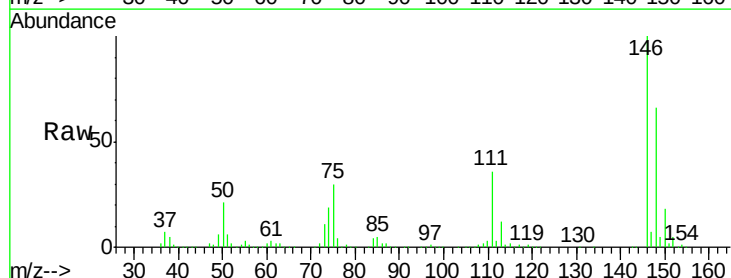


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

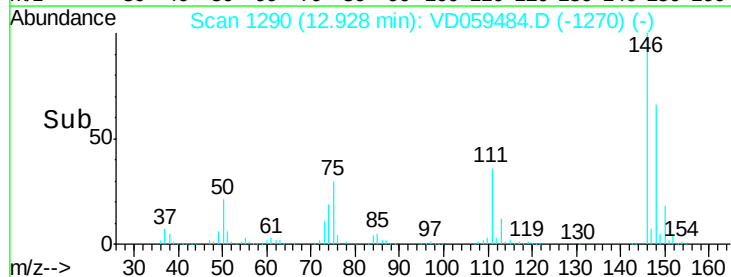
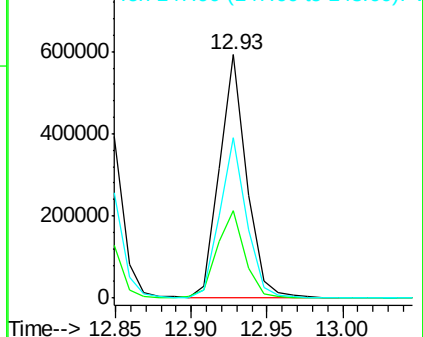


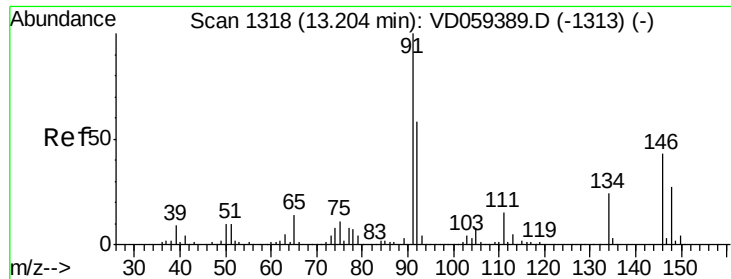
#88
 1,4-Dichlorobenzene
 Concen: 50.43 ug/l
 RT: 12.93 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tgt Ion:146 Resp: 734105
 Ion Ratio Lower Upper
 146 100
 111 35.8 20.1 60.2
 148 66.1 31.4 94.0



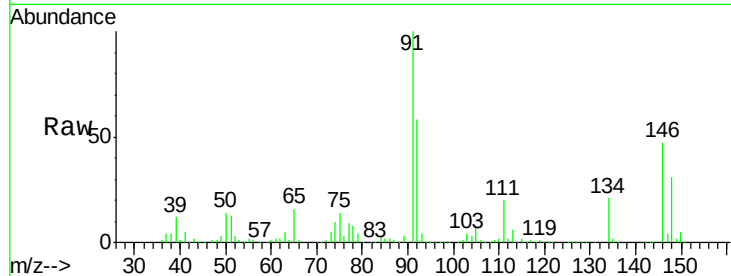
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



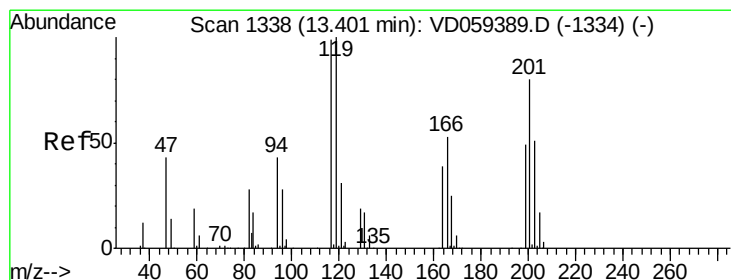
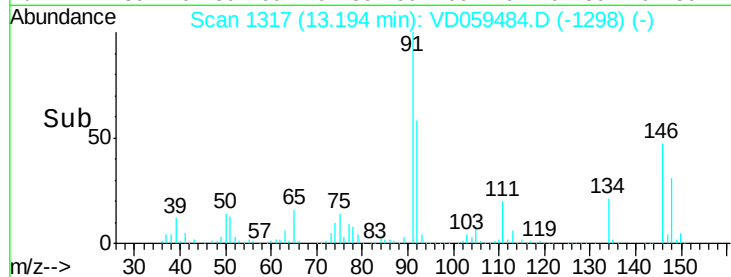
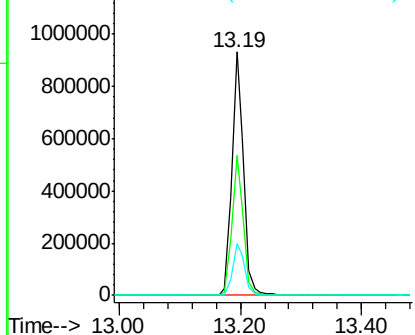


#89
n-Butylbenzene
Concen: 52.73 ug/l
RT: 13.19 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion: 91 Resp: 1241892
Ion Ratio Lower Upper
91 100
92 57.6 28.8 86.5
134 21.0 11.9 35.7

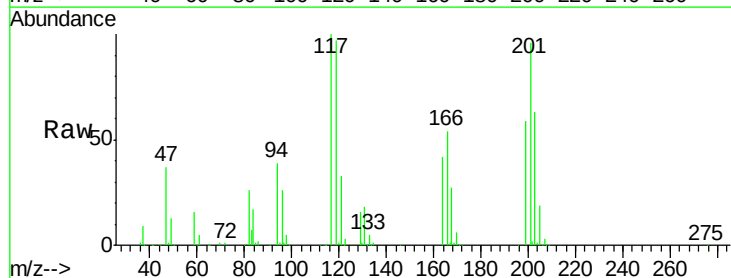


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

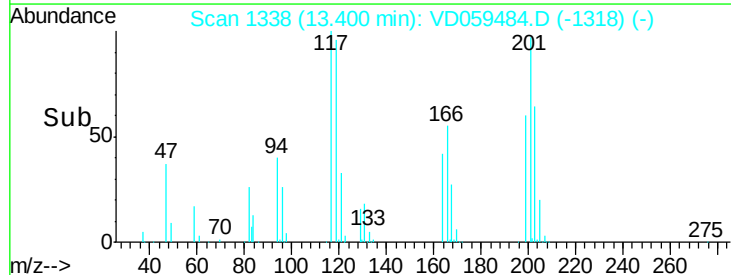
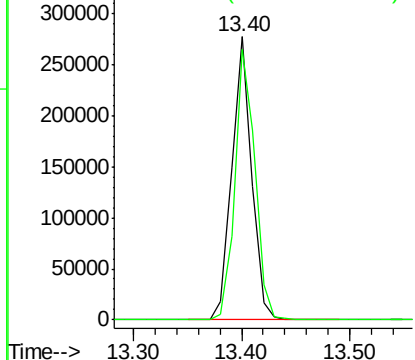


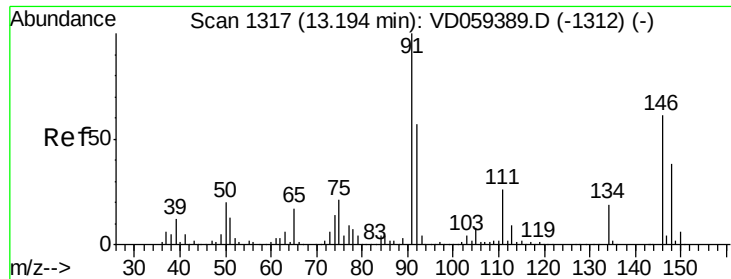
#90
Hexachloroethane
Concen: 59.44 ug/l
RT: 13.40 min Scan# 1338
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion: 117 Resp: 353877
Ion Ratio Lower Upper
117 100
201 95.8 40.1 120.3



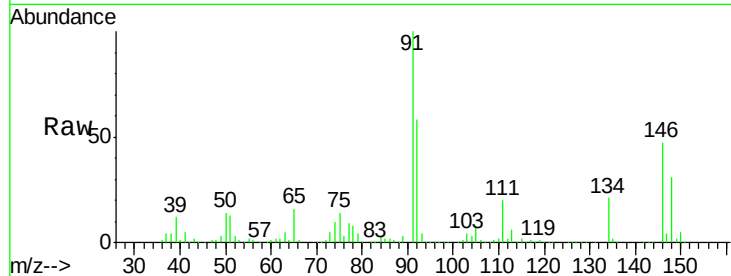
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V



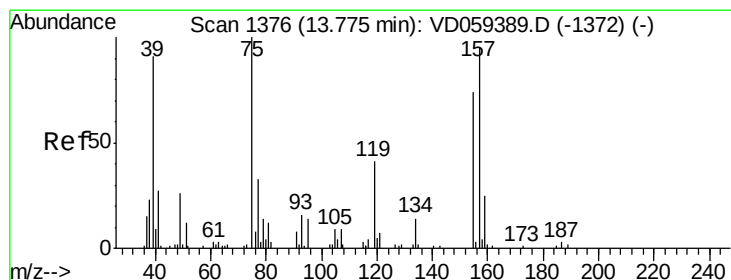
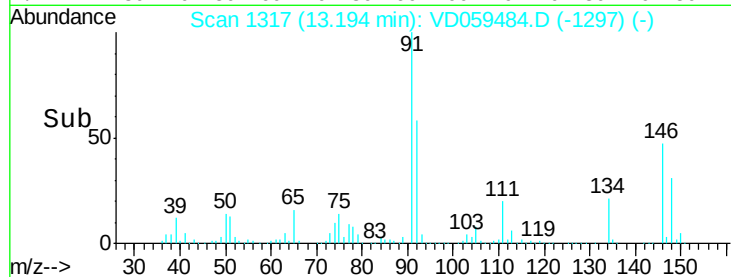
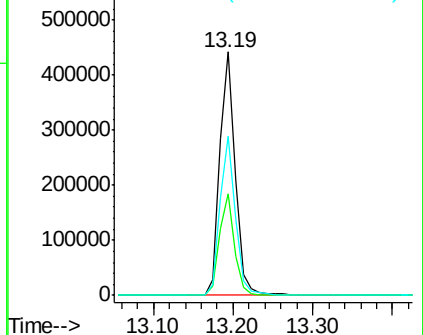


#91
 1,2-Dichlorobenzene
 Concen: 48.83 ug/l
 RT: 13.19 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tot Ion:146 Resp: 610738
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.4 64.2
 148 65.3 31.6 95.0

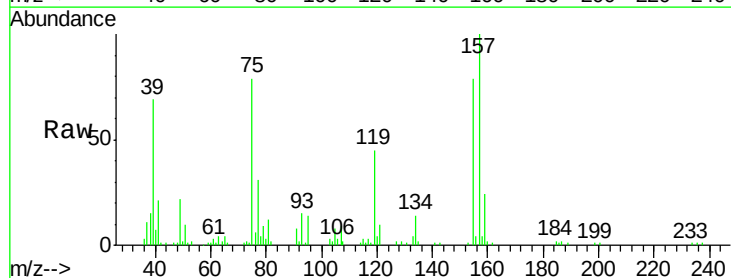


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

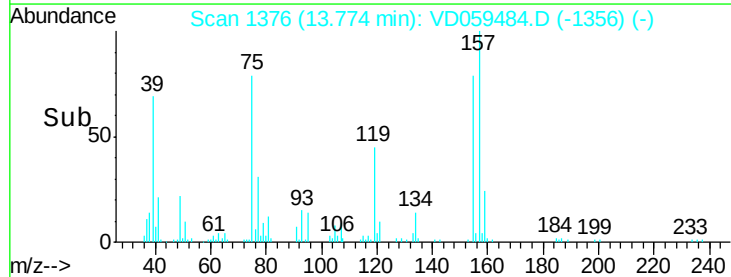
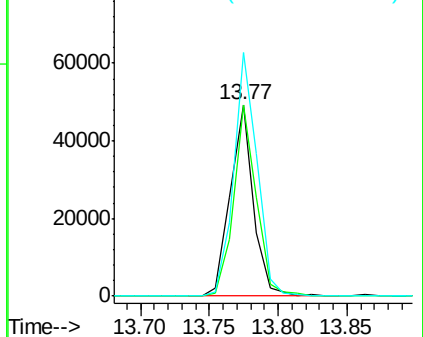


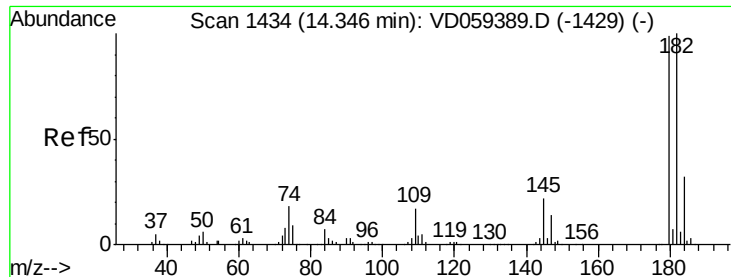
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.17 ug/l
 RT: 13.77 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tgt Ion: 75 Resp: 57498
 Ion Ratio Lower Upper
 75 100
 155 99.7 37.2 111.6
 157 127.1 47.4 142.2



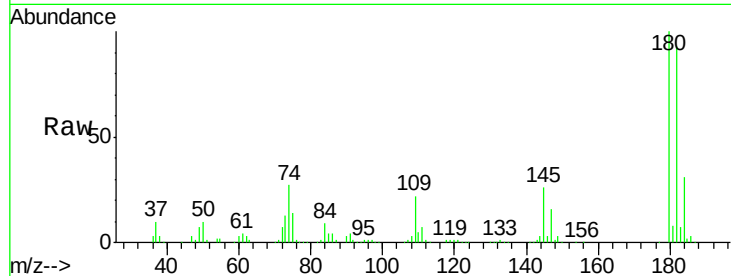
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



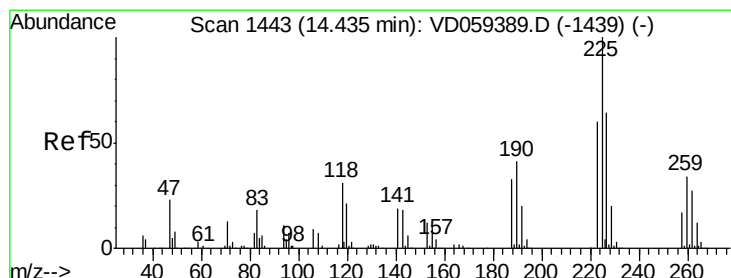
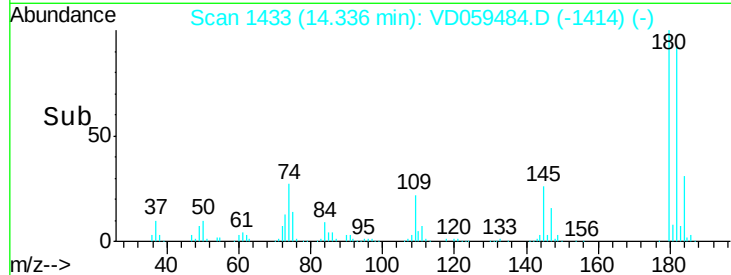
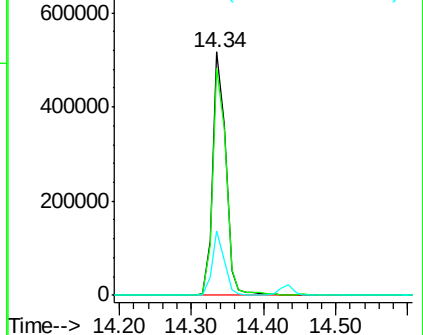


#93
 1,2,4-Trichlorobenzene
 Concen: 56.15 ug/l
 RT: 14.34 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tot Ion:180 Resp: 649234
 Ion Ratio Lower Upper
 180 100
 182 93.3 50.4 151.2
 145 26.3 11.0 33.0

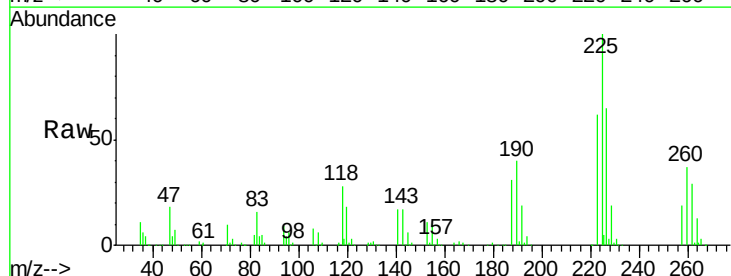


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

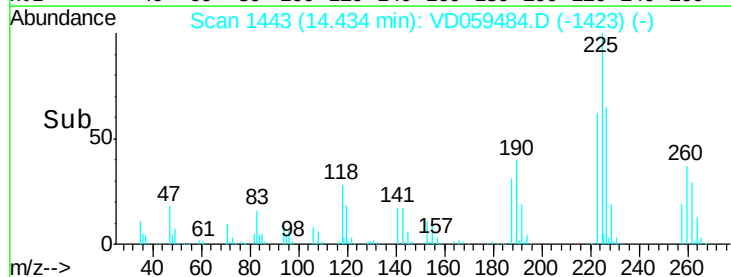
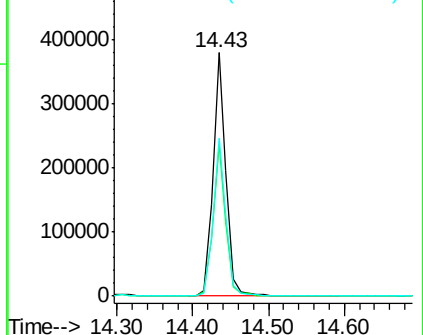


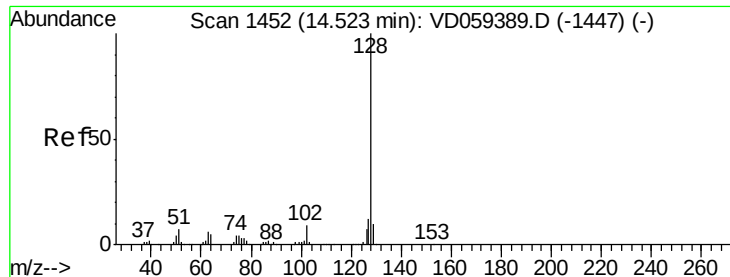
#94
 Hexachlorobutadiene
 Concen: 53.23 ug/l
 RT: 14.43 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

Tgt Ion:225 Resp: 463130
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.0 90.1
 227 64.8 32.1 96.5



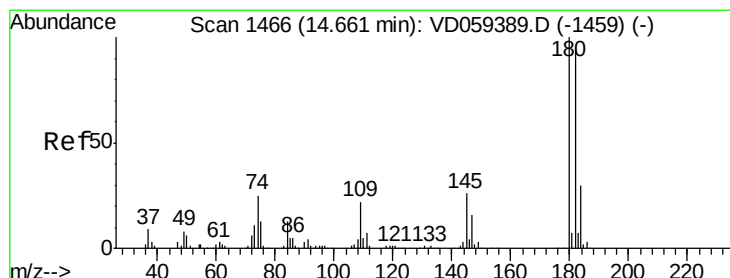
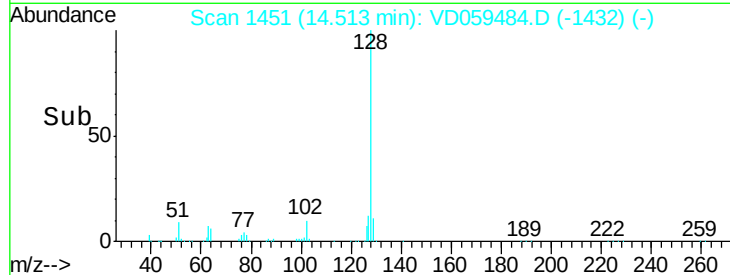
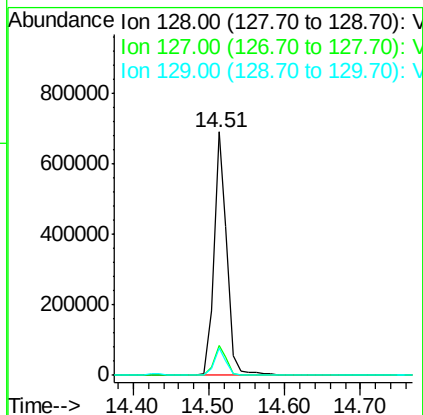
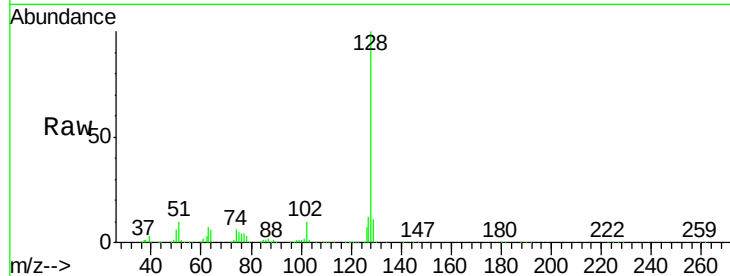
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95
Naphthalene
Concen: 51.78 ug/l
RT: 14.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tot Ion:128 Resp: 834552
Ion Ratio Lower Upper
128 100
127 12.4 9.6 14.4
129 11.1 8.2 12.2



#96
1,2,3-Trichlorobenzene
Concen: 53.32 ug/l
RT: 14.66 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion:180 Resp: 554314
Ion Ratio Lower Upper
180 100
182 96.9 47.1 141.4
145 24.8 13.1 39.3

