

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 : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 30 00:23:58 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	45.172	ug/l	99
3) Chloromethane	1.49	50	189922	42.845	ug/l	90
4) Vinyl Chloride	1.56	62	201008	43.709	ug/l	92
5) Bromomethane	1.79	94	79131	50.172	ug/l	98
6) Chloroethane	1.88	64	102337	52.792	ug/l	95
7) Trichlorofluoromethane	2.08	101	354812	53.507	ug/l	94
8) Diethyl Ether	2.35	74	74614	49.728	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.55	101	220532	53.517	ug/l	96
10) Methyl Iodide	2.69	142	236987	49.236	ug/l	99
11) Tert butyl alcohol	3.26	59	79625	235.064	ug/l #	91
12) 1,1-Dichloroethene	2.54	96	165554	52.476	ug/l	90
13) Acrolein	2.47	56	114548	378.266	ug/l	90
14) Allyl chloride	2.92	41	362531	50.203	ug/l	95
15) Acrylonitrile	3.37	53	303507	291.943	ug/l	99
16) Acetone	2.61	43	370495	299.807	ug/l	93
17) Carbon Disulfide	2.76	76	437911	45.321	ug/l	98
18) Methyl Acetate	2.94	43	131205	49.783	ug/l #	90
19) Methyl tert-butyl Ether	3.41	73	807894	52.025	ug/l	97
20) Methylene Chloride	3.07	84	164810	47.989	ug/l	98
21) trans-1,2-Dichloroethene	3.39	96	319746	57.321	ug/l	95
22) Diisopropyl ether	4.07	45	1344420	49.482	ug/l	99
23) Vinyl Acetate	4.02	43	3856806	272.447	ug/l	98
24) 1,1-Dichloroethane	3.97	63	780684	50.214	ug/l	98
25) 2-Butanone	4.84	43	642347	248.134	ug/l	98
26) 2,2-Dichloropropane	4.80	77	685612	56.865	ug/l	98
27) cis-1,2-Dichloroethene	4.81	96	418723	44.669	ug/l	98
28) Bromochloromethane	5.14	49	329067	48.822	ug/l	100
29) Tetrahydrofuran	5.18	42	309557	218.615	ug/l	95
30) Chloroform	5.32	83	837068	49.398	ug/l	93
31) Cyclohexane	5.59	56	519946	50.739	ug/l	100
32) 1,1,1-Trichloroethane	5.52	97	700858	51.075	ug/l	99
36) 1,1-Dichloropropene	5.74	75	550804	49.710	ug/l	98
37) Ethyl Acetate	4.92	43	308162	45.668	ug/l	99
38) Carbon Tetrachloride	5.72	117	590780	51.714	ug/l	99

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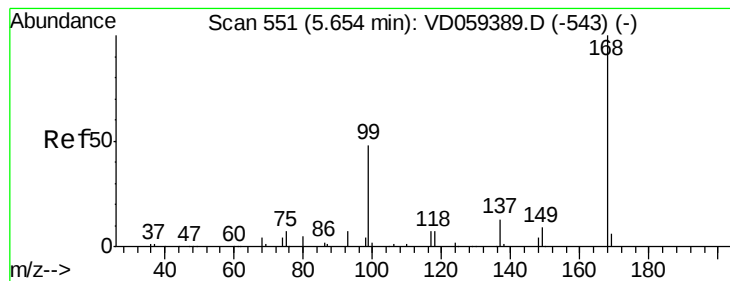
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	501253	47.697	ug/l	97
40) Benzene	6.02	78	1302074	48.969	ug/l	99
41) Methacrylonitrile	5.13	41	157711	48.524	ug/l	96
42) 1,2-Dichloroethane	6.13	62	564565	48.053	ug/l	96
43) Isopropyl Acetate	7.61	43	417411	49.257	ug/l	98
44) Trichloroethene	6.98	130	416180	47.802	ug/l	87
45) 1,2-Dichloropropane	7.36	63	368510	50.038	ug/l	95
46) Dibromomethane	7.46	93	262871	49.632	ug/l	90
47) Bromodichloromethane	7.74	83	617257	52.085	ug/l	98
48) Methyl methacrylate	7.50	41	261785	50.706	ug/l	97
49) 1,4-Dioxane	7.49	88	51099	986.892	ug/l	97
51) 4-Methyl-2-Pentanone	8.60	43	1328765	235.311	ug/l	98
52) Toluene	8.80	92	733321	46.177	ug/l	98
53) t-1,3-Dichloropropene	9.19	75	516523	52.157	ug/l	98
54) cis-1,3-Dichloropropene	8.36	75	604173	52.689	ug/l	97
55) 1,1,2-Trichloroethane	9.45	97	277544	48.138	ug/l	98
56) Ethyl methacrylate	9.31	69	329490	50.082	ug/l	98
57) 1,3-Dichloropropane	9.67	76	470827	49.931	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.19	63	778957	229.994	ug/l	98
59) 2-Hexanone	9.79	43	1043542	260.015	ug/l	100
60) Dibromochloromethane	9.95	129	410998	50.905	ug/l	100
61) 1,2-Dibromoethane	10.09	107	304664	47.452	ug/l	95
64) Tetrachloroethene	9.51	164	385158	46.594	ug/l	97
65) Chlorobenzene	10.72	112	862818	50.077	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	359247	54.318	ug/l	97
67) Ethyl Benzene	10.86	91	1520602	52.301	ug/l	97
68) m/p-Xylenes	11.01	106	965247	100.066	ug/l	99
69) o-Xylene	11.40	106	508388	53.309	ug/l	99
70) Styrene	11.43	104	825769	50.514	ug/l	96
71) Bromoform	11.60	173	308101	56.233	ug/l	96
73) Isopropylbenzene	11.78	105	1439054	50.512	ug/l	96
74) N-amyl acetate	11.65	43	560157	51.679	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.07	83	347761	52.031	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	353429	50.754	ug/l	96
77) Bromobenzene	12.04	156	460417	51.348	ug/l	90
78) n-propylbenzene	12.15	91	1895584	52.536	ug/l	96
79) 2-Chlorotoluene	12.22	91	1092760	51.571	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	1119315	49.352	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	85741	54.172	ug/l	89
82) 4-Chlorotoluene	12.33	91	1174673	48.889	ug/l	95
83) tert-Butylbenzene	12.57	119	1337950	55.459	ug/l	93
84) 1,2,4-Trimethylbenzene	12.62	105	1190489	49.599	ug/l	98
85) sec-Butylbenzene	12.76	105	1480841	50.022	ug/l	97
86) p-Isopropyltoluene	12.89	119	1219313	51.101	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	792059	53.693	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	734105	50.430	ug/l	95
89) n-Butylbenzene	13.19	91	1241892	52.727	ug/l	98
90) Hexachloroethane	13.40	117	353877	59.444	ug/l	82
91) 1,2-Dichlorobenzene	13.19	146	610738	48.831	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	57498	52.171	ug/l	68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	649234	56.146	ug/l	92
94) Hexachlorobutadiene	14.43	225	463130	53.225	ug/l	98
95) Naphthalene	14.51	128	834552	51.784	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	554314	53.315	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD059484.D

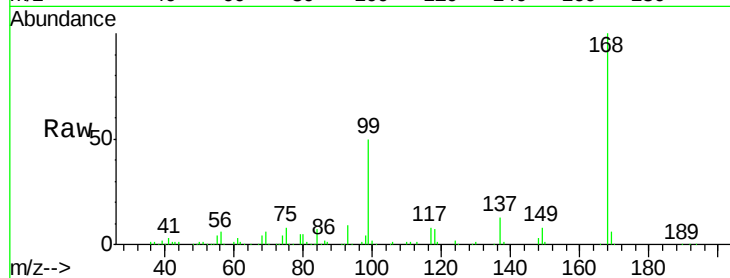
Acq: 29 Jun 2018 11:13

Tot Ion:168 Resp: 957473

Ion Ratio Lower Upper

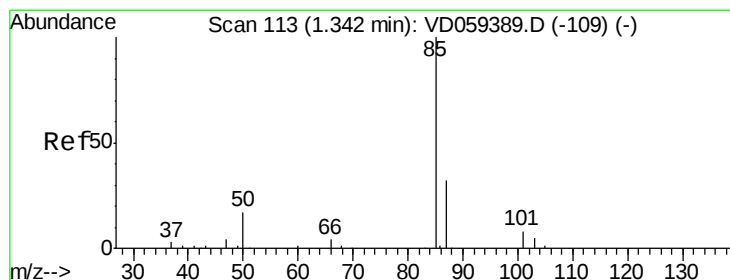
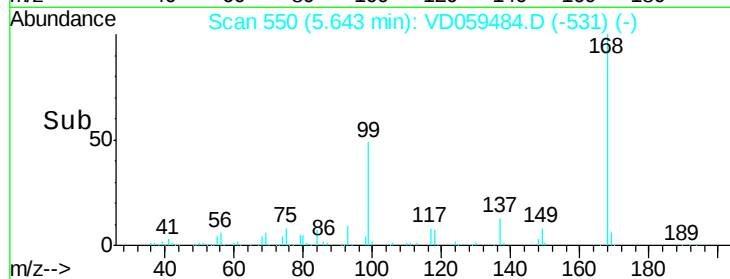
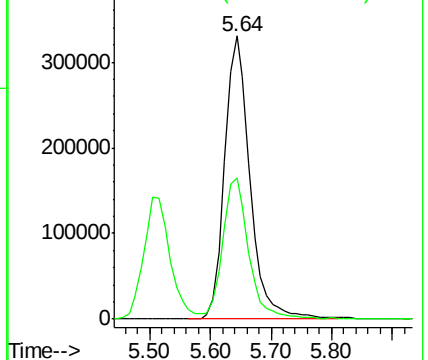
168 100

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: 45.172 ug/l

RT: 1.34 min Scan# 113

Delta R.T. -0.00 min

Lab File: VD059484.D

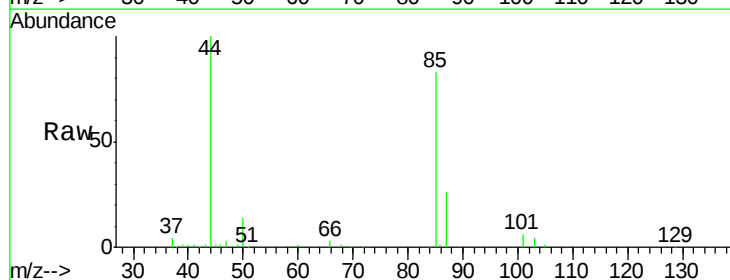
Acq: 29 Jun 2018 11:13

Tgt Ion: 85 Resp: 384810

Ion Ratio Lower Upper

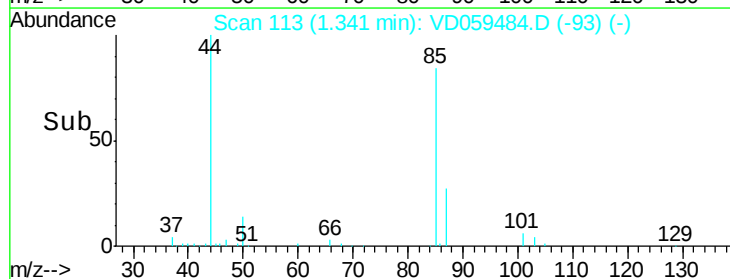
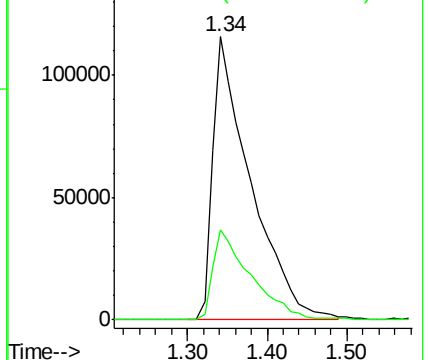
85 100

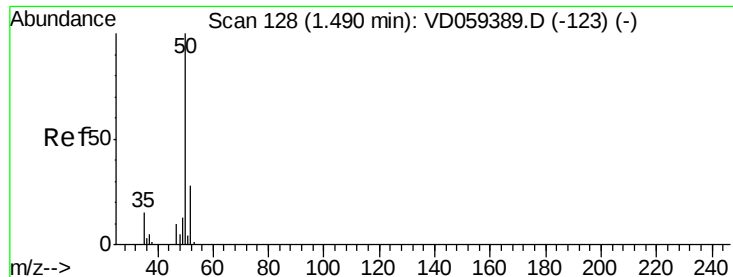
87 31.7 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.845 ug/l

RT: 1.49 min Scan# 128

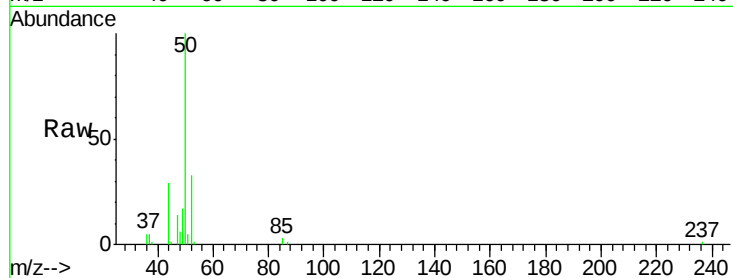
Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

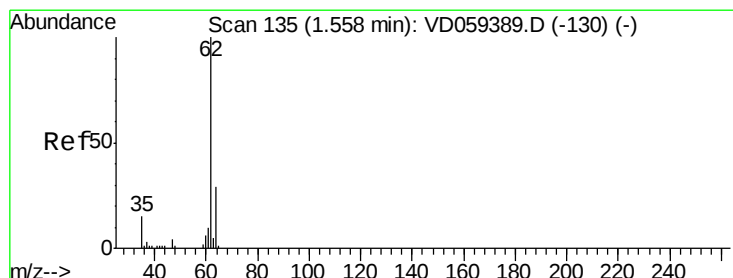
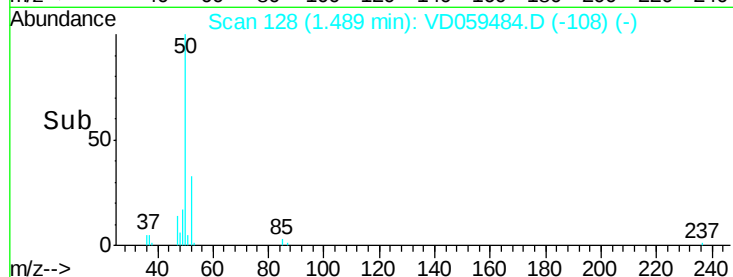
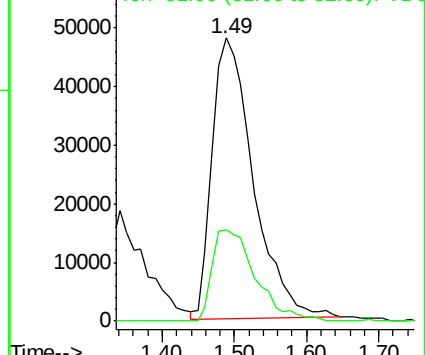
Tot Ion: 50 Resp: 189922

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: 43.709 ug/l

RT: 1.56 min Scan# 135

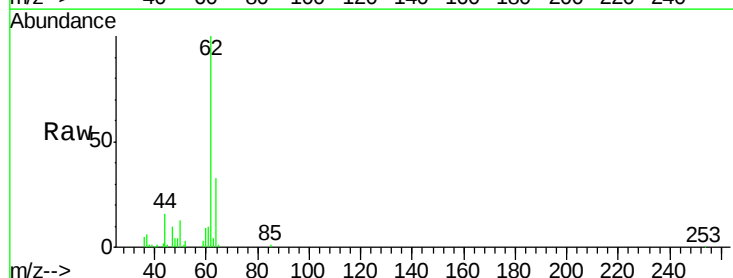
Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

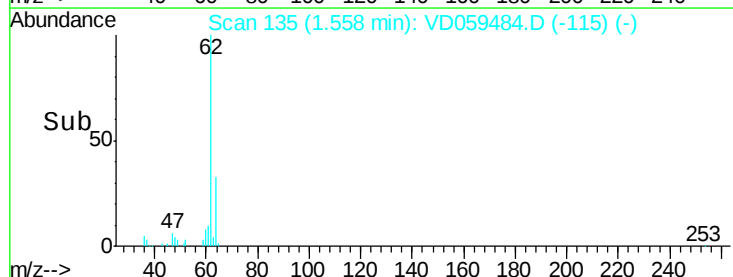
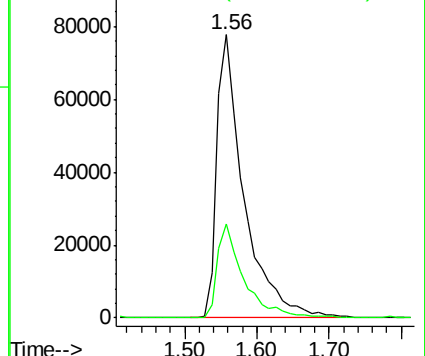
Tgt Ion: 62 Resp: 201008

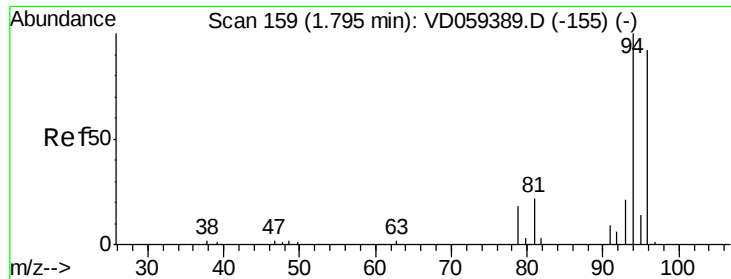
Ion	Ratio	Lower	Upper
62	100		
64	33.1	23.0	34.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 50.172 ug/l

RT: 1.79 min Scan# 159

Delta R.T. -0.00 min

Lab File: VD059484.D

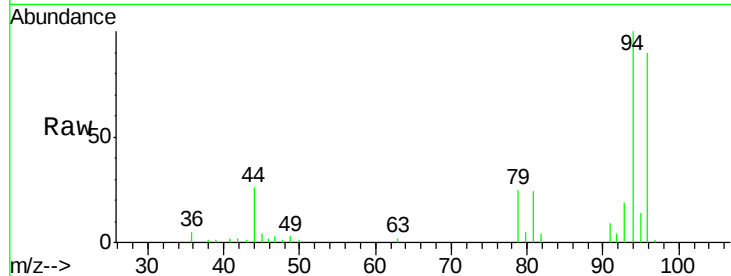
Acq: 29 Jun 2018 11:13

Tot Ion: 94 Resp: 79131

Ion Ratio Lower Upper

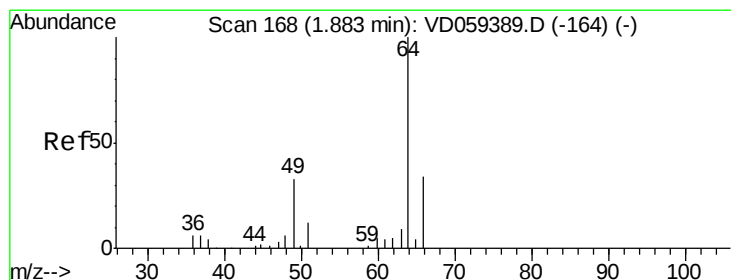
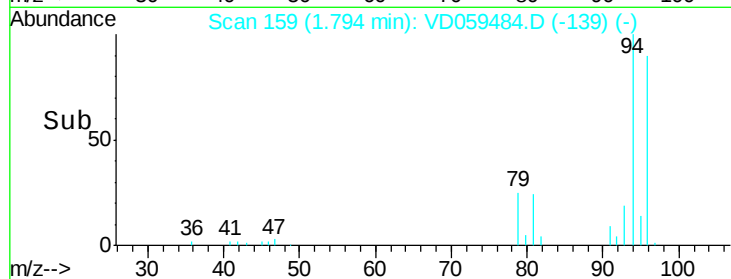
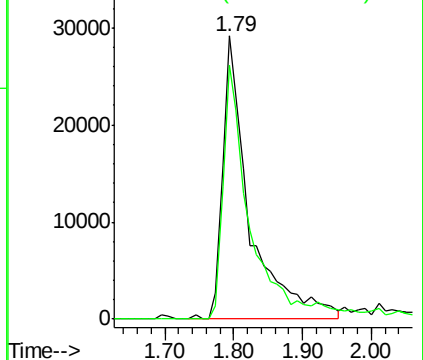
94 100

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: 52.792 ug/l

RT: 1.88 min Scan# 168

Delta R.T. -0.00 min

Lab File: VD059484.D

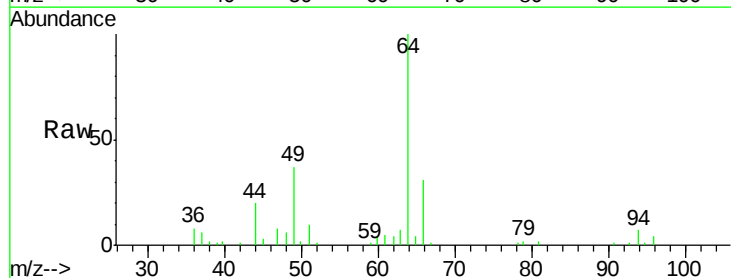
Acq: 29 Jun 2018 11:13

Tgt Ion: 64 Resp: 102337

Ion Ratio Lower Upper

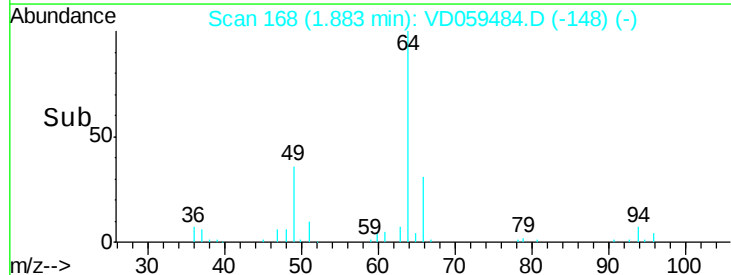
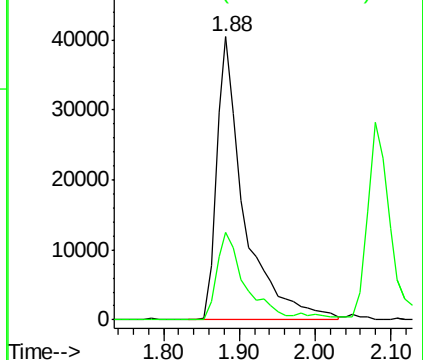
64 100

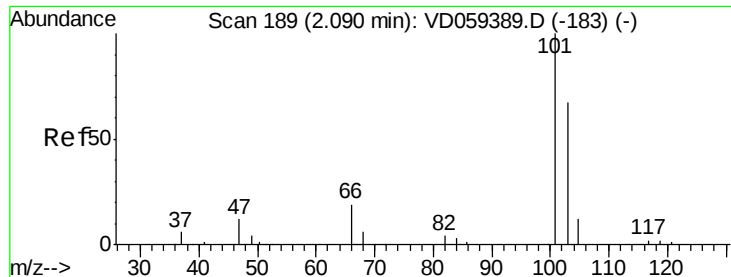
66 30.9 27.1 40.7



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

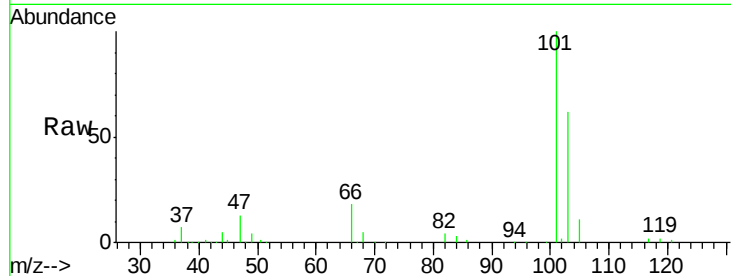




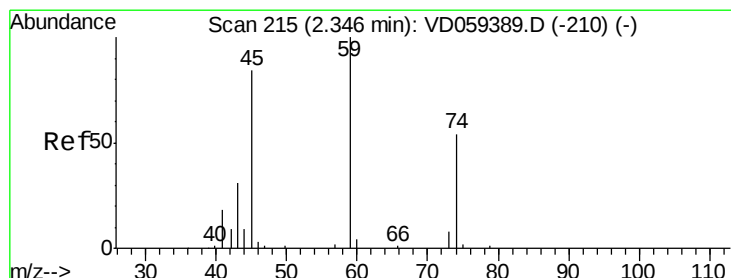
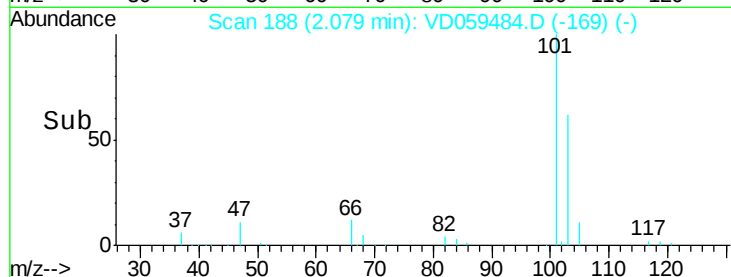
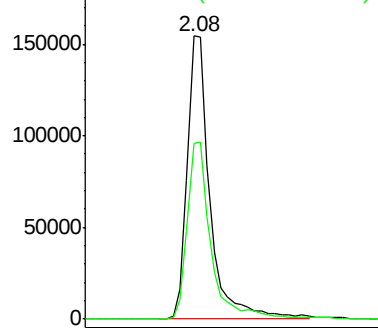
#7

Trichlorofluoromethane
Concen: 53.507 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



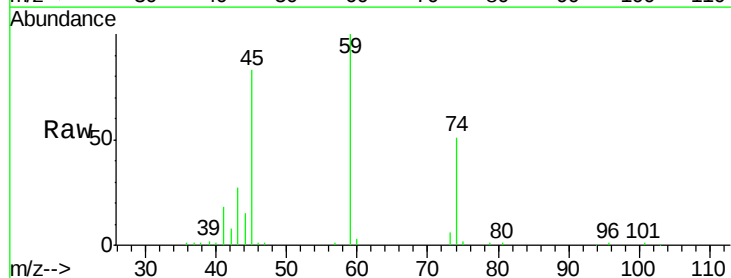
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



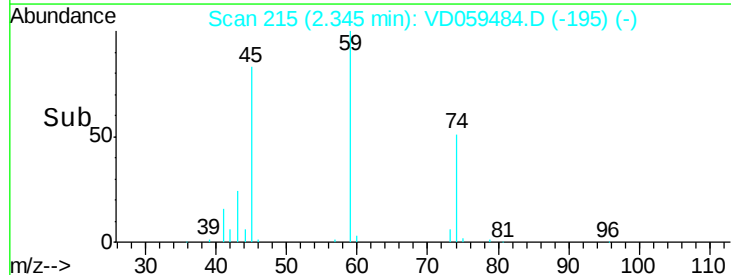
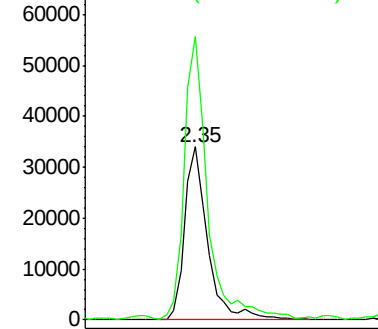
#8

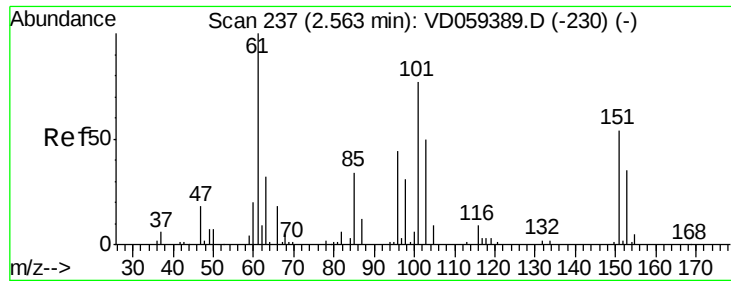
Diethyl Ether
Concen: 49.728 ug/l
RT: 2.35 min Scan# 215
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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: 53.517 ug/l

RT: 2.55 min Scan# 236

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

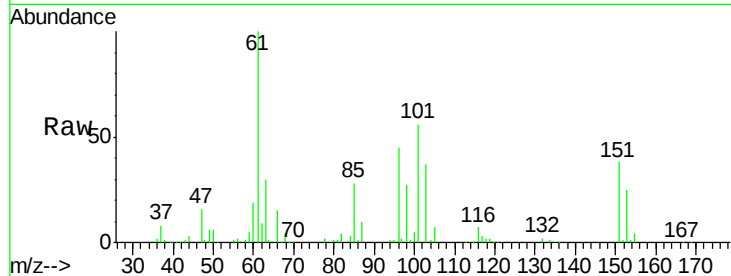
Tot Ion:101 Resp: 220532

Ion Ratio Lower Upper

101 100

85 49.8 35.7 53.5

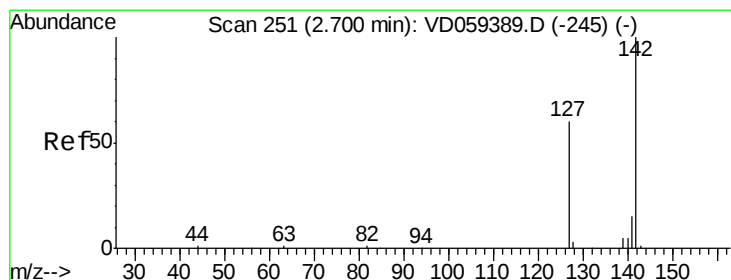
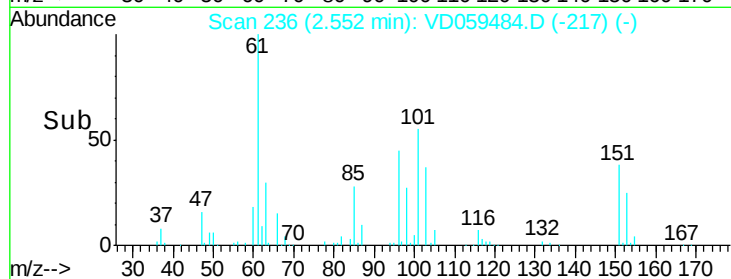
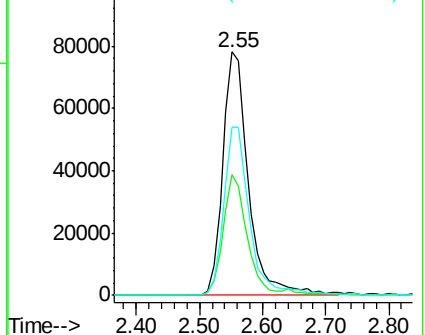
151 69.2 55.8 83.8



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: 49.236 ug/l

RT: 2.69 min Scan# 250

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

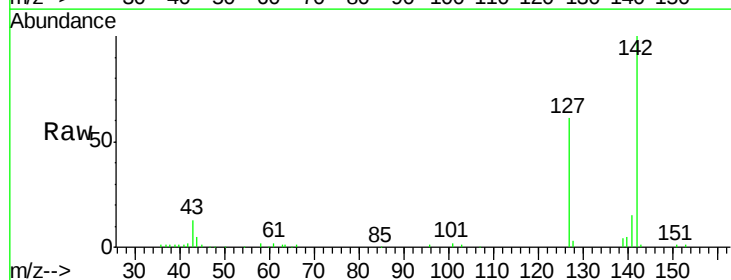
Tgt Ion:142 Resp: 236987

Ion Ratio Lower Upper

142 100

127 61.4 48.4 72.6

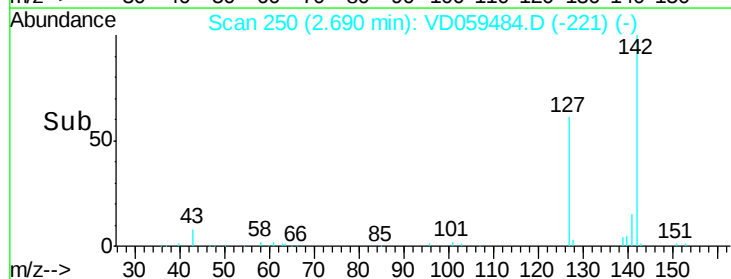
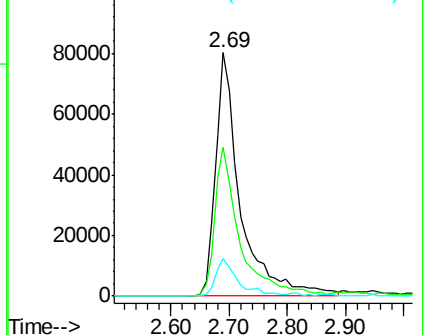
141 15.4 12.1 18.1

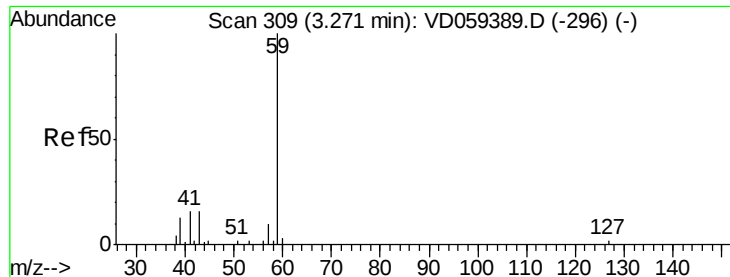


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

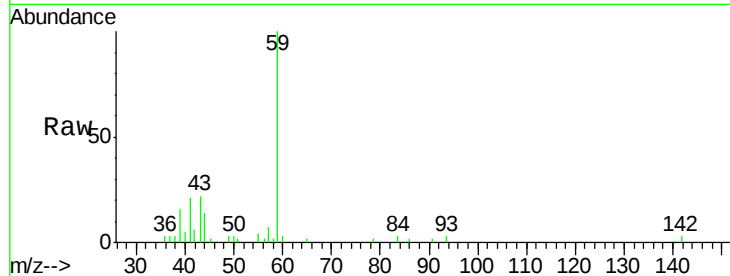




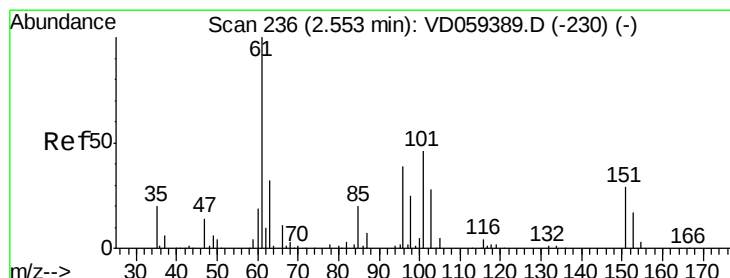
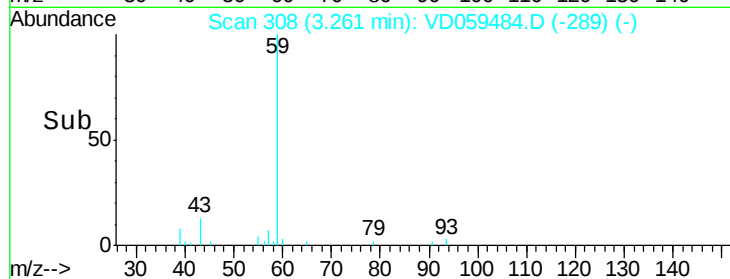
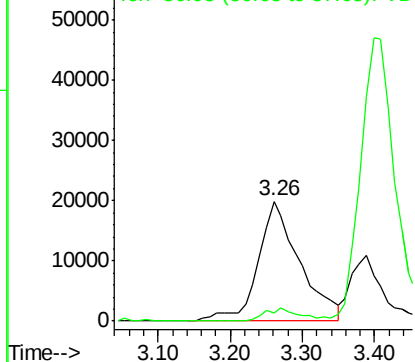
#11

Tert butyl alcohol
Concen: 235.064 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#



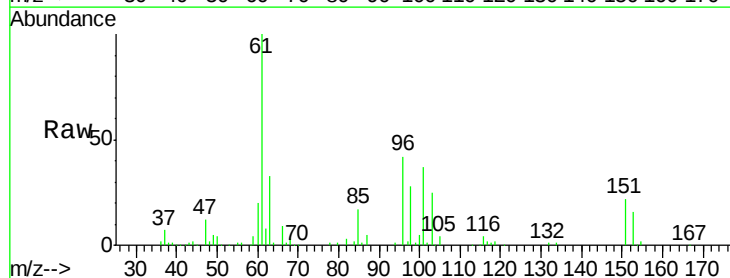
Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC



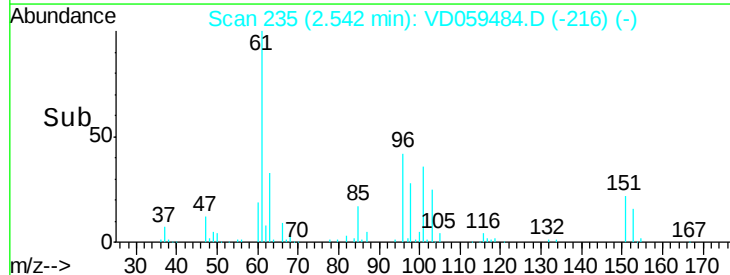
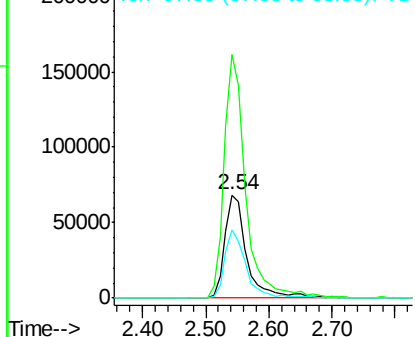
#12

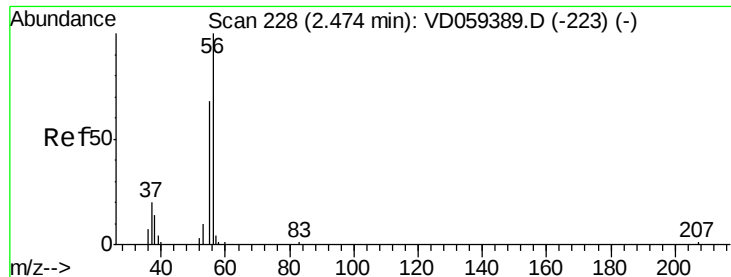
1,1-Dichloroethene
Concen: 52.476 ug/l
RT: 2.54 min Scan# 235
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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: 378.266 ug/l

RT: 2.47 min Scan# 228

Delta R.T. -0.00 min

Lab File: VD059484.D

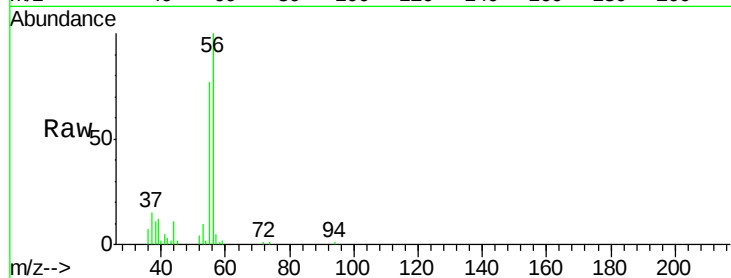
Acq: 29 Jun 2018 11:13

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

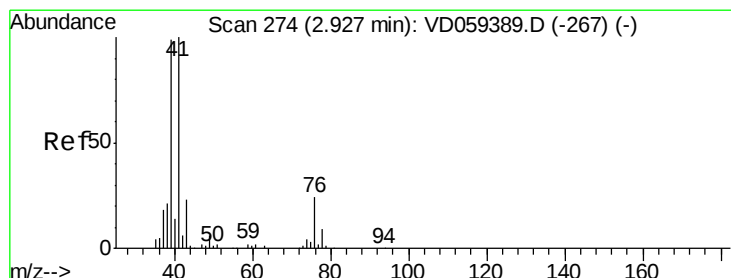
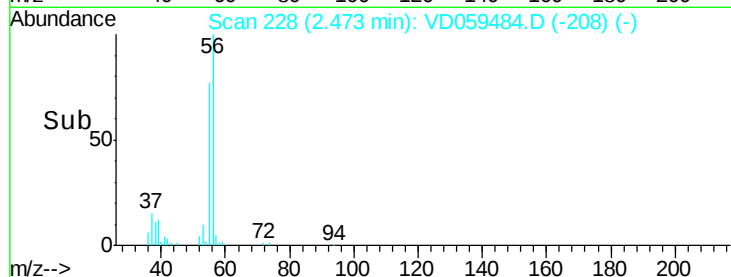
30000

20000

10000

0

Time--> 2.30 2.40 2.50 2.60



#14

Allyl chloride

Concen: 50.203 ug/l

RT: 2.92 min Scan# 273

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

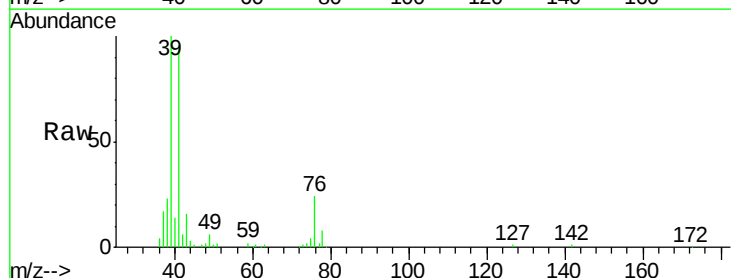
Tgt Ion: 41 Resp: 362531

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

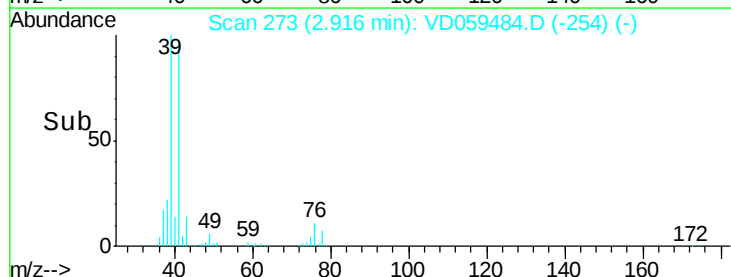
150000

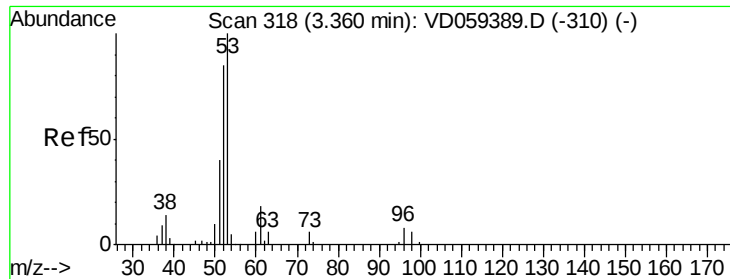
100000

50000

0

Time--> 2.80 2.90 3.00 3.10





#15

Acrylonitrile

Concen: 291.943 ug/l

RT: 3.37 min Scan# 319

Delta R.T. 0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

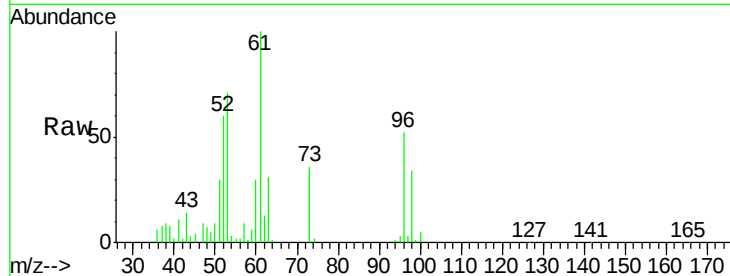
Tot Ion: 53 Resp: 303507

Ion Ratio Lower Upper

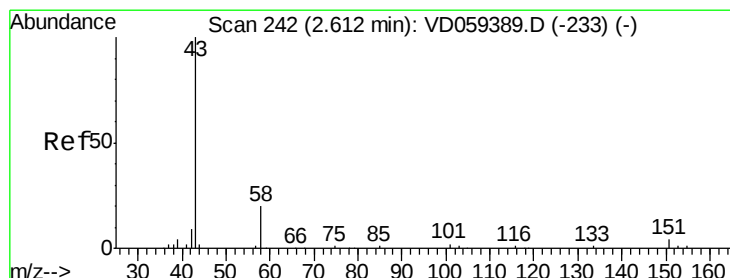
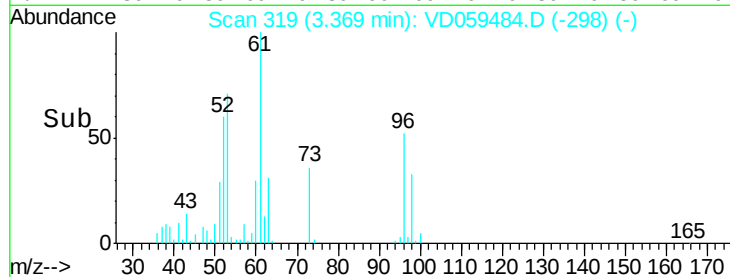
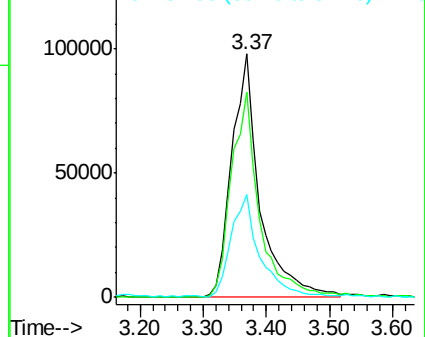
53 100

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: 299.807 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD059484.D

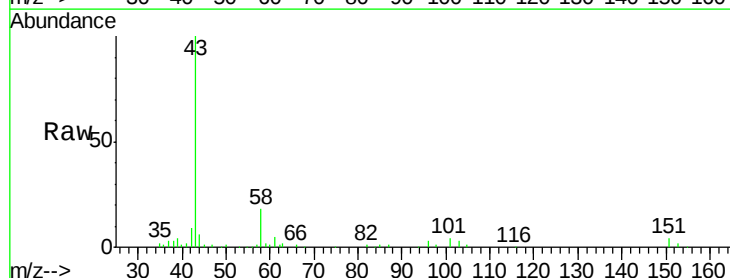
Acq: 29 Jun 2018 11:13

Tgt Ion: 43 Resp: 370495

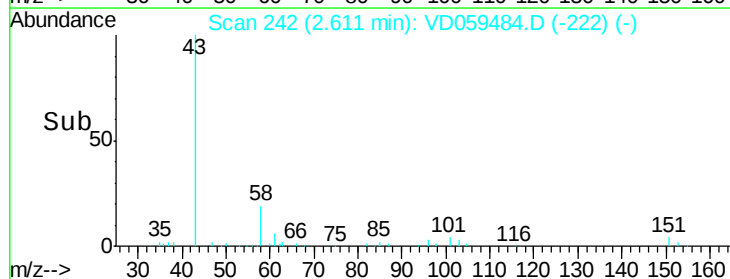
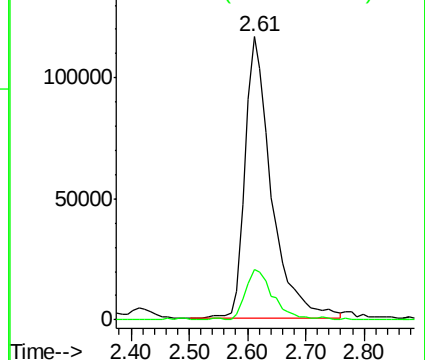
Ion Ratio Lower Upper

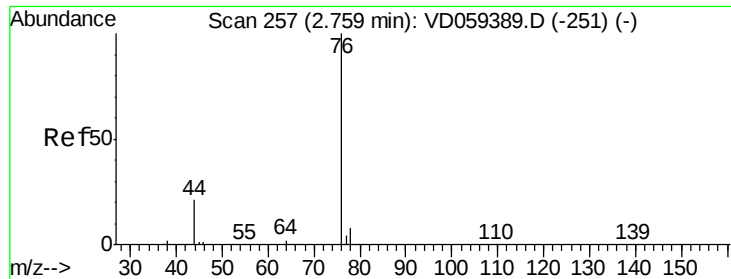
43 100

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: 45.321 ug/l

RT: 2.76 min Scan# 257

Delta R.T. -0.00 min

Lab File: VD059484.D

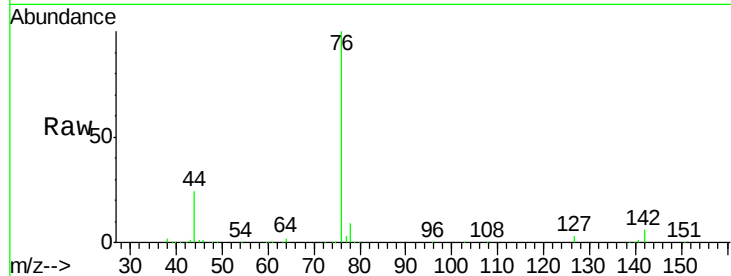
Acq: 29 Jun 2018 11:13

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

2.76

200000

150000

100000

50000

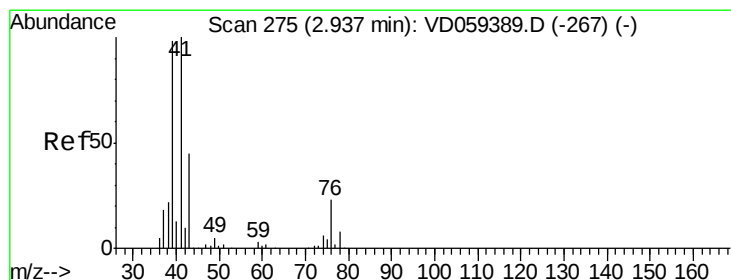
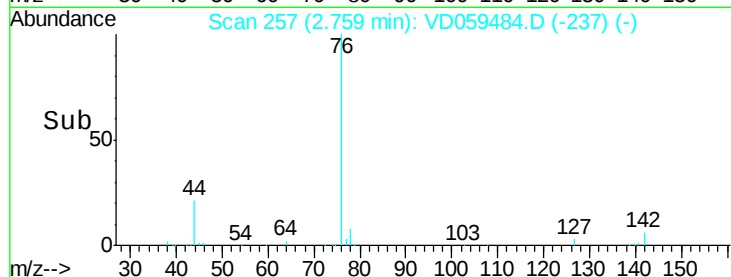
0

Time-->

2.70

2.80

2.90



#18

Methyl Acetate

Concen: 49.783 ug/l

RT: 2.94 min Scan# 275

Delta R.T. -0.00 min

Lab File: VD059484.D

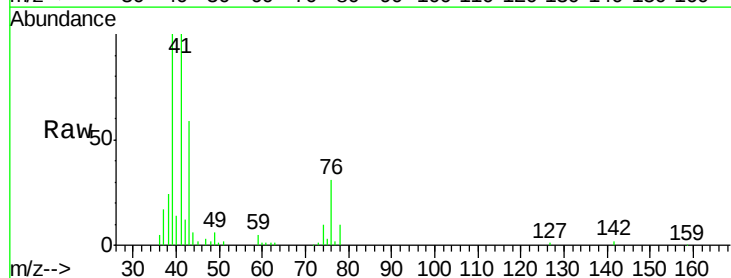
Acq: 29 Jun 2018 11:13

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

2.94

60000

50000

40000

30000

20000

10000

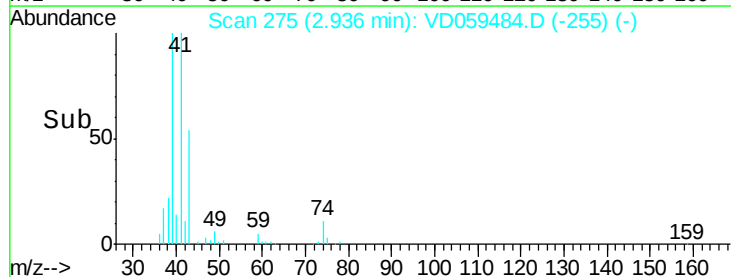
0

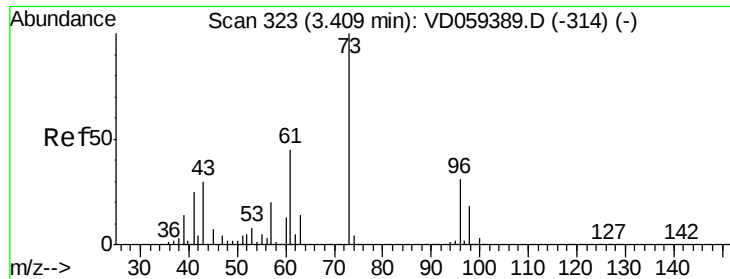
Time-->

2.80

2.90

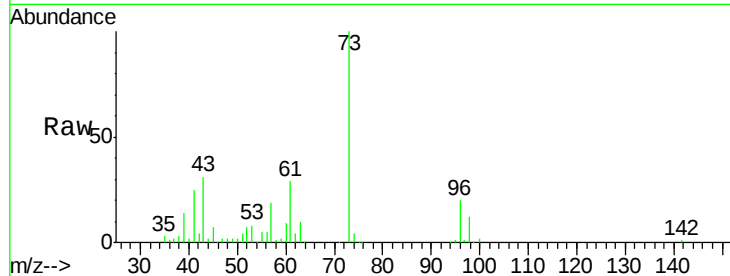
3.00



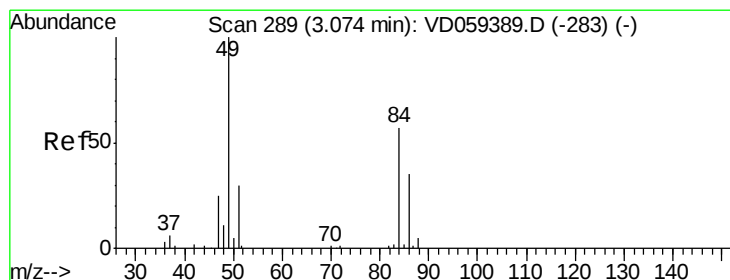
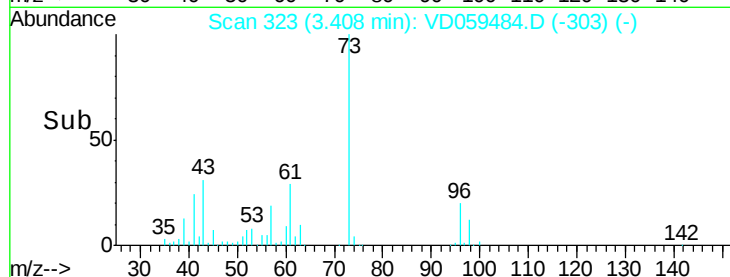
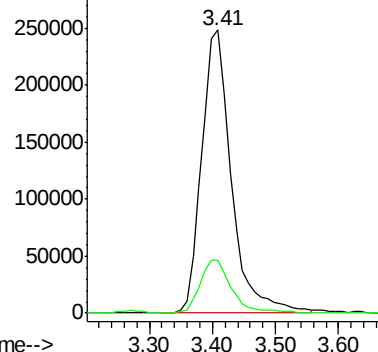


#19
Methvl tert-butvl Ether
Concen: 52.025 ug/l
RT: 3.41 min Scan# 323
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

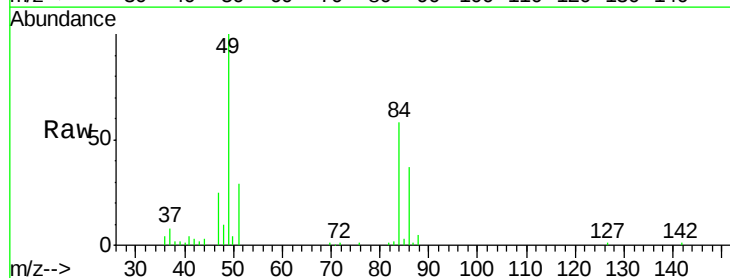


Abundance Ion 73.00 (72.70 to 73.70): VDC
Ion 57.05 (56.75 to 57.75): VDC

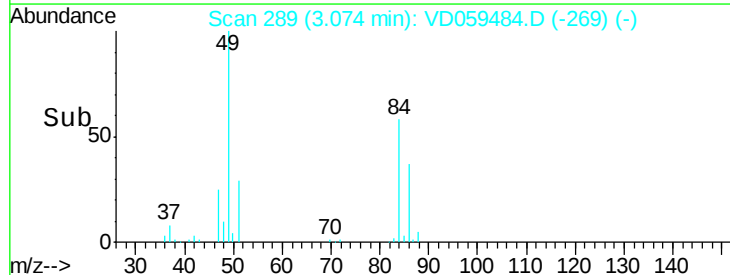
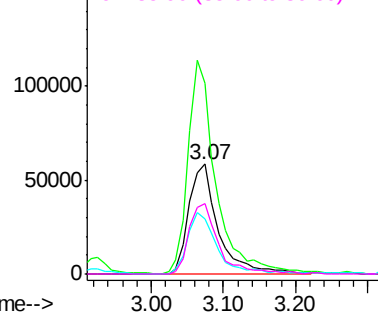


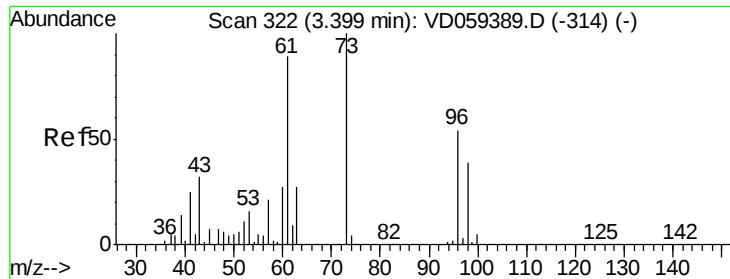
#20
Methylene Chloride
Concen: 47.989 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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



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





#21

trans-1,2-Dichloroethene

Concen: 57.321 ug/l

RT: 3.39 min Scan# 321

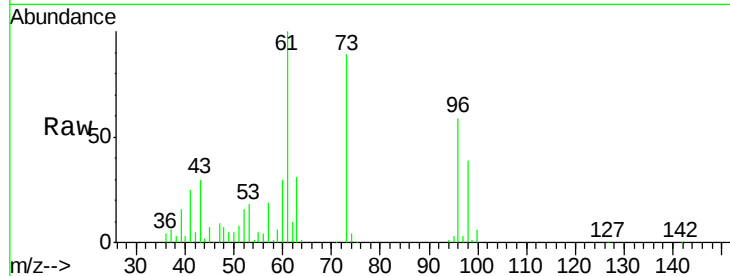
Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

Tot Ion: 96 Resp: 319746

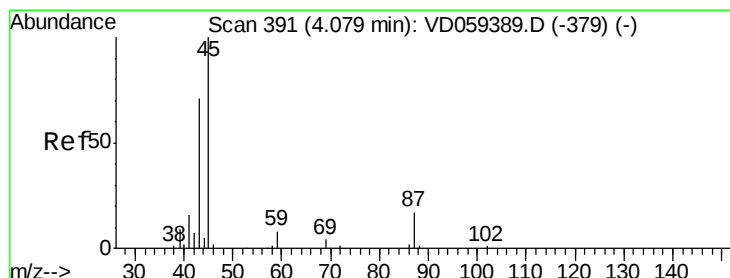
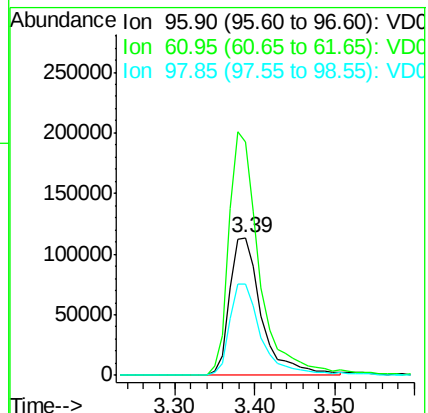
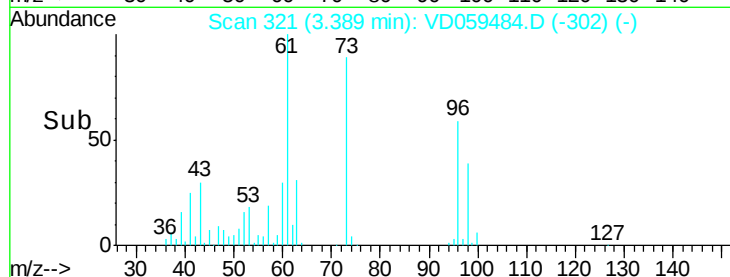
Ion	Ratio	Lower	Upper
96	100		
61	170.3	131.0	196.4
98	66.6	56.8	85.2



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: 49.482 ug/l

RT: 4.07 min Scan# 390

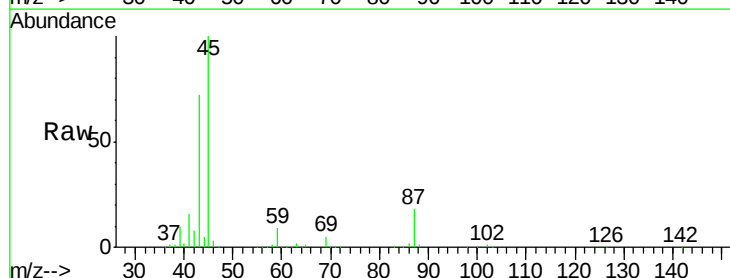
Delta R.T. -0.01 min

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

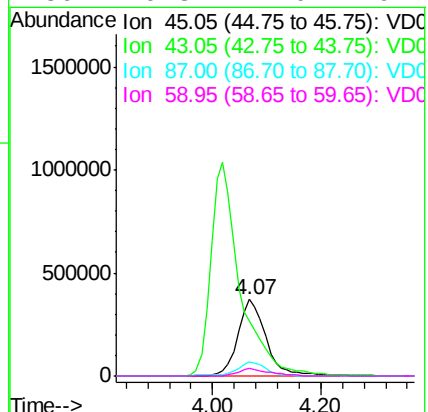
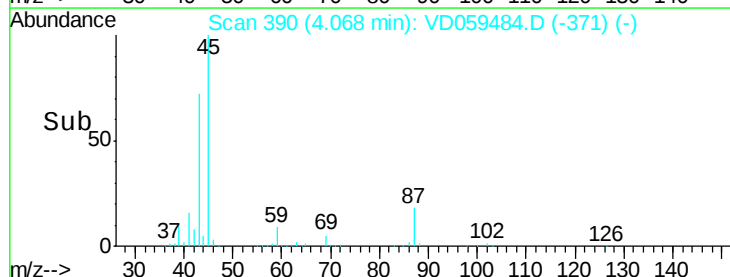


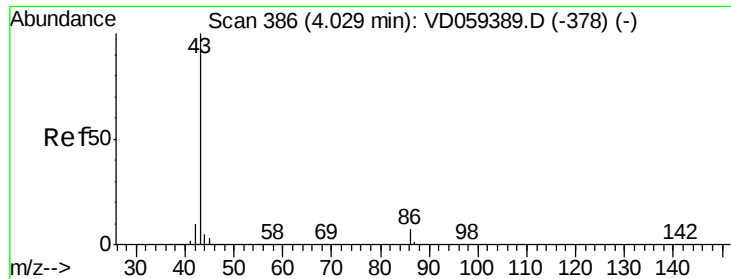
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 272.447 ug/l

RT: 4.02 min Scan# 385

Delta R.T. -0.01 min

Lab File: VD059484.D

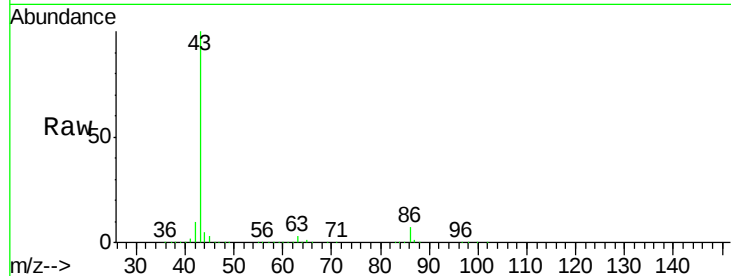
Acq: 29 Jun 2018 11:13

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

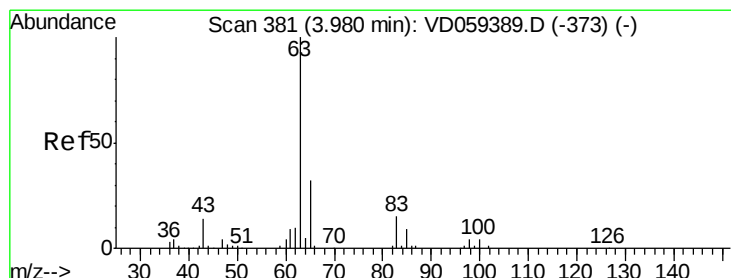
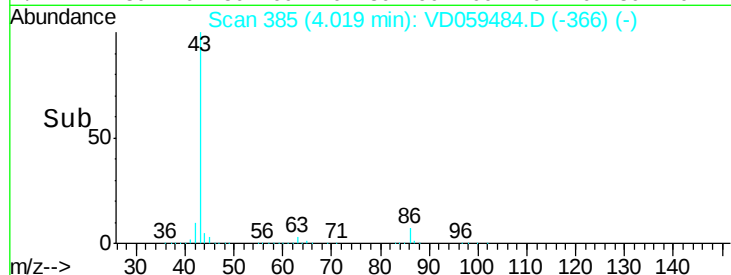
200000

0

Time-->

3.90 4.00 4.10 4.20

4.02



#24

1,1-Dichloroethane

Concen: 50.214 ug/l

RT: 3.97 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

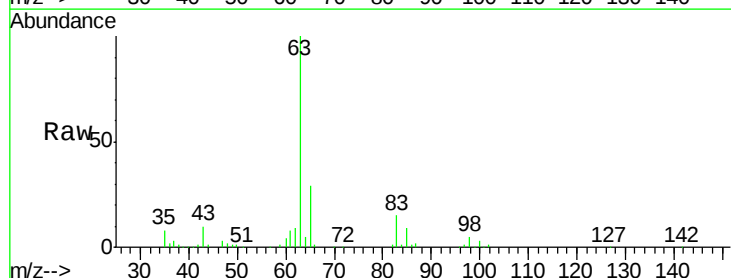
Tgt Ion: 63 Resp: 780684

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

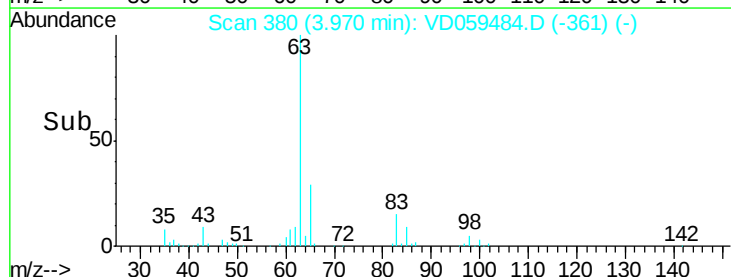
50000

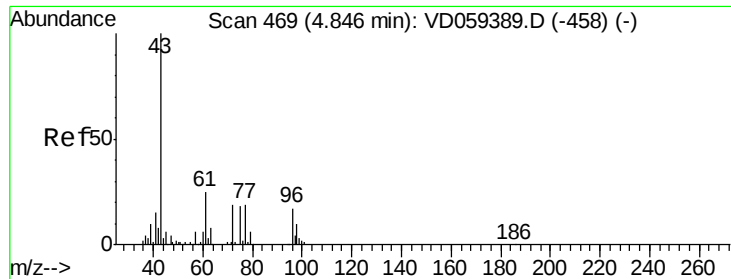
0

Time-->

3.80 3.90 4.00 4.10 4.20

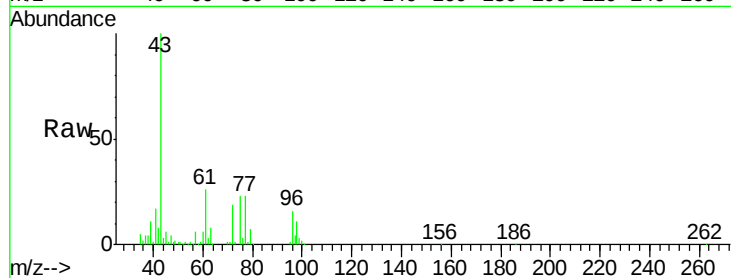
3.97



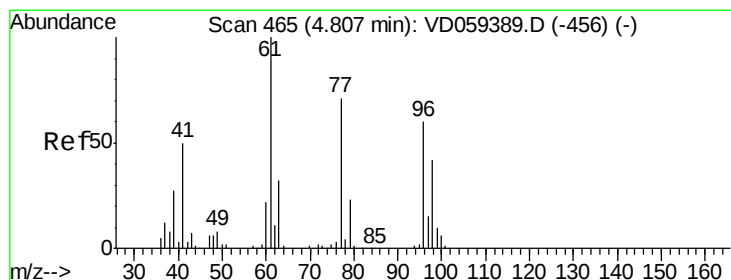
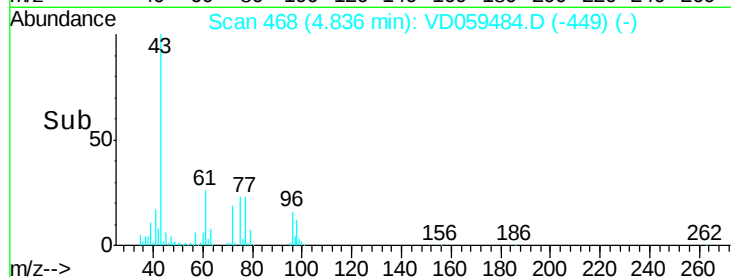
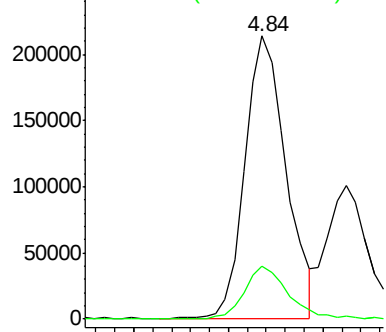


#25
2-Butanone
Concen: 248.134 ug/l
RT: 4.84 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

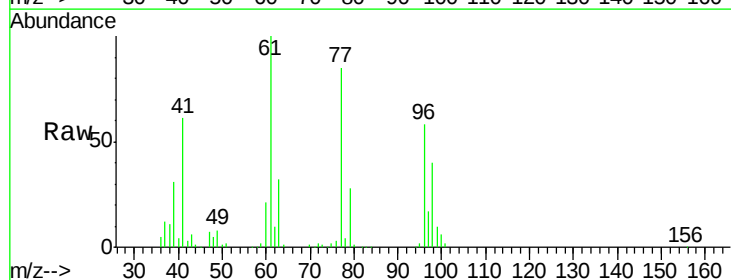


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

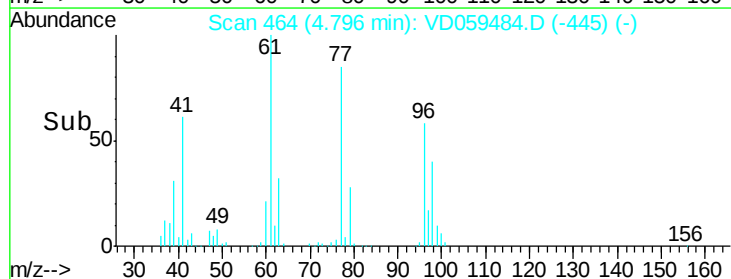
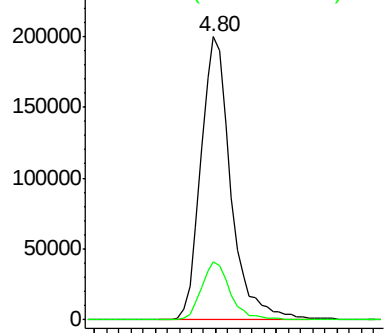


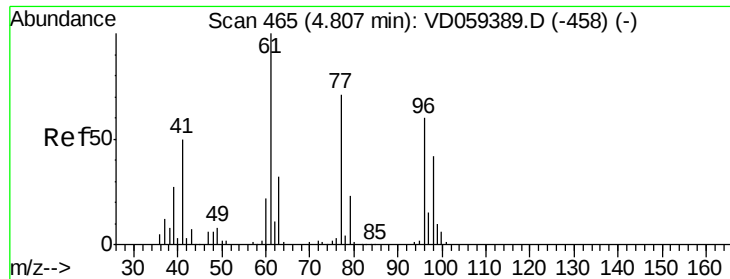
#26
2,2-Dichloropropane
Concen: 56.865 ug/l
RT: 4.80 min Scan# 464
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

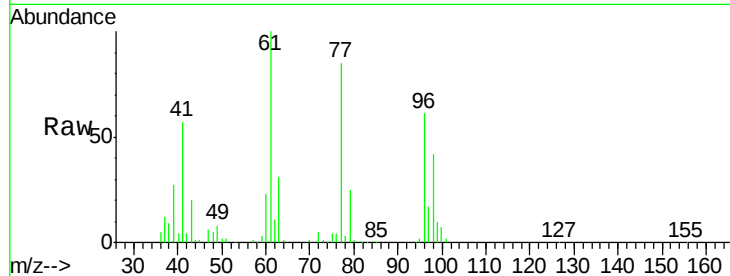




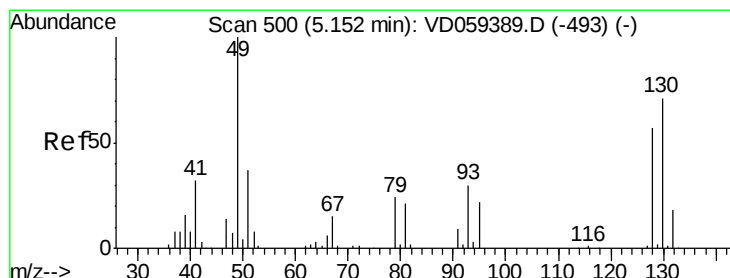
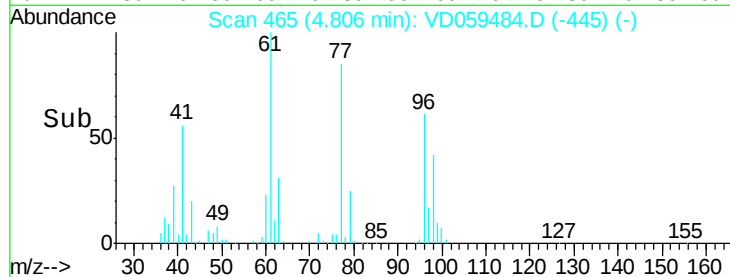
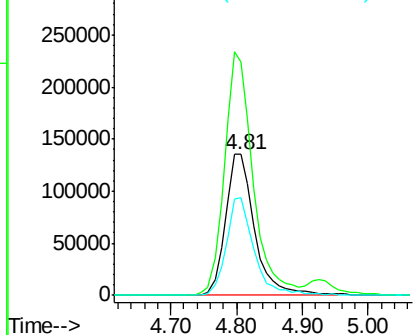
#27

cis-1,2-Dichloroethene
Concen: 44.669 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	Ratio	Lower	Upper
96	100		
61	165.2	0.0	335.8
98	69.2	0.0	141.0



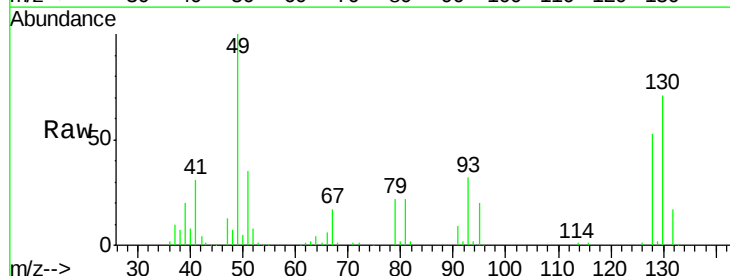
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



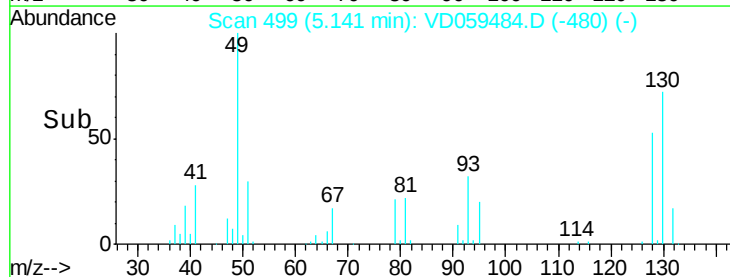
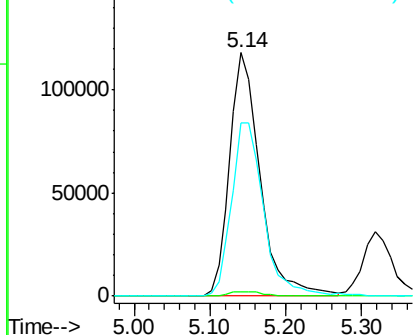
#28

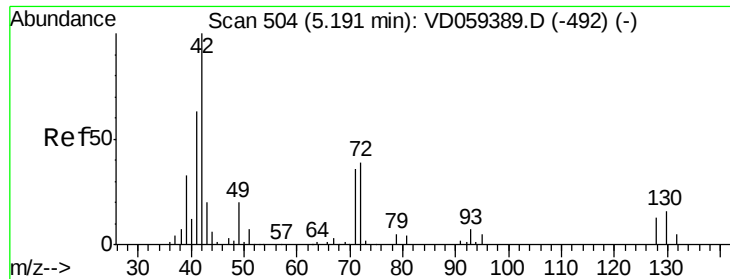
Bromochloromethane
Concen: 48.822 ug/l
RT: 5.14 min Scan# 499
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.4
130	71.4	57.0	85.6



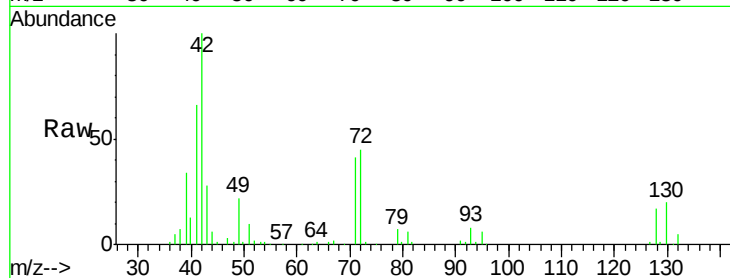
Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC



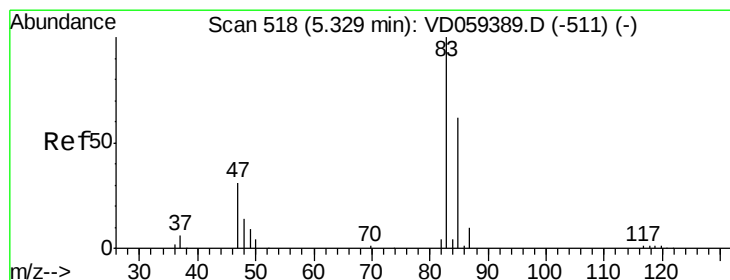
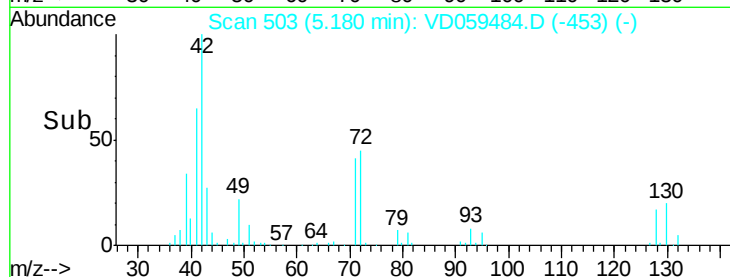
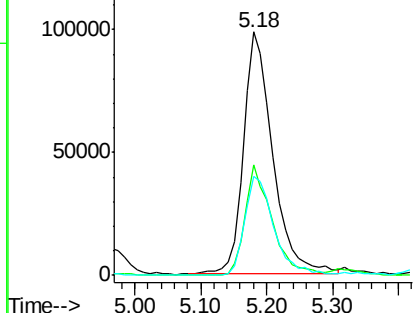


#29
Tetrahydrofuran
Concen: 218.615 ug/l
RT: 5.18 min Scan# 503
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

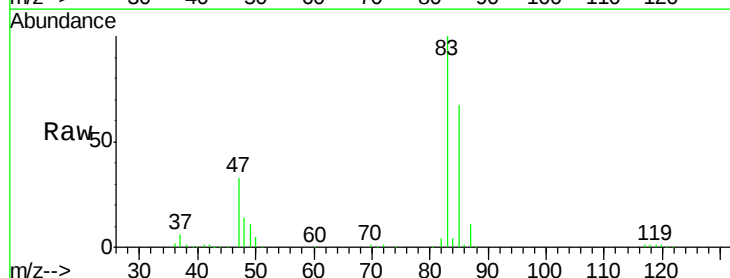


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

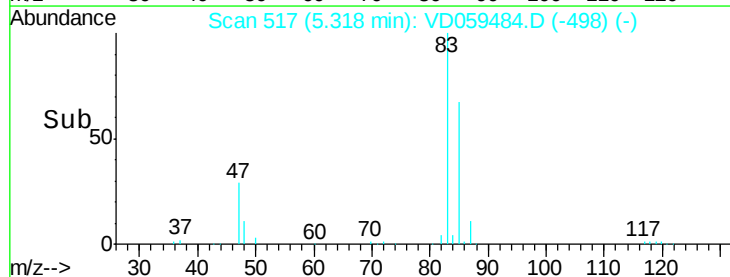
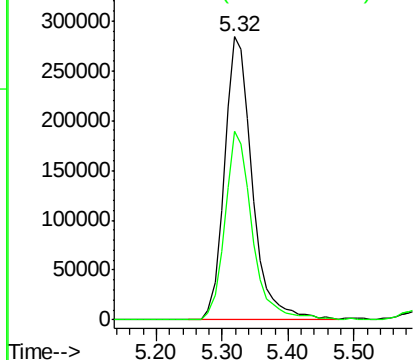


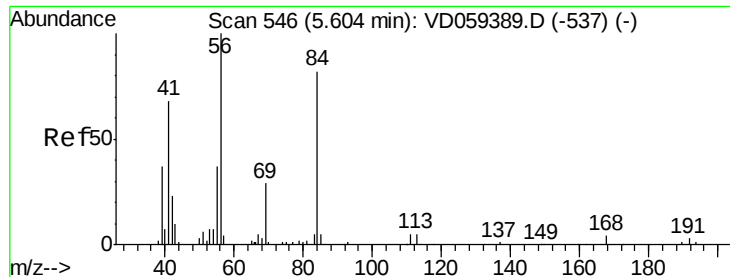
#30
Chloroform
Concen: 49.398 ug/l
RT: 5.32 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.3	73.9



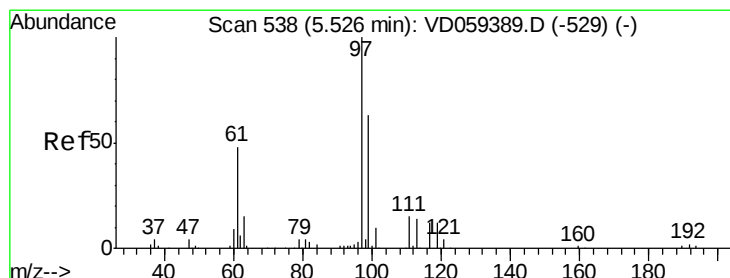
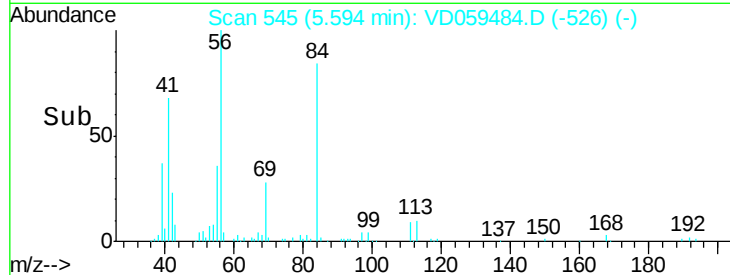
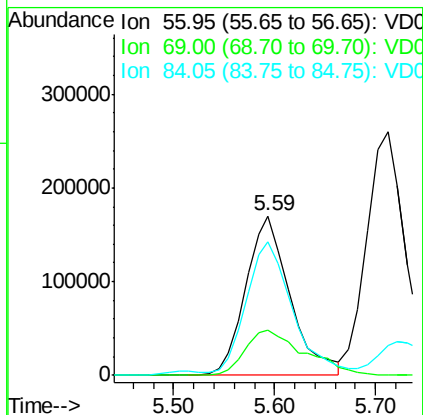
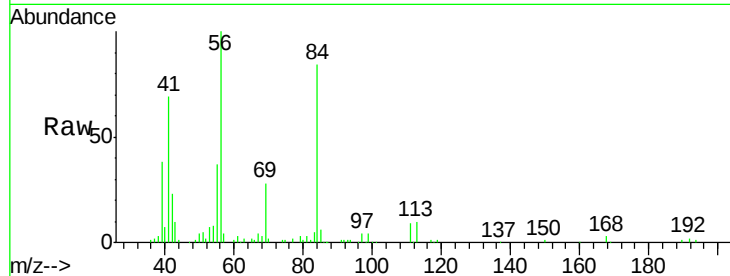
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





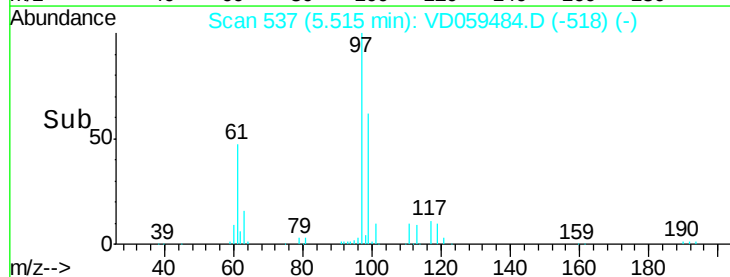
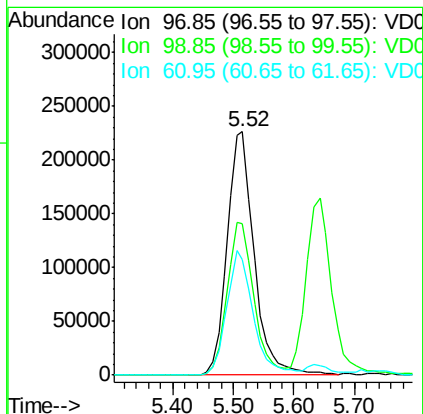
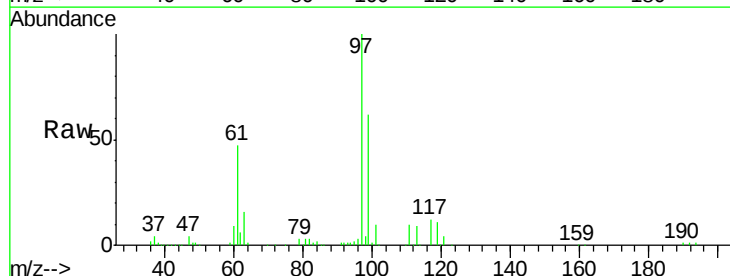
#31
Cyclohexane
Concen: 50.739 ug/l
RT: 5.59 min Scan# 545
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

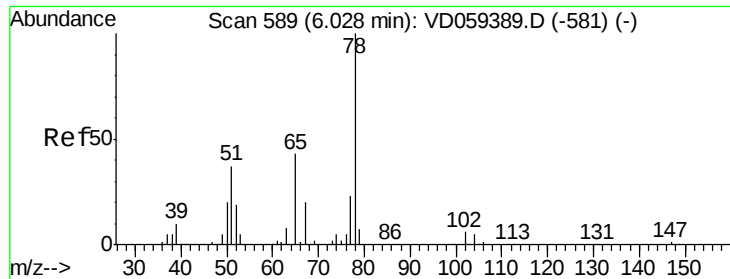
Tot Ion	56	Resp	519946
Ion Ratio	Lower	Upper	
56	100		
69	28.1	22.9	34.3
84	84.0	67.3	100.9



#32
1,1,1-Trichloroethane
Concen: 51.075 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: 51.075 ug/l

RT: 6.02 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD059484.D

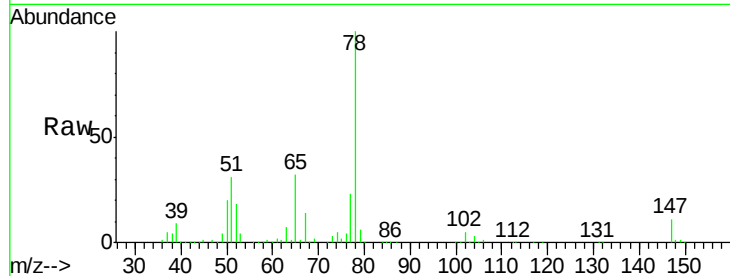
Acq: 29 Jun 2018 11:13

Tot Ion: 65 Resp: 392105

Ion Ratio Lower Upper

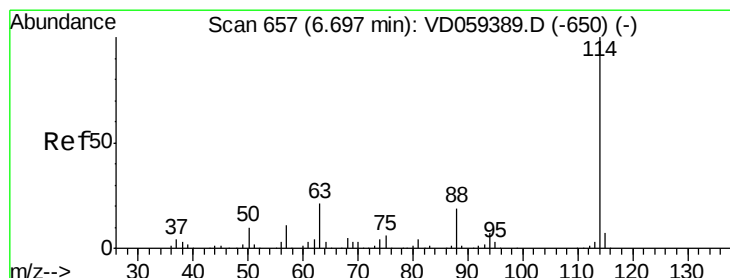
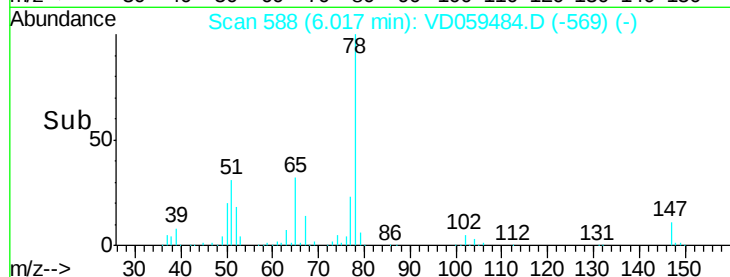
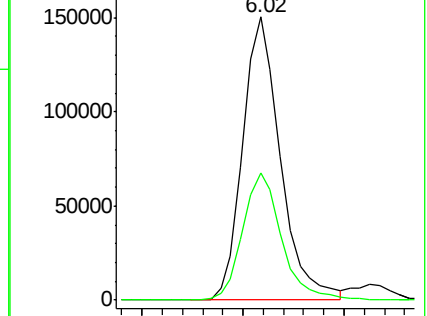
65 100

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: 50.000 ug/l

RT: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

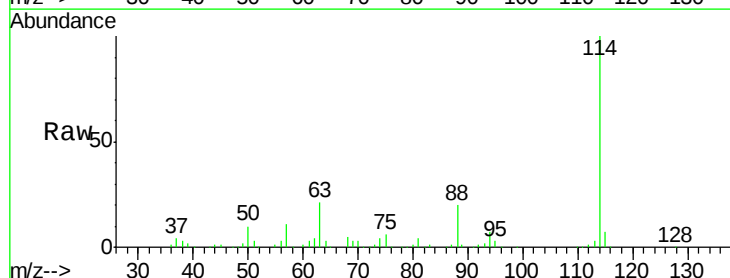
Tgt Ion: 114 Resp: 1221459

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

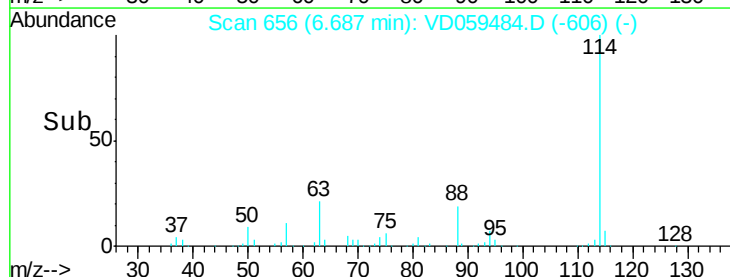
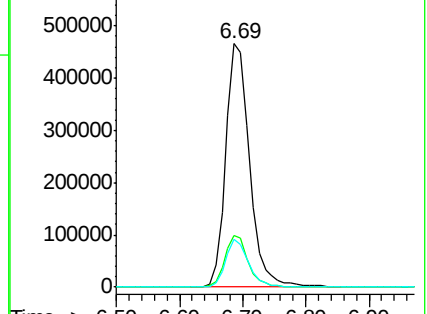
88 19.6 0.0 38.0

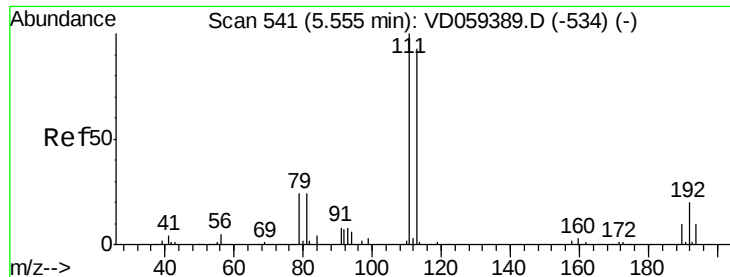


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

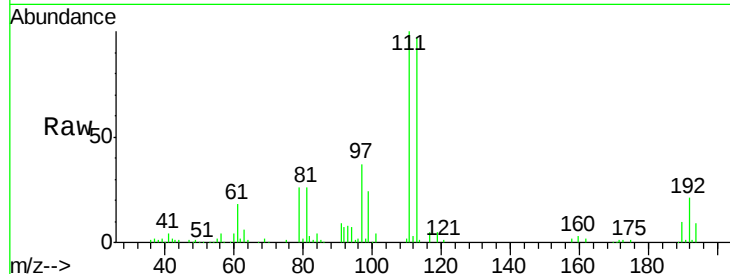
Ion 87.90 (87.60 to 88.60): VDC



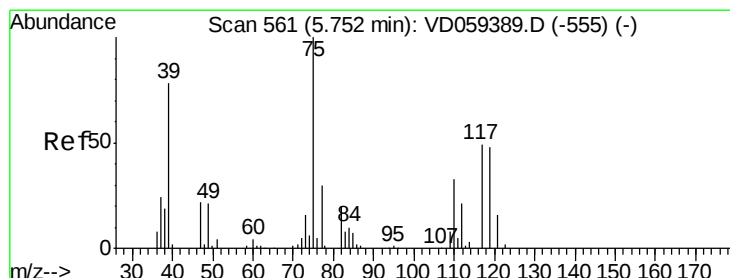
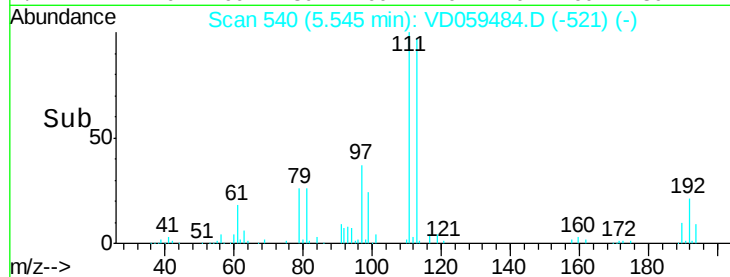
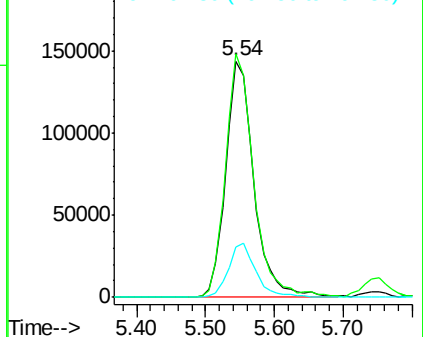


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

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

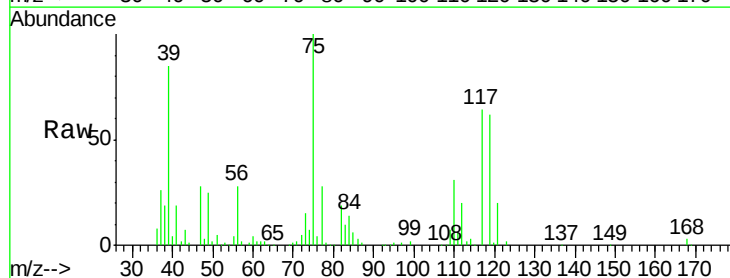


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

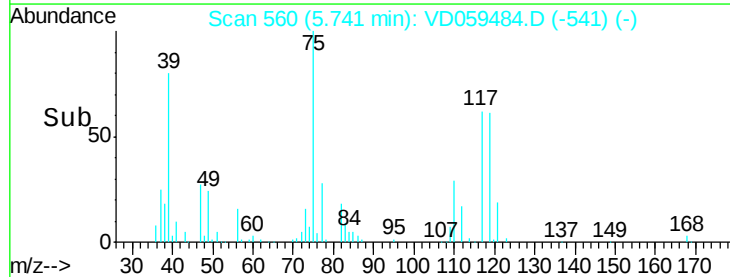
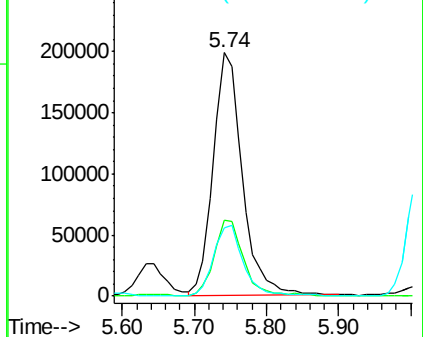


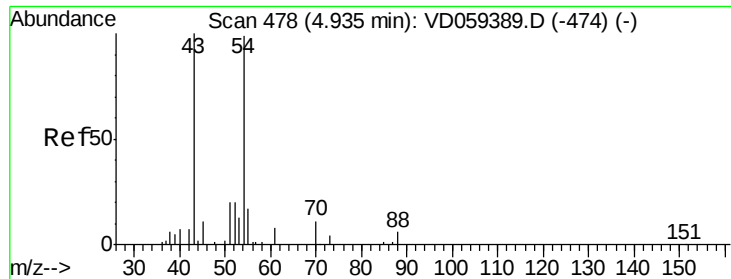
#36
 1,1-Dichloropropene
 Concen: 49.710 ug/l
 RT: 5.74 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

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



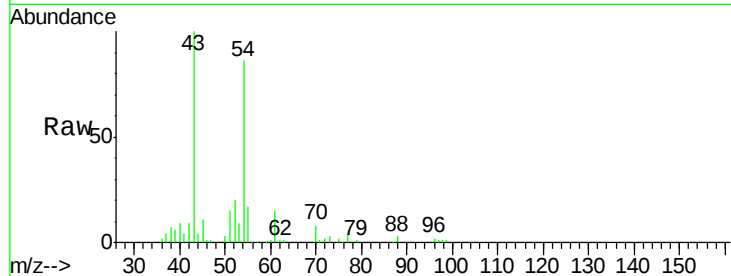
Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC



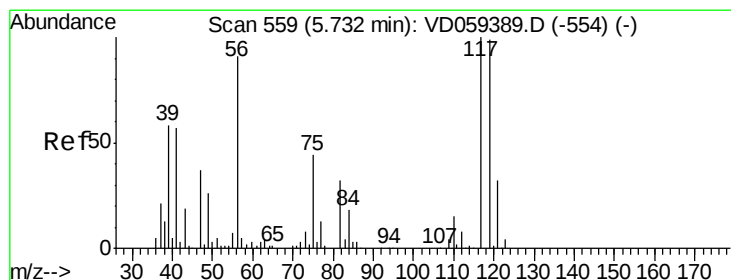
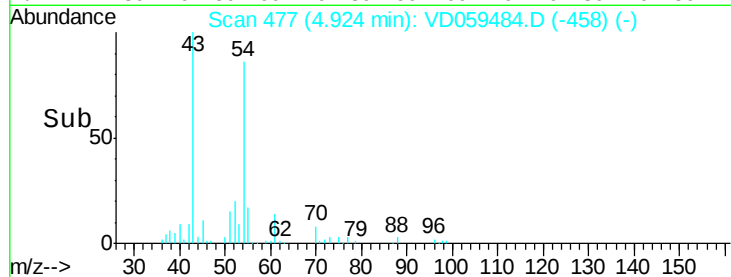
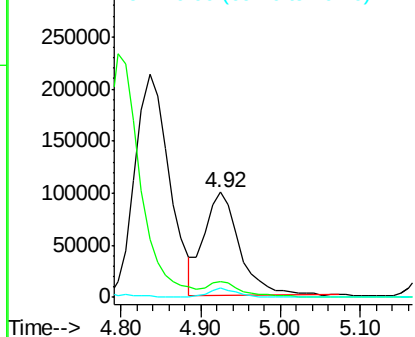


#37
Ethyl Acetate
Concen: 45.668 ug/l
RT: 4.92 min Scan# 477
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

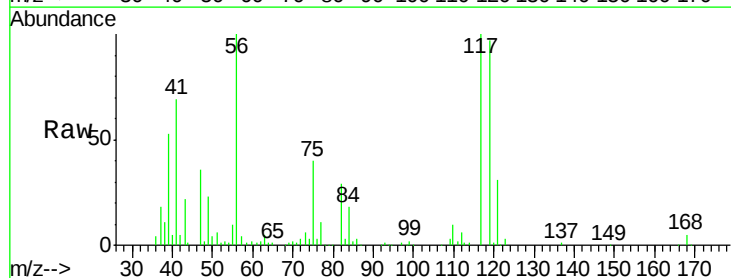


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

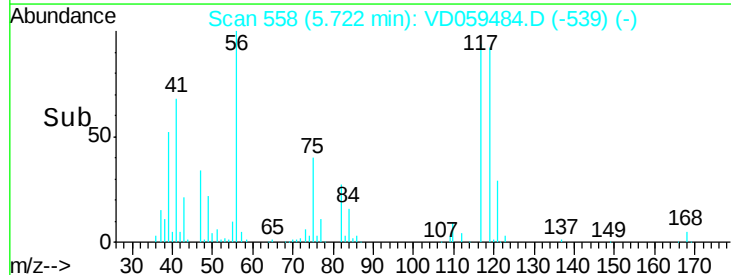
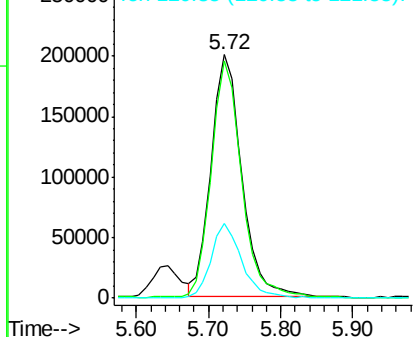


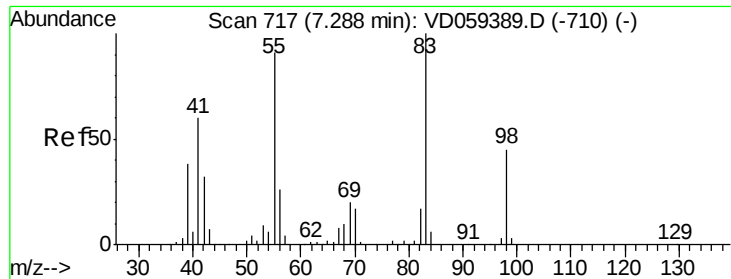
#38
Carbon Tetrachloride
Concen: 51.714 ug/l
RT: 5.72 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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



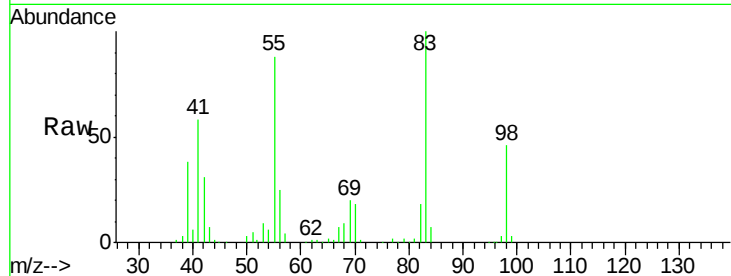
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



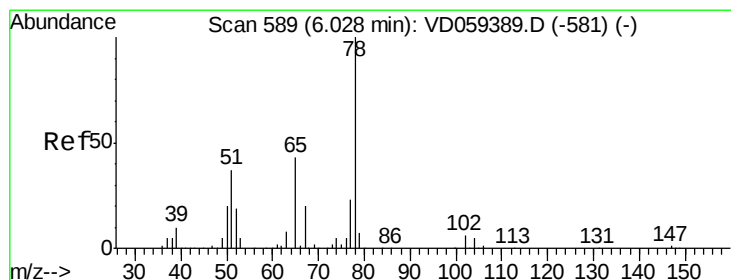
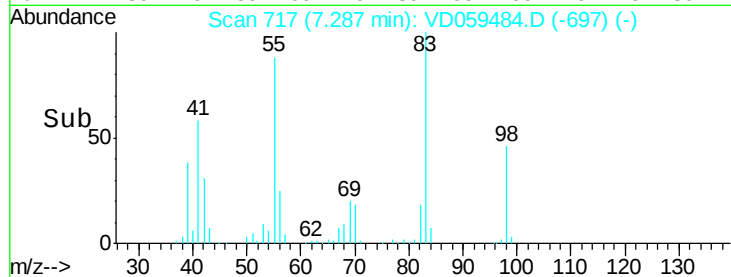
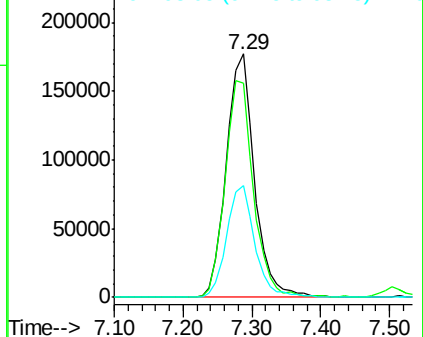


#39
Methvlcvclohexane
Concen: 47.697 ug/l
RT: 7.29 min Scan# 717
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

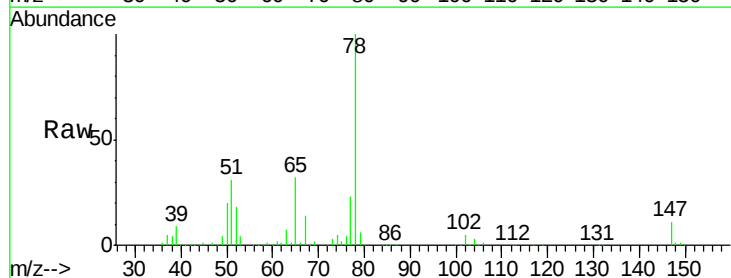


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

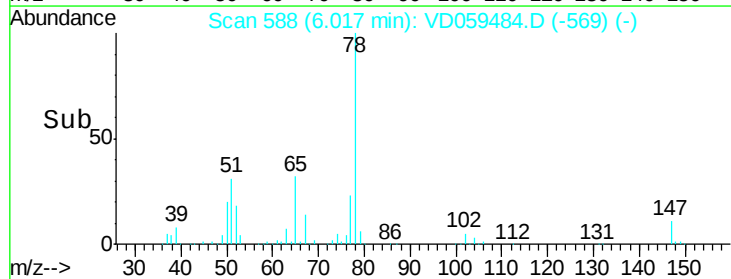
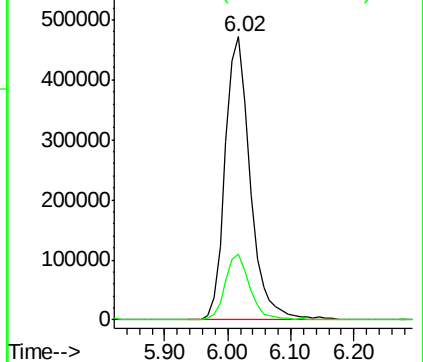


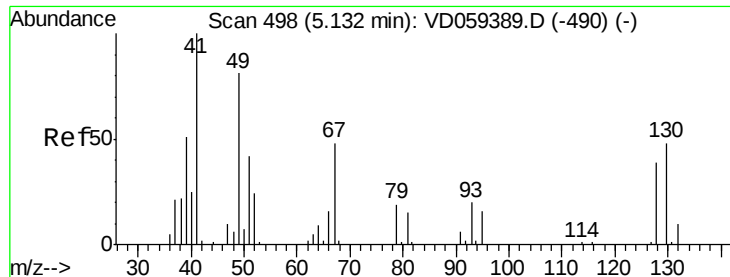
#40
Benzene
Concen: 48.969 ug/l
RT: 6.02 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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: 48.524 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

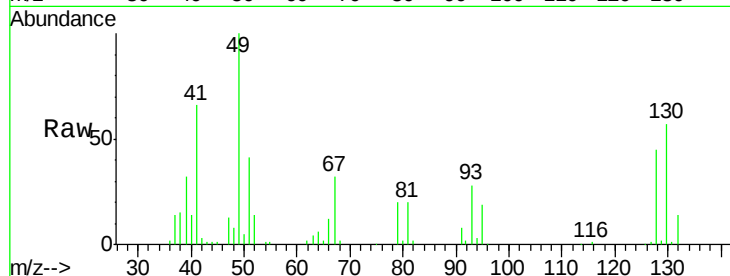
Ion Ratio Lower Upper

41 100

39 47.8 41.5 62.3

67 49.0 38.7 58.1

52 21.9 19.4 29.2

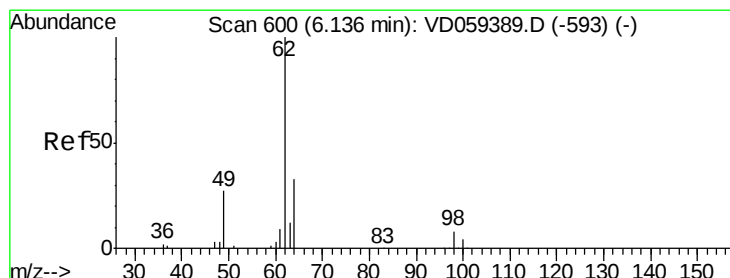
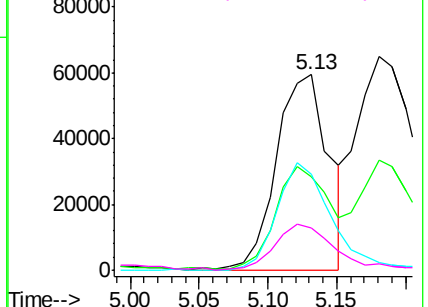
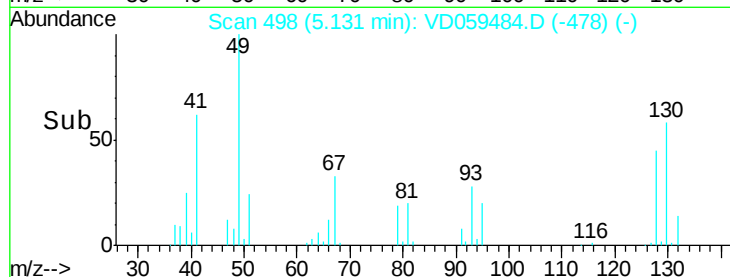


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 48.053 ug/l

RT: 6.13 min Scan# 599

Delta R.T. -0.01 min

Lab File: VD059484.D

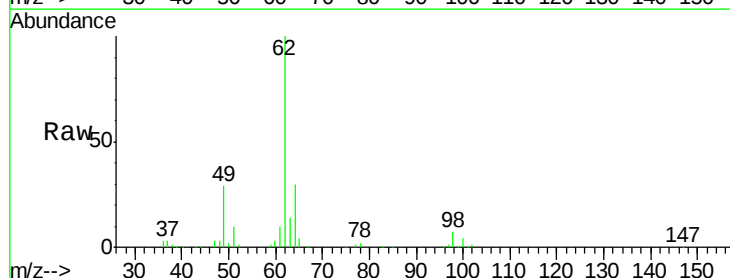
Acq: 29 Jun 2018 11:13

Tgt Ion: 62 Resp: 564565

Ion Ratio Lower Upper

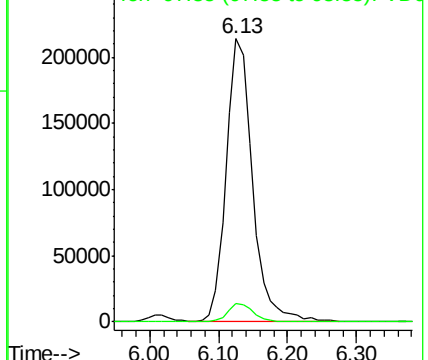
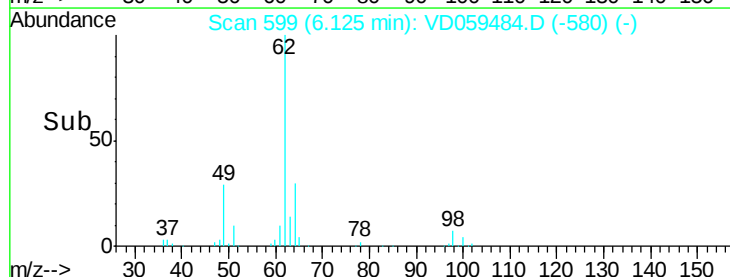
62 100

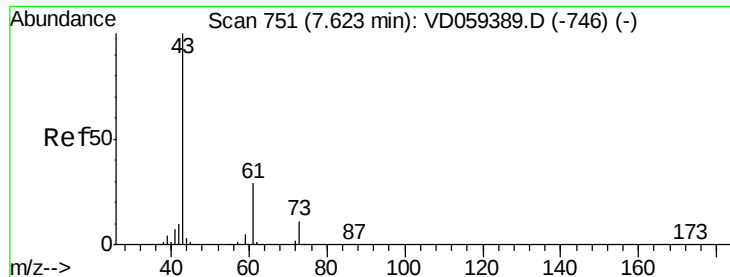
98 6.6 0.0 15.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 49.257 ug/l

RT: 7.61 min Scan# 750

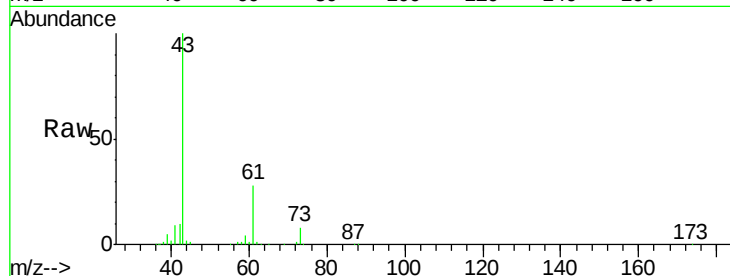
Delta R.T. -0.01 min

Lab File: VD059484.D

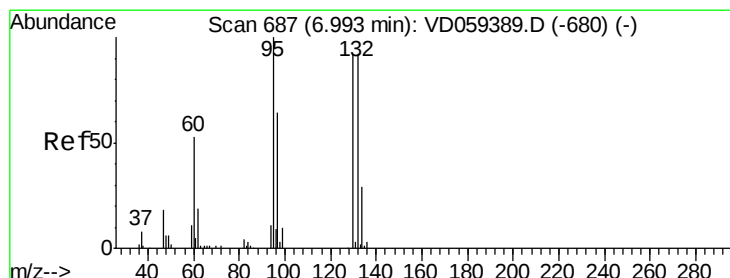
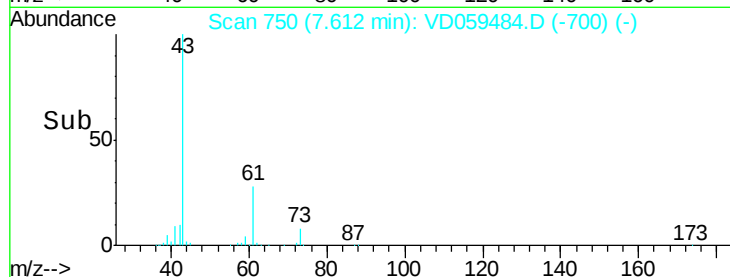
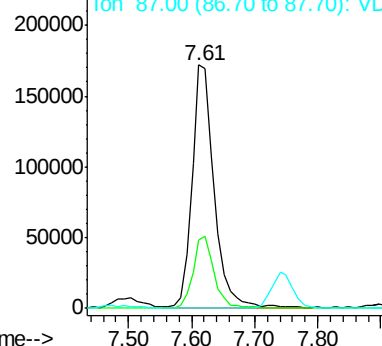
Acq: 29 Jun 2018 11:13

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: 47.802 ug/l

RT: 6.98 min Scan# 686

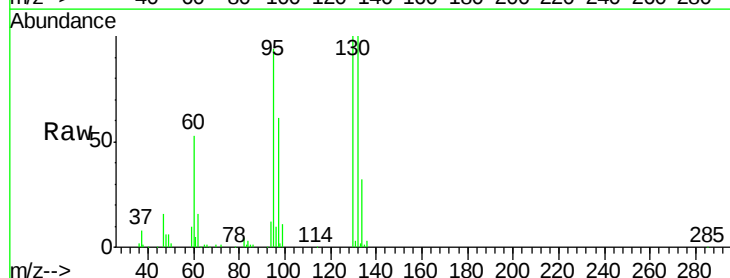
Delta R.T. -0.01 min

Lab File: VD059484.D

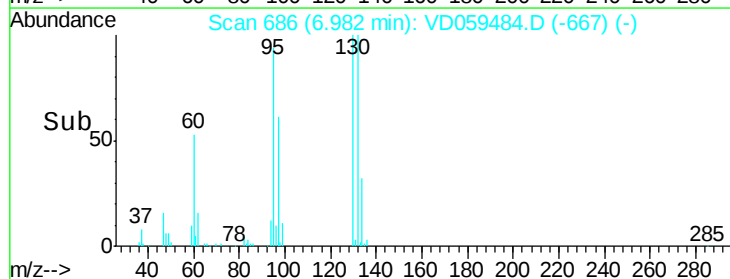
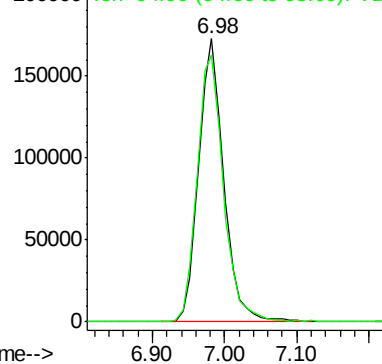
Acq: 29 Jun 2018 11:13

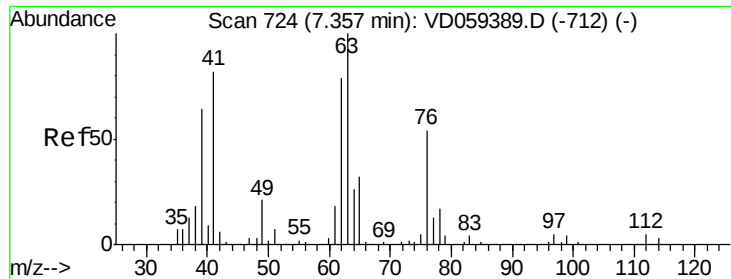
Tgt Ion: 130 Resp: 416180

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: 50.038 ug/l

RT: 7.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: VD059484.D

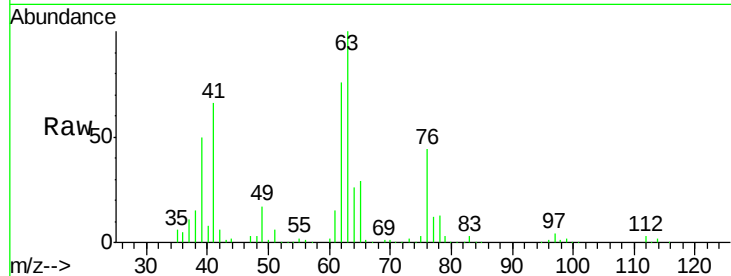
Acq: 29 Jun 2018 11:13

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

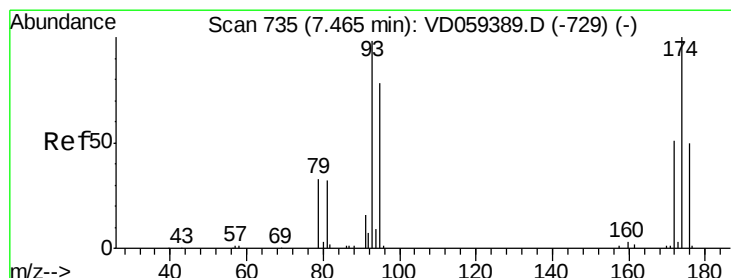
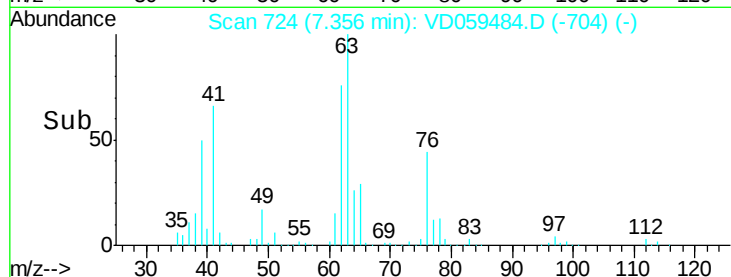
100000

50000

0

7.20 7.40 7.60

Time-->



#46

Dibromomethane

Concen: 49.632 ug/l

RT: 7.46 min Scan# 735

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

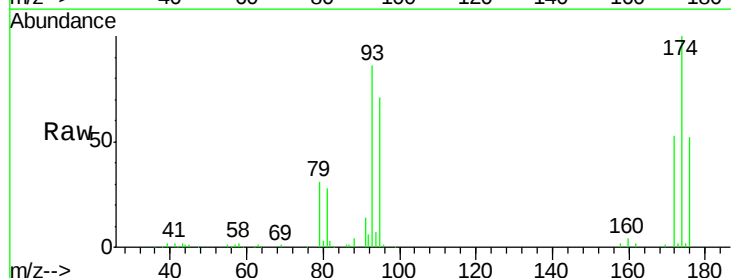
Tgt Ion: 93 Resp: 262871

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

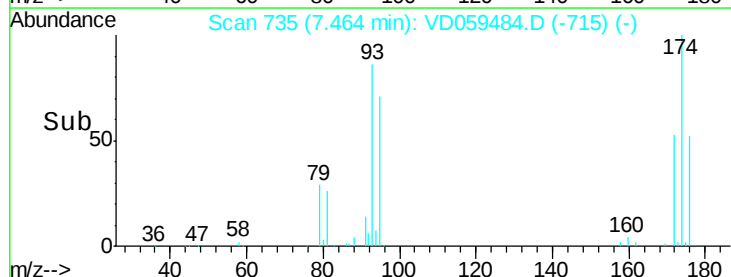
100000

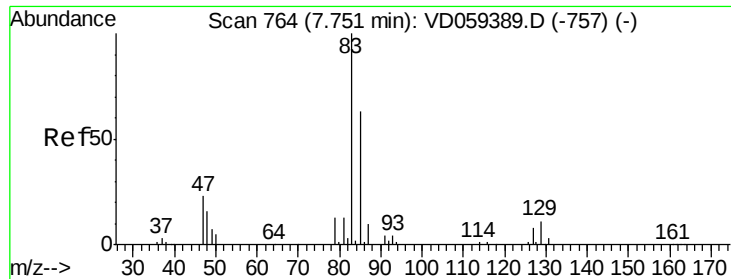
50000

0

7.30 7.40 7.50 7.60

Time-->





#47

Bromodichloromethane

Concen: 52.085 ug/l

RT: 7.74 min Scan# 763

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

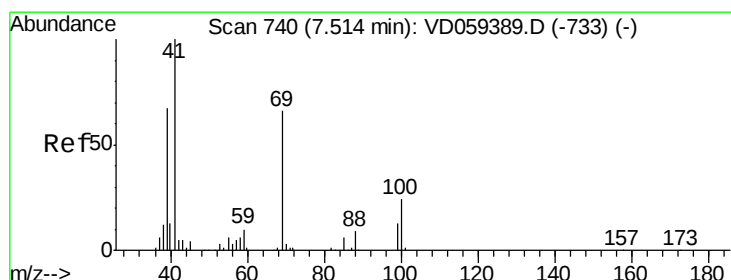
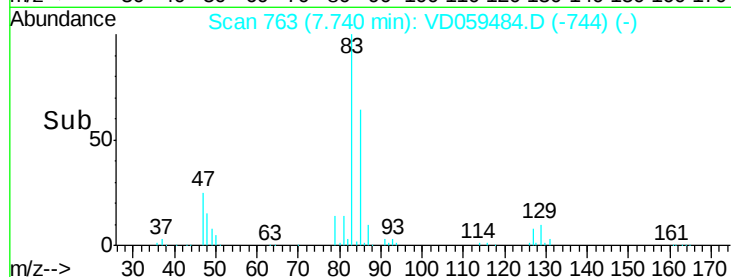
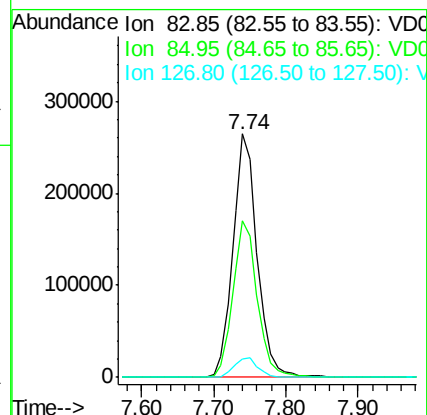
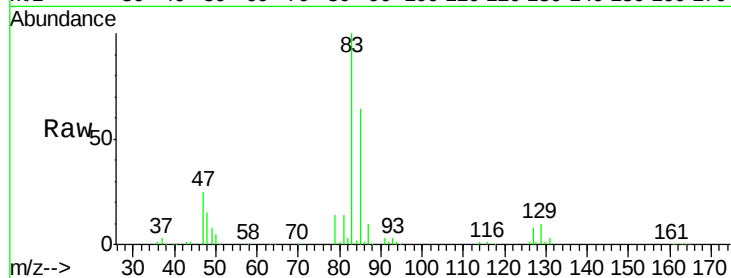
Tot Ion: 83 Resp: 617257

Ion Ratio Lower Upper

83 100

85 64.1 50.1 75.1

127 7.7 6.1 9.1



#48

Methyl methacrylate

Concen: 50.706 ug/l

RT: 7.50 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

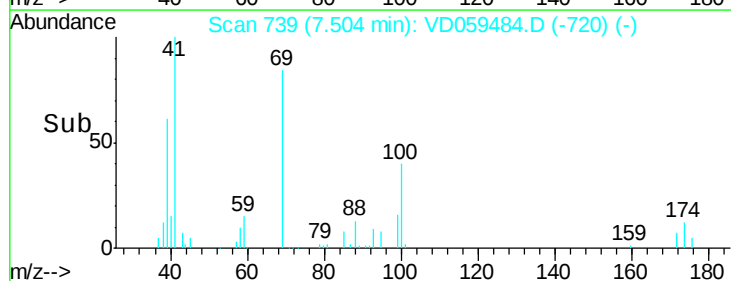
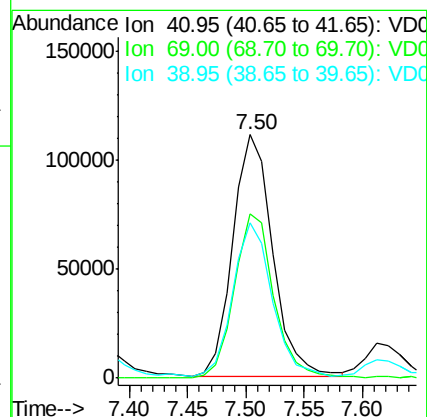
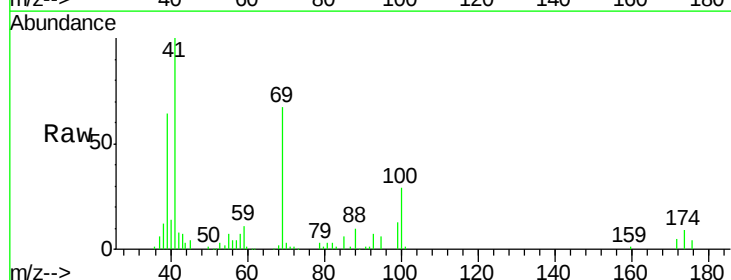
Tgt Ion: 41 Resp: 261785

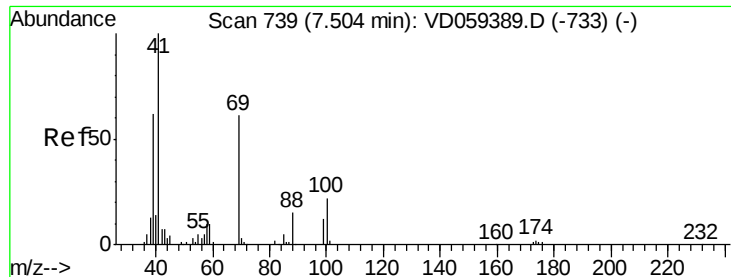
Ion Ratio Lower Upper

41 100

69 67.5 52.6 79.0

39 63.9 53.6 80.4





#49

1,4-Dioxane

Concen: 986.892 ug/l

RT: 7.49 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

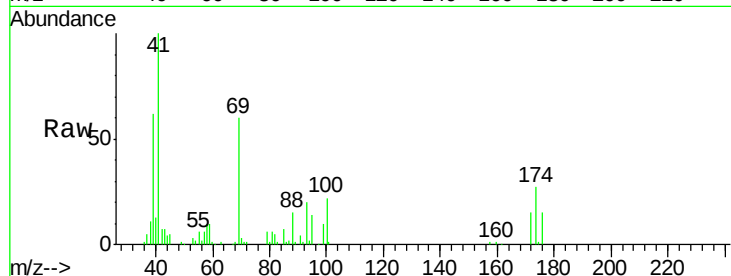
Tot Ion: 88 Resp: 51099

Ion Ratio Lower Upper

88 100

43 47.7 41.0 61.4

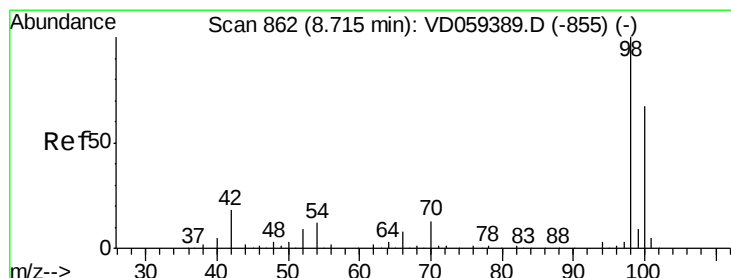
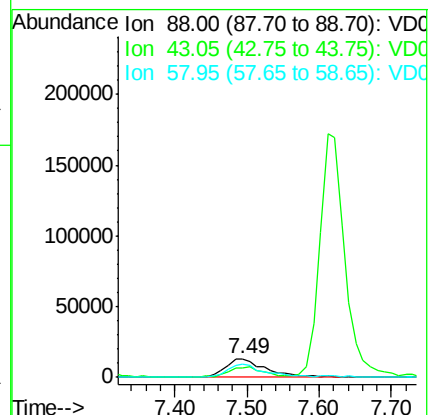
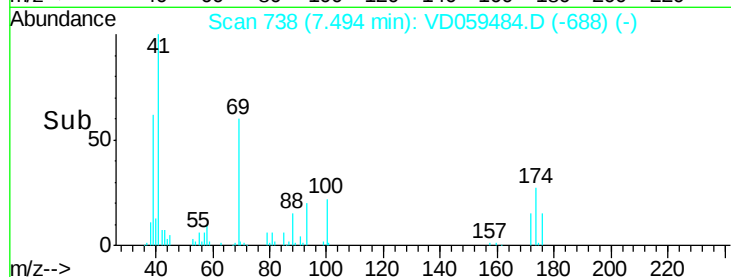
58 68.2 53.4 80.0



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: 986.892 ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD059484.D

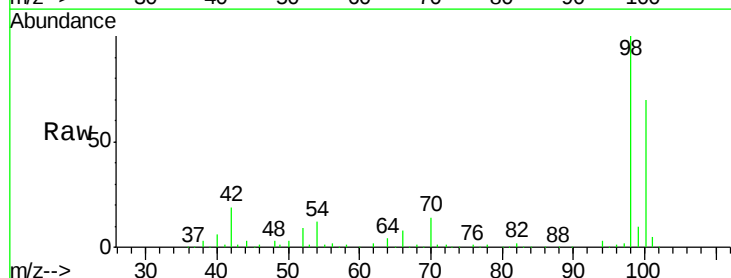
Acq: 29 Jun 2018 11:13

Tgt Ion: 98 Resp: 865895

Ion Ratio Lower Upper

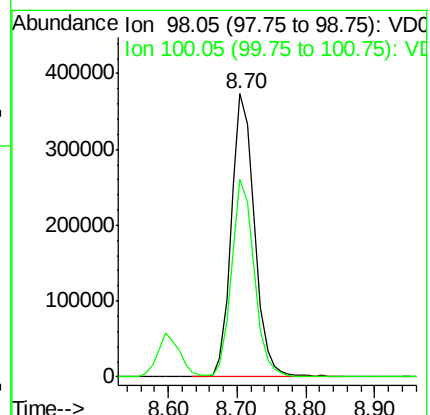
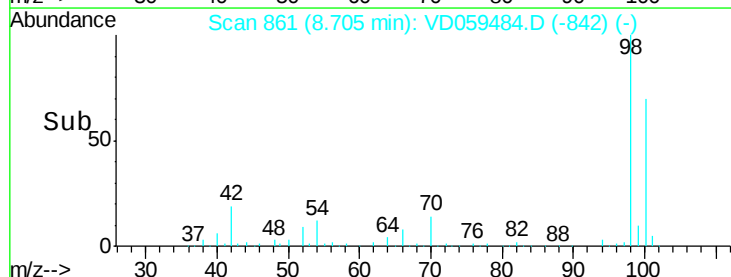
98 100

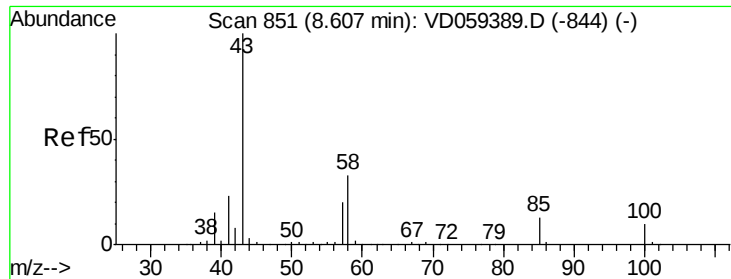
100 69.8 54.4 81.6



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: 235.311 ug/l

RT: 8.60 min Scan# 850

Delta R.T. -0.01 min

Lab File: VD059484.D

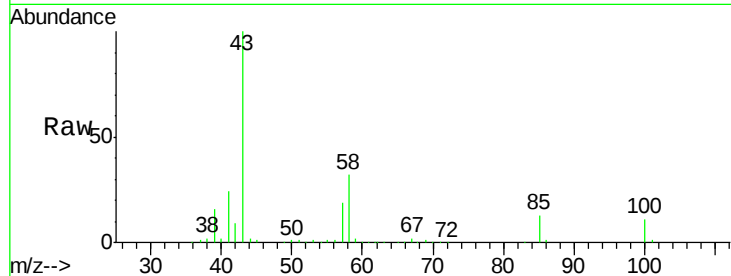
Acq: 29 Jun 2018 11:13

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

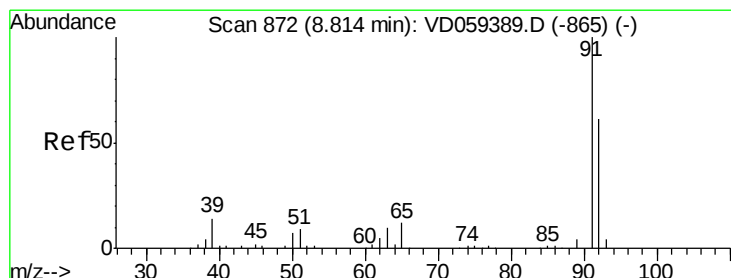
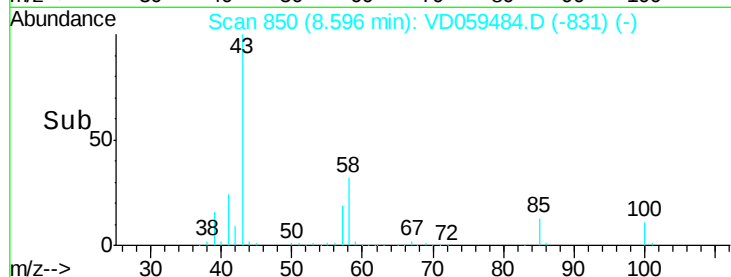
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 46.177 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.01 min

Lab File: VD059484.D

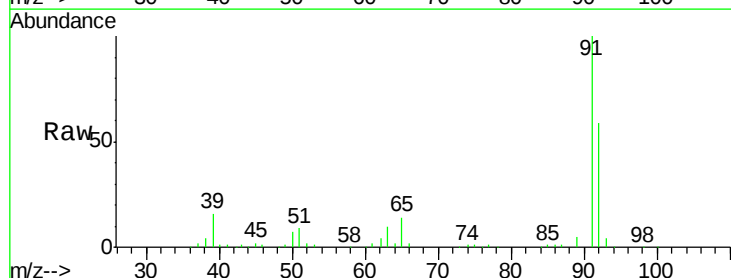
Acq: 29 Jun 2018 11:13

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

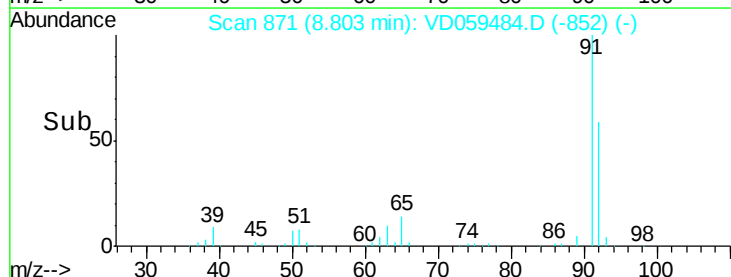
600000

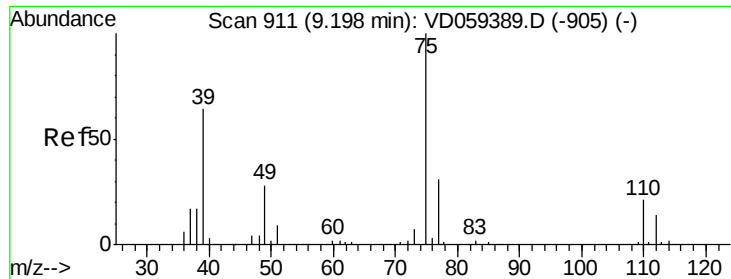
400000

200000

0

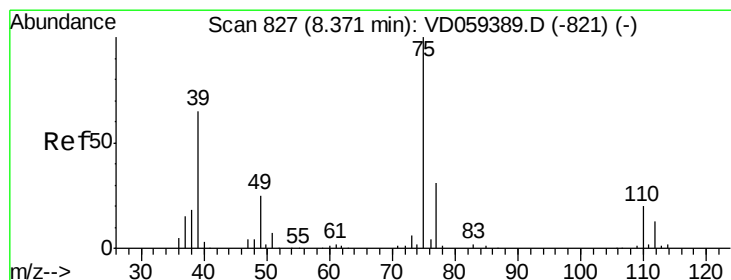
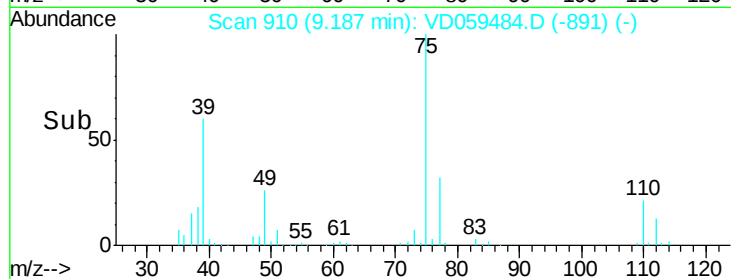
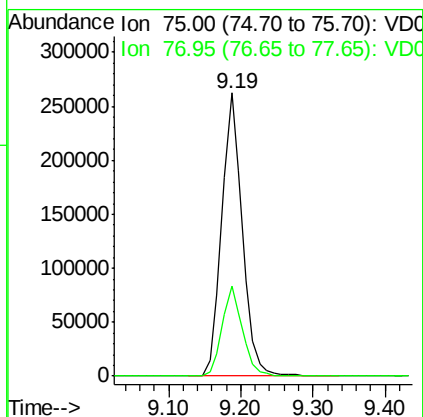
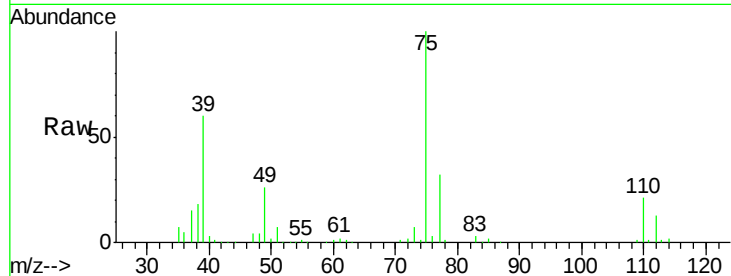
Time-->





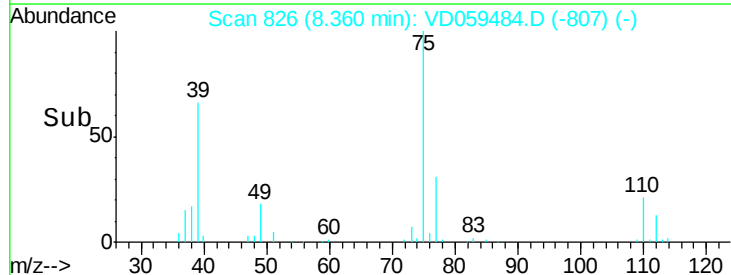
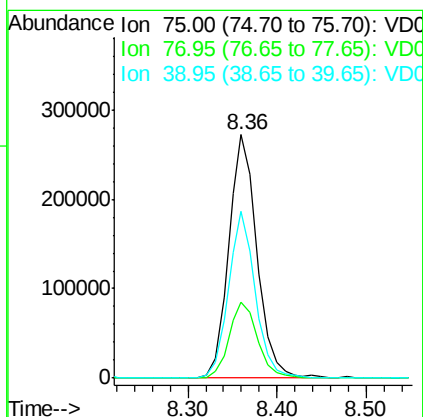
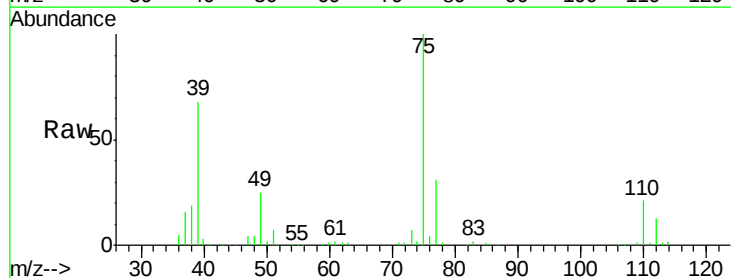
#53
 t-1,3-Dichloropropene
 Concen: 52.157 ug/l
 RT: 9.19 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

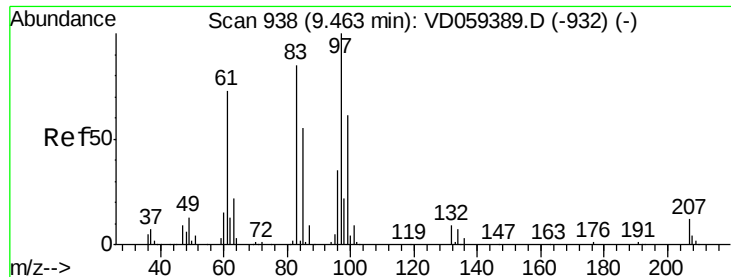
Tot Ion: 75 Resp: 516523
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.689 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





#55

1,1,2-Trichloroethane

Concen: 48.138 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

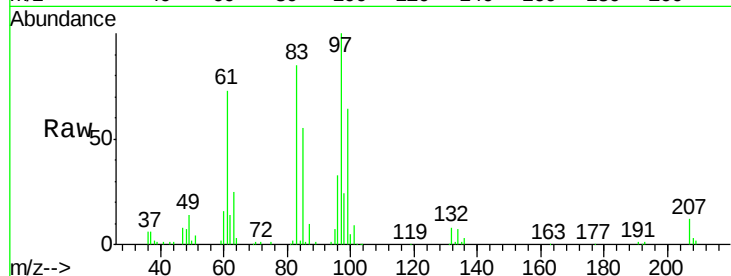
Ion Ratio Lower Upper

97 100

83 85.4 67.7 101.5

85 55.1 44.3 66.5

99 63.5 48.6 73.0

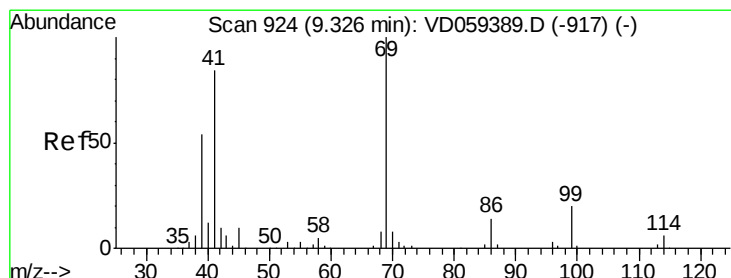
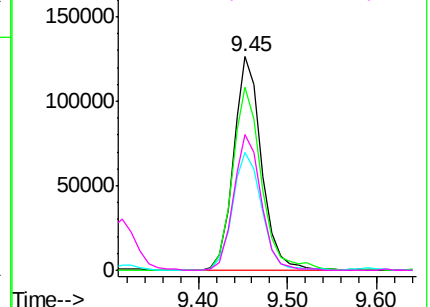
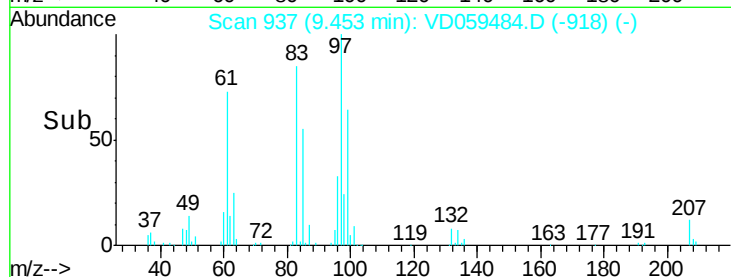


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 50.082 ug/l

RT: 9.31 min Scan# 923

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

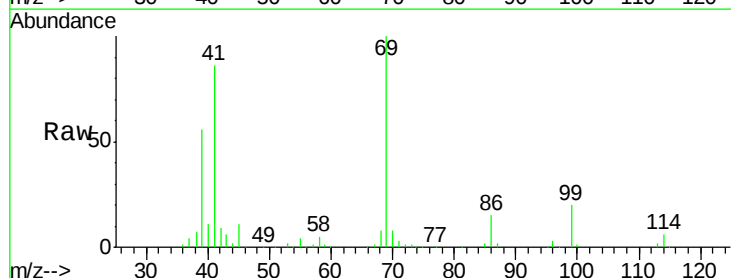
Tgt Ion: 69 Resp: 329490

Ion Ratio Lower Upper

69 100

41 86.0 67.4 101.0

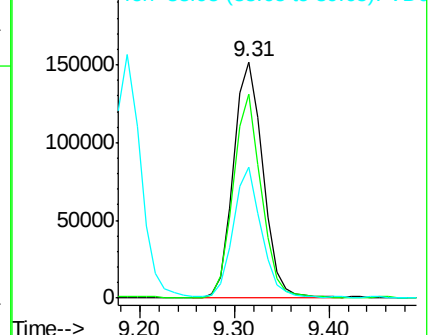
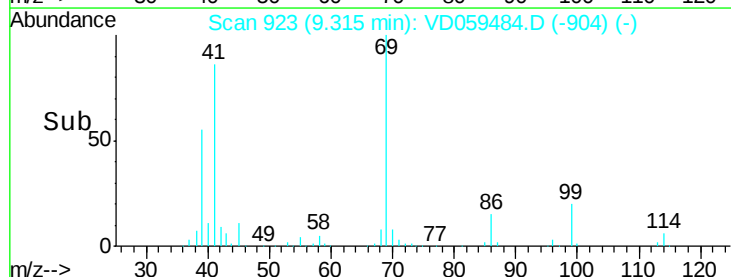
39 55.5 43.7 65.5

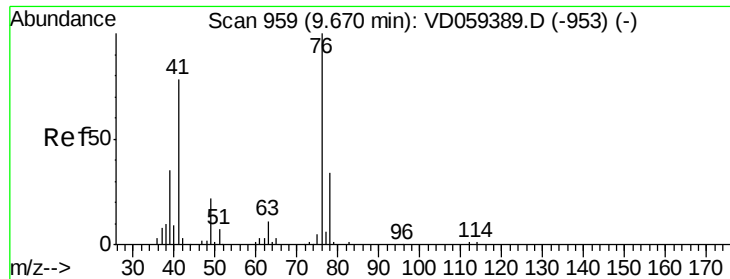


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 49.931 ug/l

RT: 9.67 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD059484.D

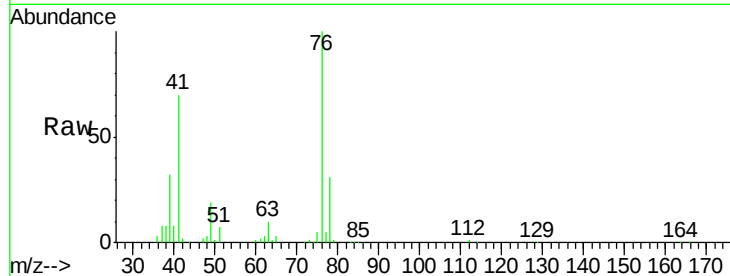
Acq: 29 Jun 2018 11:13

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

250000

200000

150000

100000

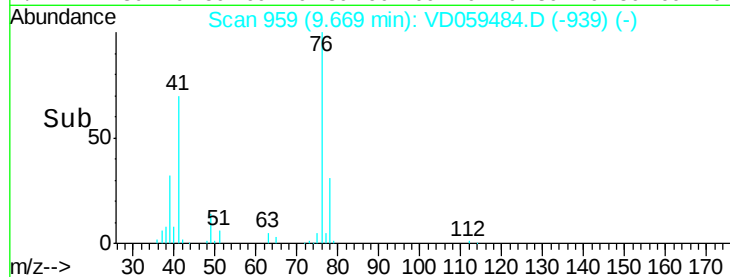
50000

0

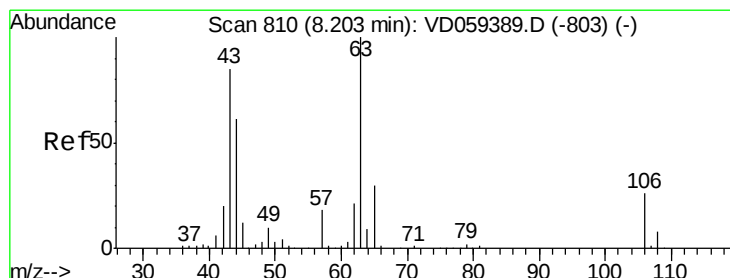
9.60

9.70

9.80



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 229.994 ug/l

RT: 8.19 min Scan# 809

Delta R.T. -0.01 min

Lab File: VD059484.D

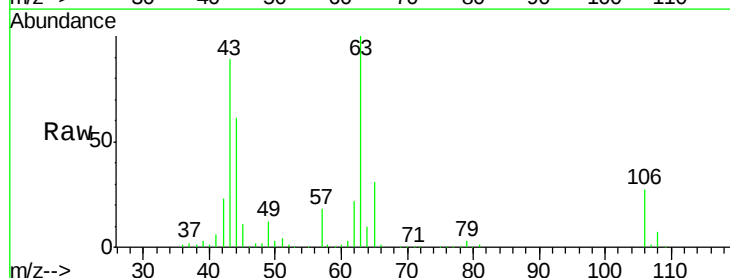
Acq: 29 Jun 2018 11:13

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): V

300000

200000

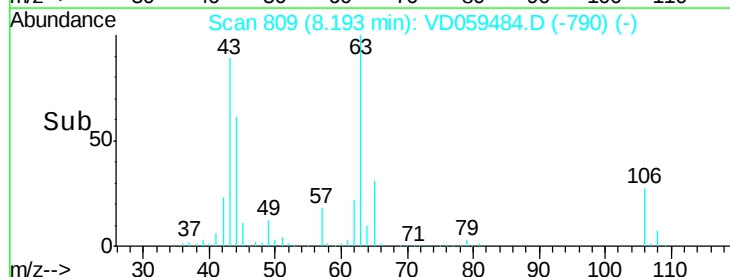
100000

0

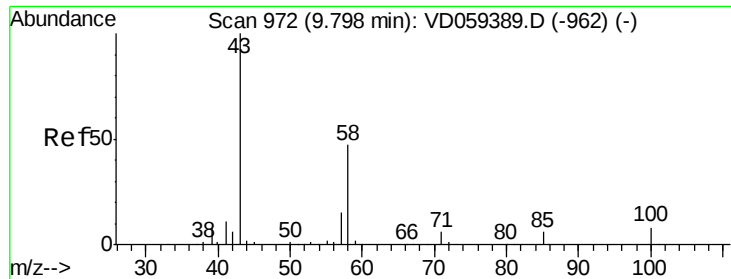
8.10

8.20

8.30

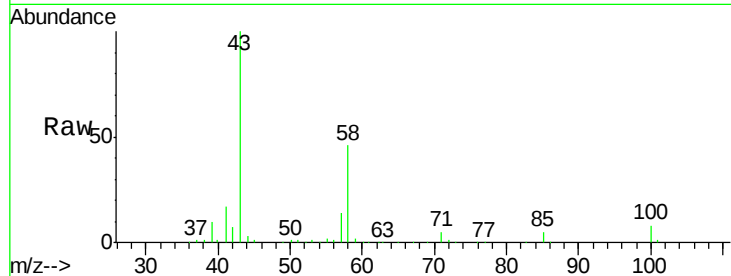


Time-->

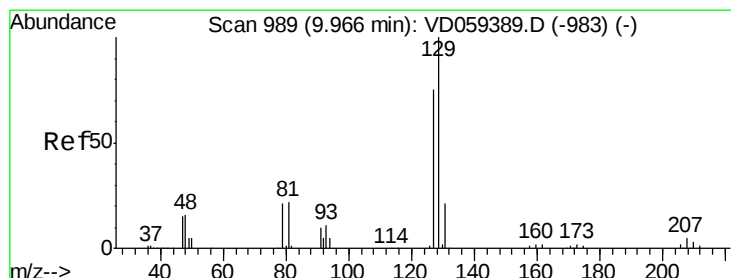
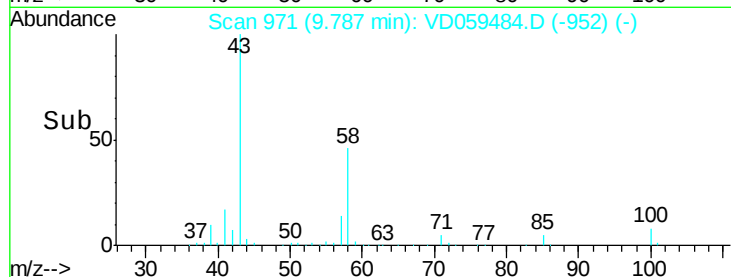
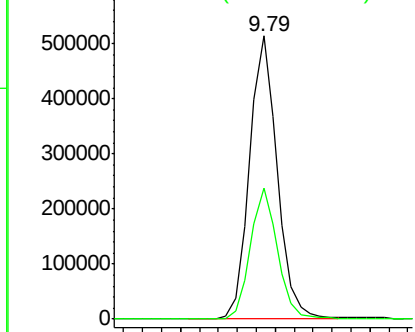


#59
2-Hexanone
Concen: 260.015 ug/l
RT: 9.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

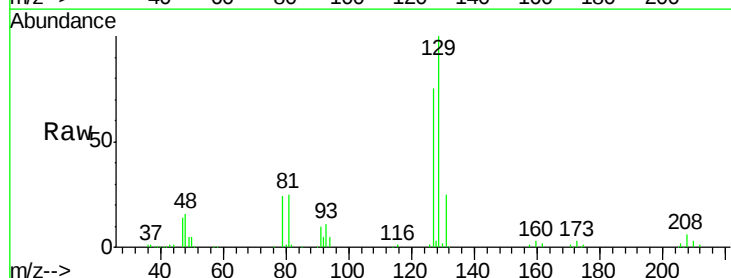


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

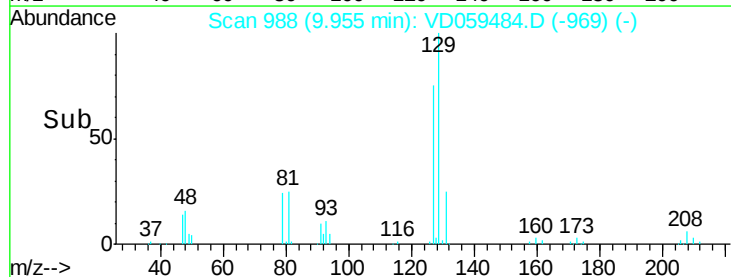
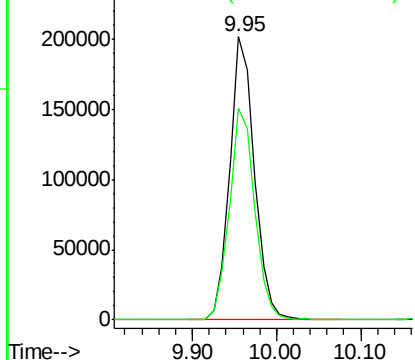


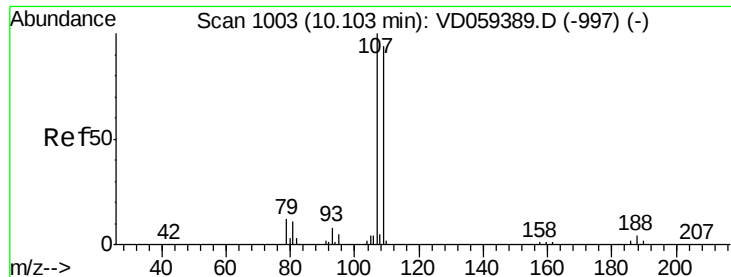
#60
Dibromochloromethane
Concen: 50.905 ug/l
RT: 9.95 min Scan# 988
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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



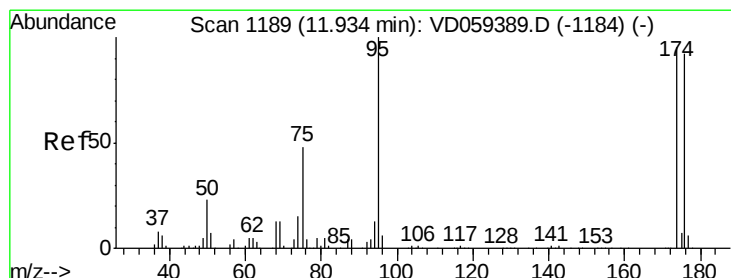
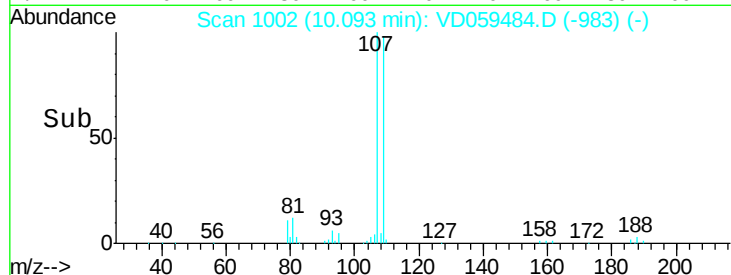
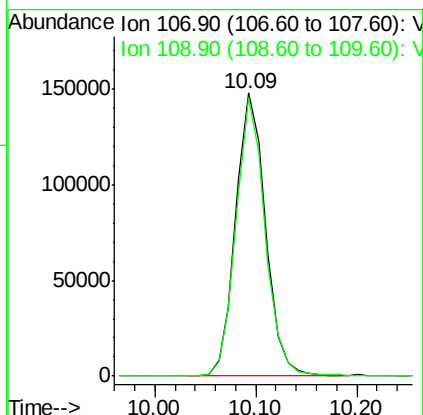
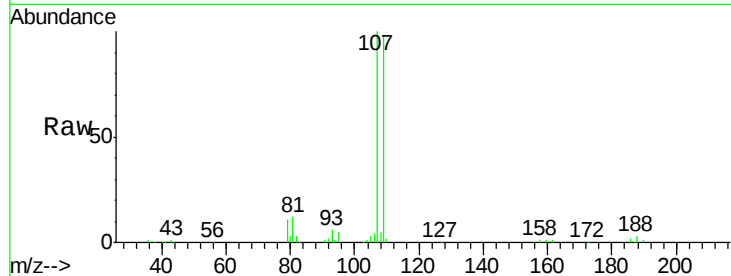
Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





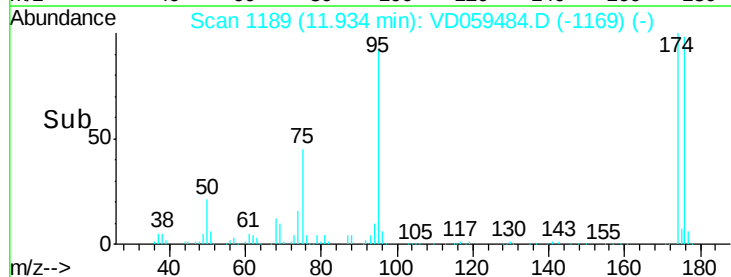
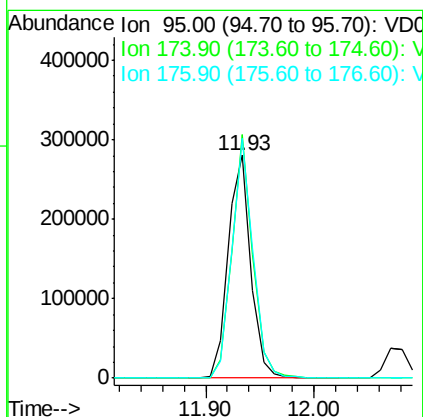
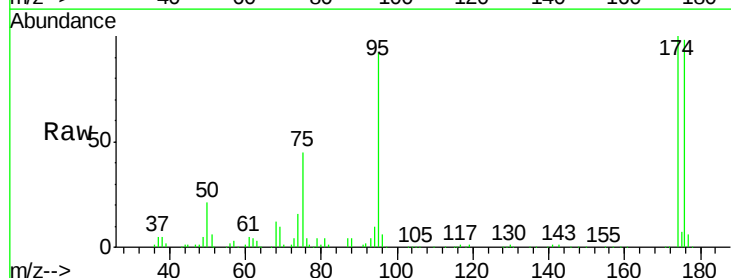
#61
1,2-Dibromoethane
Concen: 47.452 ug/l
RT: 10.09 min Scan# 1002
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

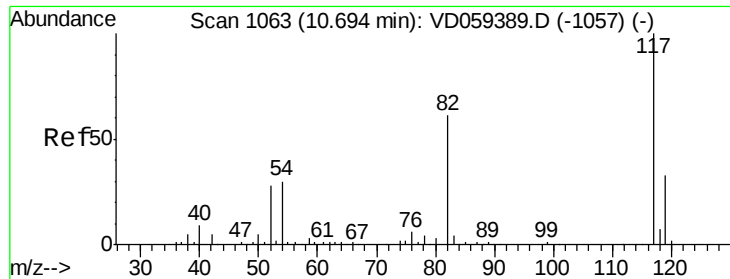
Tot Ion: 107 Resp: 304664
Ion Ratio Lower Upper
107 100
109 98.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 47.452 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

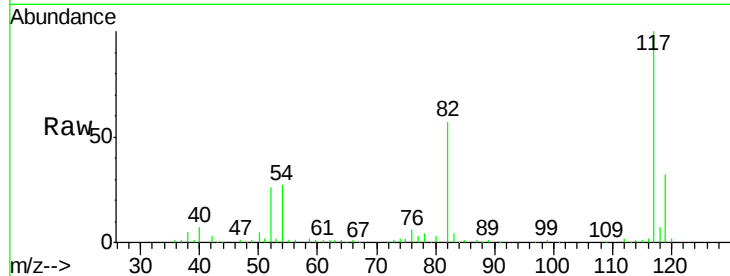
Tgt Ion: 95 Resp: 407422
Ion Ratio Lower Upper
95 100
174 109.2 0.0 190.4
176 107.3 0.0 183.2



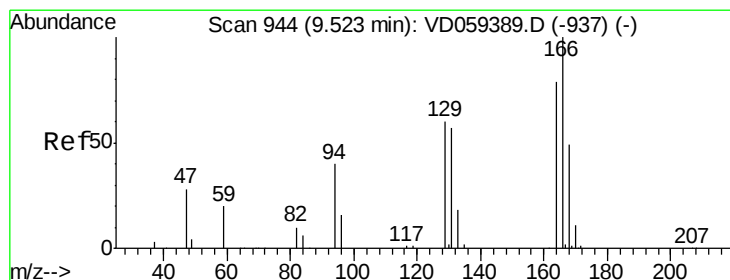
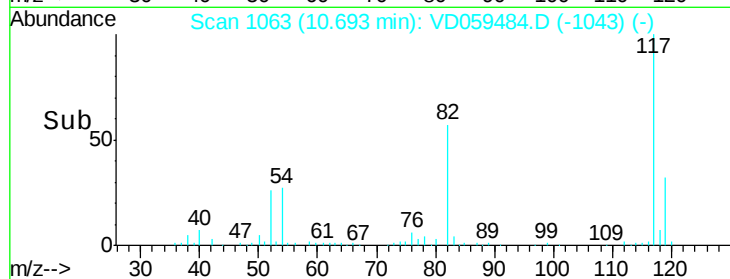
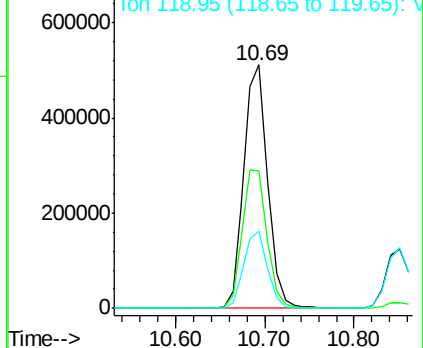


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

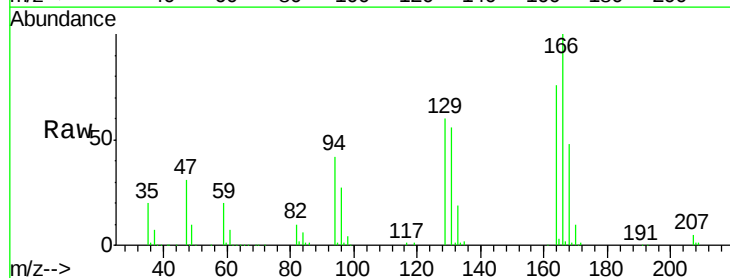


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

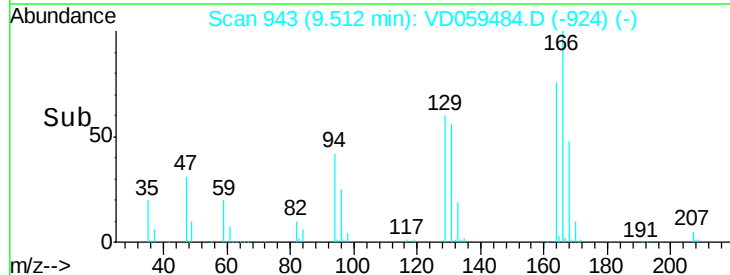
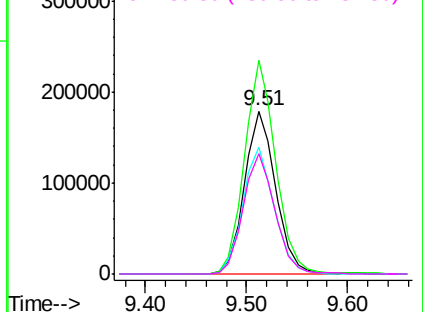


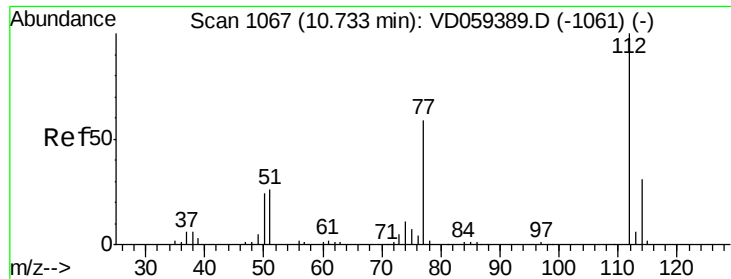
#64
Tetrachloroethene
Concen: 46.594 ug/l
RT: 9.51 min Scan# 943
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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



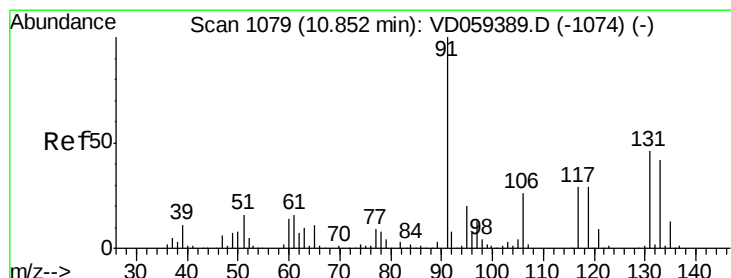
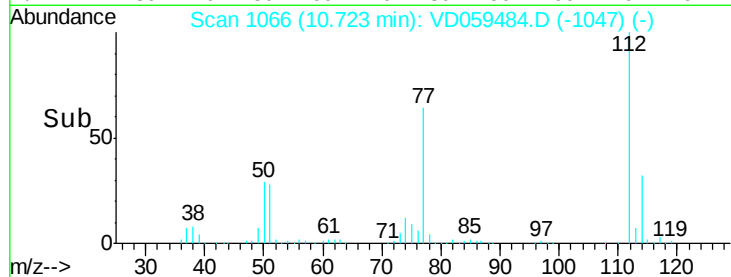
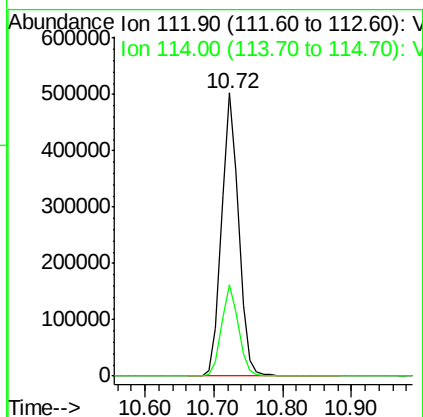
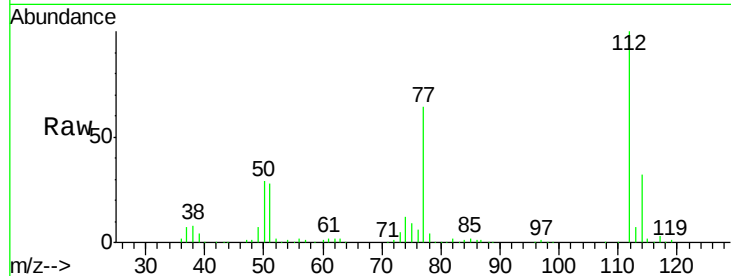
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





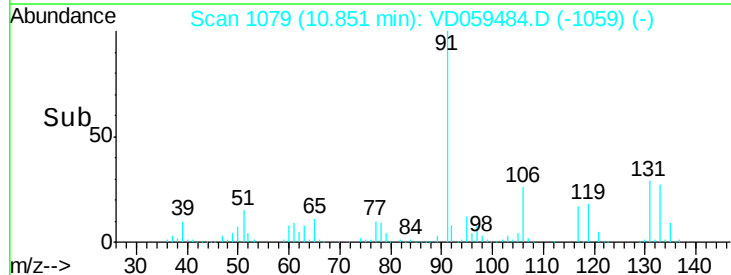
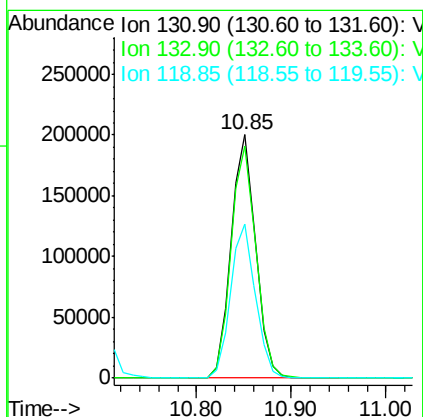
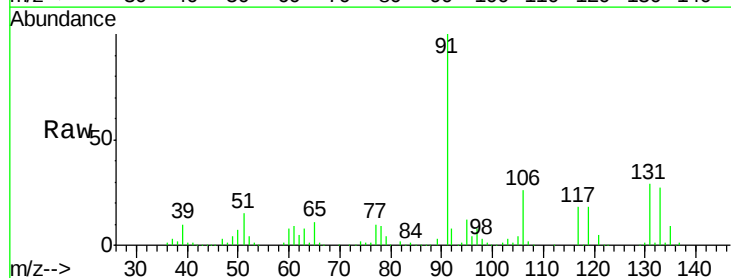
#65
Chlorobenzene
Concen: 50.077 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

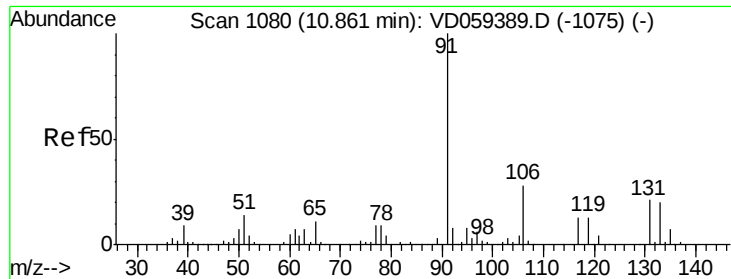
Tot Ion:112 Resp: 862818
Ion Ratio Lower Upper
112 100
114 32.3 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.318 ug/l
RT: 10.85 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

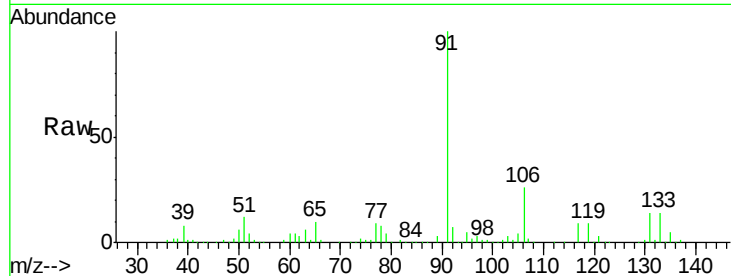
Tgt Ion:131 Resp: 359247
Ion Ratio Lower Upper
131 100
133 95.2 45.7 137.1
119 63.2 32.3 96.9



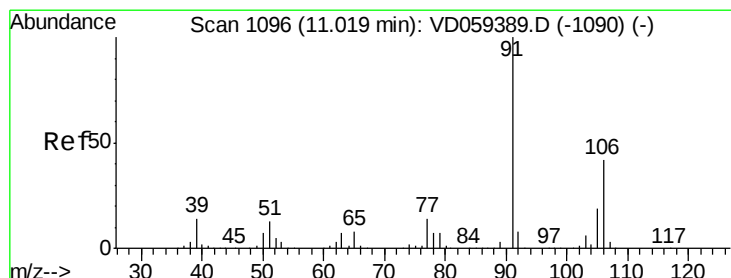
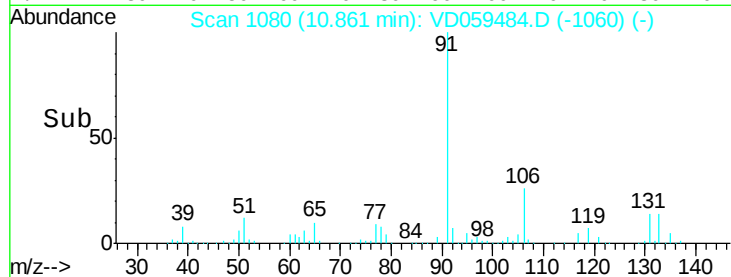
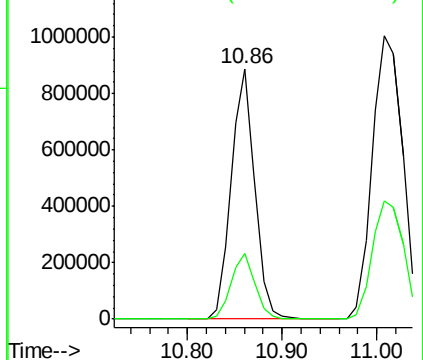


#67
Ethyl Benzene
Concen: 52.301 ug/l
RT: 10.86 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

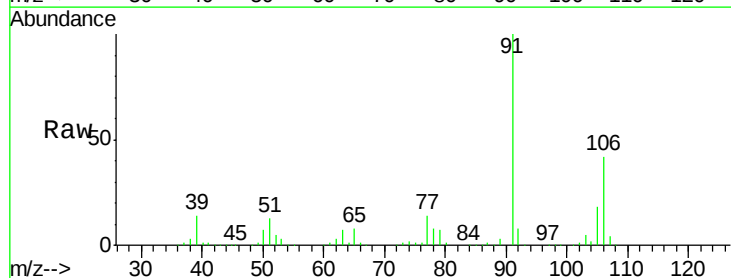


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

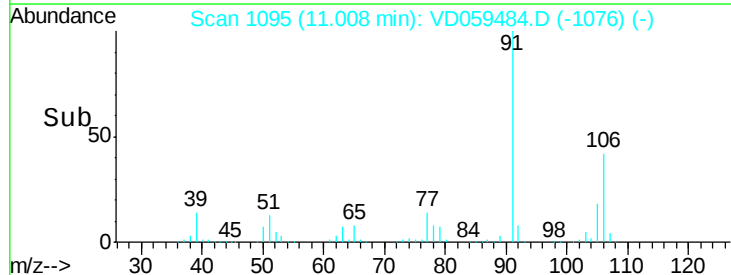
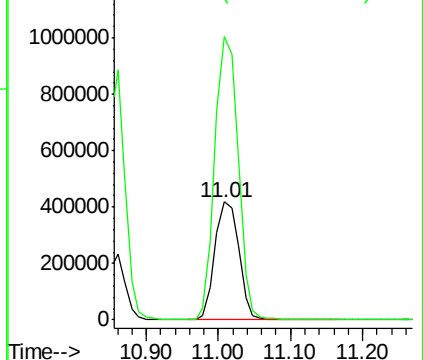


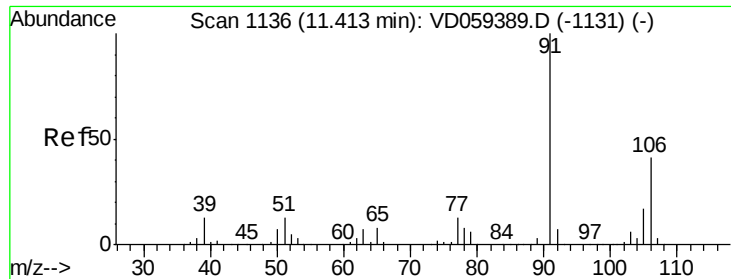
#68
m/p-Xylenes
Concen: 100.066 ug/l
RT: 11.01 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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



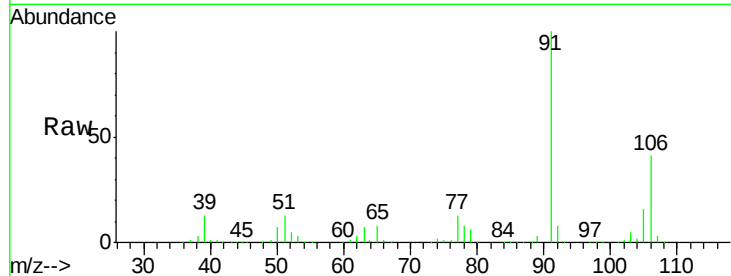
Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC



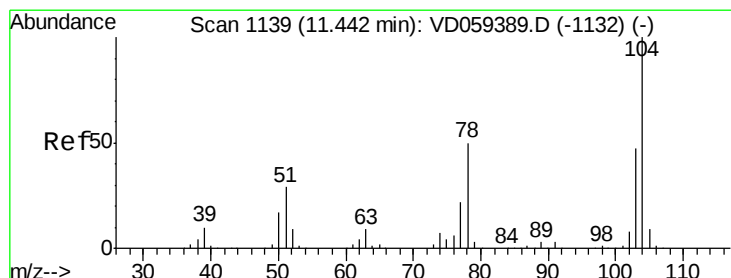
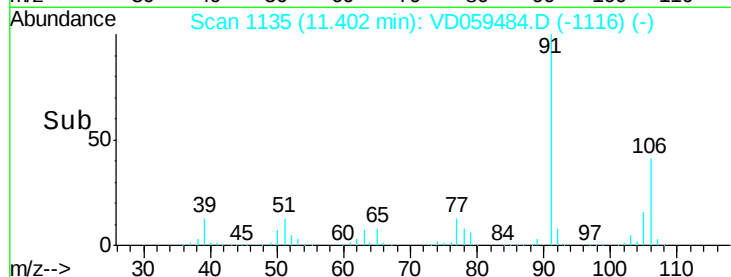
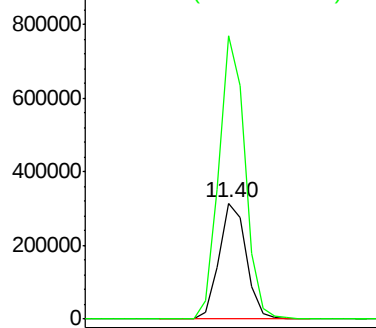


#69
o-Xylene
Concen: 53.309 ug/l
RT: 11.40 min Scan# 1135
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

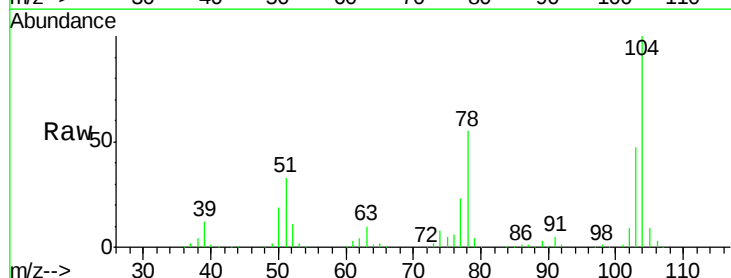


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

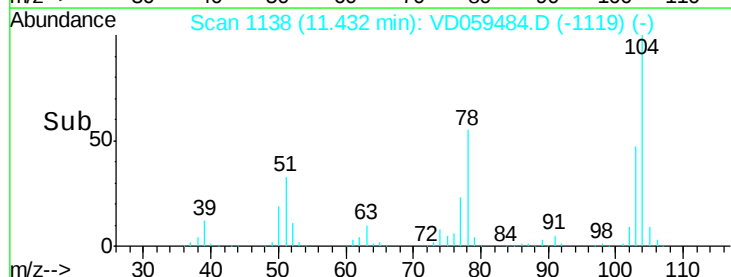
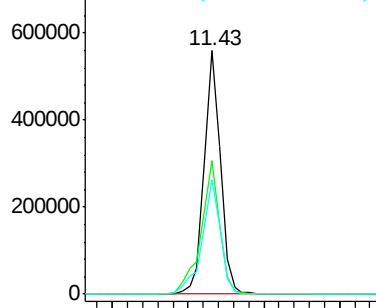


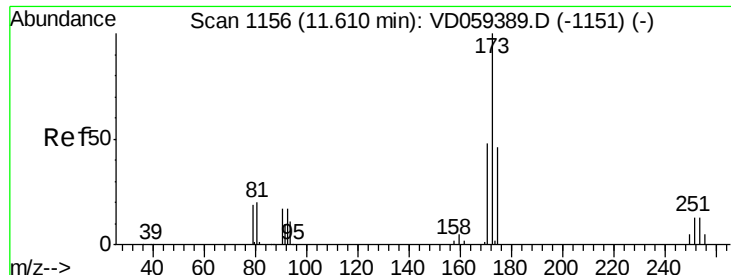
#70
Styrene
Concen: 50.514 ug/l
RT: 11.43 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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



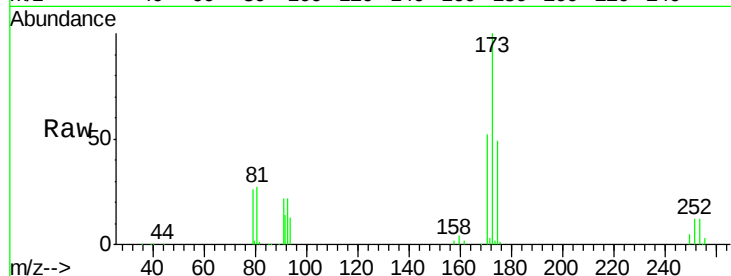
Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V



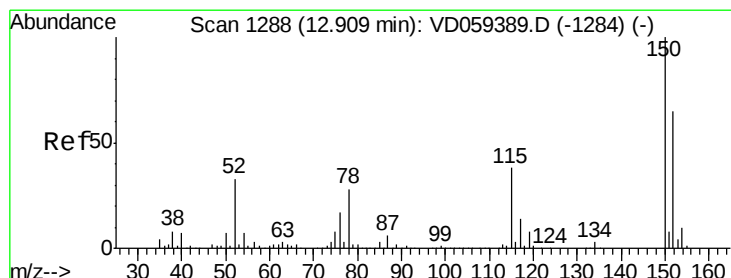
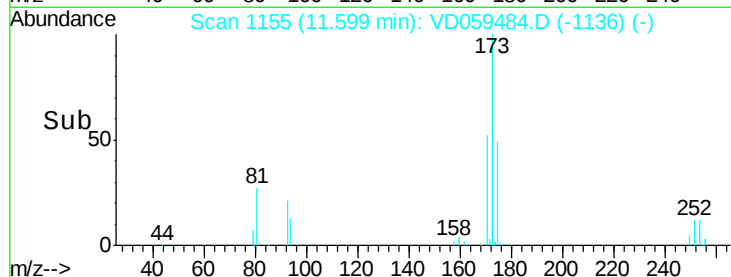
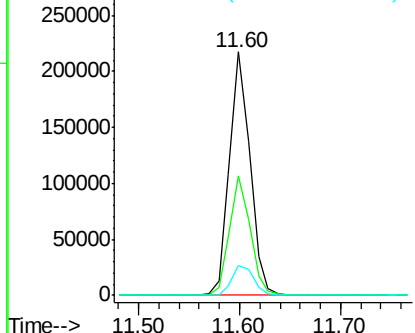


#71
Bromoform
Concen: 56.233 ug/l
RT: 11.60 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

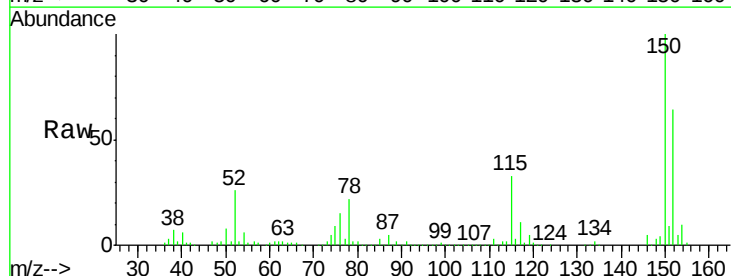


Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V

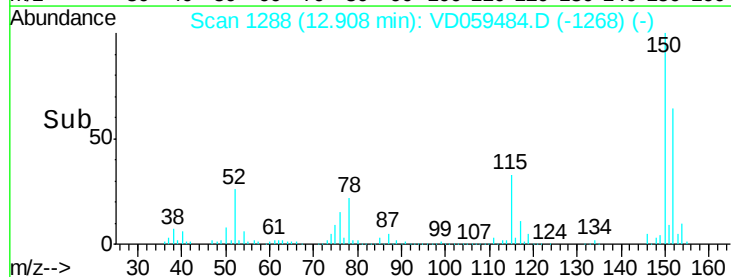
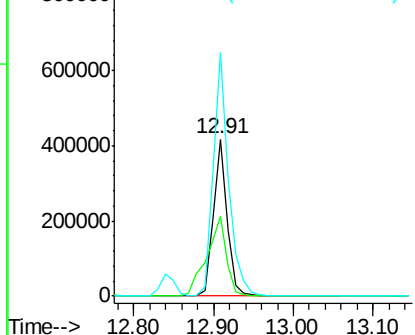


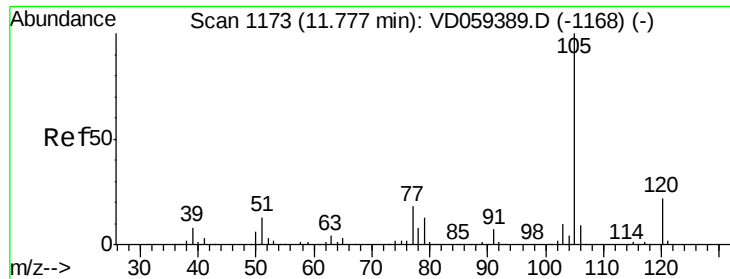
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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: 50.512 ug/l

RT: 11.78 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VD059484.D

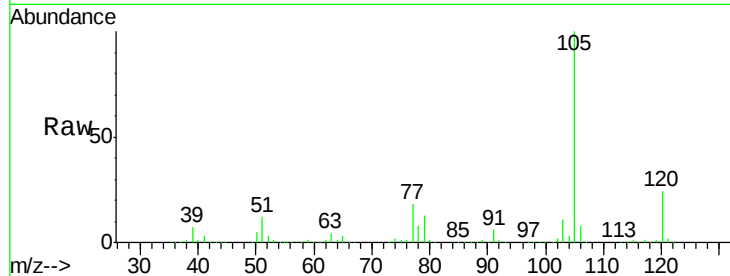
Acq: 29 Jun 2018 11:13

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

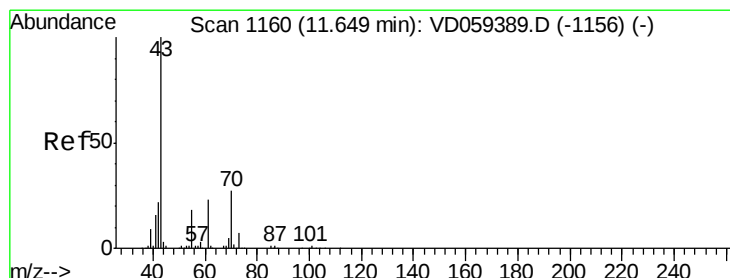
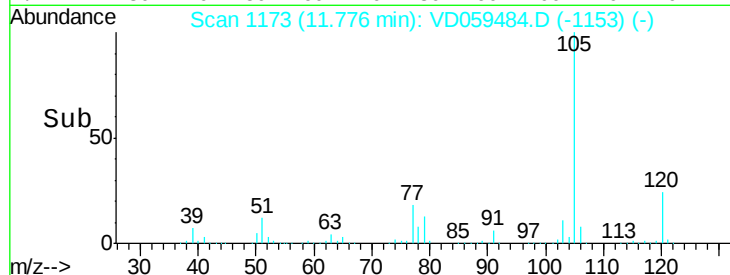
400000

200000

0

Time-->

11.70 11.80 11.90



#74

N-ethyl acetate

Concen: 51.679 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

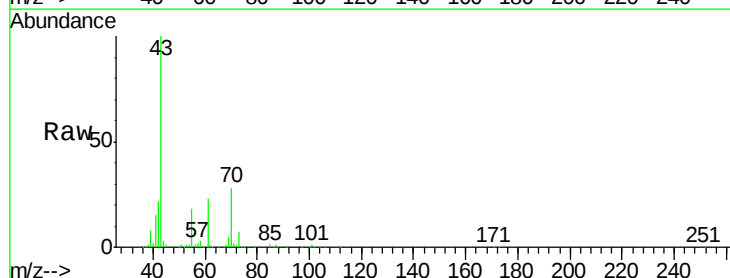
Ion Ratio Lower Upper

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): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

600000

500000

400000

300000

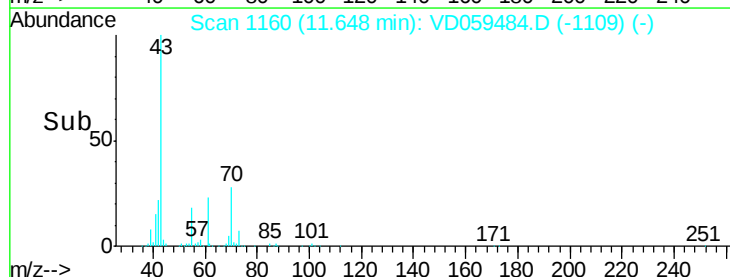
200000

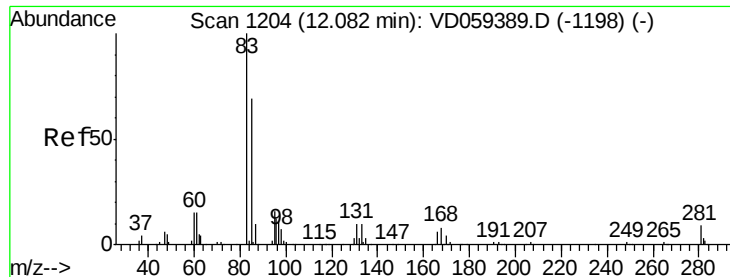
100000

0

Time-->

11.60 11.70





#75

1,1,2,2-Tetrachloroethane

Concen: 52.031 ug/l

RT: 12.07 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

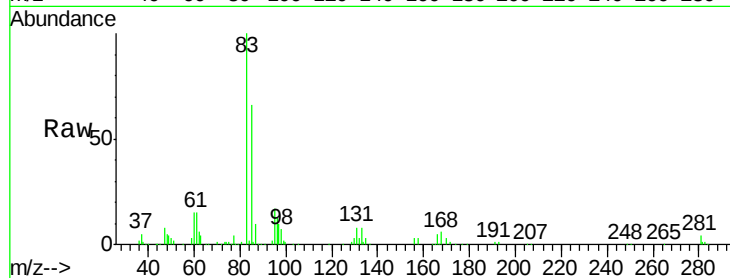
Tot Ion: 83 Resp: 347761

Ion	Ratio	Lower	Upper
83	100		
131	8.2	4.9	14.6
85	66.5	34.6	103.8

83 100

131 8.2 4.9 14.6

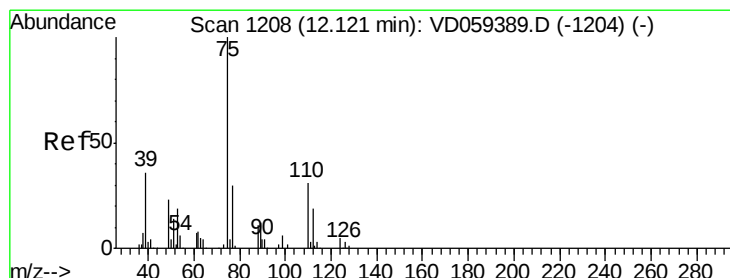
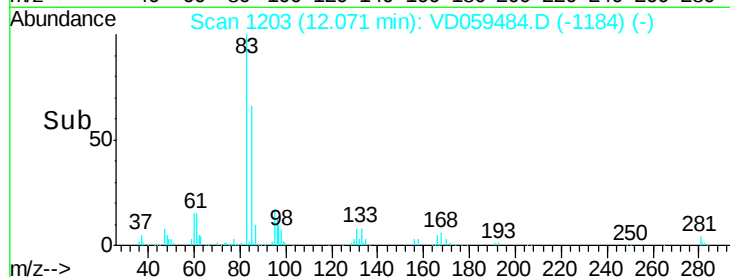
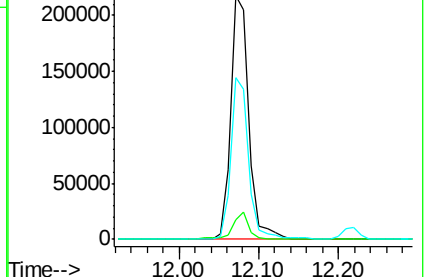
85 66.5 34.6 103.8



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 50.754 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VD059484.D

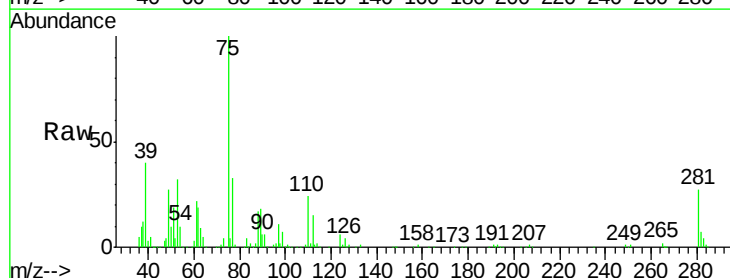
Acq: 29 Jun 2018 11:13

Tgt Ion: 75 Resp: 353429

Ion	Ratio	Lower	Upper
75	100		
77	33.4	15.6	46.8

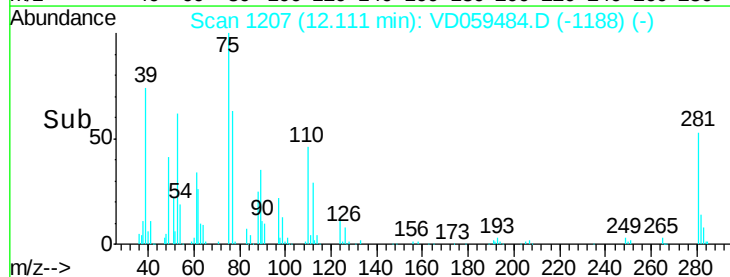
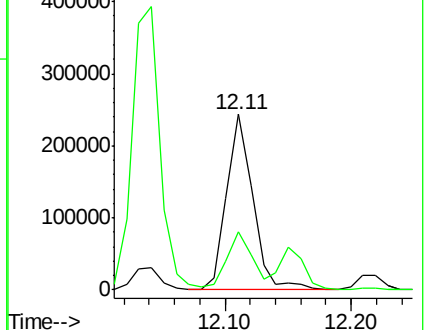
75 100

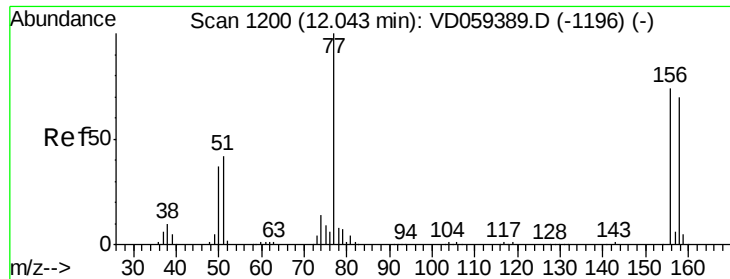
77 33.4 15.6 46.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 51.348 ug/l

RT: 12.04 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

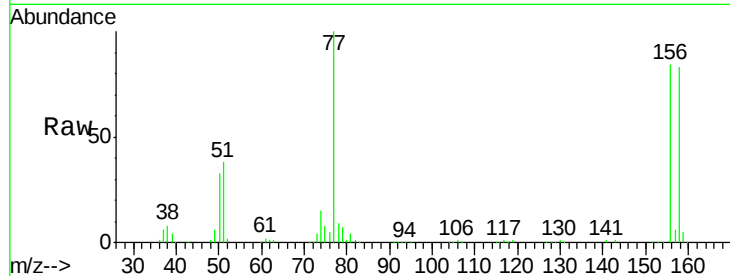
Tot Ion:156 Resp: 460417

Ion Ratio Lower Upper

156 100

77 118.6 68.0 203.8

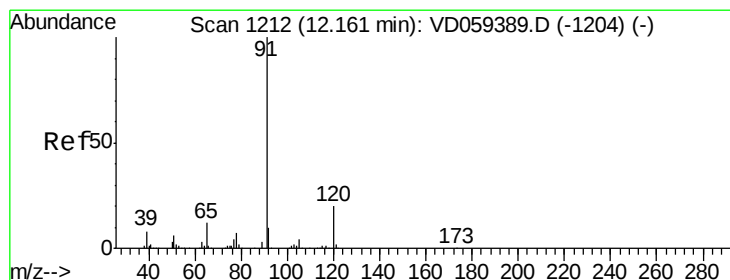
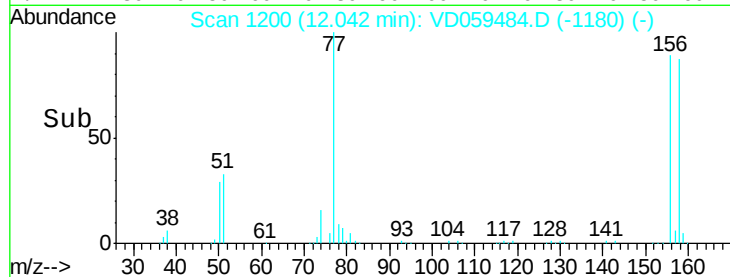
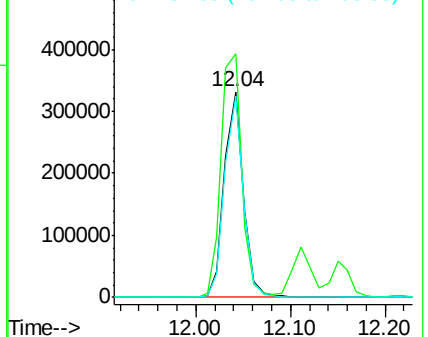
158 98.1 47.7 143.1



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: 52.536 ug/l

RT: 12.15 min Scan# 1211

Delta R.T. -0.01 min

Lab File: VD059484.D

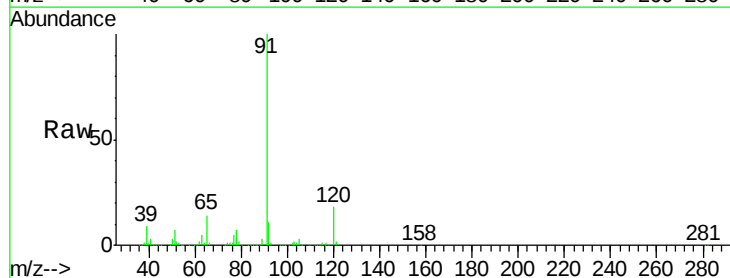
Acq: 29 Jun 2018 11:13

Tgt Ion: 91 Resp: 1895584

Ion Ratio Lower Upper

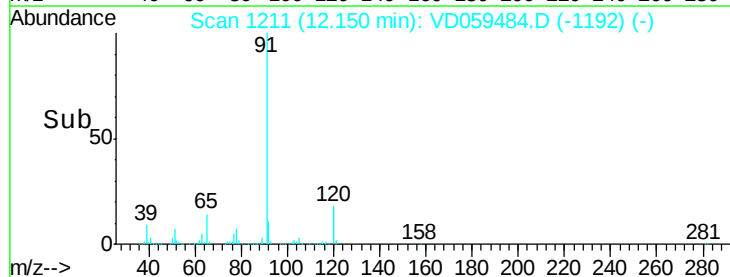
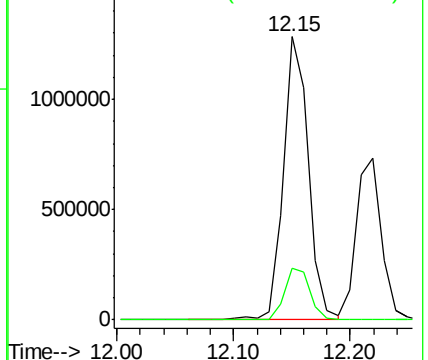
91 100

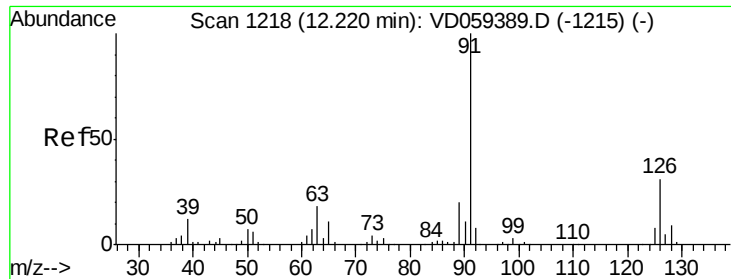
120 18.3 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 51.571 ug/l

RT: 12.22 min Scan# 1218

Delta R.T. -0.00 min

Lab File: VD059484.D

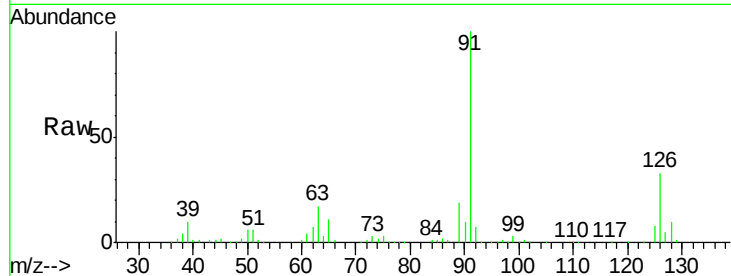
Acq: 29 Jun 2018 11:13

Tot Ion: 91 Resp: 1092760

Ion Ratio Lower Upper

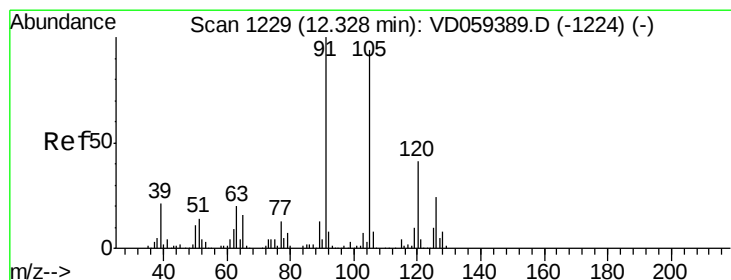
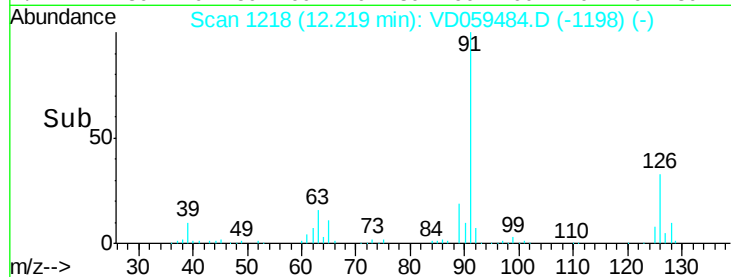
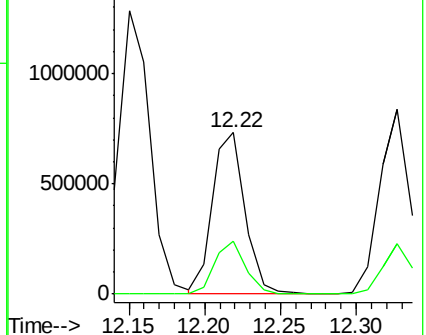
91 100

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: 49.352 ug/l

RT: 12.32 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VD059484.D

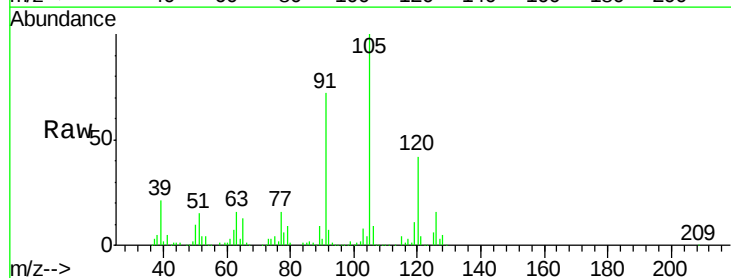
Acq: 29 Jun 2018 11:13

Tgt Ion:105 Resp: 1119315

Ion Ratio Lower Upper

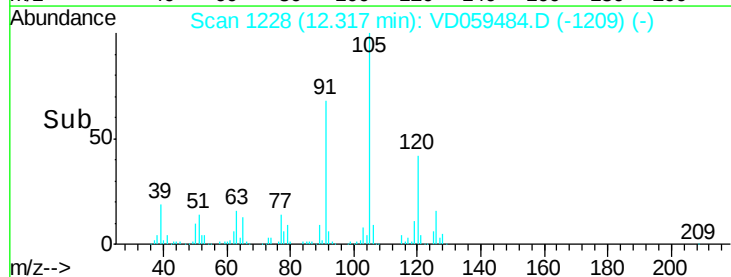
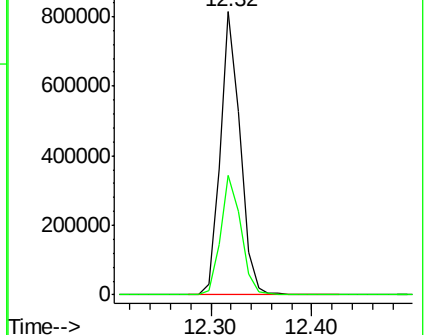
105 100

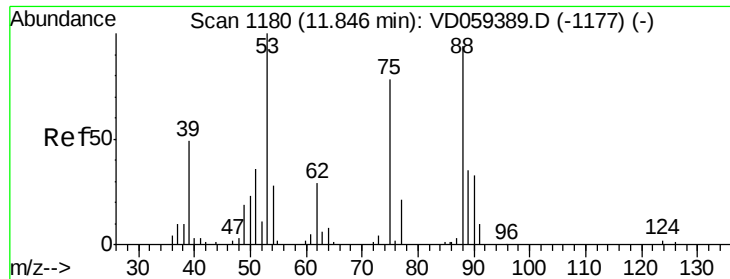
120 42.1 21.9 65.7



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: 54.172 ug/l

RT: 11.84 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

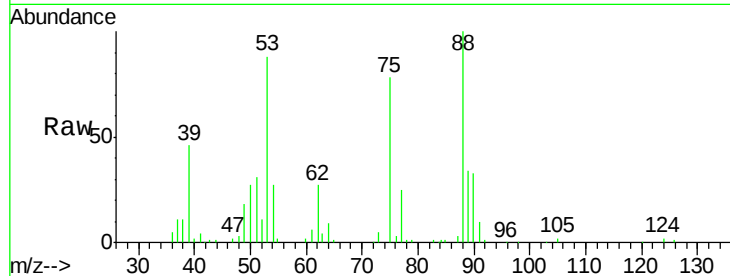
Tot Ion: 75 Resp: 85741

Ion Ratio Lower Upper

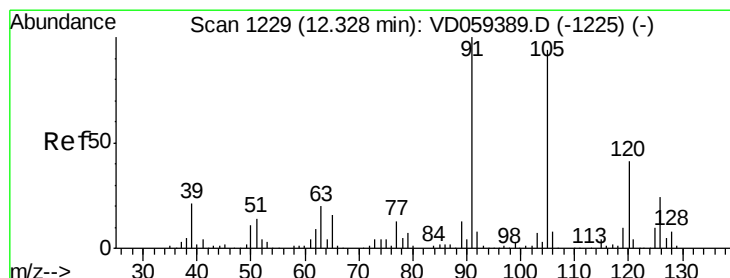
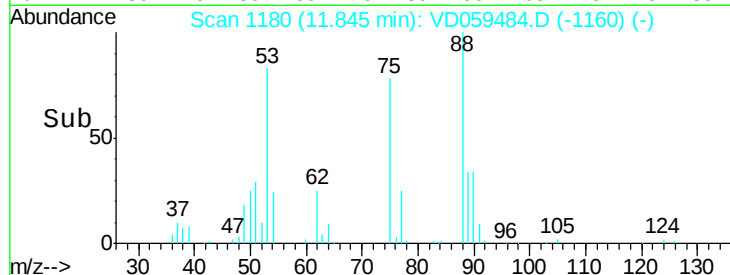
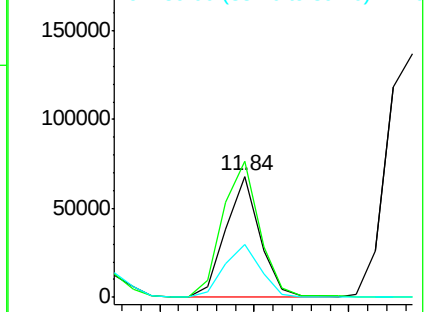
75 100

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: 48.889 ug/l

RT: 12.33 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VD059484.D

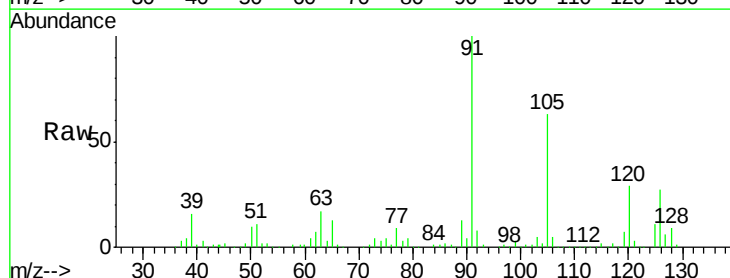
Acq: 29 Jun 2018 11:13

Tgt Ion: 91 Resp: 1174673

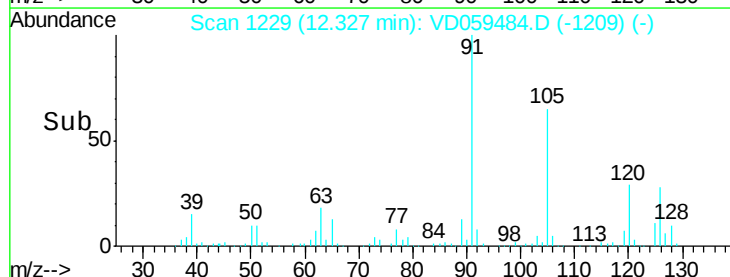
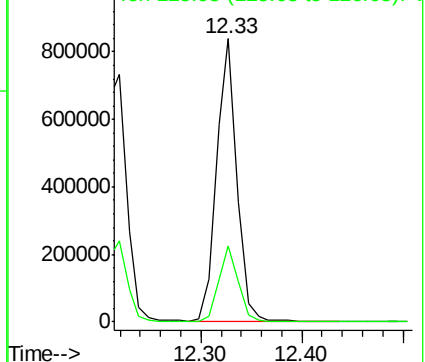
Ion Ratio Lower Upper

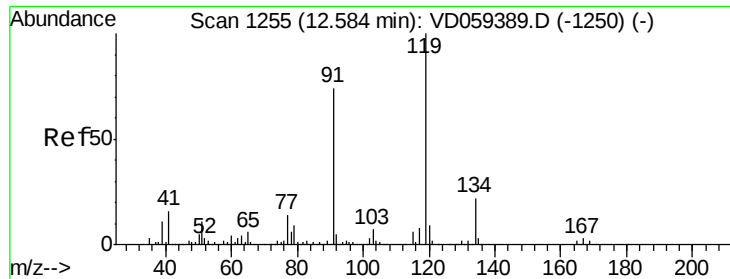
91 100

126 27.1 12.2 36.6



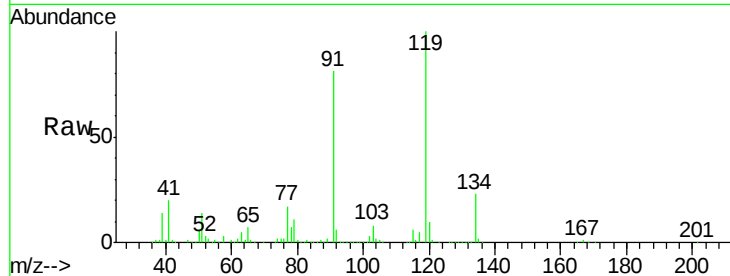
Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V



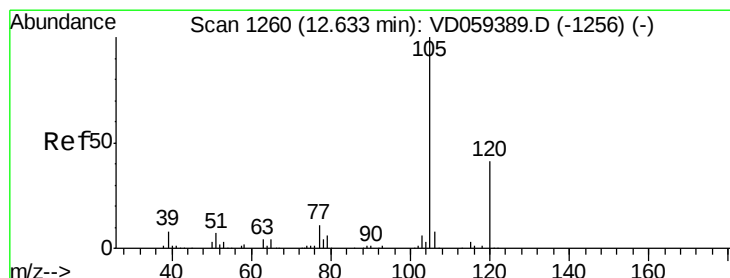
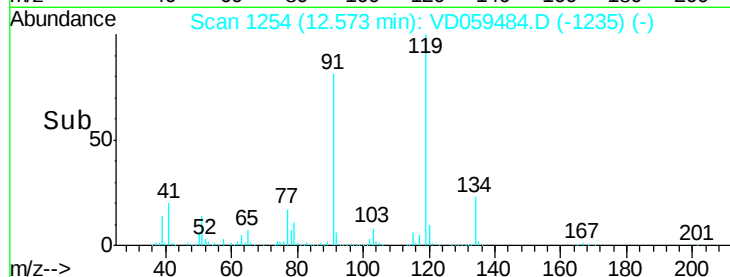
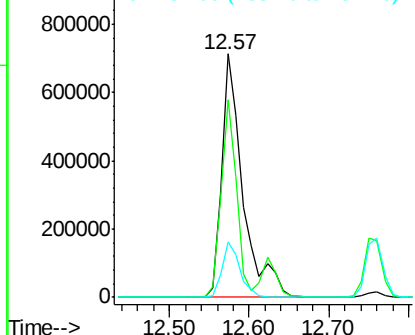


#83
tert-Butylbenzene
Concen: 55.459 ug/l
RT: 12.57 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

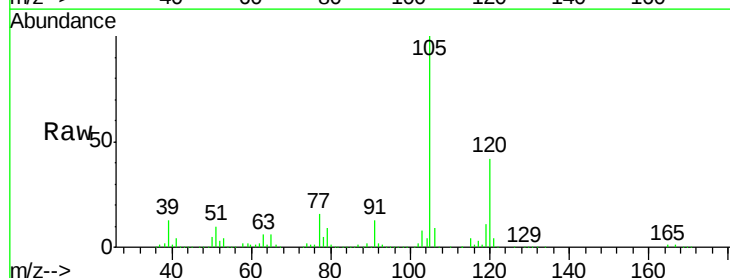


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

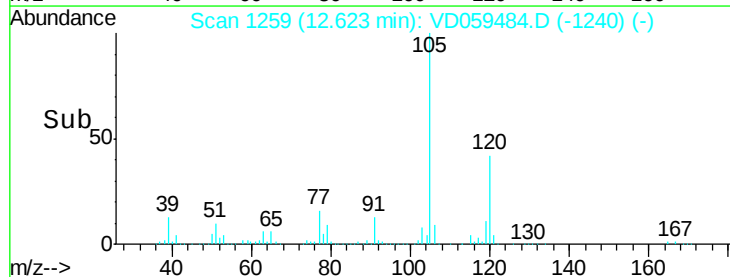
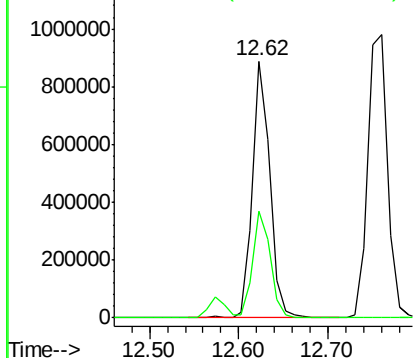


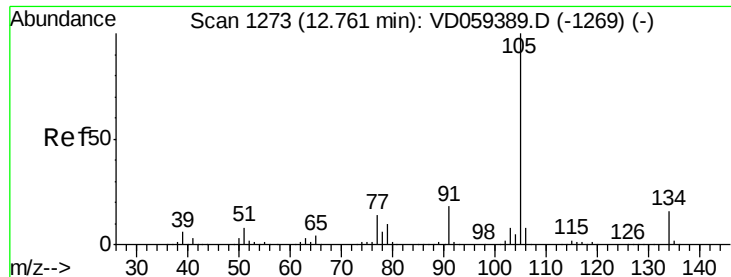
#84
1,2,4-Trimethylbenzene
Concen: 49.599 ug/l
RT: 12.62 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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: 50.022 ug/l

RT: 12.76 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VD059484.D

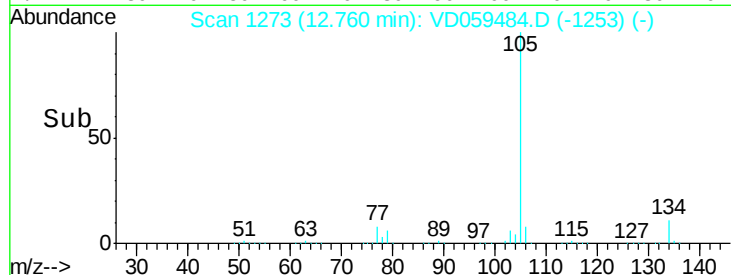
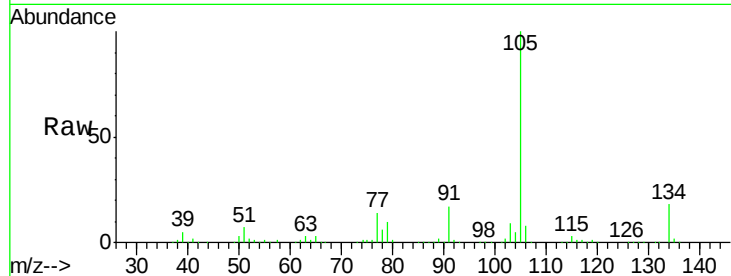
Acq: 29 Jun 2018 11:13

Tot Ion:105 Resp: 1480841

Ion Ratio Lower Upper

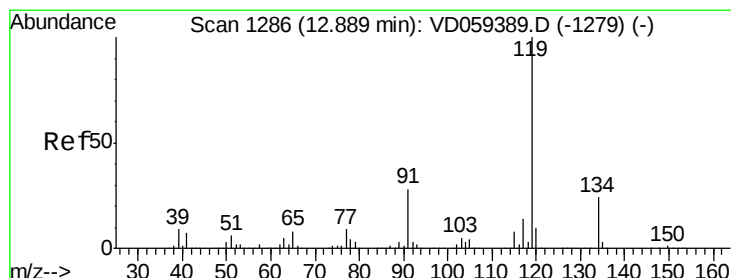
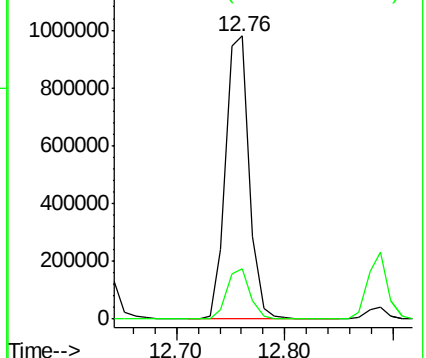
105 100

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: 51.101 ug/l

RT: 12.89 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

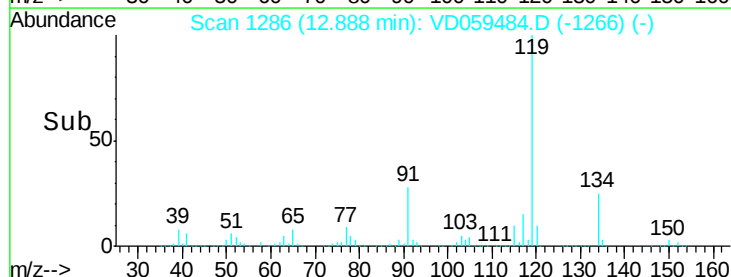
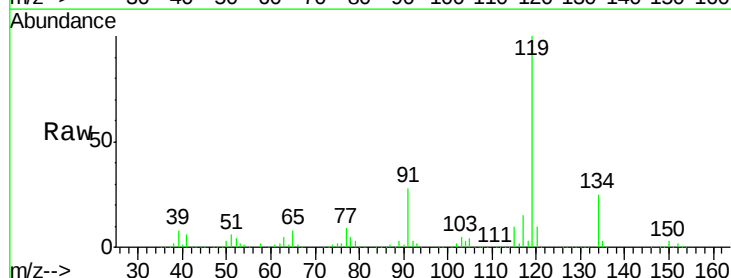
Tgt Ion:119 Resp: 1219313

Ion Ratio Lower Upper

119 100

134 25.2 11.9 35.5

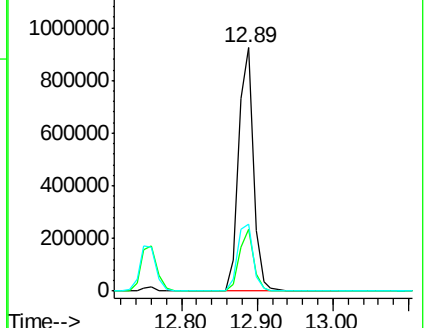
91 27.8 14.1 42.4

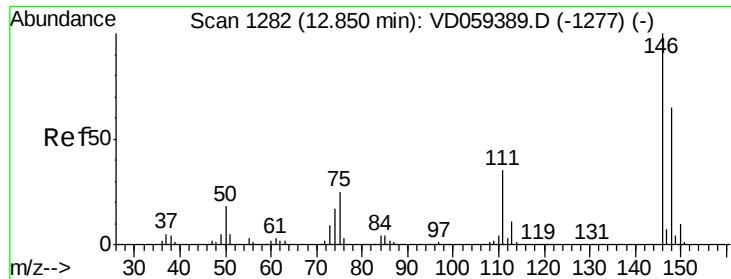


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.693 ug/l

RT: 12.84 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

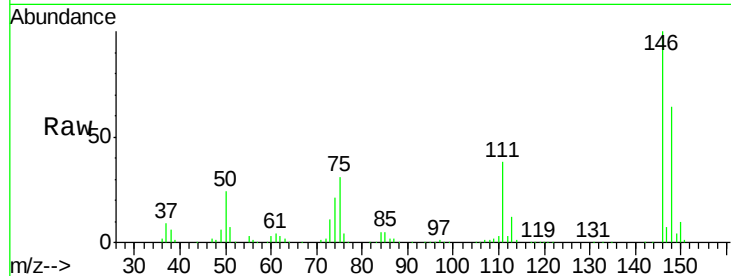
Tot Ion:146 Resp: 792059

Ion Ratio Lower Upper

146 100

111 38.4 17.6 52.8

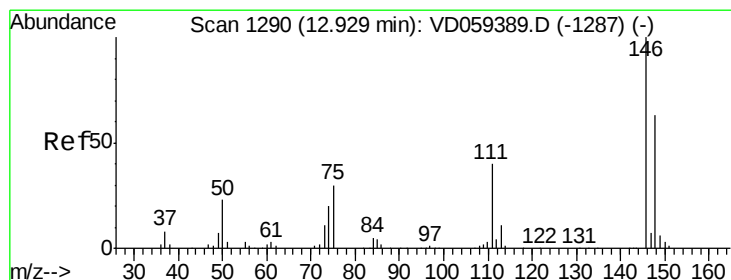
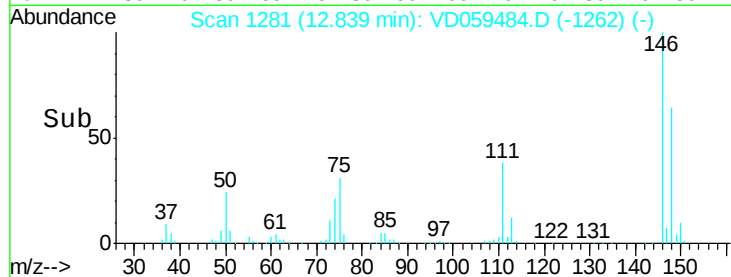
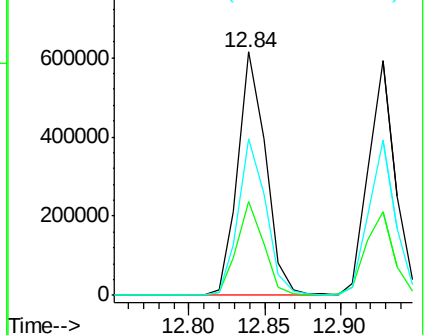
148 64.3 32.4 97.2



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: 50.430 ug/l

RT: 12.93 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VD059484.D

Acq: 29 Jun 2018 11:13

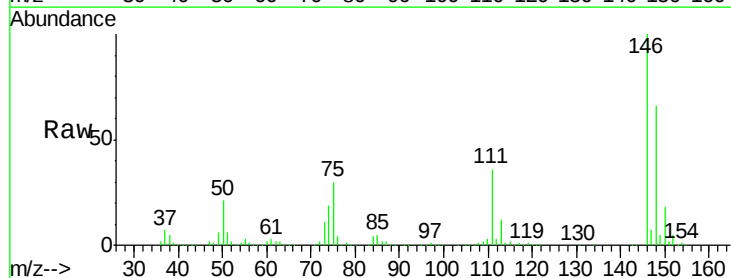
Tgt Ion:146 Resp: 734105

Ion Ratio Lower Upper

146 100

111 35.8 20.1 60.2

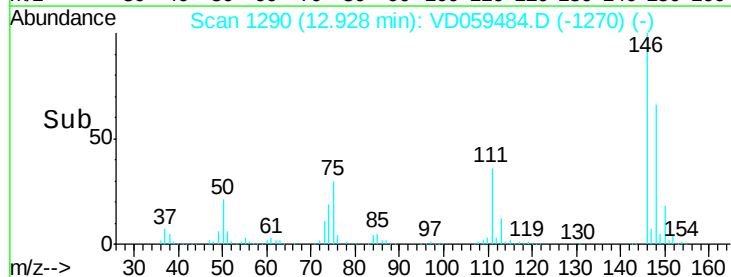
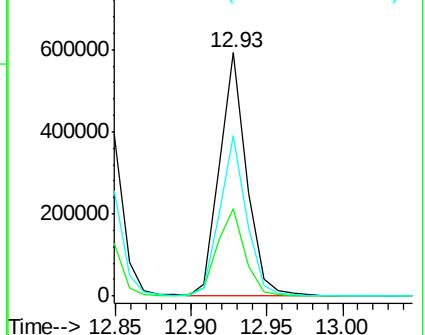
148 66.1 31.4 94.0

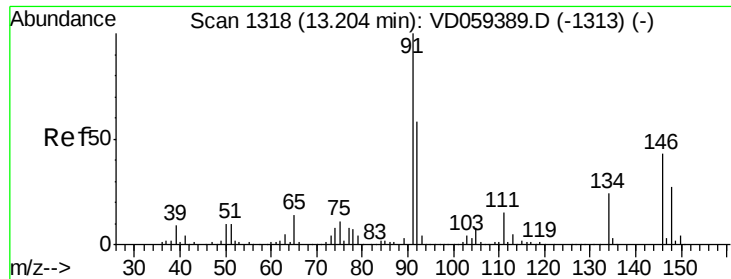


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

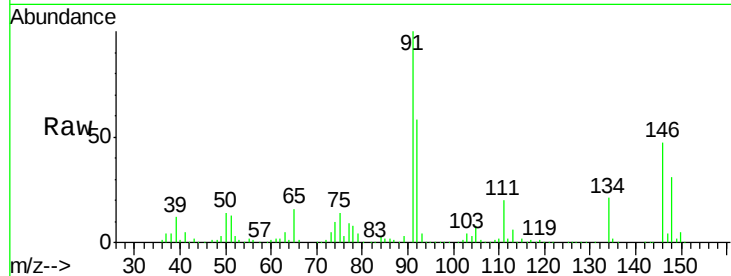
Ion 147.90 (147.60 to 148.60): V



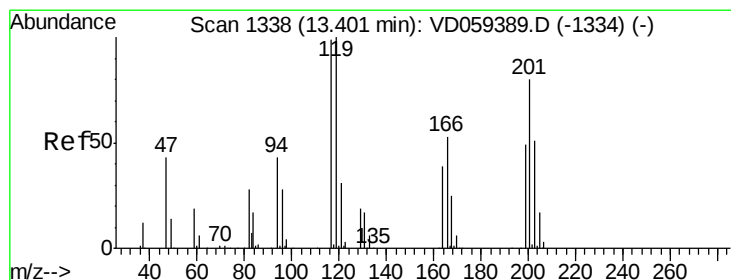
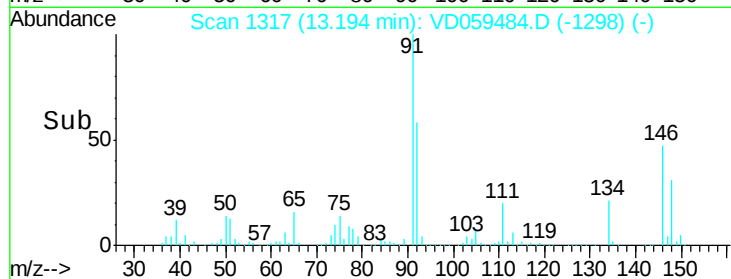
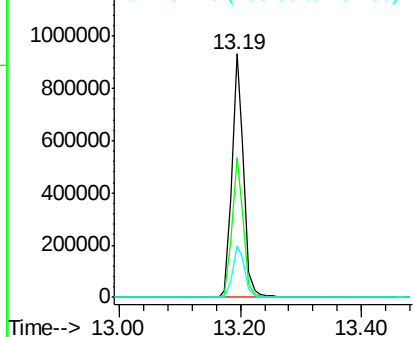


#89
n-Butylbenzene
Concen: 52.727 ug/l
RT: 13.19 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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

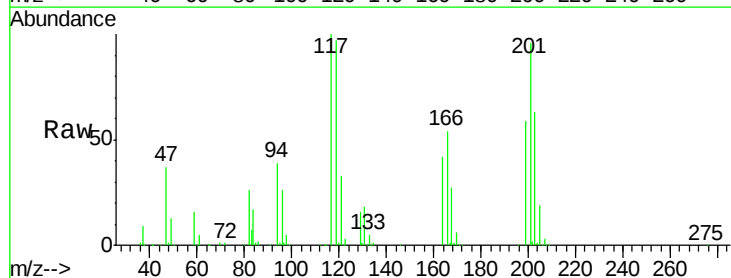


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

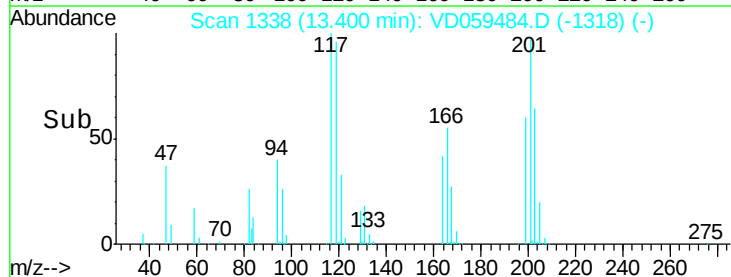
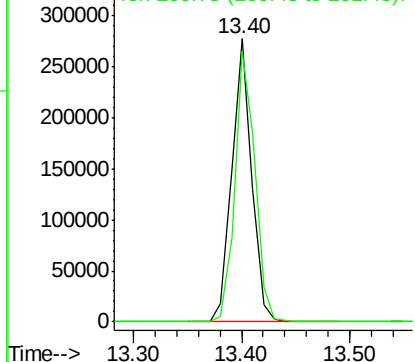


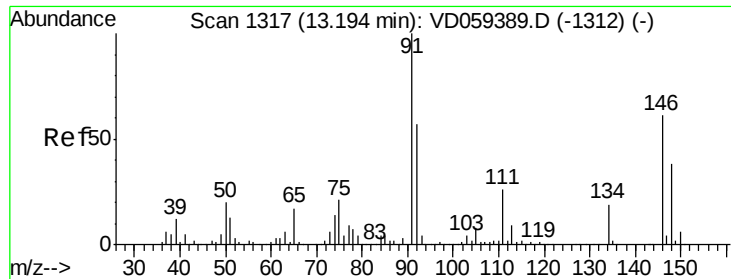
#90
Hexachloroethane
Concen: 59.444 ug/l
RT: 13.40 min Scan# 1338
Delta R.T. -0.00 min
Lab File: VD059484.D
Acq: 29 Jun 2018 11:13

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



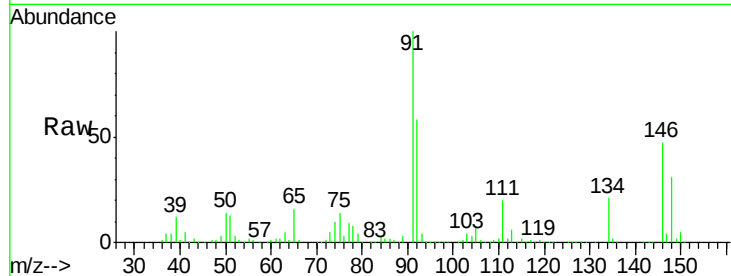
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V



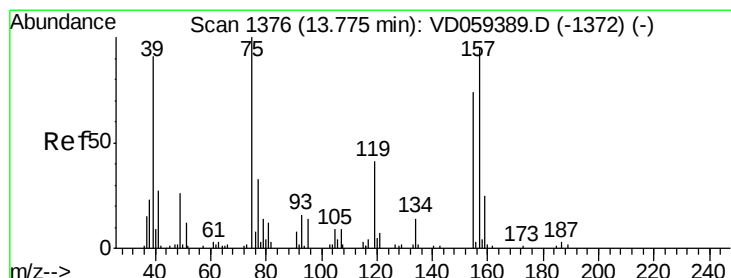
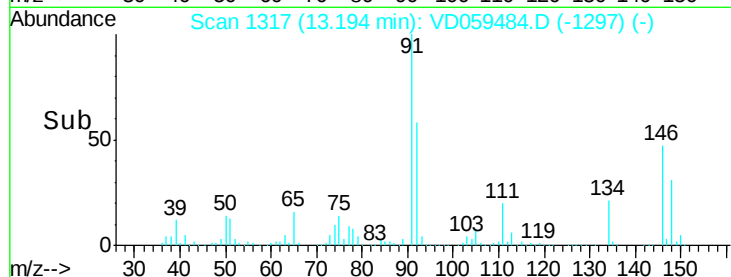
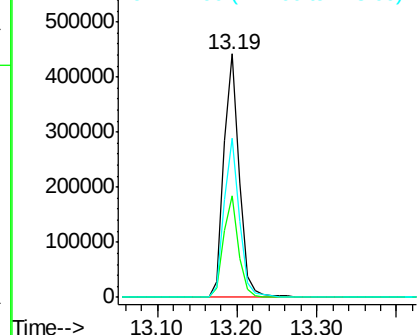


#91
 1,2-Dichlorobenzene
 Concen: 48.831 ug/l
 RT: 13.19 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

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

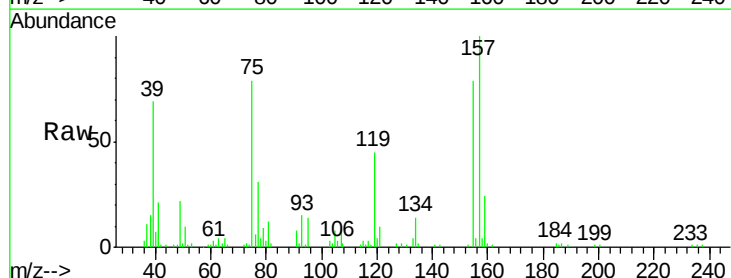


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

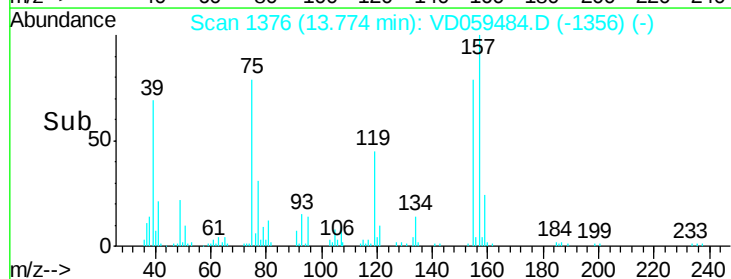
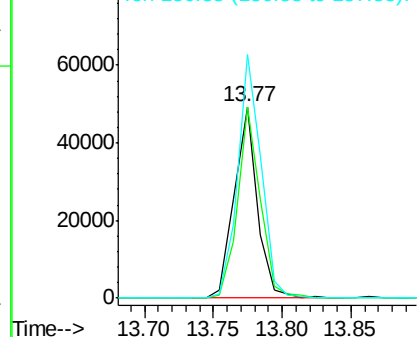


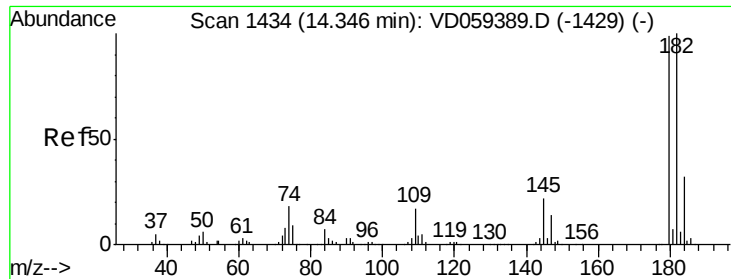
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.171 ug/l
 RT: 13.77 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

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



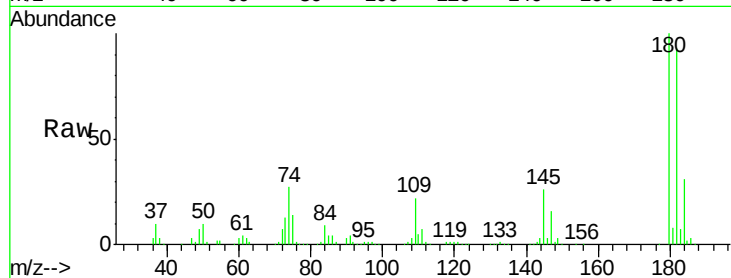
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



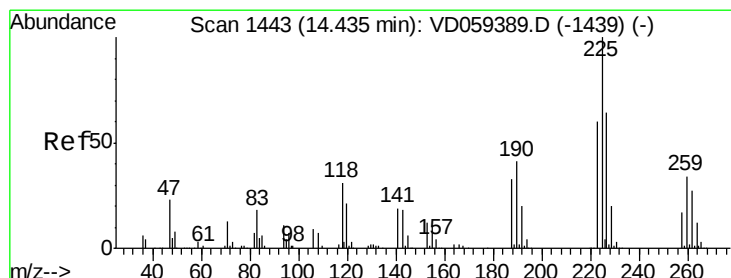
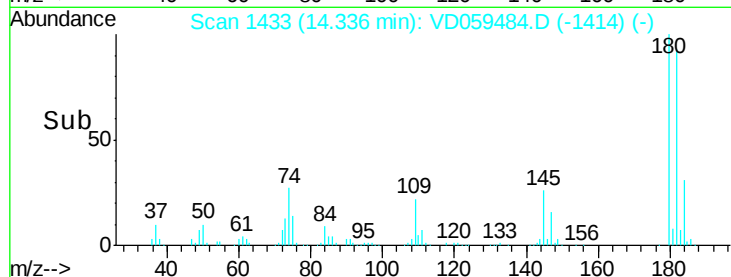
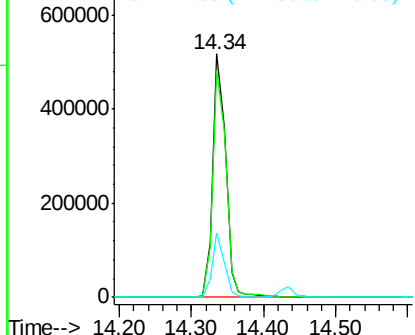


#93
 1,2,4-Trichlorobenzene
 Concen: 56.146 ug/l
 RT: 14.34 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

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

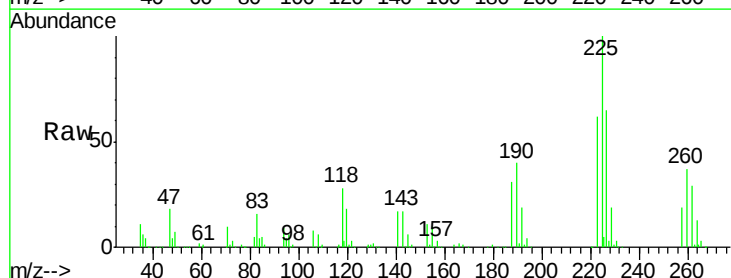


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

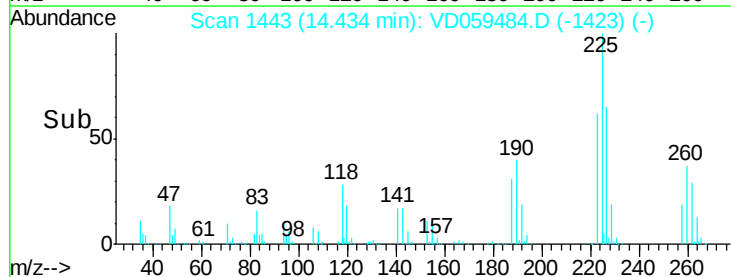
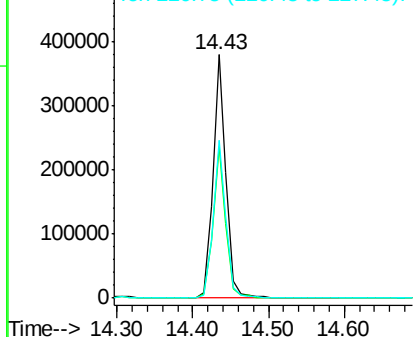


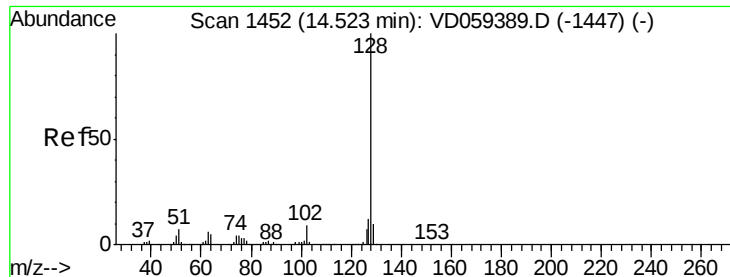
#94
 Hexachlorobutadiene
 Concen: 53.225 ug/l
 RT: 14.43 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD059484.D
 Acq: 29 Jun 2018 11:13

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



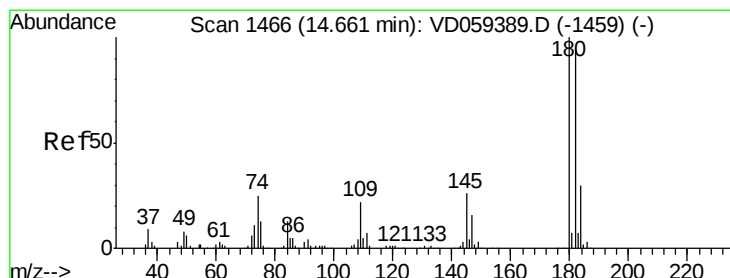
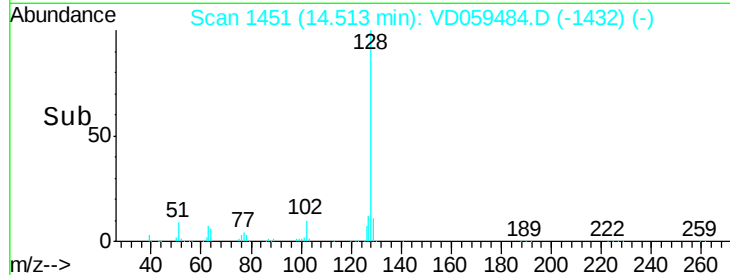
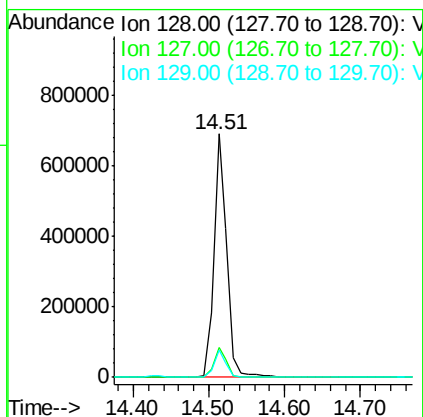
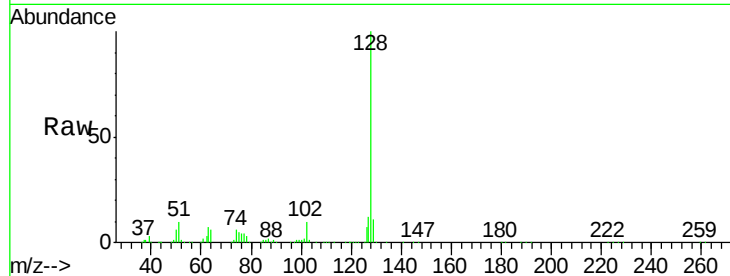
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95
Naphthalene
Concen: 51.784 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: 53.315 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

