

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062094.D
 Acq On : 30 Apr 2019 19:26
 Operator : FY/SY
 Sample : VSTDCCC050EC
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 01 01:16:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	536536	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.18	114	830702	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	738443	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	338516	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	217254	51.74	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	103.48%	
35) Dibromofluoromethane	6.89	113	316990	55.18	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	110.36%	
50) Toluene-d8	10.38	98	658801	48.19	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	13.54	95	309293	56.41	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	112.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	236992	49.467	ug/l	99
3) Chloromethane	1.74	50	181618	44.603	ug/l	95
4) Vinyl Chloride	1.83	62	179942	48.756	ug/l	98
5) Bromomethane	2.14	94	50251	52.257	ug/l	98
6) Chloroethane	2.25	64	67961	50.942	ug/l	90
7) Trichlorofluoromethane	2.51	101	277216	49.679	ug/l	99
8) Diethyl Ether	2.85	74	78676	52.606	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.12	101	277282	53.942	ug/l	96
10) Methyl Iodide	3.28	142	381351	48.836	ug/l	99
11) Tert butyl alcohol	4.03	59	65230	274.932	ug/l	99
12) 1,1-Dichloroethene	3.10	96	227603	52.043	ug/l	99
13) Acrolein	3.02	56	64790	263.190	ug/l	99
14) Allyl chloride	3.60	41	302076	50.584	ug/l	97
15) Acrylonitrile	4.16	53	192405	261.889	ug/l	97
16) Acetone	3.19	43	259012	258.327	ug/l	95
17) Carbon Disulfide	3.35	76	594645	47.053	ug/l	100
18) Methyl Acetate	3.61	43	100761	55.657	ug/l	99
19) Methyl tert-butyl Ether	4.21	73	438054	50.483	ug/l	95
20) Methylene Chloride	3.78	84	254669	52.322	ug/l	98
21) trans-1,2-Dichloroethene	4.19	96	236188	47.077	ug/l	98
22) Diisopropyl ether	5.08	45	655136	46.988	ug/l	99
23) Vinyl Acetate	5.01	43	1803710	248.418	ug/l	98
24) 1,1-Dichloroethane	4.95	63	398275	47.262	ug/l	100
25) 2-Butanone	6.03	43	304362	250.372	ug/l	99
26) 2,2-Dichloropropane	5.99	77	362104	49.255	ug/l	99
27) cis-1,2-Dichloroethene	6.00	96	285209	49.971	ug/l	98
28) Bromochloromethane	6.40	49	163005	50.554	ug/l	98
29) Tetrahydrofuran	6.42	42	142254	237.495	ug/l	96
30) Chloroform	6.63	83	492992	51.506	ug/l	96
31) Cyclohexane	6.92	56	300578	48.055	ug/l	93
32) 1,1,1-Trichloroethane	6.84	97	391656	47.028	ug/l	100
36) 1,1-Dichloropropene	7.11	75	327266	50.566	ug/l	99
37) Ethyl Acetate	6.15	43	146412	53.087	ug/l	96
38) Carbon Tetrachloride	7.08	117	467865	57.049	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.83	83	316776	49.609	ug/l	98
40) Benzene	7.43	78	774039	48.309	ug/l	96
41) Methacrylonitrile	6.40	41	169341	52.624	ug/l #	94
42) 1,2-Dichloroethane	7.54	62	287775	52.897	ug/l	99
43) Isopropyl Acetate	9.21	43	207570	51.509	ug/l	99
44) Trichloroethene	8.51	130	321121	51.696	ug/l	99
45) 1,2-Dichloropropane	8.91	63	213617	52.553	ug/l	99
46) Dibromomethane	9.03	93	150070	51.309	ug/l	96
47) Bromodichloromethane	9.35	83	364553	52.750	ug/l	99
48) Methyl methacrylate	9.09	41	125537	54.600	ug/l	95
49) 1,4-Dioxane	9.05	88	28475	1148.726	ug/l	94
51) 4-Methyl-2-Pentanone	10.27	43	725117	294.231	ug/l	99
52) Toluene	10.48	92	508877	49.810	ug/l	98
53) t-1,3-Dichloropropene	10.88	75	311512	53.701	ug/l	98
54) cis-1,3-Dichloropropene	10.02	75	366020	51.878	ug/l	98
55) 1,1,2-Trichloroethane	11.17	97	175467	51.159	ug/l	98
56) Ethyl methacrylate	11.02	69	186532	49.105	ug/l	98
57) 1,3-Dichloropropane	11.38	76	272920	51.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.83	63	459807	260.351	ug/l	99
59) 2-Hexanone	11.51	43	465393	251.742	ug/l	99
60) Dibromochloromethane	11.66	129	310091	54.641	ug/l	100
61) 1,2-Dibromoethane	11.78	107	222853	54.774	ug/l	100
64) Tetrachloroethene	11.24	164	232143	44.069	ug/l	95
65) Chlorobenzene	12.38	112	655604	46.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	265934	44.929	ug/l	95
67) Ethyl Benzene	12.51	91	983879	43.199	ug/l	99
68) m/p-Xylenes	12.65	106	722968	87.828	ug/l	99
69) o-Xylene	13.04	106	324635	43.102	ug/l	98
70) Styrene	13.06	104	606539	46.639	ug/l	99
71) Bromoform	13.21	173	165549	49.059	ug/l	99
73) Isopropylbenzene	13.38	105	1000714	44.316	ug/l	99
74) N-amyl acetate	13.25	43	265085	45.582	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	203319	45.947	ug/l	98
76) 1,2,3-Trichloropropane	13.72	75	202601	47.131	ug/l	100
77) Bromobenzene	13.66	156	289035	44.619	ug/l	92
78) n-propylbenzene	13.76	91	1127247	43.607	ug/l	98
79) 2-Chlorotoluene	13.82	91	667495	42.630	ug/l	95
80) 1,3,5-Trimethylbenzene	13.91	105	843598	46.852	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.46	75	60405	46.371	ug/l	97
82) 4-Chlorotoluene	13.93	91	788867	45.748	ug/l	97
83) tert-Butylbenzene	14.18	119	966719	46.347	ug/l	95
84) 1,2,4-Trimethylbenzene	14.22	105	788289	45.851	ug/l	97
85) sec-Butylbenzene	14.36	105	1058582	46.970	ug/l	96
86) p-Isopropyltoluene	14.47	119	876024	43.431	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	504278	44.453	ug/l	96
88) 1,4-Dichlorobenzene	14.52	146	500974	47.223	ug/l	96
89) n-Butylbenzene	14.78	91	829847	45.826	ug/l	95
90) Hexachloroethane	15.00	117	254853	46.726	ug/l	88
91) 1,2-Dichlorobenzene	14.80	146	437991	46.807	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	32855	50.240	ug/l	87

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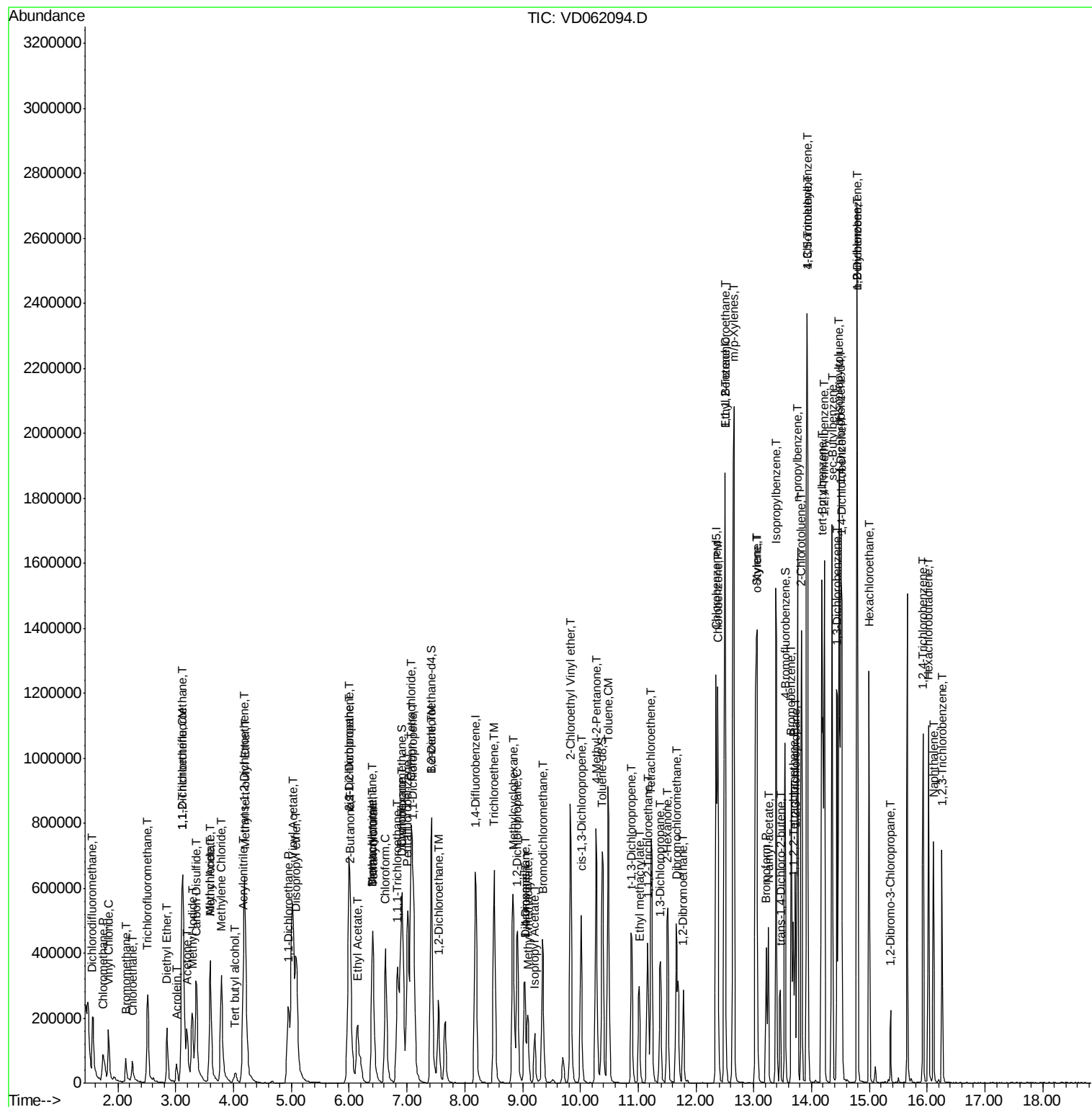
Quant Time: May 01 01:16:46 2019
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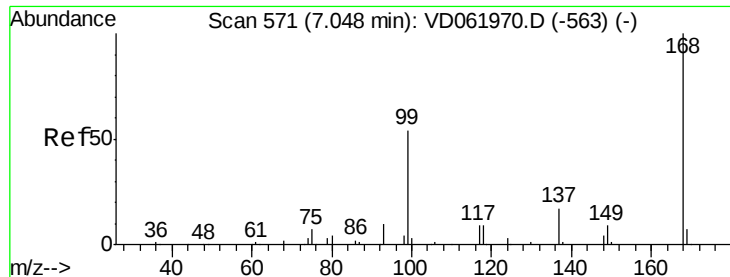
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	264943	52.475	ug/l	97
94) Hexachlorobutadiene	16.03	225	187920	50.295	ug/l	99
95) Naphthalene	16.11	128	434655	53.319	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	174052	60.758	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.04 min

Lab File: VD062094.D

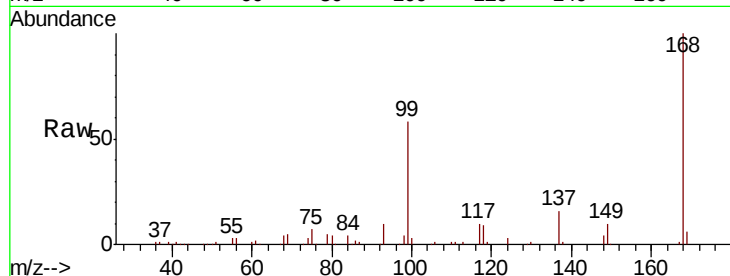
Acq: 30 Apr 2019 19:26

Tot Ion:168 Resp: 536536

Ion Ratio Lower Upper

168 100

99 58.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.01

200000

150000

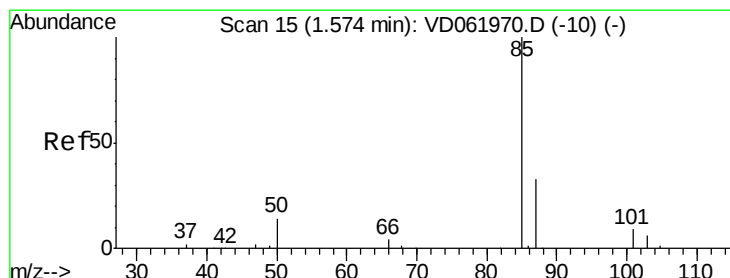
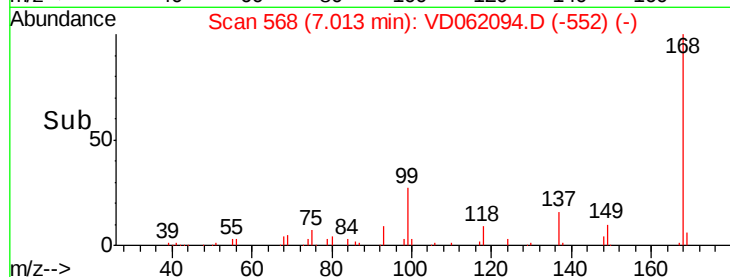
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 49.467 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.02 min

Lab File: VD062094.D

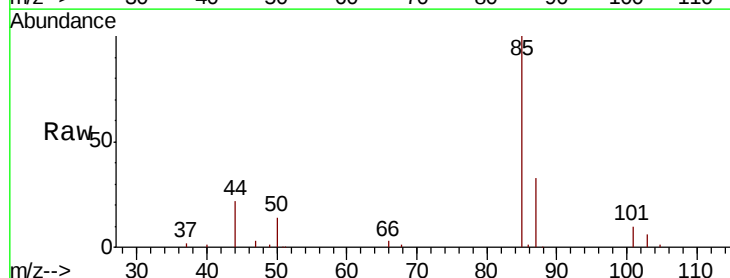
Acq: 30 Apr 2019 19:26

Tgt Ion: 85 Resp: 236992

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

120000

100000

80000

60000

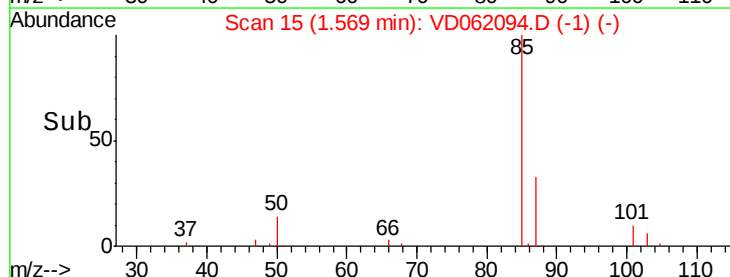
40000

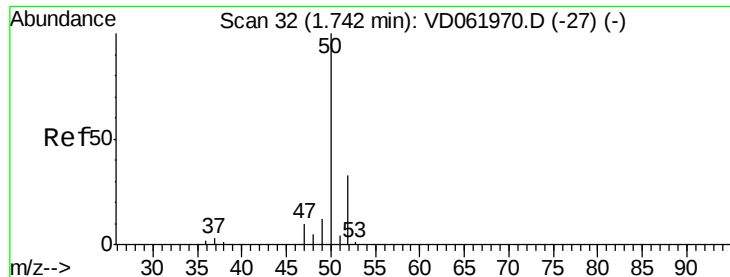
20000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 44.603 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.02 min

Lab File: VD062094.D

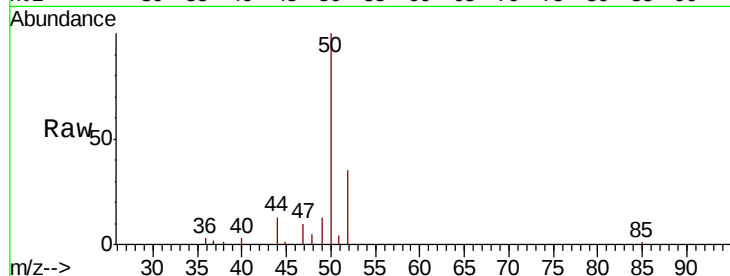
Acq: 30 Apr 2019 19:26

Tot Ion: 50 Resp: 181618

Ion Ratio Lower Upper

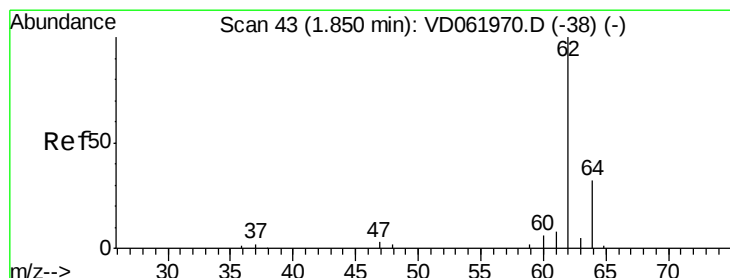
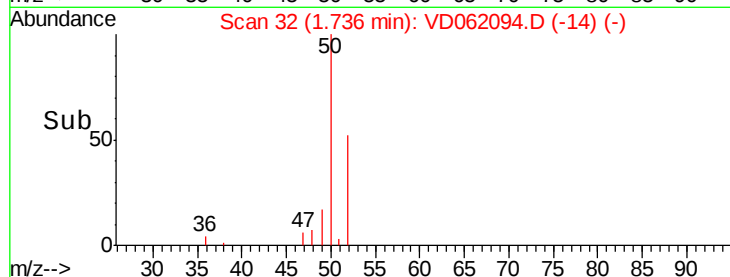
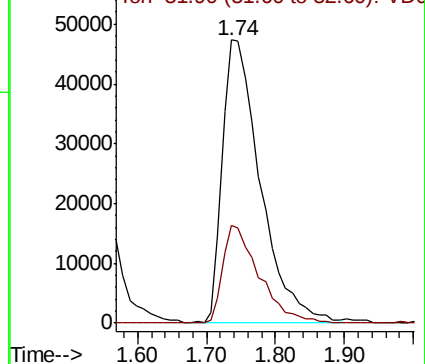
50 100

52 34.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.756 ug/l

RT: 1.83 min Scan# 42

Delta R.T. -0.02 min

Lab File: VD062094.D

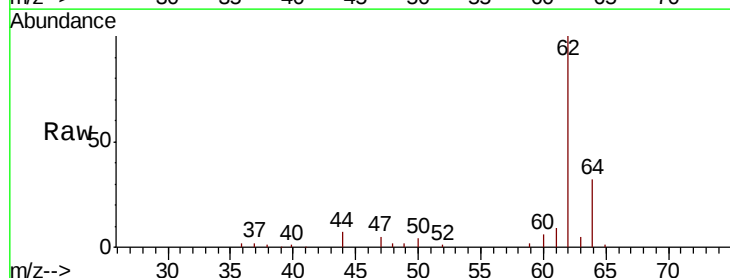
Acq: 30 Apr 2019 19:26

Tgt Ion: 62 Resp: 179942

Ion Ratio Lower Upper

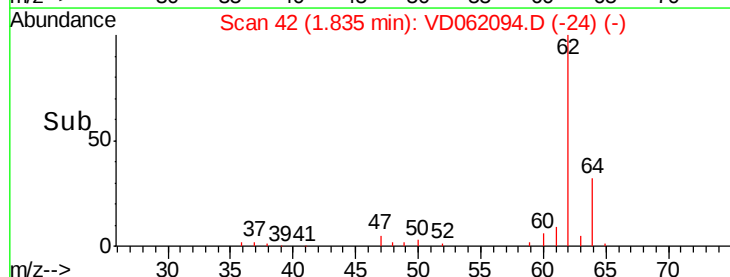
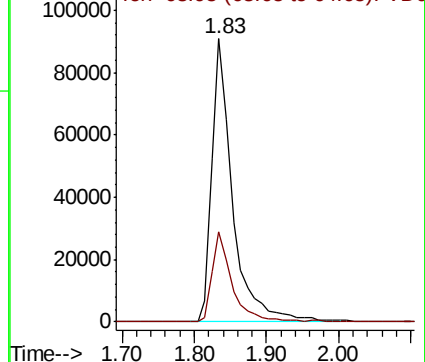
62 100

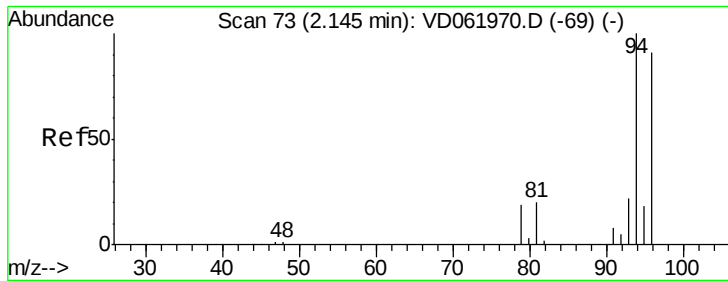
64 31.8 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 52.257 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.02 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

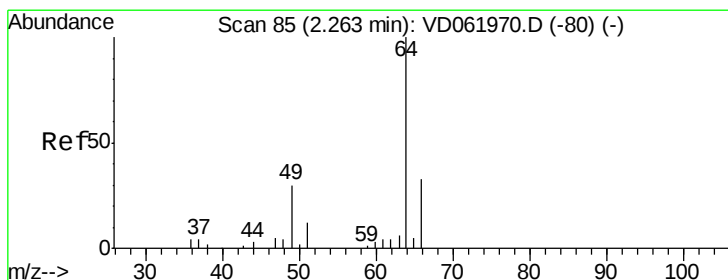
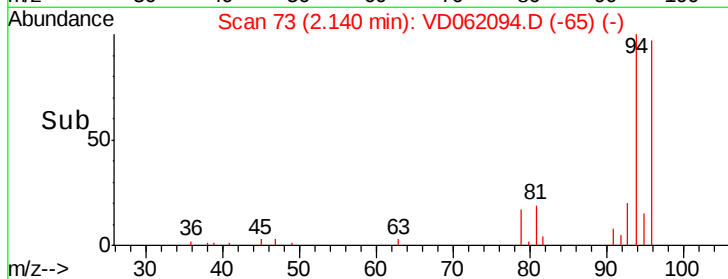
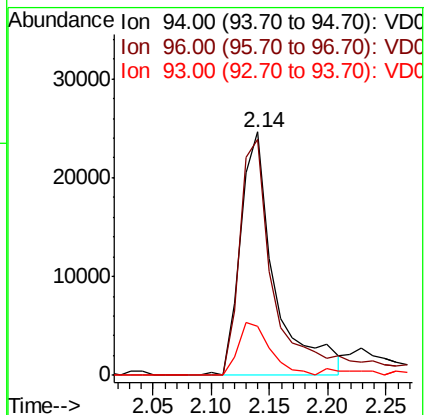
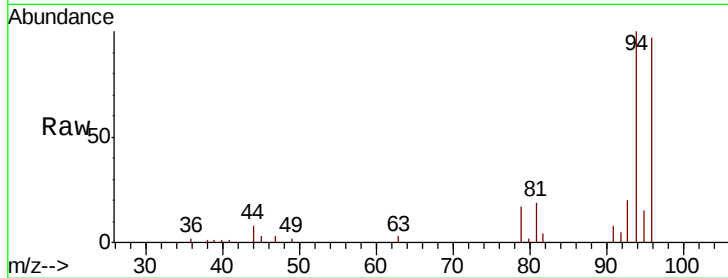
Tot Ion: 94 Resp: 50251

Ion Ratio Lower Upper

94 100

96 96.9 76.6 115.0

93 20.2 18.5 27.7



#6

Chloroethane

Concen: 50.942 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.03 min

Lab File: VD062094.D

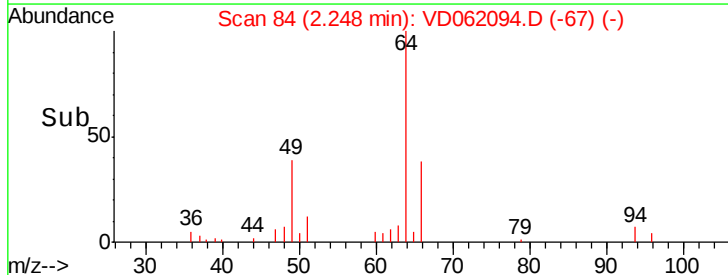
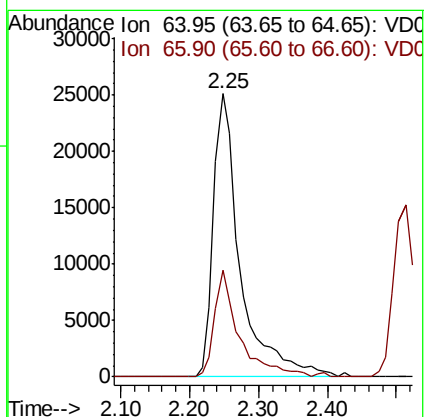
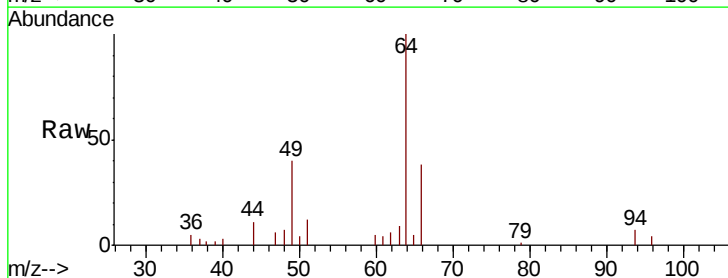
Acq: 30 Apr 2019 19:26

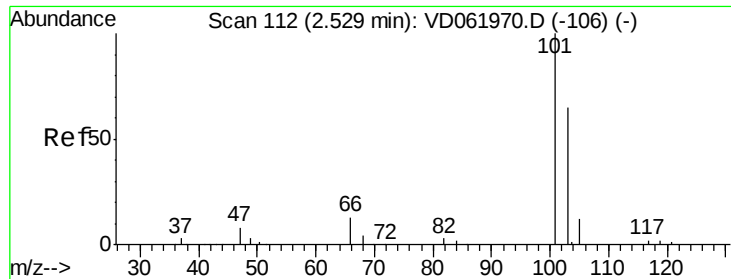
Tgt Ion: 64 Resp: 67961

Ion Ratio Lower Upper

64 100

66 37.6 25.6 38.4

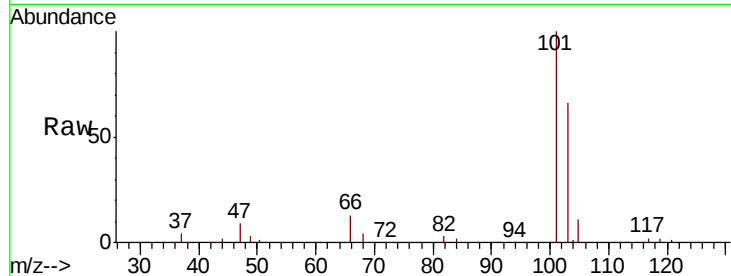




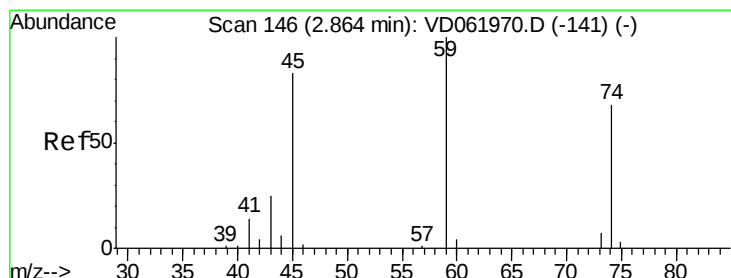
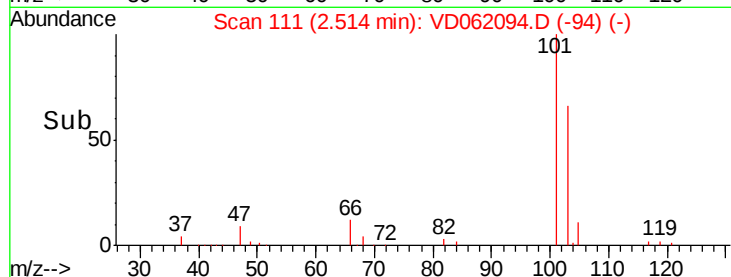
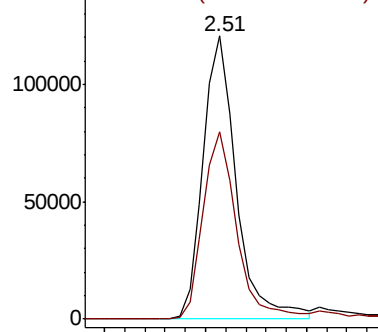
#7

Trichlorofluoromethane
 Concen: 49.679 ug/l
 RT: 2.51 min Scan# 111
 Delta R.T. -0.03 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tot Ion:101 Resp: 277216
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.6 80.4



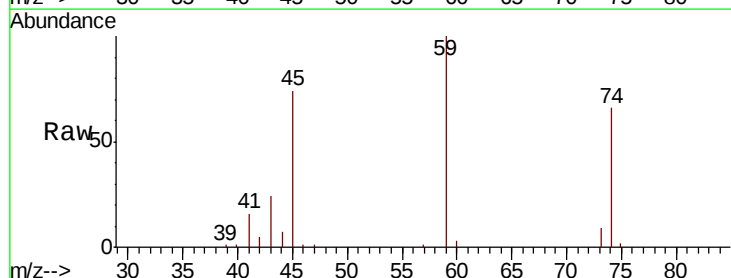
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



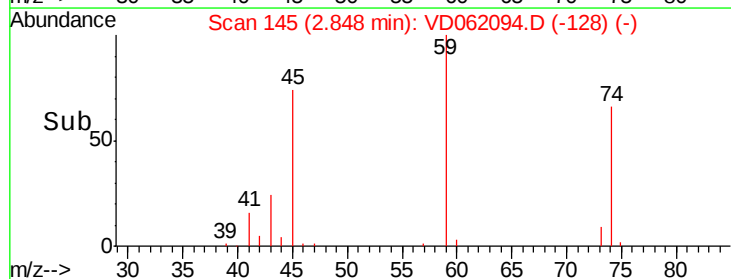
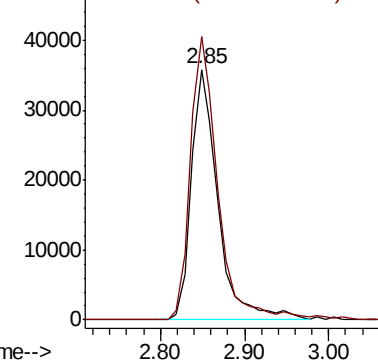
#8

Diethyl Ether
 Concen: 52.606 ug/l
 RT: 2.85 min Scan# 145
 Delta R.T. -0.03 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion: 74 Resp: 78676
 Ion Ratio Lower Upper
 74 100
 45 112.9 56.9 170.7



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: 53.942 ug/l

RT: 3.12 min Scan# 173

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

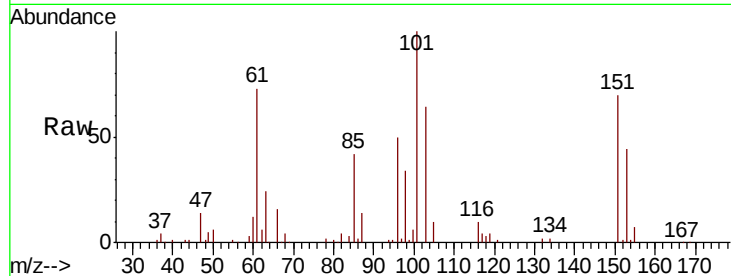
Tot Ion:101 Resp: 277282

Ion Ratio Lower Upper

101 100

85 42.1 32.4 48.6

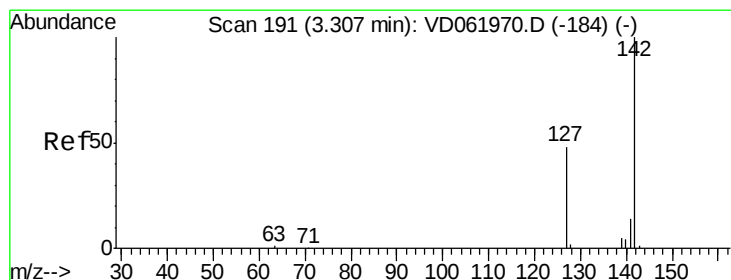
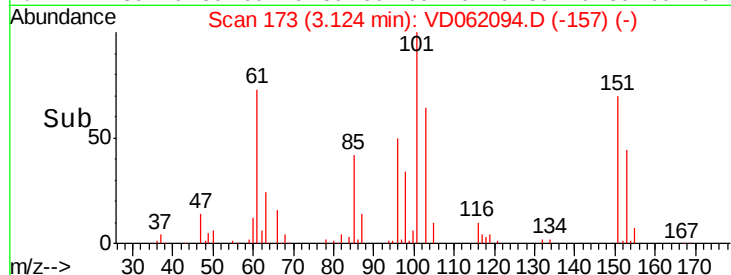
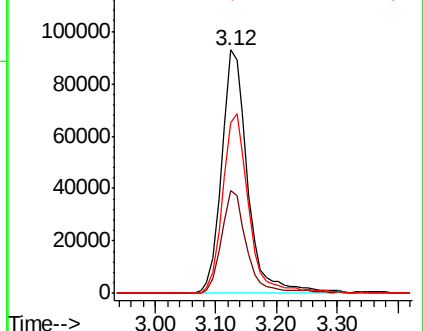
151 70.2 59.4 89.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 48.836 ug/l

RT: 3.28 min Scan# 189

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

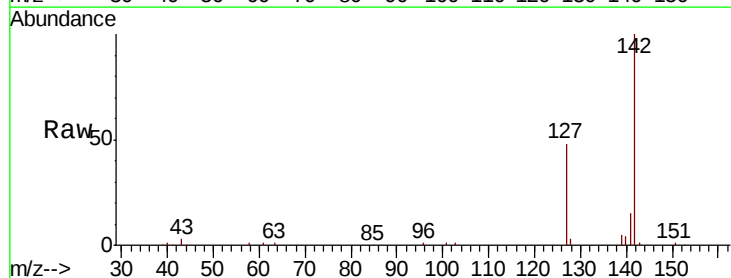
Tgt Ion:142 Resp: 381351

Ion Ratio Lower Upper

142 100

127 47.7 38.8 58.2

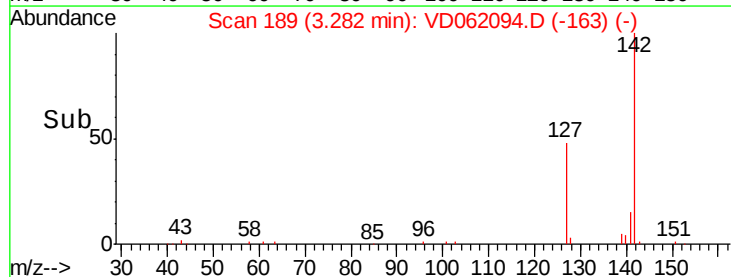
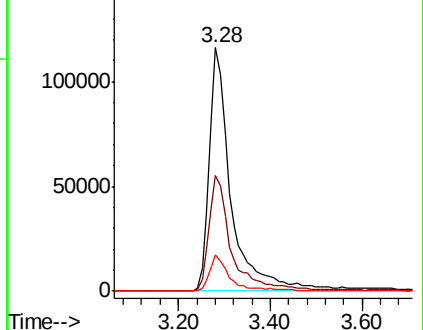
141 14.6 11.4 17.0

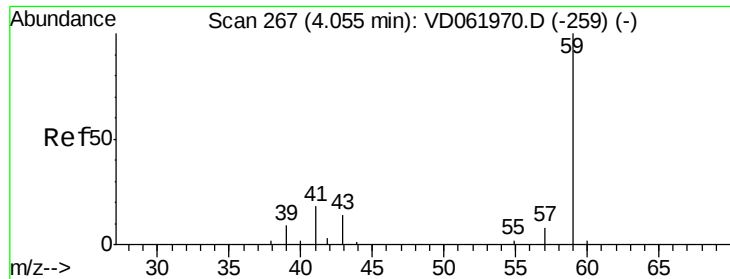


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

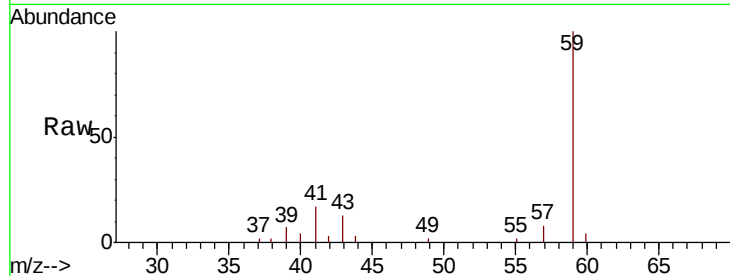




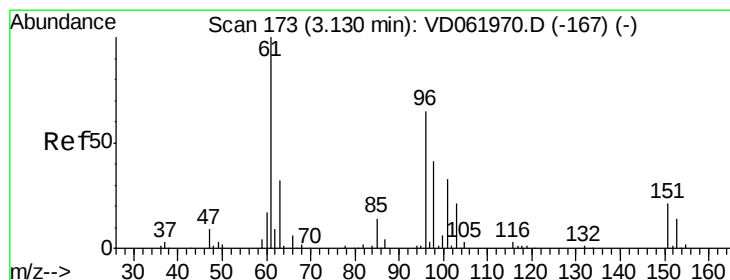
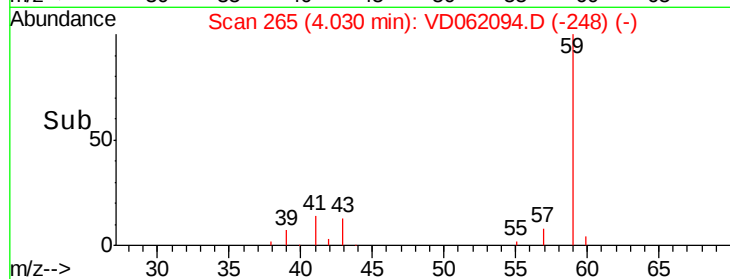
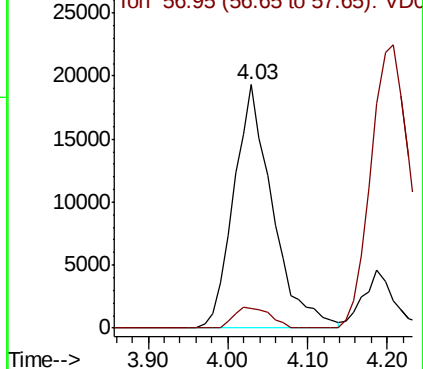
#11

Tert butyl alcohol
 Concen: 274.932 ug/l
 RT: 4.03 min Scan# 265
 Delta R.T. -0.03 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tot Ion: 59 Resp: 65230
 Ion Ratio Lower Upper
 59 100
 57 8.2 6.9 10.3



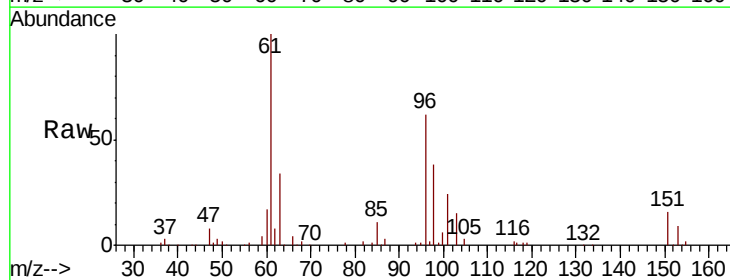
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



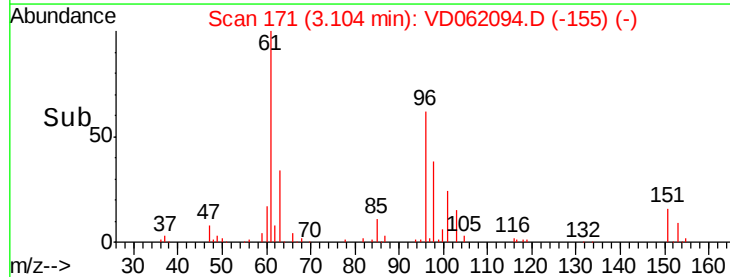
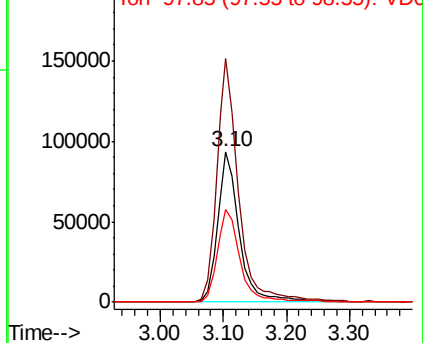
#12

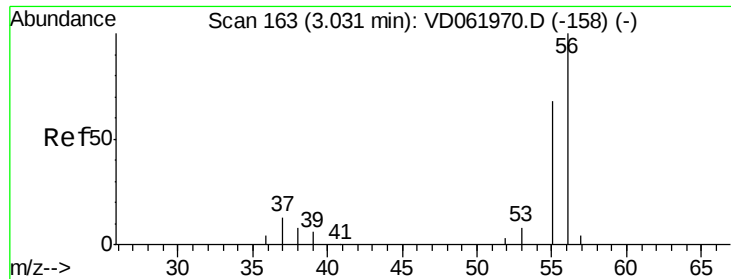
1,1-Dichloroethene
 Concen: 52.043 ug/l
 RT: 3.10 min Scan# 171
 Delta R.T. -0.04 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion: 96 Resp: 227603
 Ion Ratio Lower Upper
 96 100
 61 161.8 129.8 194.8
 98 61.3 51.2 76.8



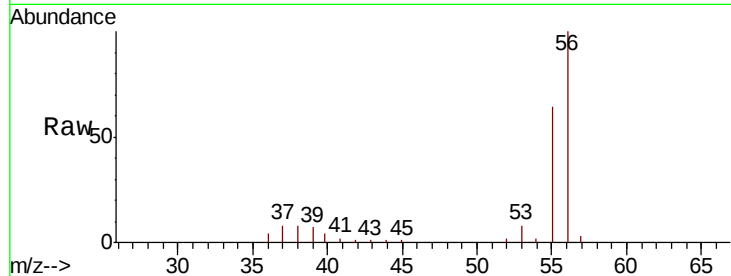
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



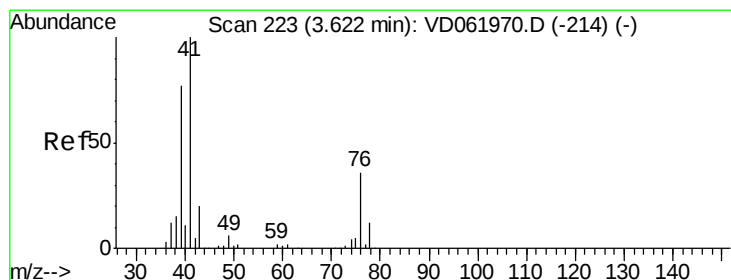
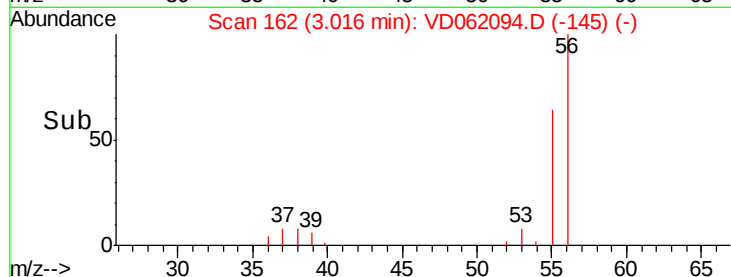
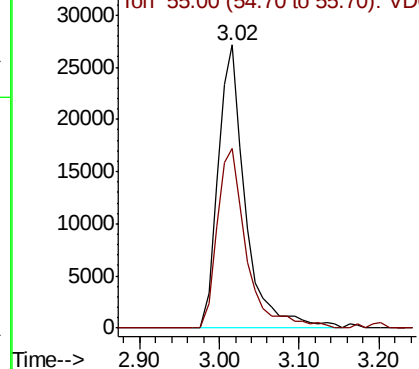


#13
Acrolein
Concen: 263.190 ug/l
RT: 3.02 min Scan# 162
Delta R.T. -0.03 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion: 56 Resp: 64790
Ion Ratio Lower Upper
56 100
55 63.6 51.4 77.2

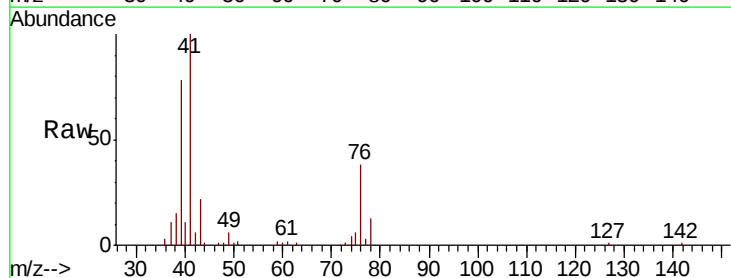


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 55.00 (54.70 to 55.70): VDC

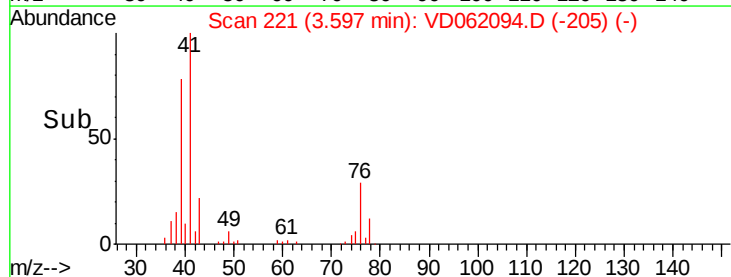
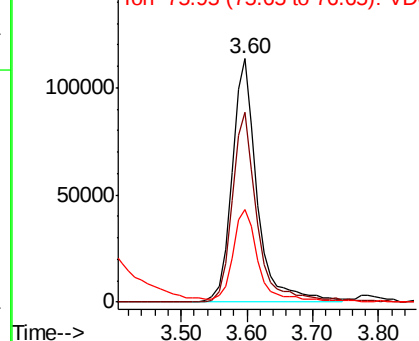


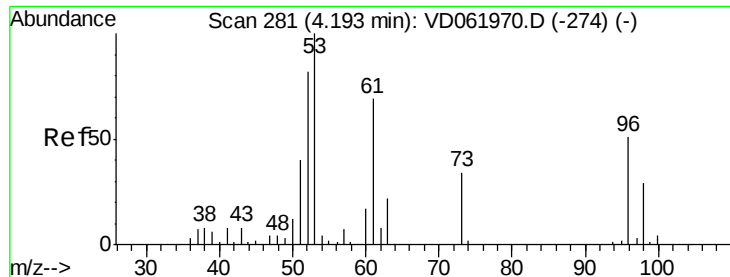
#14
Allyl chloride
Concen: 50.584 ug/l
RT: 3.60 min Scan# 221
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion: 41 Resp: 302076
Ion Ratio Lower Upper
41 100
39 78.0 60.5 90.7
76 38.0 31.8 47.8



Abundance Ion 41.05 (40.75 to 41.75): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 261.889 ug/l

RT: 4.16 min Scan# 278

Delta R.T. -0.05 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

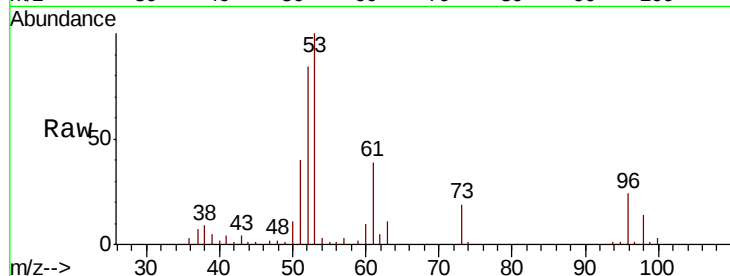
Tot Ion: 53 Resp: 192405

Ion Ratio Lower Upper

53 100

52 84.4 65.0 97.4

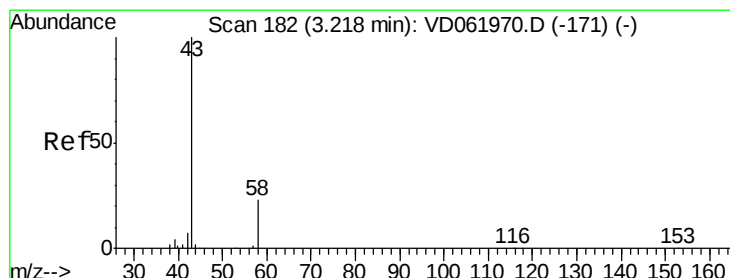
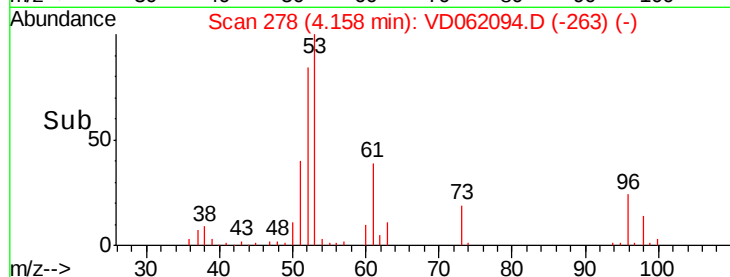
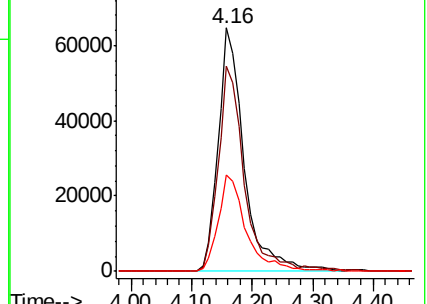
51 39.6 32.6 48.8



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: 258.327 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062094.D

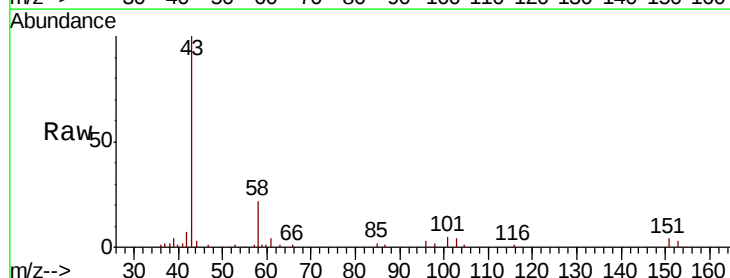
Acq: 30 Apr 2019 19:26

Tgt Ion: 43 Resp: 259012

Ion Ratio Lower Upper

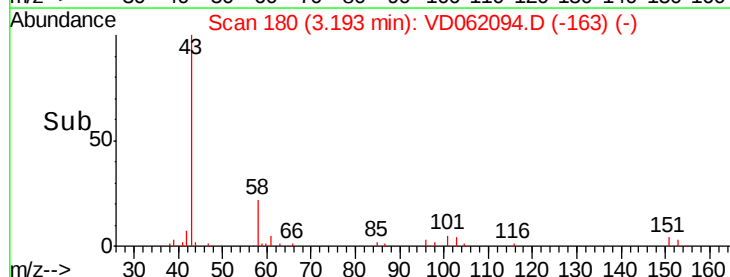
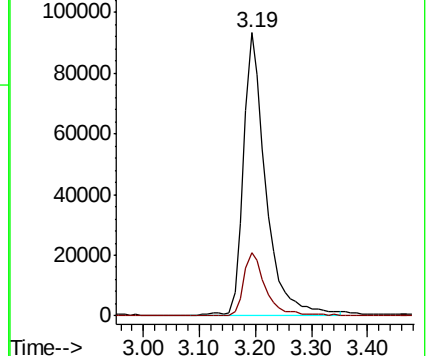
43 100

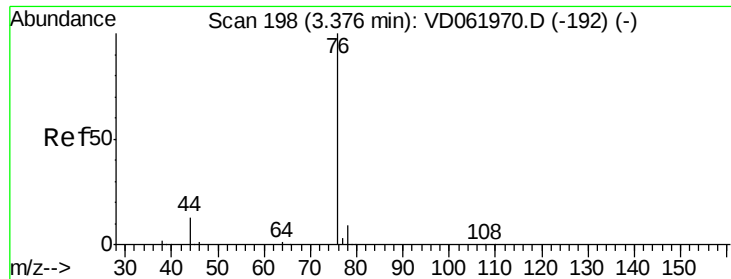
58 22.4 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 47.053 ug/l

RT: 3.35 min Scan# 196

Delta R.T. -0.04 min

Lab File: VD062094.D

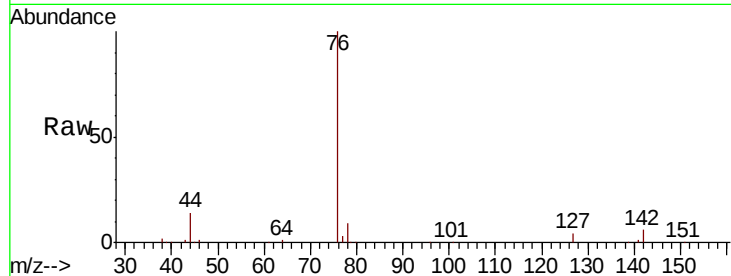
Acq: 30 Apr 2019 19:26

Tot Ion: 76 Resp: 594645

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

250000

200000

150000

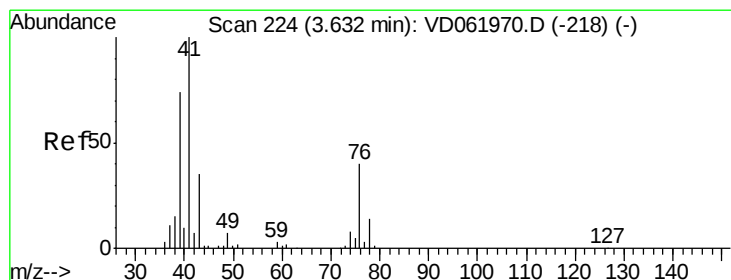
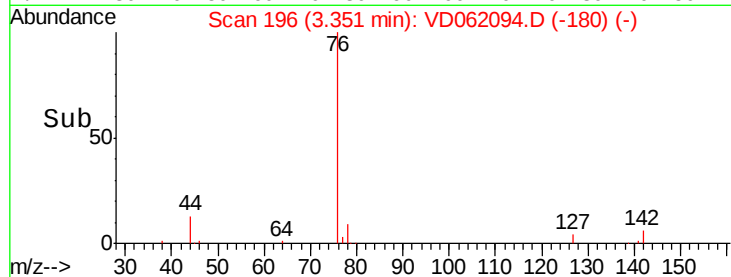
100000

50000

0

3.20 3.30 3.40 3.50 3.60

Time-->



#18

Methyl Acetate

Concen: 55.657 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.04 min

Lab File: VD062094.D

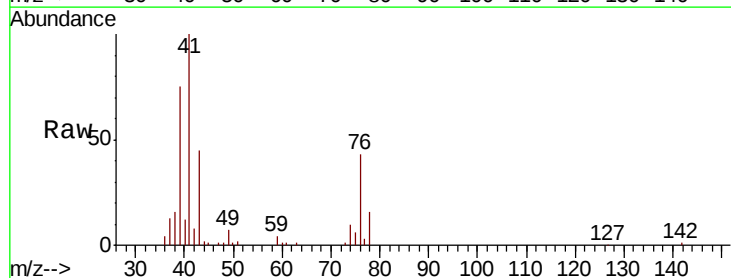
Acq: 30 Apr 2019 19:26

Tgt Ion: 43 Resp: 100761

Ion Ratio Lower Upper

43 100

74 23.2 18.0 27.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

40000

30000

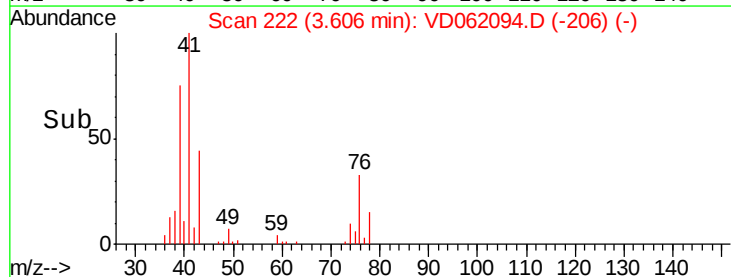
20000

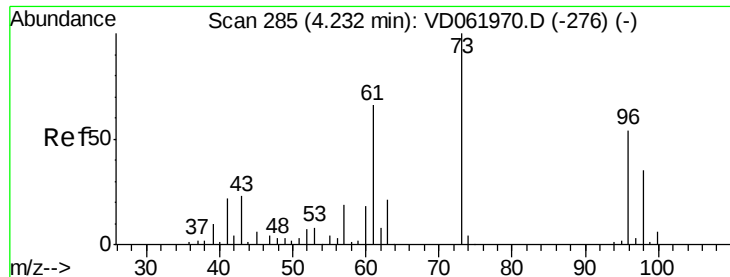
10000

0

3.50 3.60 3.70 3.80

Time-->

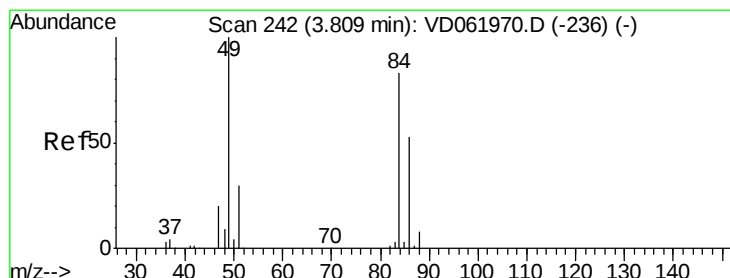
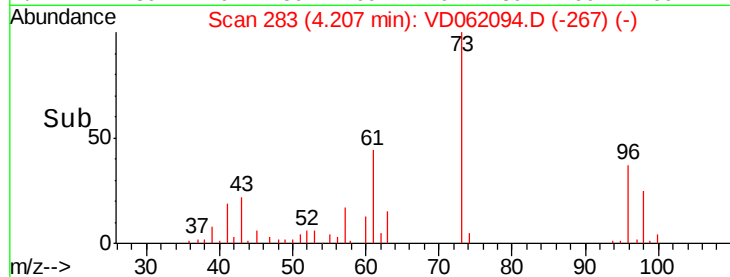
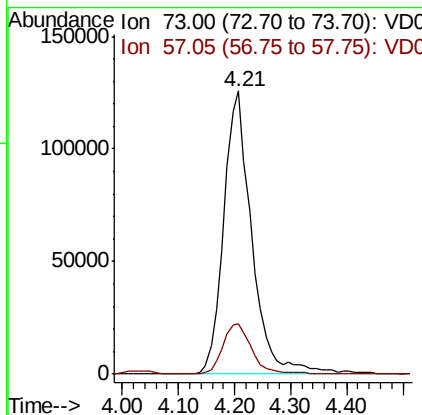
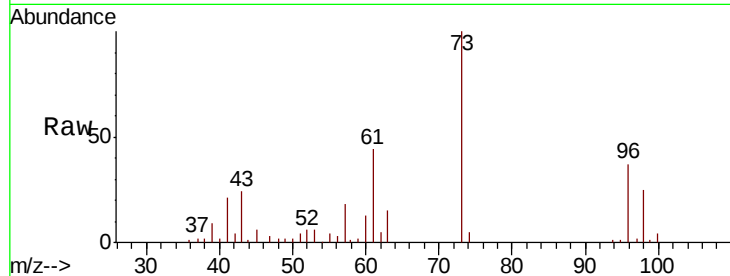




#19

Methyl tert-butyl Ether
 Concen: 50.483 ug/l
 RT: 4.21 min Scan# 283
 Delta R.T. -0.04 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

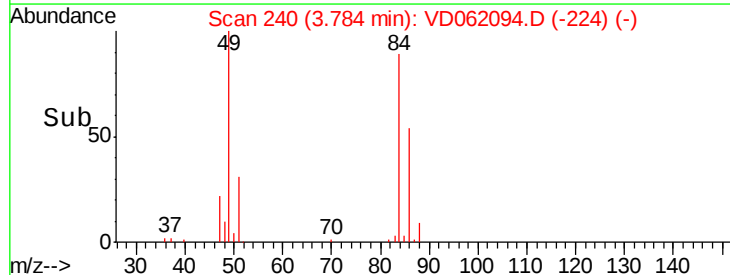
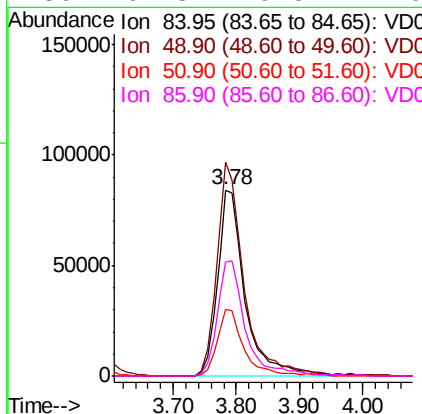
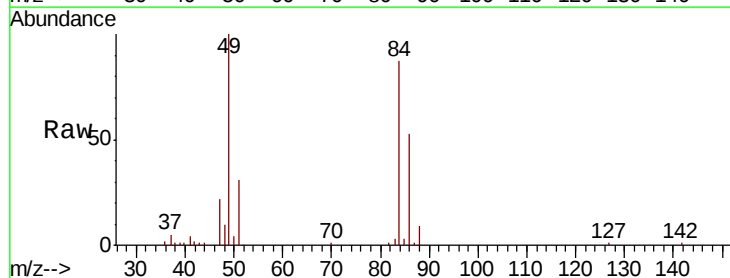
Tot Ion: 73 Resp: 438054
 Ion Ratio Lower Upper
 73 100
 57 17.9 16.3 24.5

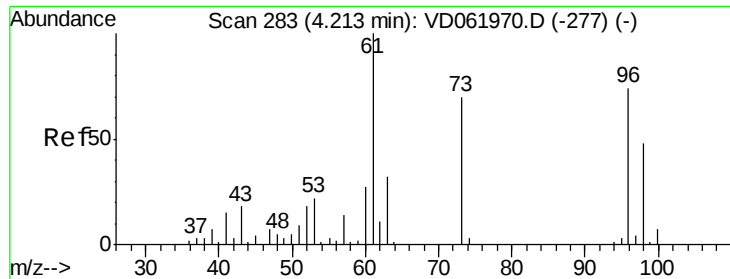


#20

Methylene Chloride
 Concen: 52.322 ug/l
 RT: 3.78 min Scan# 240
 Delta R.T. -0.04 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion: 84 Resp: 254669
 Ion Ratio Lower Upper
 84 100
 49 114.7 94.0 141.0
 51 35.9 29.0 43.4
 86 61.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 47.077 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

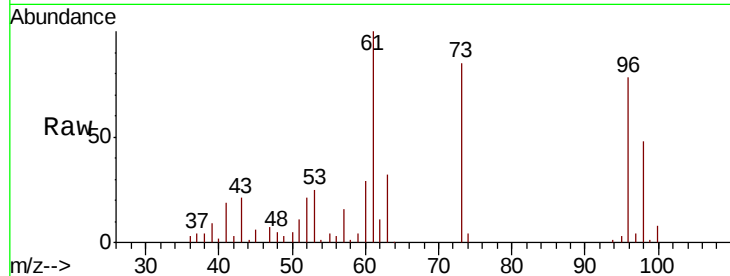
Tot Ion: 96 Resp: 236188

Ion Ratio Lower Upper

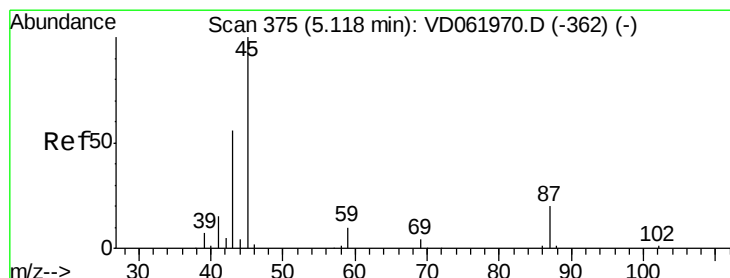
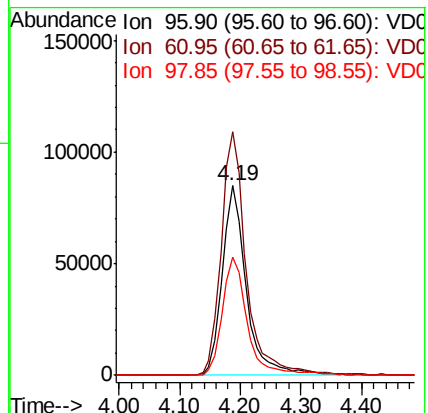
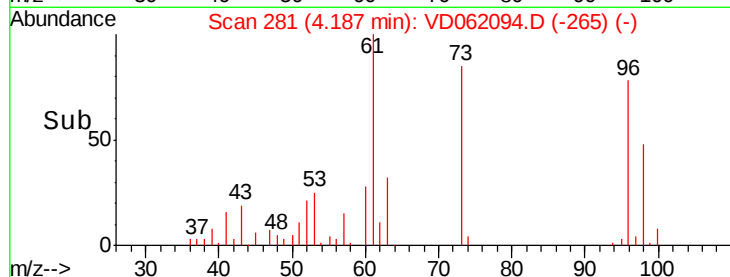
96 100

61 128.5 104.4 156.6

98 62.2 51.8 77.8



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: 46.988 ug/l

RT: 5.08 min Scan# 372

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tgt Ion: 45 Resp: 655136

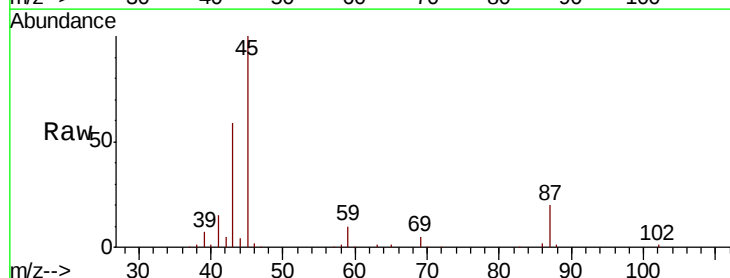
Ion Ratio Lower Upper

45 100

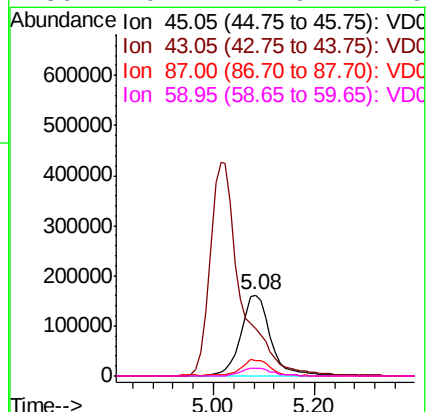
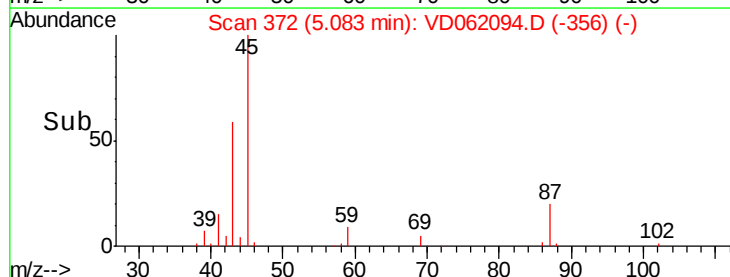
43 59.1 46.2 69.2

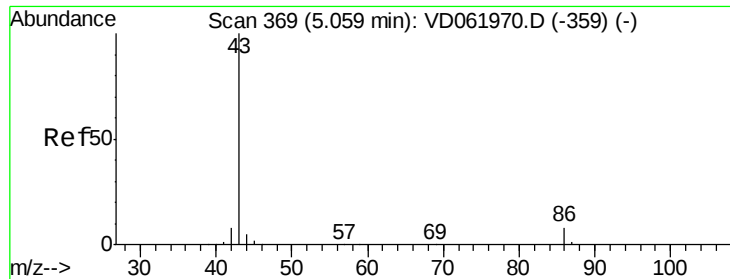
87 19.7 15.9 23.9

59 9.7 7.9 11.9



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: 248.418 ug/l

RT: 5.01 min Scan# 365

Delta R.T. -0.05 min

Lab File: VD062094.D

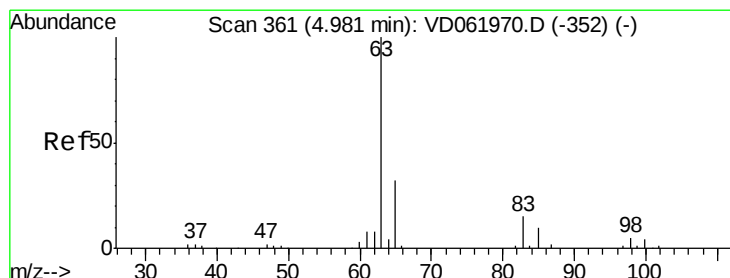
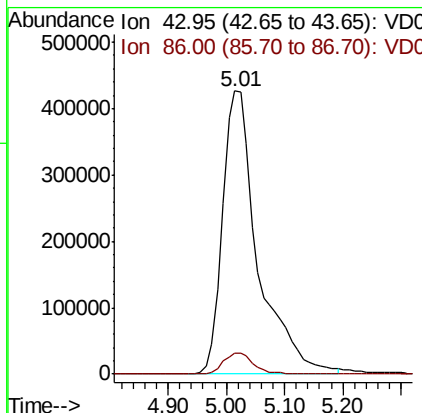
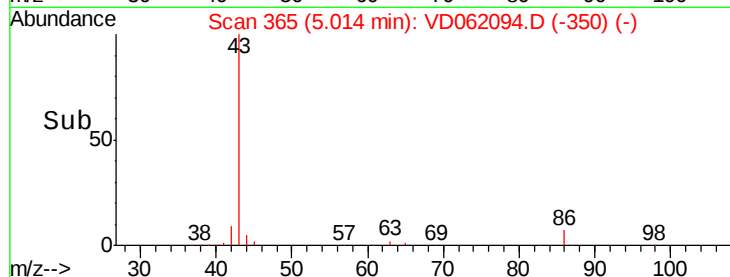
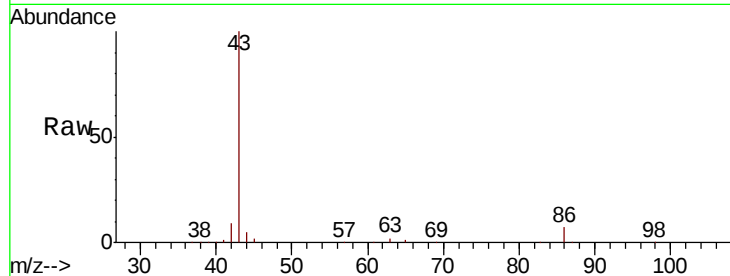
Acq: 30 Apr 2019 19:26

Tot Ion: 43 Resp: 1803710

Ion Ratio Lower Upper

43 100

86 7.3 6.4 9.6



#24

1,1-Dichloroethane

Concen: 47.262 ug/l

RT: 4.95 min Scan# 358

Delta R.T. -0.05 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

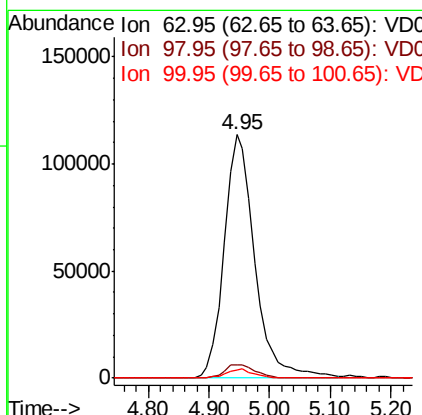
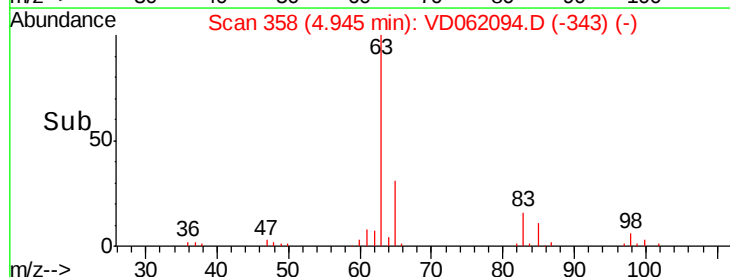
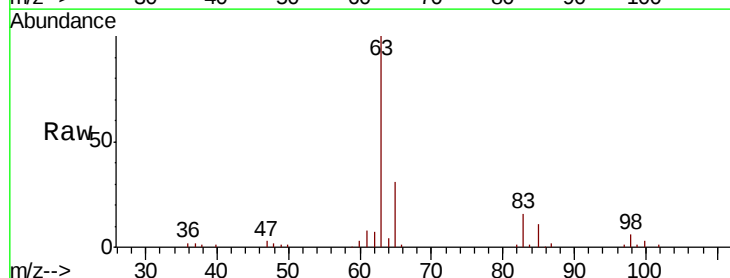
Tgt Ion: 63 Resp: 398275

Ion Ratio Lower Upper

63 100

98 5.5 2.8 8.4

100 3.4 1.8 5.5





#25

2-Butanone

Concen: 250.372 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.05 min

Lab File: VD062094.D

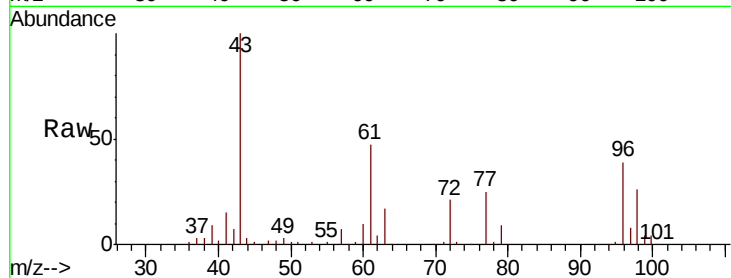
Acq: 30 Apr 2019 19:26

Tot Ion: 43 Resp: 304362

Ion Ratio Lower Upper

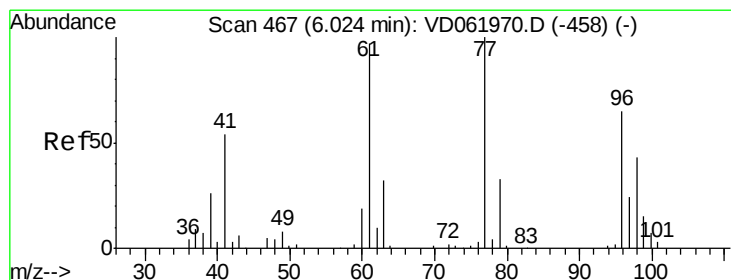
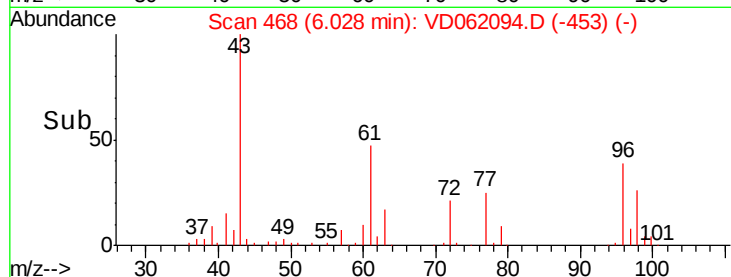
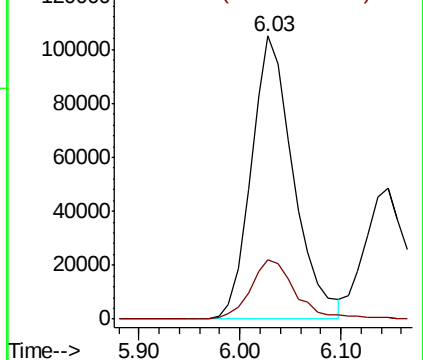
43 100

72 20.8 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 49.255 ug/l

RT: 5.99 min Scan# 464

Delta R.T. -0.04 min

Lab File: VD062094.D

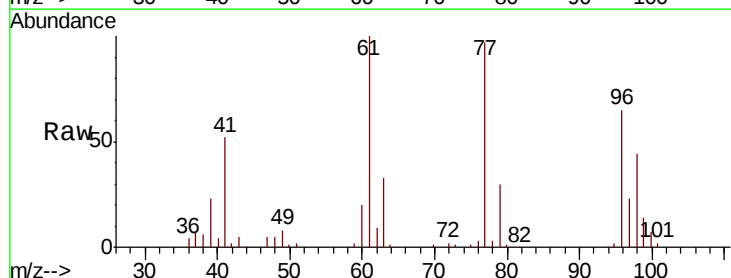
Acq: 30 Apr 2019 19:26

Tgt Ion: 77 Resp: 362104

Ion Ratio Lower Upper

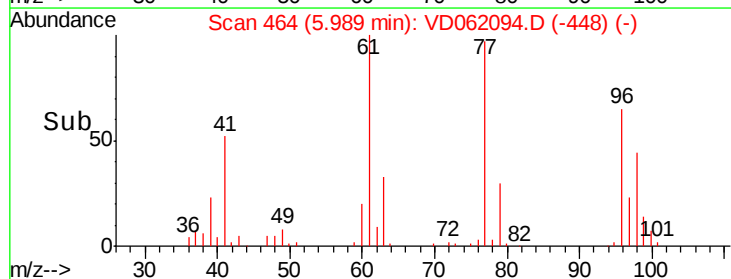
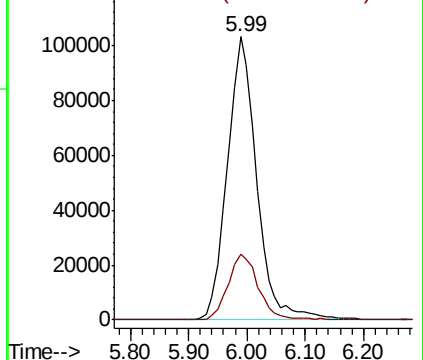
77 100

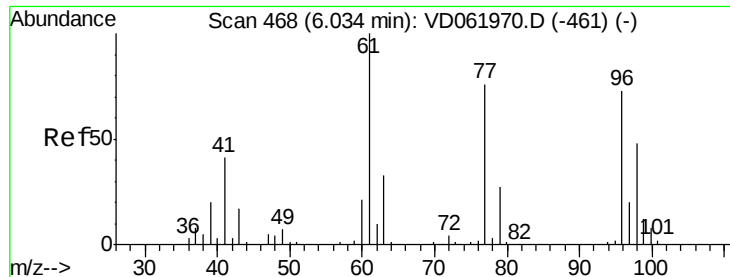
97 23.3 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

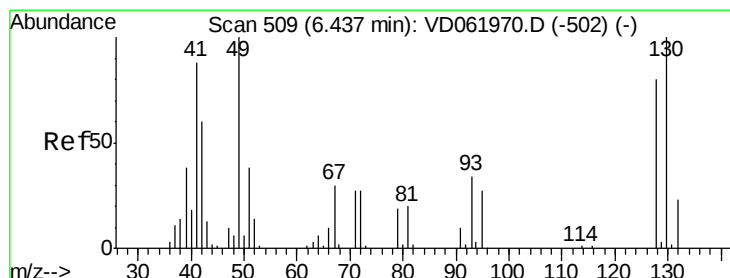
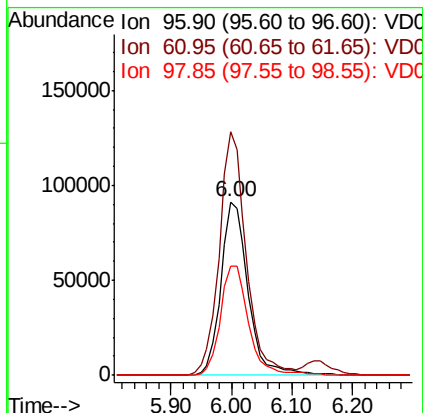
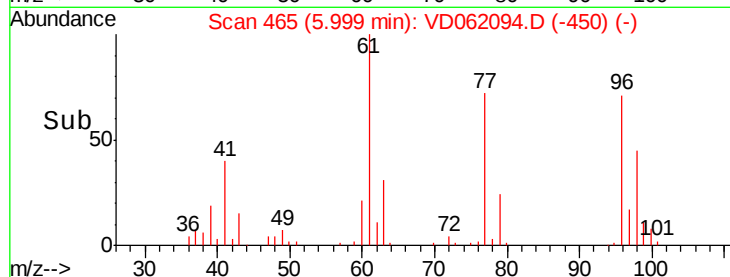
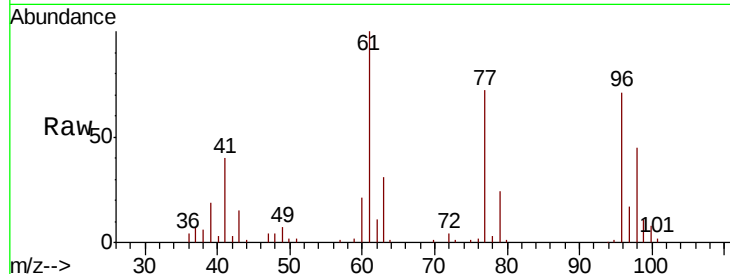




#27

cis-1,2-Dichloroethene
Concen: 49.971 ug/l
RT: 6.00 min Scan# 465
Delta R.T. -0.05 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

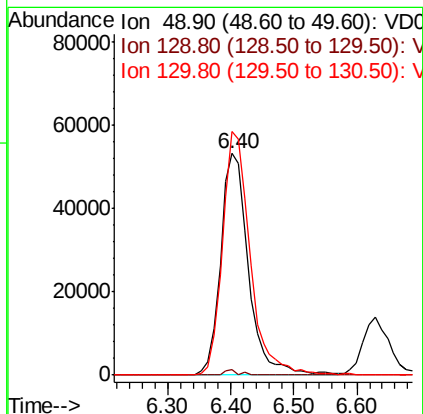
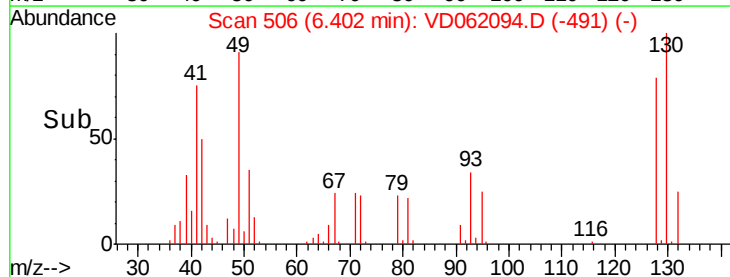
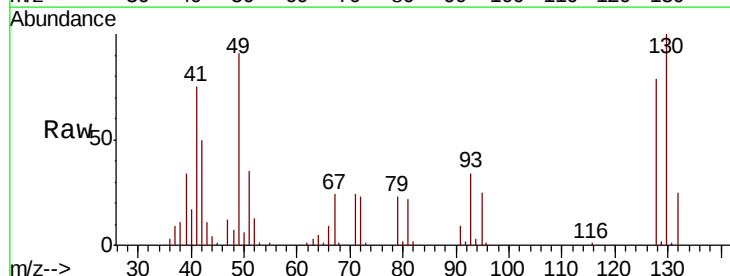
Tot Ion	96	Resp	285209
Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	279.8
98	62.8	0.0	136.0

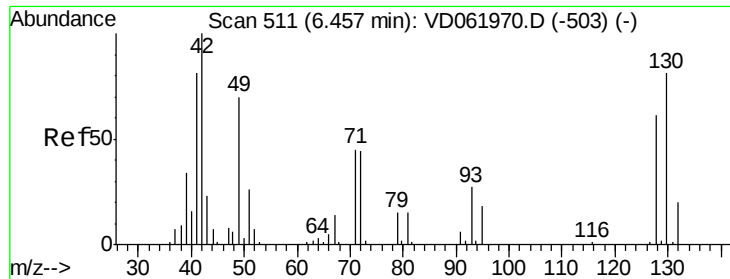


#28

Bromochloromethane
Concen: 50.554 ug/l
RT: 6.40 min Scan# 506
Delta R.T. -0.05 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	49	Resp	163005
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.6
130	110.0	86.7	130.1





#29

Tetrahydrofuran

Concen: 237.495 ug/l

RT: 6.42 min Scan# 508

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

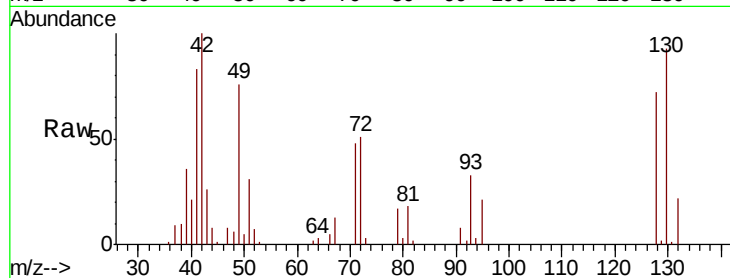
Tot Ion: 42 Resp: 142254

Ion Ratio Lower Upper

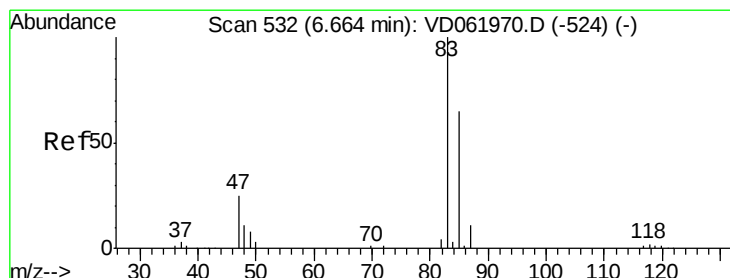
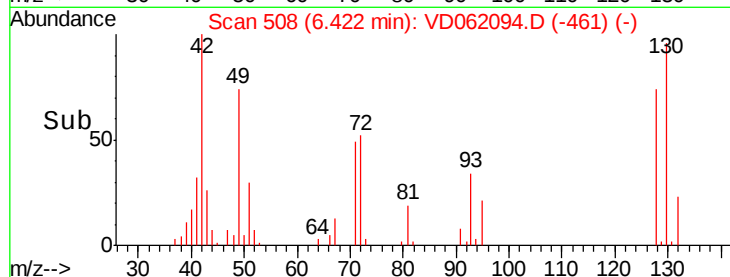
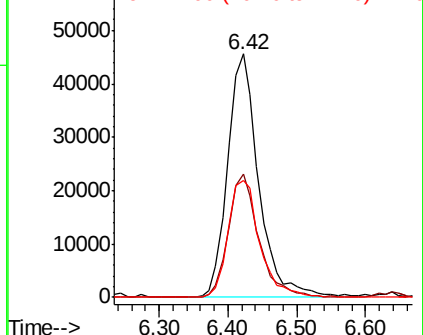
42 100

72 49.7 37.8 56.6

71 48.9 36.7 55.1



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



#30

Chloroform

Concen: 51.506 ug/l

RT: 6.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: VD062094.D

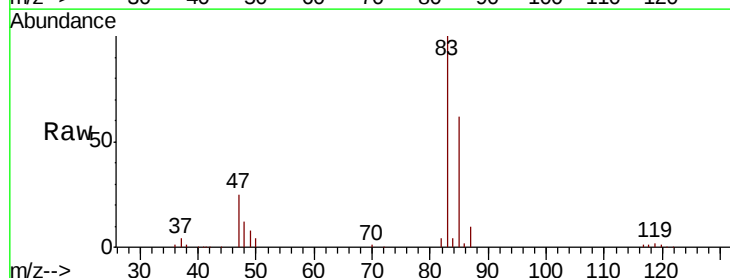
Acq: 30 Apr 2019 19:26

Tgt Ion: 83 Resp: 492992

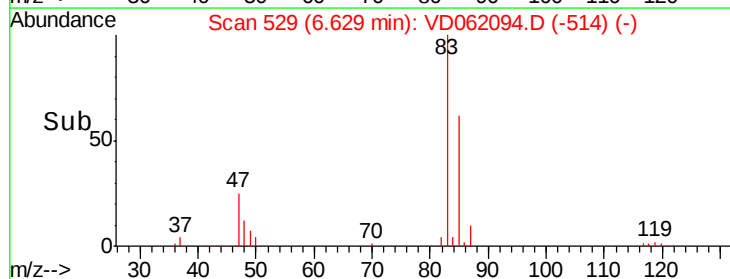
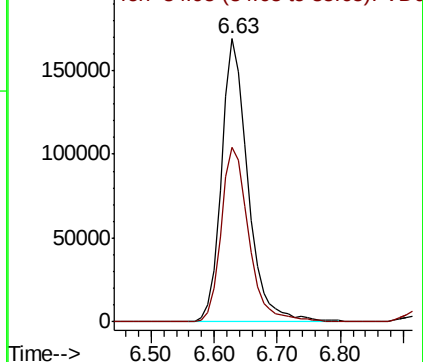
Ion Ratio Lower Upper

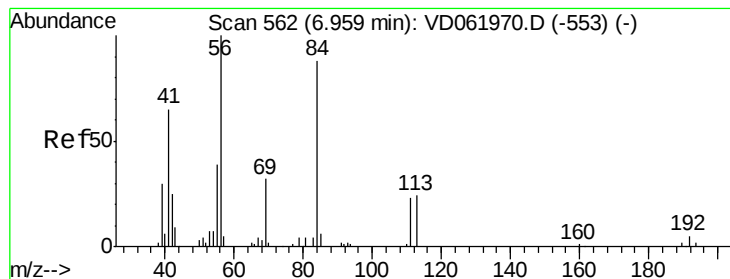
83 100

85 61.8 51.7 77.5



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





#31

Cyclohexane

Concen: 48.055 ug/l

RT: 6.92 min Scan# 559

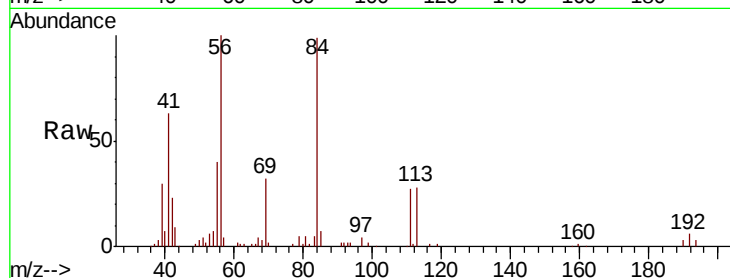
Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tot Ion: 56 Resp: 300578

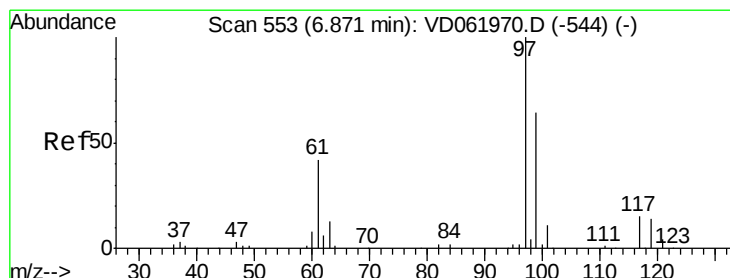
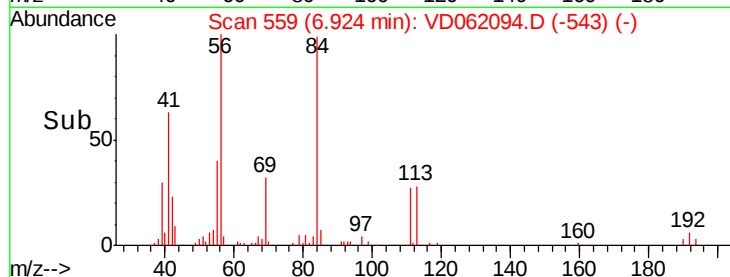
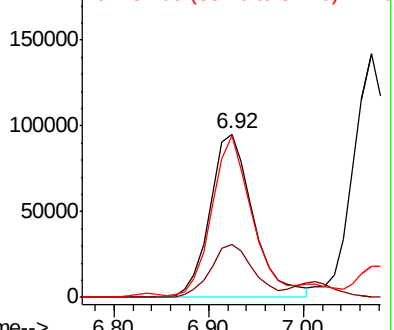
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.8	38.6
84	98.6	72.2	108.4



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 47.028 ug/l

RT: 6.84 min Scan# 550

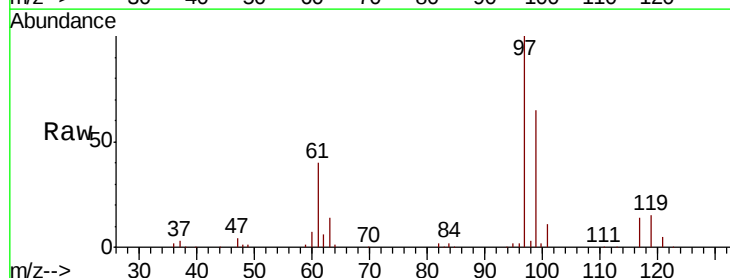
Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tgt Ion: 97 Resp: 391656

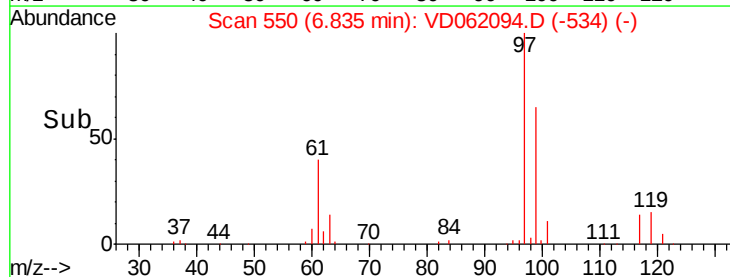
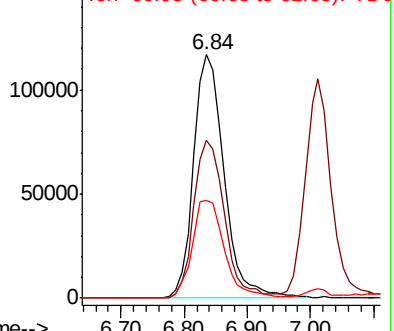
Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.2	78.2
61	40.3	32.4	48.6



Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 98.85 (98.55 to 99.55): VDC

Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 51.737 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062094.D

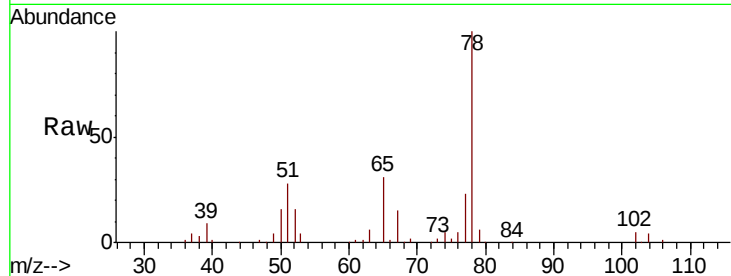
Acq: 30 Apr 2019 19:26

Tot Ion: 65 Resp: 217254

Ion Ratio Lower Upper

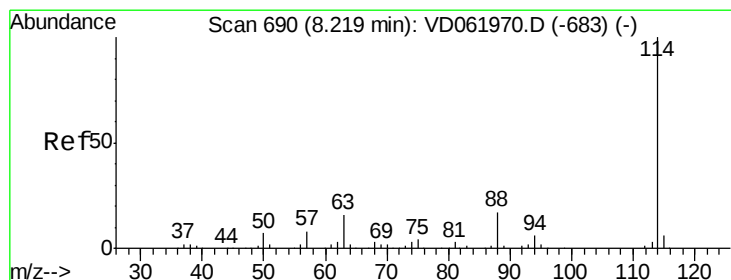
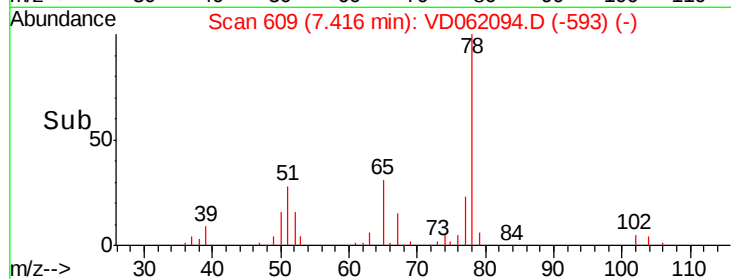
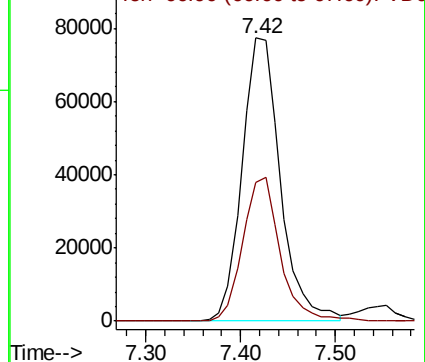
65 100

67 49.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.18 min Scan# 687

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

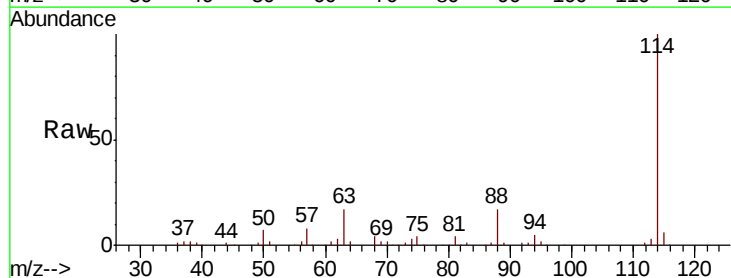
Tgt Ion: 114 Resp: 830702

Ion Ratio Lower Upper

114 100

63 16.6 0.0 32.4

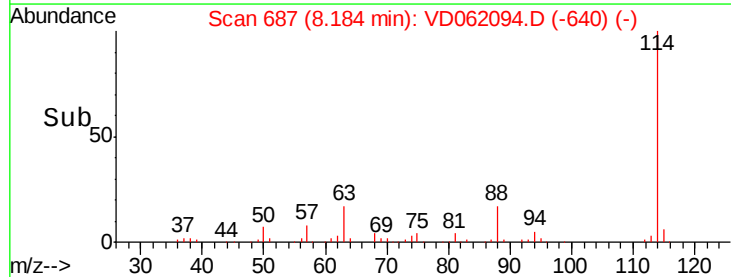
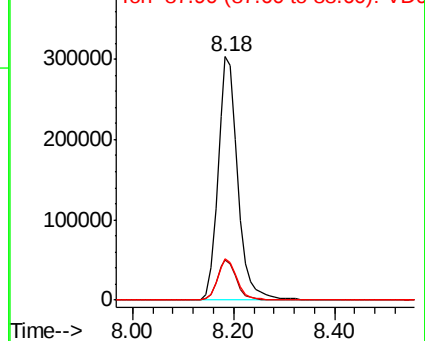
88 17.0 0.0 33.6

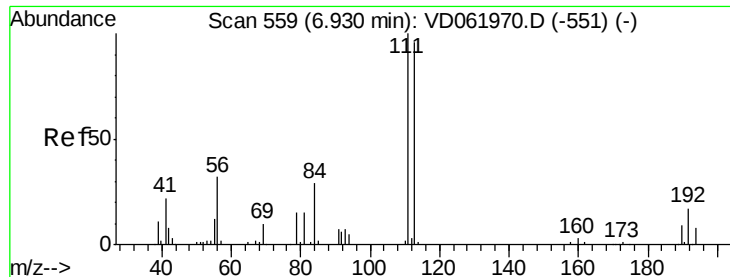


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 55.176 ug/l

RT: 6.89 min Scan# 556

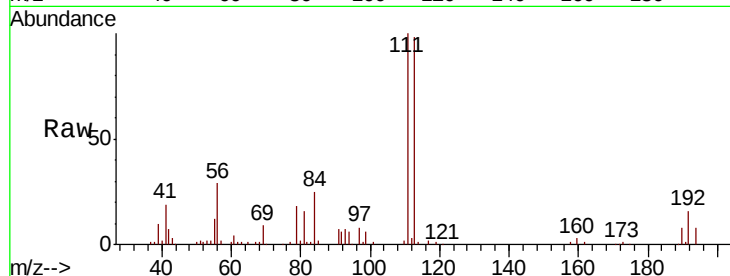
Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tot Ion:113 Resp: 316990

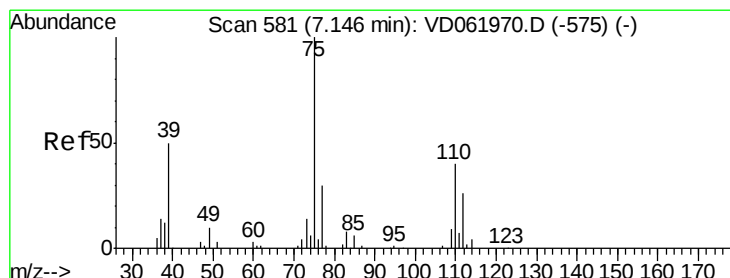
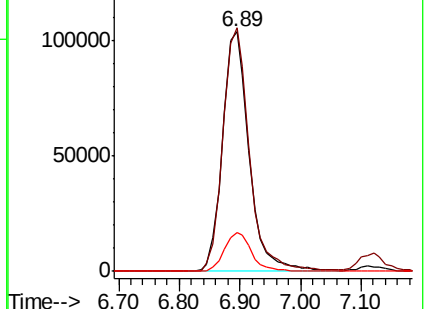
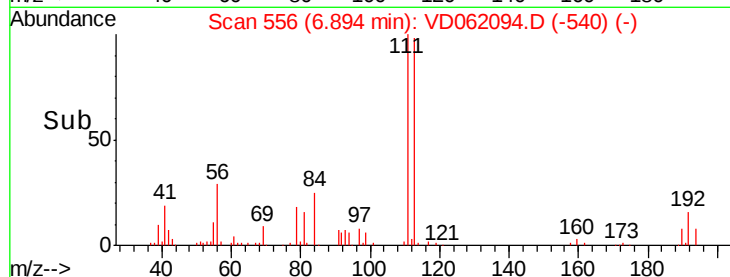
Ion	Ratio	Lower	Upper
113	100		
111	101.6	78.5	117.7
192	16.2	13.0	19.4



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: 50.566 ug/l

RT: 7.11 min Scan# 578

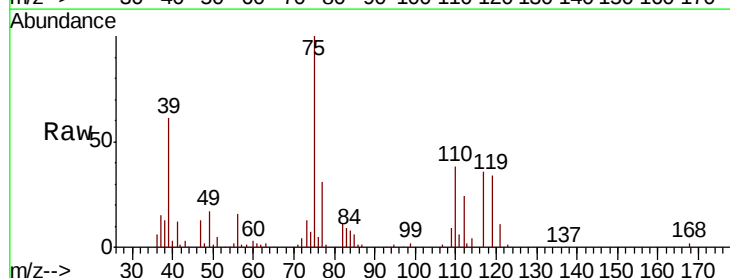
Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tgt Ion: 75 Resp: 327266

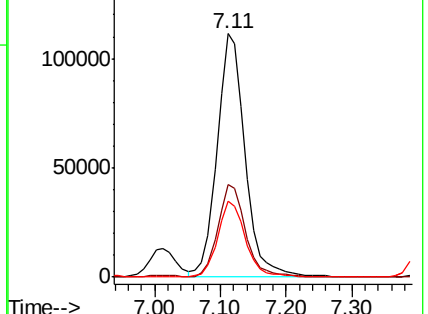
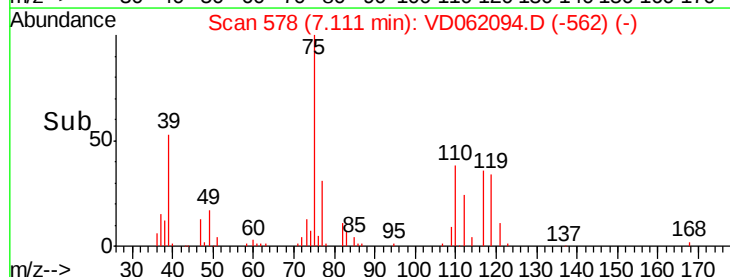
Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.1	57.1
77	30.9	25.6	38.4

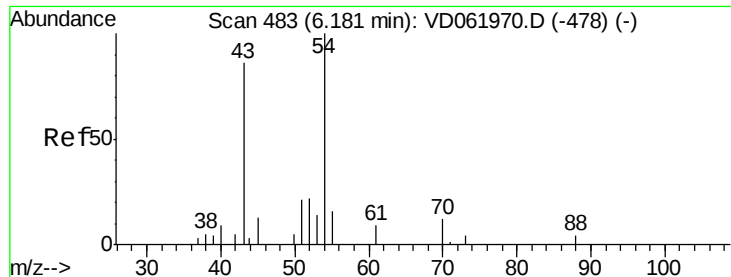


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

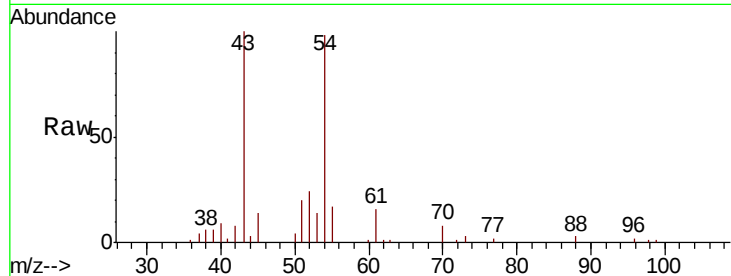
Ion 76.95 (76.65 to 77.65): V



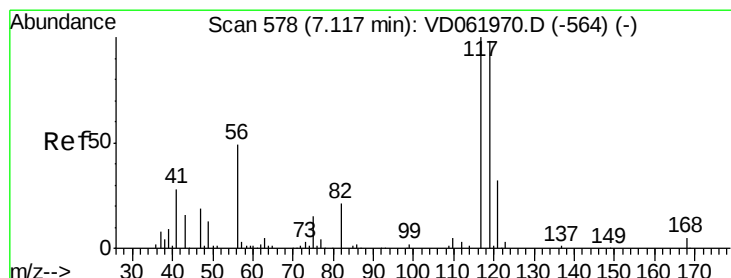
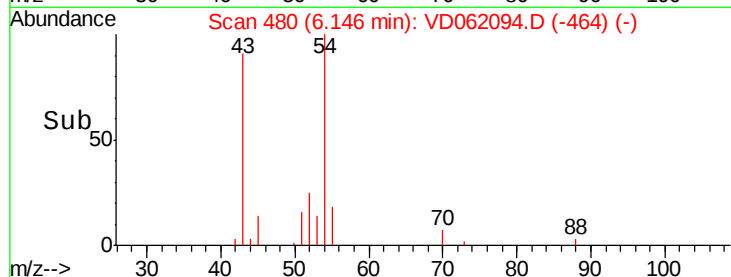
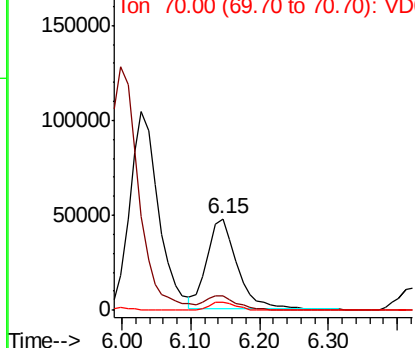


#37
Ethyl Acetate
Concen: 53.087 ug/l
RT: 6.15 min Scan# 480
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion: 43 Resp: 146412
Ion Ratio Lower Upper
43 100
61 16.4 14.7 22.1
70 8.5 7.8 11.6

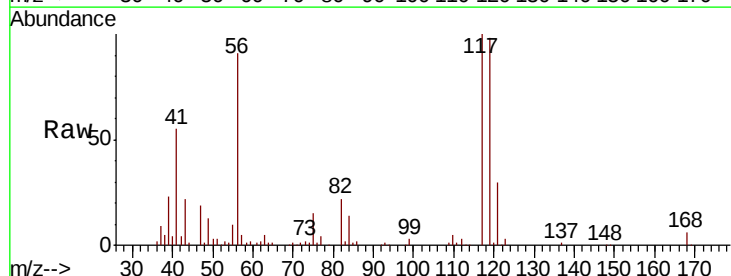


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

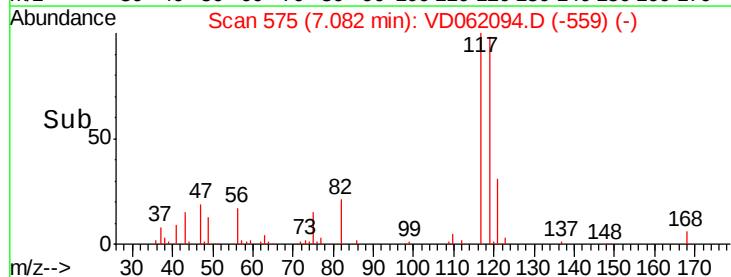
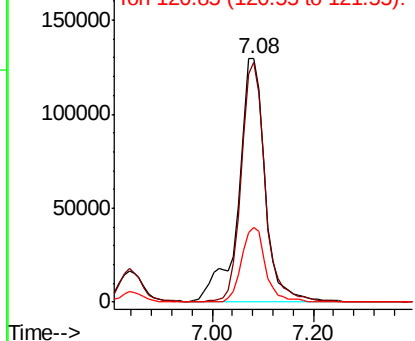


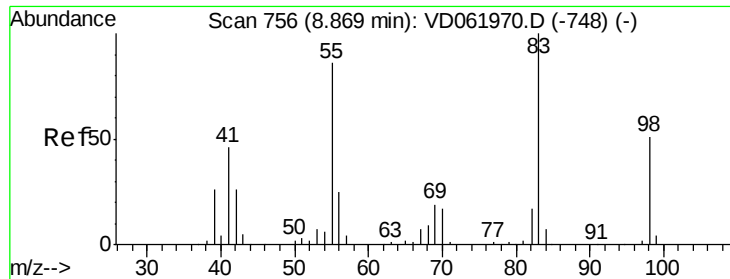
#38
Carbon Tetrachloride
Concen: 57.049 ug/l
RT: 7.08 min Scan# 575
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion: 117 Resp: 467865
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.8
121 30.4 25.9 38.9



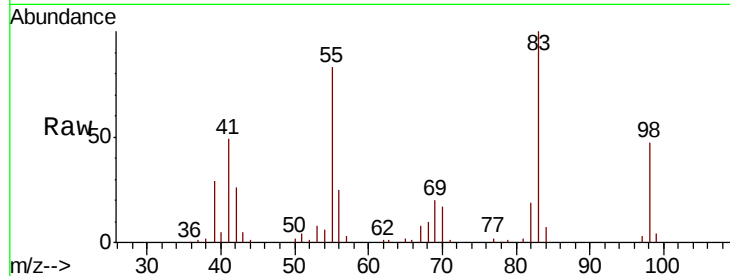
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



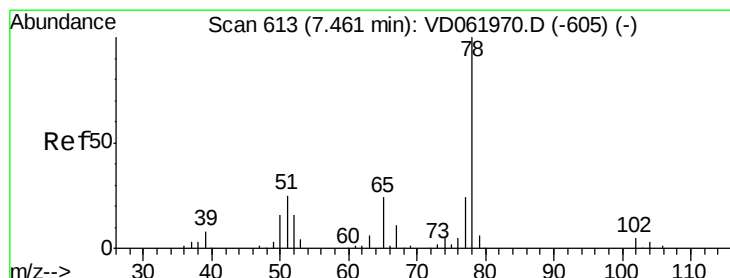
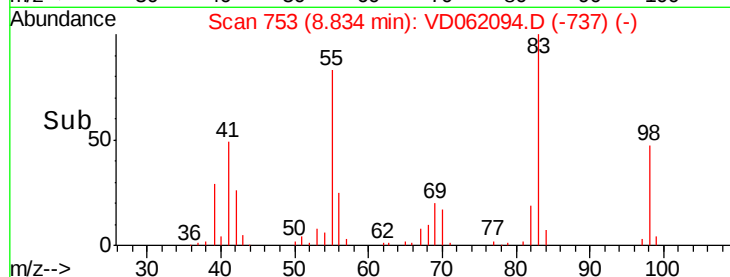
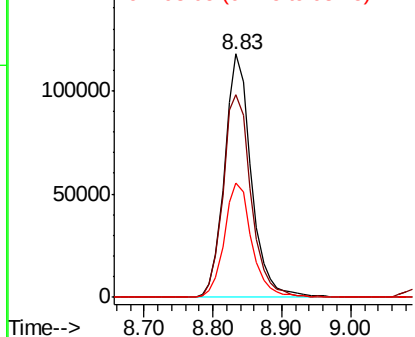


#39
Methvlcvclohexane
Concen: 49.609 ug/l
RT: 8.83 min Scan# 753
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion: 83 Resp: 316776
Ion Ratio Lower Upper
83 100
55 83.4 68.2 102.4
98 47.2 38.2 57.4

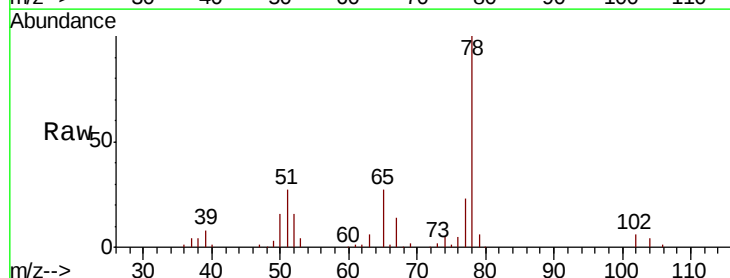


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

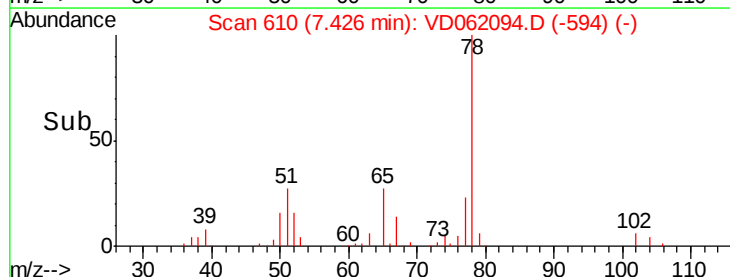
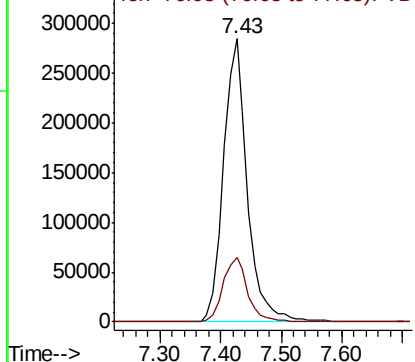


#40
Benzene
Concen: 48.309 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion: 78 Resp: 774039
Ion Ratio Lower Upper
78 100
77 22.7 19.7 29.5



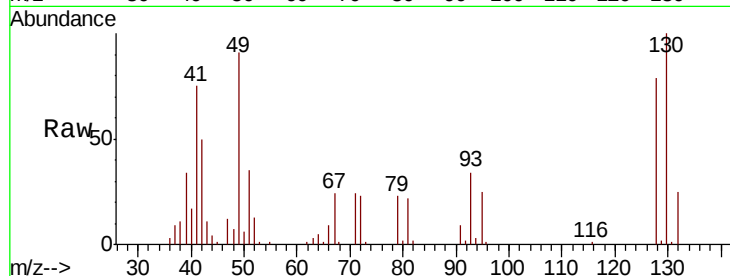
Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC



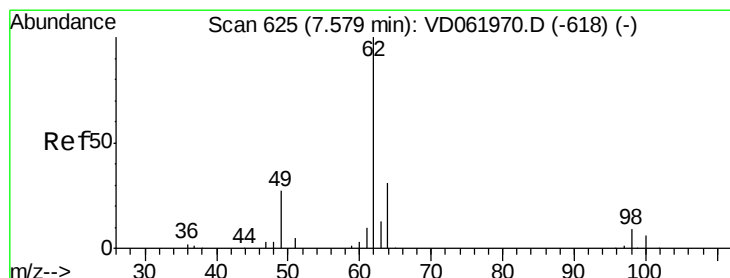
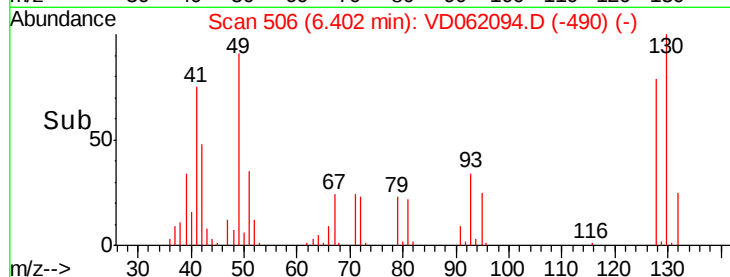
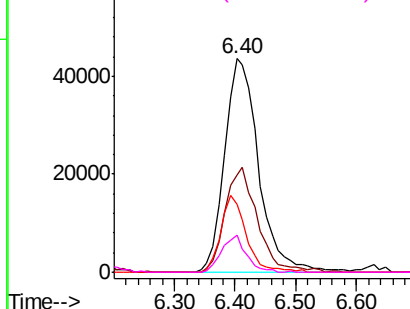


#41
Methacrylonitrile
Concen: 52.624 ug/l
RT: 6.40 min Scan# 506
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion: 41 Resp: 169341
Ion Ratio Lower Upper
41 100
39 45.5 34.1 51.1
67 32.0 23.8 35.6
52 17.2 8.8 13.2#

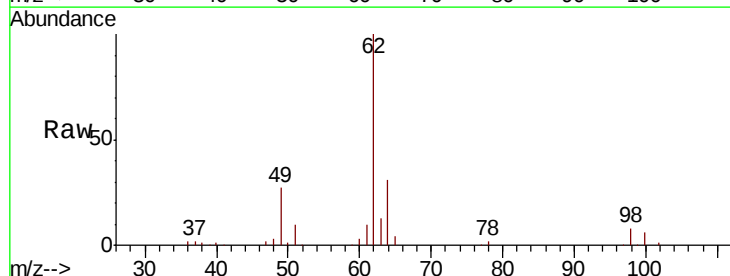


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

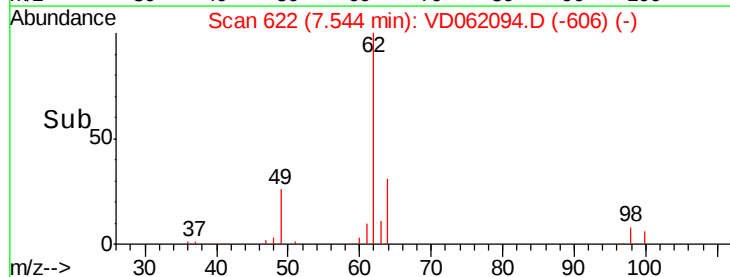
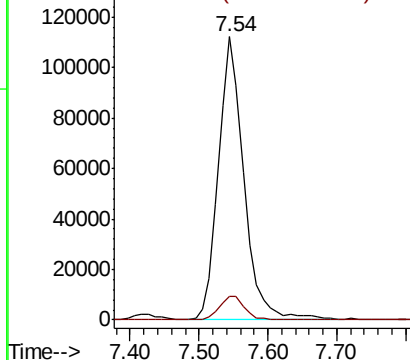


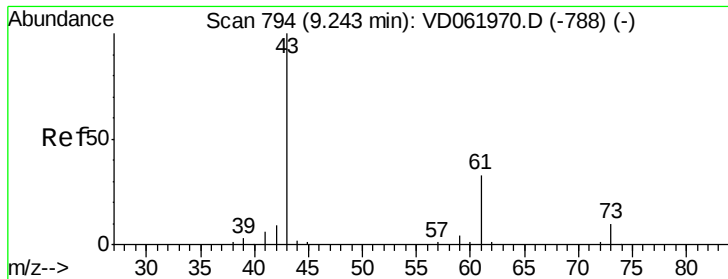
#42
1,2-Dichloroethane
Concen: 52.897 ug/l
RT: 7.54 min Scan# 622
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion: 62 Resp: 287775
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.8



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 97.85 (97.55 to 98.55): VDC

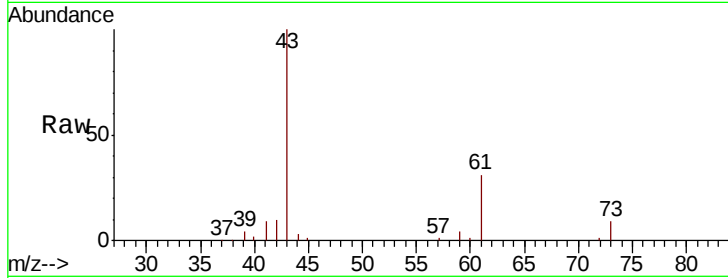




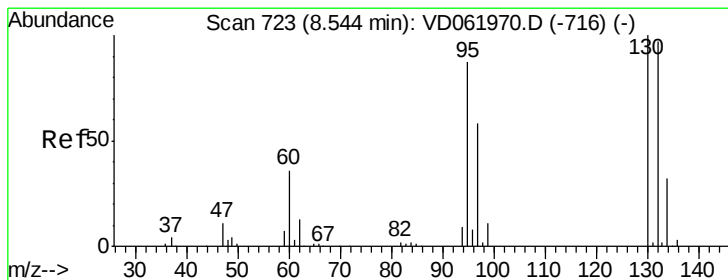
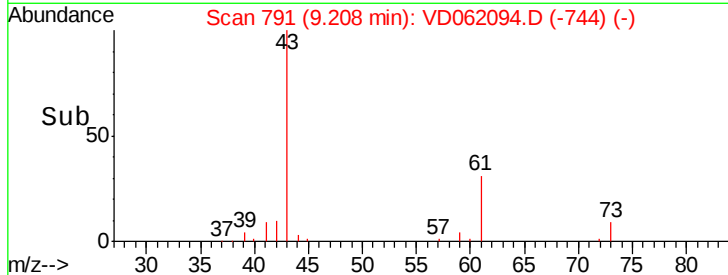
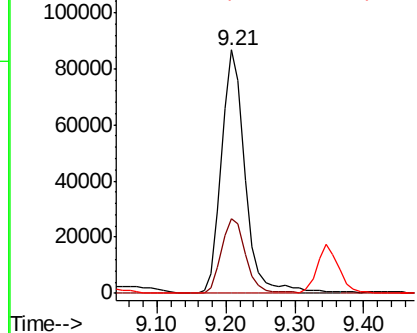
#43

Isopropyl Acetate
 Concen: 51.509 ug/l
 RT: 9.21 min Scan# 791
 Delta R.T. -0.04 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tot Ion: 43 Resp: 207570
 Ion Ratio Lower Upper
 43 100
 61 30.9 25.1 37.7
 87 0.0 0.0 0.0



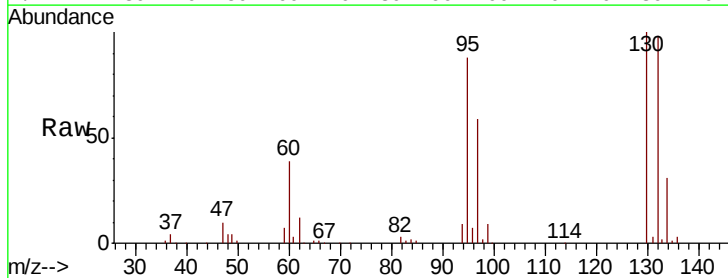
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



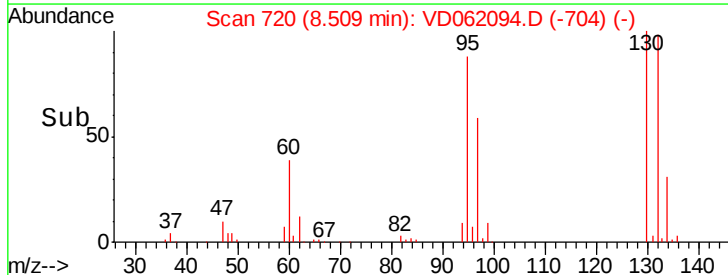
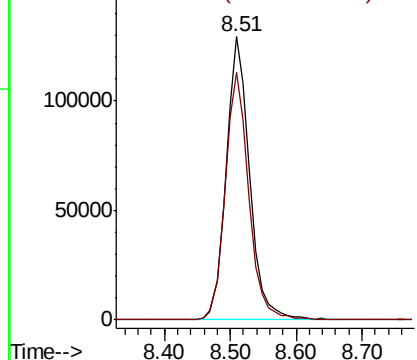
#44

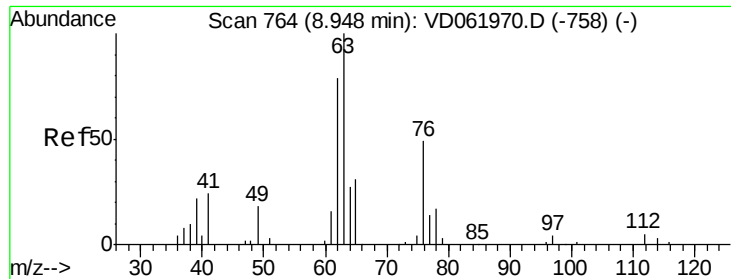
Trichloroethene
 Concen: 51.696 ug/l
 RT: 8.51 min Scan# 720
 Delta R.T. -0.04 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion: 130 Resp: 321121
 Ion Ratio Lower Upper
 130 100
 95 87.5 0.0 174.0



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





#45

1,2-Dichloropropane

Concen: 52.553 ug/l

RT: 8.91 min Scan# 761

Delta R.T. -0.03 min

Lab File: VD062094.D

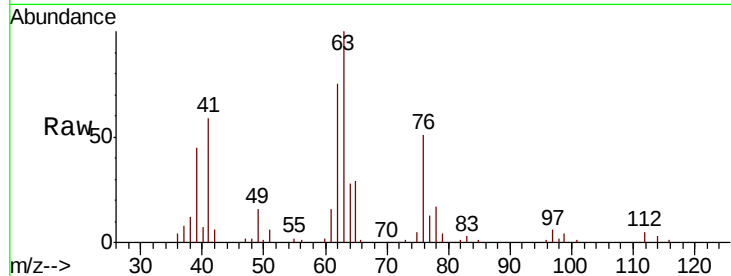
Acq: 30 Apr 2019 19:26

Tot Ion: 63 Resp: 213617

Ion Ratio Lower Upper

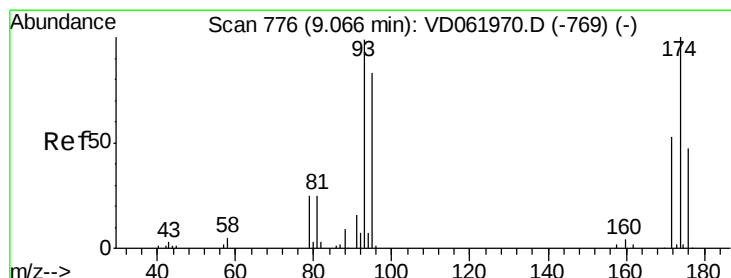
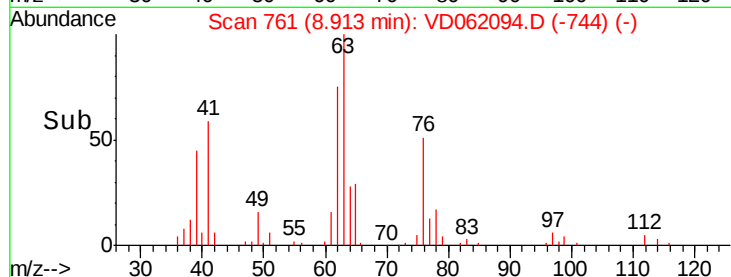
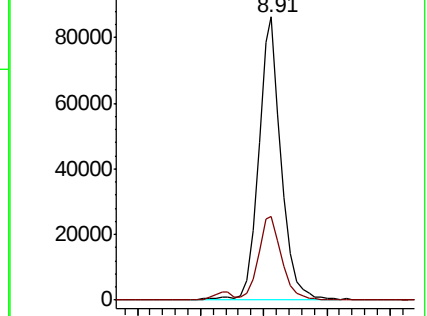
63 100

65 29.4 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 51.309 ug/l

RT: 9.03 min Scan# 773

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

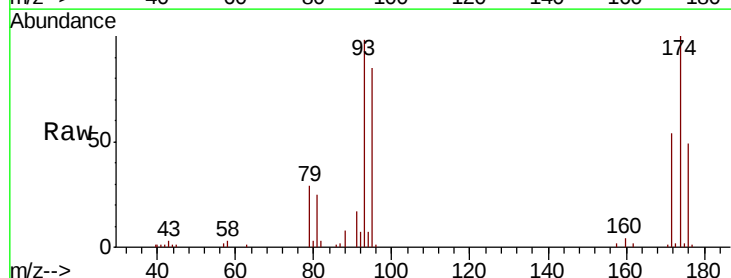
Tgt Ion: 93 Resp: 150070

Ion Ratio Lower Upper

93 100

95 86.4 64.8 97.2

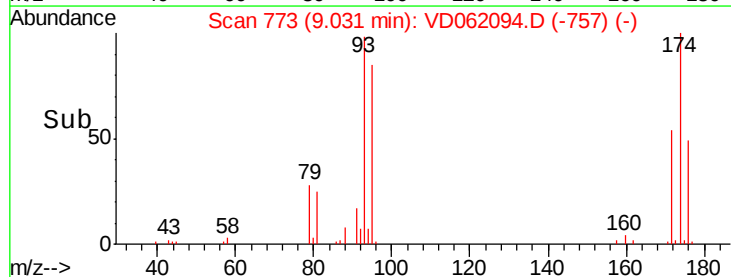
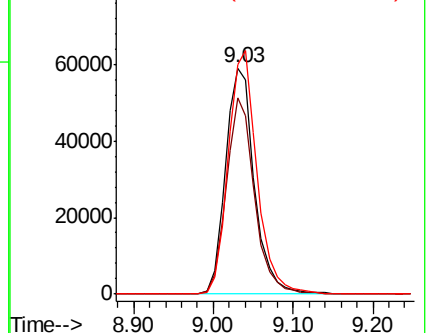
174 101.7 79.3 118.9



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 52.750 ug/l

RT: 9.35 min Scan# 805

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

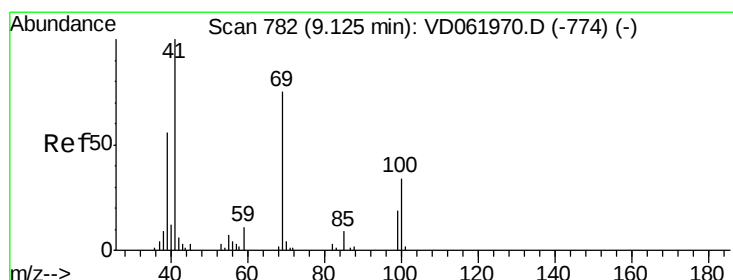
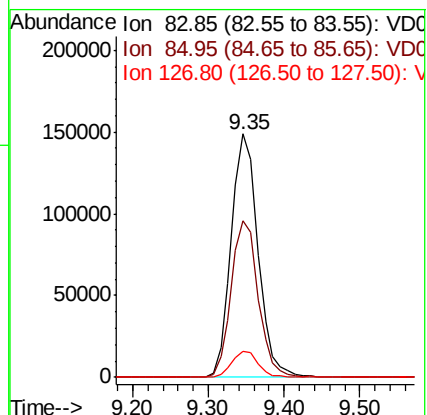
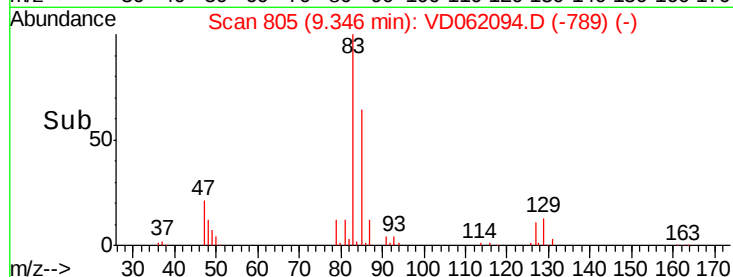
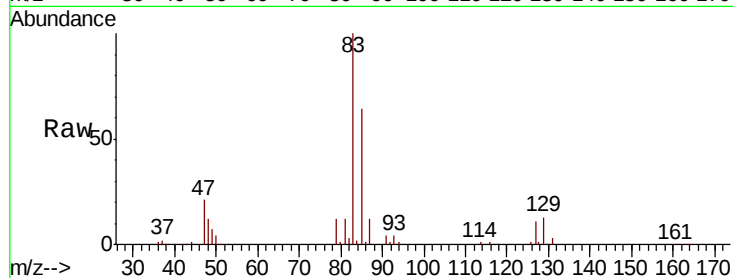
Tot Ion: 83 Resp: 364553

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

127 10.8 8.1 12.1



#48

Methyl methacrylate

Concen: 54.600 ug/l

RT: 9.09 min Scan# 779

Delta R.T. -0.04 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

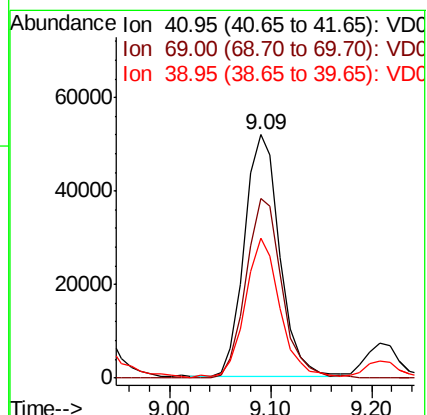
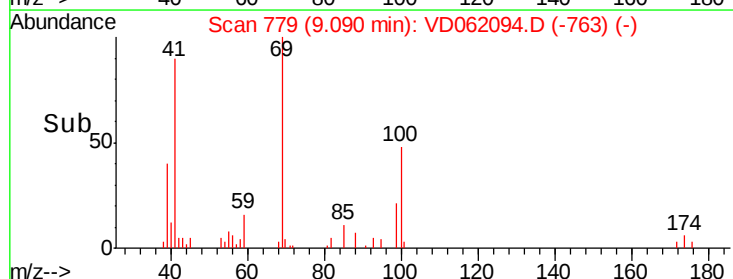
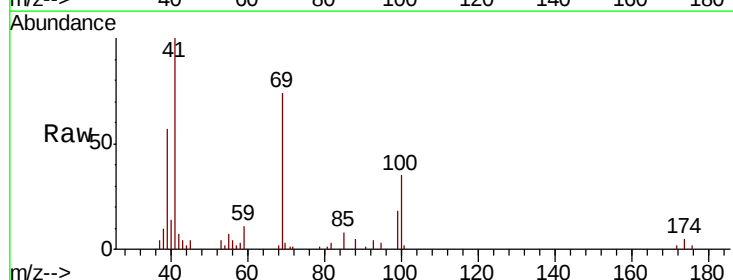
Tgt Ion: 41 Resp: 125537

Ion Ratio Lower Upper

41 100

69 73.9 64.2 96.2

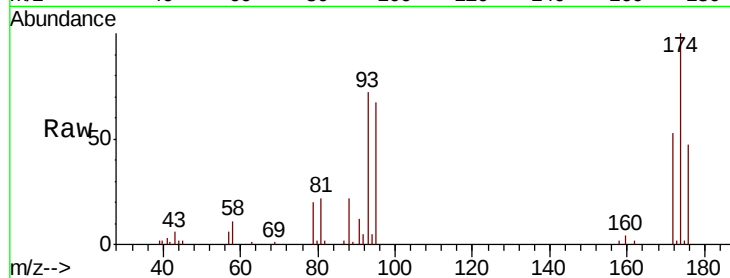
39 57.3 46.8 70.2



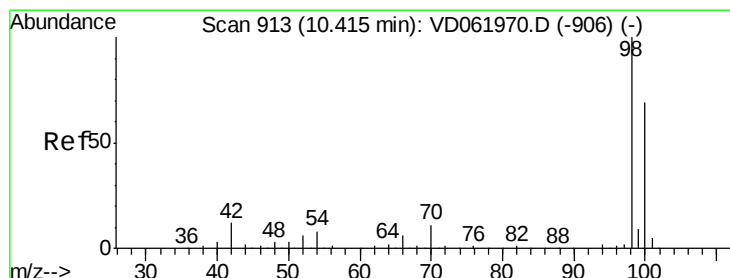
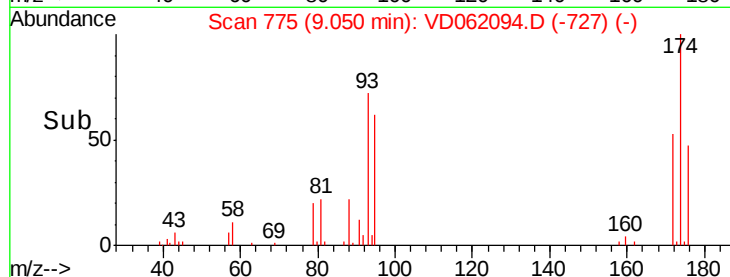
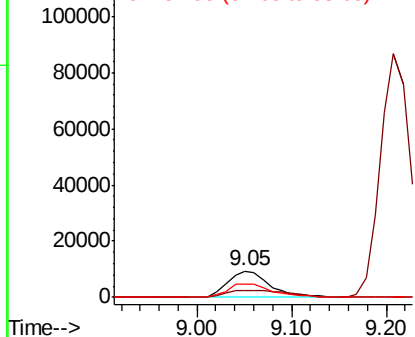


#49
1,4-Dioxane
Concen: 1148.726 ug/l
RT: 9.05 min Scan# 775
Delta R.T. -0.03 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion: 88 Resp: 28475
Ion Ratio Lower Upper
88 100
43 27.1 23.4 35.0
58 50.2 44.0 66.0

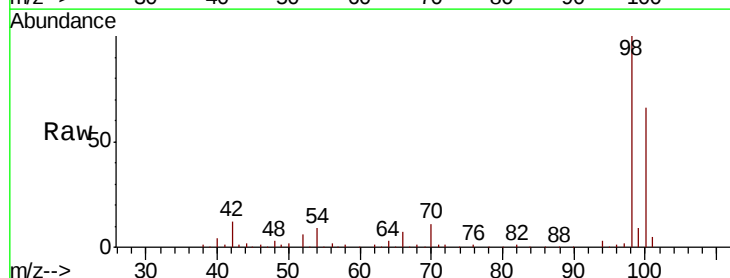


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

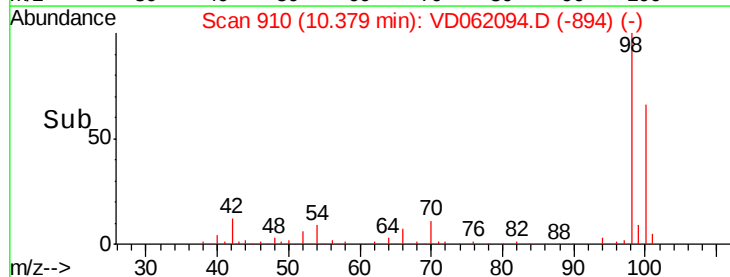
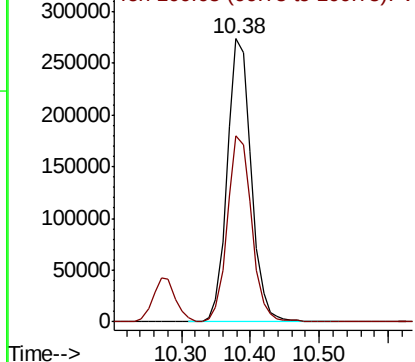


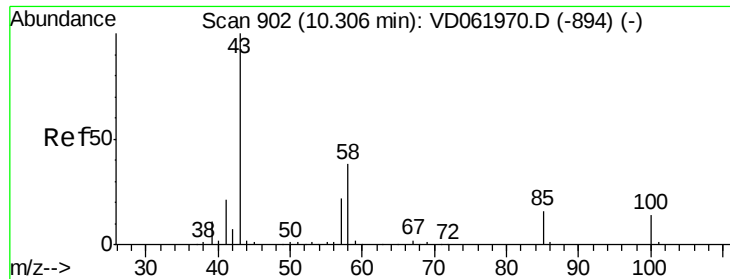
#50
Toluene-d8
Concen: 48.192 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.04 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion: 98 Resp: 658801
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.8



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: 294.231 ug/l

RT: 10.27 min Scan# 899

Delta R.T. -0.03 min

Lab File: VD062094.D

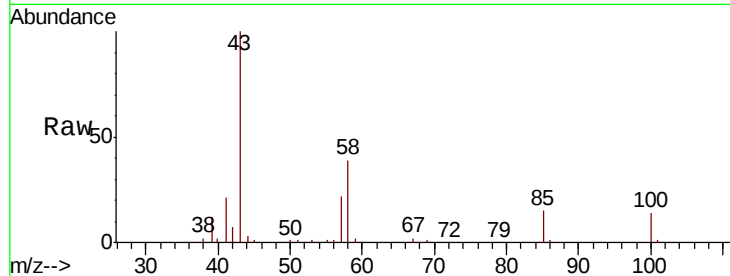
Acq: 30 Apr 2019 19:26

Tot Ion: 43 Resp: 725117

Ion Ratio Lower Upper

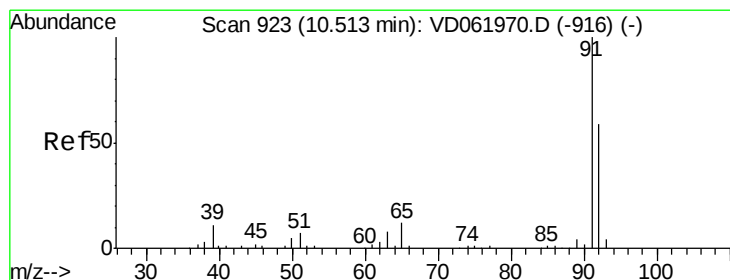
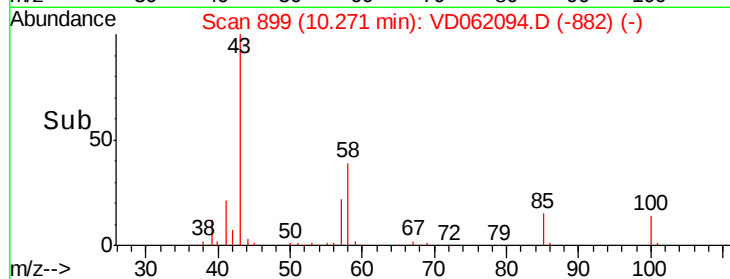
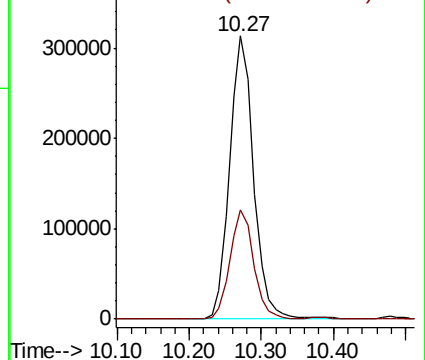
43 100

58 38.8 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 49.810 ug/l

RT: 10.48 min Scan# 920

Delta R.T. -0.04 min

Lab File: VD062094.D

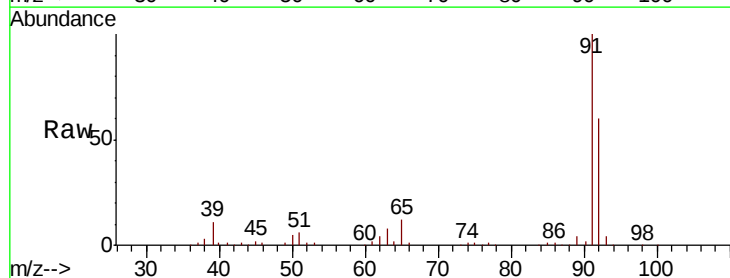
Acq: 30 Apr 2019 19:26

Tgt Ion: 92 Resp: 508877

Ion Ratio Lower Upper

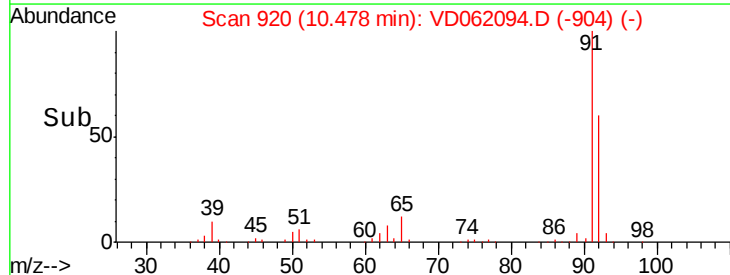
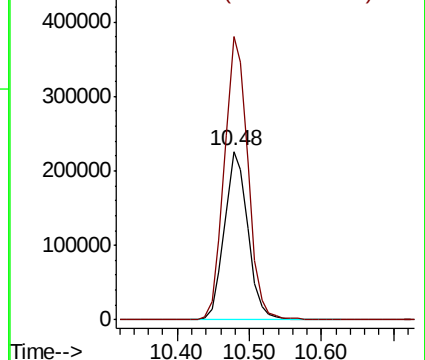
92 100

91 167.8 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

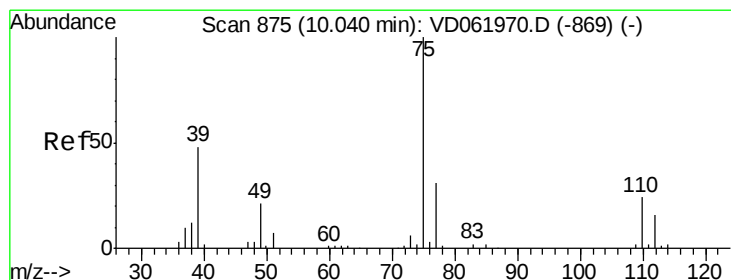
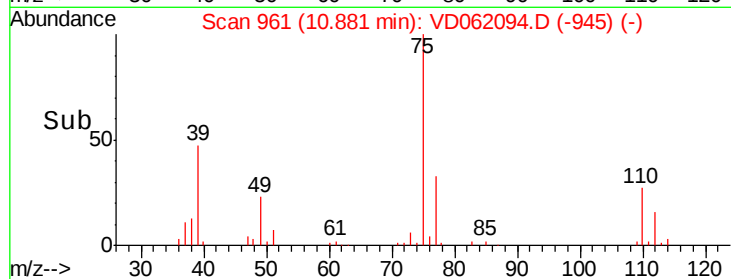
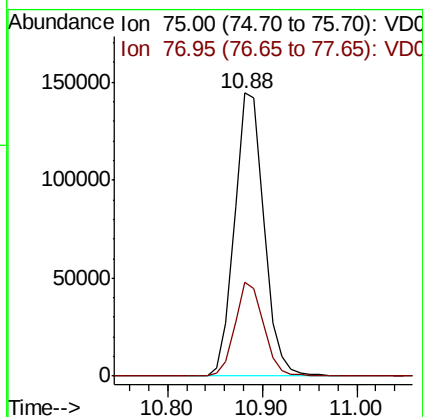
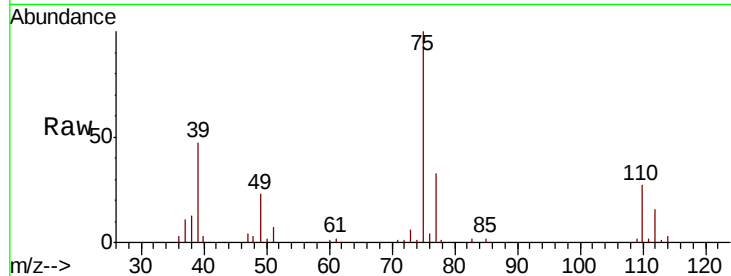
Ion 91.00 (90.70 to 91.70): VDC





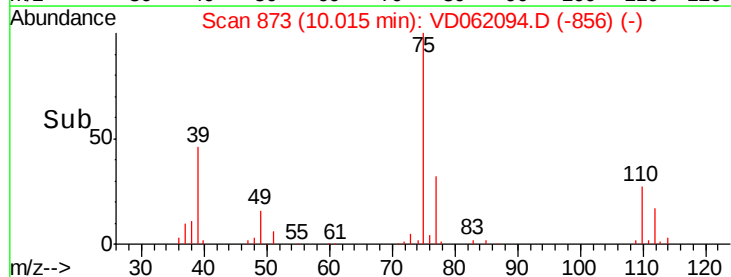
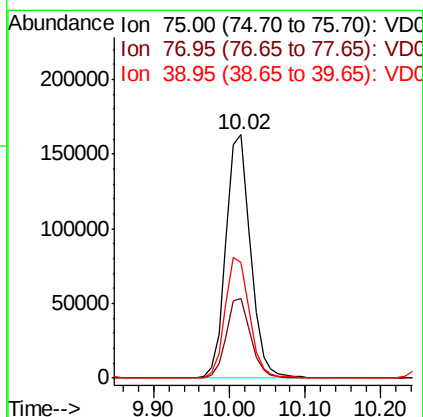
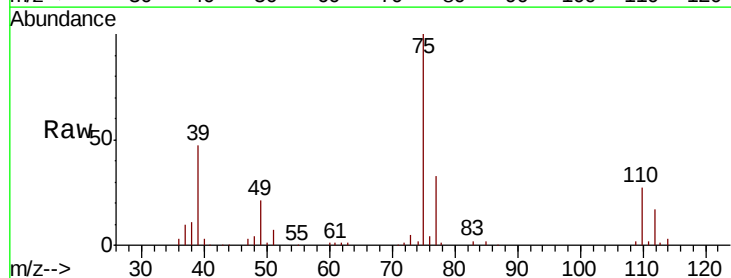
#53
 t-1,3-Dichloropropene
 Concen: 53.701 ug/l
 RT: 10.88 min Scan# 961
 Delta R.T. -0.04 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

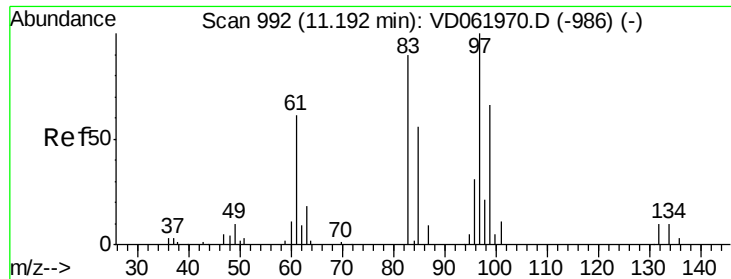
Tot Ion: 75 Resp: 311512
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.878 ug/l
 RT: 10.02 min Scan# 873
 Delta R.T. -0.03 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

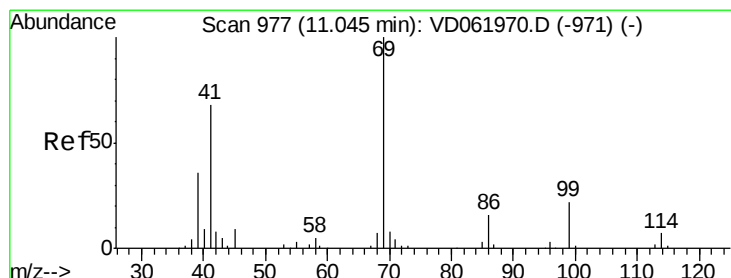
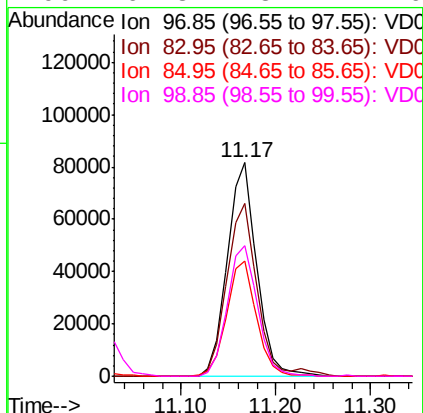
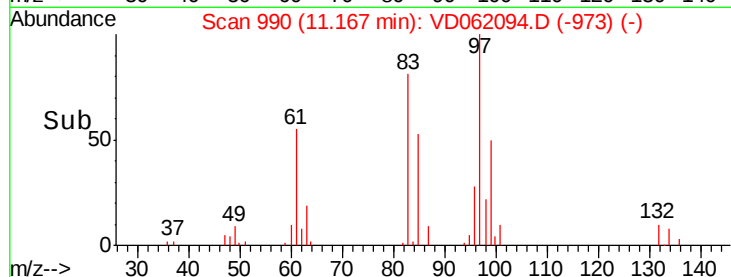
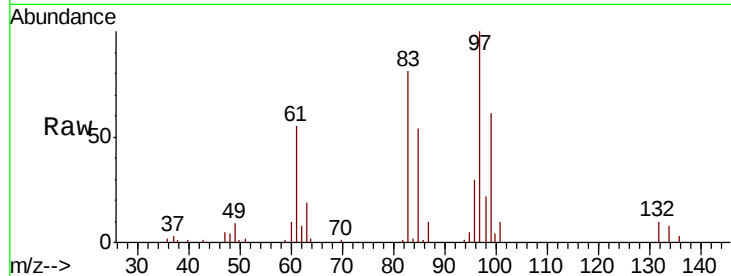
Tgt Ion: 75 Resp: 366020
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.5 38.3
 39 47.4 39.4 59.2





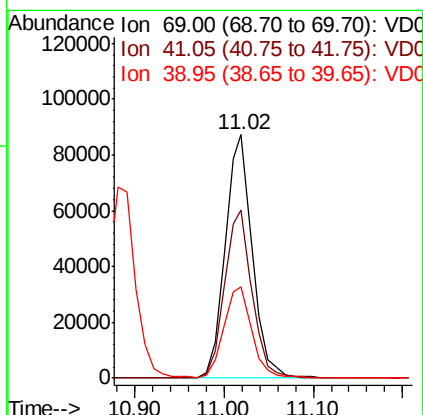
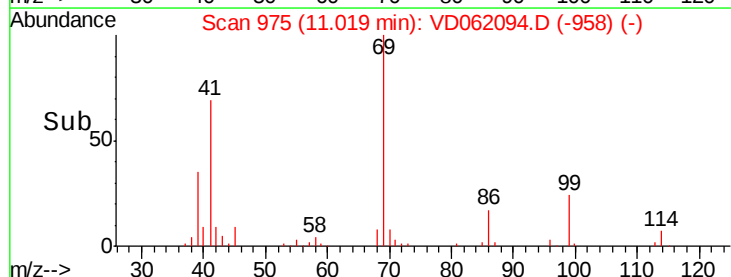
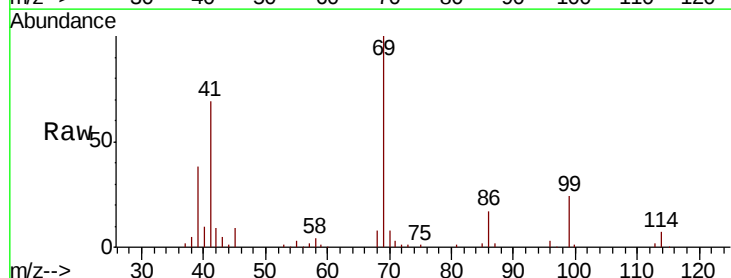
#55
 1,1,2-Trichloroethane
 Concen: 51.159 ug/l
 RT: 11.17 min Scan# 990
 Delta R.T. -0.03 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

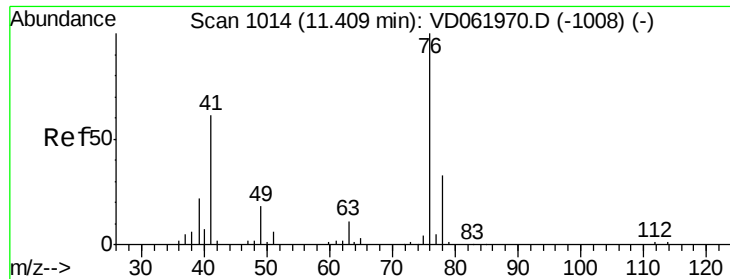
Tot Ion:	97	Resp:	175467
Ion	Ratio	Lower	Upper
97	100		
83	80.7	65.7	98.5
85	54.0	45.6	68.4
99	61.3	48.4	72.6



#56
 Ethyl methacrylate
 Concen: 49.105 ug/l
 RT: 11.02 min Scan# 975
 Delta R.T. -0.03 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

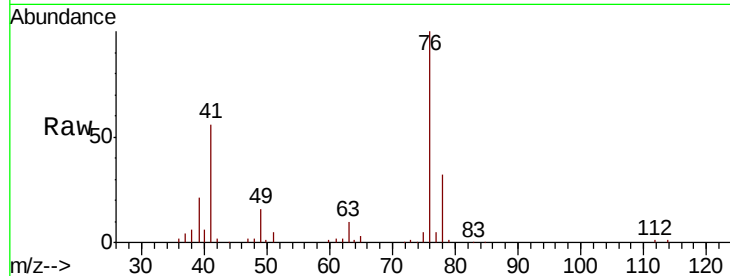
Tgt Ion:	69	Resp:	186532
Ion	Ratio	Lower	Upper
69	100		
41	69.2	56.3	84.5
39	37.8	29.4	44.2



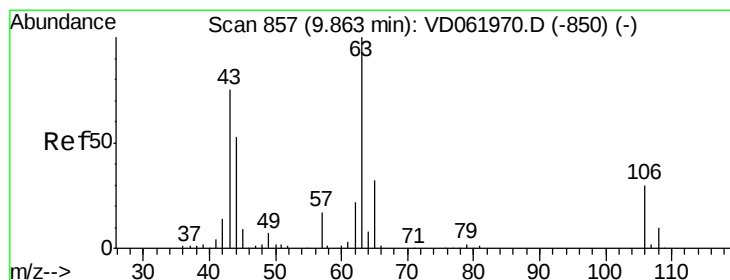
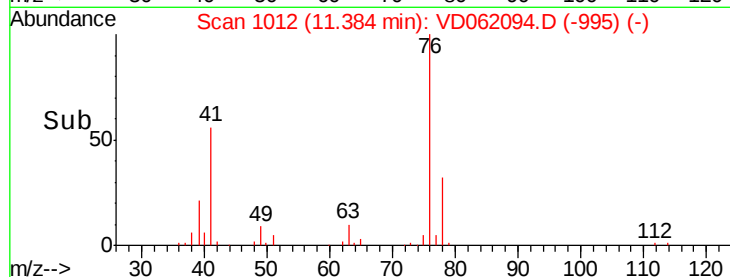
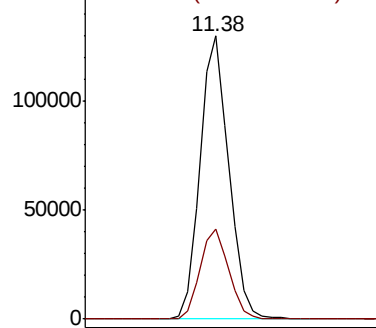


#57
 1,3-Dichloropropane
 Concen: 51.521 ug/l
 RT: 11.38 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tot Ion: 76 Resp: 272920
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2

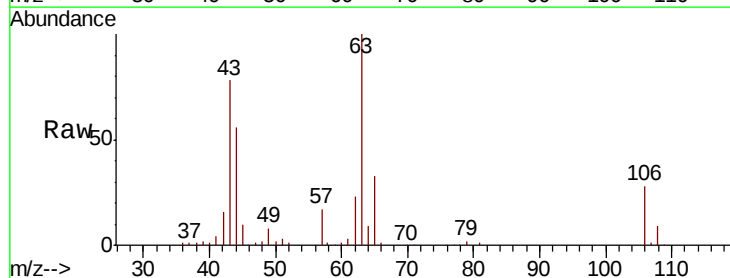


Abundance Ion 75.95 (75.65 to 76.65): VDC
 Ion 77.95 (77.65 to 78.65): VDC

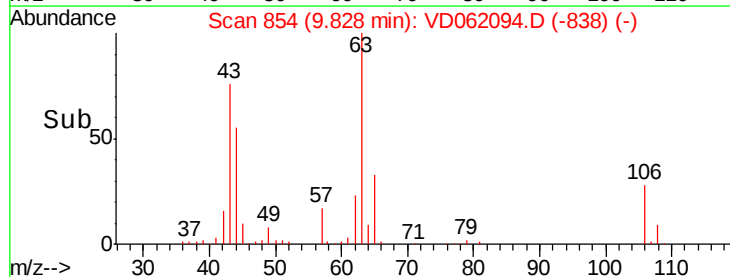
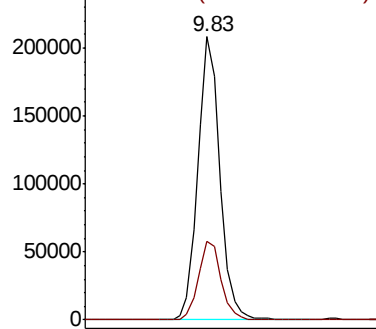


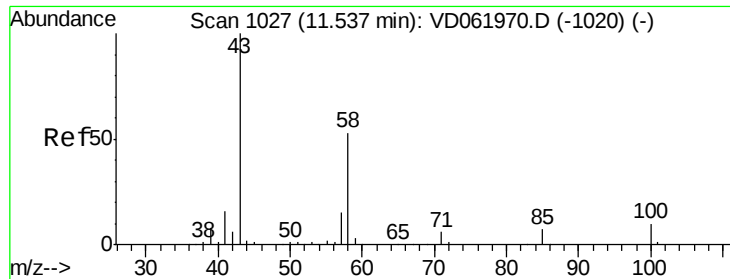
#58
 2-Chloroethyl Vinyl ether
 Concen: 260.351 ug/l
 RT: 9.83 min Scan# 854
 Delta R.T. -0.04 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion: 63 Resp: 459807
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.6 34.0



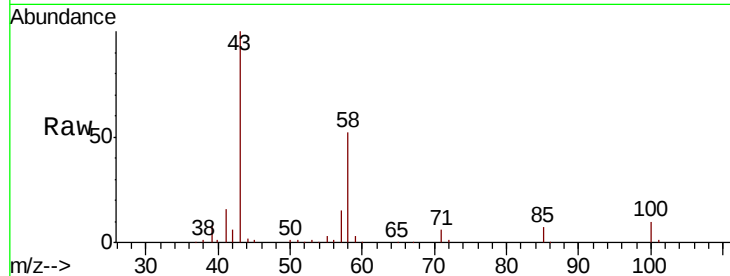
Abundance Ion 62.95 (62.65 to 63.65): VDC
 Ion 105.95 (105.65 to 106.65): V



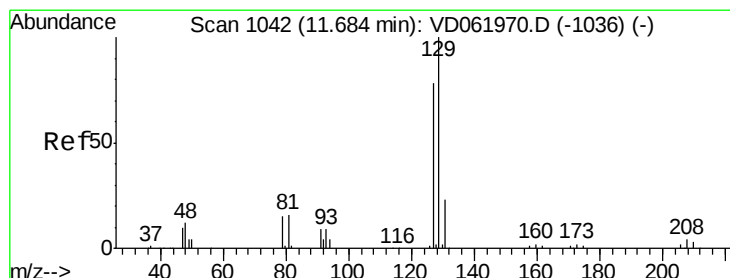
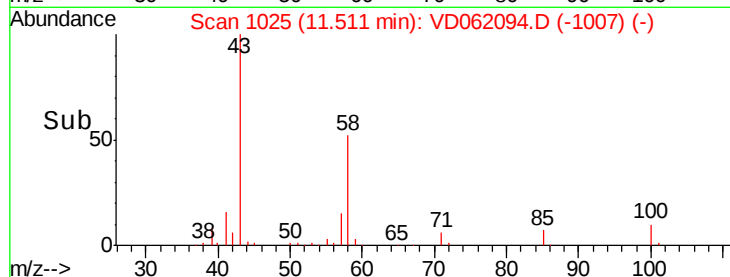
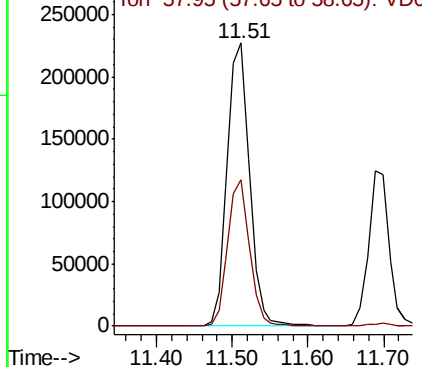


#59
2-Hexanone
Concen: 251.742 ug/l
RT: 11.51 min Scan# 1025
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion: 43 Resp: 465393
Ion Ratio Lower Upper
43 100
58 51.8 25.4 76.4

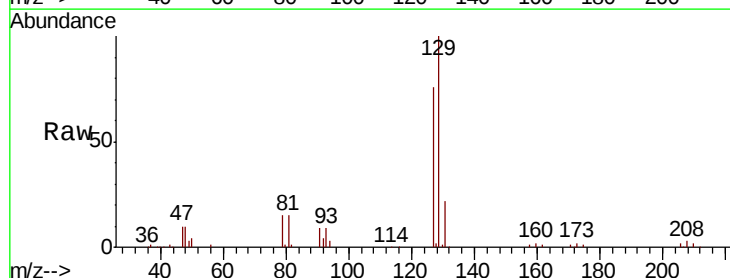


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

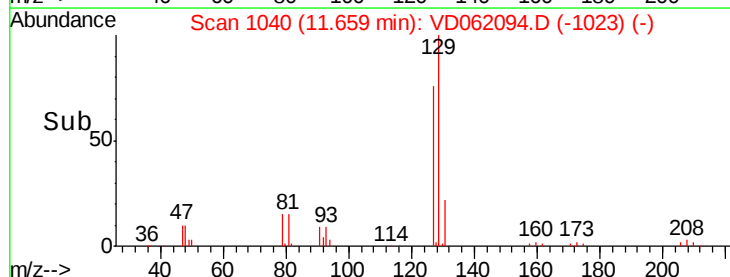
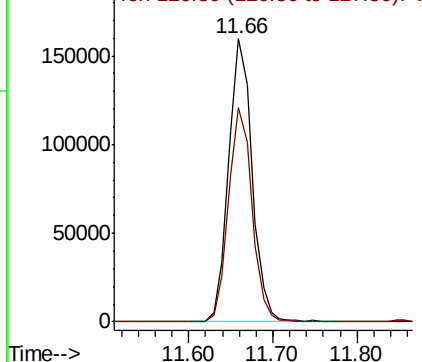


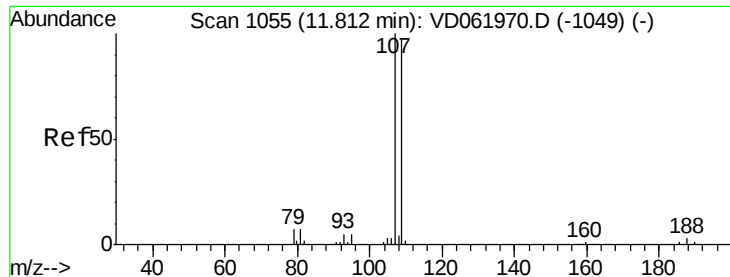
#60
Dibromochloromethane
Concen: 54.641 ug/l
RT: 11.66 min Scan# 1040
Delta R.T. -0.03 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion: 129 Resp: 310091
Ion Ratio Lower Upper
129 100
127 75.7 38.0 113.9



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





#61

1,2-Dibromoethane

Concen: 54.774 ug/l

RT: 11.78 min Scan# 1052

Delta R.T. -0.03 min

Lab File: VD062094.D

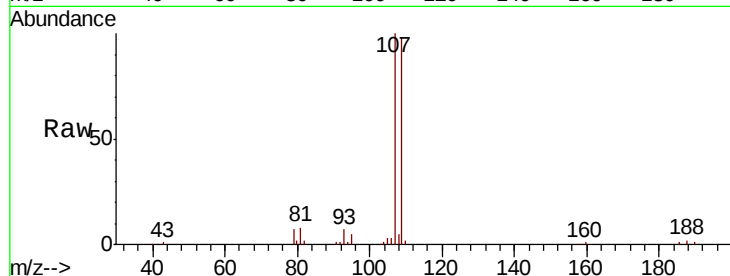
Acq: 30 Apr 2019 19:26

Tot Ion: 107 Resp: 222853

Ion Ratio Lower Upper

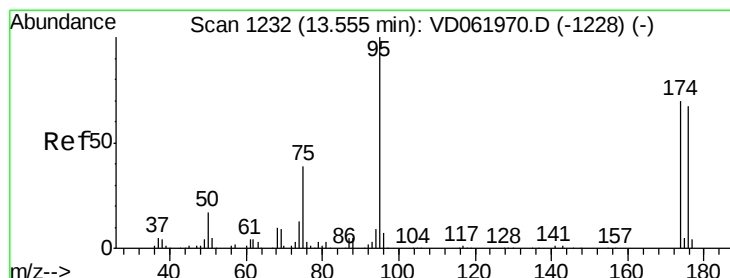
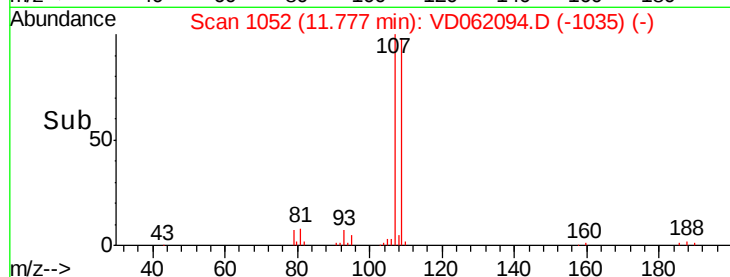
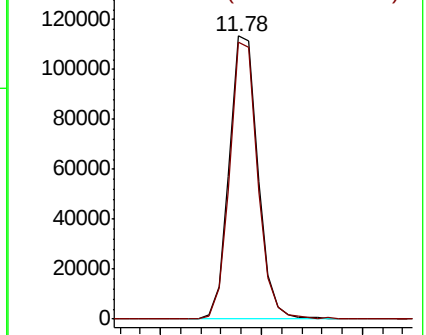
107 100

109 97.8 78.3 117.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 56.408 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

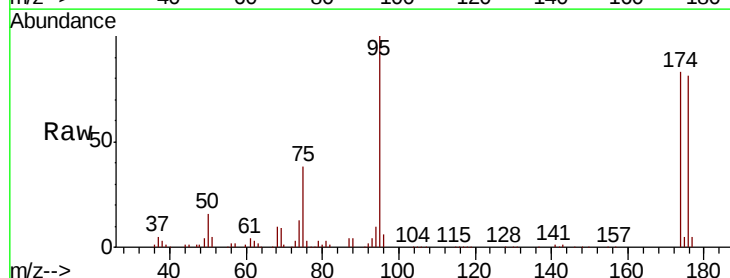
Tgt Ion: 95 Resp: 309293

Ion Ratio Lower Upper

95 100

174 82.7 0.0 181.8

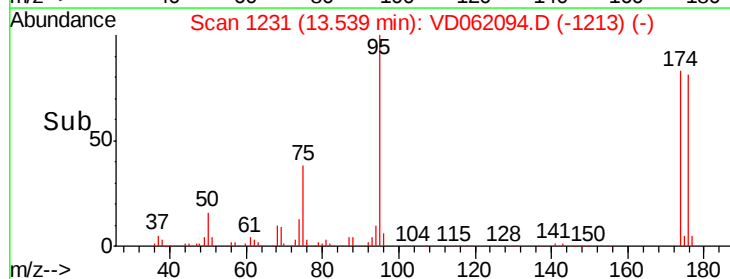
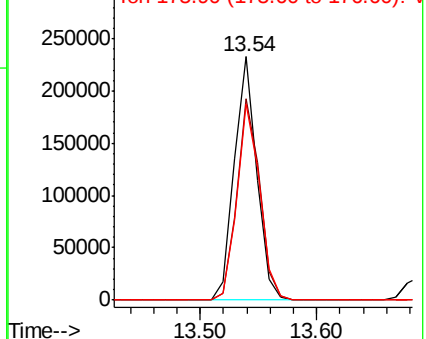
176 80.5 0.0 174.4

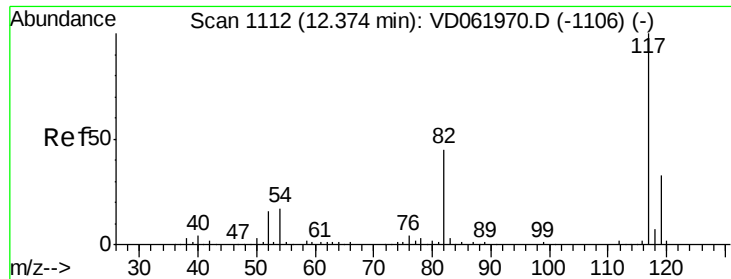


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

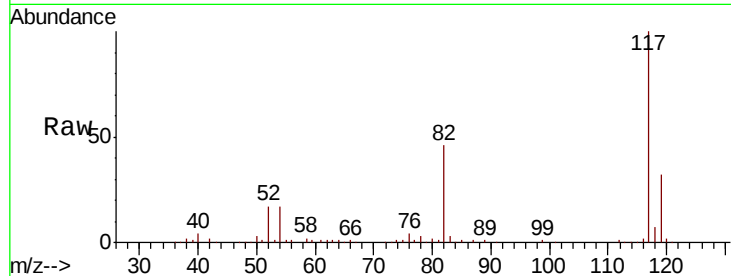
Ion 175.90 (175.60 to 176.60): V



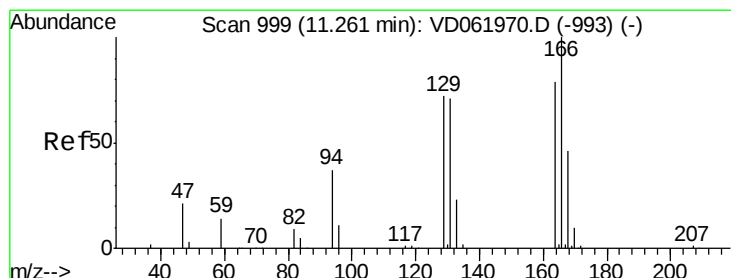
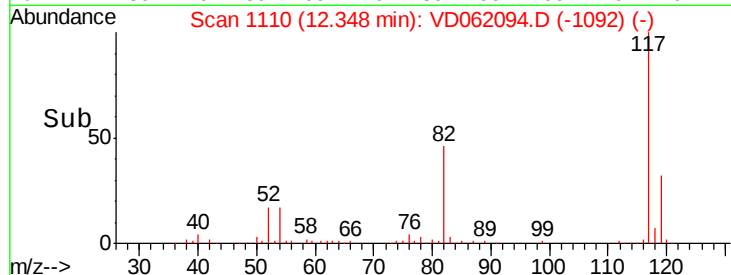
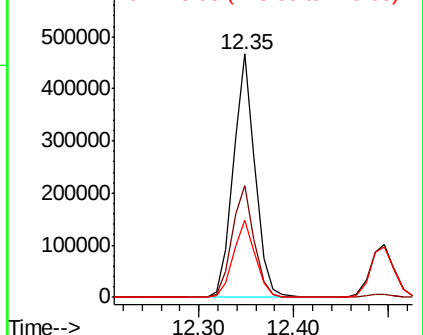


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion:117 Resp: 738443
Ion Ratio Lower Upper
117 100
82 45.8 36.2 54.2
119 31.8 26.2 39.4

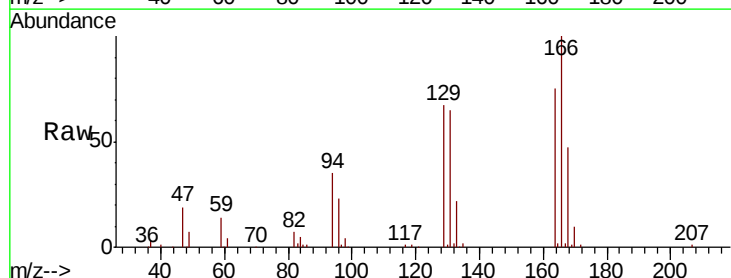


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

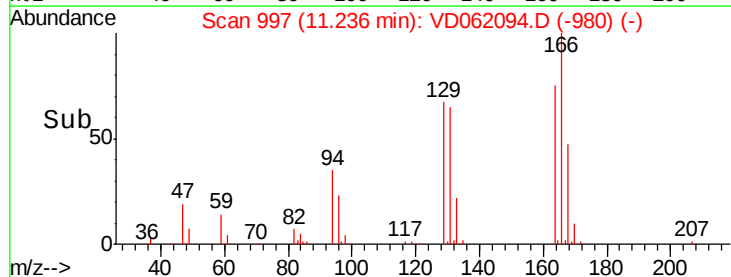
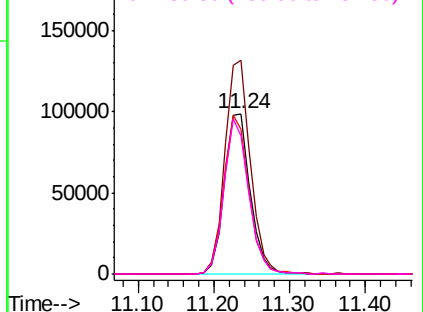


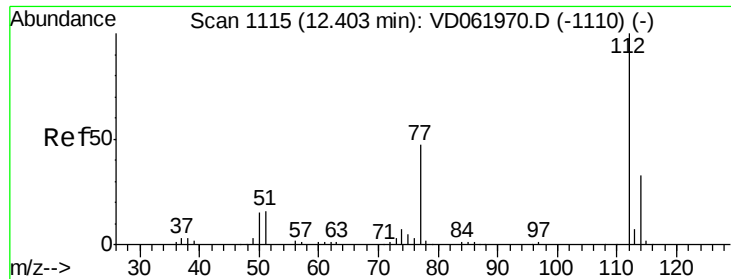
#64
Tetrachloroethene
Concen: 44.069 ug/l
RT: 11.24 min Scan# 997
Delta R.T. -0.03 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion:164 Resp: 232143
Ion Ratio Lower Upper
164 100
166 132.9 101.5 152.3
129 89.7 74.6 112.0
131 86.1 72.6 108.8



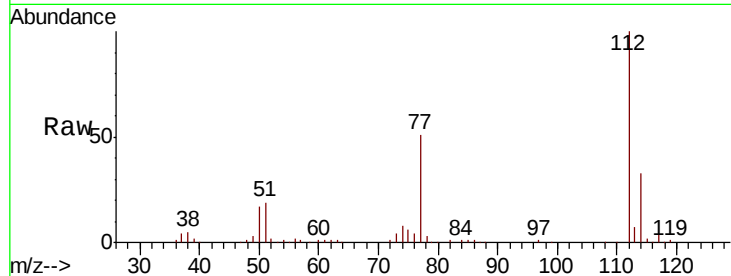
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



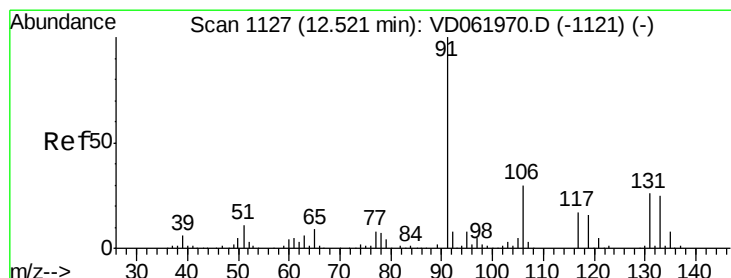
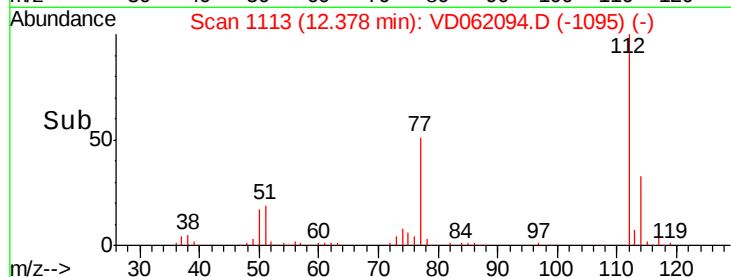
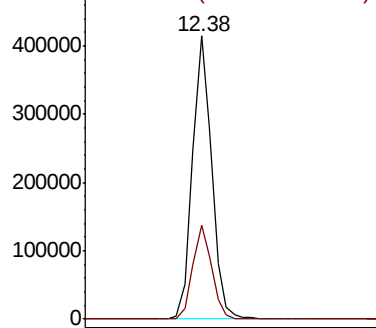


#65
Chlorobenzene
Concen: 46.983 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion:112 Resp: 655604
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8

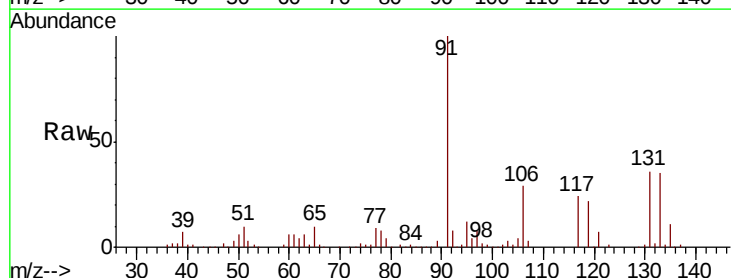


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

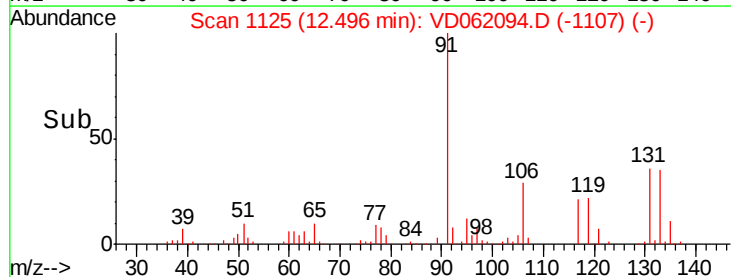
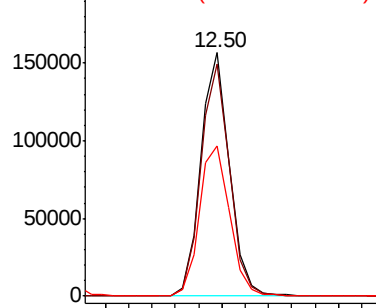


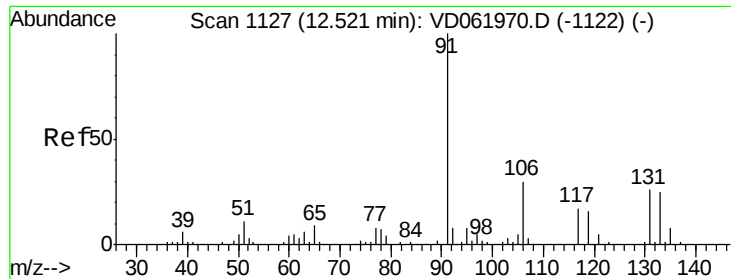
#66
1,1,1,2-Tetrachloroethane
Concen: 44.929 ug/l
RT: 12.50 min Scan# 1125
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion:131 Resp: 265934
Ion Ratio Lower Upper
131 100
133 95.1 48.6 145.8
119 61.6 34.7 104.1



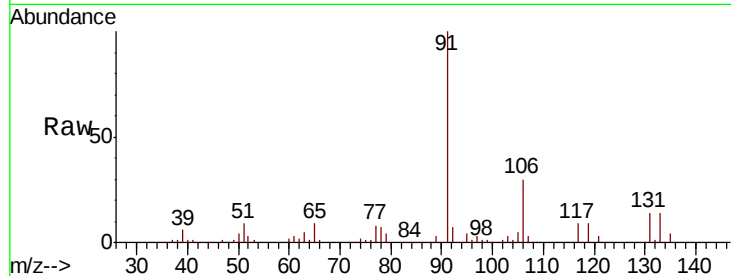
Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V



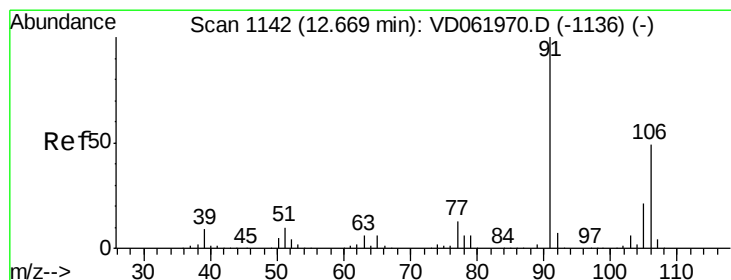
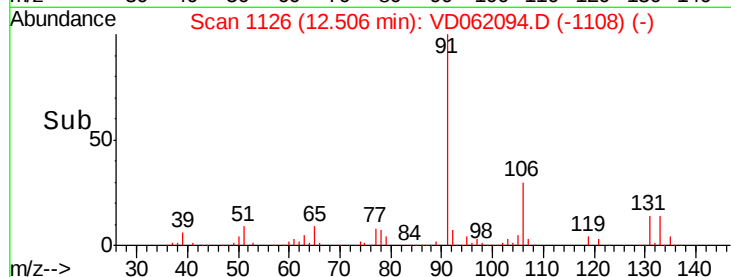
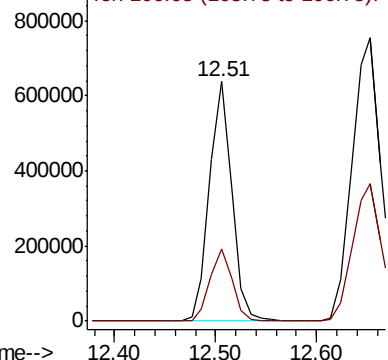


#67
Ethyl Benzene
Concen: 43.199 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion: 91 Resp: 983879
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

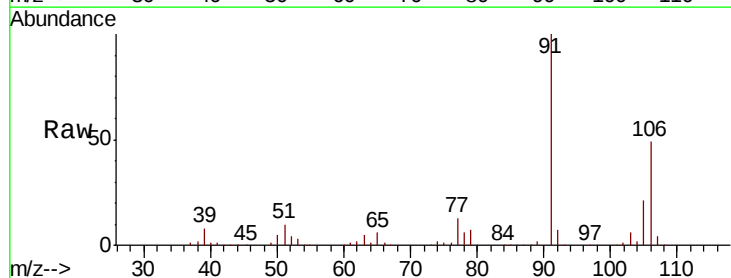


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

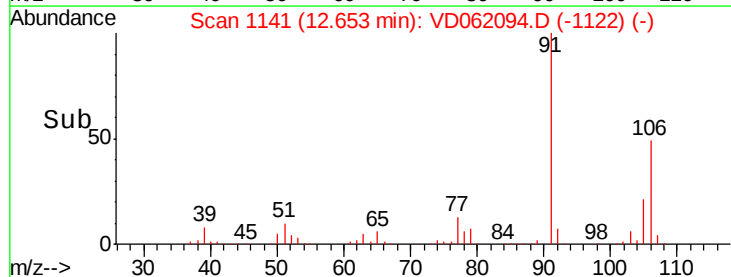
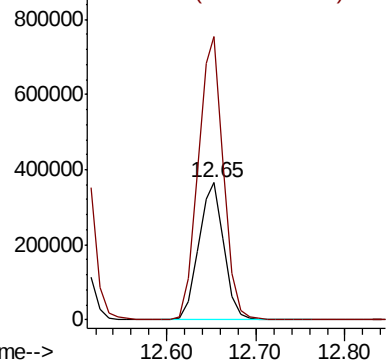


#68
m/p-Xylenes
Concen: 87.828 ug/l
RT: 12.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion: 106 Resp: 722968
Ion Ratio Lower Upper
106 100
91 206.1 164.0 246.0



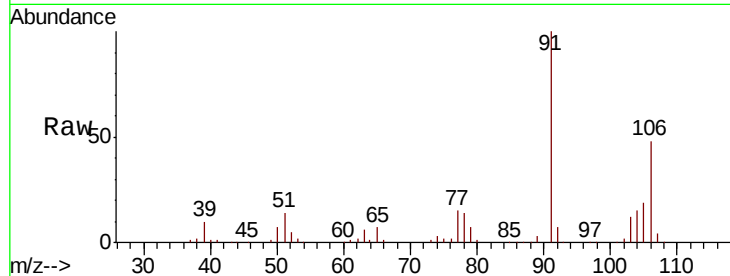
Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC



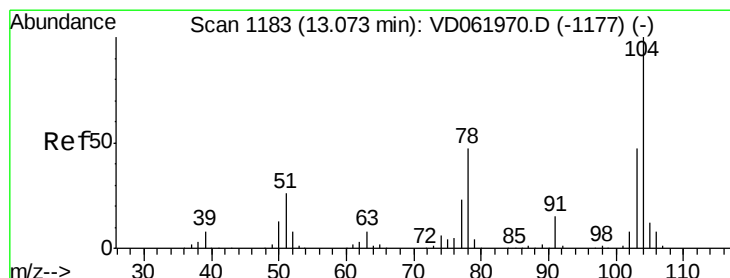
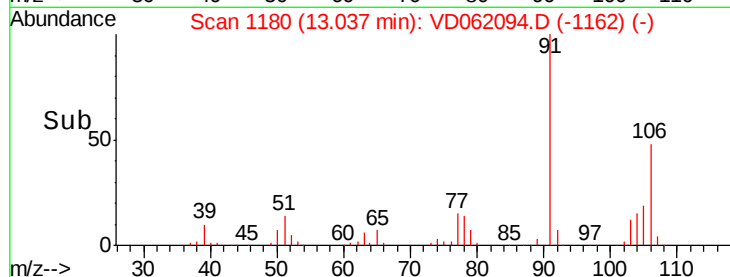
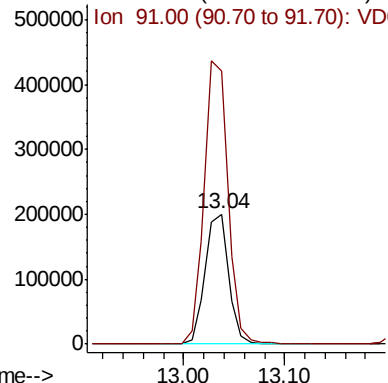


#69
o-Xylene
Concen: 43.102 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion:106 Resp: 324635
Ion Ratio Lower Upper
106 100
91 209.6 106.7 319.9

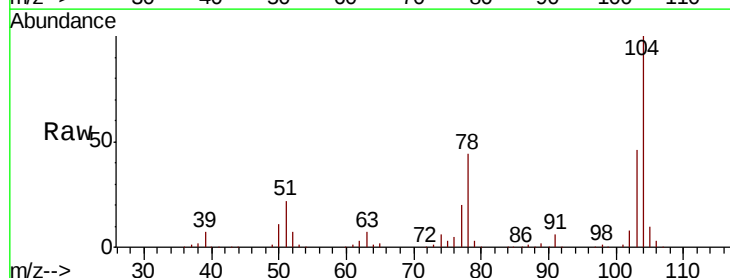


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

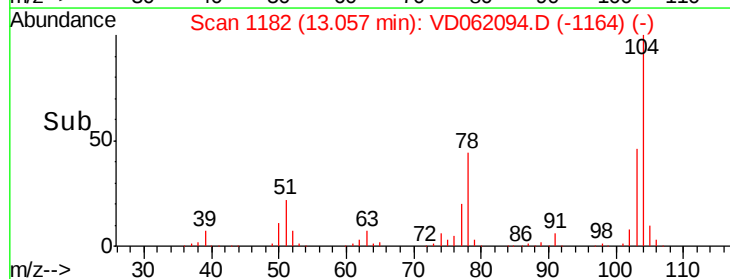
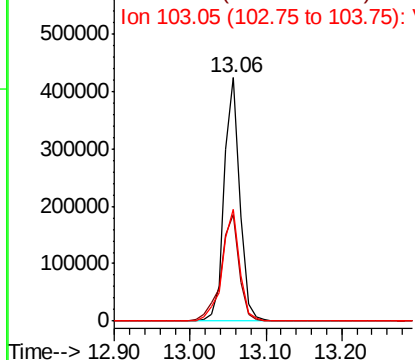


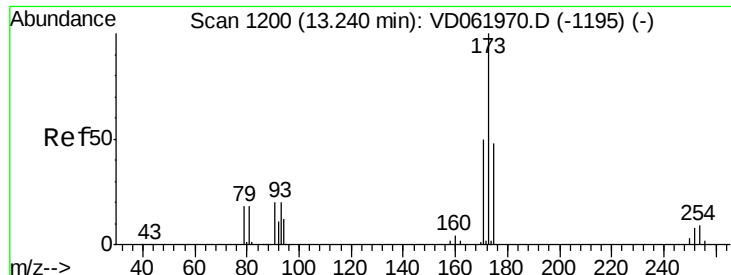
#70
Styrene
Concen: 46.639 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion:104 Resp: 606539
Ion Ratio Lower Upper
104 100
78 43.7 35.4 53.2
103 45.8 37.5 56.3



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





#71

Bromoform

Concen: 49.059 ug/l

RT: 13.21 min Scan# 1198

Delta R.T. -0.02 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

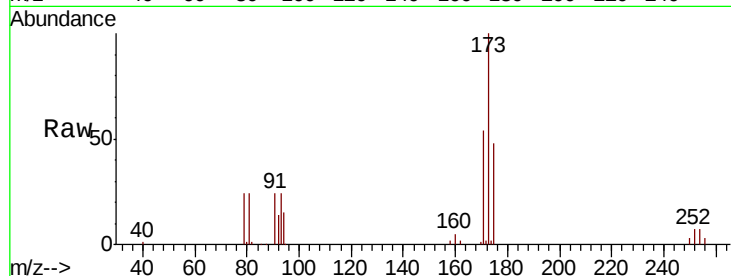
Tot Ion:173 Resp: 165549

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.4	73.4
254	6.9	5.4	8.2

173 100

175 48.5 24.4 73.4

254 6.9 5.4 8.2

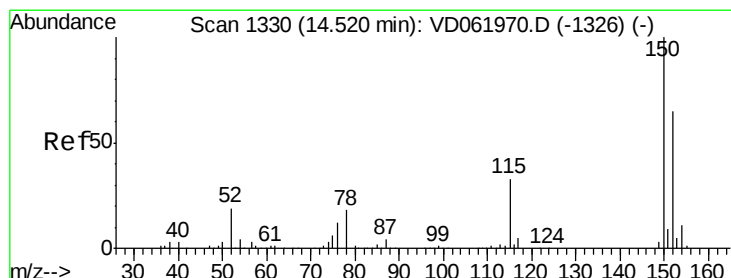
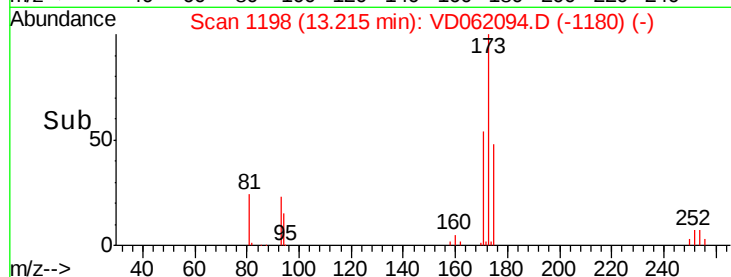
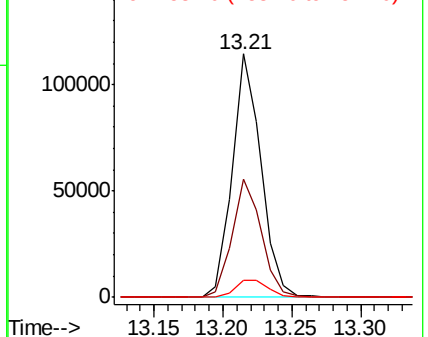


Abundance

Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.50 min Scan# 1329

Delta R.T. -0.02 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

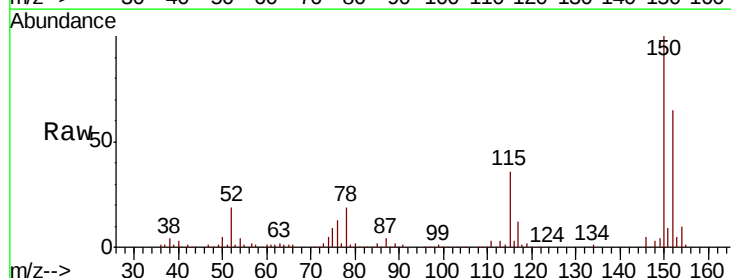
Tgt Ion:152 Resp: 338516

Ion	Ratio	Lower	Upper
152	100		
115	55.3	30.9	92.7
150	153.9	0.0	314.8

152 100

115 55.3 30.9 92.7

150 153.9 0.0 314.8

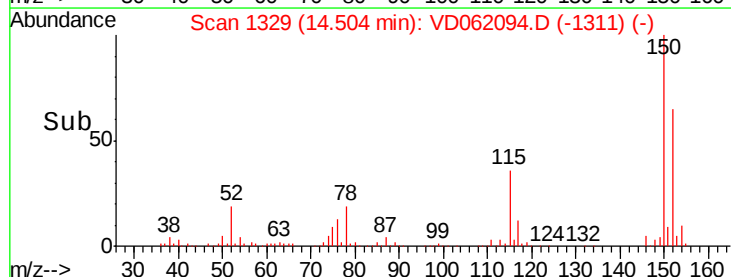
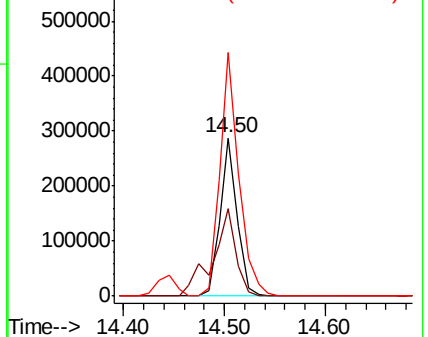


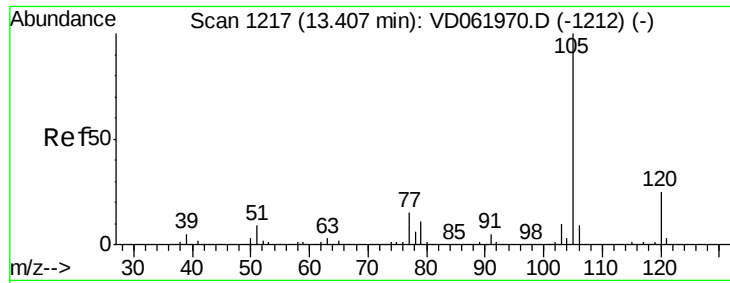
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.316 ug/l

RT: 13.38 min Scan# 1215

Delta R.T. -0.02 min

Lab File: VD062094.D

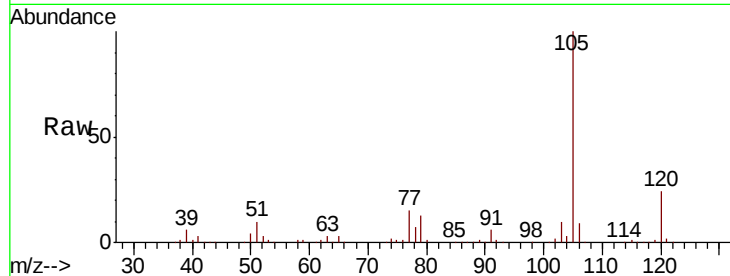
Acq: 30 Apr 2019 19:26

Tot Ion:105 Resp: 1000714

Ion Ratio Lower Upper

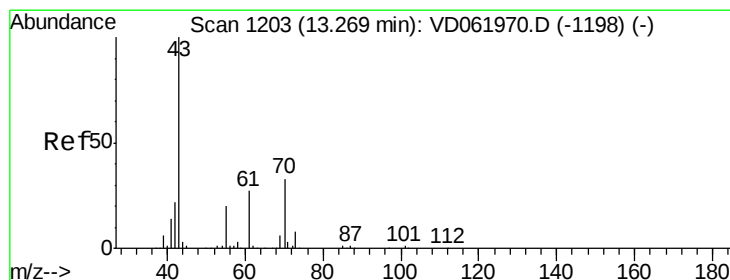
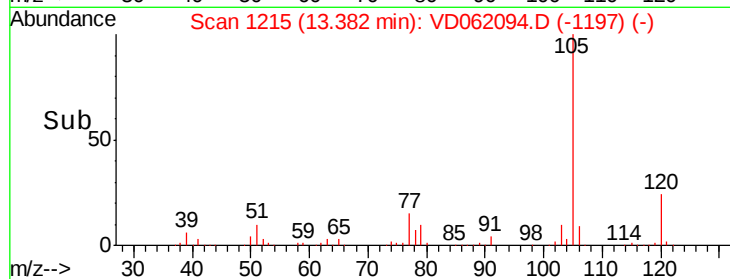
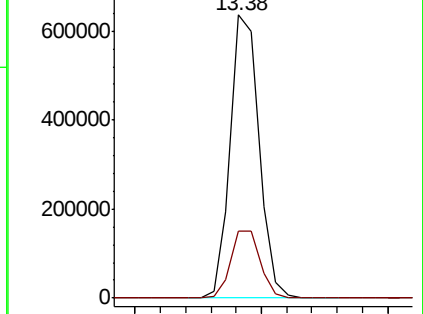
105 100

120 23.6 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 45.582 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

Tgt Ion: 43 Resp: 265085

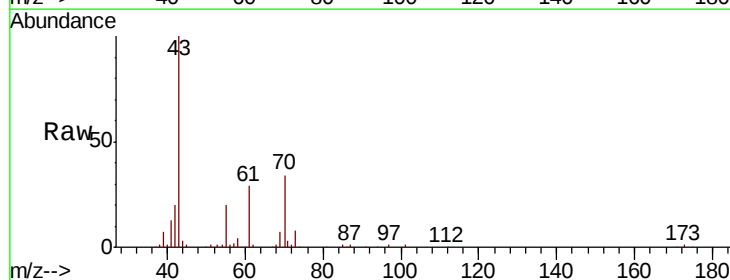
Ion Ratio Lower Upper

43 100

70 34.3 24.2 36.4

55 19.9 16.0 24.0

61 28.7 21.6 32.4

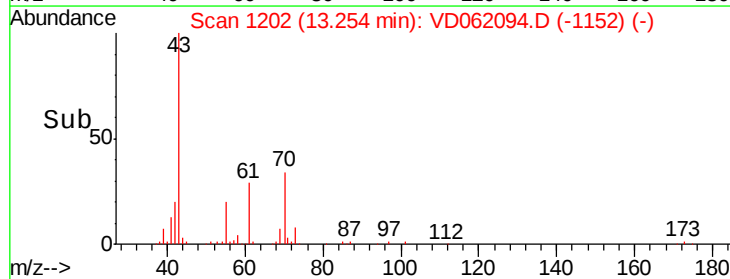
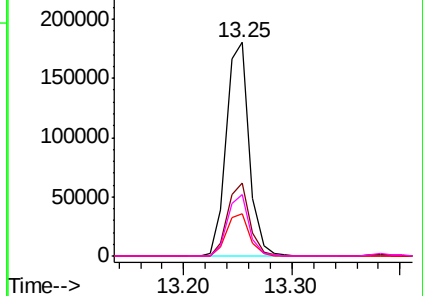


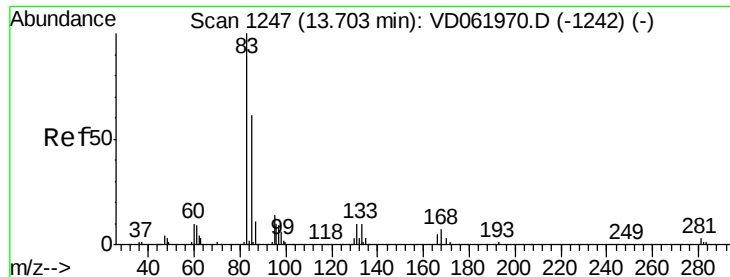
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.947 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

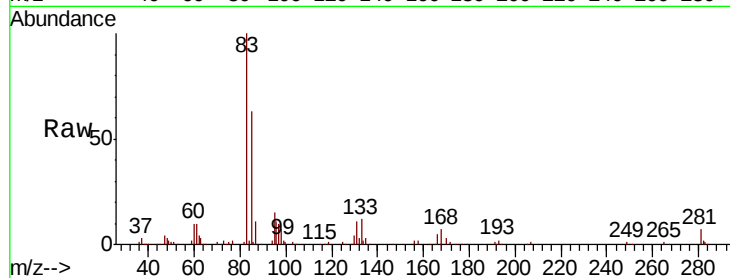
Tot Ion: 83 Resp: 203319

Ion Ratio Lower Upper

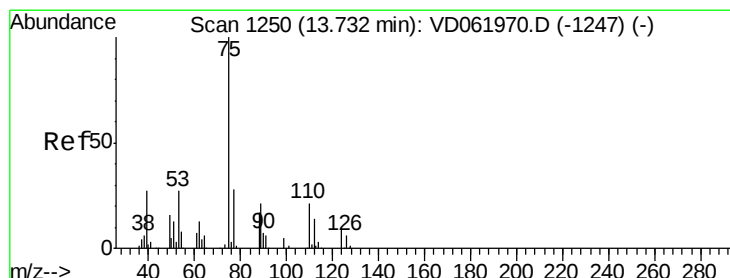
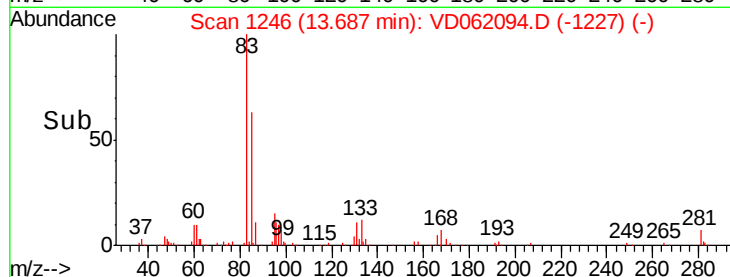
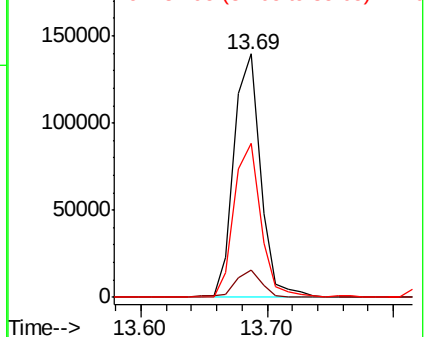
83 100

131 11.3 5.0 14.9

85 63.3 32.6 97.7



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: 47.131 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.02 min

Lab File: VD062094.D

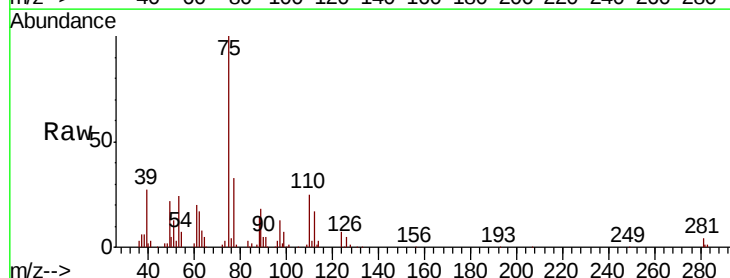
Acq: 30 Apr 2019 19:26

Tgt Ion: 75 Resp: 202601

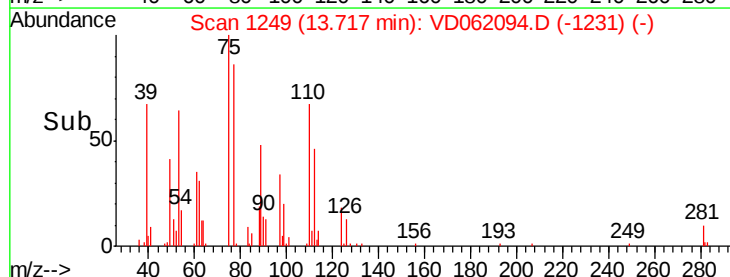
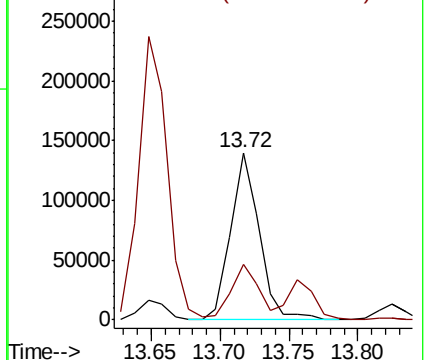
Ion Ratio Lower Upper

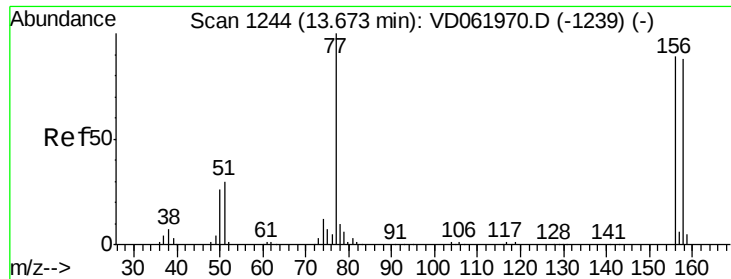
75 100

77 32.9 16.4 49.4



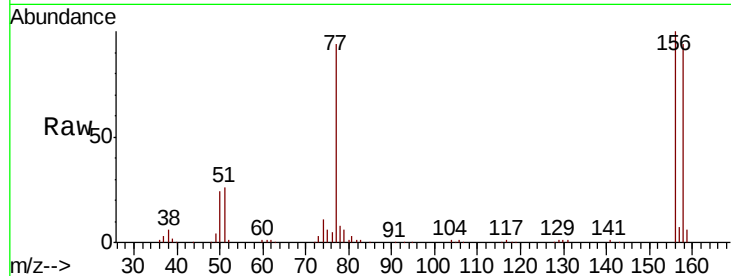
Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC



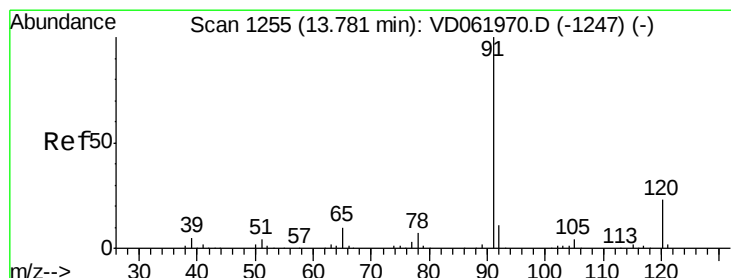
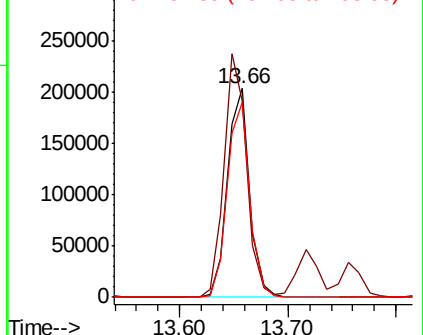
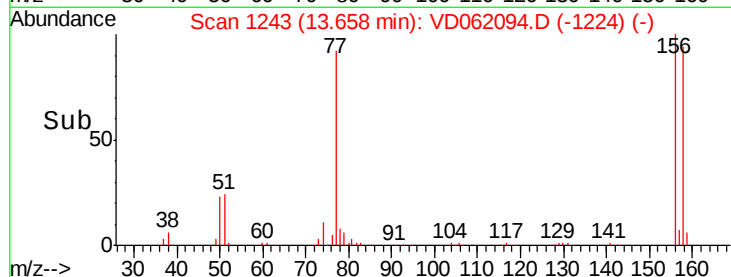


#77
Bromobenzene
Concen: 44.619 ug/l
RT: 13.66 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion:156 Resp: 289035
Ion Ratio Lower Upper
156 100
77 94.3 53.1 159.4
158 93.7 49.4 148.0

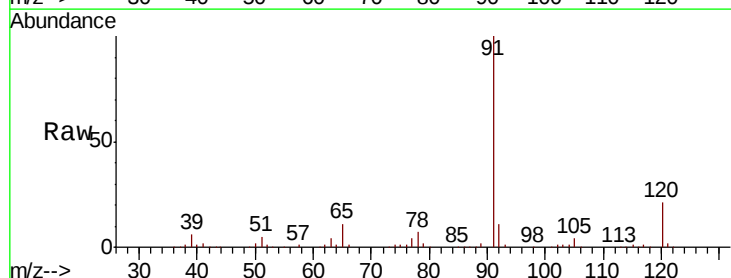


Abundance Ion 155.90 (155.60 to 156.60): V
Ion 76.95 (76.65 to 77.65): V
Ion 157.85 (157.55 to 158.55): V

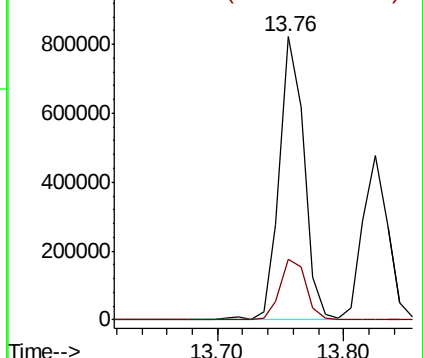
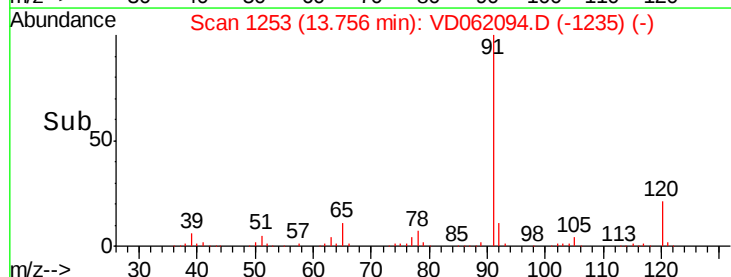


#78
n-propylbenzene
Concen: 43.607 ug/l
RT: 13.76 min Scan# 1253
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion: 91 Resp: 1127247
Ion Ratio Lower Upper
91 100
120 21.3 11.1 33.1



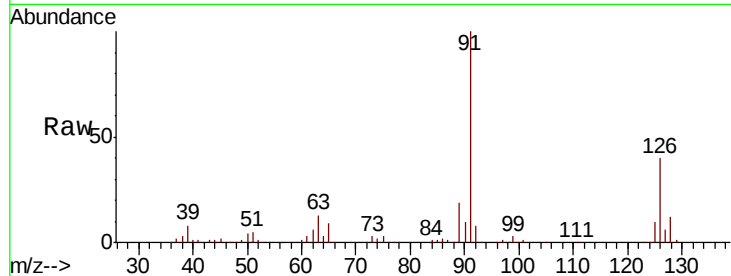
Abundance Ion 91.00 (90.70 to 91.70): V
Ion 120.05 (119.75 to 120.75): V



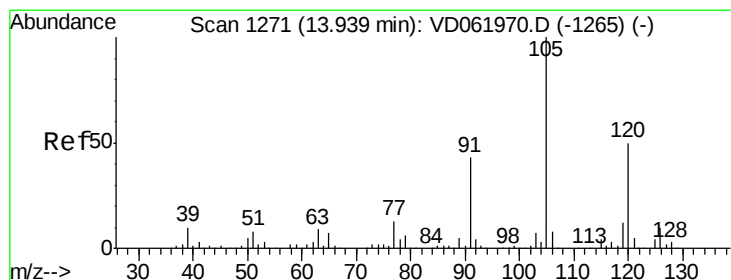
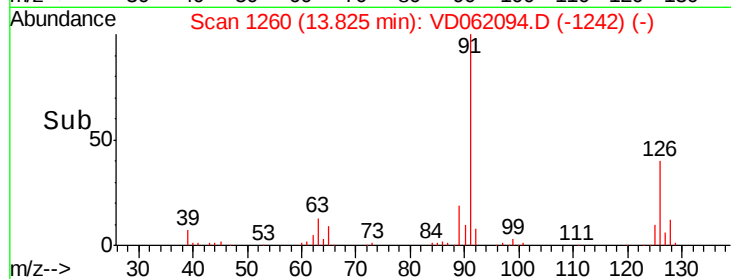
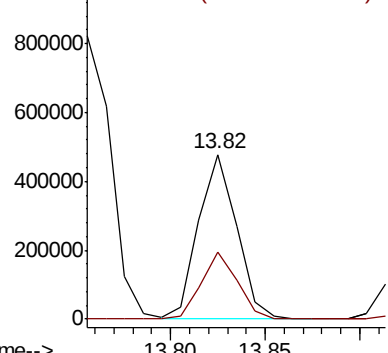


#79
 2-Chlorotoluene
 Concen: 42.630 ug/l
 RT: 13.82 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tot Ion: 91 Resp: 667495
 Ion Ratio Lower Upper
 91 100
 126 40.3 18.6 55.8

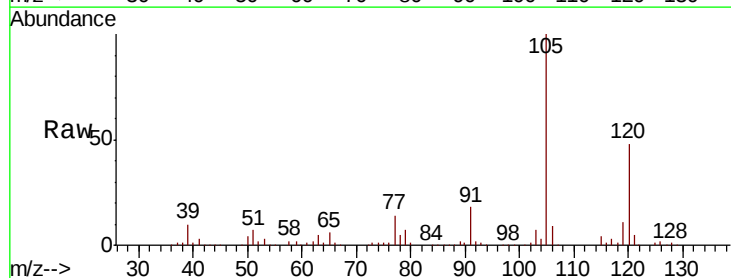


Abundance Ion 91.00 (90.70 to 91.70): VD061970.D (-1258) (-)
 Ion 125.95 (125.65 to 126.65): VD061970.D (-1258) (-)

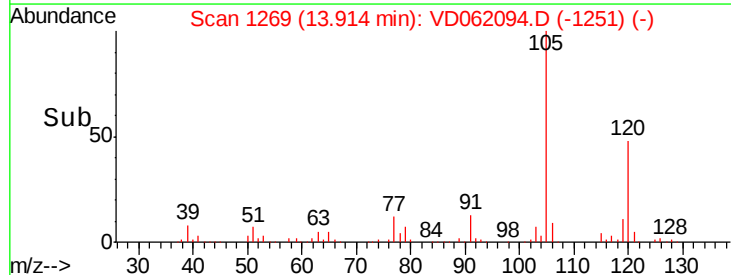
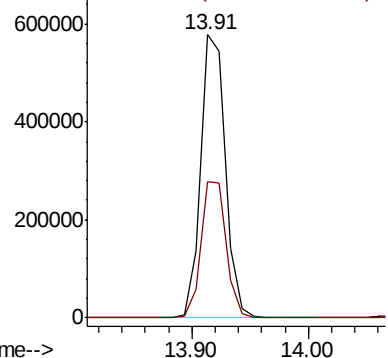


#80
 1,3,5-Trimethylbenzene
 Concen: 46.852 ug/l
 RT: 13.91 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion: 105 Resp: 843598
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.0 72.0



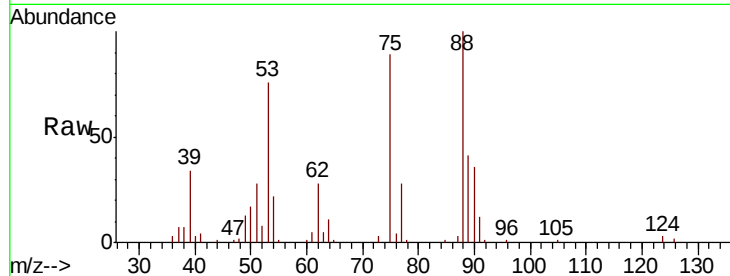
Abundance Ion 105.05 (104.75 to 105.75): VD061970.D (-1265) (-)
 Ion 120.05 (119.75 to 120.75): VD061970.D (-1265) (-)



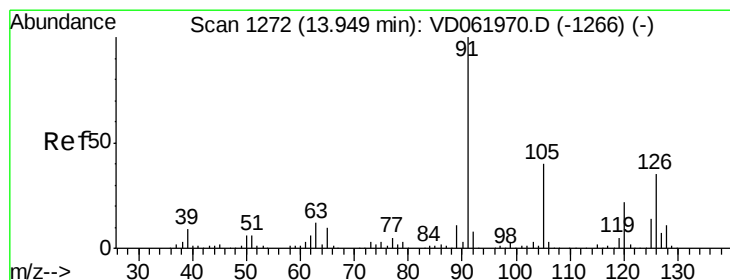
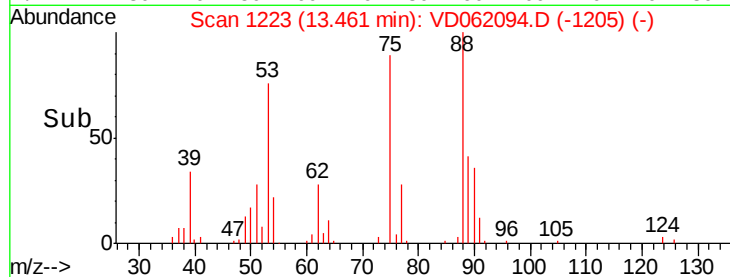
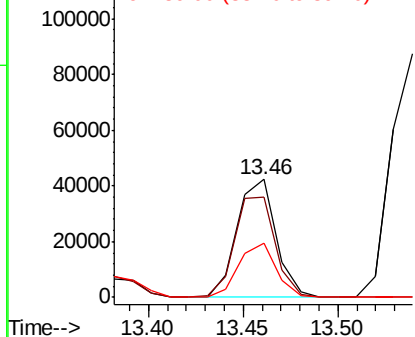


#81
trans-1,4-Dichloro-2-butene
Concen: 46.371 ug/l
RT: 13.46 min Scan# 1223
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.2	65.8	98.8
89	46.1	35.0	52.6

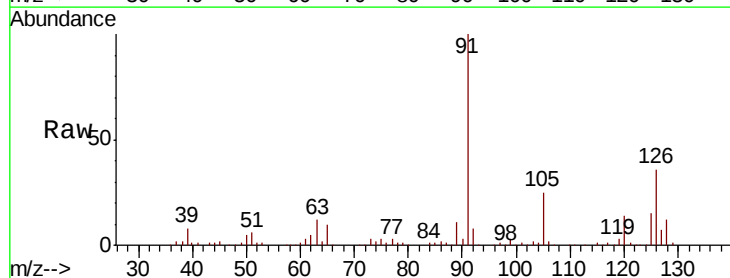


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

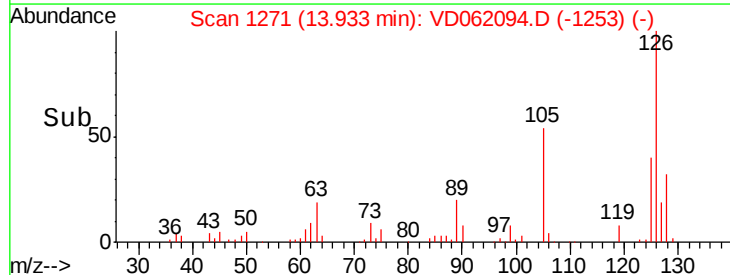
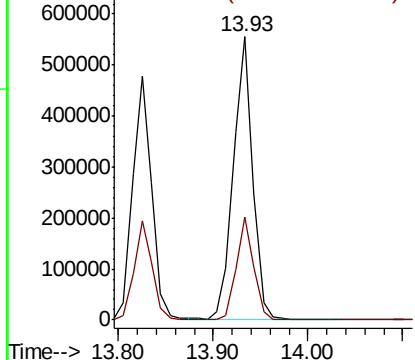


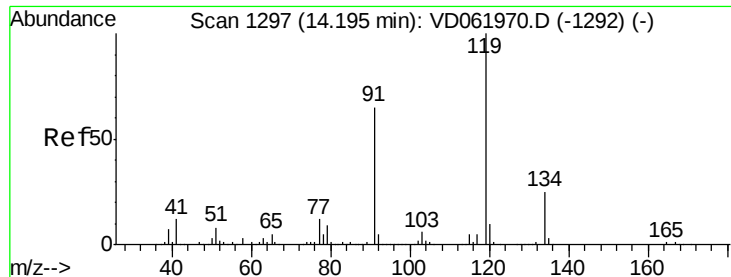
#82
4-Chlorotoluene
Concen: 45.748 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	19.1	57.5



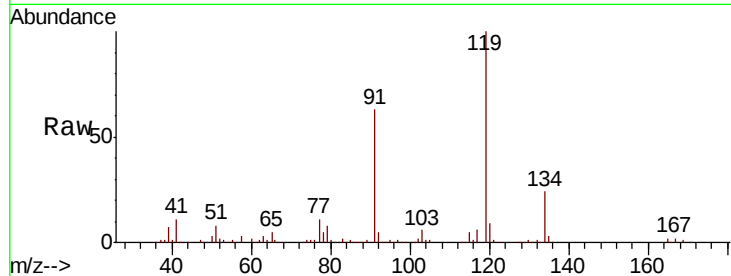
Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V



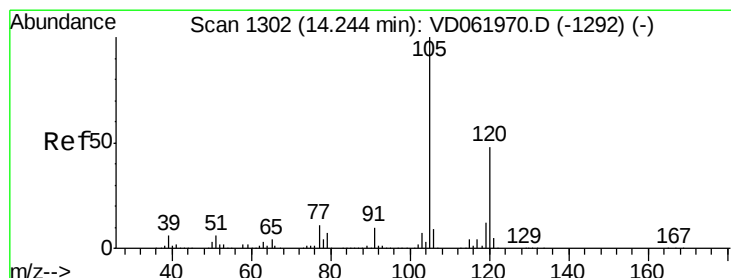
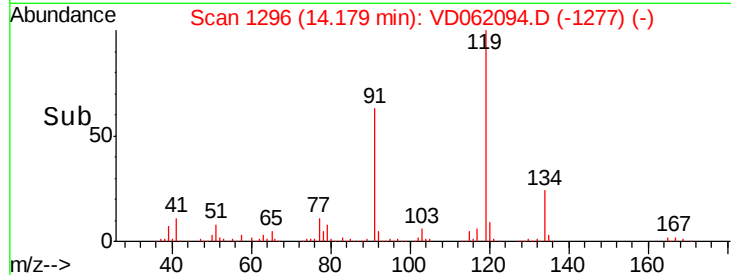
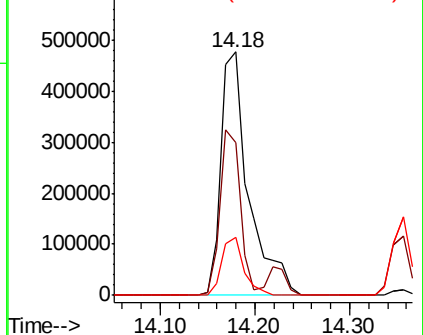


#83
tert-Butylbenzene
Concen: 46.347 ug/l
RT: 14.18 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion:119 Resp: 966719
Ion Ratio Lower Upper
119 100
91 63.0 34.2 102.6
134 24.0 12.0 36.0

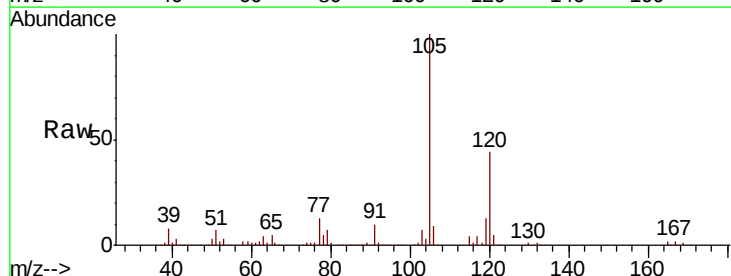


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

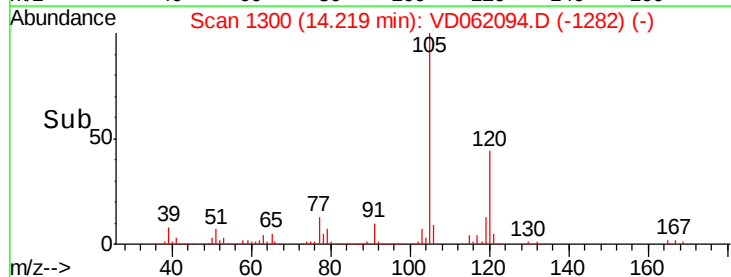
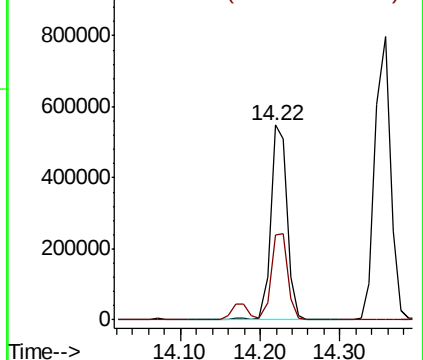


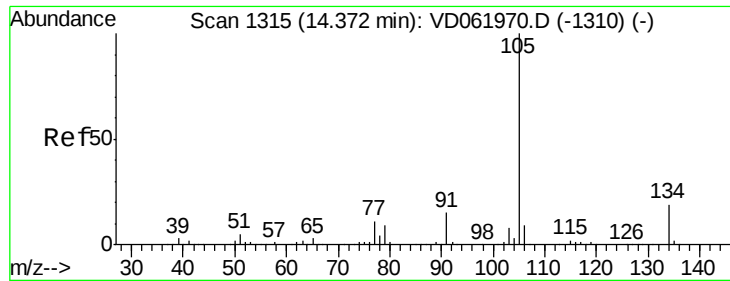
#84
1,2,4-Trimethylbenzene
Concen: 45.851 ug/l
RT: 14.22 min Scan# 1300
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion:105 Resp: 788289
Ion Ratio Lower Upper
105 100
120 43.9 23.1 69.2



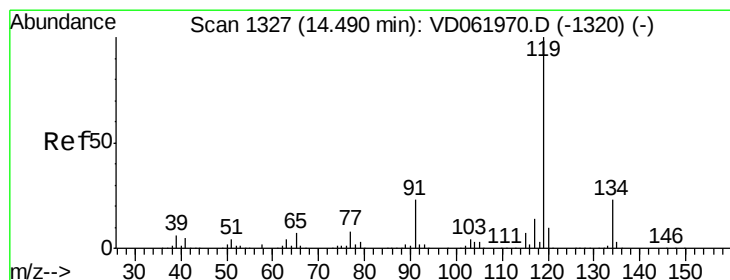
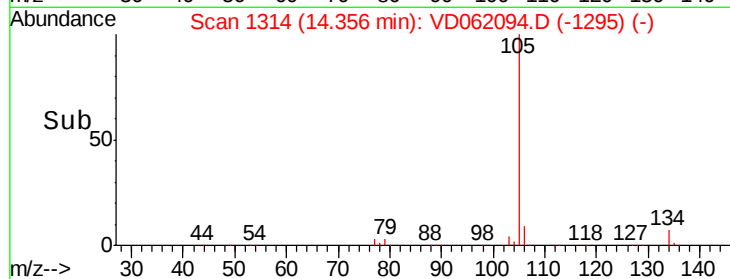
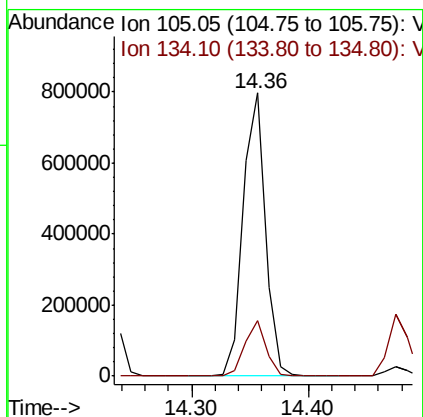
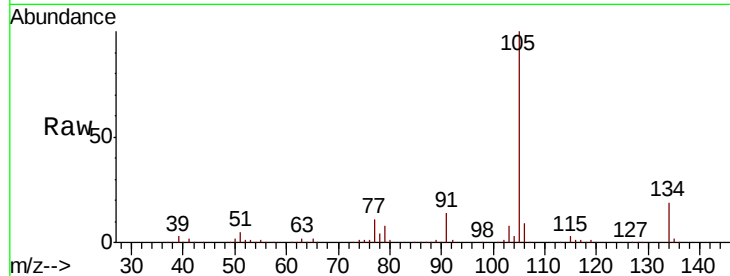
Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V





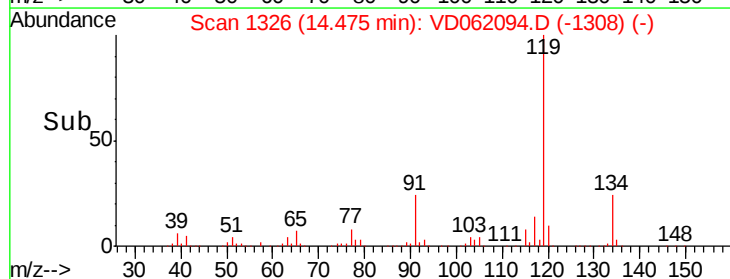
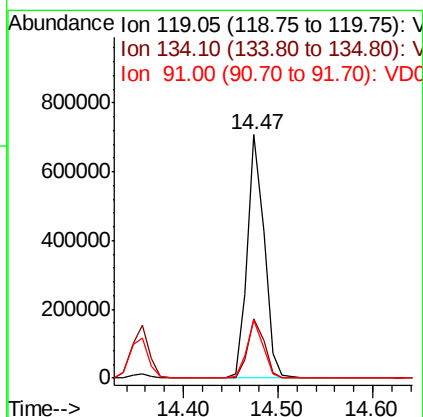
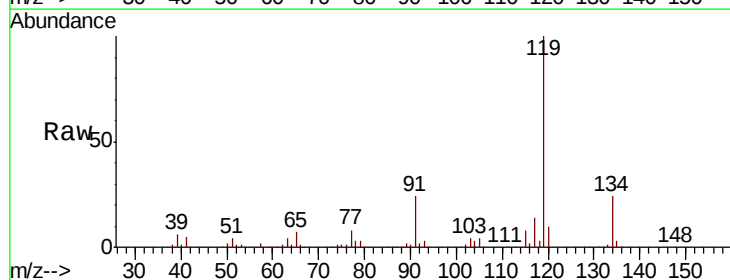
#85
 sec-Butylbenzene
 Concen: 46.970 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tot Ion:105 Resp: 1058582
 Ion Ratio Lower Upper
 105 100
 134 19.5 8.9 26.7



#86
 p-Isopropyltoluene
 Concen: 43.431 ug/l
 RT: 14.47 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion:119 Resp: 876024
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.8 38.3
 91 23.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 44.453 ug/l

RT: 14.45 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

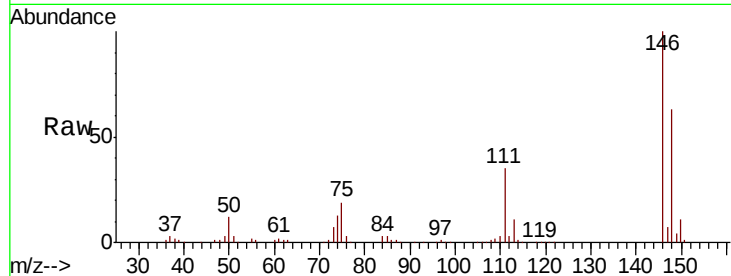
Tot Ion:146 Resp: 504278

Ion Ratio Lower Upper

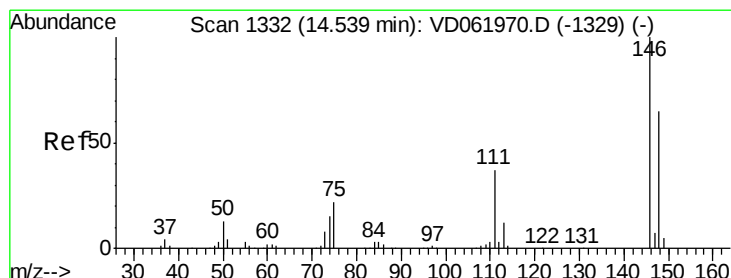
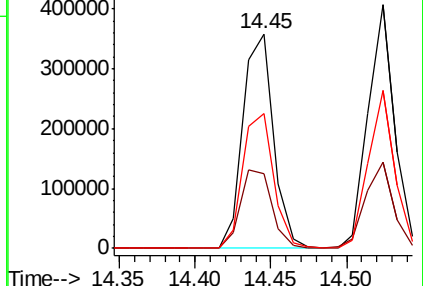
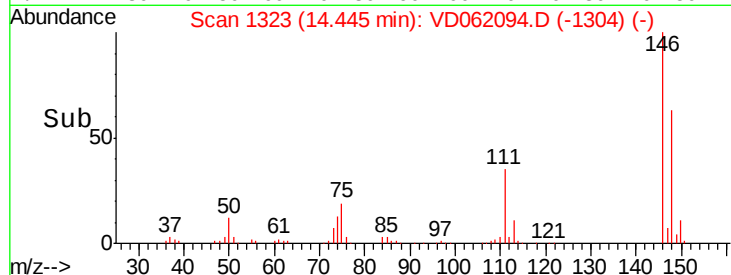
146 100

111 34.8 20.0 60.0

148 63.1 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 47.223 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. -0.02 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

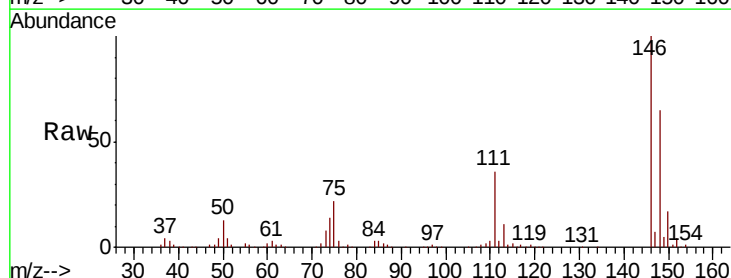
Tgt Ion:146 Resp: 500974

Ion Ratio Lower Upper

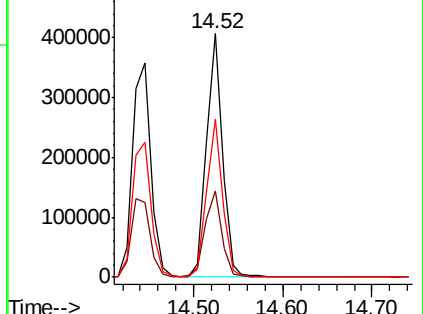
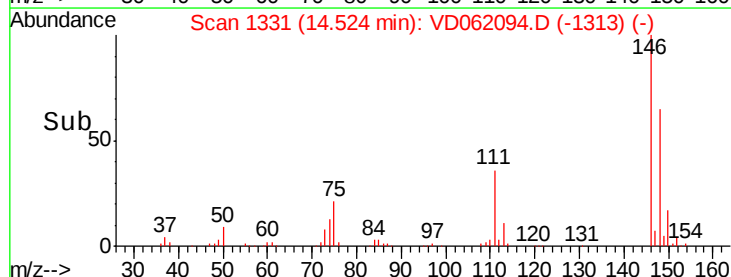
146 100

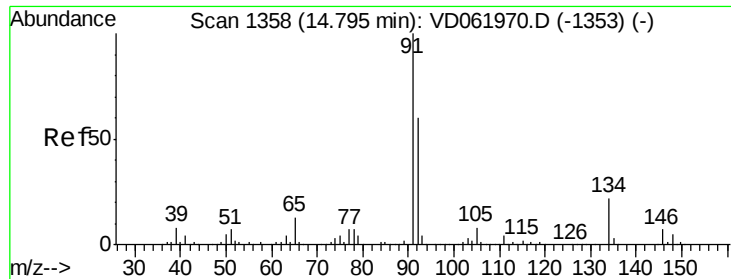
111 35.6 20.2 60.5

148 65.0 32.0 96.2



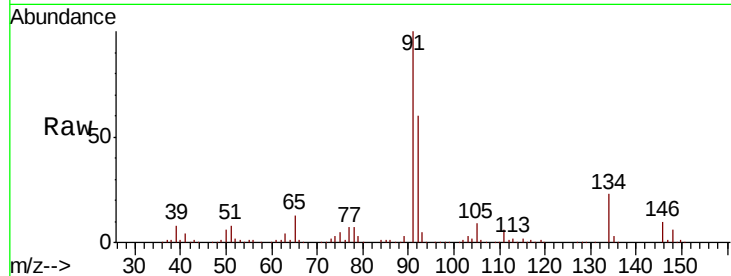
Abundance Ion 145.95 (145.65 to 146.65): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



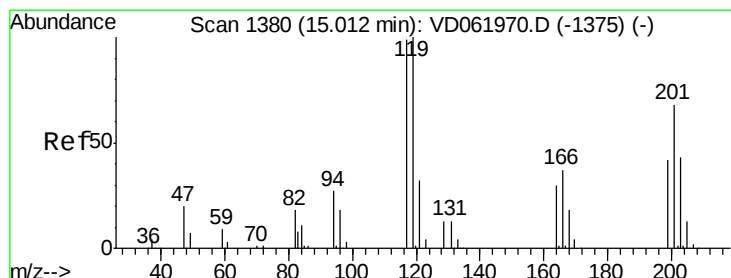
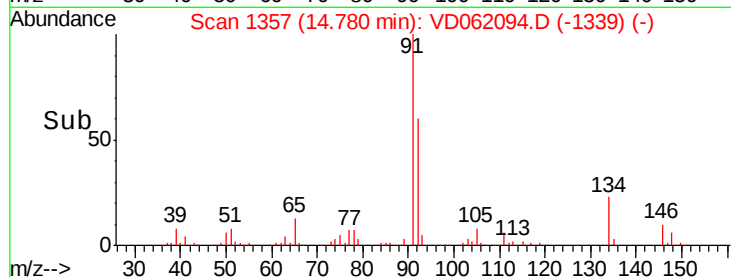
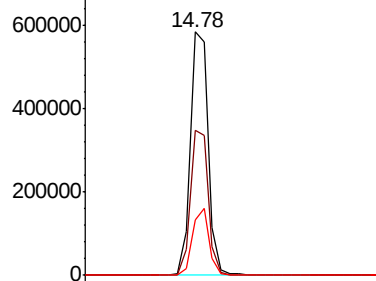


#89
n-Butylbenzene
Concen: 45.826 ug/l
RT: 14.78 min Scan# 1357
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion: 91 Resp: 829847
Ion Ratio Lower Upper
91 100
92 59.6 30.3 91.0
134 22.9 14.5 43.6

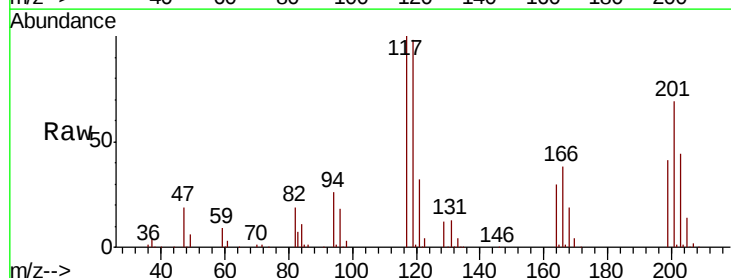


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): VDC

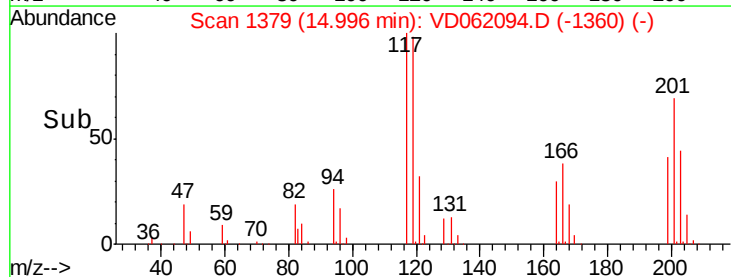
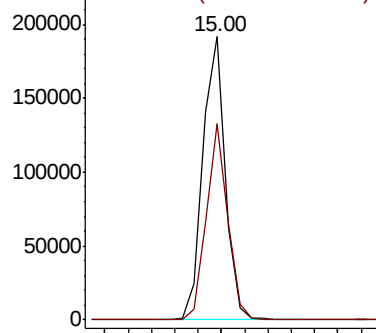


#90
Hexachloroethane
Concen: 46.726 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion: 117 Resp: 254853
Ion Ratio Lower Upper
117 100
201 69.3 30.2 90.6



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





#91

1,2-Dichlorobenzene

Concen: 46.807 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. -0.01 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

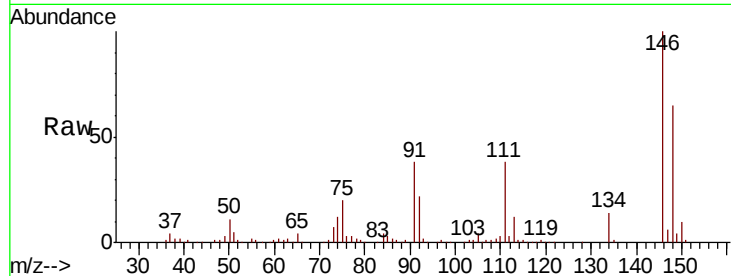
Tot Ion:146 Resp: 437991

Ion Ratio Lower Upper

146 100

111 38.1 20.0 59.9

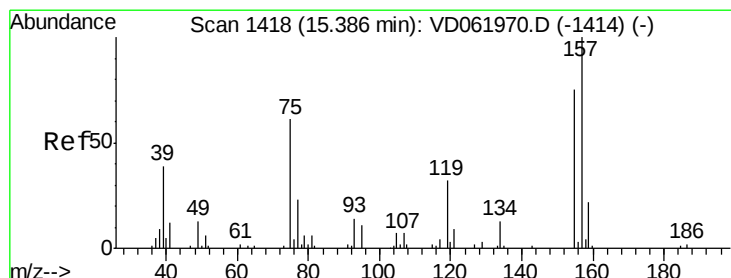
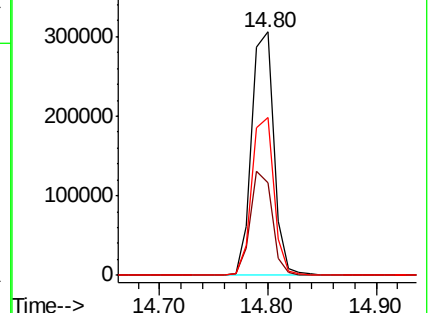
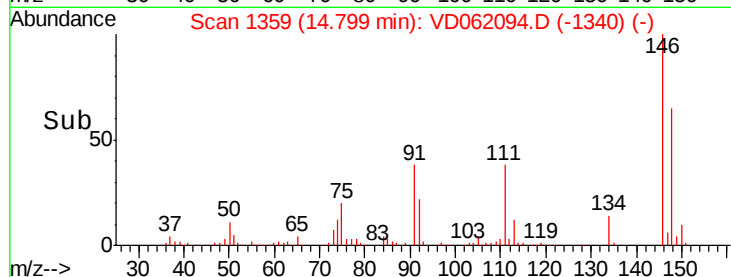
148 65.0 32.3 96.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.240 ug/l

RT: 15.37 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VD062094.D

Acq: 30 Apr 2019 19:26

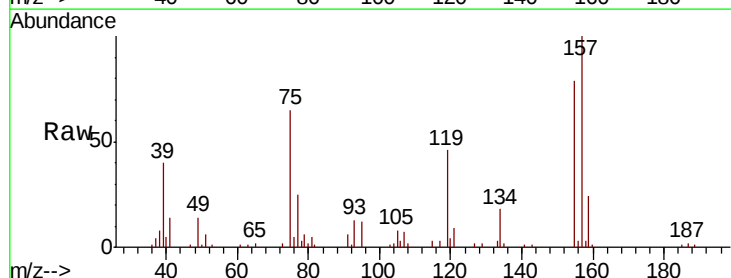
Tgt Ion: 75 Resp: 32855

Ion Ratio Lower Upper

75 100

155 121.1 55.3 165.8

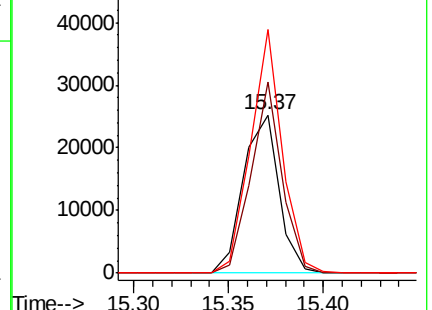
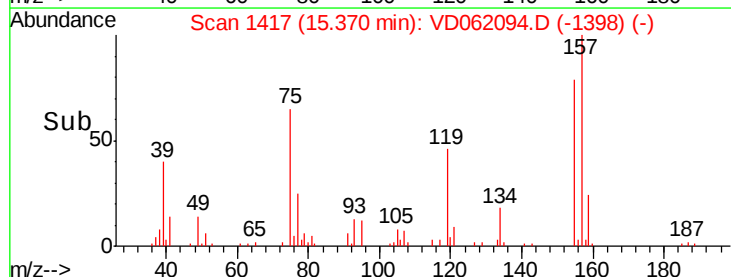
157 154.3 67.8 203.2

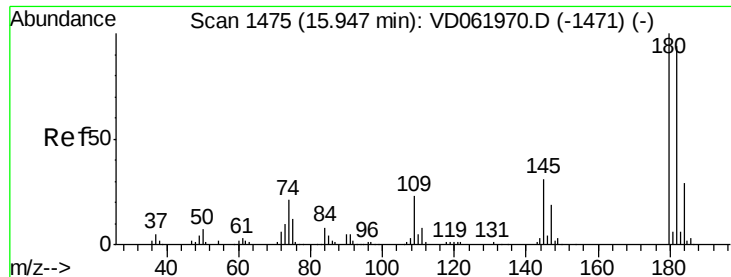


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

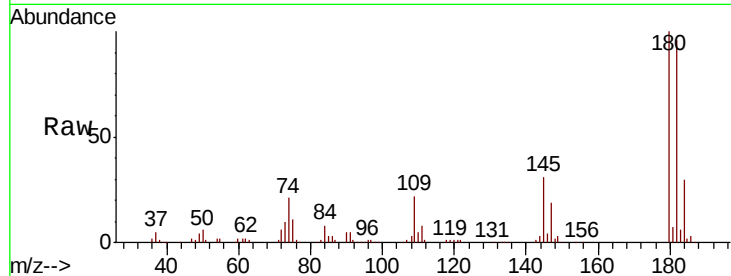
Ion 156.85 (156.55 to 157.55): V



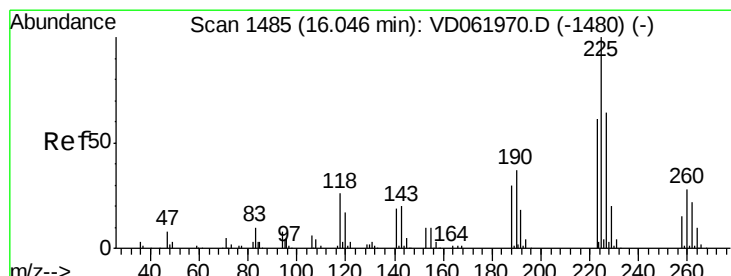
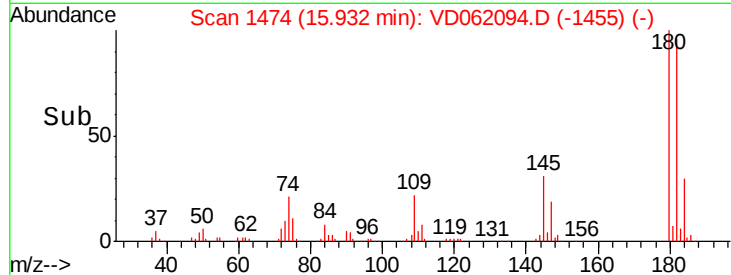
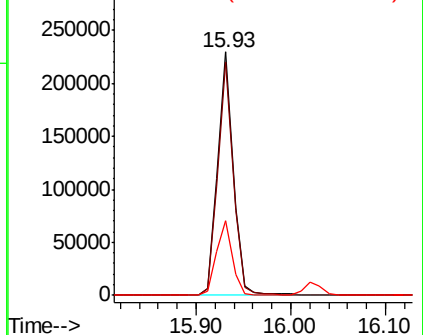


#93
 1,2,4-Trichlorobenzene
 Concen: 52.475 ug/l
 RT: 15.93 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tot Ion:180 Resp: 264943
 Ion Ratio Lower Upper
 180 100
 182 95.9 49.3 147.8
 145 30.5 16.2 48.6

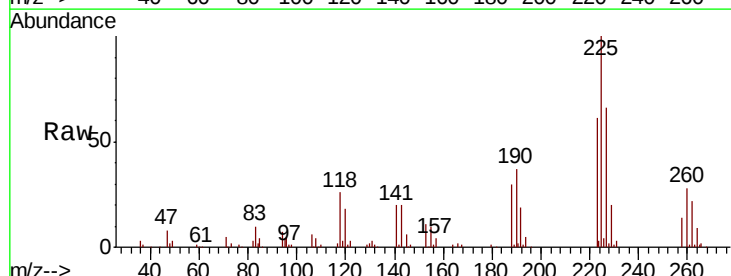


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

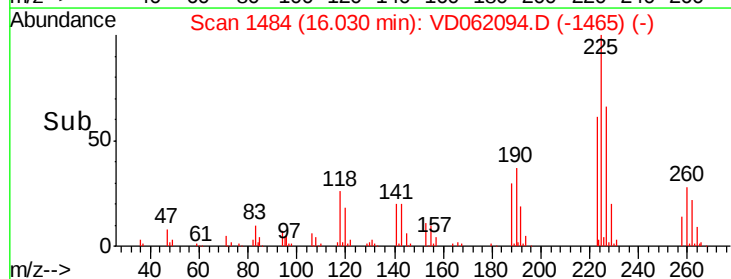
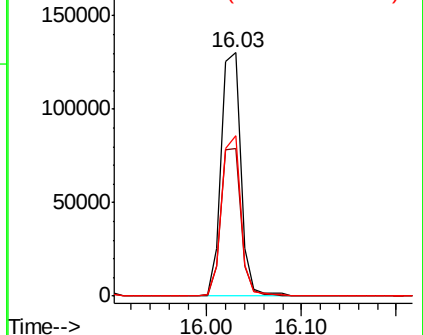


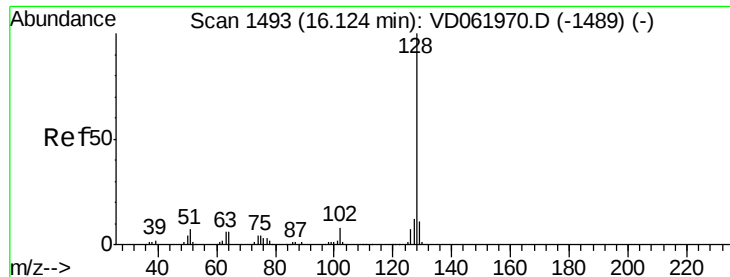
#94
 Hexachlorobutadiene
 Concen: 50.295 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: VD062094.D
 Acq: 30 Apr 2019 19:26

Tgt Ion:225 Resp: 187920
 Ion Ratio Lower Upper
 225 100
 223 60.9 30.6 92.0
 227 65.9 32.0 96.2



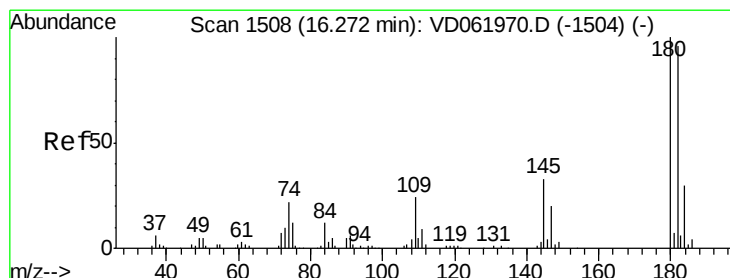
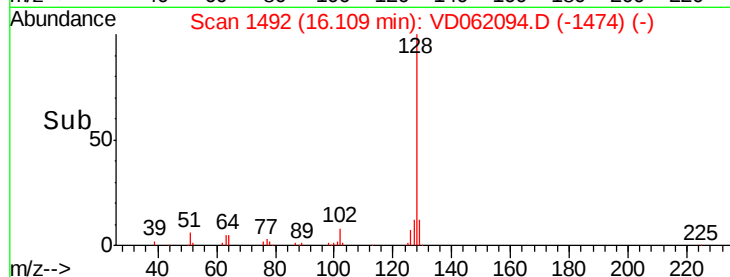
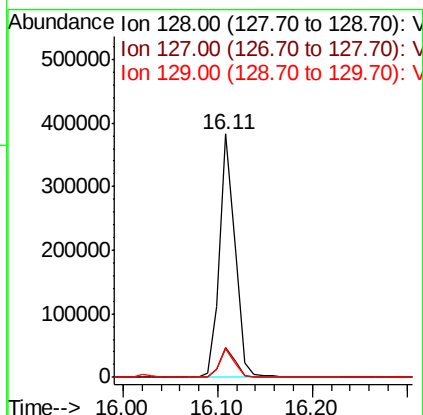
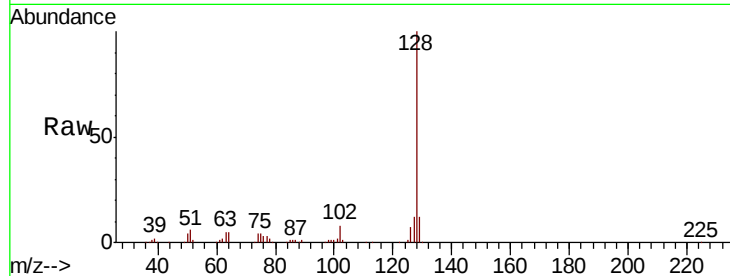
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95
Naphthalene
Concen: 53.319 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.02 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tot Ion:128 Resp: 434655
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.8
129 11.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 60.758 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VD062094.D
Acq: 30 Apr 2019 19:26

Tgt Ion:180 Resp: 174052
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.0
145 32.4 17.0 51.0

