

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
 Data File : VD061102.D
 Acq On : 16 Mar 2019 11:01
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 18 02:24:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	719898	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1141134	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	960775	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	417692	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	284942	47.55	ug/l	0.02
Spiked Amount			Recovery	=	95.10%	
35) Dibromofluoromethane	6.94	113	443926	52.42	ug/l	0.02
Spiked Amount			Recovery	=	104.84%	
50) Toluene-d8	10.42	98	1140821	53.64	ug/l	0.02
Spiked Amount			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	13.56	95	395004	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	330198	46.304	ug/l	98
3) Chloromethane	1.77	50	244197	41.108	ug/l	99
4) Vinyl Chloride	1.86	62	263498	48.004	ug/l	98
5) Bromomethane	2.17	94	56337	60.380	ug/l	94
6) Chloroethane	2.28	64	83359	50.736	ug/l	94
7) Trichlorofluoromethane	2.55	101	381331	48.359	ug/l	96
8) Diethyl Ether	2.89	74	137487	52.853	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.17	101	430110	48.788	ug/l	97
10) Methyl Iodide	3.32	142	613654	50.513	ug/l	98
11) Tert butyl alcohol	4.07	59	91367	239.505	ug/l #	94
12) 1,1-Dichloroethene	3.14	96	349796	48.406	ug/l	98
13) Acrolein	3.06	56	108971	197.422	ug/l	95
14) Allyl chloride	3.64	41	562894	48.685	ug/l	98
15) Acrylonitrile	4.21	53	340915	252.851	ug/l	100
16) Acetone	3.23	43	458731	267.707	ug/l	98
17) Carbon Disulfide	3.40	76	1089417	44.691	ug/l	100
18) Methyl Acetate	3.65	43	177812	52.728	ug/l	93
19) Methyl tert-butyl Ether	4.26	73	658995	52.036	ug/l	97
20) Methylene Chloride	3.83	84	366593	46.603	ug/l	98
21) trans-1,2-Dichloroethene	4.24	96	397325	50.799	ug/l	97
22) Diisopropyl ether	5.14	45	1196482	49.850	ug/l	99
23) Vinyl Acetate	5.07	43	2967983	240.885	ug/l	100
24) 1,1-Dichloroethane	5.01	63	656591	49.929	ug/l	99
25) 2-Butanone	6.09	43	547063	281.351	ug/l	98
26) 2,2-Dichloropropane	6.04	77	543382	52.930	ug/l	99
27) cis-1,2-Dichloroethene	6.06	96	450109	54.240	ug/l	95
28) Bromochloromethane	6.45	49	221775	39.836	ug/l	94
29) Tetrahydrofuran	6.47	42	232251	219.973	ug/l	97
30) Chloroform	6.68	83	692281	50.793	ug/l	99
31) Cyclohexane	6.97	56	480452	45.310	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	575117	48.808	ug/l	97
36) 1,1-Dichloropropene	7.16	75	514212	52.276	ug/l	99
37) Ethyl Acetate	6.20	43	225768	48.911	ug/l	99
38) Carbon Tetrachloride	7.13	117	579056	53.443	ug/l	99

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Quant Title : SW846 8260

QLast Update : Fri Mar 08 02:35:39 2019

Response via : Initial Calibration

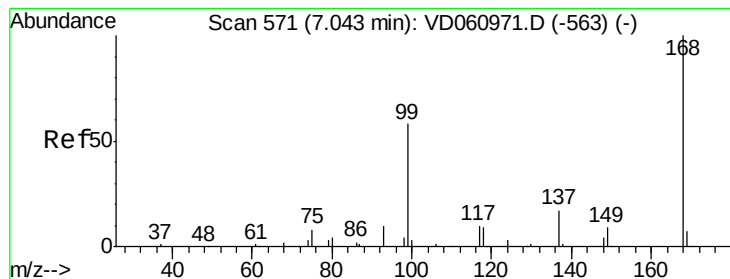
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	555050	54.419	ug/l	97
40) Benzene	7.48	78	1220798	49.669	ug/l	99
41) Methacrylonitrile	6.46	41	259083	48.798	ug/l	95
42) 1,2-Dichloroethane	7.59	62	376357	52.765	ug/l	98
43) Isopropyl Acetate	9.25	43	326812	51.119	ug/l	96
44) Trichloroethene	8.56	130	454891	53.646	ug/l	99
45) 1,2-Dichloropropane	8.95	63	339658	52.600	ug/l	98
46) Dibromomethane	9.08	93	225733	55.110	ug/l	98
47) Bromodichloromethane	9.39	83	495040	53.557	ug/l	100
48) Methyl methacrylate	9.13	41	188573	52.388	ug/l	98
49) 1,4-Dioxane	9.09	88	39943	1097.387	ug/l	98
51) 4-Methyl-2-Pentanone	10.31	43	1052751	268.791	ug/l	99
52) Toluene	10.52	92	831875	54.428	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	438166	51.842	ug/l	98
54) cis-1,3-Dichloropropene	10.05	75	564365	55.574	ug/l	98
55) 1,1,2-Trichloroethane	11.21	97	270944	53.232	ug/l	98
56) Ethyl methacrylate	11.05	69	282050	52.941	ug/l	98
57) 1,3-Dichloropropane	11.41	76	372455	48.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.87	63	751957	266.647	ug/l	98
59) 2-Hexanone	11.54	43	757512	264.403	ug/l	98
60) Dibromochloromethane	11.70	129	414623	55.350	ug/l	98
61) 1,2-Dibromoethane	11.82	107	293688	49.601	ug/l	99
64) Tetrachloroethene	11.27	164	329552	50.812	ug/l	97
65) Chlorobenzene	12.41	112	986831	52.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	361831	53.893	ug/l	98
67) Ethyl Benzene	12.54	91	1431341	51.044	ug/l	99
68) m/p-Xylenes	12.67	106	1064738	96.742	ug/l	96
69) o-Xylene	13.06	106	569094	52.604	ug/l	97
70) Styrene	13.08	104	916051	51.856	ug/l	99
71) Bromoform	13.24	173	219415	50.660	ug/l	99
73) Isopropylbenzene	13.41	105	1512363	50.241	ug/l	99
74) N-amyl acetate	13.27	43	410881	48.475	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.71	83	304674	51.876	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	304771	50.717	ug/l	98
77) Bromobenzene	13.68	156	415209	54.034	ug/l	96
78) n-propylbenzene	13.79	91	1798594	51.038	ug/l	94
79) 2-Chlorotoluene	13.84	91	994819	51.276	ug/l	97
80) 1,3,5-Trimethylbenzene	14.25	105	1132533	49.558	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.48	75	88059	49.704	ug/l	97
82) 4-Chlorotoluene	13.95	91	1089508	47.502	ug/l	98
83) tert-Butylbenzene	14.20	119	1356833	54.253	ug/l	98
84) 1,2,4-Trimethylbenzene	14.25	105	1132533	49.558	ug/l	97
85) sec-Butylbenzene	14.38	105	1535924	50.306	ug/l	99
86) p-Isopropyltoluene	14.49	119	1299470	52.069	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	734089	53.500	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	673202	49.927	ug/l	98
89) n-Butylbenzene	14.80	91	1211977	50.570	ug/l	99
90) Hexachloroethane	15.02	117	374660	53.166	ug/l	91
91) 1,2-Dichlorobenzene	14.82	146	610818	53.398	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	15.39	75	37159	52.504	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	273775	51.593	ug/l	98
94) Hexachlorobutadiene	16.04	225	209789	52.268	ug/l	98
95) Naphthalene	16.13	128	405655	50.305	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	121397	46.319	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061102.D

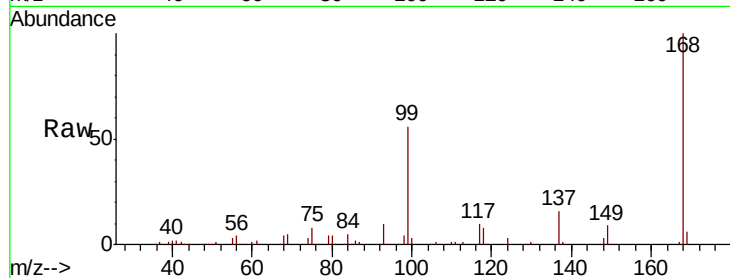
Acq: 16 Mar 2019 11:01

Tgt Ion: 168 Resp: 719898

Ion Ratio Lower Upper

168 100

99 56.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

250000

200000

150000

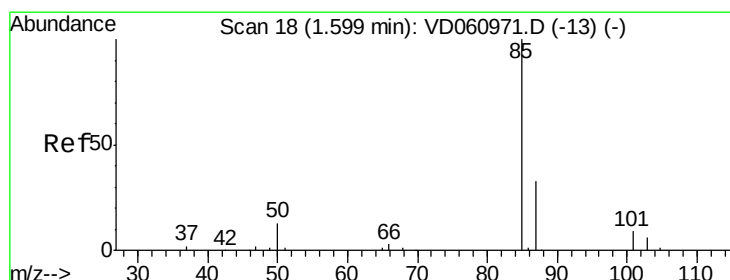
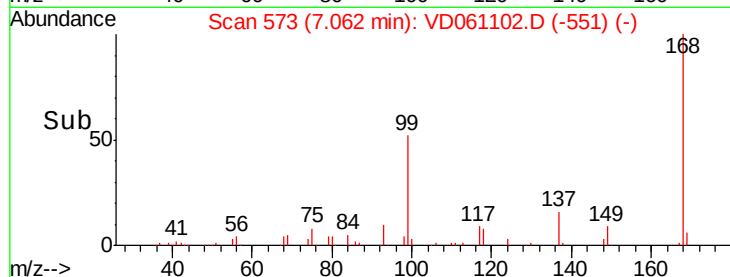
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 46.304 ug/l

RT: 1.59 min Scan# 17

Delta R.T. -0.01 min

Lab File: VD061102.D

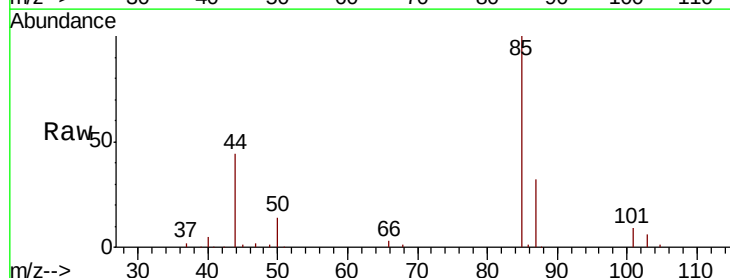
Acq: 16 Mar 2019 11:01

Tgt Ion: 85 Resp: 330198

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

150000

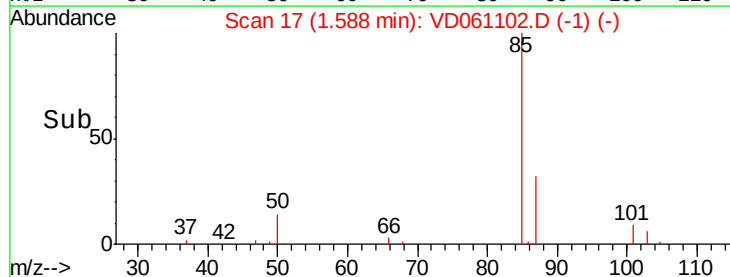
100000

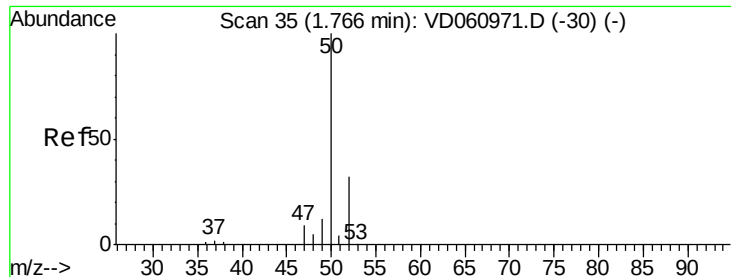
50000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 41.108 ug/l

RT: 1.77 min Scan# 35

Delta R.T. -0.00 min

Lab File: VD061102.D

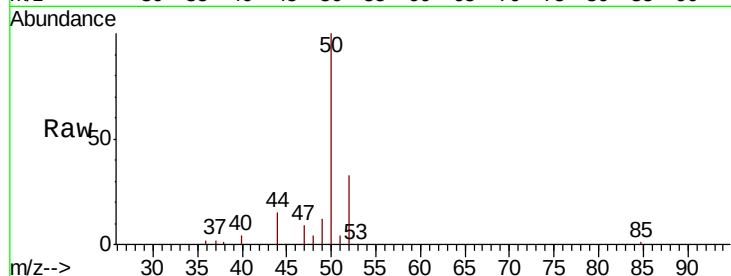
Acq: 16 Mar 2019 11:01

Tgt Ion: 50 Resp: 244197

Ion Ratio Lower Upper

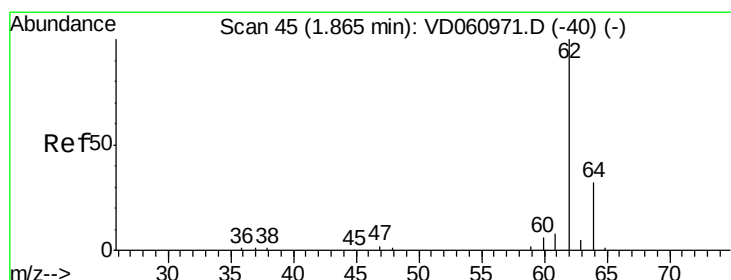
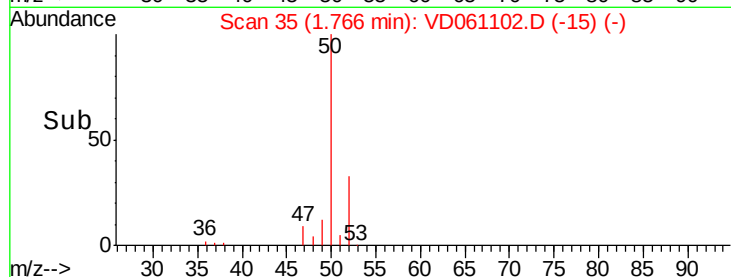
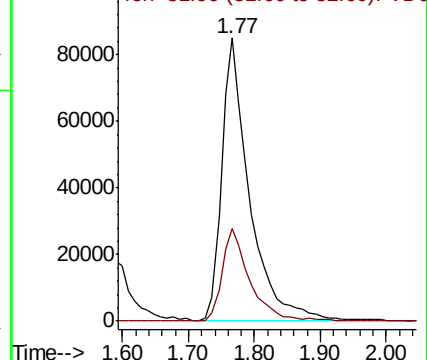
50 100

52 32.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.004 ug/l

RT: 1.86 min Scan# 45

Delta R.T. -0.00 min

Lab File: VD061102.D

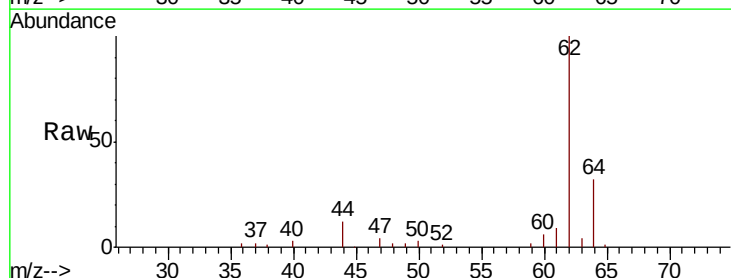
Acq: 16 Mar 2019 11:01

Tgt Ion: 62 Resp: 263498

Ion Ratio Lower Upper

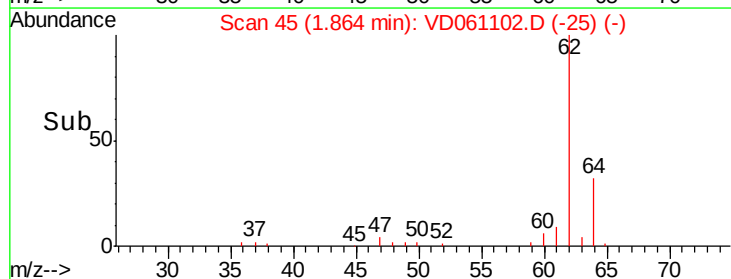
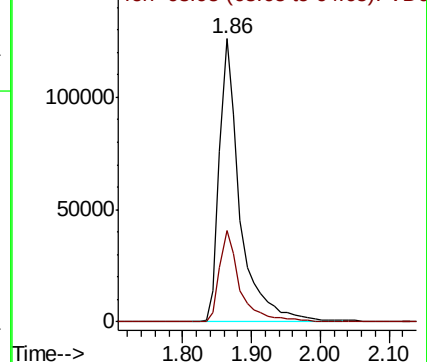
62 100

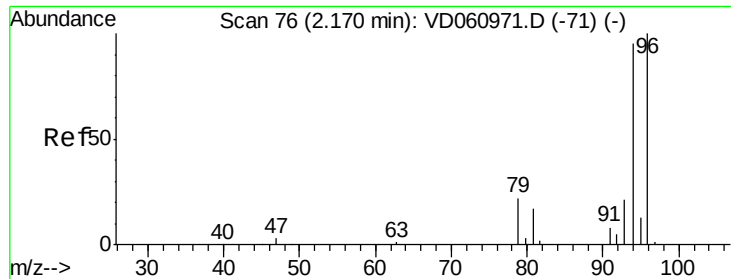
64 32.5 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 60.380 ug/l

RT: 2.17 min Scan# 76

Delta R.T. 0.00 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

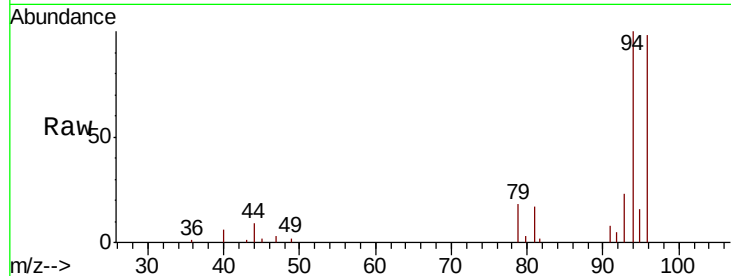
Tgt Ion: 94 Resp: 56337

Ion Ratio Lower Upper

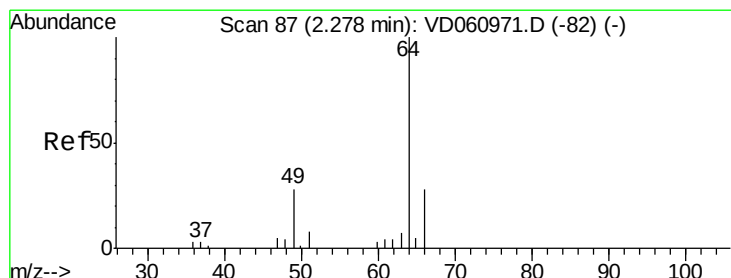
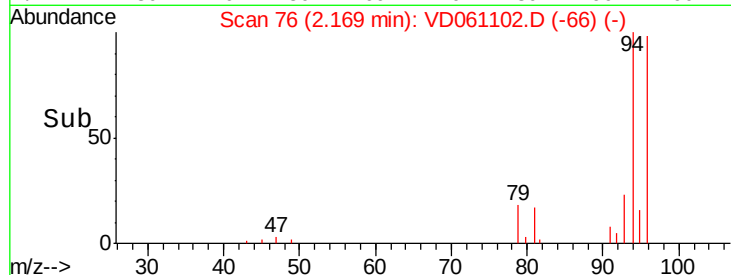
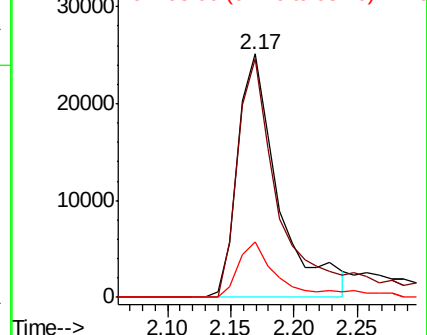
94 100

96 98.0 84.0 126.0

93 22.8 17.3 25.9



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



#6

Chloroethane

Concen: 50.736 ug/l

RT: 2.28 min Scan# 87

Delta R.T. -0.00 min

Lab File: VD061102.D

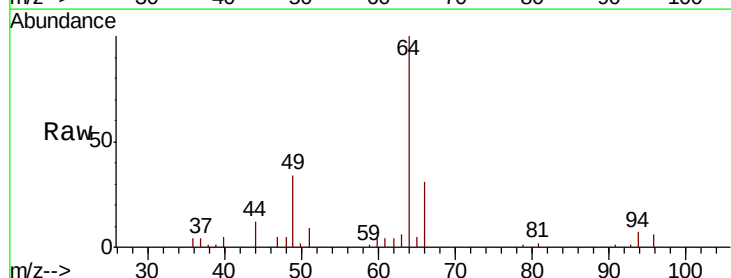
Acq: 16 Mar 2019 11:01

Tgt Ion: 64 Resp: 83359

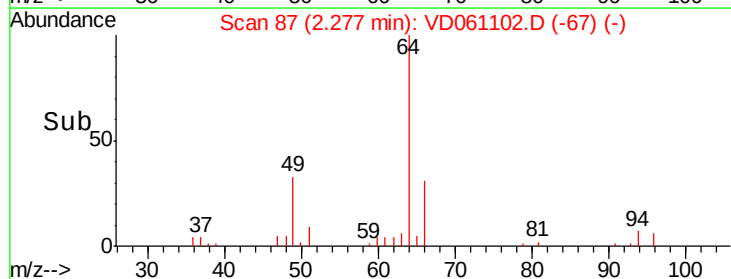
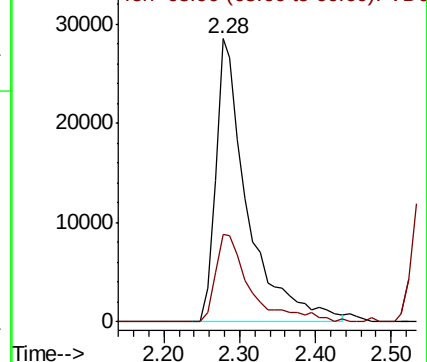
Ion Ratio Lower Upper

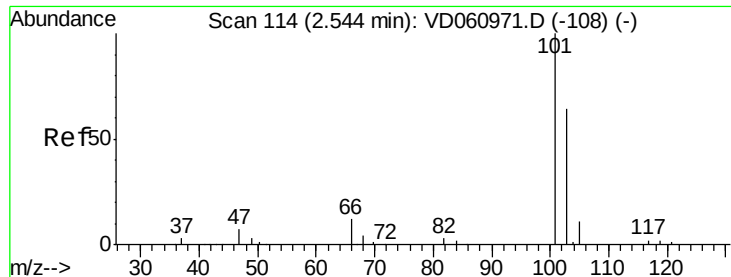
64 100

66 30.7 22.2 33.2



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

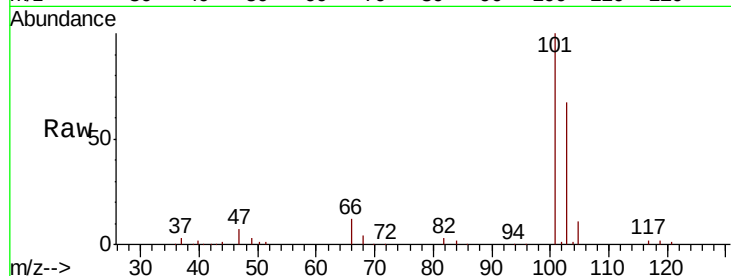




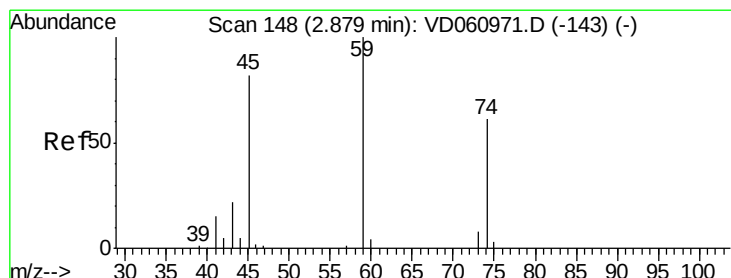
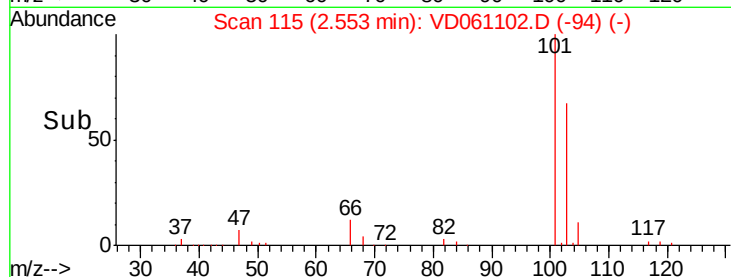
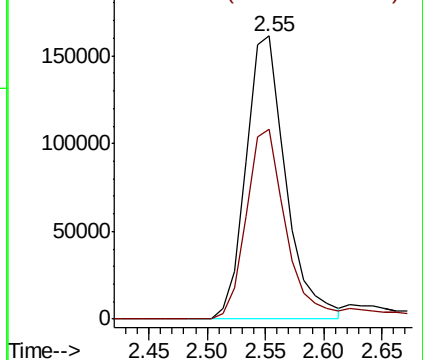
#7

Trichlorofluoromethane
 Concen: 48.359 ug/l
 RT: 2.55 min Scan# 115
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion: 101 Resp: 381331
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.2 76.8



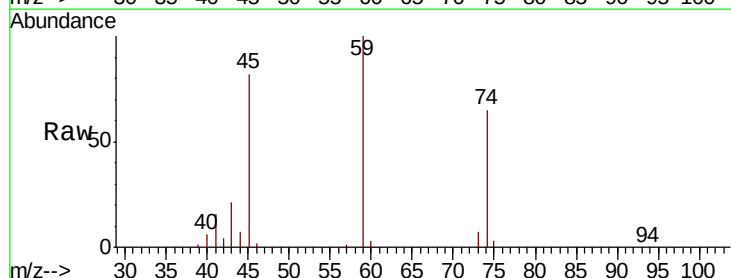
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



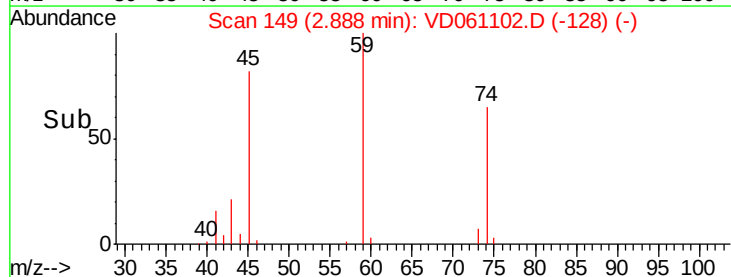
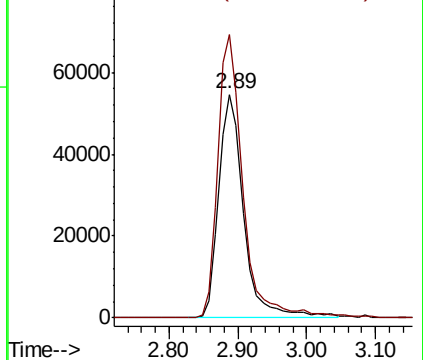
#8

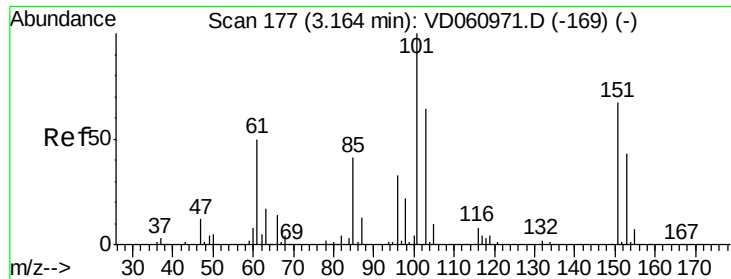
Diethyl Ether
 Concen: 52.853 ug/l
 RT: 2.89 min Scan# 149
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion: 74 Resp: 137487
 Ion Ratio Lower Upper
 74 100
 45 126.6 67.0 201.1



Abundance Ion 74.00 (73.70 to 74.70): VDC
 80000 Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.788 ug/l

RT: 3.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

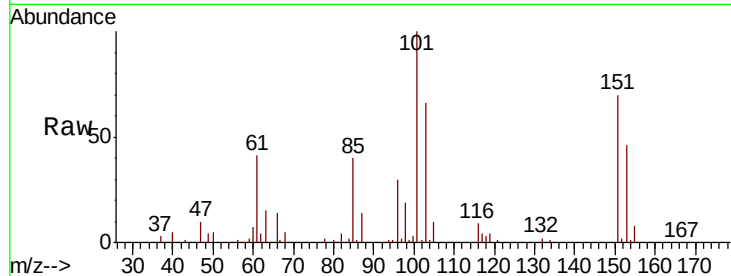
Tgt Ion:101 Resp: 430110

Ion Ratio Lower Upper

101 100

85 39.9 32.5 48.7

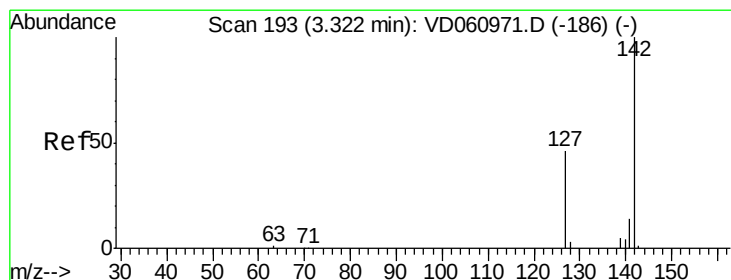
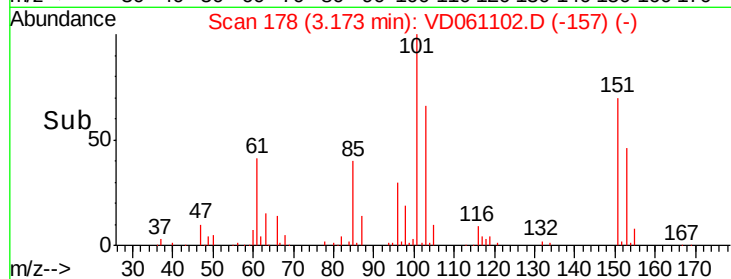
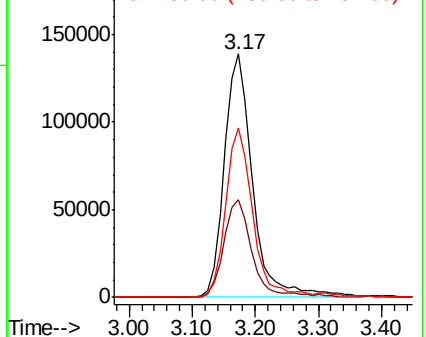
151 69.5 53.3 79.9



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 50.513 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.00 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

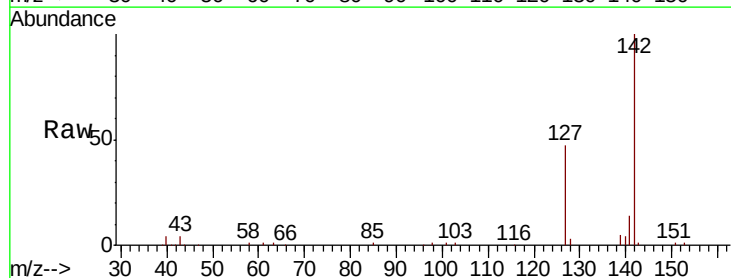
Tgt Ion:142 Resp: 613654

Ion Ratio Lower Upper

142 100

127 47.3 36.8 55.2

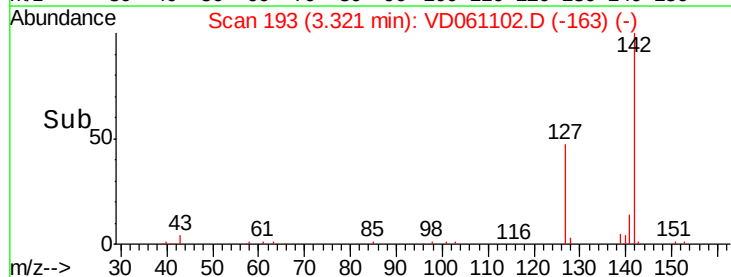
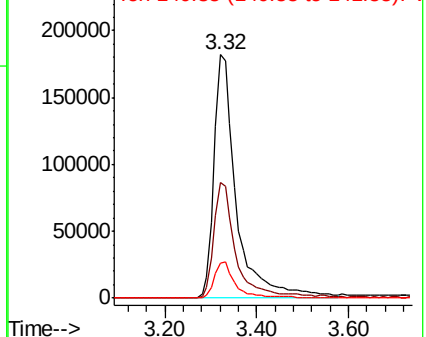
141 14.2 11.2 16.8

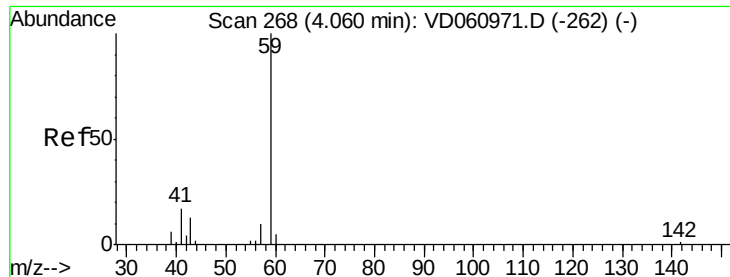


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

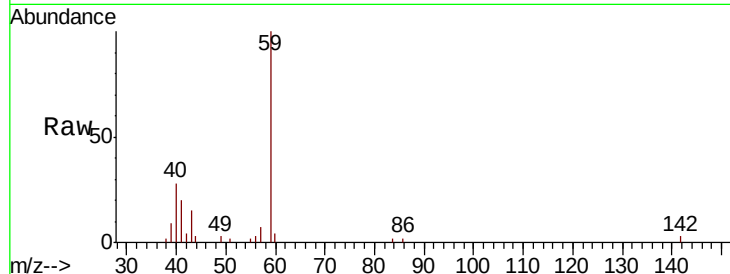




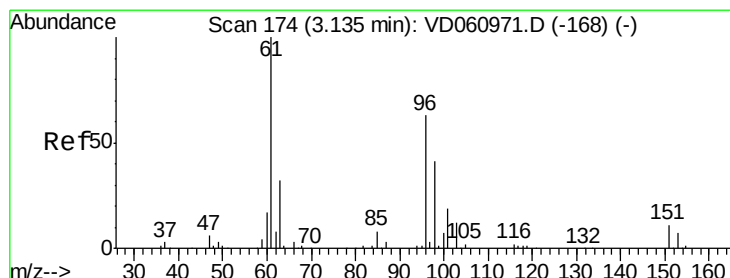
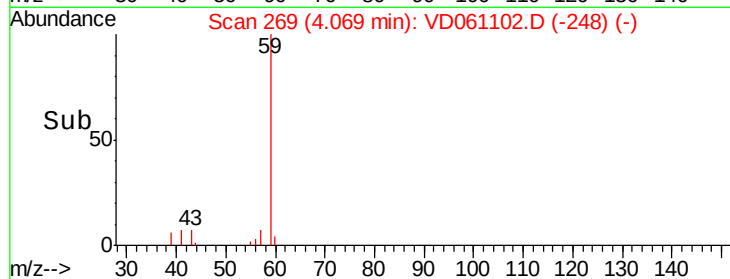
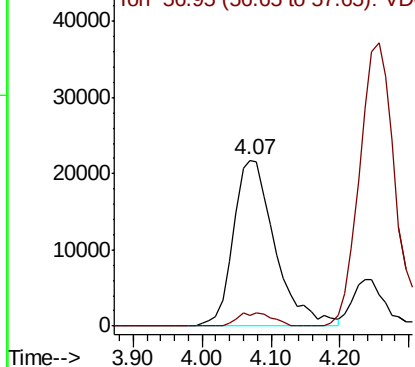
#11

Tert butyl alcohol
Concen: 239.505 ug/l
RT: 4.07 min Scan# 269
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion: 59 Resp: 91367
Ion Ratio Lower Upper
59 100
57 6.8 7.1 10.7#



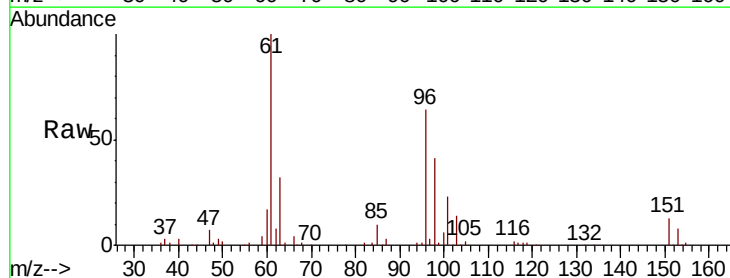
Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC



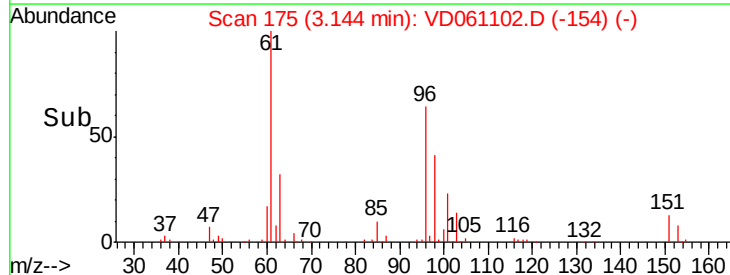
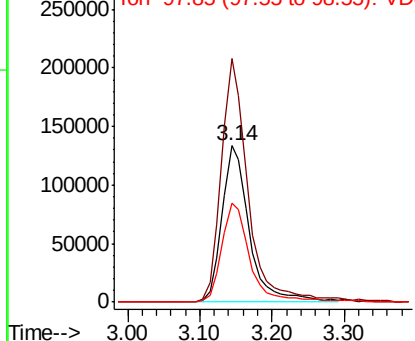
#12

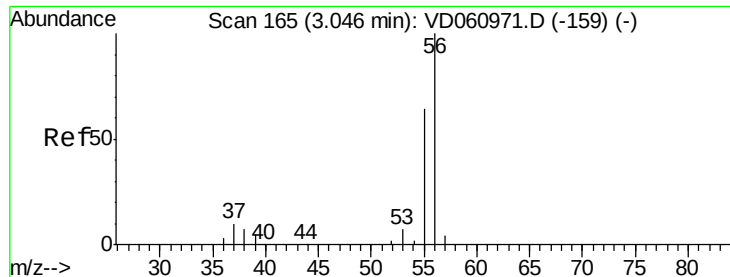
1,1-Dichloroethene
Concen: 48.406 ug/l
RT: 3.14 min Scan# 175
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion: 96 Resp: 349796
Ion Ratio Lower Upper
96 100
61 156.0 127.1 190.7
98 63.4 51.5 77.3



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





#13

Acrolein

Concen: 197.422 ug/l

RT: 3.06 min Scan# 166

Delta R.T. 0.01 min

Lab File: VD061102.D

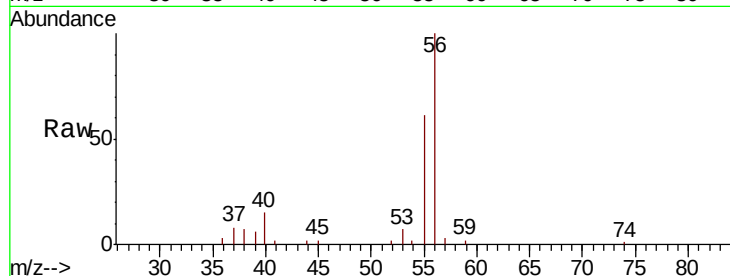
Acq: 16 Mar 2019 11:01

Tgt Ion: 56 Resp: 108971

Ion Ratio Lower Upper

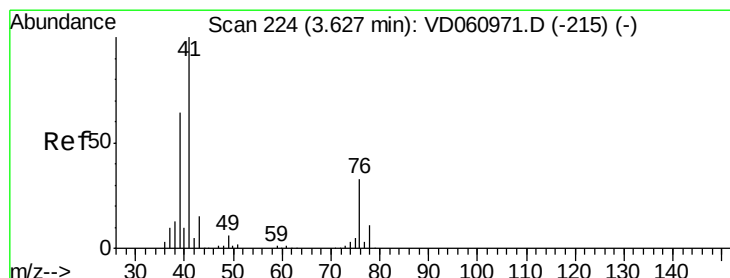
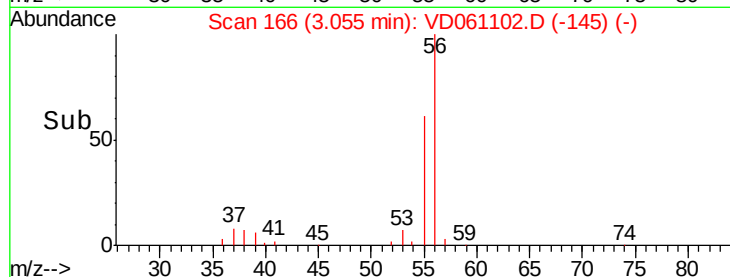
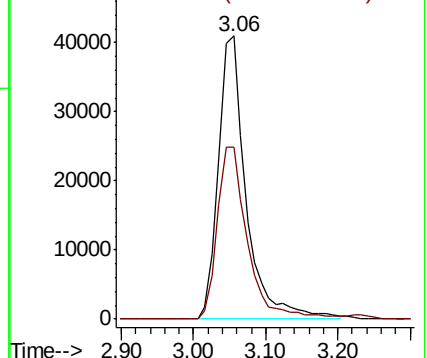
56 100

55 60.6 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 48.685 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

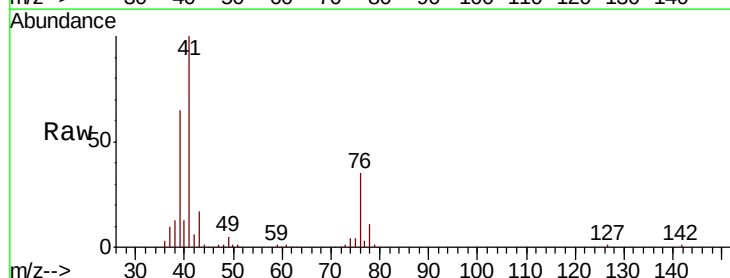
Tgt Ion: 41 Resp: 562894

Ion Ratio Lower Upper

41 100

39 65.2 51.1 76.7

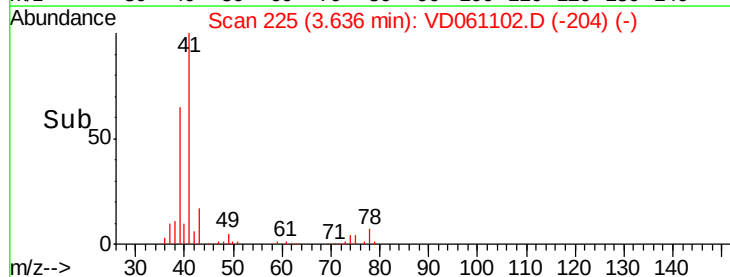
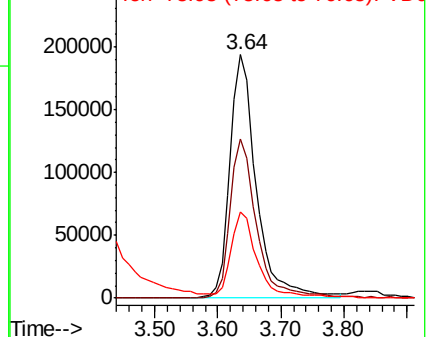
76 35.4 29.1 43.7

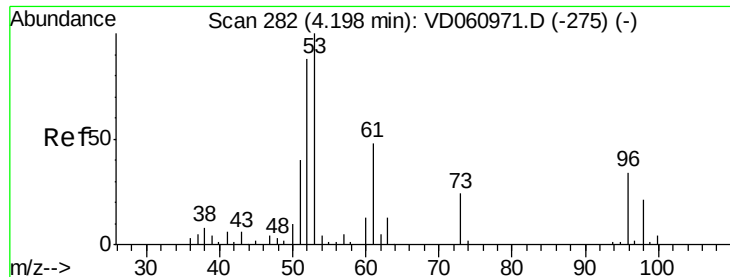


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 252.851 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

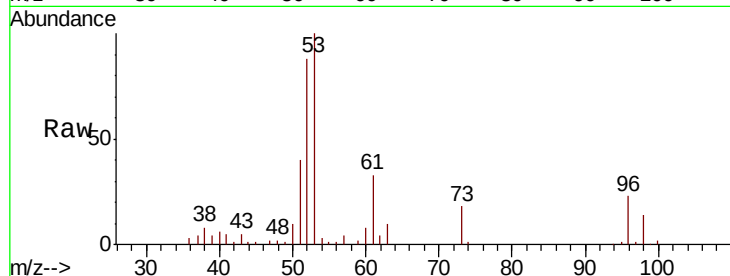
Tgt Ion: 53 Resp: 340915

Ion Ratio Lower Upper

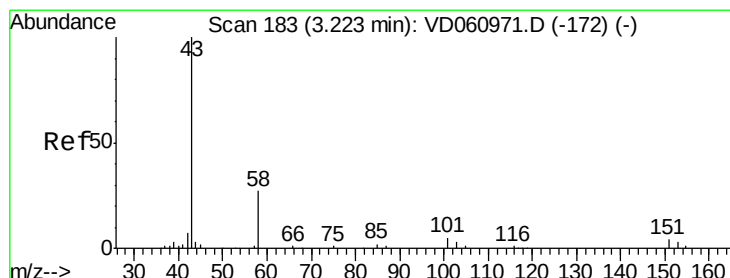
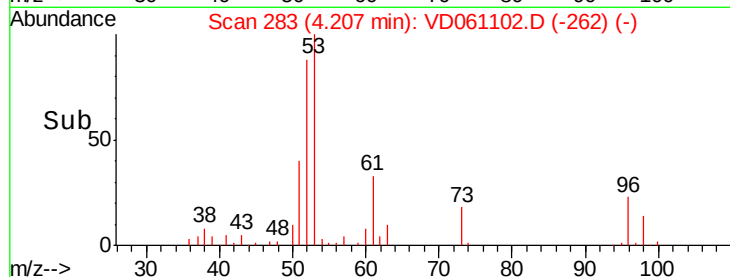
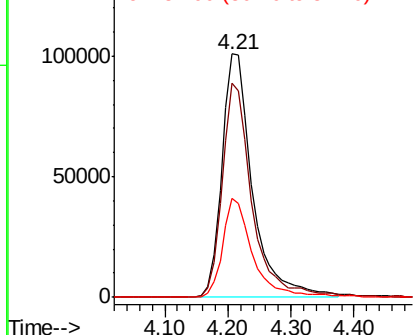
53 100

52 87.7 70.2 105.4

51 40.4 31.7 47.5



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



#16

Acetone

Concen: 267.707 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061102.D

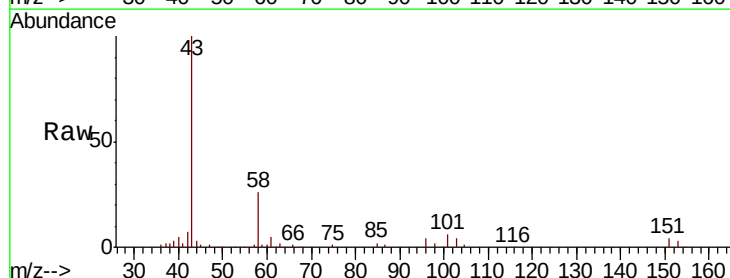
Acq: 16 Mar 2019 11:01

Tgt Ion: 43 Resp: 458731

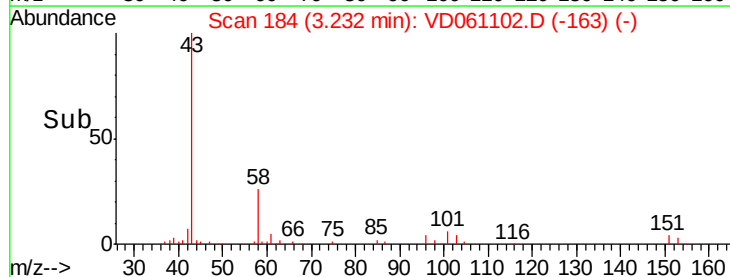
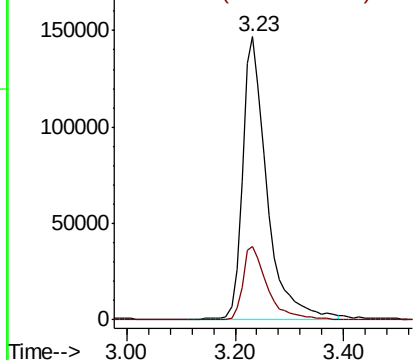
Ion Ratio Lower Upper

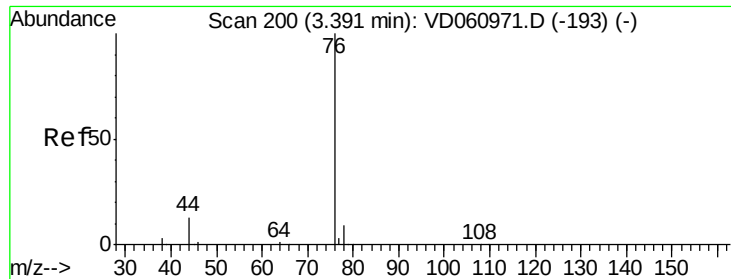
43 100

58 25.9 21.6 32.4



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





#17

Carbon Disulfide

Concen: 44.691 ug/l

RT: 3.40 min Scan# 201

Delta R.T. 0.01 min

Lab File: VD061102.D

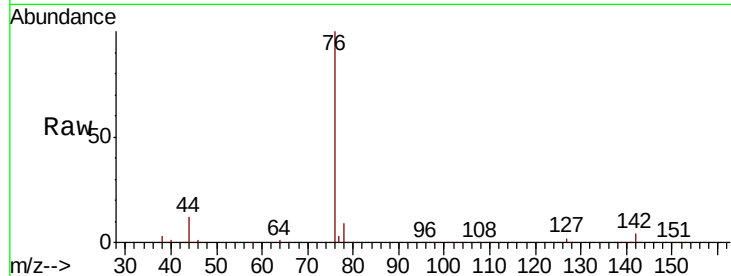
Acq: 16 Mar 2019 11:01

Tgt Ion: 76 Resp: 1089417

Ion Ratio Lower Upper

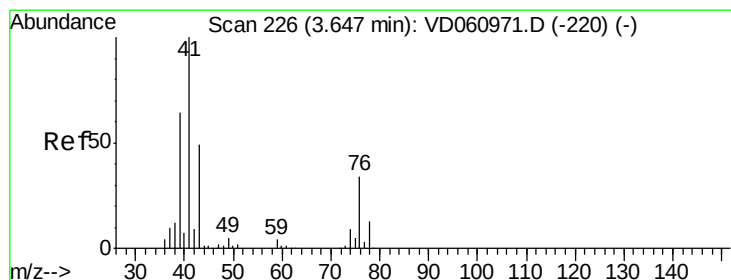
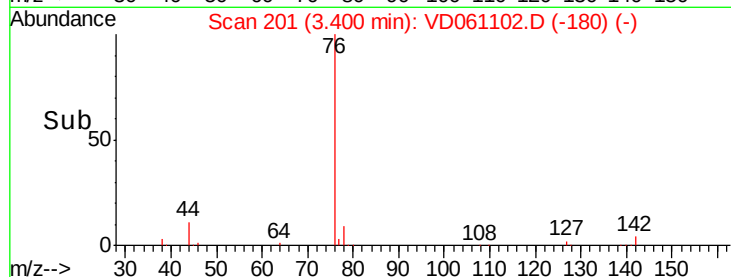
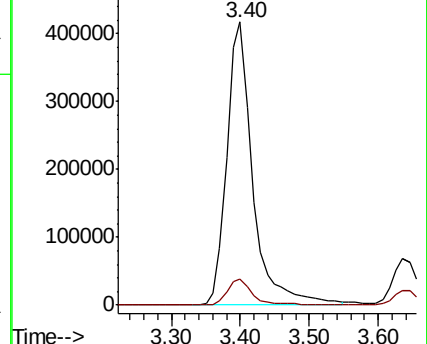
76 100

78 9.2 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 52.728 ug/l

RT: 3.65 min Scan# 226

Delta R.T. -0.00 min

Lab File: VD061102.D

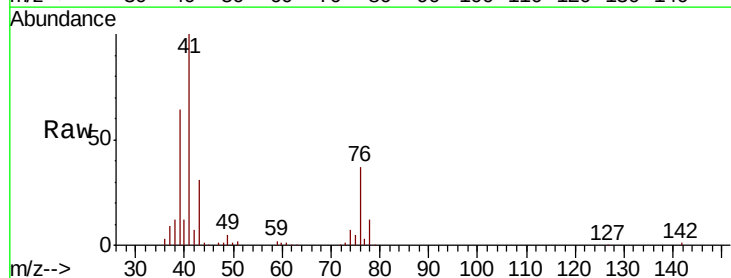
Acq: 16 Mar 2019 11:01

Tgt Ion: 43 Resp: 177812

Ion Ratio Lower Upper

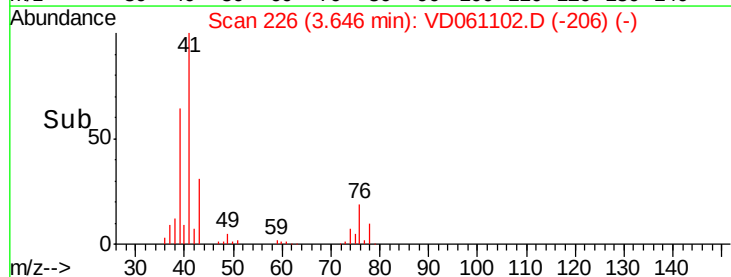
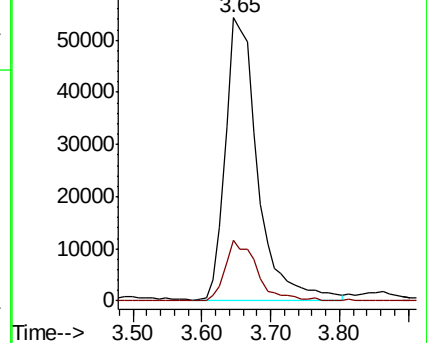
43 100

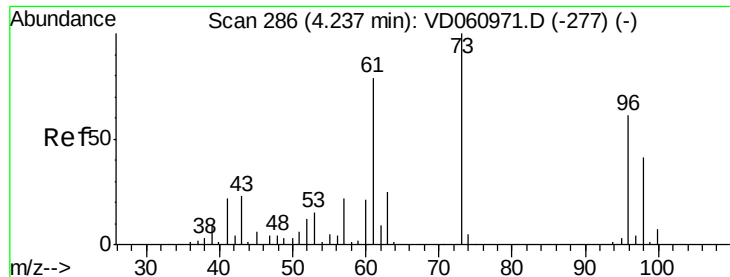
74 21.3 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

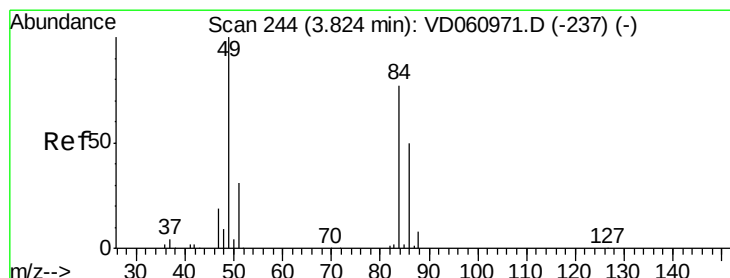
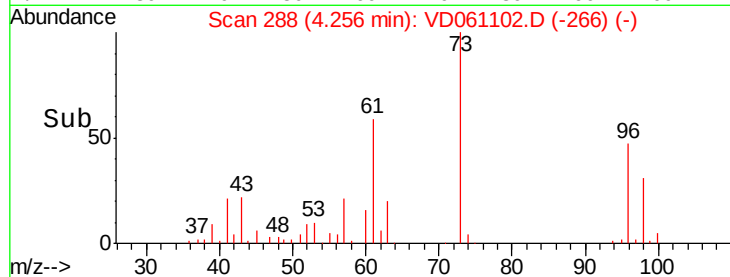
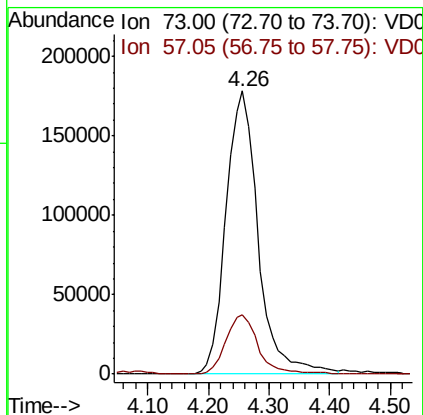
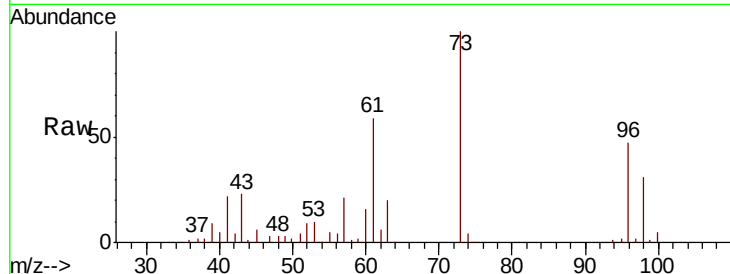




#19

Methyl tert-butyl Ether
 Concen: 52.036 ug/l
 RT: 4.26 min Scan# 288
 Delta R.T. 0.02 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

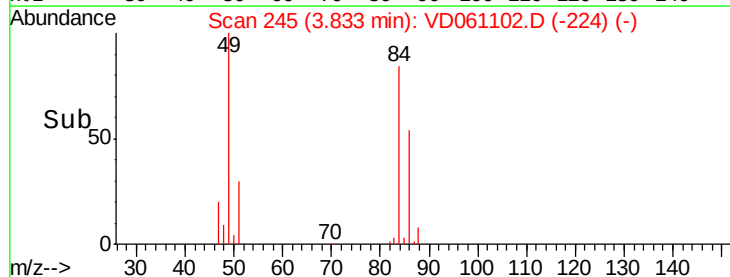
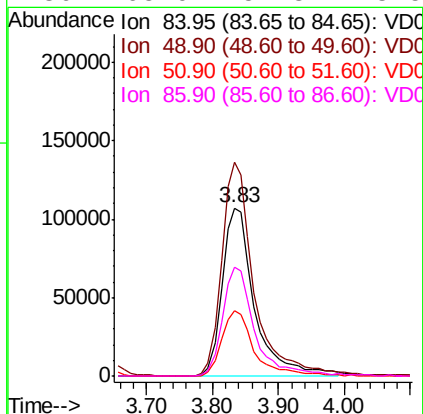
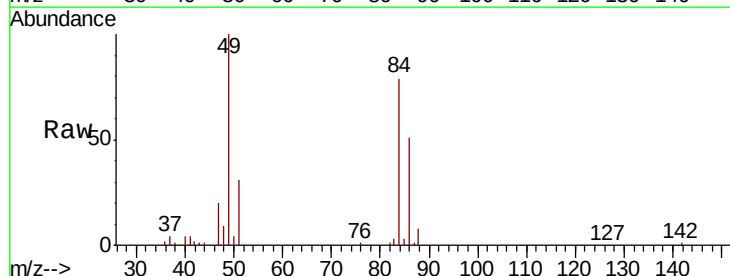
Tgt Ion: 73 Resp: 658995
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.7 26.5

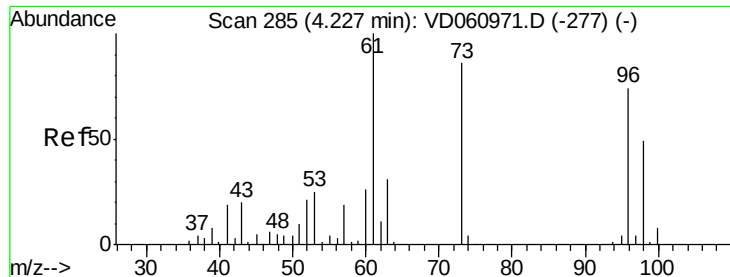


#20

Methylene Chloride
 Concen: 46.603 ug/l
 RT: 3.83 min Scan# 245
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion: 84 Resp: 366593
 Ion Ratio Lower Upper
 84 100
 49 127.2 104.2 156.2
 51 39.0 32.3 48.5
 86 65.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 50.799 ug/l

RT: 4.24 min Scan# 286

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

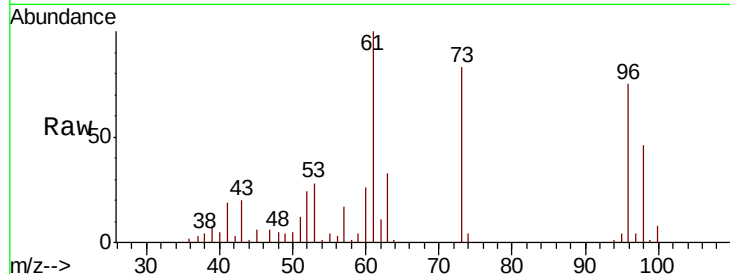
Tgt Ion: 96 Resp: 397325

Ion Ratio Lower Upper

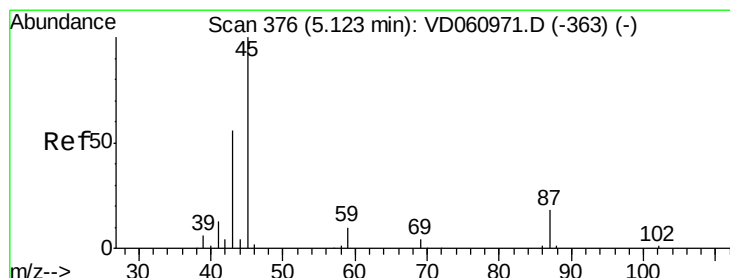
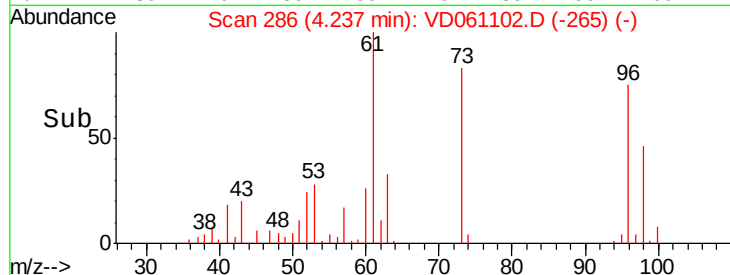
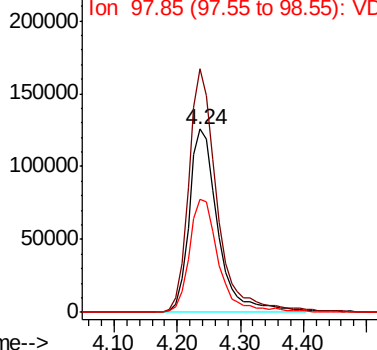
96 100

61 133.1 108.4 162.6

98 61.8 53.0 79.4



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



#22

Diisopropyl ether

Concen: 49.850 ug/l

RT: 5.14 min Scan# 378

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

Tgt Ion: 45 Resp: 1196482

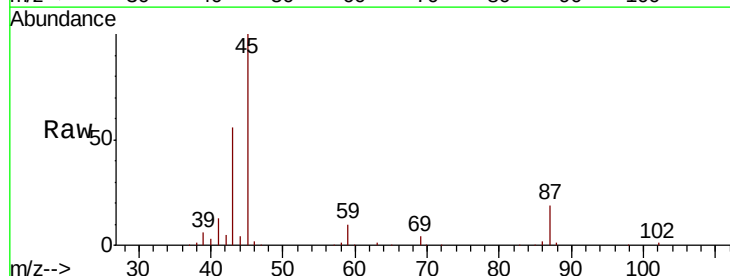
Ion Ratio Lower Upper

45 100

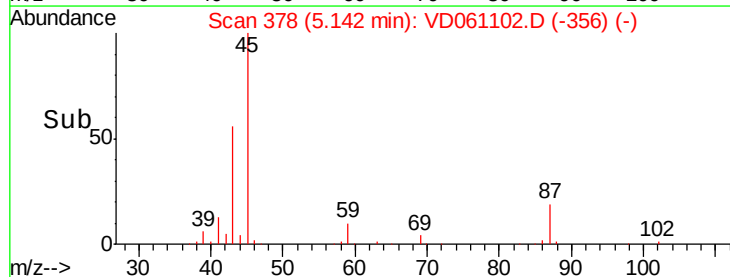
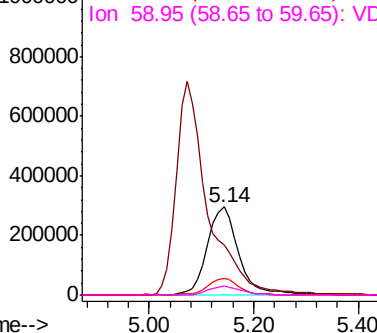
43 56.3 45.8 68.8

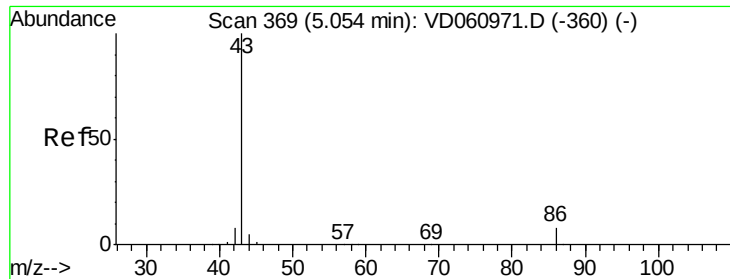
87 19.4 14.9 22.3

59 10.3 8.0 12.0



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





#23

Vinyl Acetate

Concen: 240.885 ug/l

RT: 5.07 min Scan# 371

Delta R.T. 0.02 min

Lab File: VD061102.D

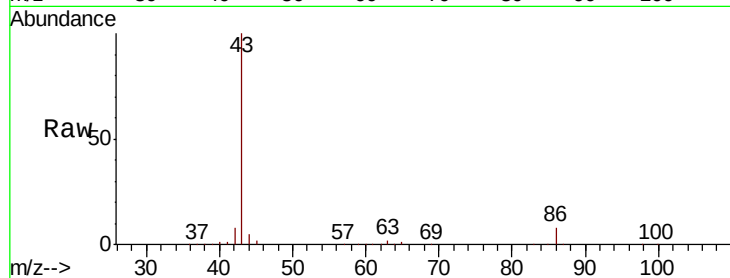
Acq: 16 Mar 2019 11:01

Tgt Ion: 43 Resp: 2967983

Ion Ratio Lower Upper

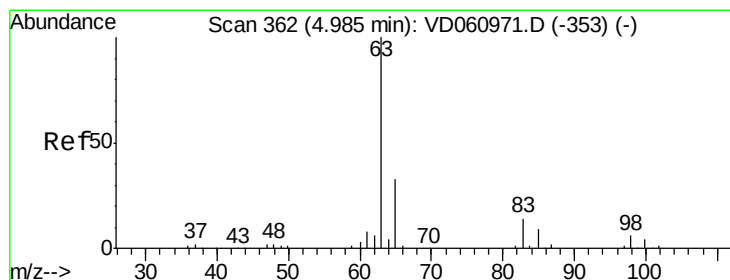
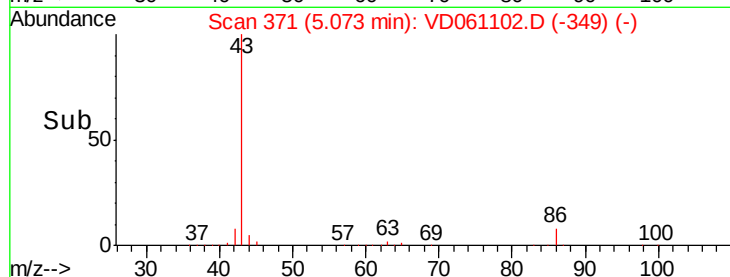
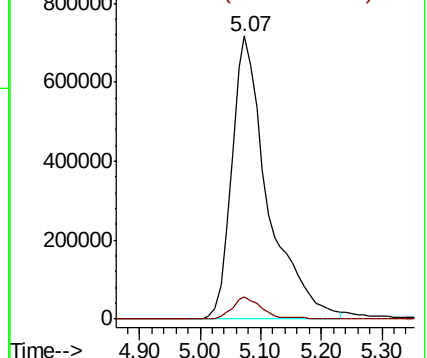
43 100

86 7.8 6.2 9.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.929 ug/l

RT: 5.01 min Scan# 365

Delta R.T. 0.03 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

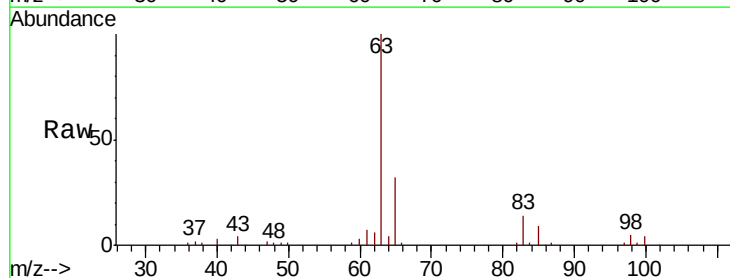
Tgt Ion: 63 Resp: 656591

Ion Ratio Lower Upper

63 100

98 5.3 3.0 9.2

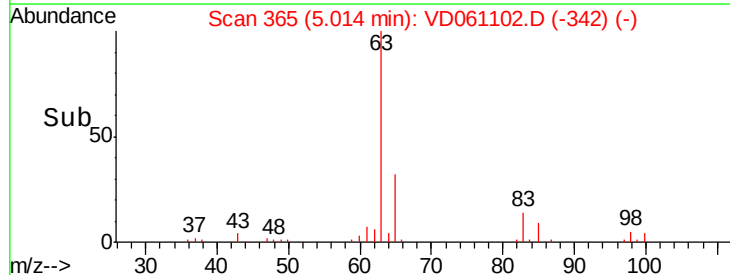
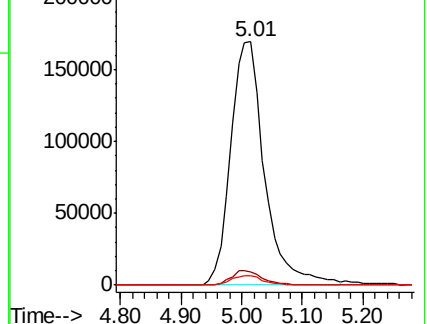
100 3.9 2.0 5.8

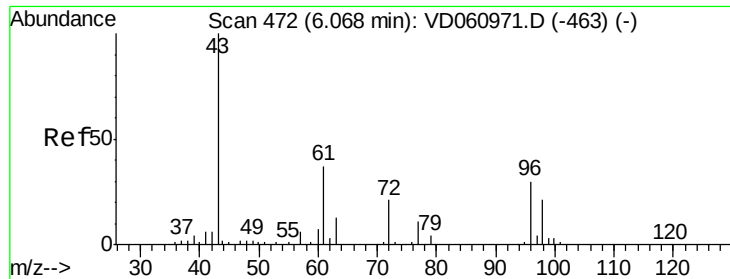


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 281.351 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.02 min

Lab File: VD061102.D

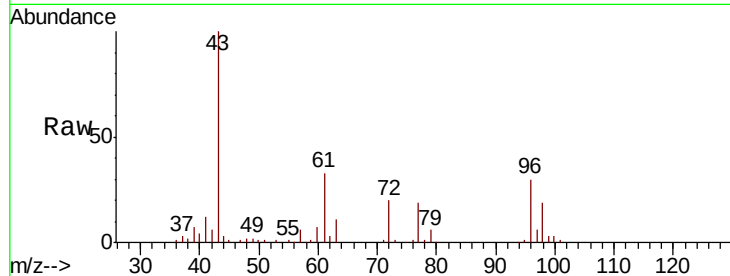
Acq: 16 Mar 2019 11:01

Tgt Ion: 43 Resp: 547063

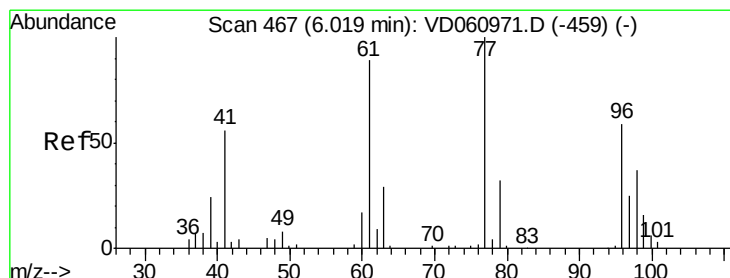
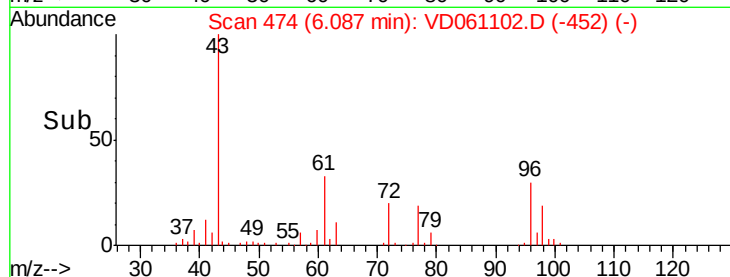
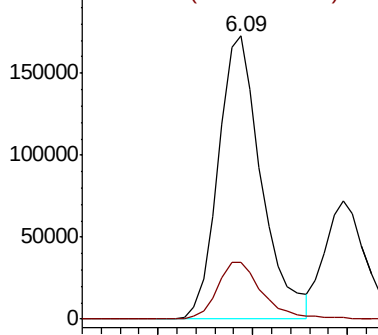
Ion Ratio Lower Upper

43 100

72 19.9 16.7 25.1



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



#26

2,2-Dichloropropane

Concen: 52.930 ug/l

RT: 6.04 min Scan# 469

Delta R.T. 0.02 min

Lab File: VD061102.D

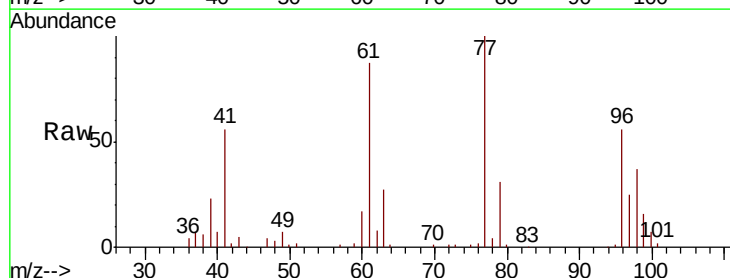
Acq: 16 Mar 2019 11:01

Tgt Ion: 77 Resp: 543382

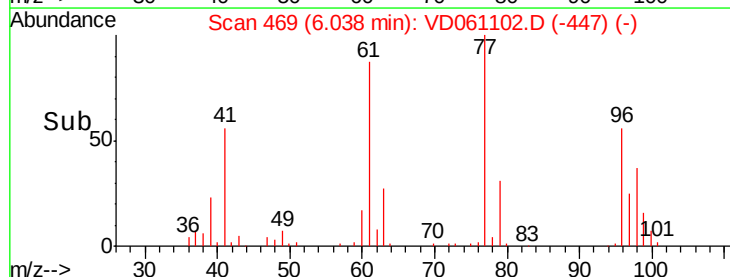
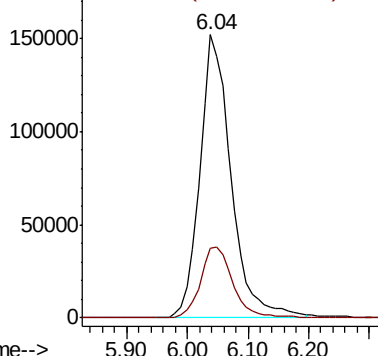
Ion Ratio Lower Upper

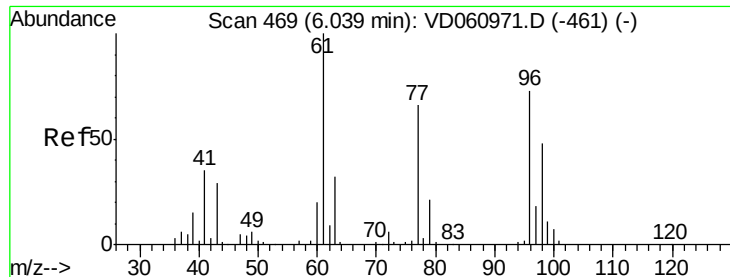
77 100

97 24.7 12.6 37.6



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

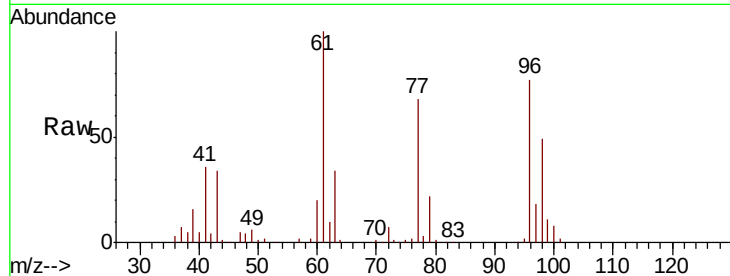




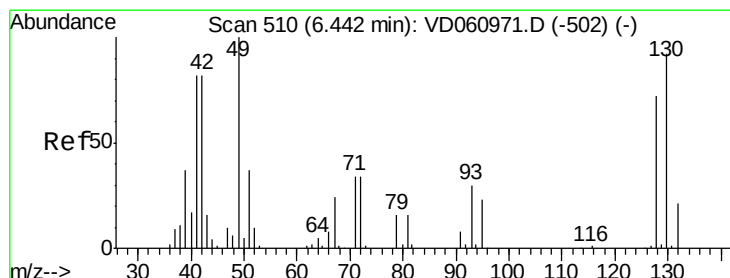
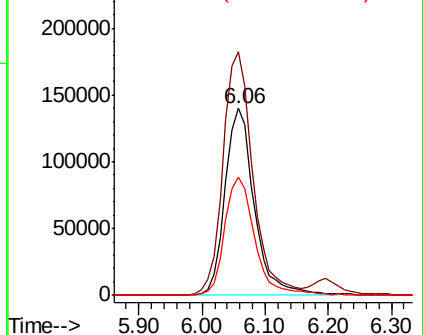
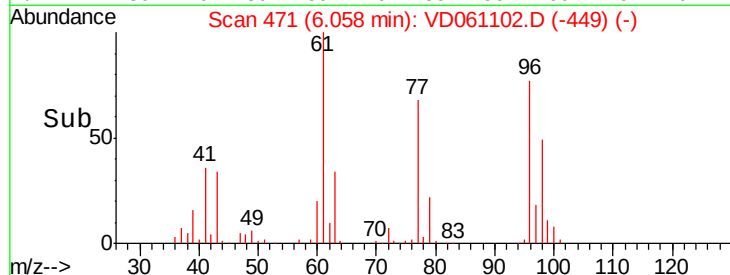
#27

cis-1,2-Dichloroethene
 Concen: 54.240 ug/l
 RT: 6.06 min Scan# 471
 Delta R.T. 0.02 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	273.6
98	63.3	0.0	132.6



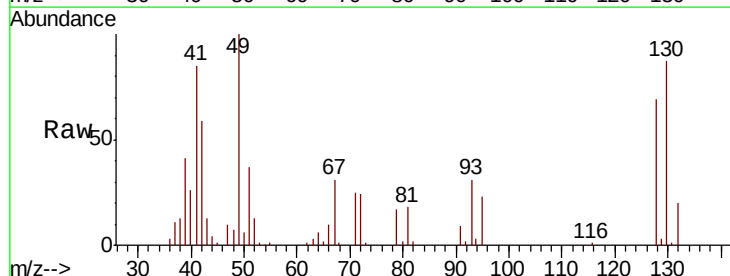
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



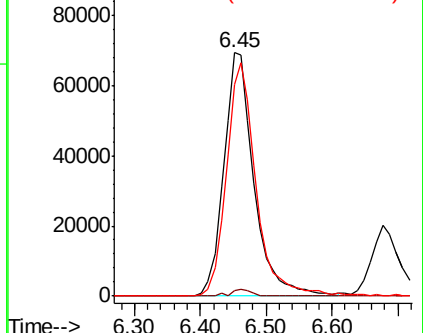
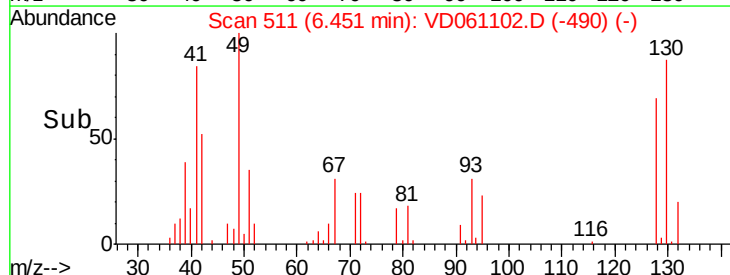
#28

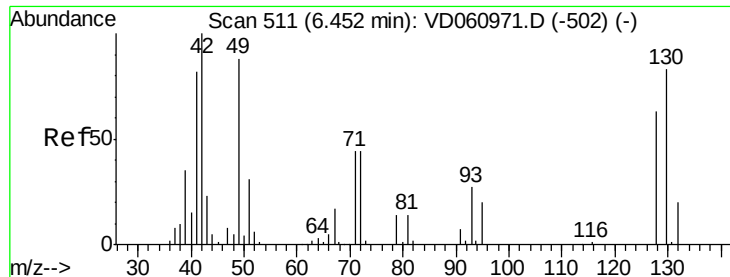
Bromochloromethane
 Concen: 39.836 ug/l
 RT: 6.45 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.0
130	86.7	73.8	110.8



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





#29

Tetrahydrofuran

Concen: 219.973 ug/l

RT: 6.47 min Scan# 513

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

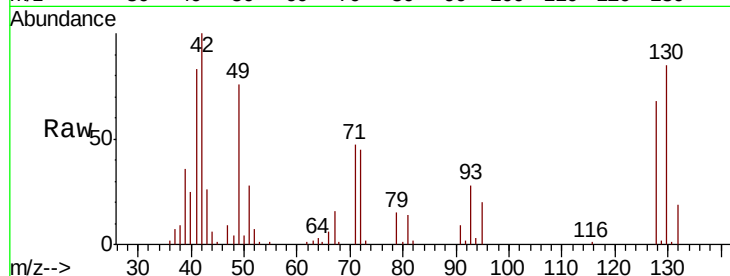
Tgt Ion: 42 Resp: 232251

Ion Ratio Lower Upper

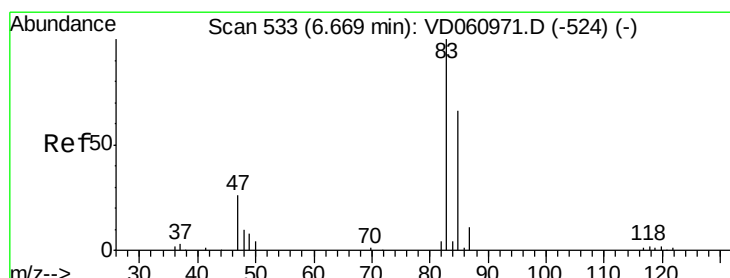
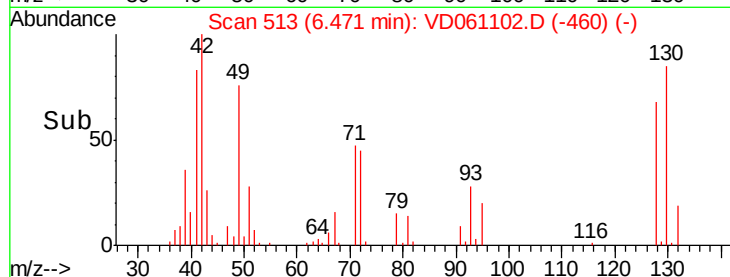
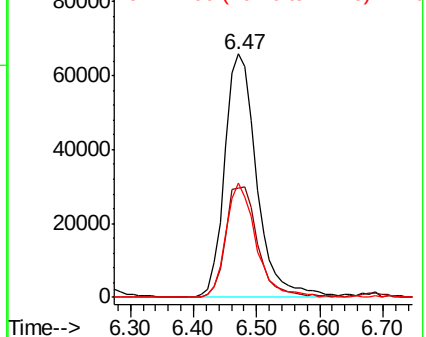
42 100

72 45.5 34.5 51.7

71 44.1 33.8 50.6



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



#30

Chloroform

Concen: 50.793 ug/l

RT: 6.68 min Scan# 534

Delta R.T. 0.01 min

Lab File: VD061102.D

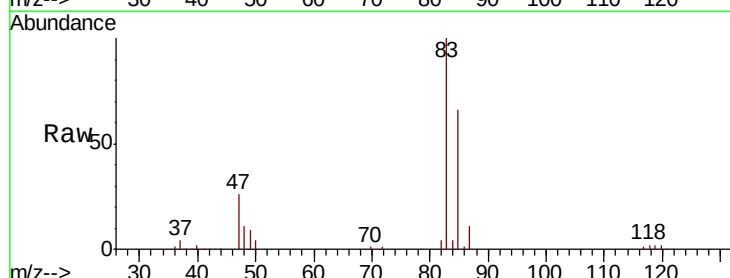
Acq: 16 Mar 2019 11:01

Tgt Ion: 83 Resp: 692281

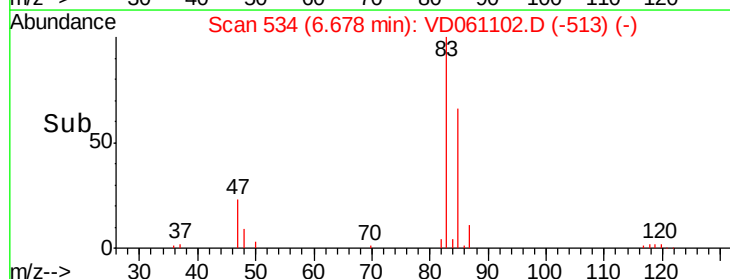
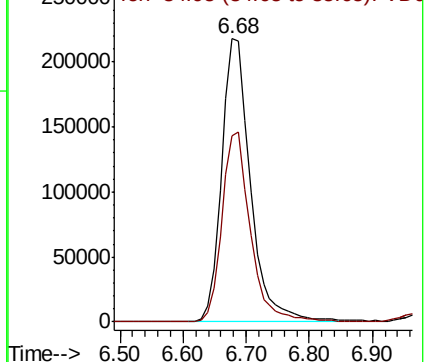
Ion Ratio Lower Upper

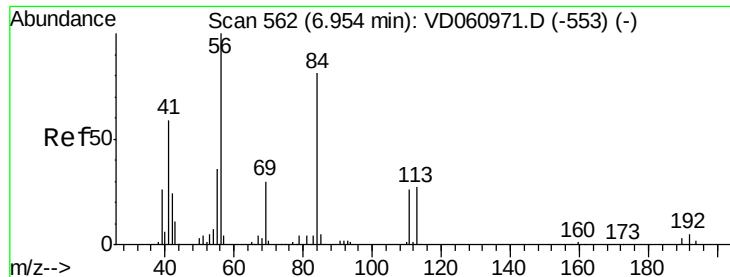
83 100

85 65.7 53.0 79.4



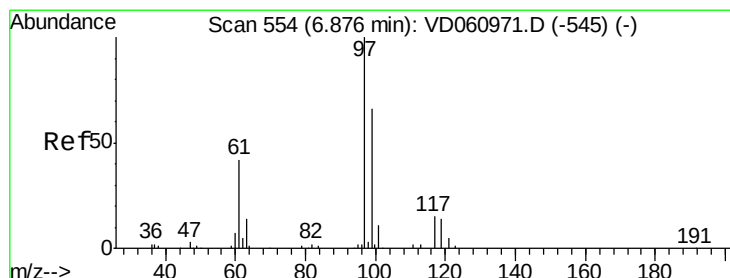
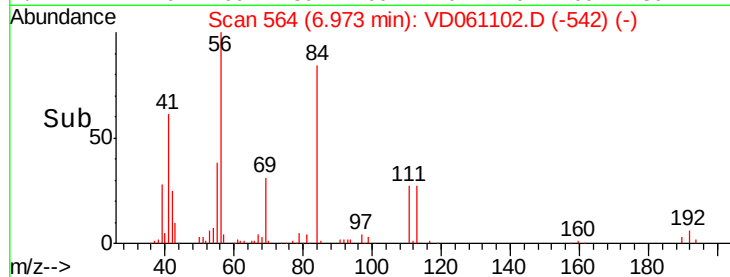
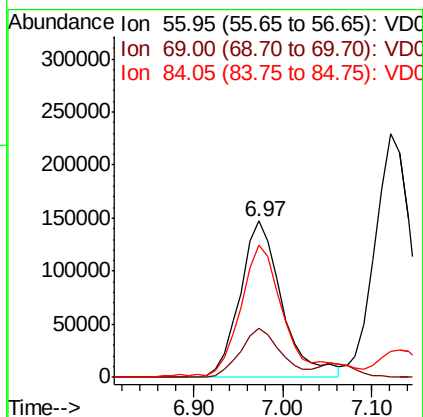
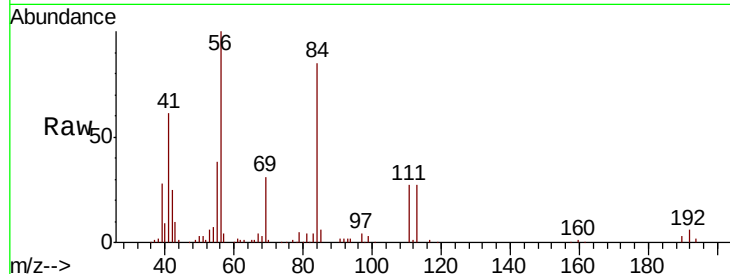
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





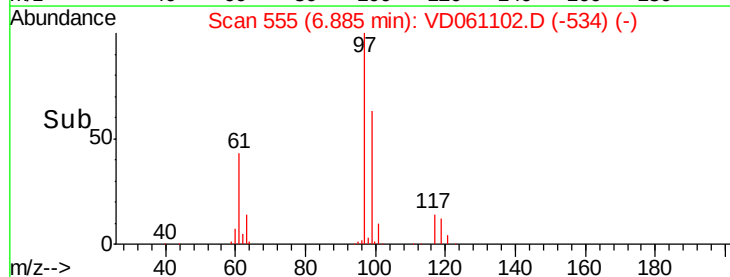
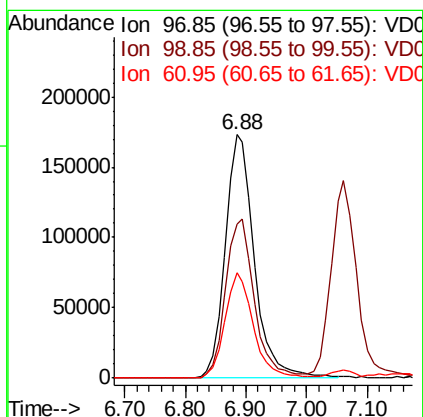
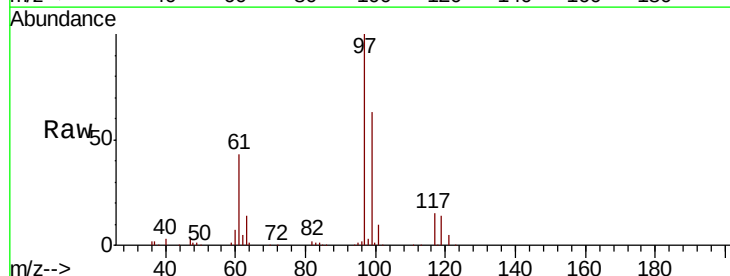
#31
Cyclohexane
Concen: 45.310 ug/l
RT: 6.97 min Scan# 564
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

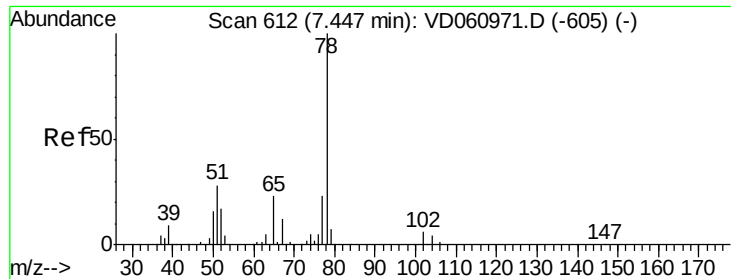
Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.0	36.0
84	84.6	65.8	98.6



#32
1,1,1-Trichloroethane
Concen: 48.808 ug/l
RT: 6.88 min Scan# 555
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

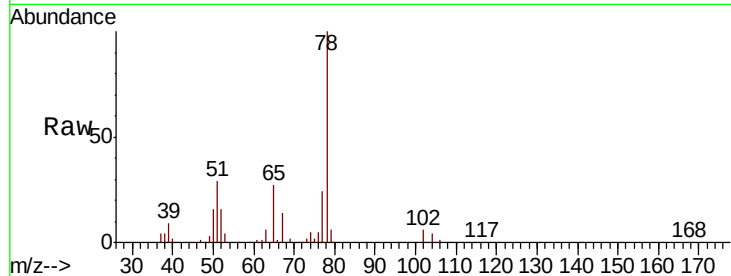
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	53.2	79.8
61	43.5	33.8	50.8



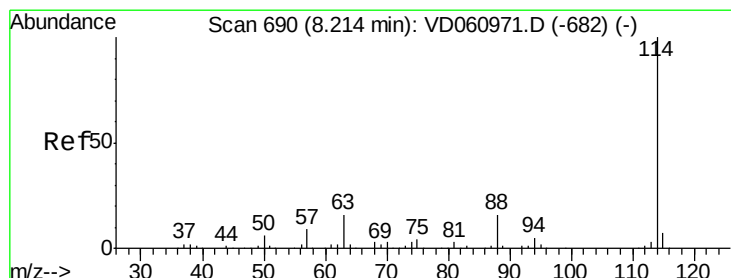
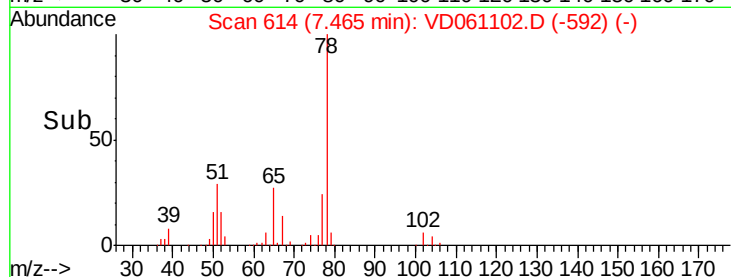
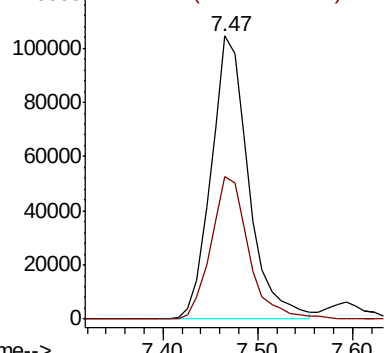


#33
 1,2-Dichloroethane-d4
 Concen: 48.808 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion: 65 Resp: 284942
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.2

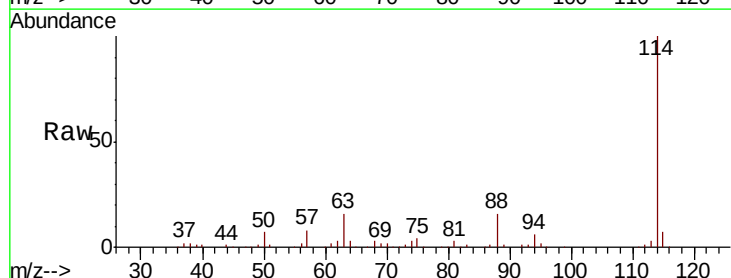


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

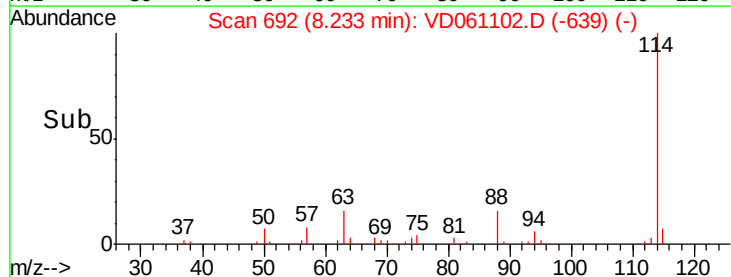
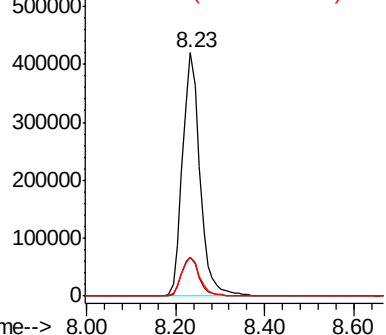


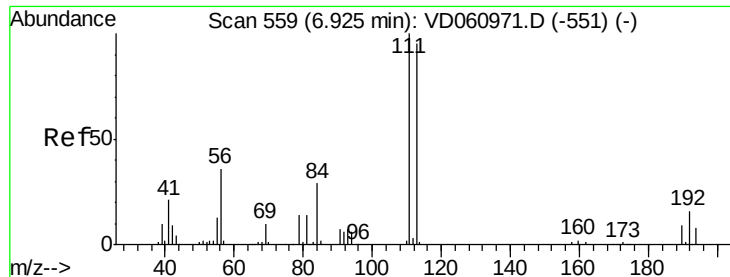
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion: 114 Resp: 1141134
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.4
 88 16.2 0.0 33.0



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: 50.000 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

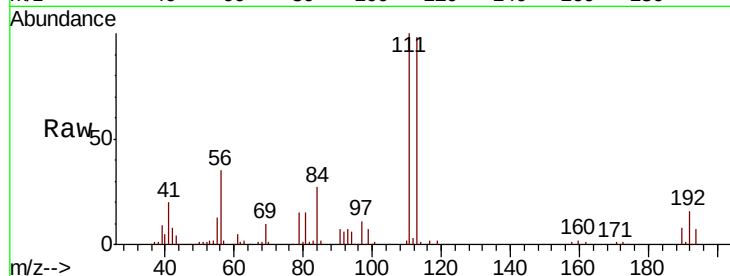
Tgt Ion: 113 Resp: 443926

Ion Ratio Lower Upper

113 100

111 101.7 84.2 126.4

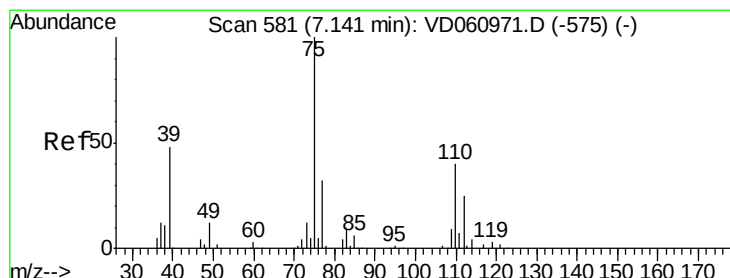
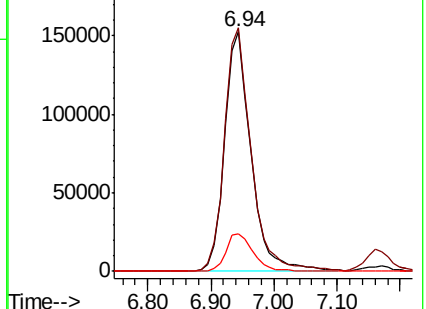
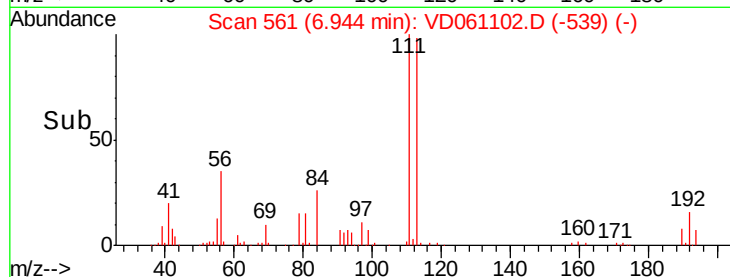
192 15.9 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 52.276 ug/l

RT: 7.16 min Scan# 583

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

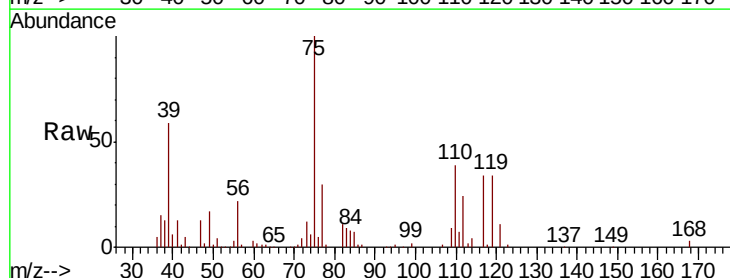
Tgt Ion: 75 Resp: 514212

Ion Ratio Lower Upper

75 100

110 38.5 19.7 59.1

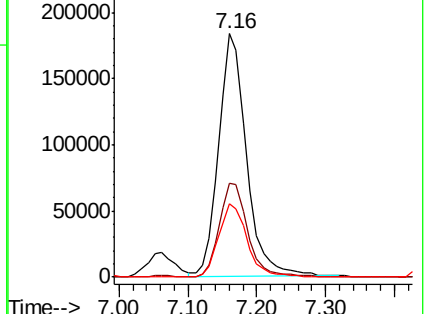
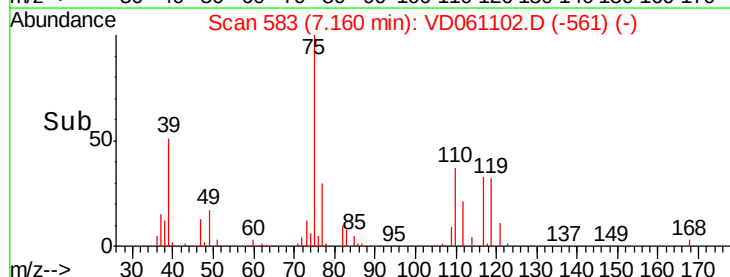
77 30.1 24.7 37.1

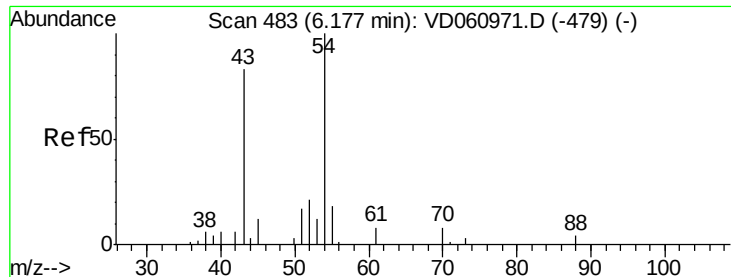


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 48.911 ug/l

RT: 6.20 min Scan# 485

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

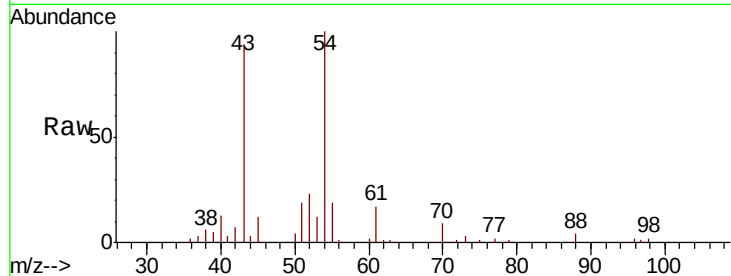
Tgt Ion: 43 Resp: 225768

Ion Ratio Lower Upper

43 100

61 17.7 13.7 20.5

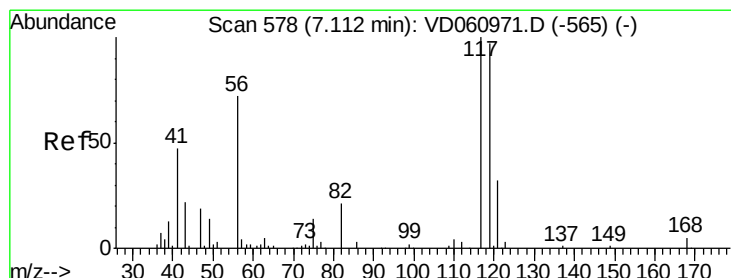
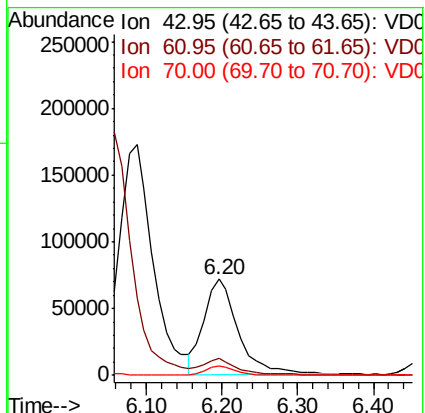
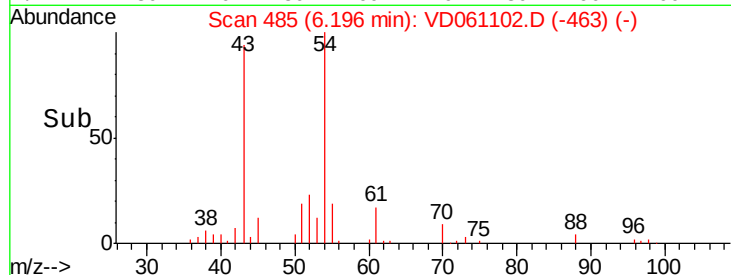
70 9.1 7.1 10.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 53.443 ug/l

RT: 7.13 min Scan# 580

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

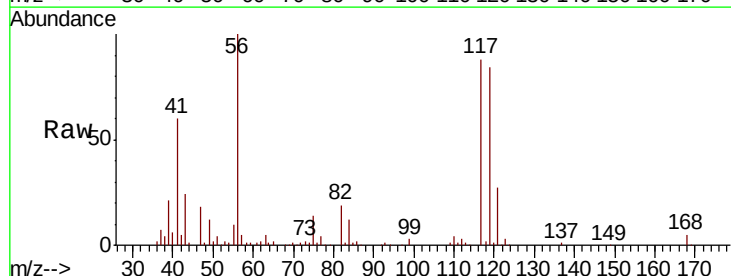
Tgt Ion: 117 Resp: 579056

Ion Ratio Lower Upper

117 100

119 96.1 77.8 116.8

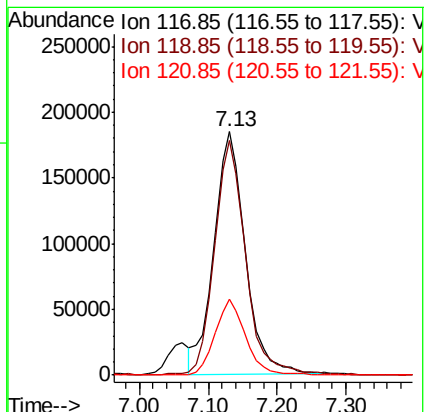
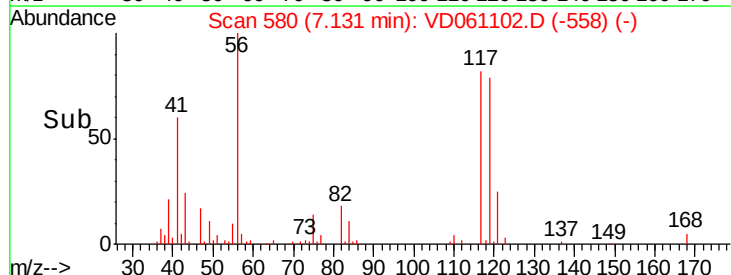
121 31.0 25.3 37.9

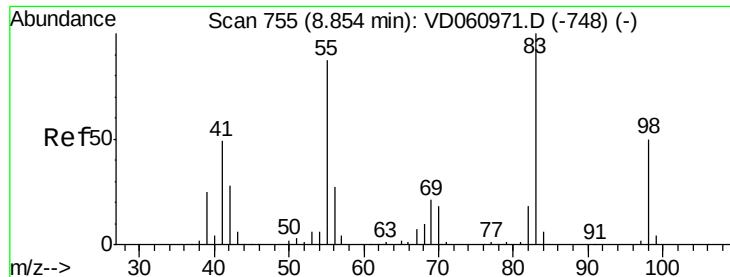


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

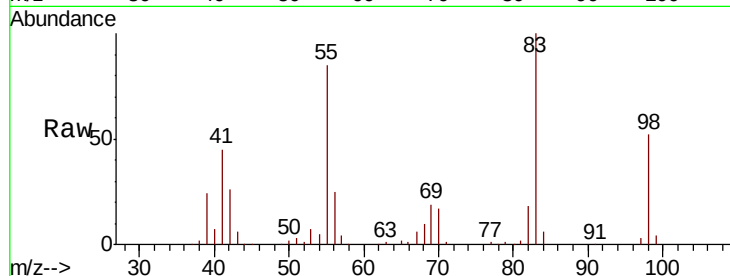
Ion 120.85 (120.55 to 121.55): V



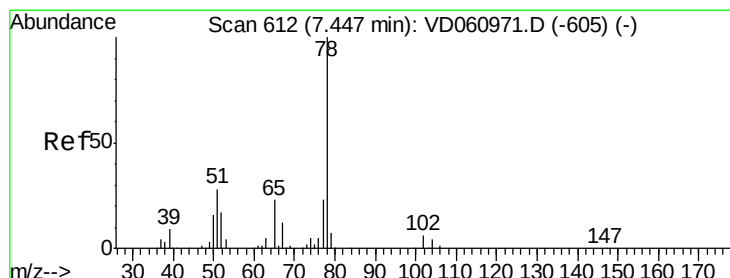
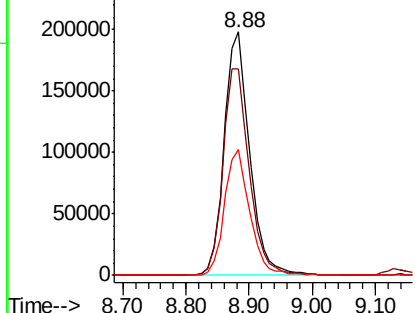
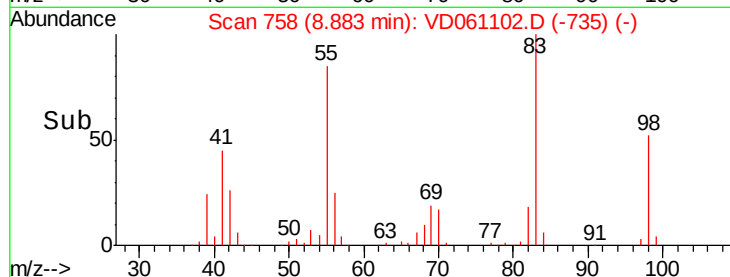


#39
Methylcyclohexane
Concen: 54.419 ug/l
RT: 8.88 min Scan# 758
Delta R.T. 0.03 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion: 83 Resp: 555050
Ion Ratio Lower Upper
83 100
55 84.6 69.6 104.4
98 51.8 40.0 60.0

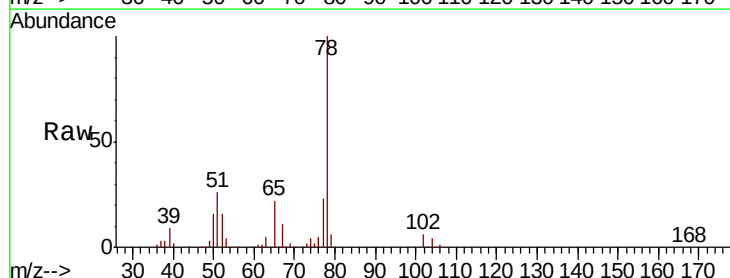


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

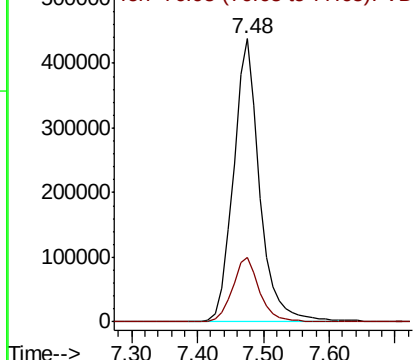
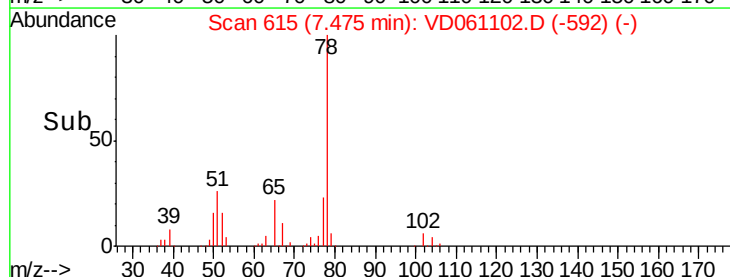


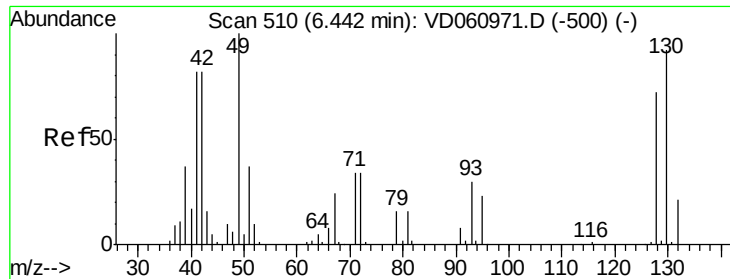
#40
Benzene
Concen: 49.669 ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion: 78 Resp: 1220798
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2



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





#41

Methacrylonitrile

Concen: 48.798 ug/l

RT: 6.46 min Scan# 512

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

Tgt Ion: 41 Resp: 259083

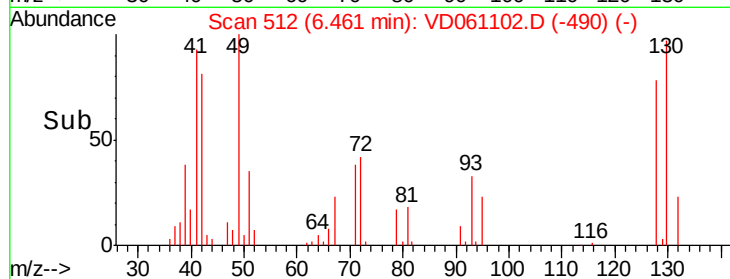
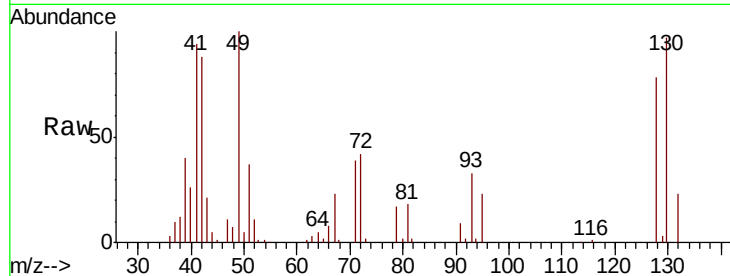
Ion Ratio Lower Upper

41 100

39 42.1 35.7 53.5

67 24.7 23.0 34.6

52 11.3 9.2 13.8

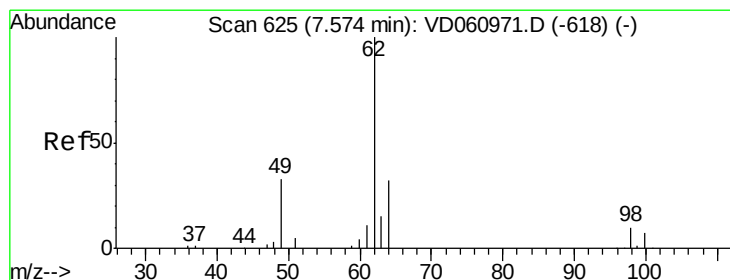
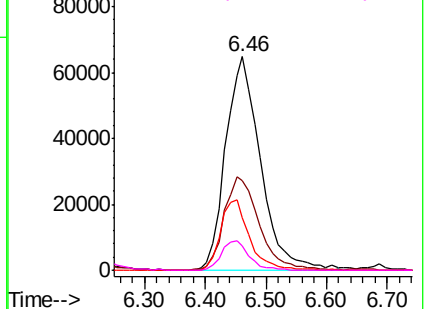


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 52.765 ug/l

RT: 7.59 min Scan# 627

Delta R.T. 0.02 min

Lab File: VD061102.D

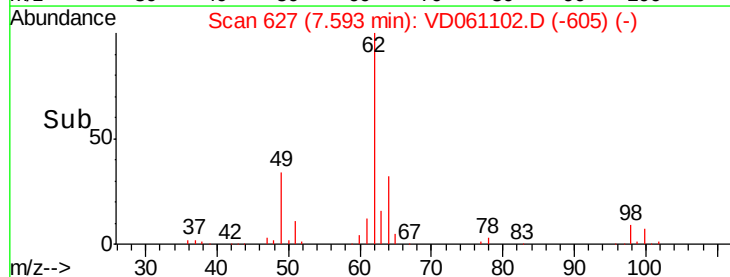
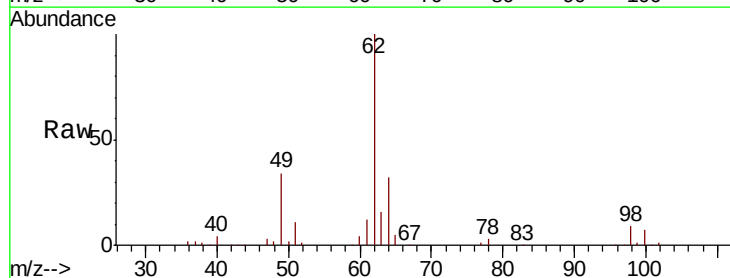
Acq: 16 Mar 2019 11:01

Tgt Ion: 62 Resp: 376357

Ion Ratio Lower Upper

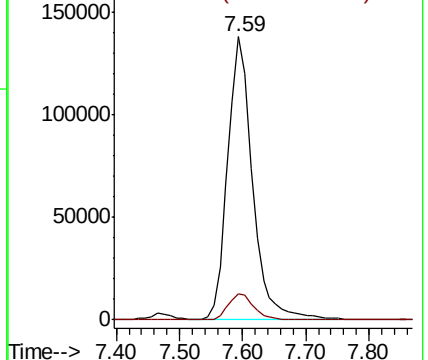
62 100

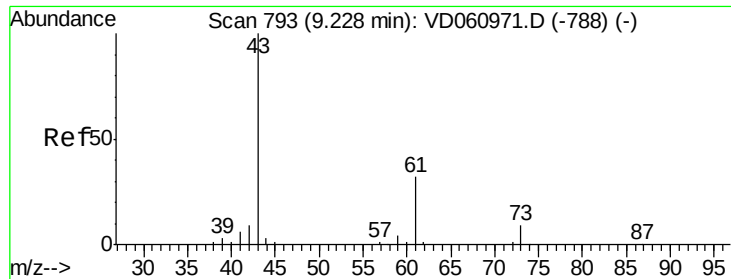
98 9.4 0.0 20.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 51.119 ug/l

RT: 9.25 min Scan# 795

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

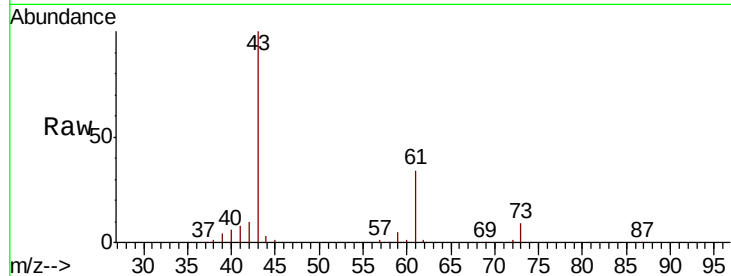
Tgt Ion: 43 Resp: 326812

Ion Ratio Lower Upper

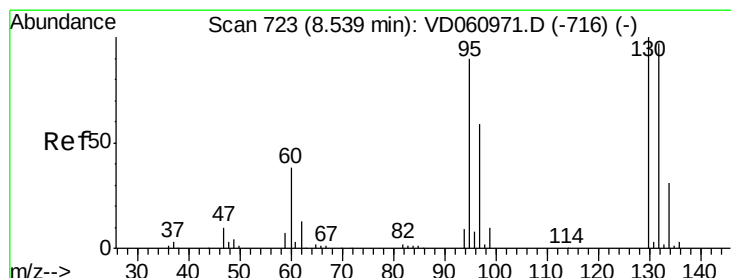
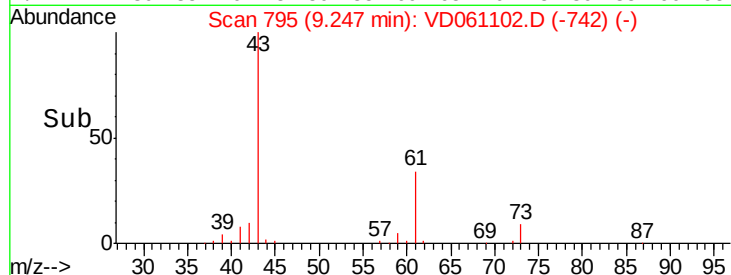
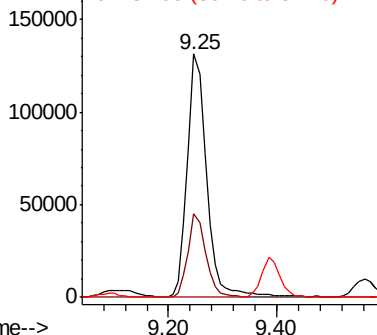
43 100

61 34.2 25.6 38.4

87 0.3 0.2 0.4



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



#44

Trichloroethene

Concen: 53.646 ug/l

RT: 8.56 min Scan# 725

Delta R.T. 0.02 min

Lab File: VD061102.D

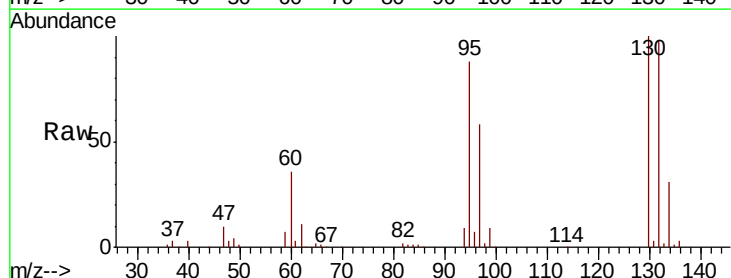
Acq: 16 Mar 2019 11:01

Tgt Ion: 130 Resp: 454891

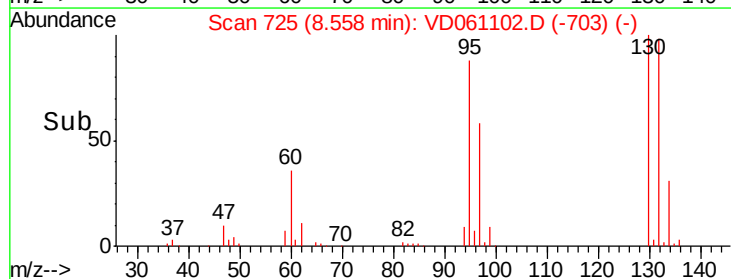
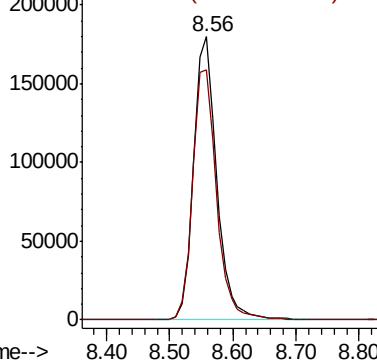
Ion Ratio Lower Upper

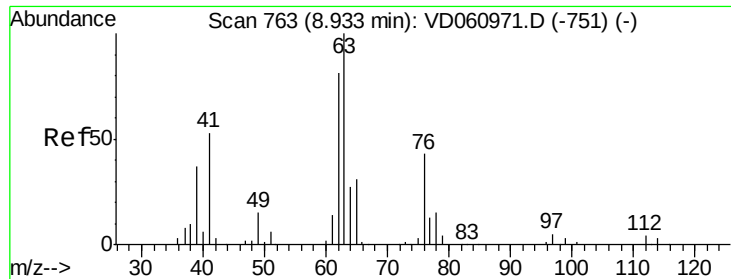
130 100

95 88.4 0.0 179.4



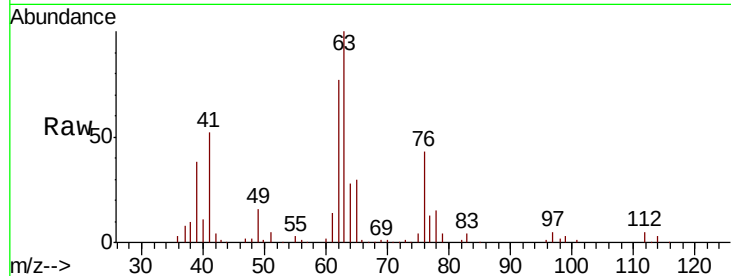
Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC



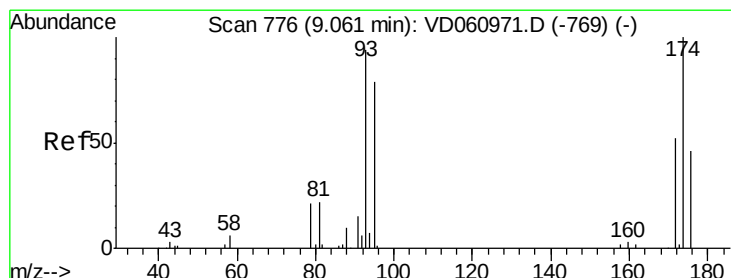
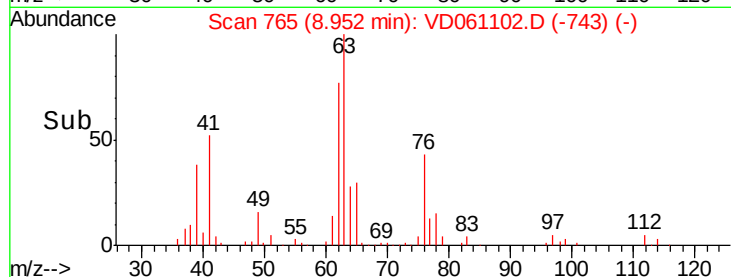
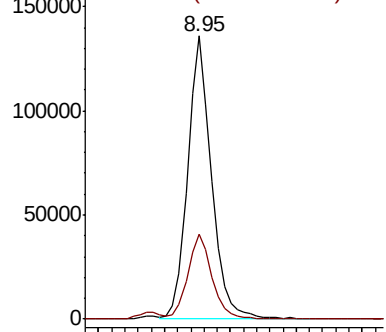


#45
 1,2-Dichloropropane
 Concen: 52.600 ug/l
 RT: 8.95 min Scan# 765
 Delta R.T. 0.02 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion: 63 Resp: 339658
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.8 37.2

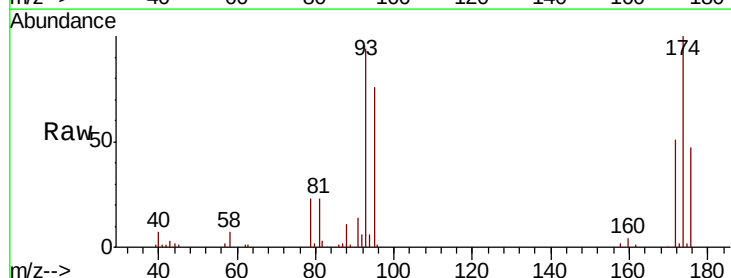


Abundance Ion 62.95 (62.65 to 63.65): VDC
 Ion 64.95 (64.65 to 65.65): VDC

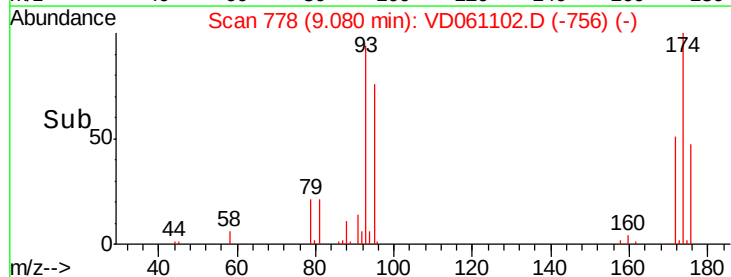
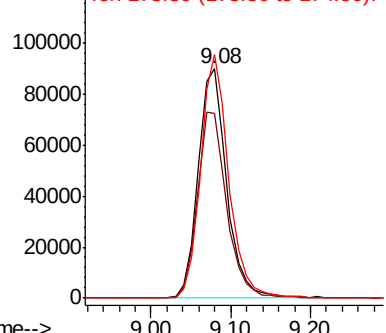


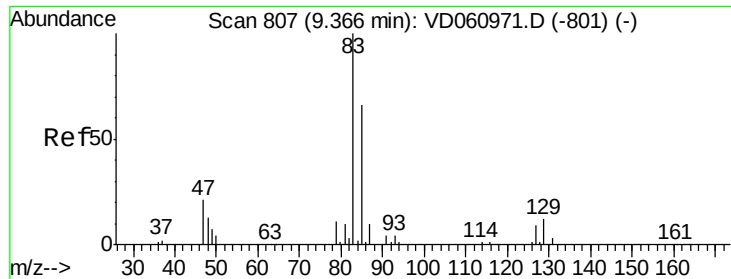
#46
 Dibromomethane
 Concen: 55.110 ug/l
 RT: 9.08 min Scan# 778
 Delta R.T. 0.02 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion: 93 Resp: 225733
 Ion Ratio Lower Upper
 93 100
 95 80.7 67.4 101.0
 174 106.1 85.4 128.0



Abundance Ion 92.90 (92.60 to 93.60): VDC
 Ion 94.90 (94.60 to 95.60): VDC
 Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 53.557 ug/l

RT: 9.39 min Scan# 809

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

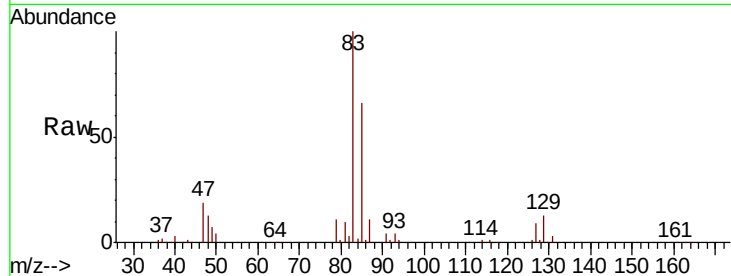
Tgt Ion: 83 Resp: 495040

Ion Ratio Lower Upper

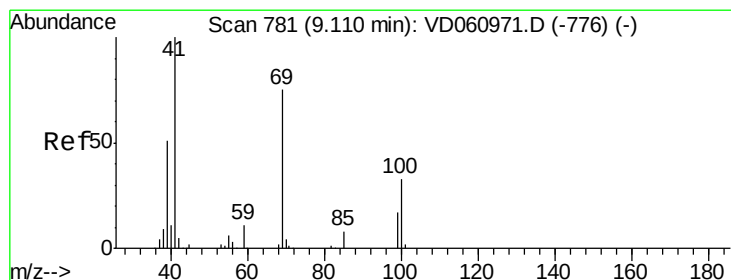
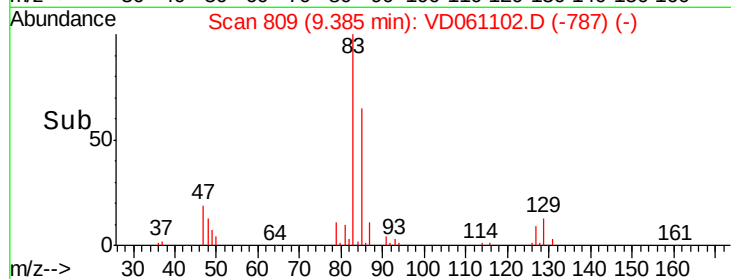
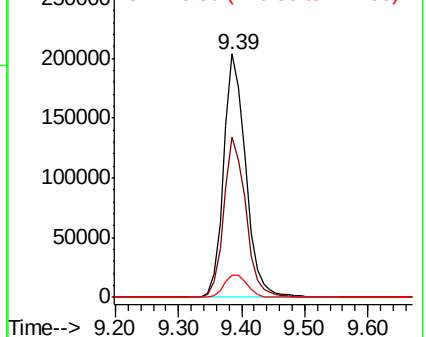
83 100

85 65.8 52.5 78.7

127 9.3 7.5 11.3



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



#48

Methyl methacrylate

Concen: 52.388 ug/l

RT: 9.13 min Scan# 783

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

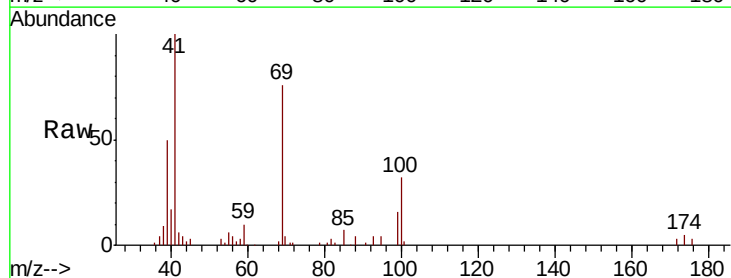
Tgt Ion: 41 Resp: 188573

Ion Ratio Lower Upper

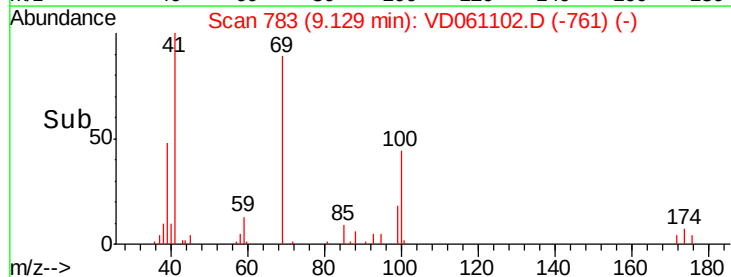
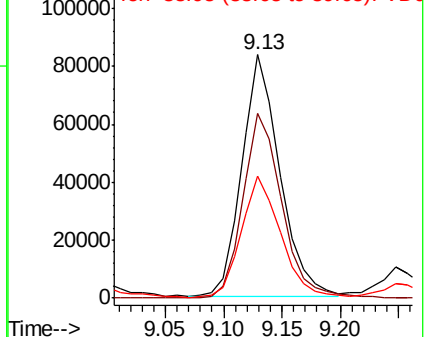
41 100

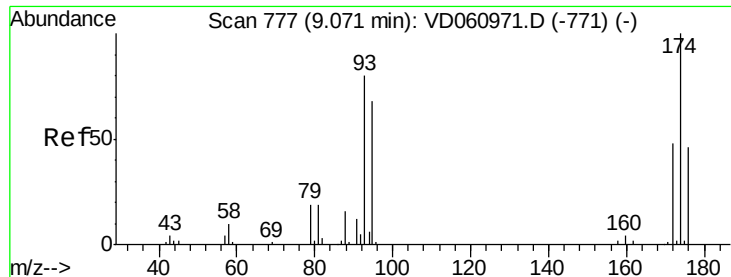
69 76.1 59.9 89.9

39 49.9 40.9 61.3



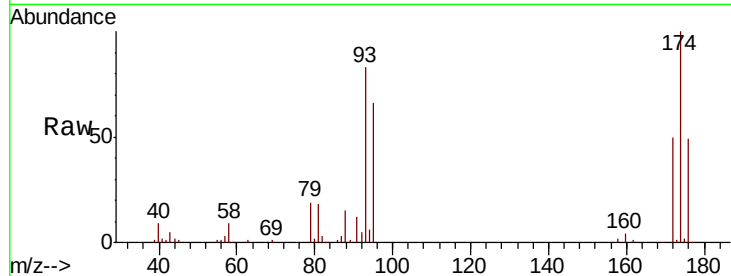
Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC



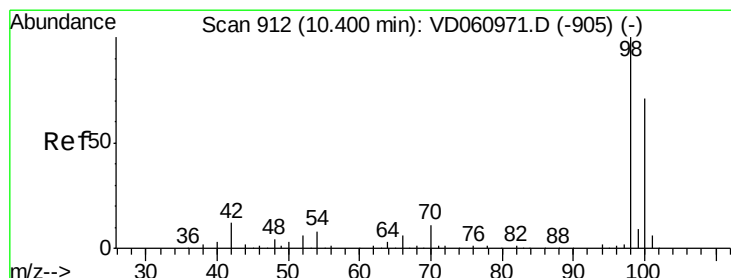
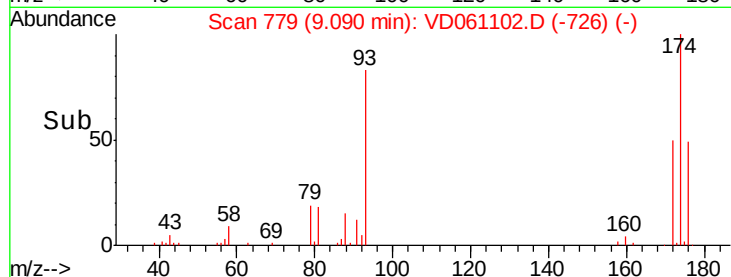
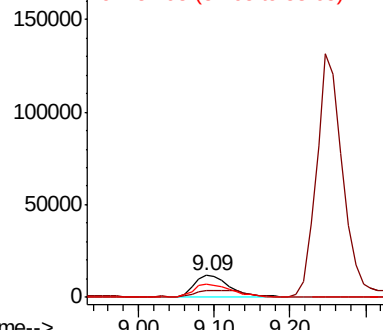


#49
1,4-Dioxane
Concen: 1097.387 ug/l
RT: 9.09 min Scan# 779
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.4	21.0	31.6
58	61.4	48.6	72.8

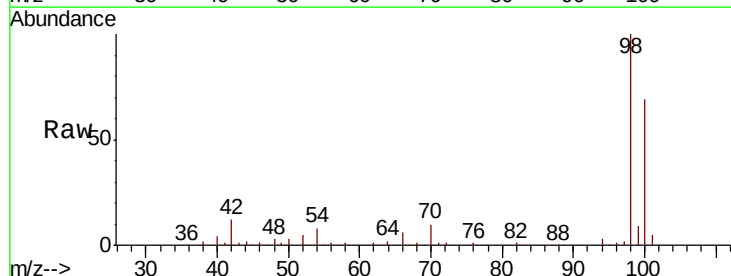


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

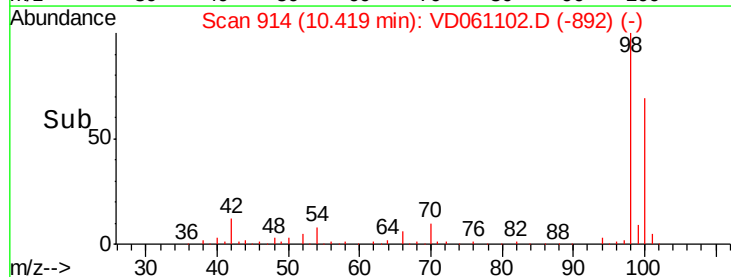
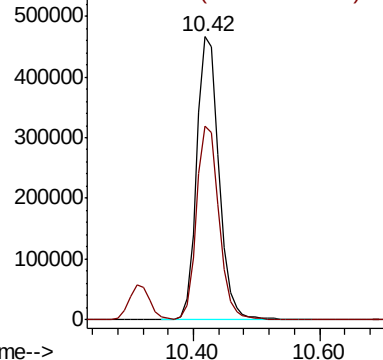


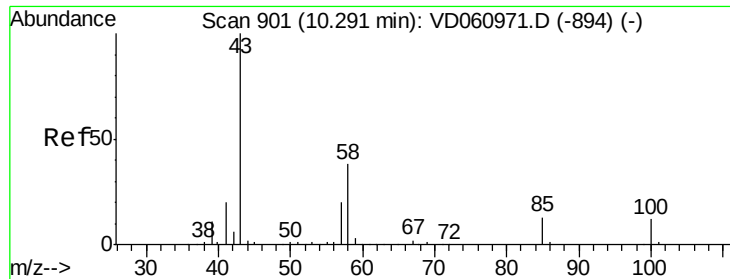
#50
Toluene-d8
Concen: 1097.387 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.6	57.4	86.2



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





#51

4-Methyl-2-Pentanone

Concen: 268.791 ug/l

RT: 10.31 min Scan# 903

Delta R.T. 0.02 min

Lab File: VD061102.D

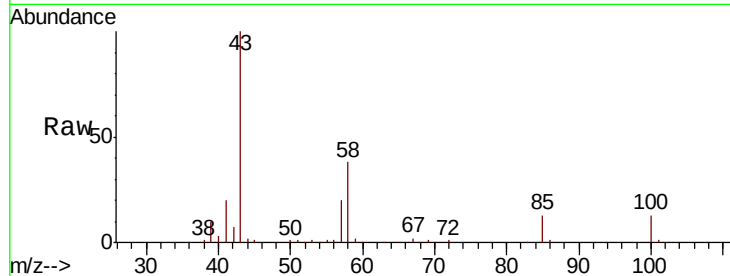
Acq: 16 Mar 2019 11:01

Tgt Ion: 43 Resp: 1052751

Ion Ratio Lower Upper

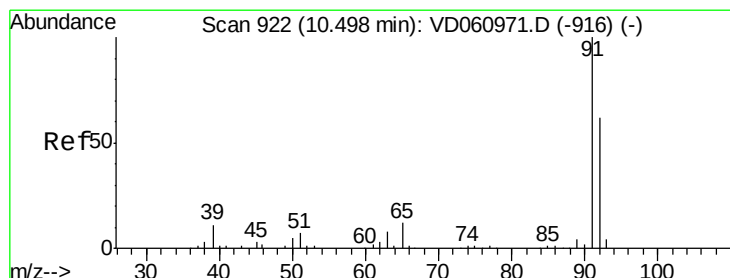
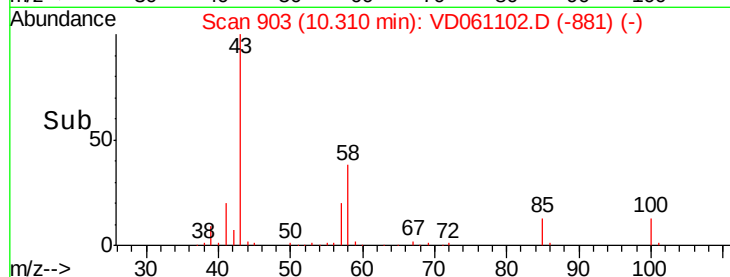
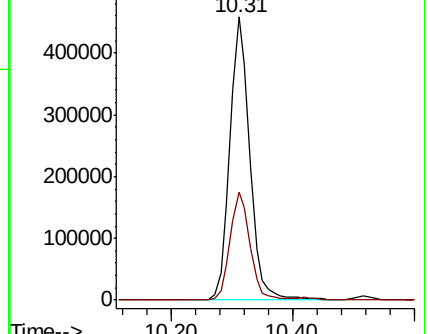
43 100

58 38.4 30.2 45.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 54.428 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD061102.D

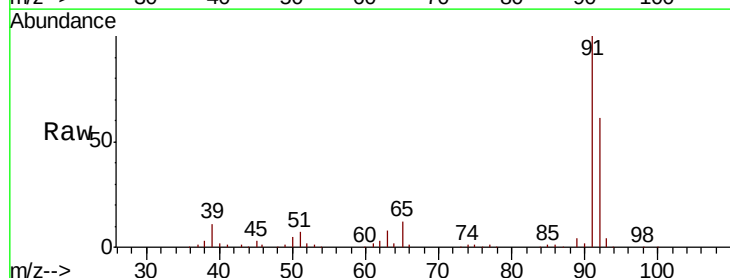
Acq: 16 Mar 2019 11:01

Tgt Ion: 92 Resp: 831875

Ion Ratio Lower Upper

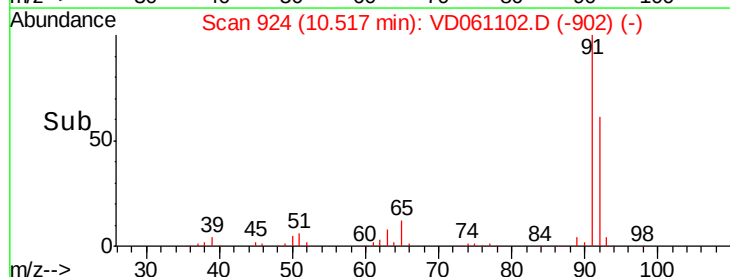
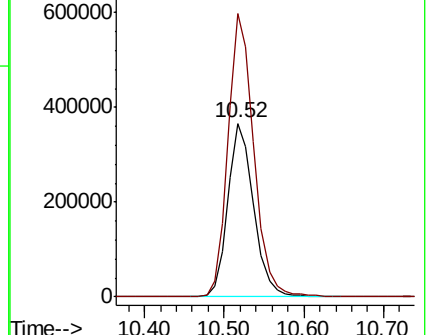
92 100

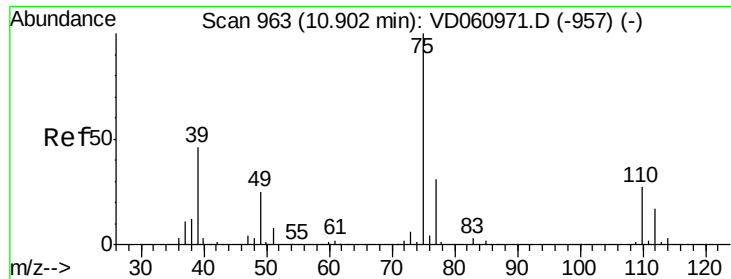
91 163.3 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 51.842 ug/l

RT: 10.92 min Scan# 965

Delta R.T. 0.02 min

Lab File: VD061102.D

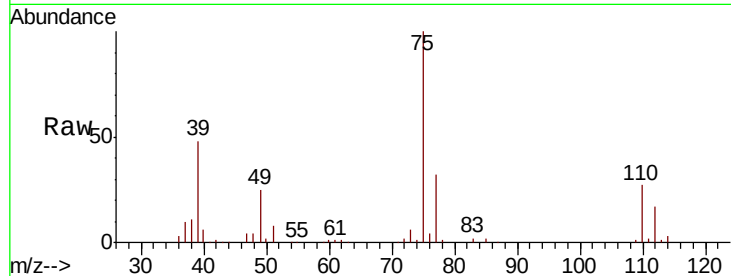
Acq: 16 Mar 2019 11:01

Tgt Ion: 75 Resp: 438166

Ion Ratio Lower Upper

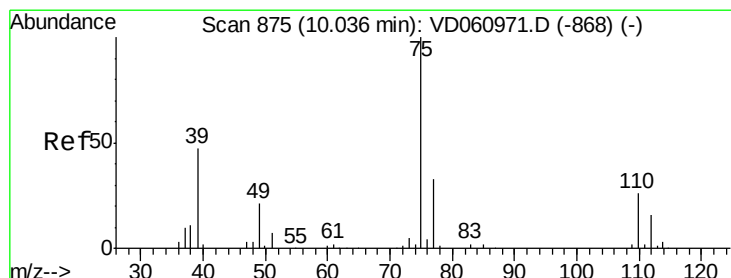
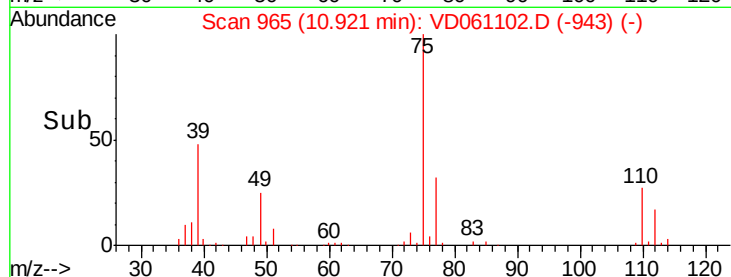
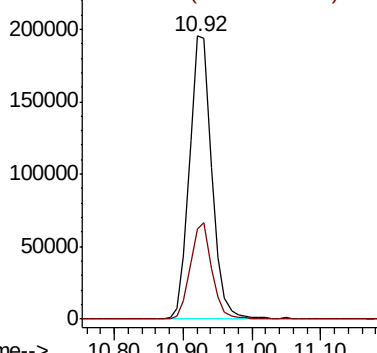
75 100

77 31.9 24.7 37.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 55.574 ug/l

RT: 10.05 min Scan# 877

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

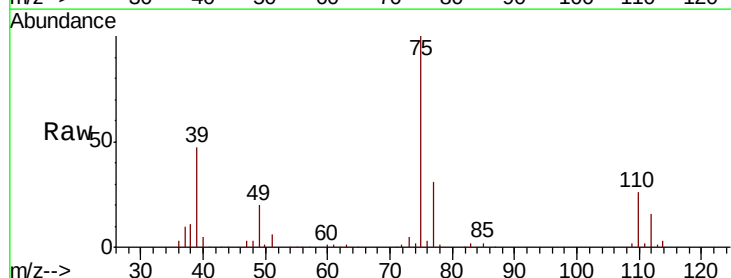
Tgt Ion: 75 Resp: 564365

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.4

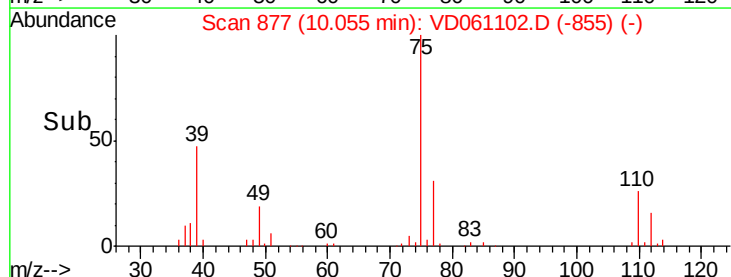
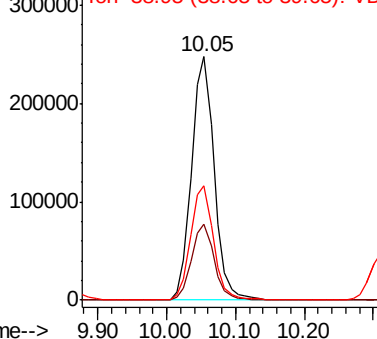
39 47.0 37.8 56.8

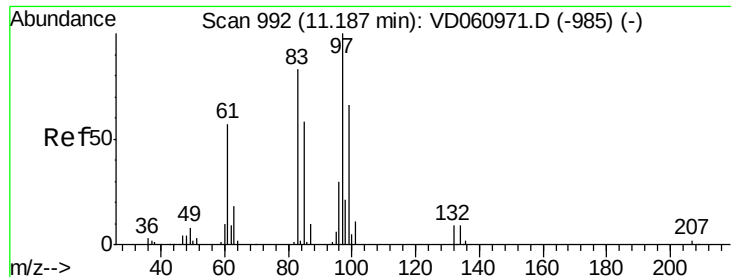


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC





#55

1,1,2-Trichloroethane

Concen: 53.232 ug/l

RT: 11.21 min Scan# 994

Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

Tgt Ion: 97 Resp: 270944

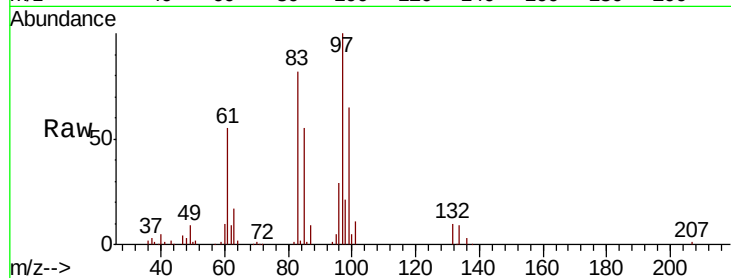
Ion Ratio Lower Upper

97 100

83 82.1 66.6 100.0

85 54.5 46.4 69.6

99 64.9 52.4 78.6

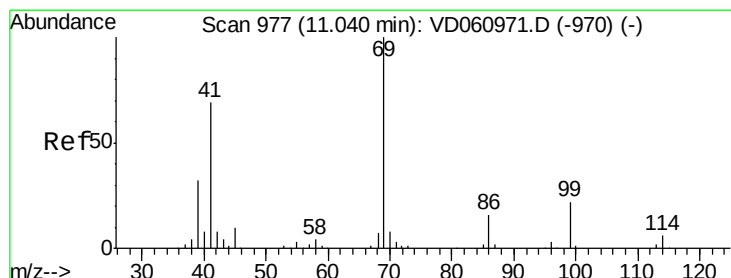
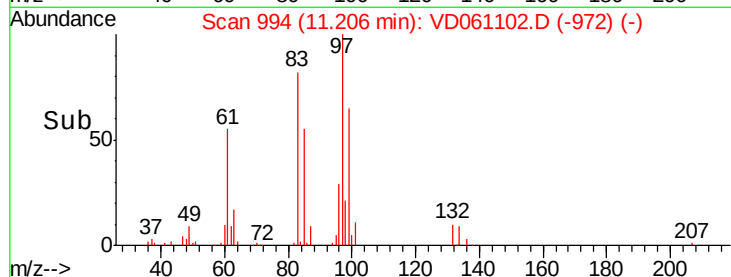
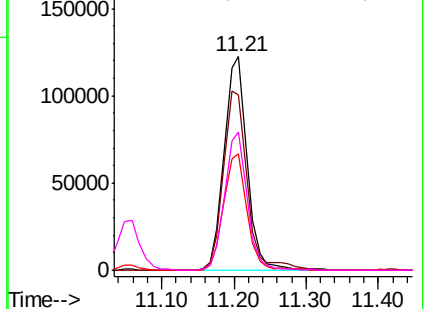


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 52.941 ug/l

RT: 11.05 min Scan# 978

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

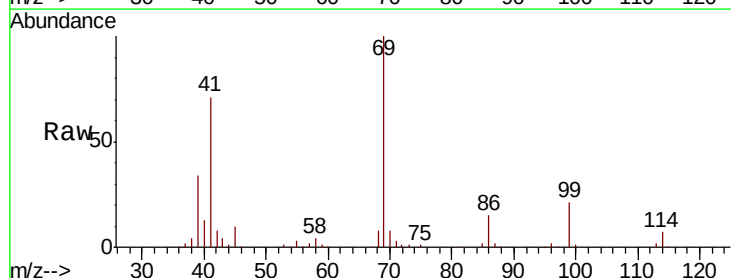
Tgt Ion: 69 Resp: 282050

Ion Ratio Lower Upper

69 100

41 70.5 55.5 83.3

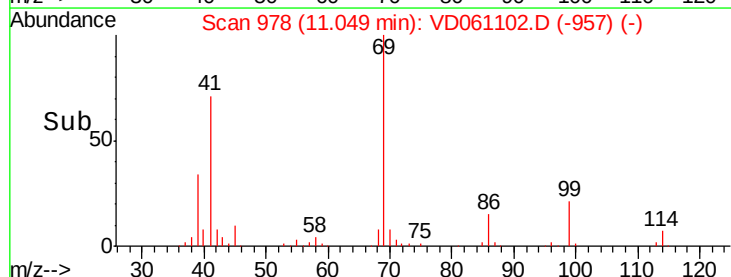
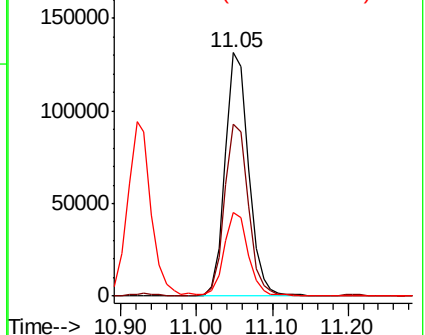
39 34.4 26.2 39.2

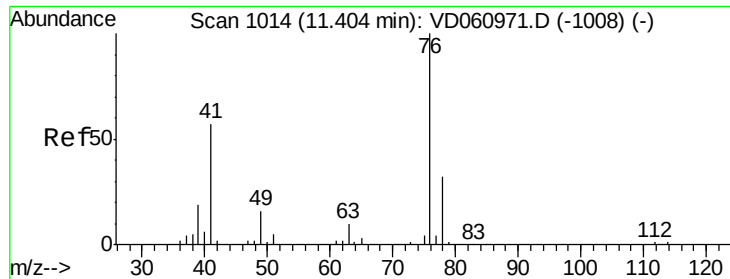


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

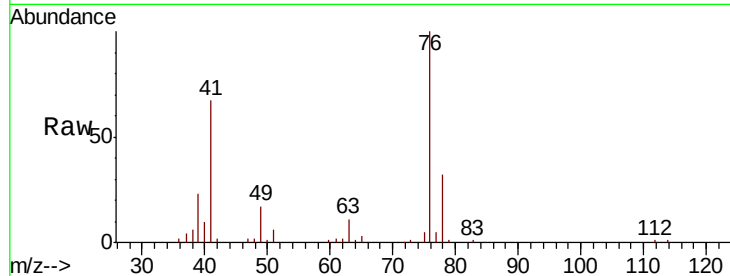
Ion 38.95 (38.65 to 39.65): VDC



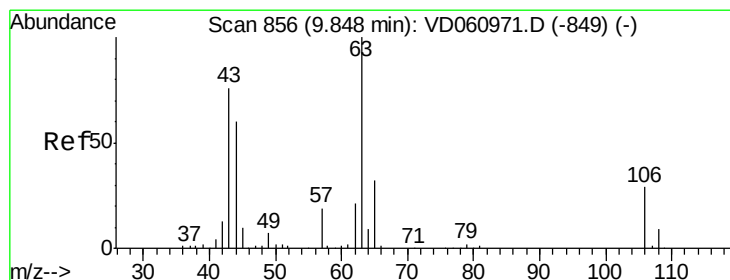
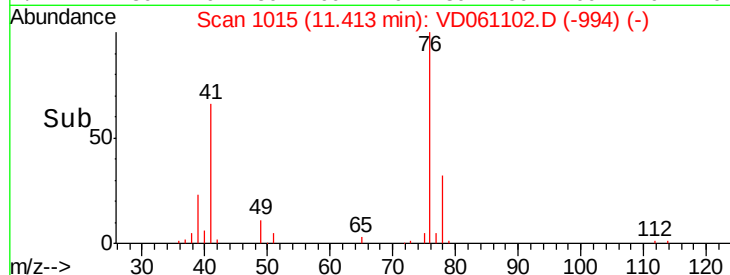
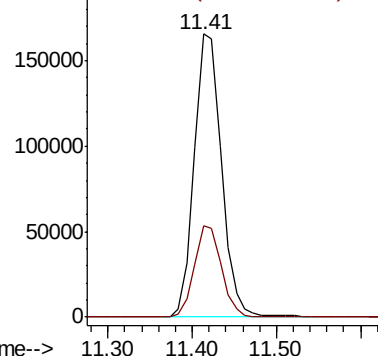


#57
 1,3-Dichloropropane
 Concen: 48.967 ug/l
 RT: 11.41 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion: 76 Resp: 372455
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.0

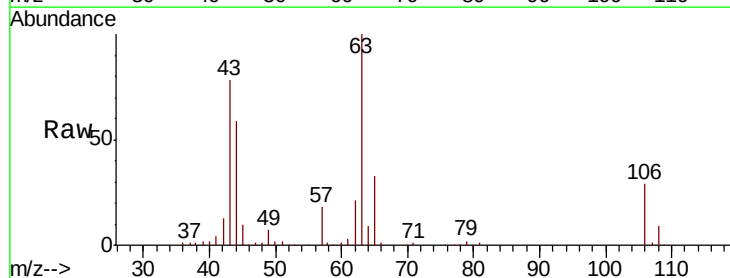


Abundance Ion 75.95 (75.65 to 76.65): VDC
 Ion 77.95 (77.65 to 78.65): VDC

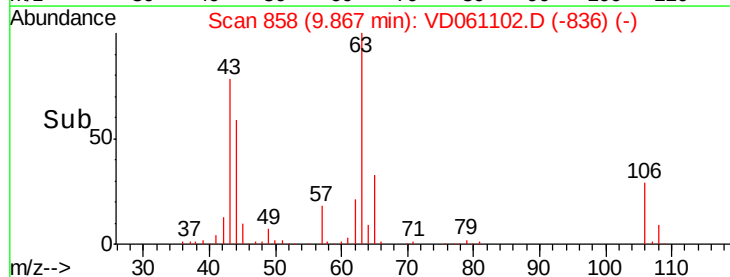
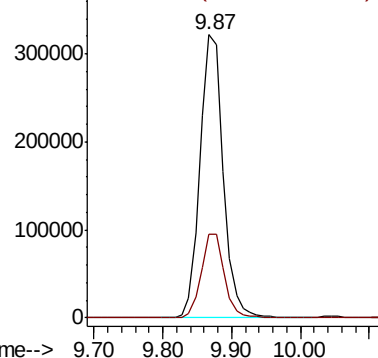


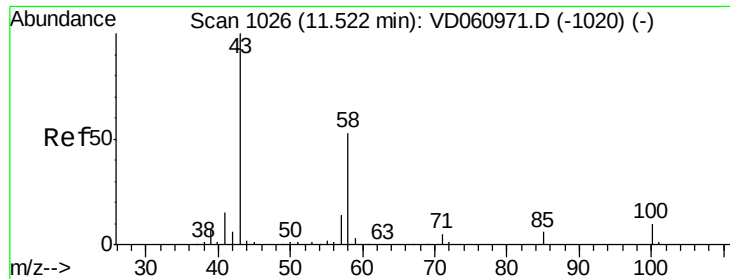
#58
 2-Chloroethyl Vinyl ether
 Concen: 266.647 ug/l
 RT: 9.87 min Scan# 858
 Delta R.T. 0.02 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion: 63 Resp: 751957
 Ion Ratio Lower Upper
 63 100
 106 29.5 22.8 34.2



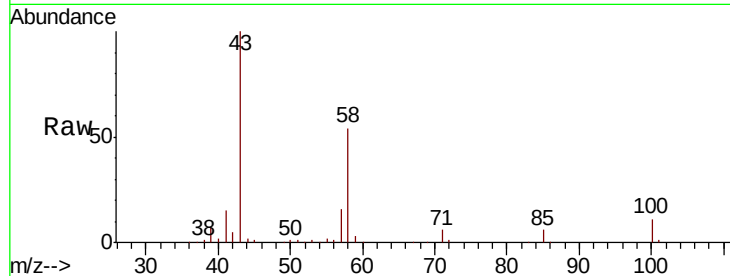
Abundance Ion 62.95 (62.65 to 63.65): VDC
 Ion 105.95 (105.65 to 106.65): V



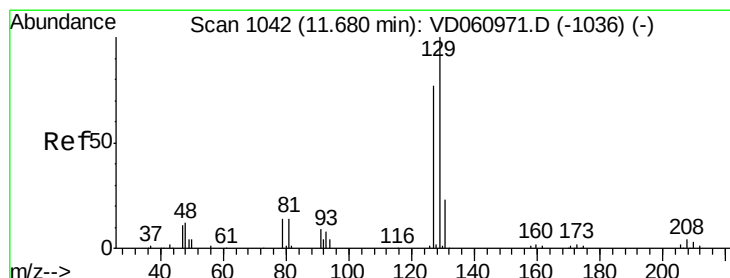
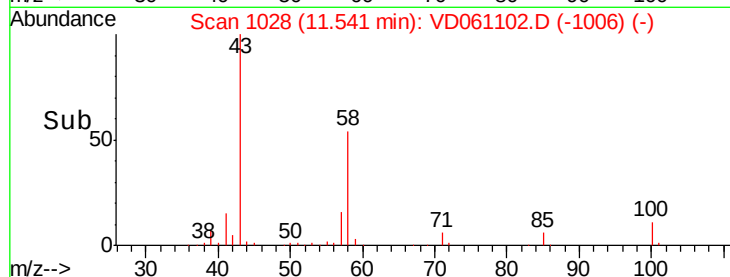
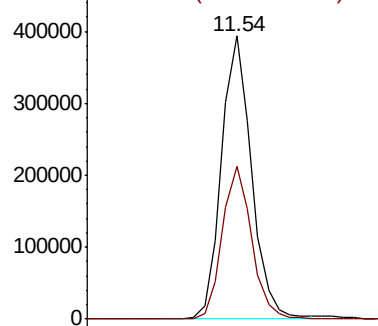


#59
2-Hexanone
Concen: 264.403 ug/l
RT: 11.54 min Scan# 1028
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion: 43 Resp: 757512
Ion Ratio Lower Upper
43 100
58 54.2 26.5 79.5

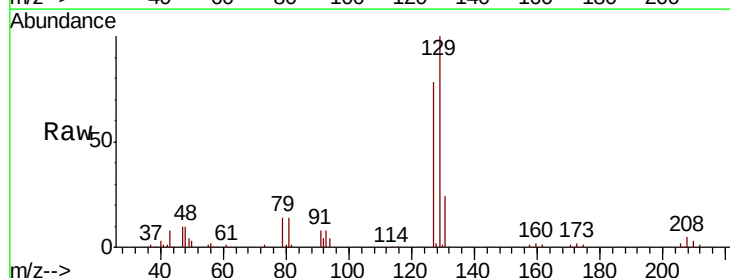


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

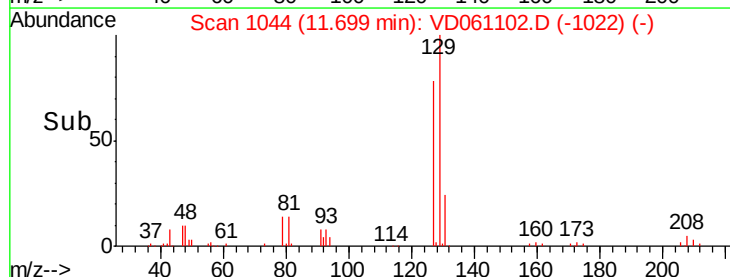
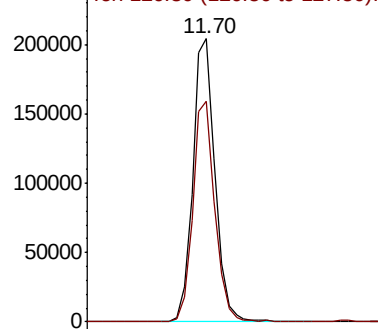


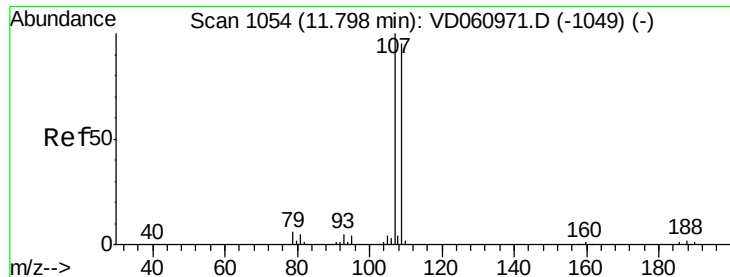
#60
Dibromochloromethane
Concen: 55.350 ug/l
RT: 11.70 min Scan# 1044
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion: 129 Resp: 414623
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.9



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





#61

1,2-Dibromoethane

Concen: 49.601 ug/l

RT: 11.82 min Scan# 1056

Delta R.T. 0.02 min

Lab File: VD061102.D

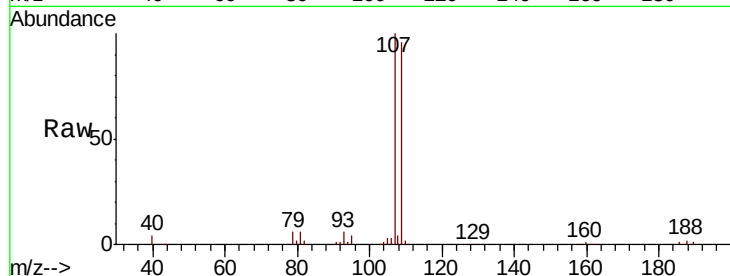
Acq: 16 Mar 2019 11:01

Tgt Ion: 107 Resp: 293688

Ion Ratio Lower Upper

107 100

109 95.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

11.82

150000

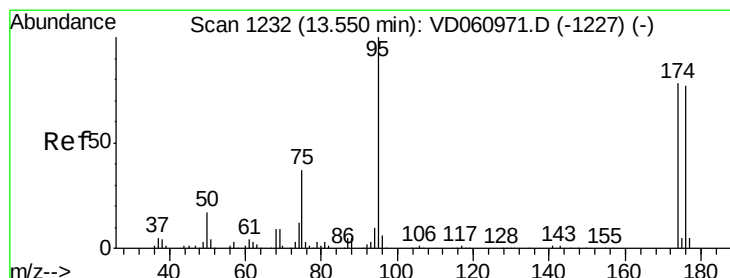
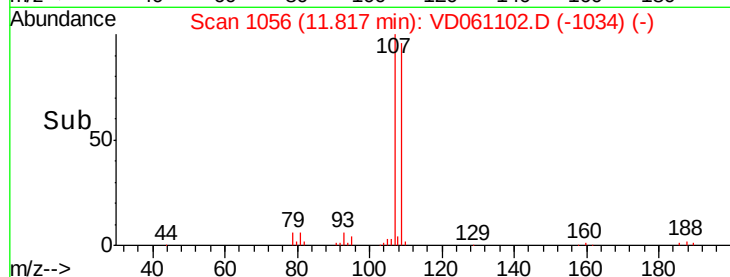
100000

50000

0

Time-->

11.70 11.80 11.90



#62

4-Bromofluorobenzene

Concen: 49.601 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

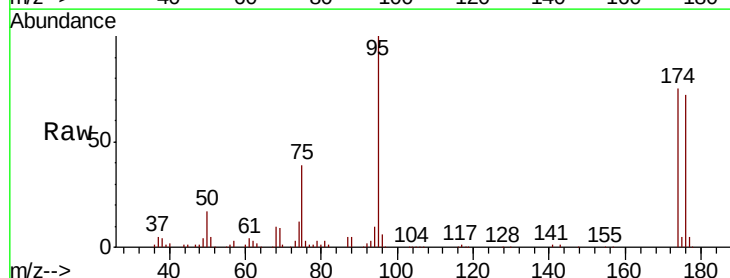
Tgt Ion: 95 Resp: 395004

Ion Ratio Lower Upper

95 100

174 75.4 0.0 155.6

176 72.4 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

300000

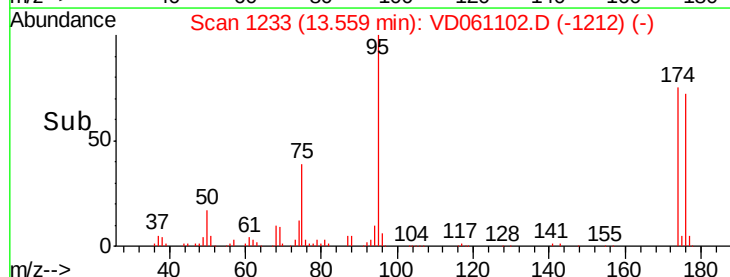
200000

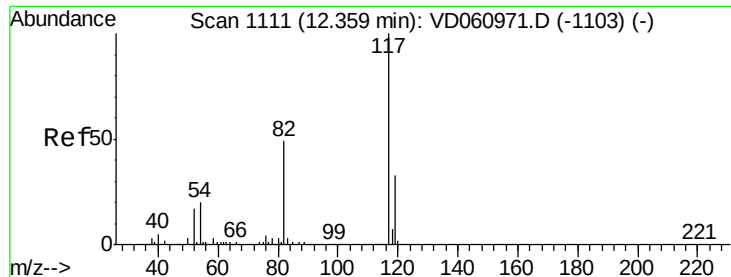
100000

0

Time-->

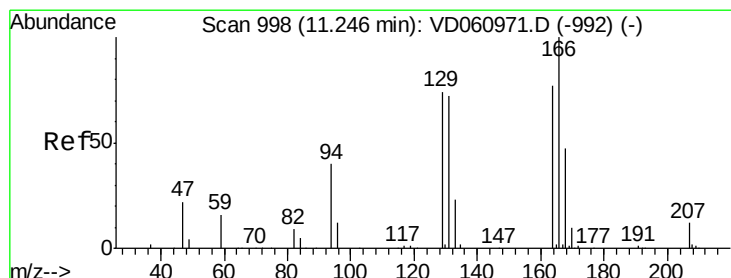
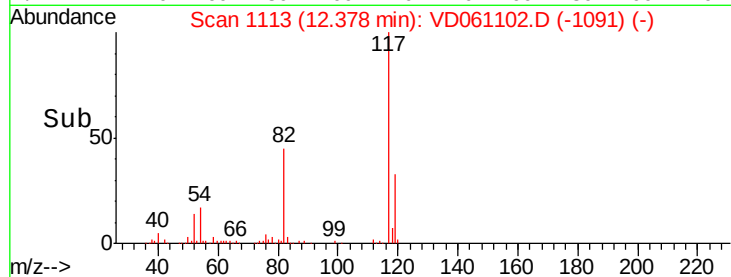
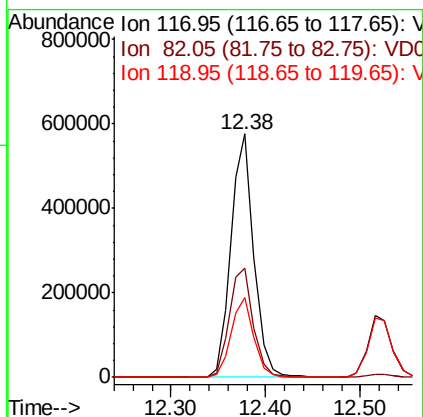
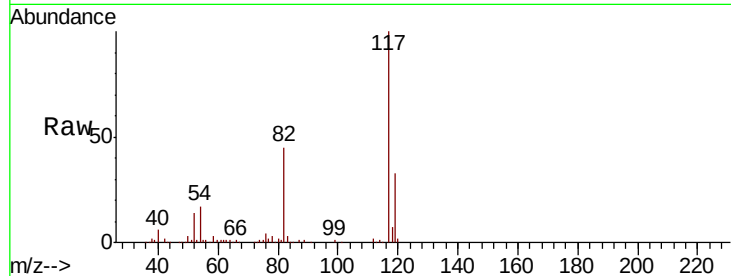
13.50 13.60





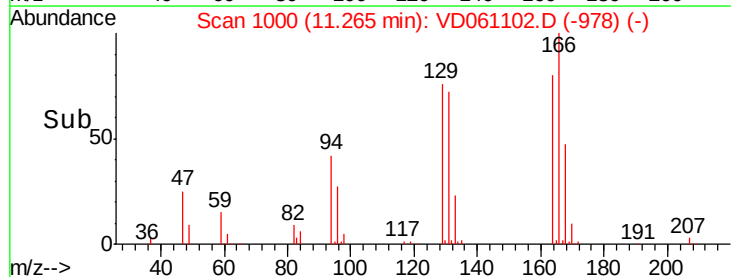
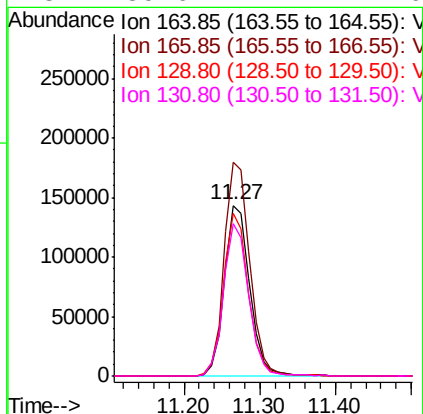
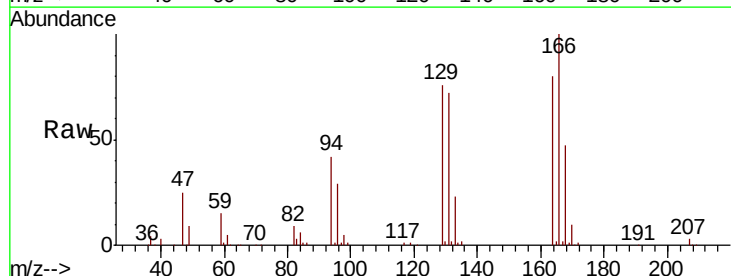
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

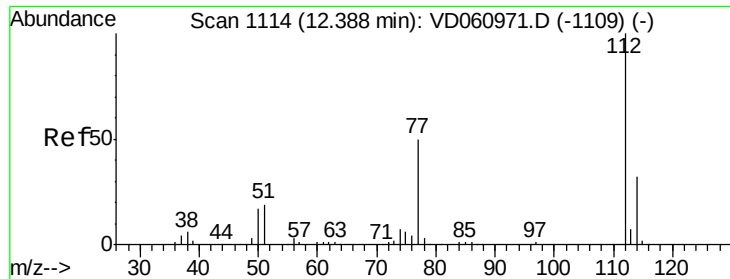
Tgt Ion:	117	Resp:	960775
Ion	Ratio	Lower	Upper
117	100		
82	44.8	38.9	58.3
119	32.8	26.6	39.8



#64
Tetrachloroethene
Concen: 50.812 ug/l
RT: 11.27 min Scan# 1000
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

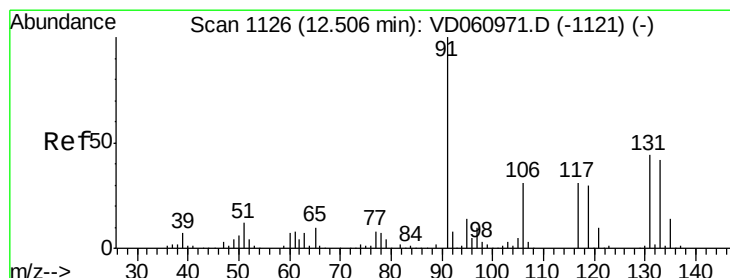
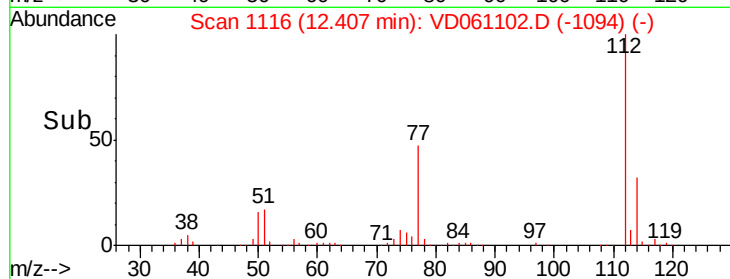
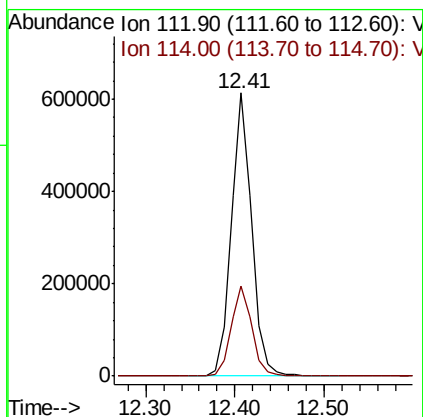
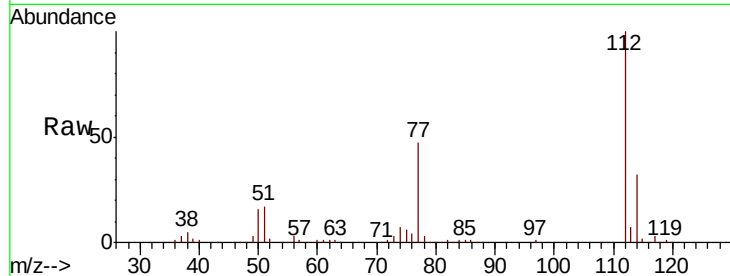
Tgt Ion:	164	Resp:	329552
Ion	Ratio	Lower	Upper
164	100		
166	125.2	103.4	155.0
129	95.3	76.9	115.3
131	89.6	74.4	111.6





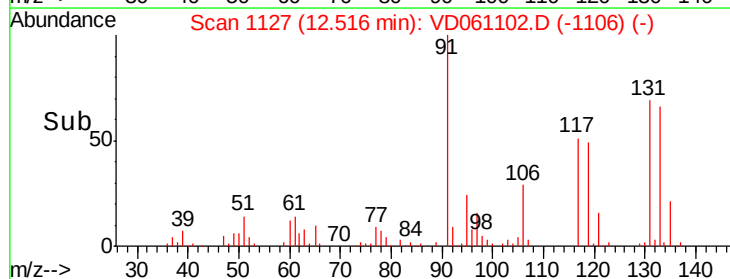
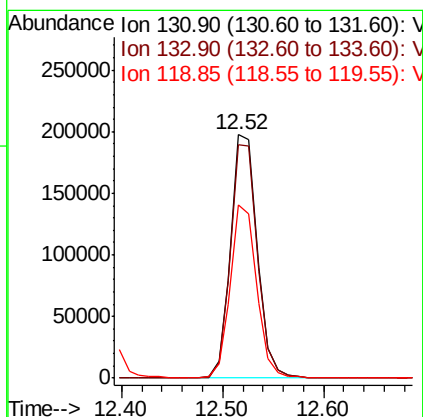
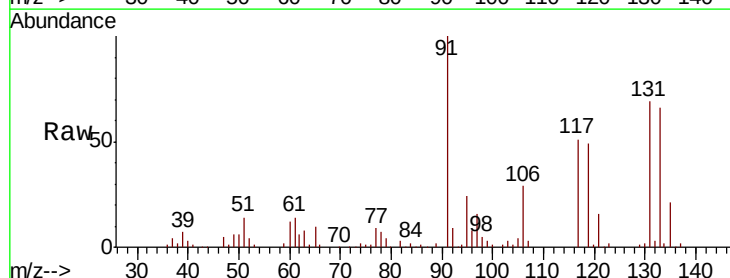
#65
Chlorobenzene
Concen: 52.393 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

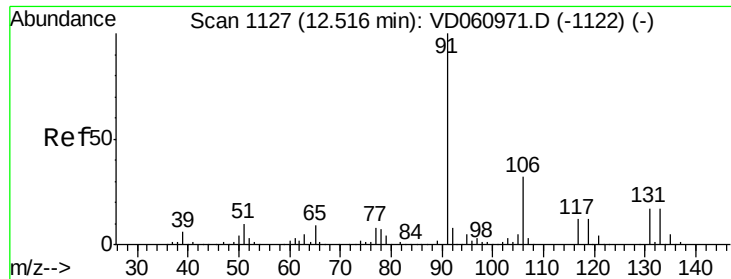
Tgt Ion:112 Resp: 986831
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.893 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

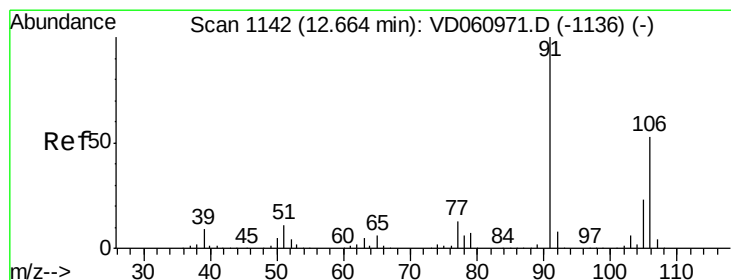
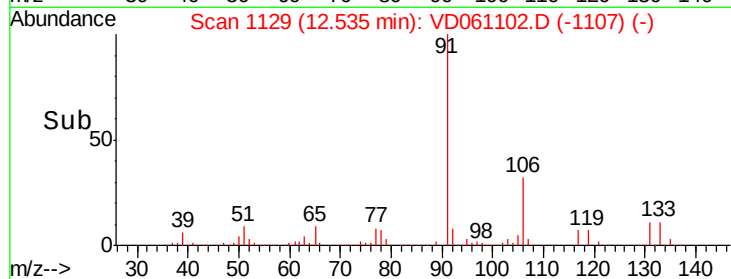
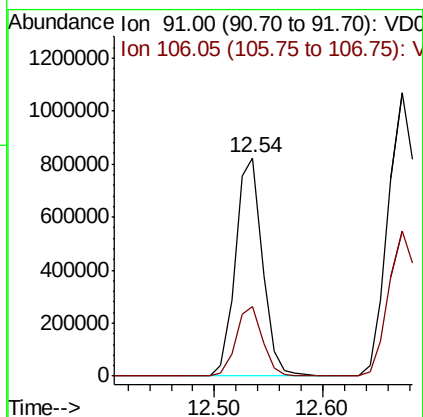
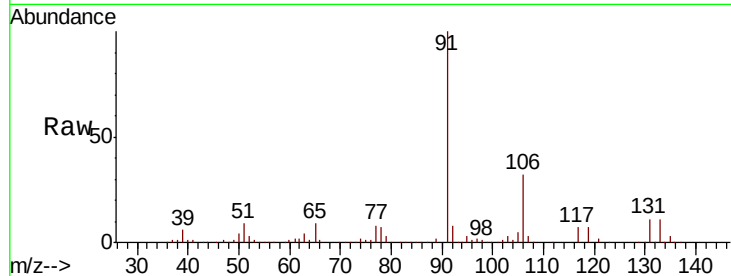
Tgt Ion:131 Resp: 361831
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 70.9 34.3 102.9





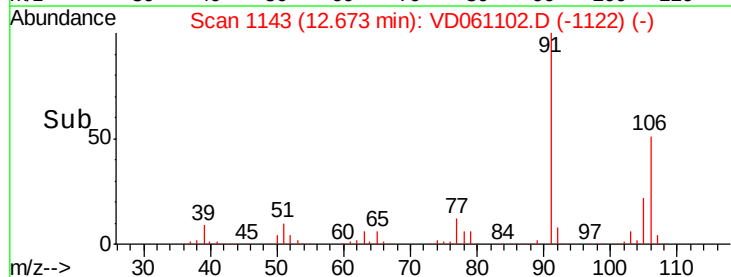
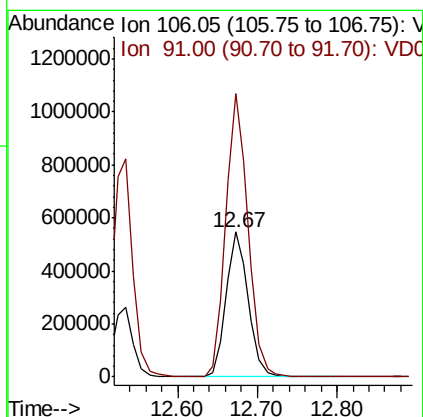
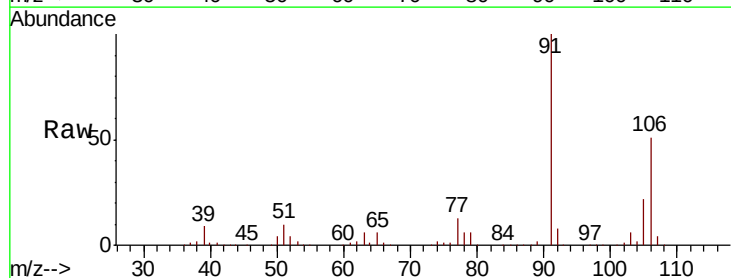
#67
Ethyl Benzene
Concen: 51.044 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

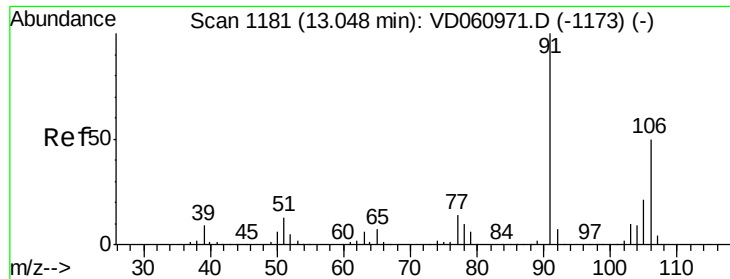
Tgt Ion: 91 Resp: 1431341
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5



#68
m/p-Xylenes
Concen: 96.742 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

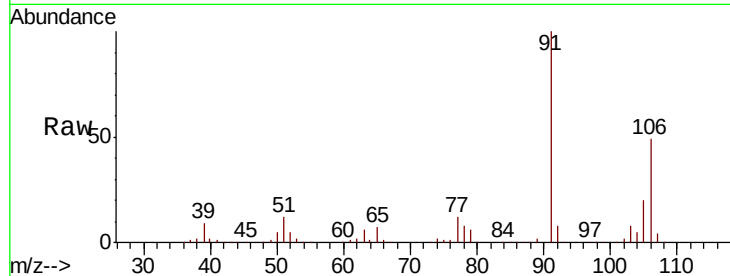
Tgt Ion: 106 Resp: 1064738
Ion Ratio Lower Upper
106 100
91 195.2 152.0 228.0



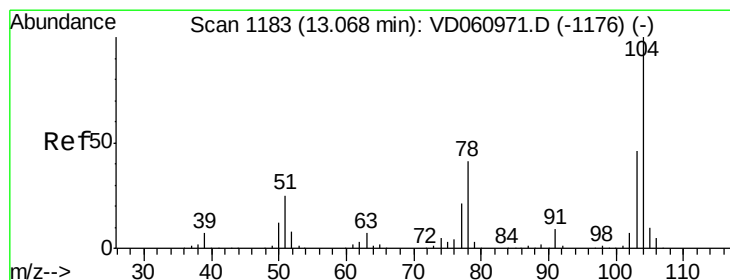
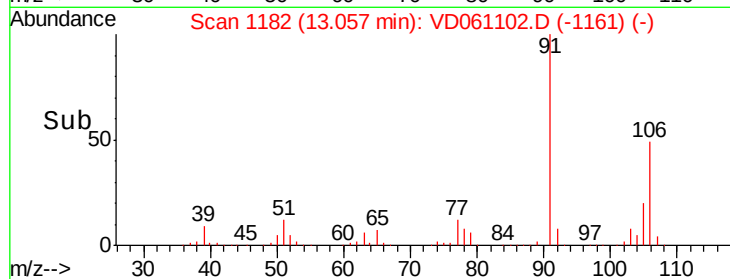
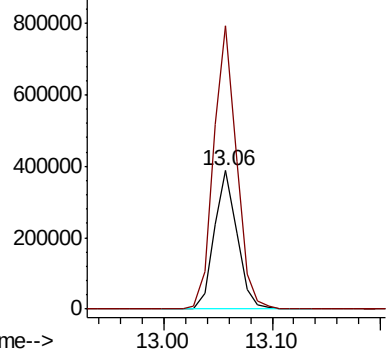


#69
o-Xylene
Concen: 52.604 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion:106 Resp: 569094
Ion Ratio Lower Upper
106 100
91 204.5 99.8 299.3

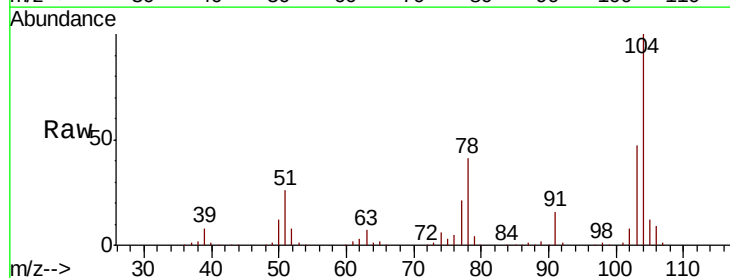


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

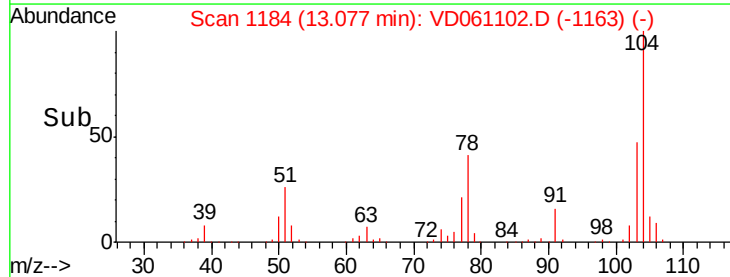
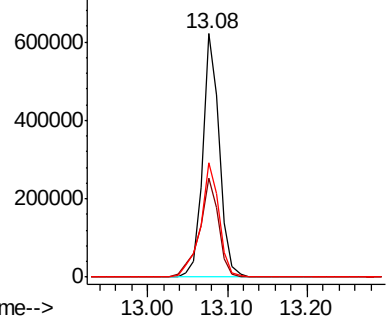


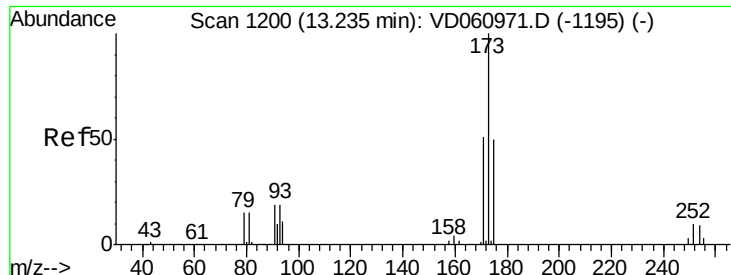
#70
Styrene
Concen: 51.856 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion:104 Resp: 916051
Ion Ratio Lower Upper
104 100
78 40.9 33.0 49.4
103 47.2 37.1 55.7



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





#71

Bromoform

Concen: 50.660 ug/l

RT: 13.24 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

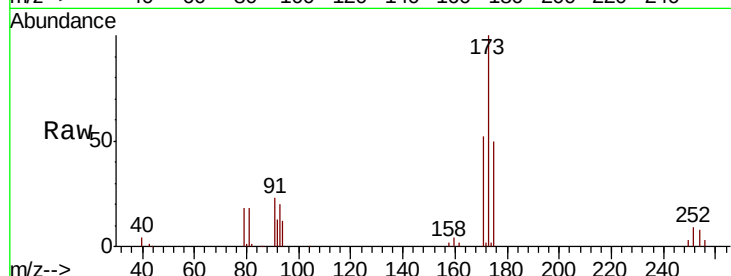
Tgt Ion:173 Resp: 219415

Ion Ratio Lower Upper

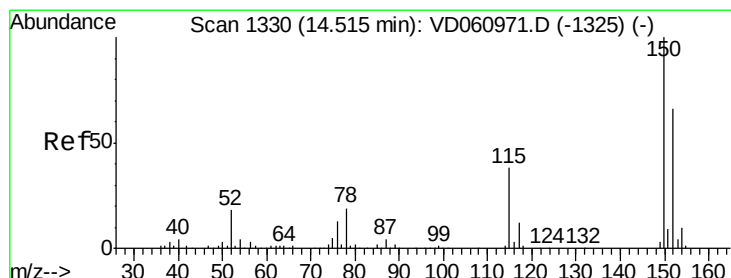
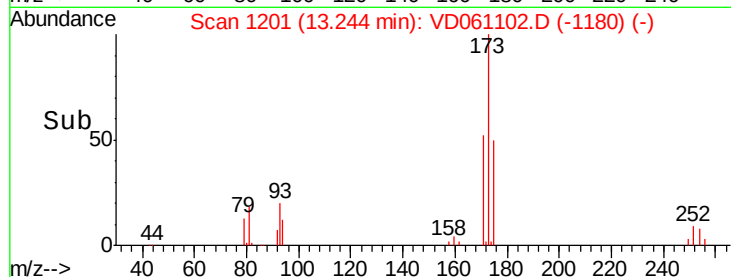
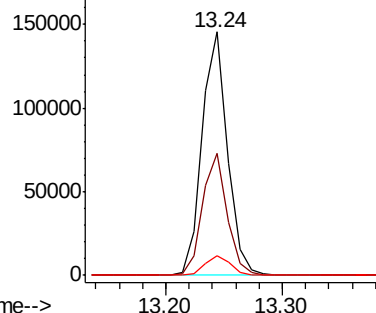
173 100

175 50.2 24.9 74.8

254 8.1 7.3 10.9



Abundance Ion 172.80 (172.50 to 173.50): V
200000
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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

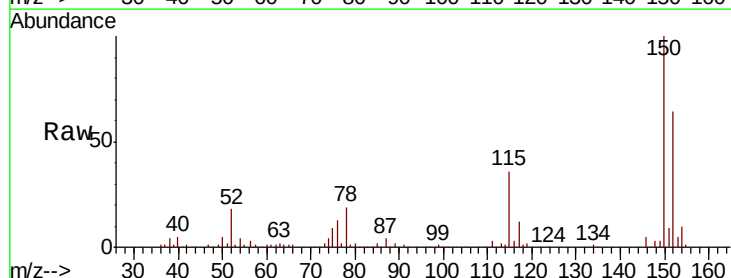
Tgt Ion:152 Resp: 417692

Ion Ratio Lower Upper

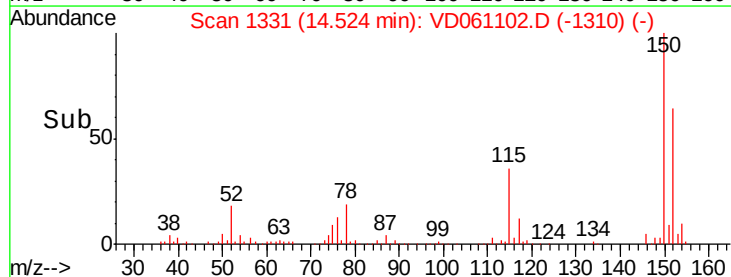
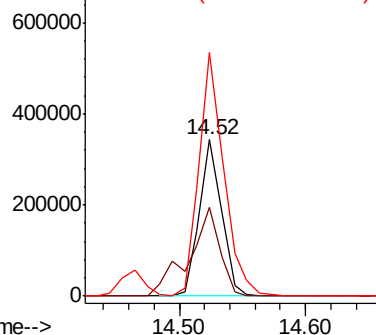
152 100

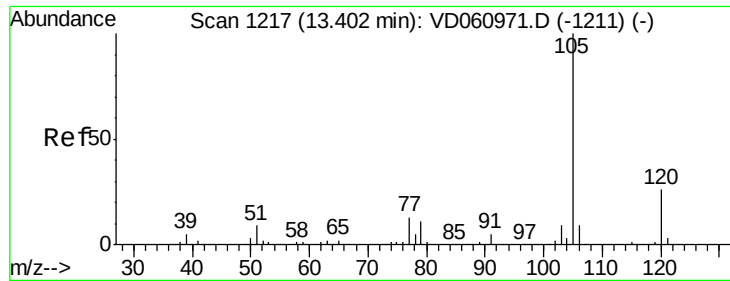
115 56.7 28.6 85.9

150 155.8 0.0 310.6



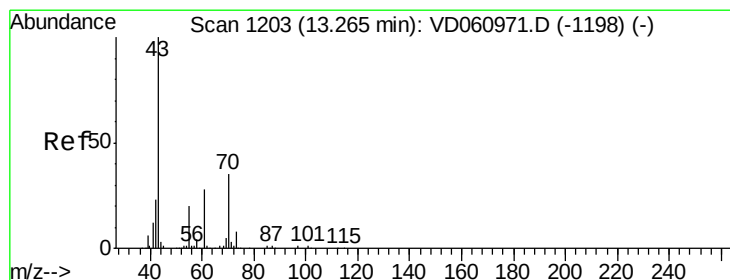
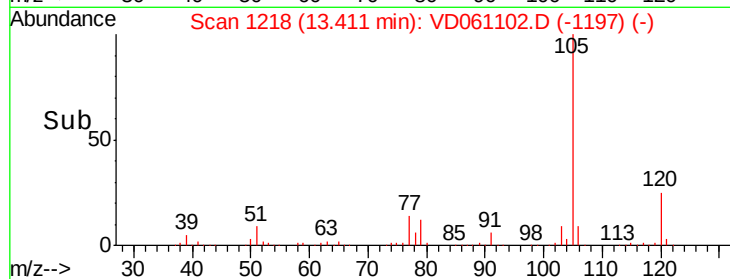
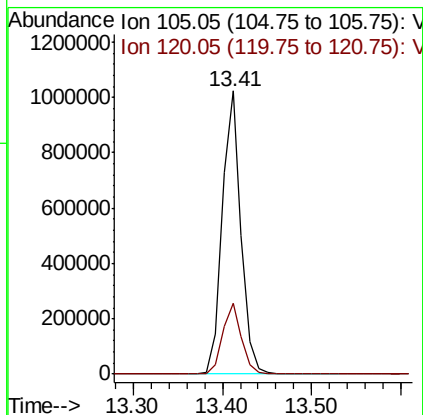
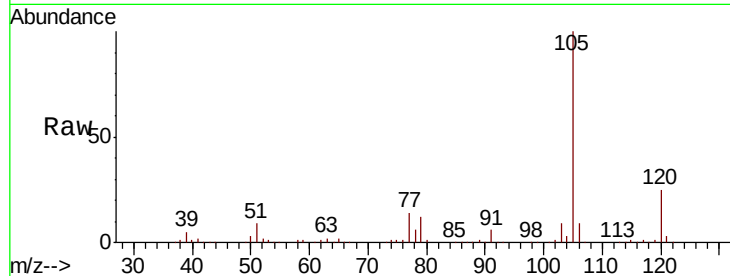
Abundance Ion 151.90 (151.60 to 152.60): V
600000
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





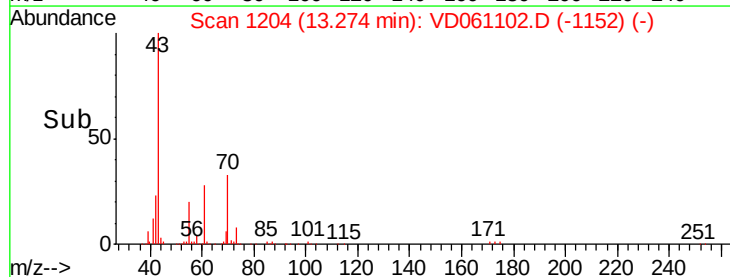
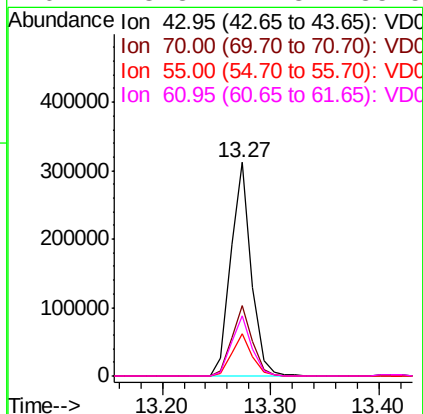
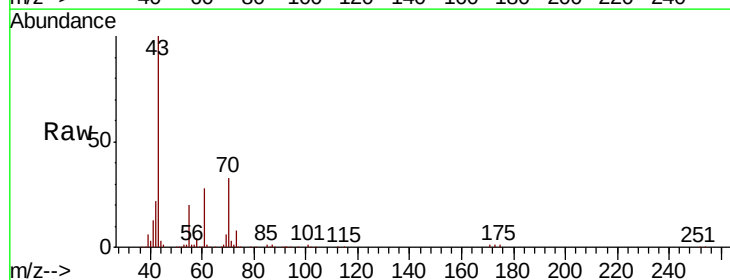
#73
Isopropylbenzene
Concen: 50.241 ug/l
RT: 13.41 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

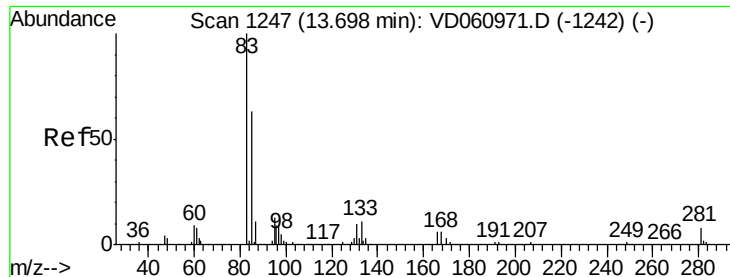
Tgt Ion: 105 Resp: 1512363
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4



#74
N-ethyl acetate
Concen: 48.475 ug/l
RT: 13.27 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion: 43 Resp: 410881
Ion Ratio Lower Upper
43 100
70 33.2 27.7 41.5
55 20.0 16.2 24.2
61 28.3 22.3 33.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.876 ug/l

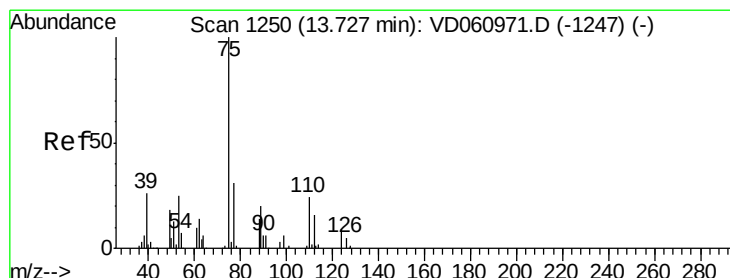
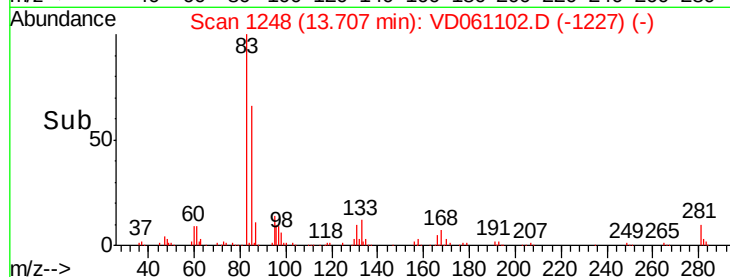
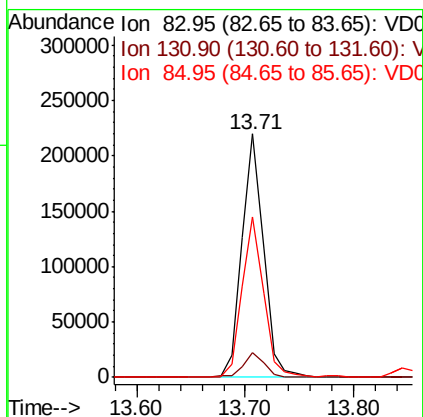
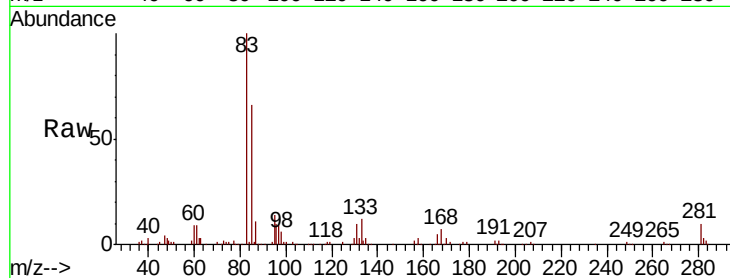
RT: 13.71 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

Tgt Ion:	83	Resp:	304674
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	65.8	31.5	94.5



#76

1,2,3-Trichloropropane

Concen: 50.717 ug/l

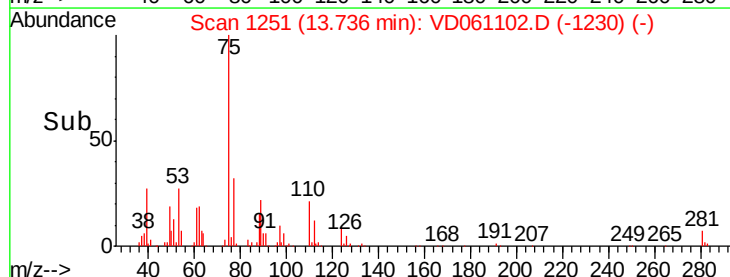
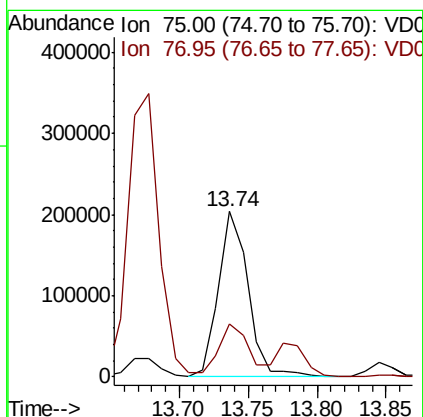
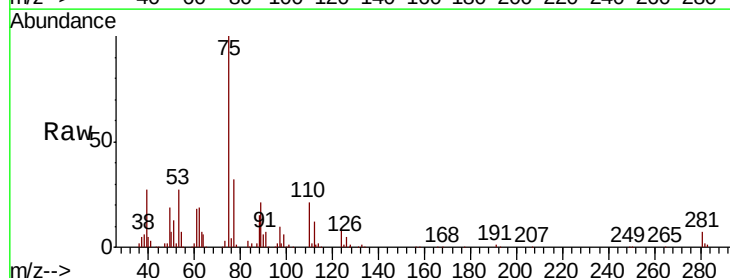
RT: 13.74 min Scan# 1251

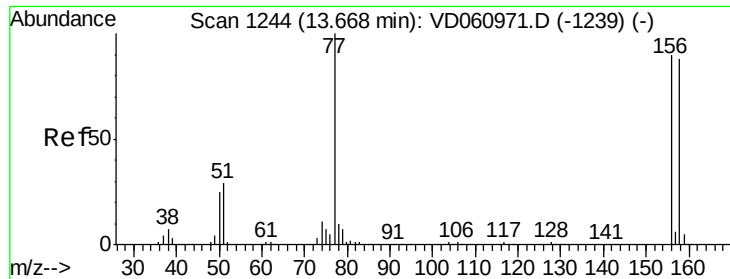
Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

Tgt Ion:	75	Resp:	304771
Ion	Ratio	Lower	Upper
75	100		
77	32.2	16.6	49.7





#77

Bromobenzene

Concen: 54.034 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

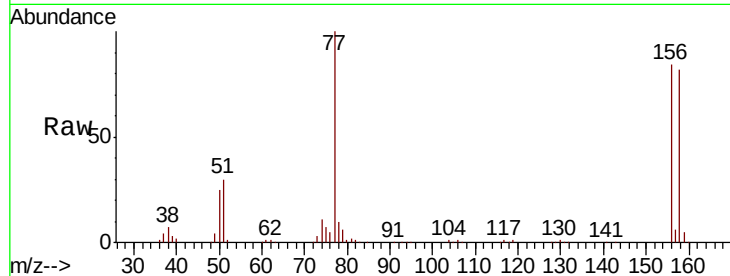
Tgt Ion: 156 Resp: 415209

Ion Ratio Lower Upper

156 100

77 118.7 55.5 166.7

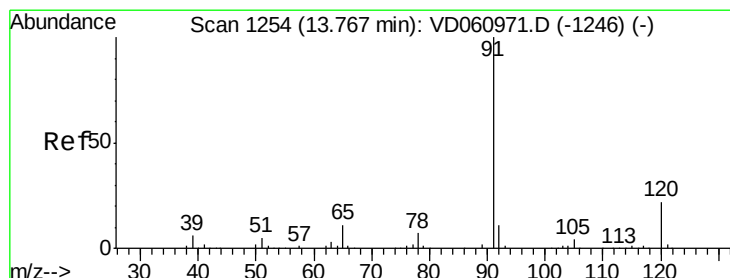
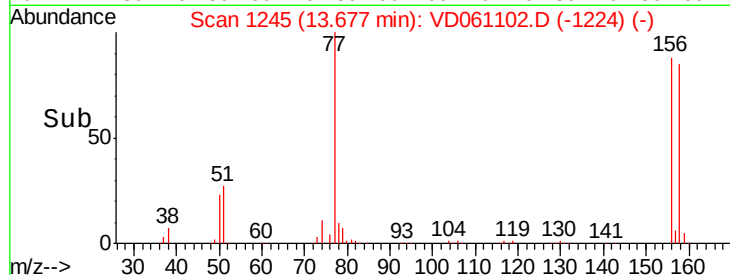
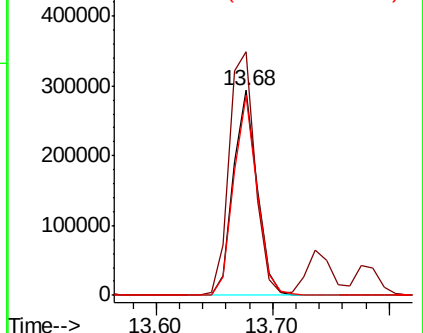
158 97.6 49.0 147.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 51.038 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. 0.02 min

Lab File: VD061102.D

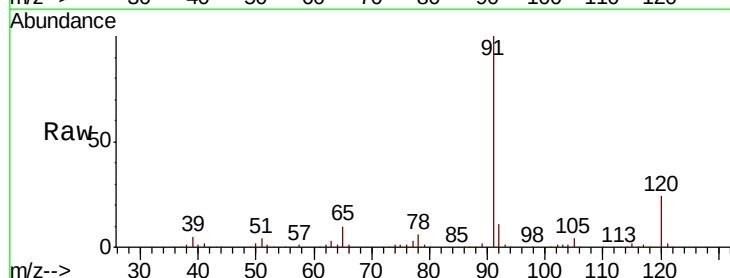
Acq: 16 Mar 2019 11:01

Tgt Ion: 91 Resp: 1798594

Ion Ratio Lower Upper

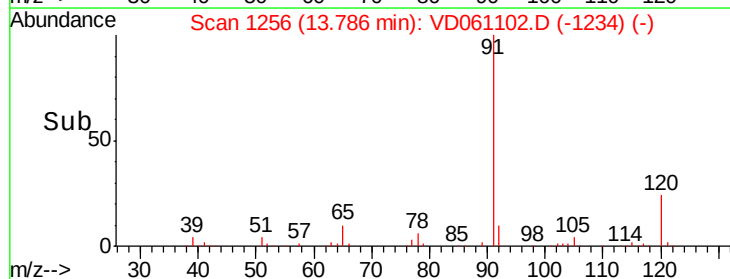
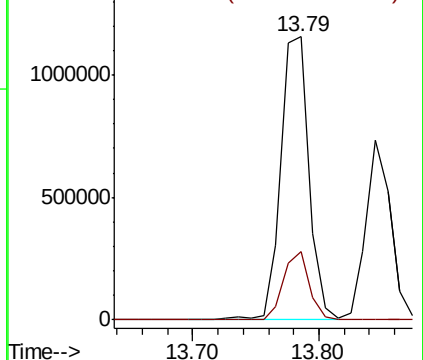
91 100

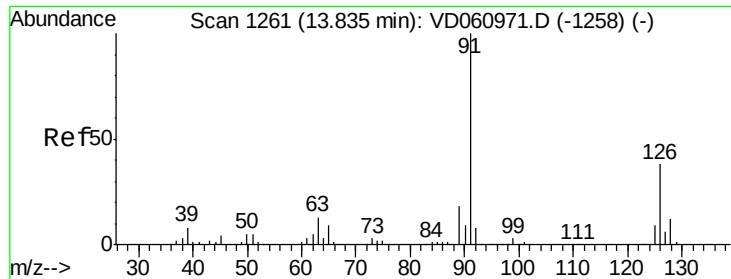
120 24.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 51.276 ug/l

RT: 13.84 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VD061102.D

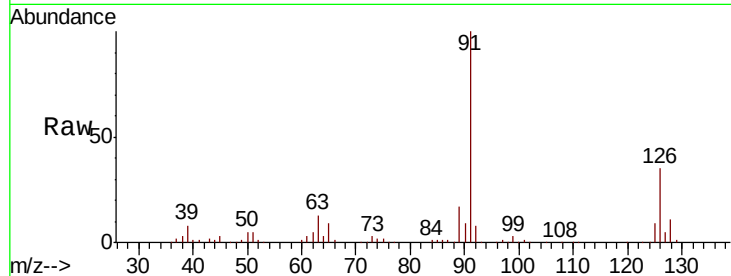
Acq: 16 Mar 2019 11:01

Tgt Ion: 91 Resp: 994819

Ion Ratio Lower Upper

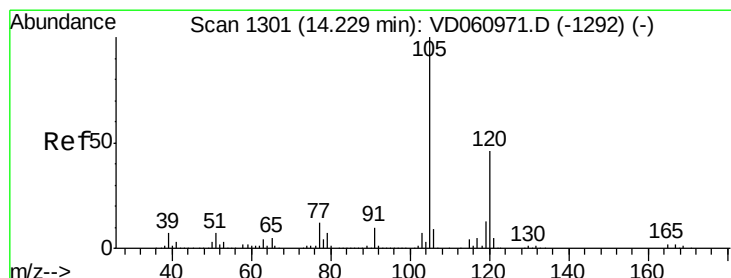
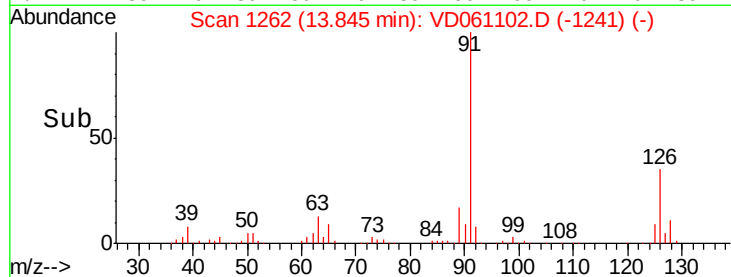
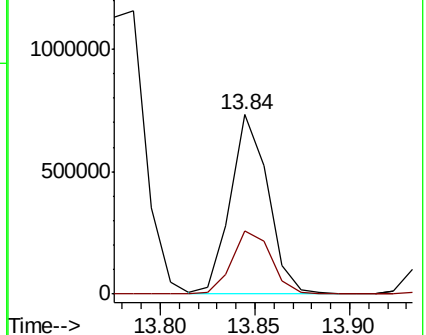
91 100

126 35.4 18.6 55.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 49.558 ug/l

RT: 14.25 min Scan# 1303

Delta R.T. 0.02 min

Lab File: VD061102.D

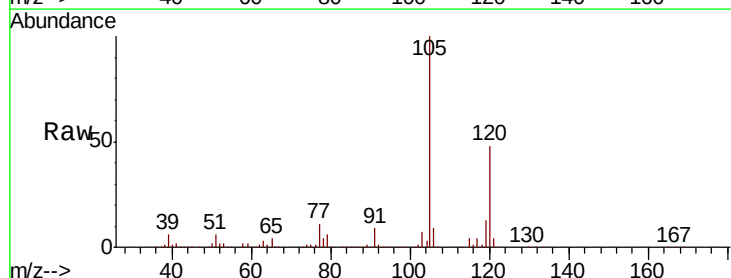
Acq: 16 Mar 2019 11:01

Tgt Ion: 105 Resp: 1132533

Ion Ratio Lower Upper

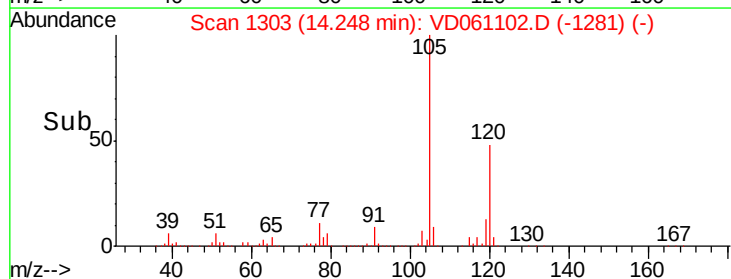
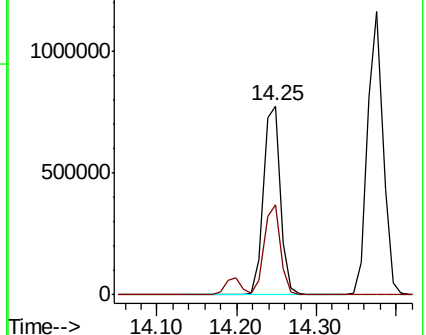
105 100

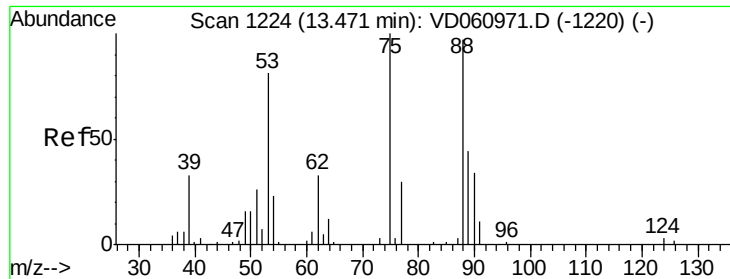
120 47.7 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.704 ug/l

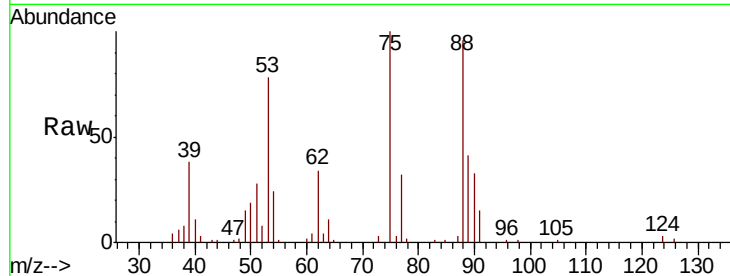
RT: 13.48 min Scan# 1225

Delta R.T. 0.01 min

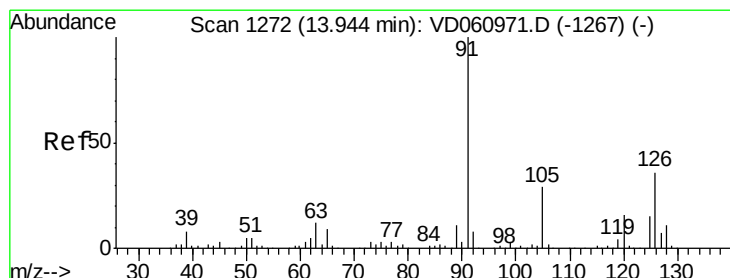
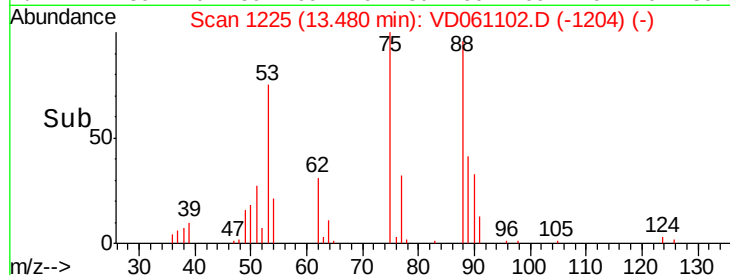
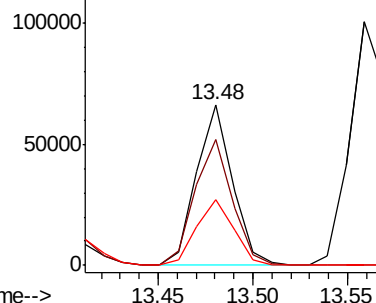
Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

Tgt Ion:	75	Resp:	88059
Ion	Ratio	Lower	Upper
75	100		
53	78.4	64.4	96.6
89	40.6	34.8	52.2



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: 47.502 ug/l

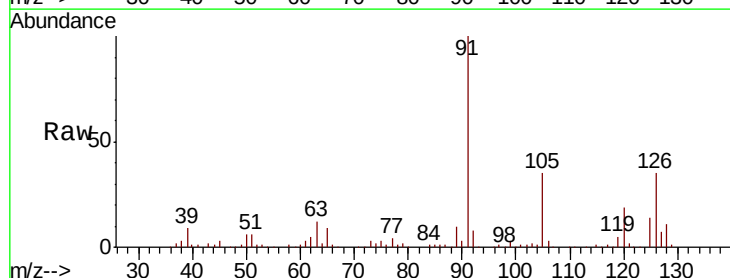
RT: 13.95 min Scan# 1273

Delta R.T. 0.01 min

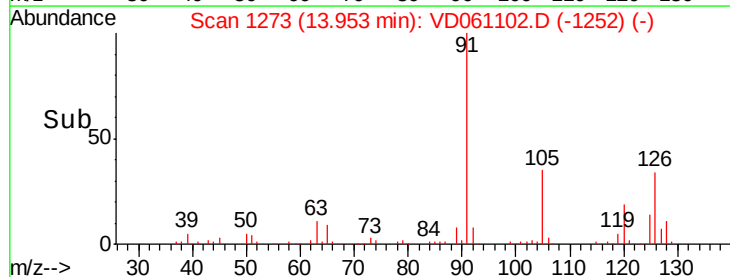
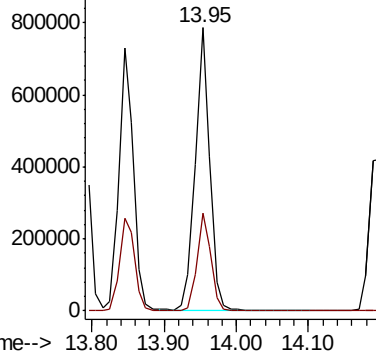
Lab File: VD061102.D

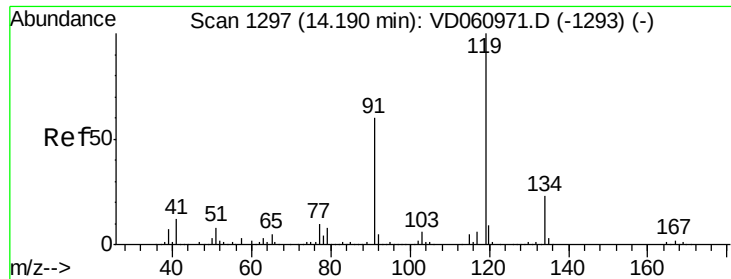
Acq: 16 Mar 2019 11:01

Tgt Ion:	91	Resp:	1089508
Ion	Ratio	Lower	Upper
91	100		
126	34.6	18.0	54.0



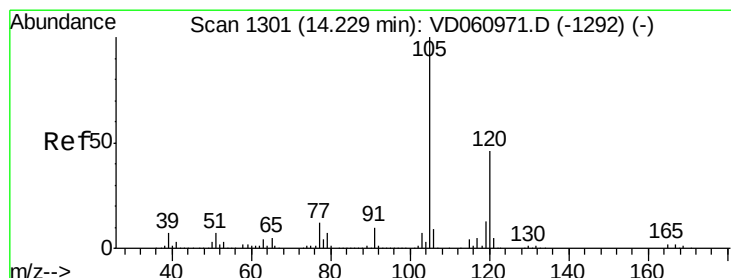
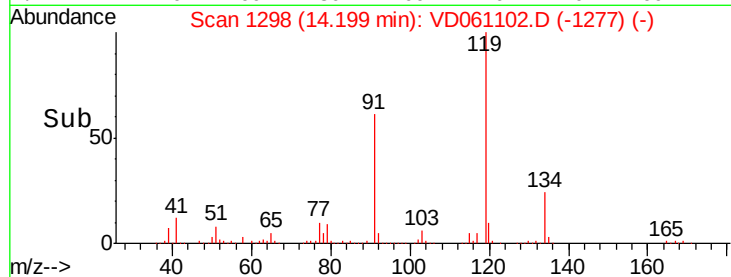
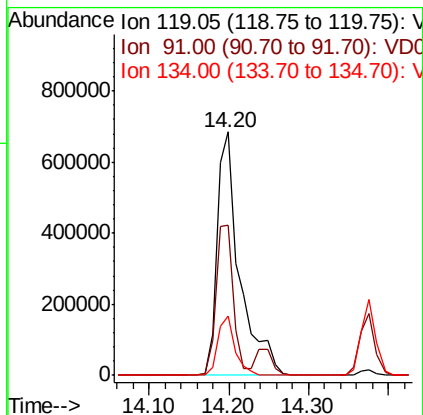
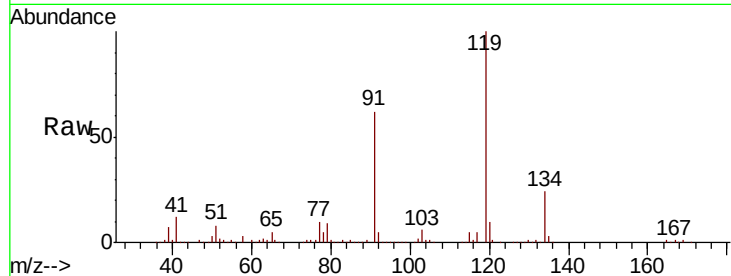
Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V





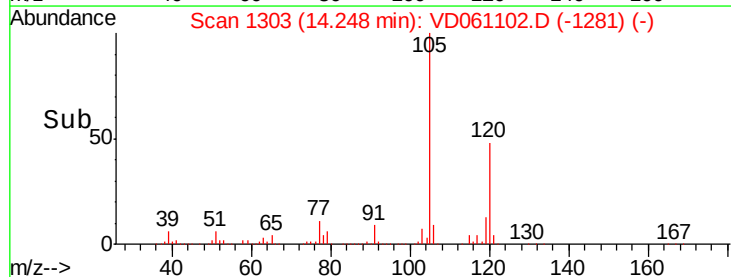
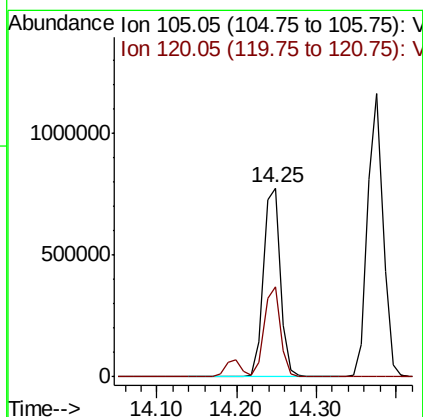
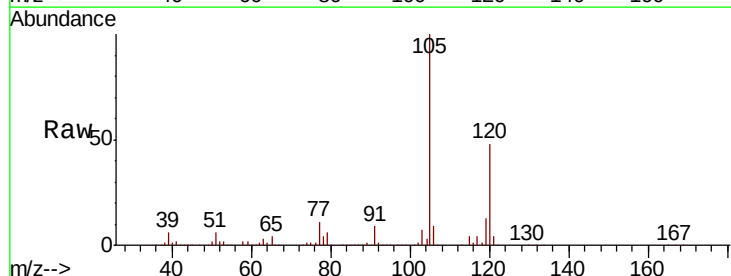
#83
 tert-Butylbenzene
 Concen: 54.253 ug/l
 RT: 14.20 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

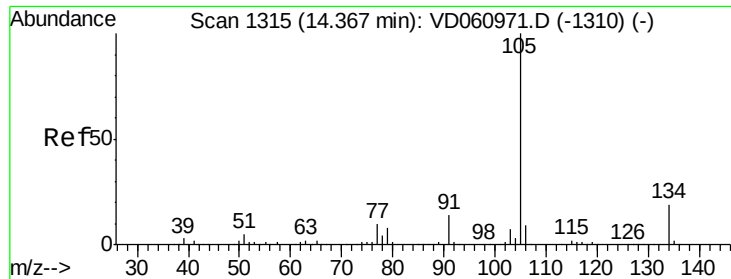
Tgt Ion:119 Resp: 1356833
 Ion Ratio Lower Upper
 119 100
 91 61.7 30.1 90.3
 134 24.3 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 49.558 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.02 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

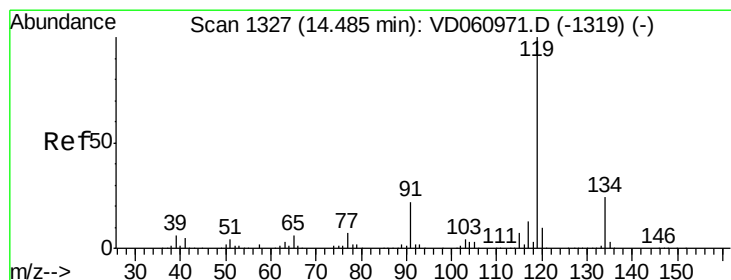
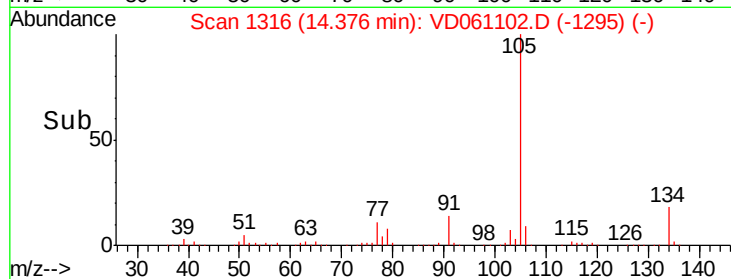
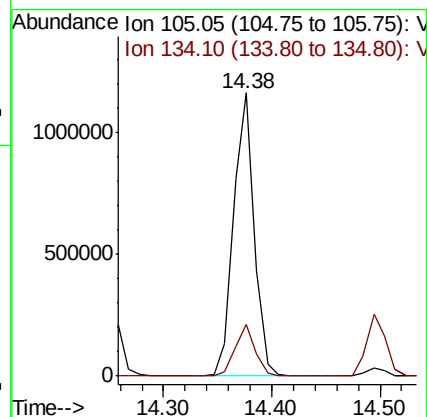
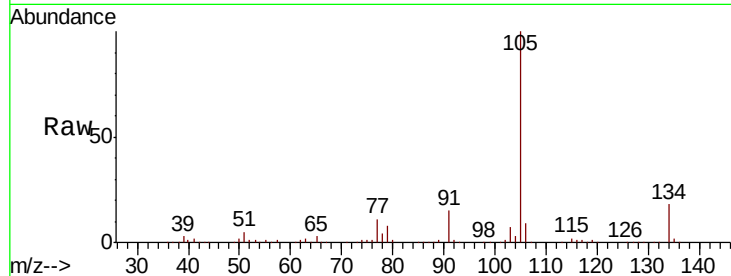
Tgt Ion:105 Resp: 1132533
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.9 68.5





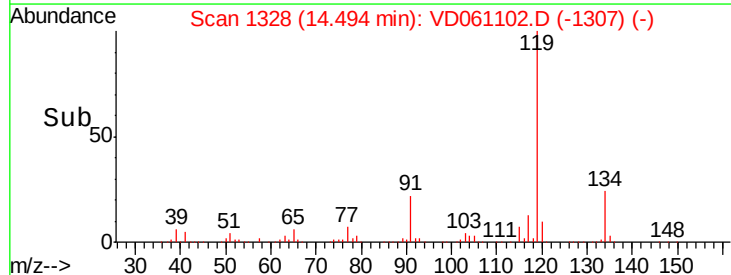
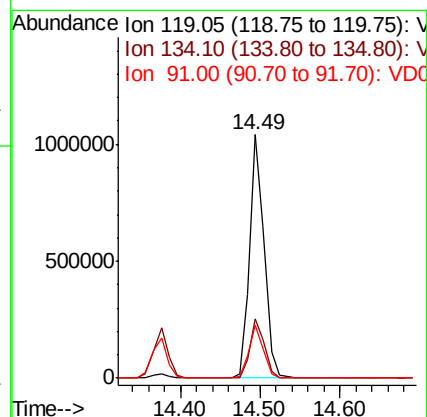
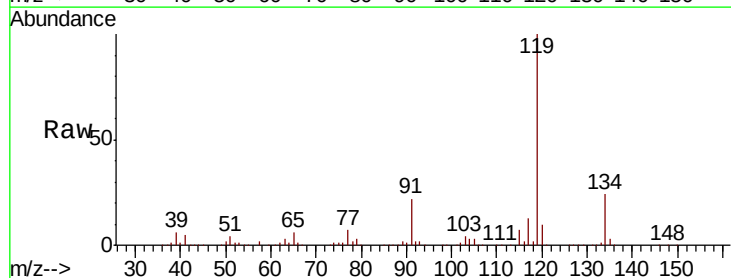
#85
 sec-Butylbenzene
 Concen: 50.306 ug/l
 RT: 14.38 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

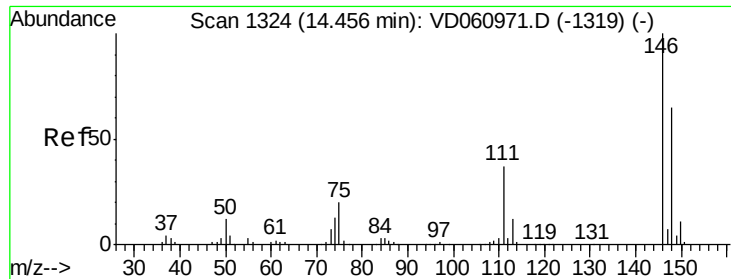
Tgt Ion:105 Resp: 1535924
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 52.069 ug/l
 RT: 14.49 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

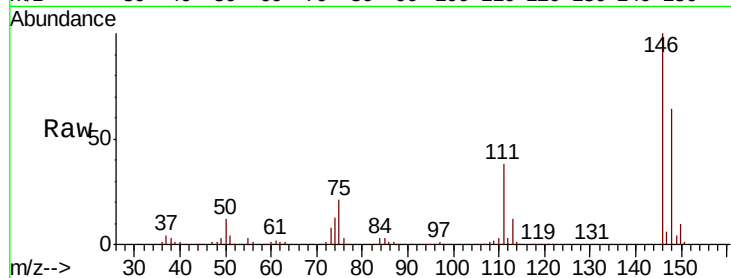
Tgt Ion:119 Resp: 1299470
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.0 36.1
 91 21.9 11.2 33.6



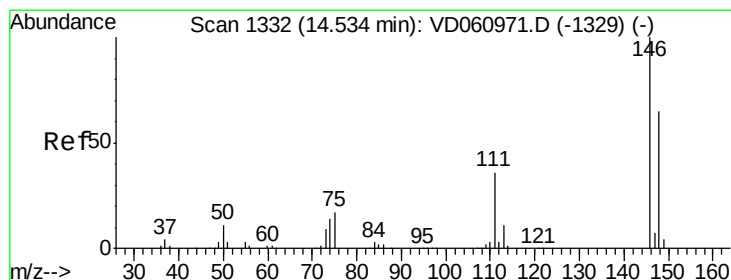
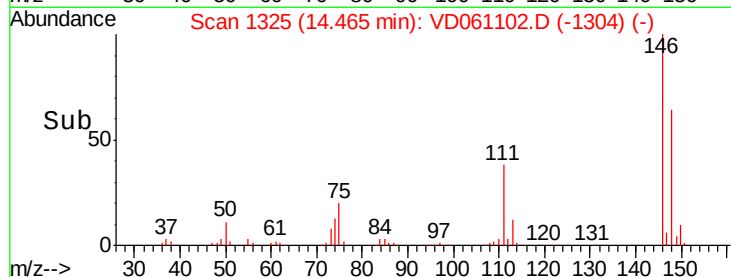
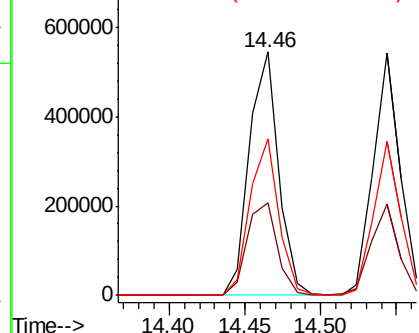


#87
 1,3-Dichlorobenzene
 Concen: 53.500 ug/l
 RT: 14.46 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.4
148	64.3	32.5	97.4

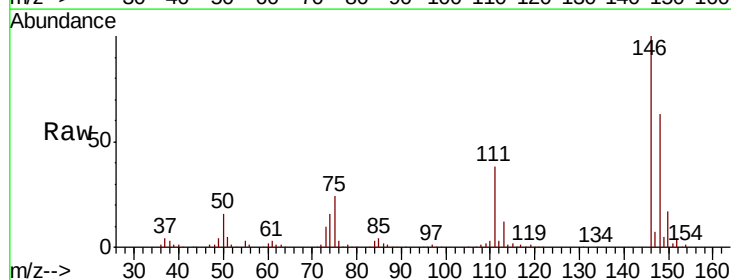


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

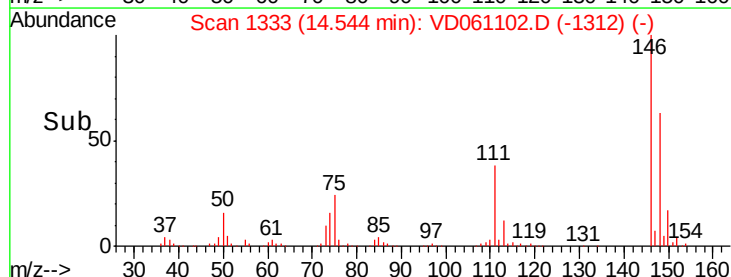
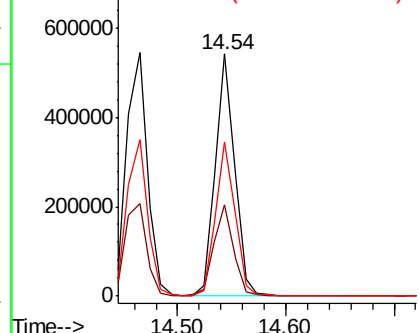


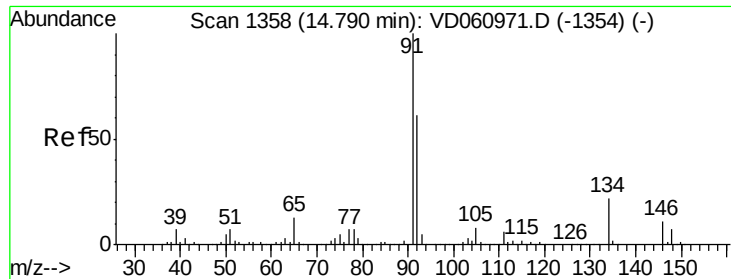
#88
 1,4-Dichlorobenzene
 Concen: 49.927 ug/l
 RT: 14.54 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.4	55.2
148	63.4	32.5	97.5



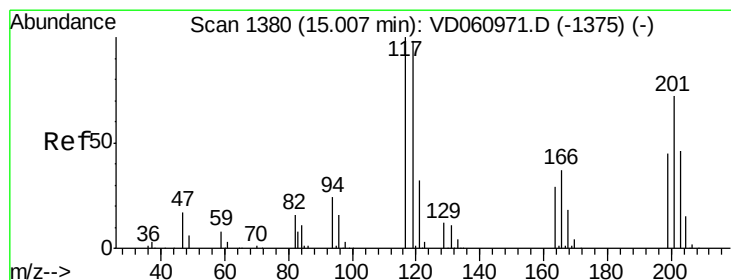
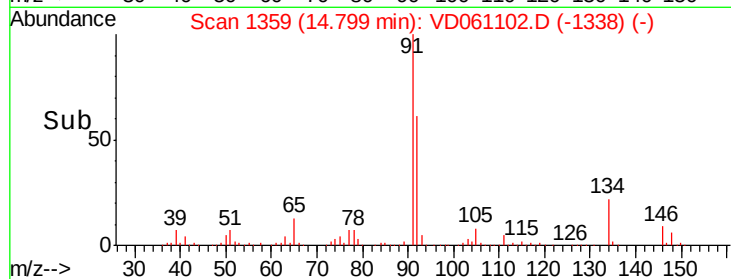
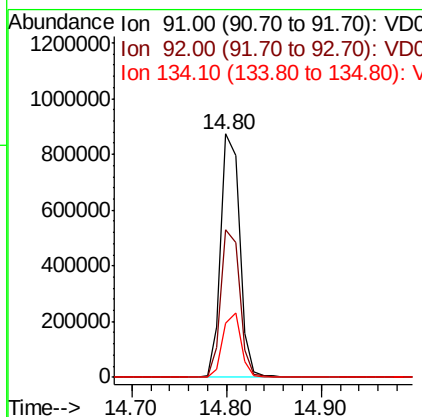
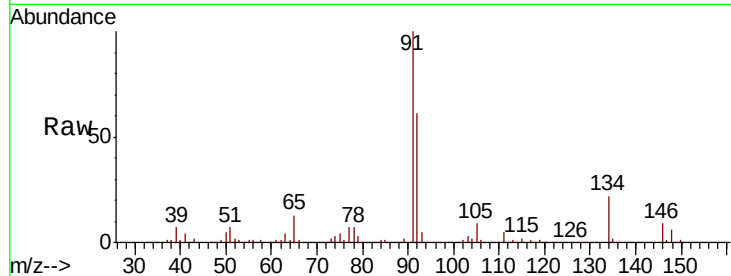
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





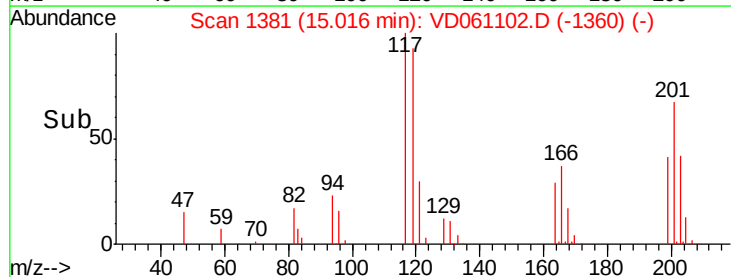
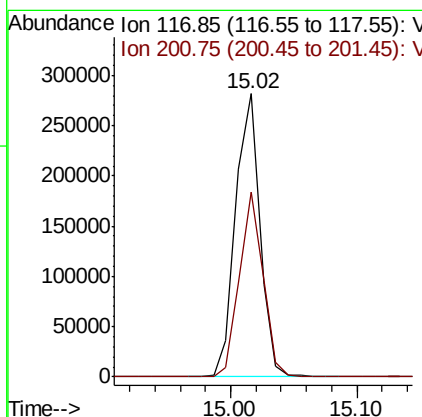
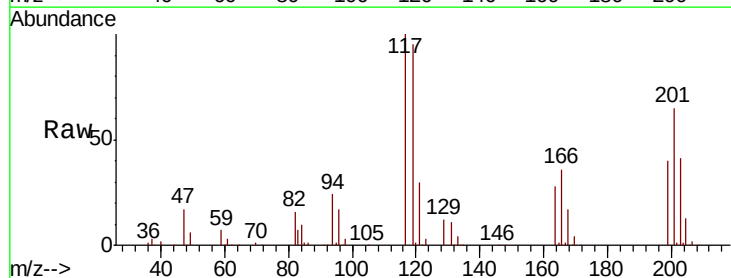
#89
n-Butylbenzene
Concen: 50.570 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

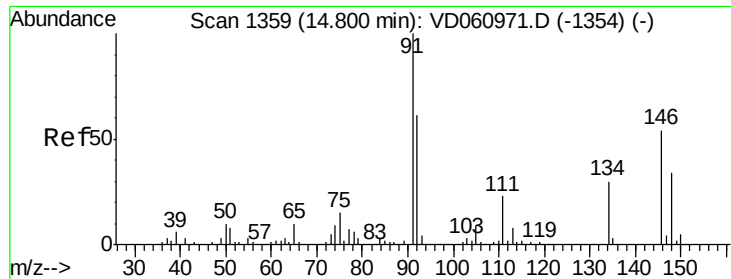
Tgt Ion: 91 Resp: 1211977
Ion Ratio Lower Upper
91 100
92 60.8 30.6 91.8
134 22.3 11.0 33.0



#90
Hexachloroethane
Concen: 53.166 ug/l
RT: 15.02 min Scan# 1381
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

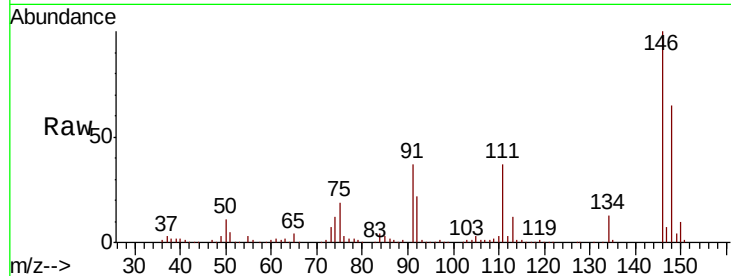
Tgt Ion: 117 Resp: 374660
Ion Ratio Lower Upper
117 100
201 65.1 36.2 108.6



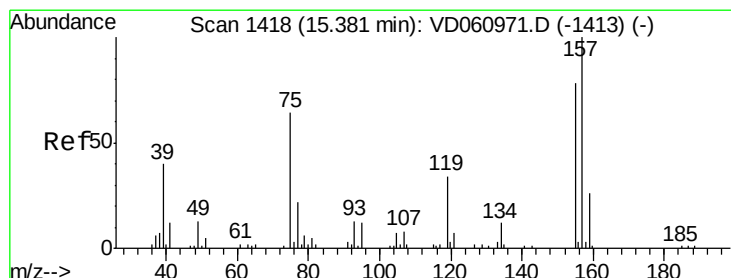
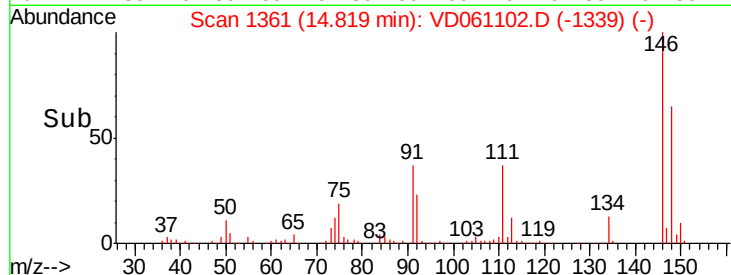
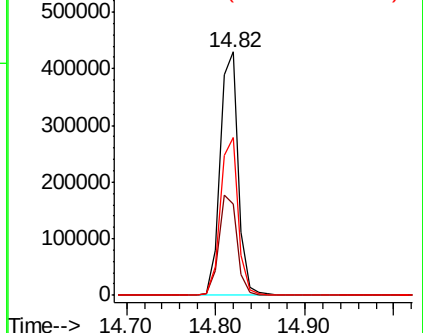


#91
 1,2-Dichlorobenzene
 Concen: 53.398 ug/l
 RT: 14.82 min Scan# 1361
 Delta R.T. 0.02 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion: 146 Resp: 610818
 Ion Ratio Lower Upper
 146 100
 111 37.3 21.5 64.5
 148 64.8 30.9 92.8

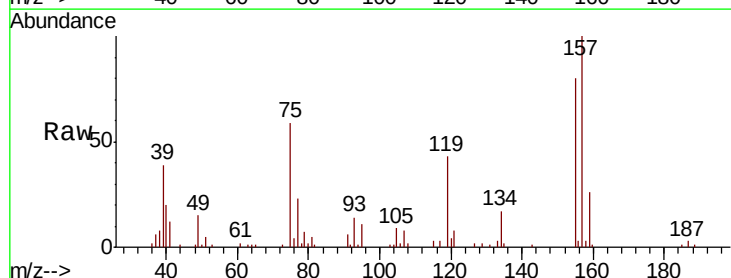


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

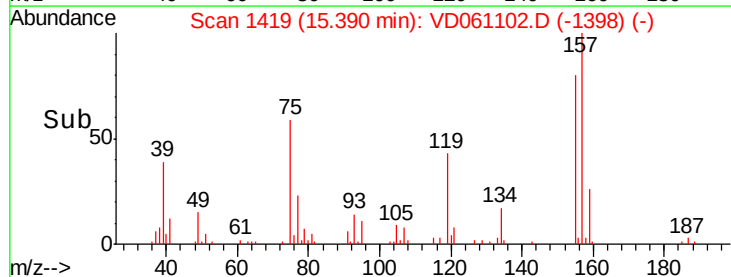
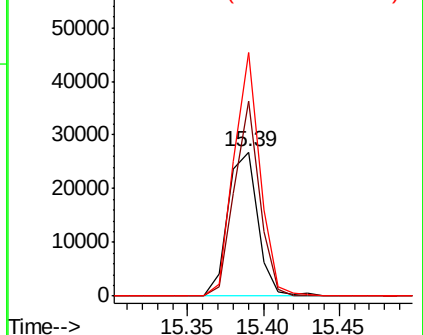


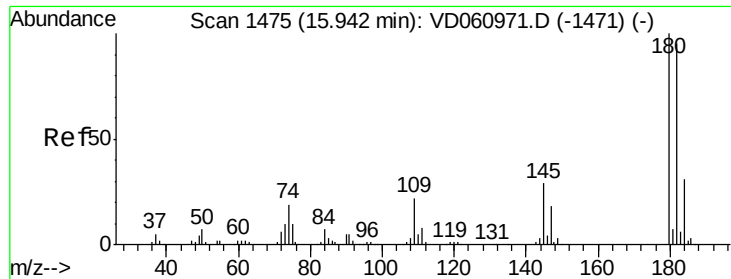
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.504 ug/l
 RT: 15.39 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion: 75 Resp: 37159
 Ion Ratio Lower Upper
 75 100
 155 134.7 61.2 183.5
 157 168.7 78.3 234.8



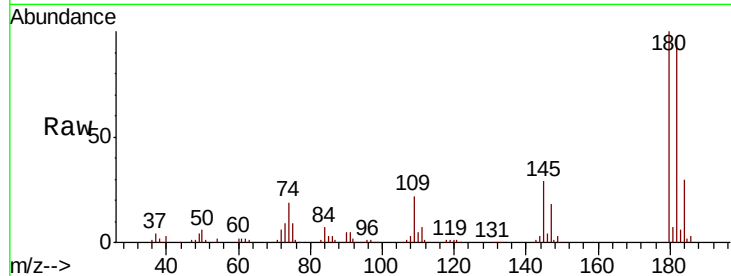
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



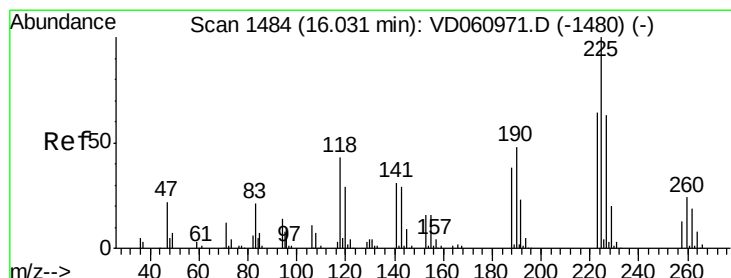
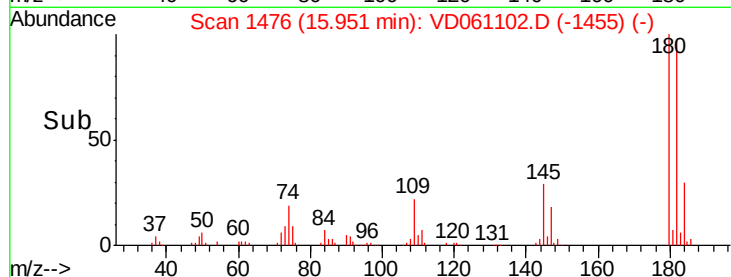
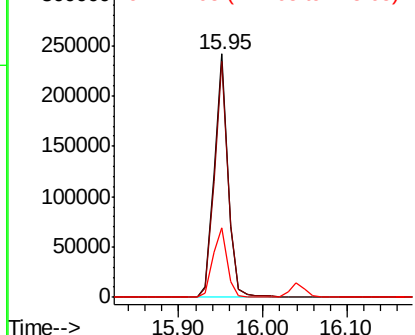


#93
 1,2,4-Trichlorobenzene
 Concen: 51.593 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion:180 Resp: 273775
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 142.0
 145 28.7 14.4 43.0

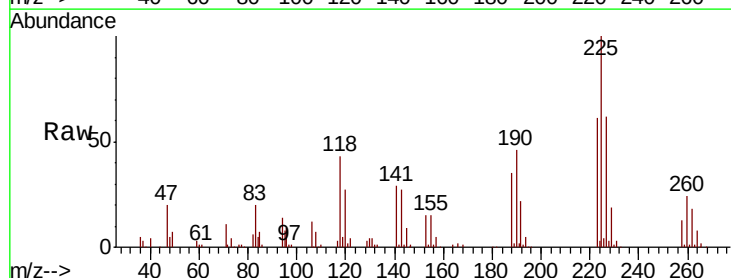


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

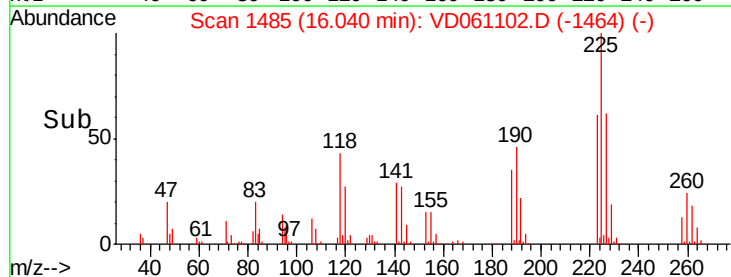
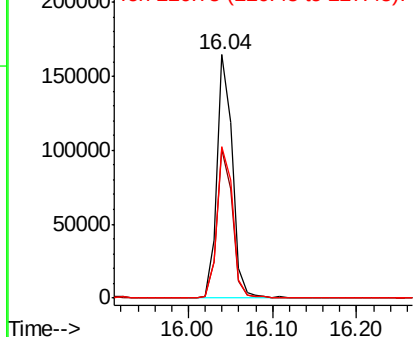


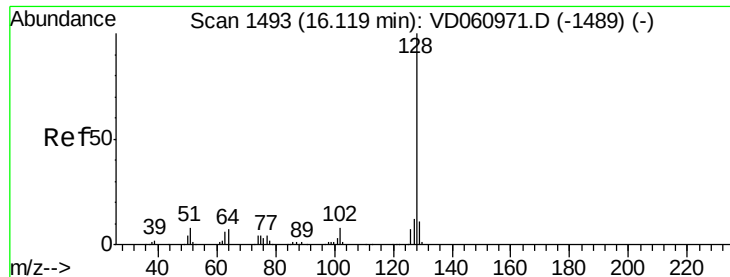
#94
 Hexachlorobutadiene
 Concen: 52.268 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion:225 Resp: 209789
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.8 95.3
 227 62.1 31.4 94.0



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





#95

Naphthalene

Concen: 50.305 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

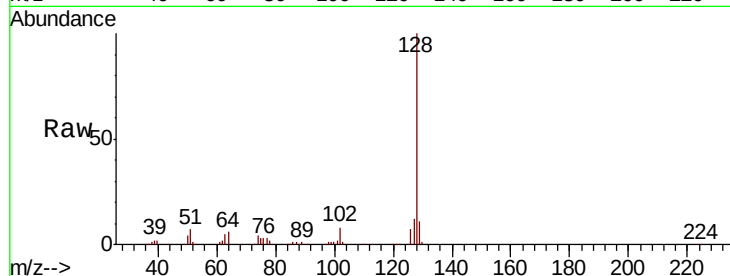
Tgt Ion:128 Resp: 405655

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.8

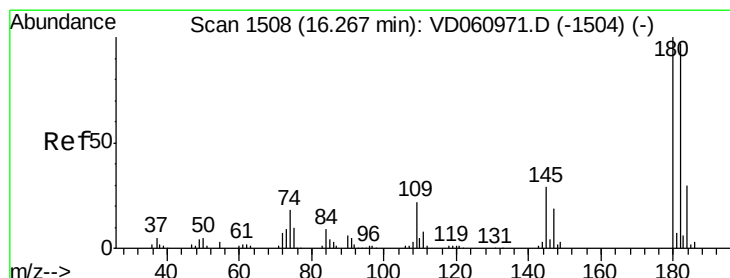
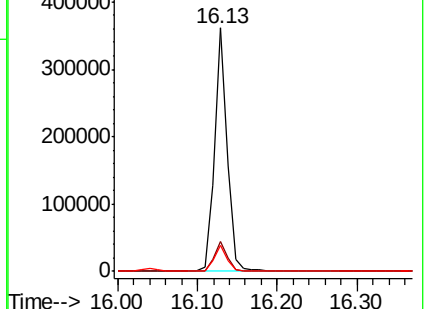
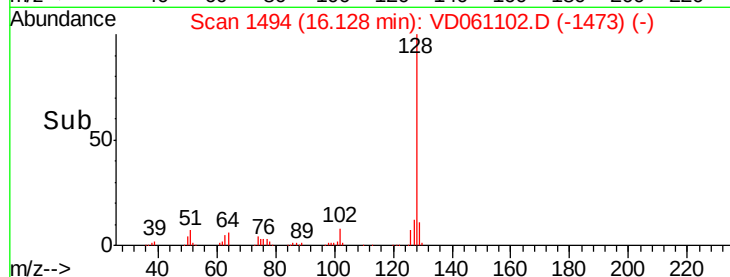
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.319 ug/l

RT: 16.28 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

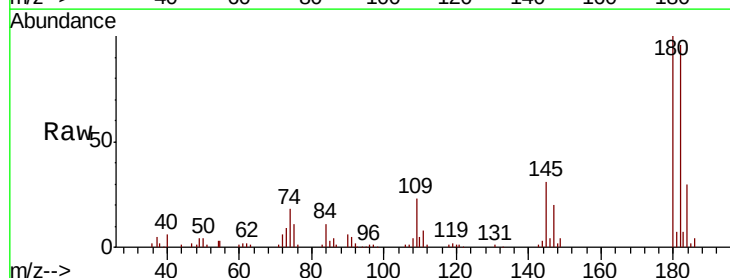
Tgt Ion:180 Resp: 121397

Ion Ratio Lower Upper

180 100

182 95.7 48.6 145.8

145 30.8 14.3 42.9



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

