

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 04:08:52 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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

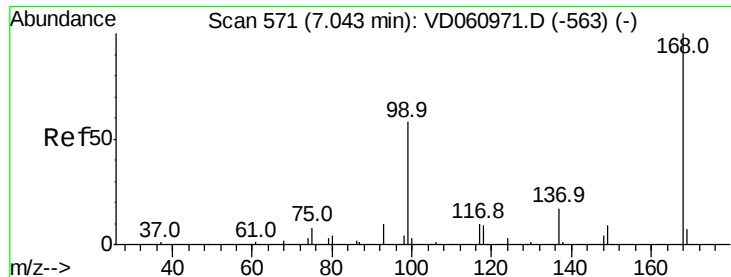
39) Methylcyclohexane	8.88	83	555050	54.419	ug/l	97
40) Benzene	7.48	78	1220798	49.669	ug/l	99
41) Methacrylonitrile	6.46	41	257157m	48.435	ug/l	
42) 1,2-Dichloroethane	7.59	62	376357	52.765	ug/l	98
43) Isopropyl Acetate	9.25	43	326812	51.119	ug/l	96
44) Trichloroethene	8.56	130	454891	53.646	ug/l	99
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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Response via : Initial Calibration

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

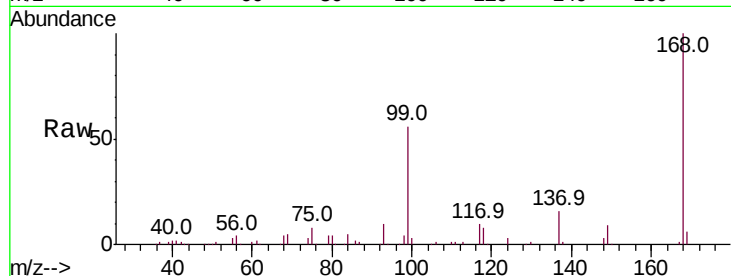
Acq: 16 Mar 2019 11:01

Tot 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

7.06

250000

200000

150000

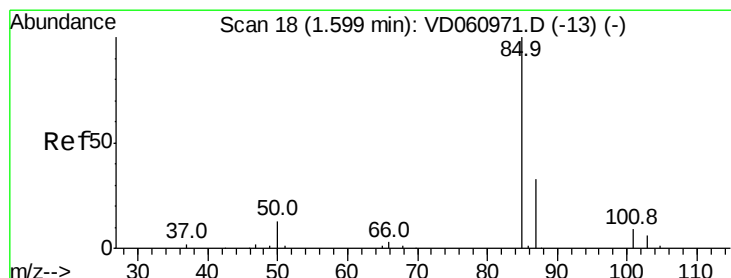
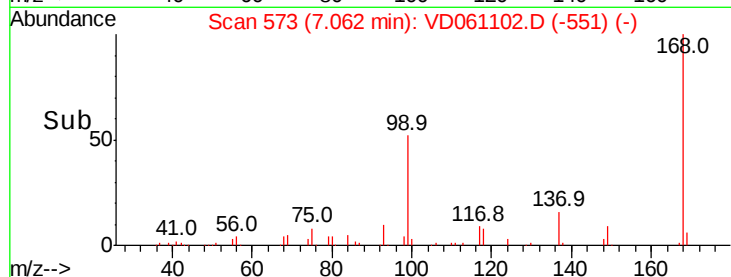
100000

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

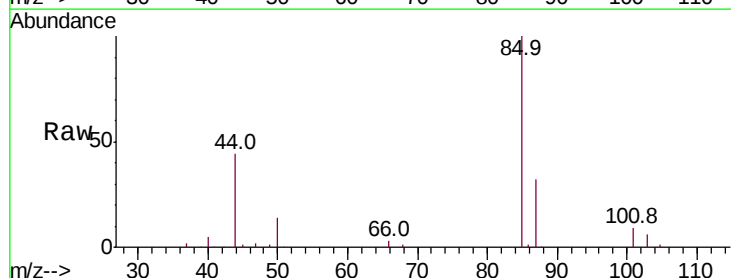
Acq: 16 Mar 2019 11:01

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

1.59

150000

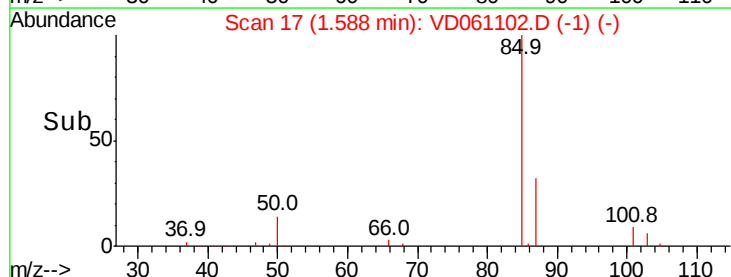
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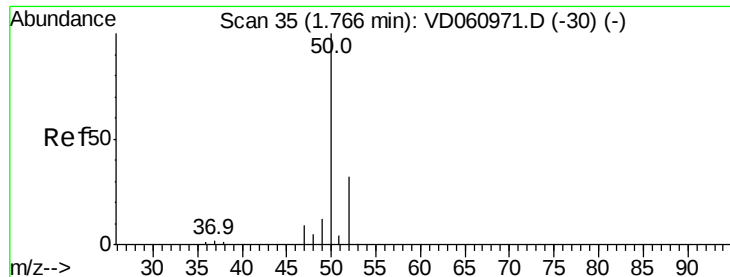
50000

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

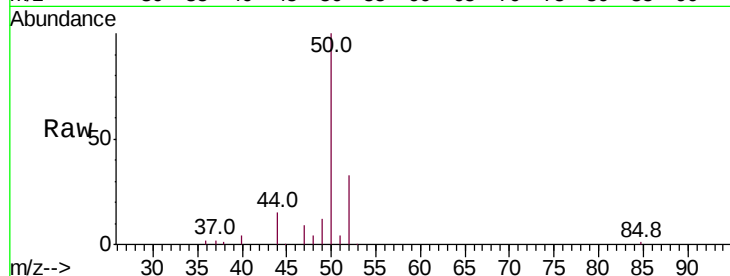
Acq: 16 Mar 2019 11:01

Tot 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

1.77

80000

60000

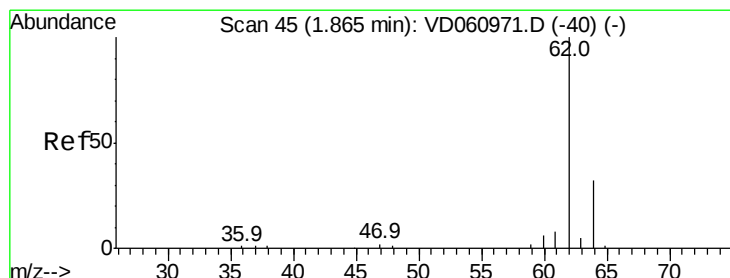
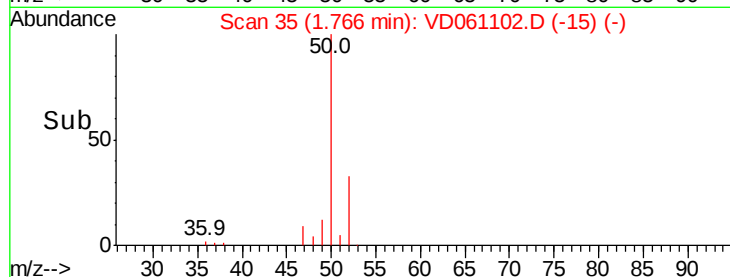
40000

20000

0

Time-->

1.60 1.70 1.80 1.90 2.00



#4

Vinyl Chloride

Concen: 48.004 ug/l

RT: 1.86 min Scan# 45

Delta R.T. -0.00 min

Lab File: VD061102.D

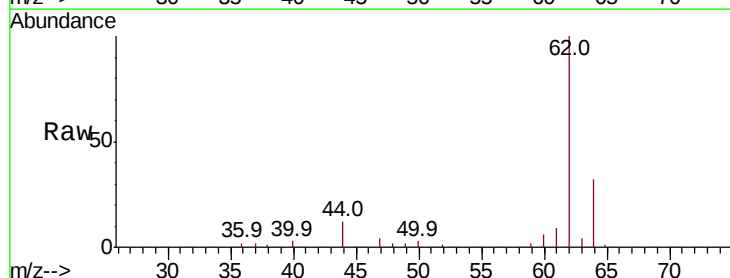
Acq: 16 Mar 2019 11:01

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

1.86

150000

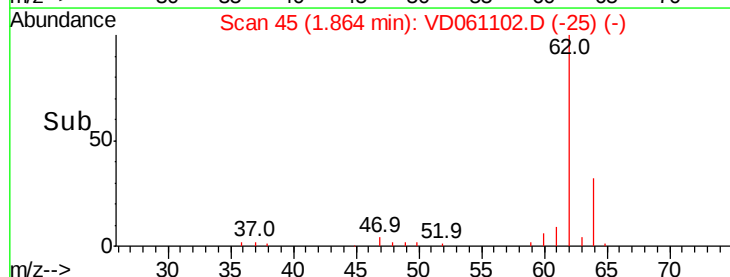
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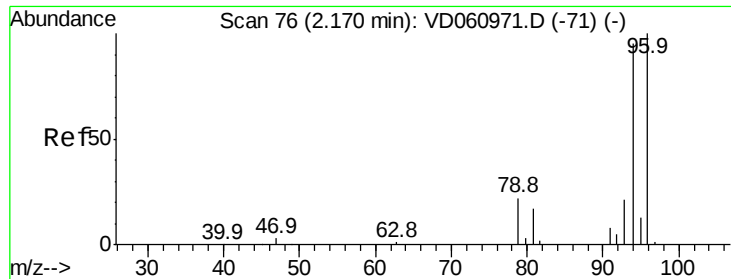
50000

0

Time-->

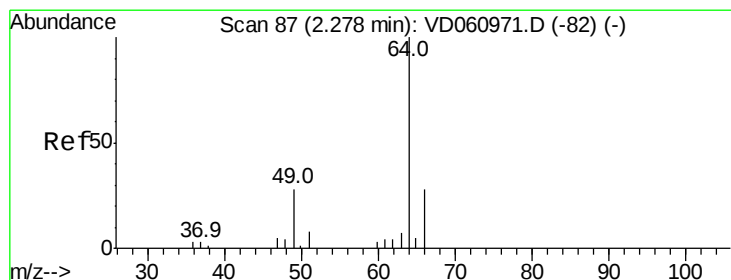
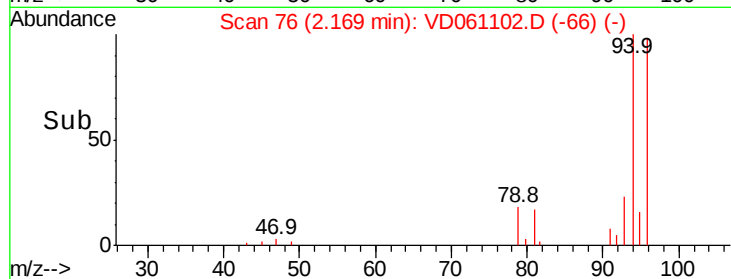
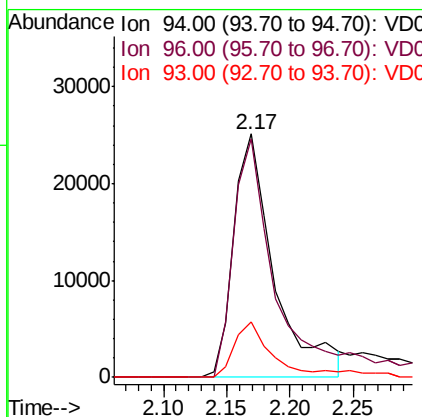
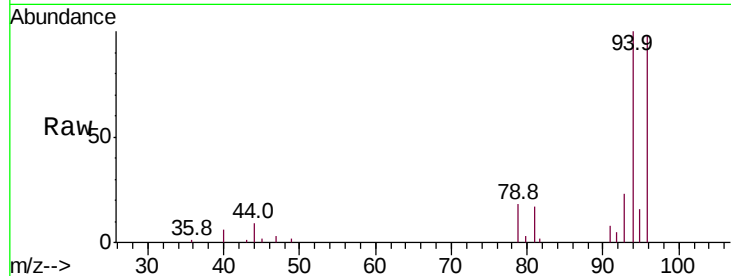
1.80 1.90 2.00 2.10





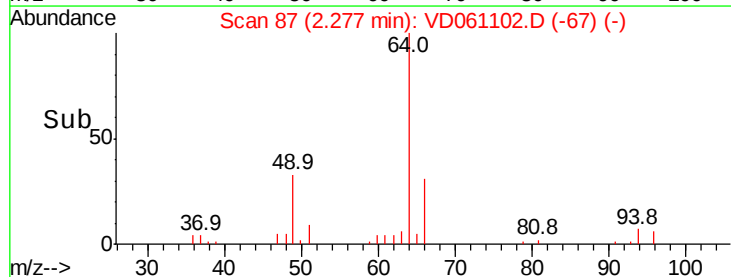
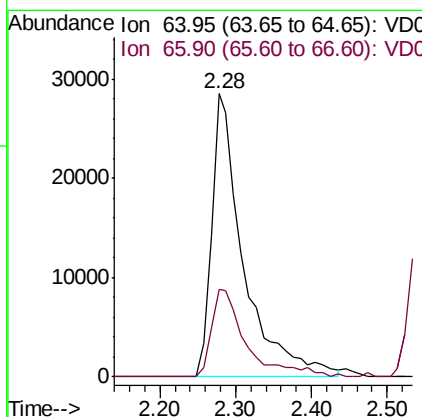
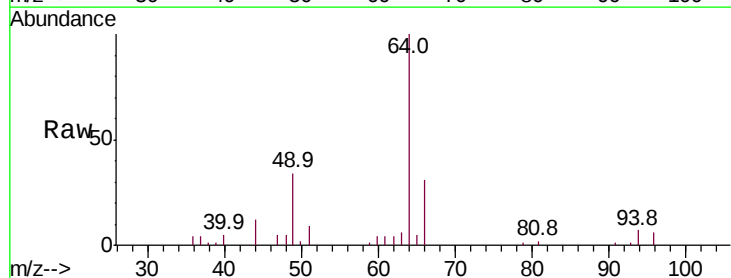
#5
Bromomethane
Concen: 60.380 ug/l
RT: 2.17 min Scan# 76
Delta R.T. 0.00 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

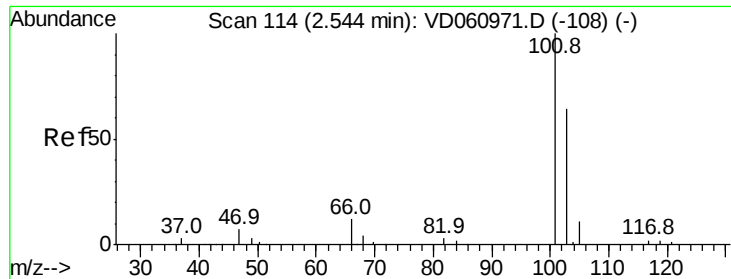
Tot Ion: 94 Resp: 56337
Ion Ratio Lower Upper
94 100
96 98.0 84.0 126.0
93 22.8 17.3 25.9



#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

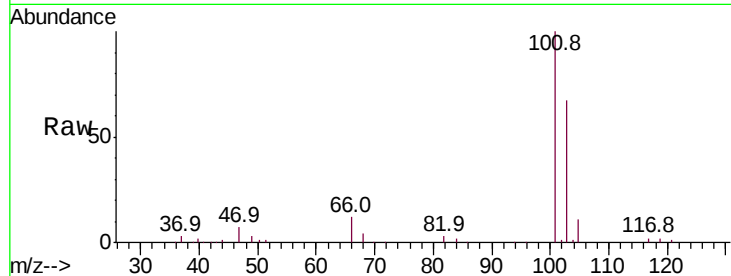




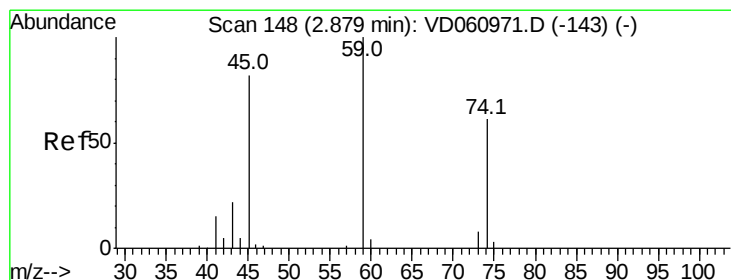
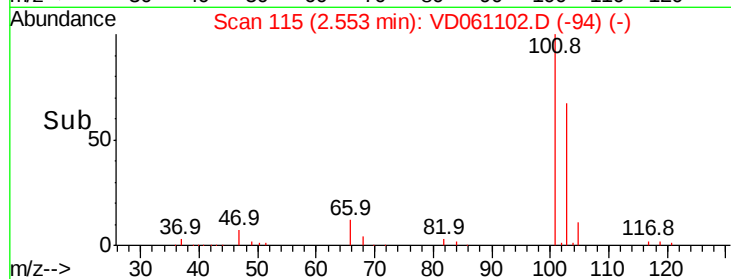
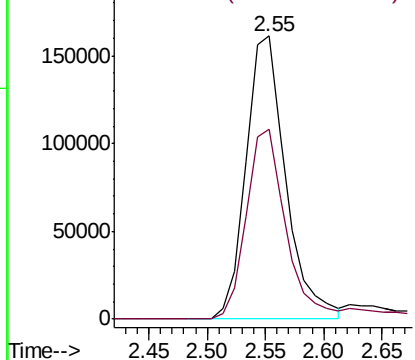
#7

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

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



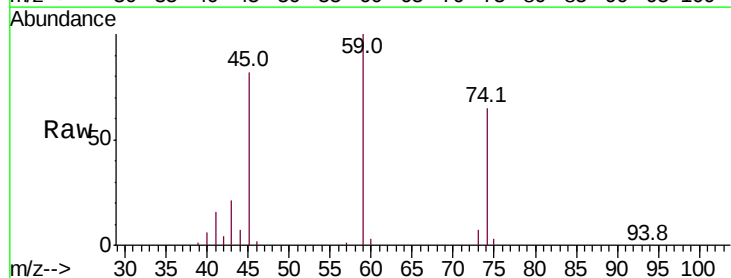
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



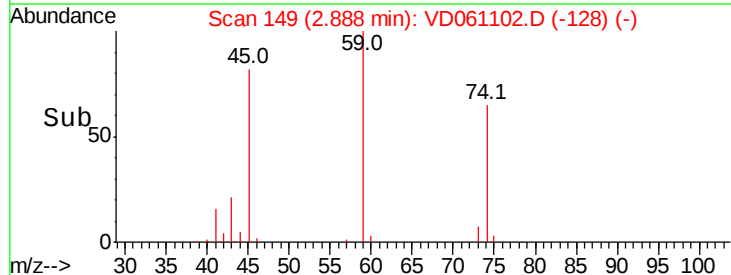
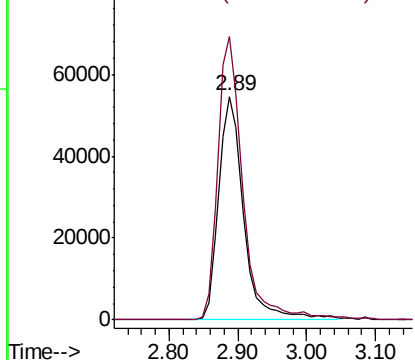
#8

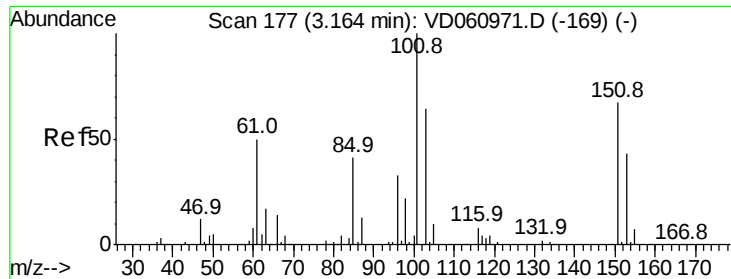
Diethyl Ether
Concen: 52.853 ug/l
RT: 2.89 min Scan# 149
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

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

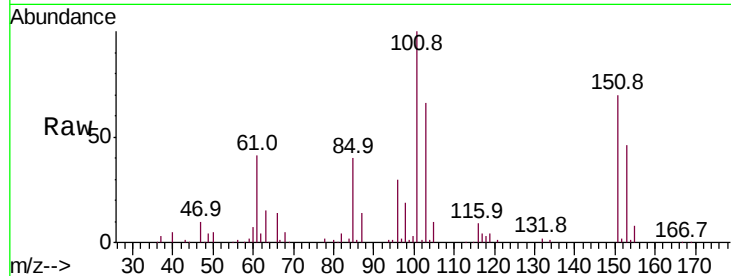
Tot Ion:101 Resp: 430110

Ion Ratio Lower Upper

101 100

85 39.9 32.5 48.7

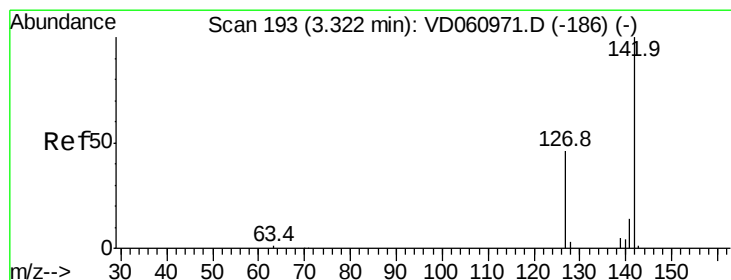
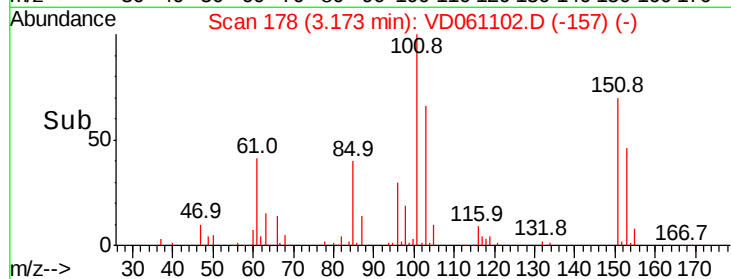
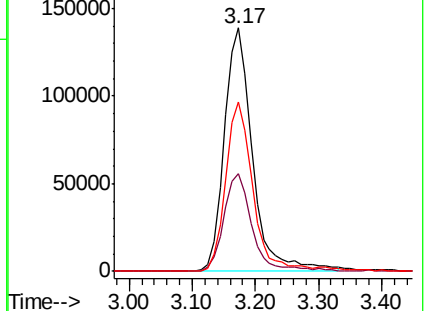
151 69.5 53.3 79.9



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

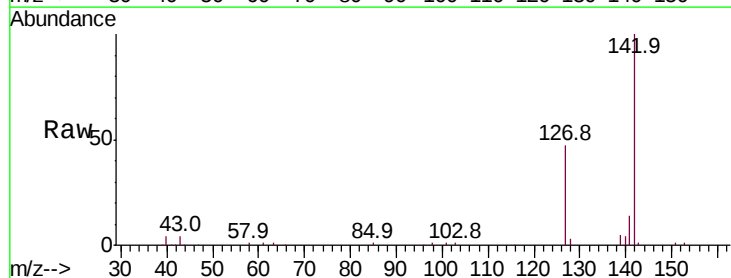
Tgt Ion:142 Resp: 613654

Ion Ratio Lower Upper

142 100

127 47.3 36.8 55.2

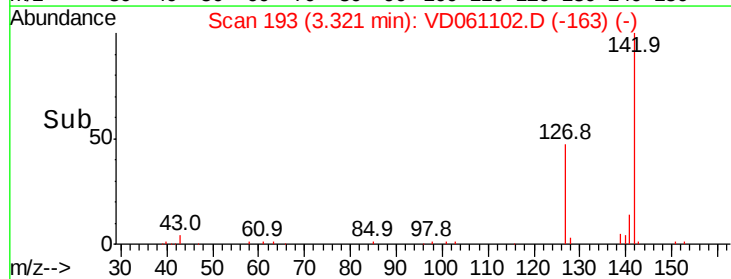
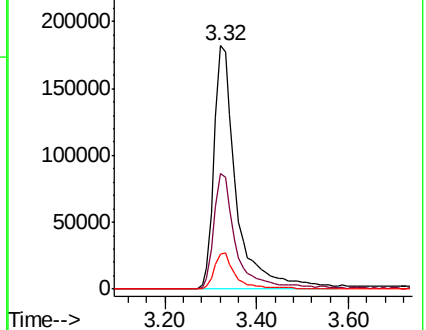
141 14.2 11.2 16.8

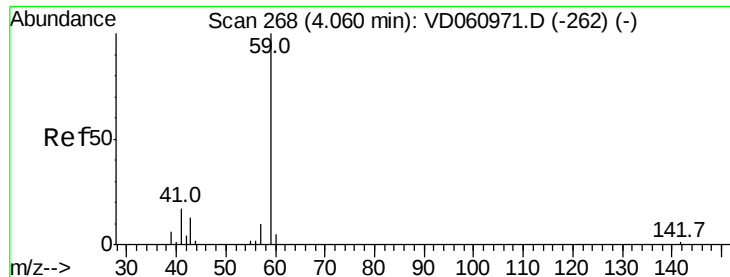


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

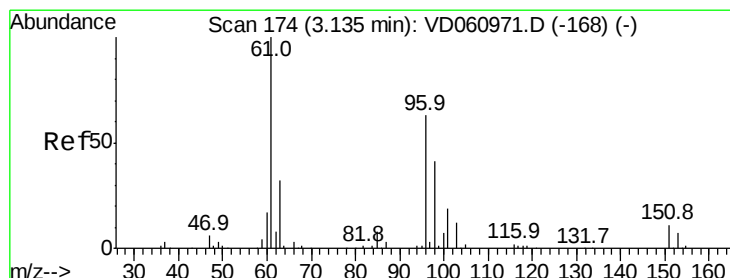
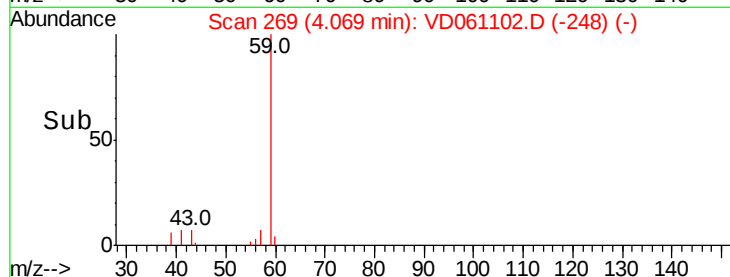
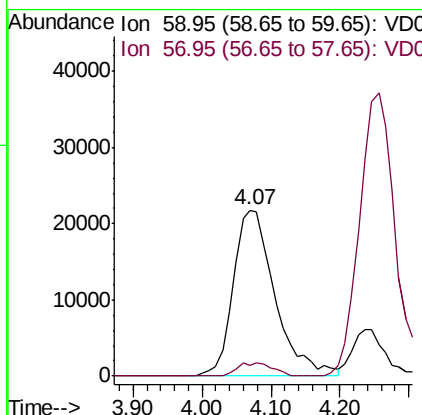
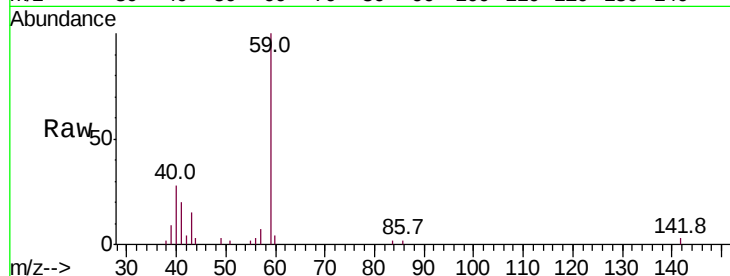




#11

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

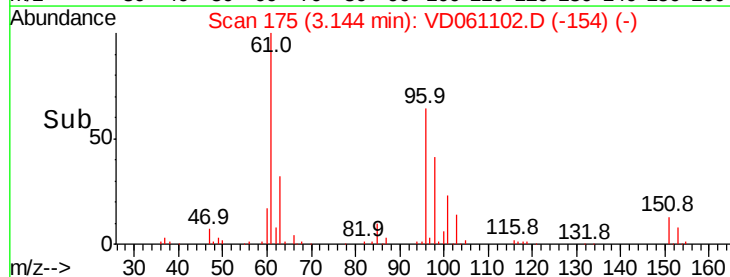
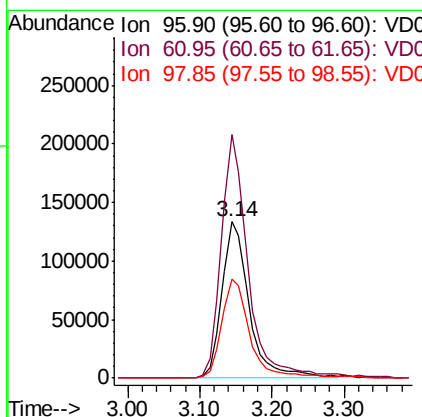
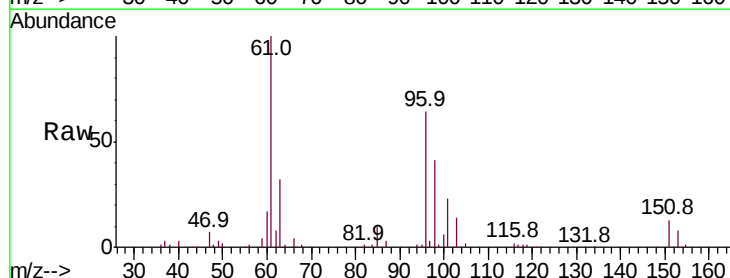
Tot Ion: 59 Resp: 91367
Ion Ratio Lower Upper
59 100
57 6.8 7.1 10.7#

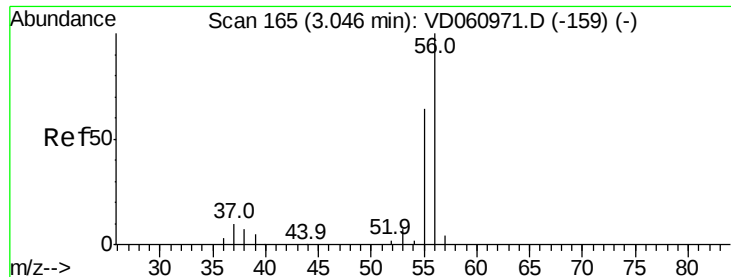


#12

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





#13

Acrolein

Concen: 197.422 ug/l

RT: 3.06 min Scan# 166

Delta R.T. 0.01 min

Lab File: VD061102.D

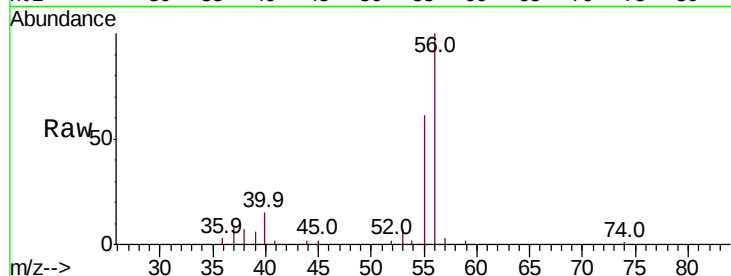
Acq: 16 Mar 2019 11:01

Tot 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

3.06

40000

30000

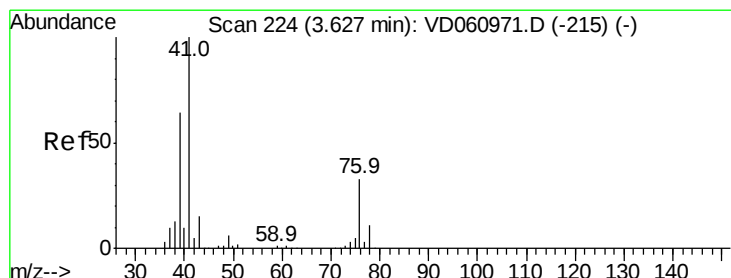
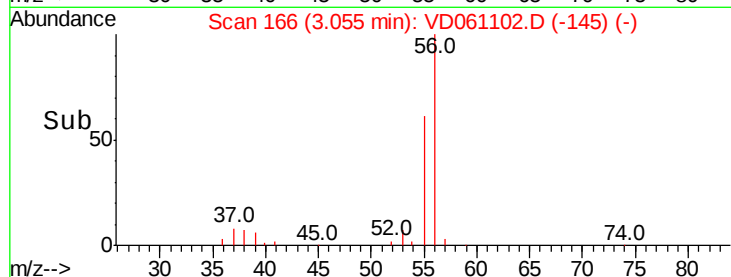
20000

10000

0

Time-->

2.90 3.00 3.10 3.20



#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

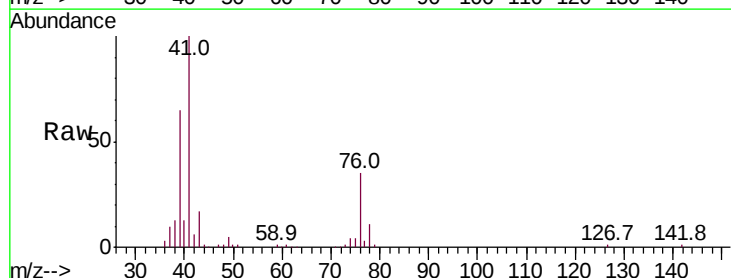
Tgt Ion: 41 Resp: 562894

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

250000

200000

150000

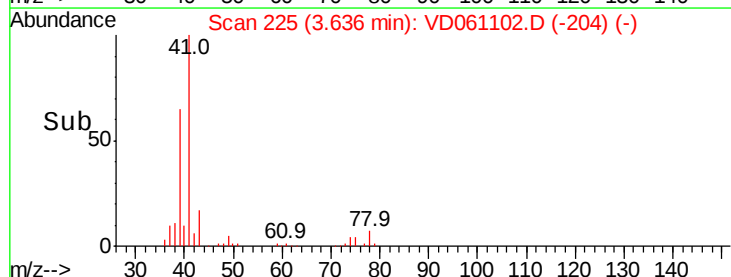
100000

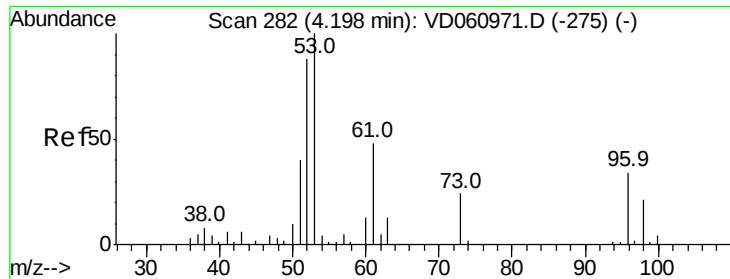
50000

0

Time-->

3.50 3.60 3.70 3.80





#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

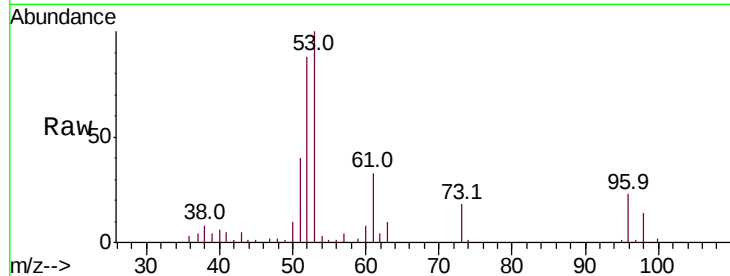
Tot Ion: 53 Resp: 340915

Ion Ratio Lower Upper

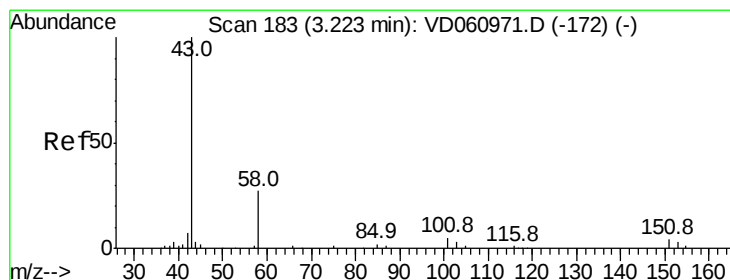
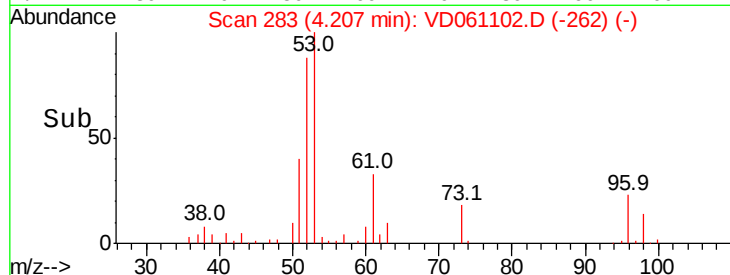
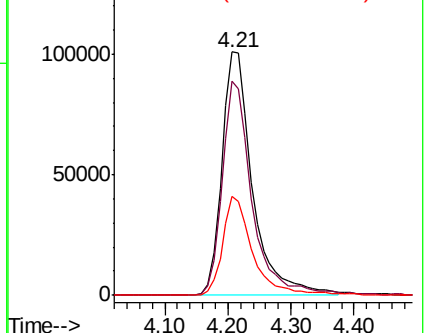
53 100

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

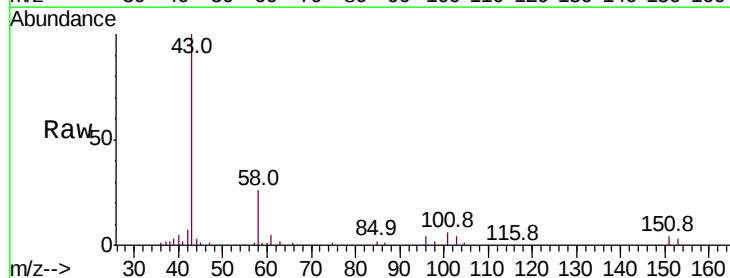
Acq: 16 Mar 2019 11:01

Tgt Ion: 43 Resp: 458731

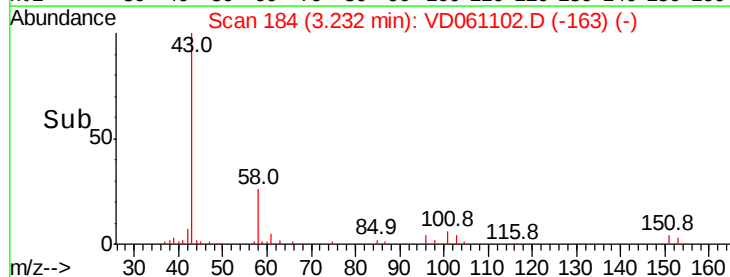
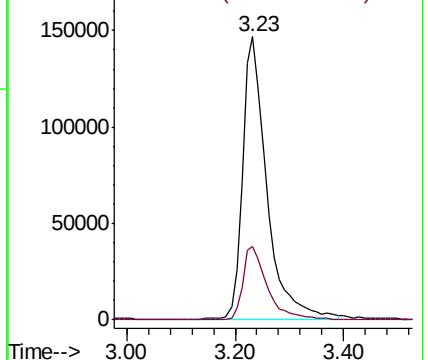
Ion Ratio Lower Upper

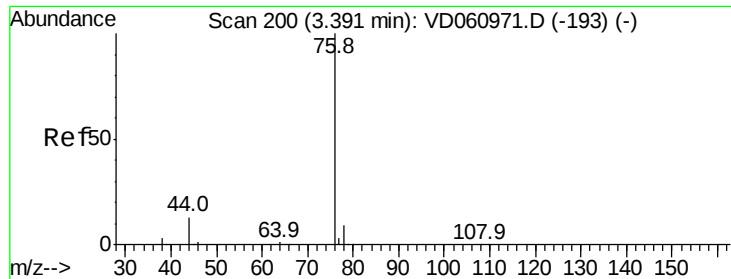
43 100

58 25.9 21.6 32.4



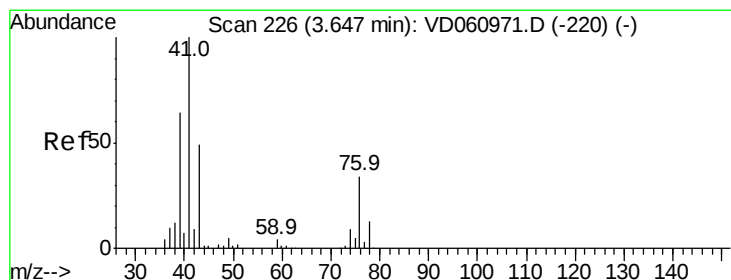
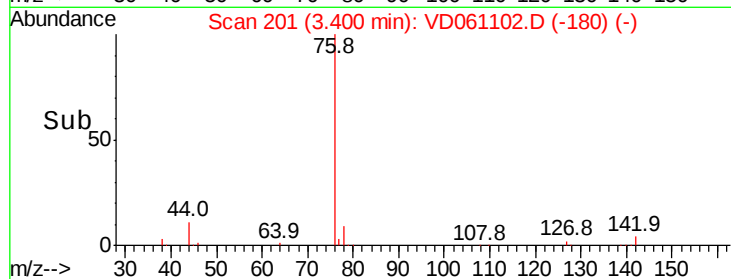
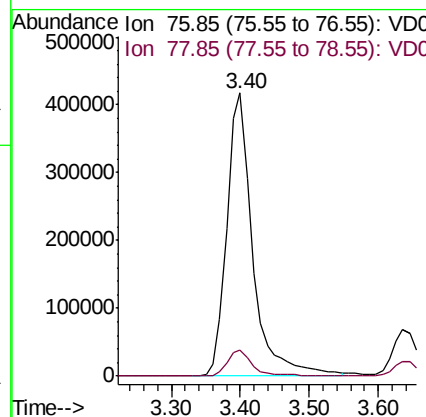
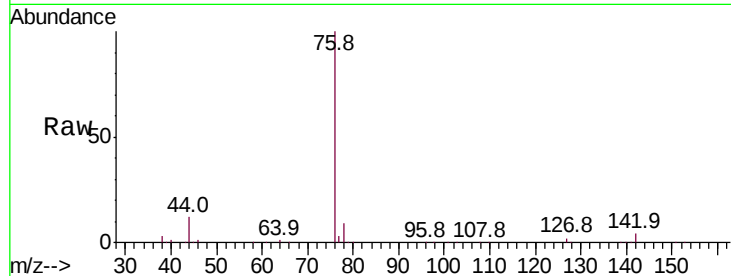
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





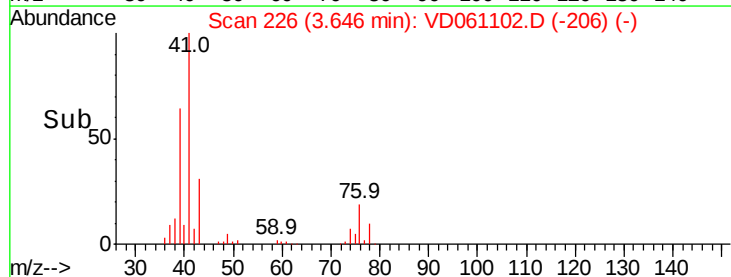
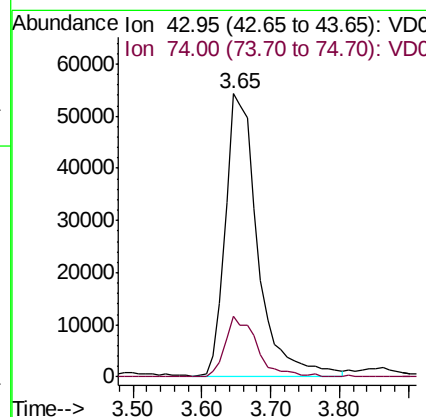
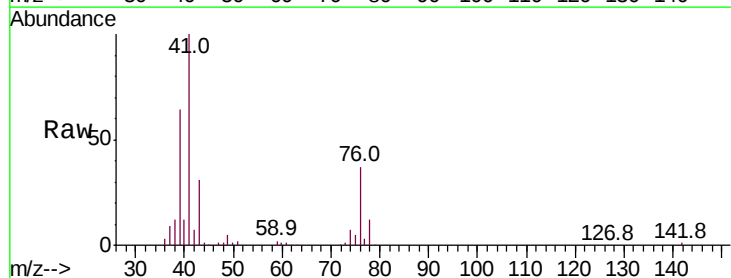
#17
Carbon Disulfide
Concen: 44.691 ug/l
RT: 3.40 min Scan# 201
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

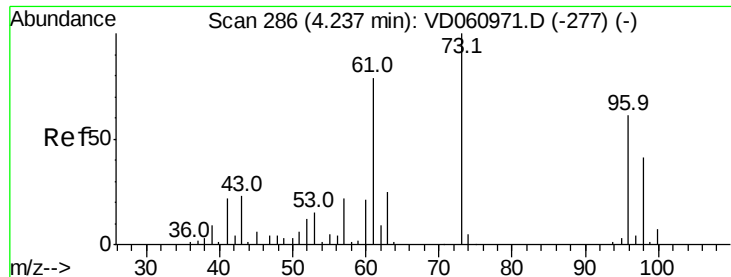
Tot Ion: 76 Resp: 1089417
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#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

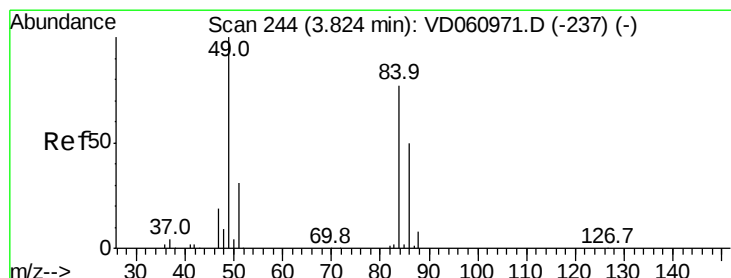
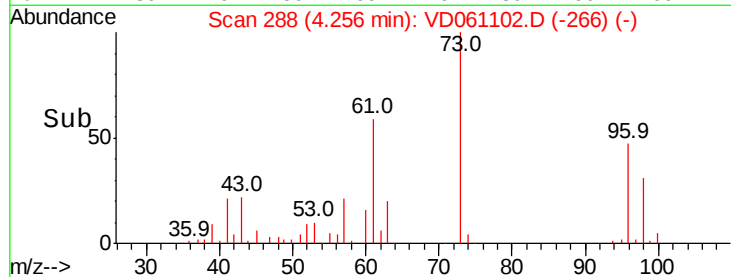
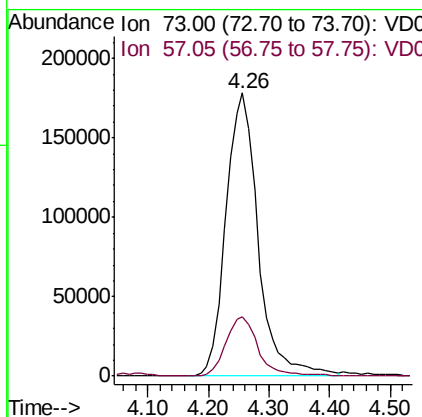
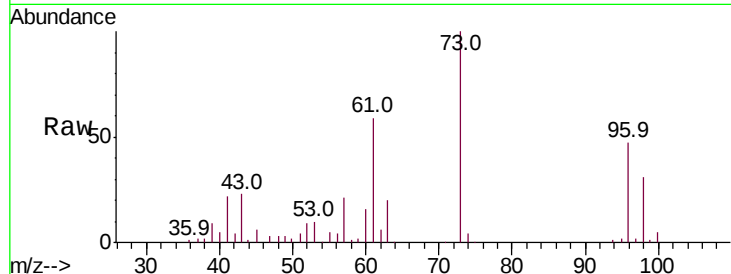




#19

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

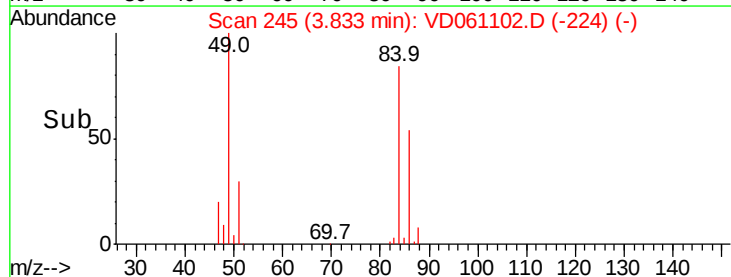
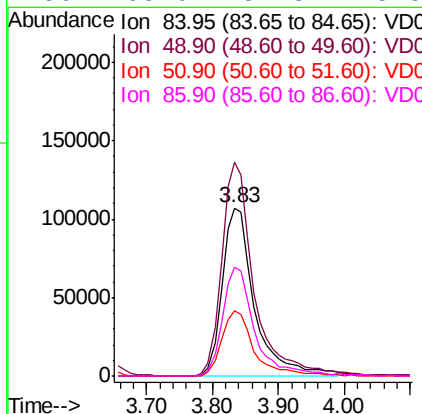
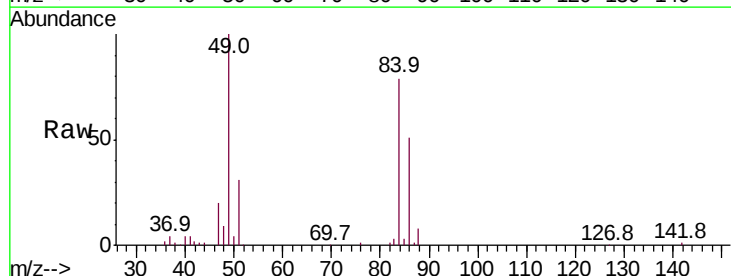
Tot Ion: 73 Resp: 658995
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.7 26.5

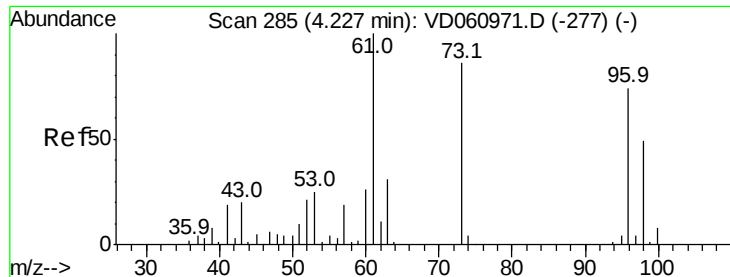


#20

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

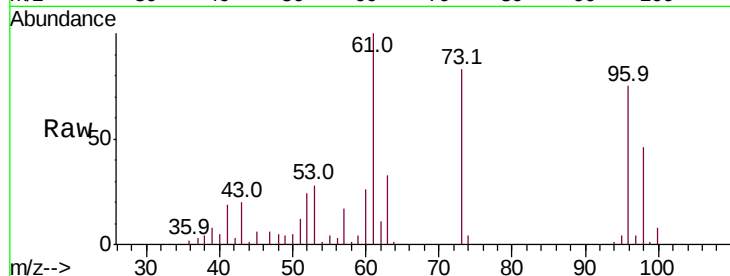
Tot Ion: 96 Resp: 397325

Ion Ratio Lower Upper

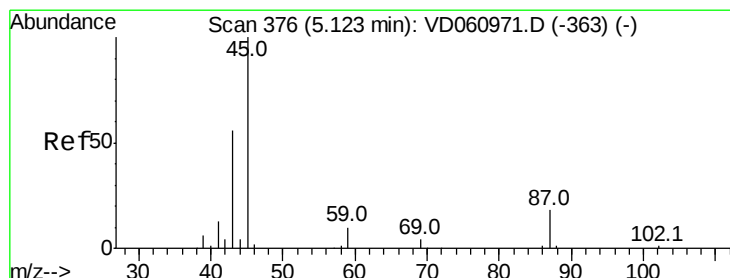
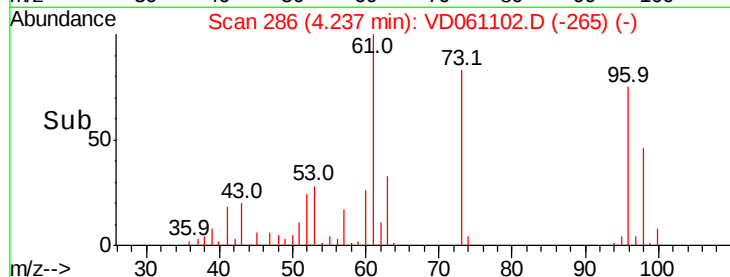
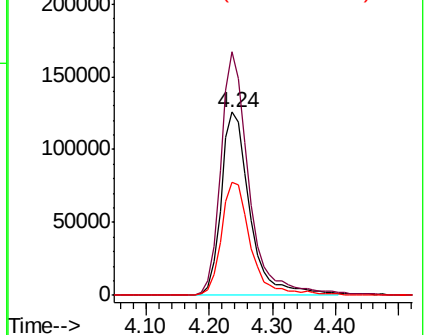
96 100

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

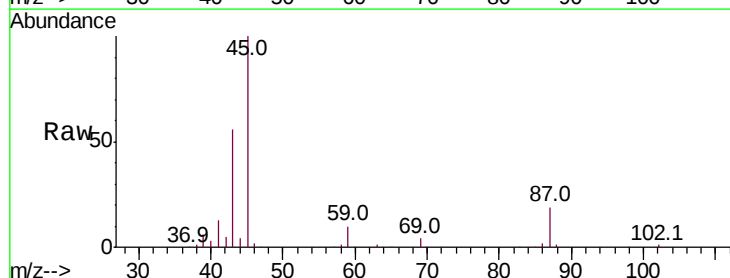
Ion Ratio Lower Upper

45 100

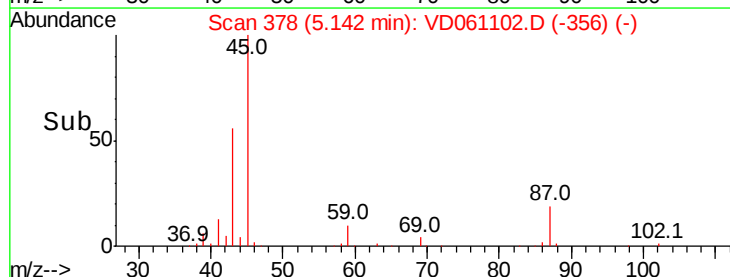
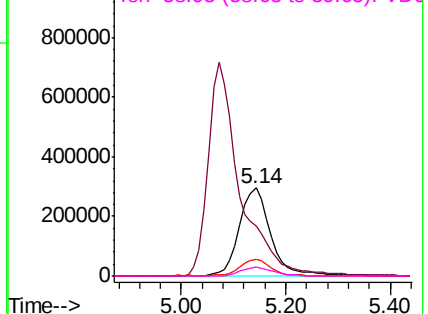
43 56.3 45.8 68.8

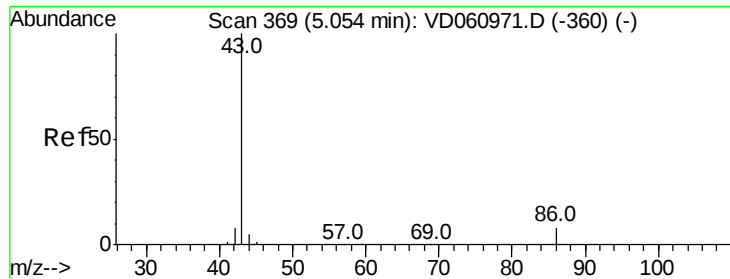
87 19.4 14.9 22.3

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

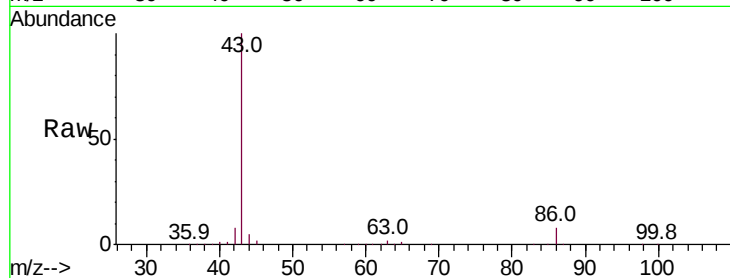
Acq: 16 Mar 2019 11:01

Tot 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

5.07

800000

600000

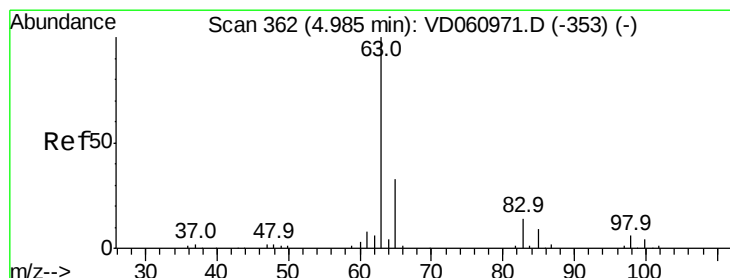
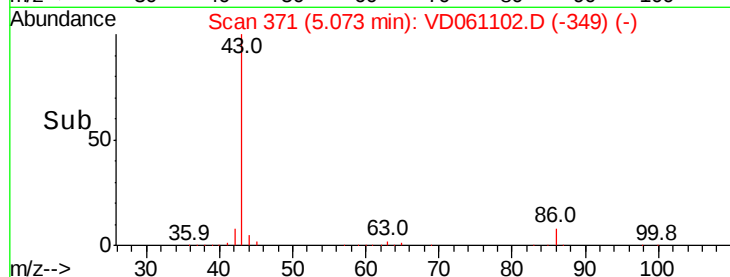
400000

200000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#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

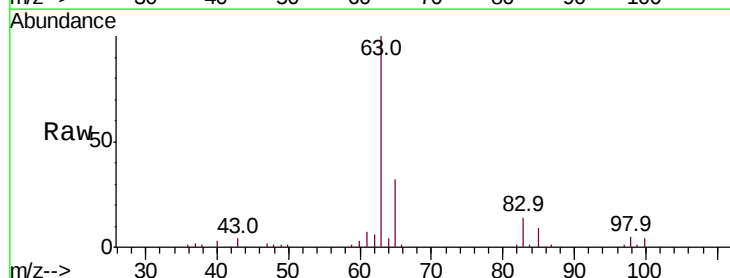
Tgt Ion: 63 Resp: 656591

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

200000

150000

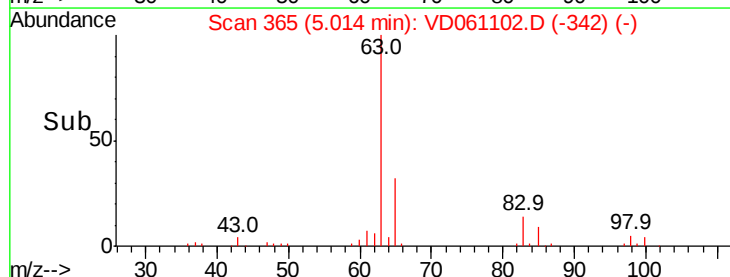
100000

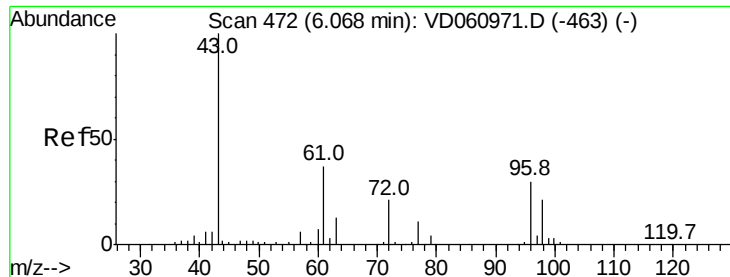
50000

0

Time-->

4.80 4.90 5.00 5.10 5.20





#25

2-Butanone

Concen: 281.351 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.02 min

Lab File: VD061102.D

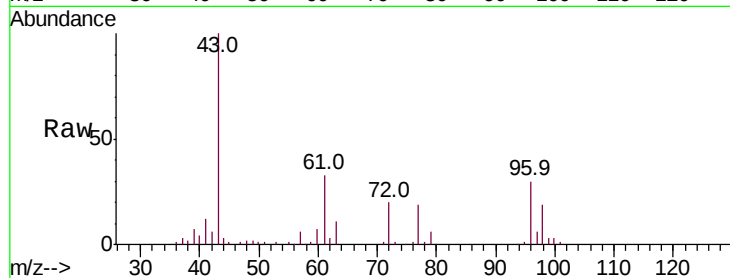
Acq: 16 Mar 2019 11:01

Tot 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

200000

150000

100000

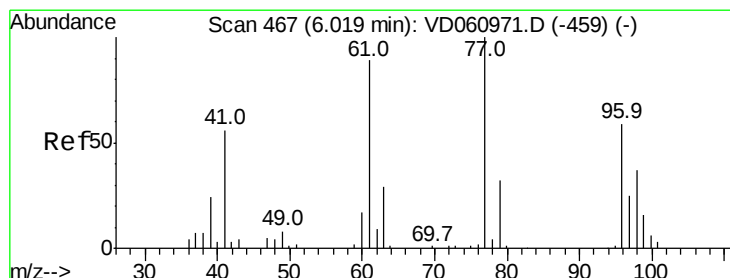
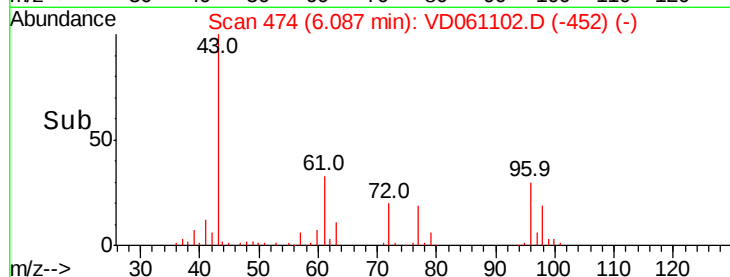
50000

0

6.09

6.00 6.10 6.20

Time-->



#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

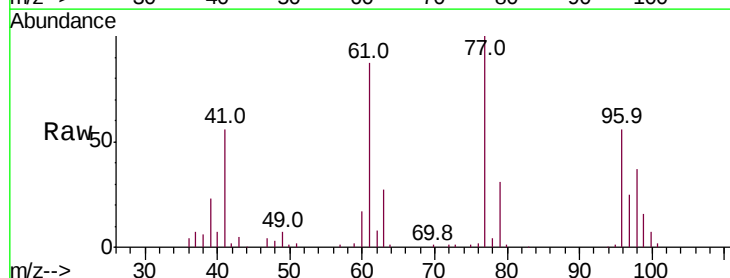
Acq: 16 Mar 2019 11:01

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

150000

100000

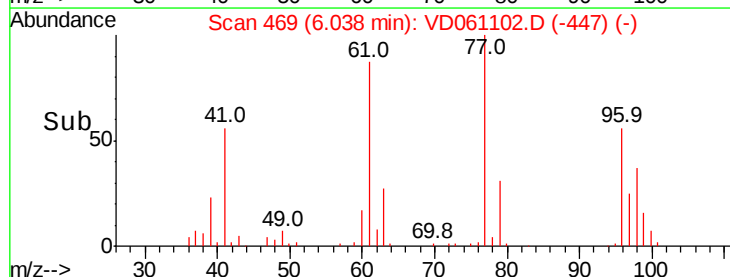
50000

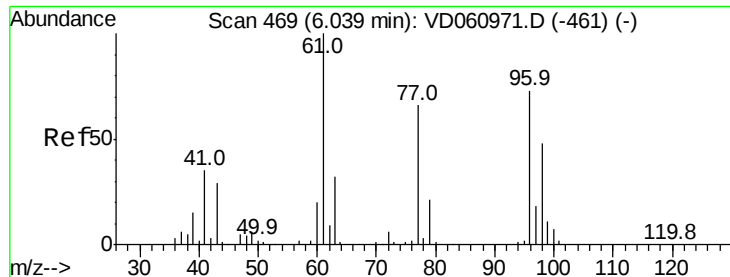
0

6.04

5.90 6.00 6.10 6.20

Time-->

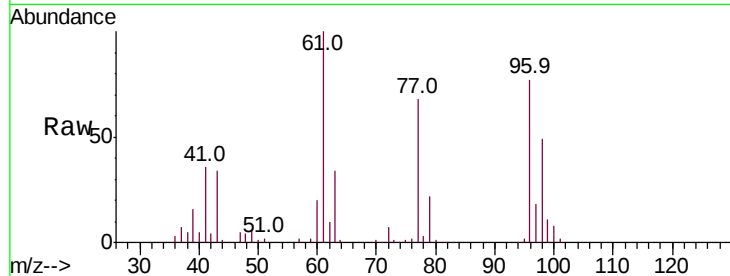




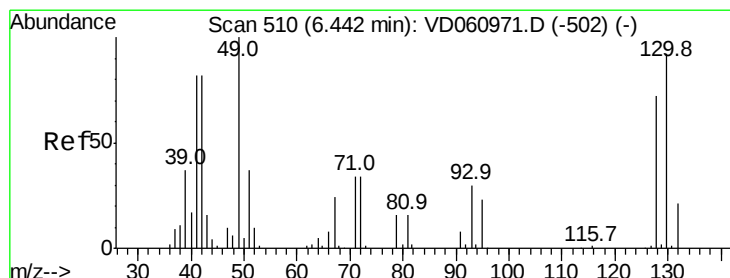
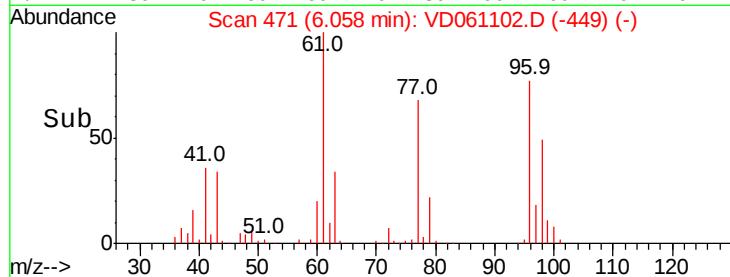
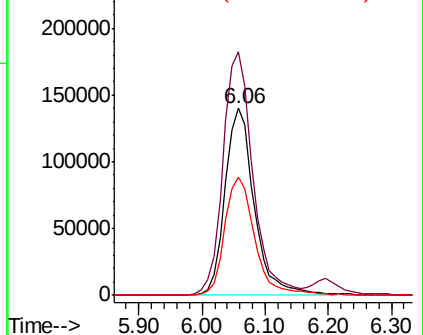
#27

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

Tot Ion	96	Resp	450109
Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	273.6
98	63.3	0.0	132.6



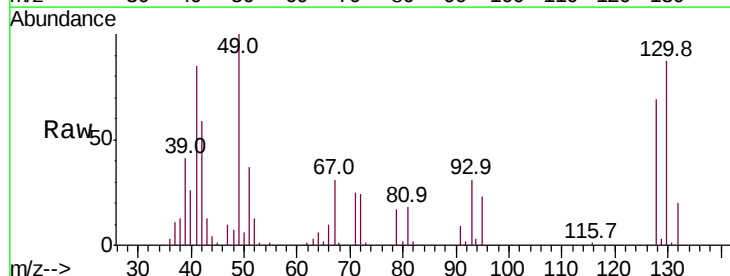
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



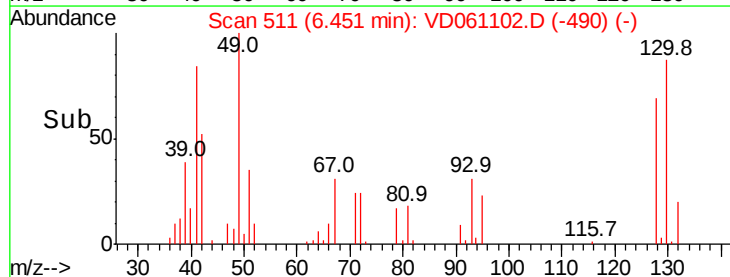
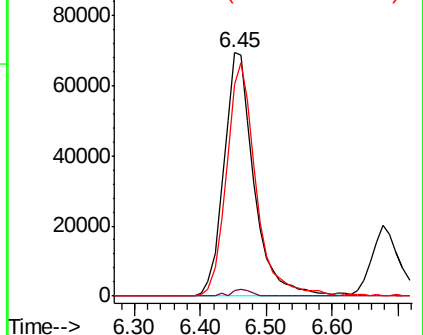
#28

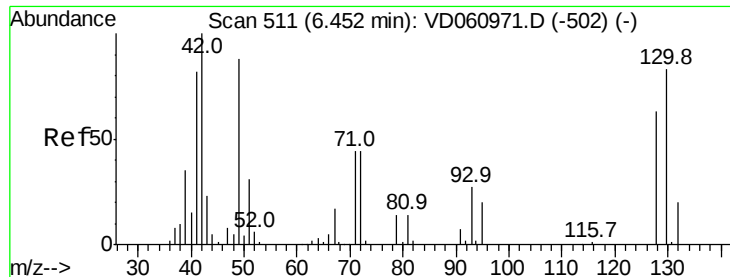
Bromochloromethane
Concen: 39.836 ug/l
RT: 6.45 min Scan# 511
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion	49	Resp	221775
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): VDC
Ion 129.80 (129.50 to 130.50): VDC





#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

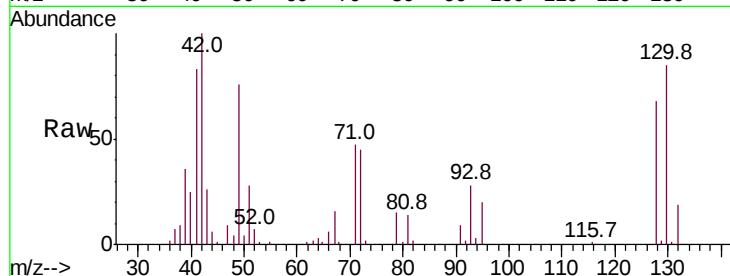
Tot Ion: 42 Resp: 232251

Ion Ratio Lower Upper

42 100

72 45.5 34.5 51.7

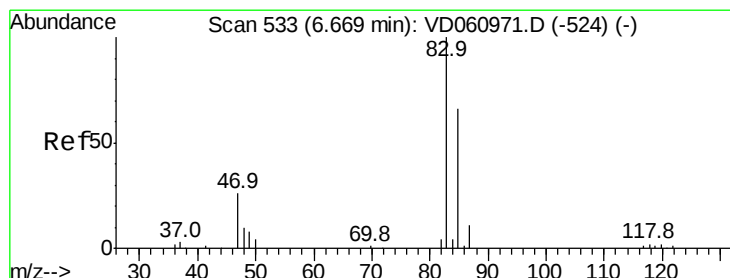
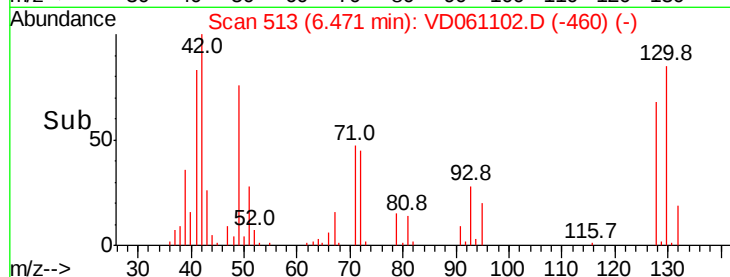
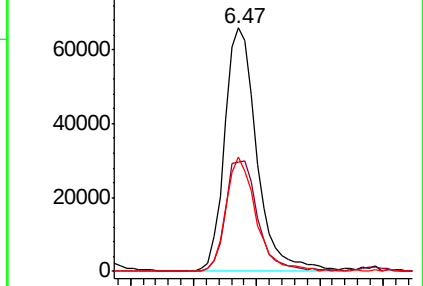
71 44.1 33.8 50.6



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

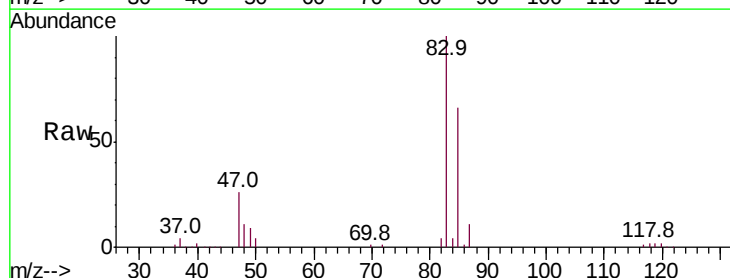
Acq: 16 Mar 2019 11:01

Tgt Ion: 83 Resp: 692281

Ion Ratio Lower Upper

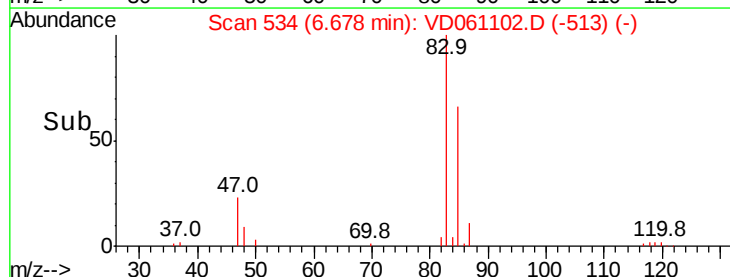
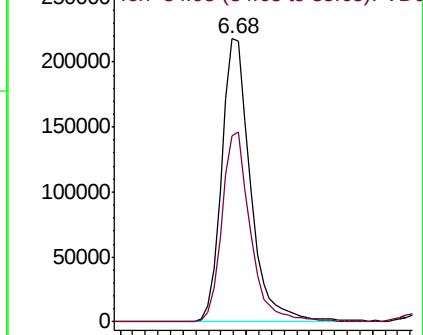
83 100

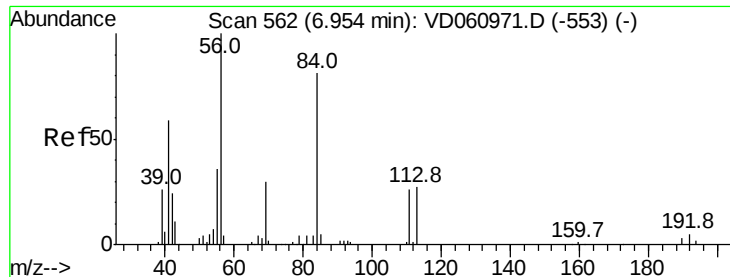
85 65.7 53.0 79.4



Abundance Ion 82.95 (82.65 to 83.65): VDC

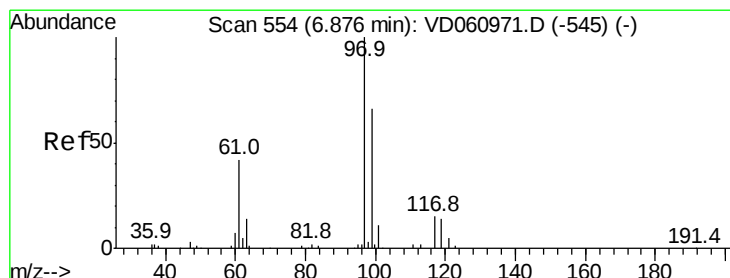
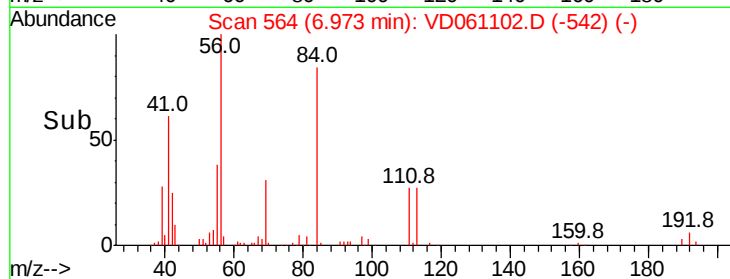
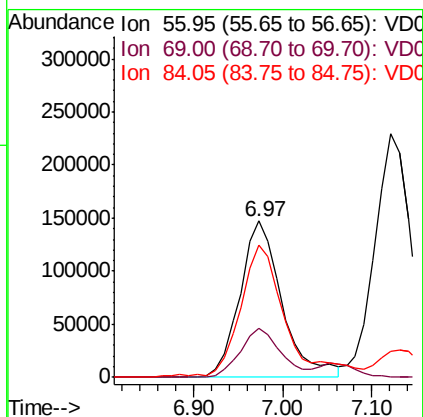
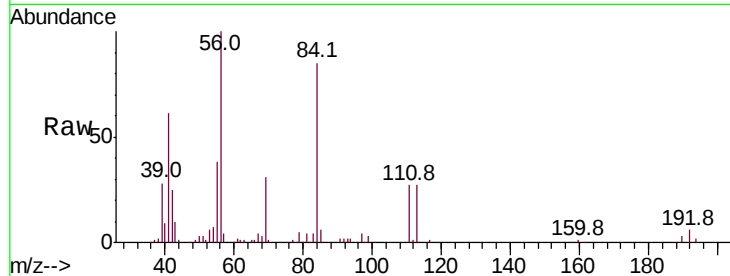
Ion 84.95 (84.65 to 85.65): VDC





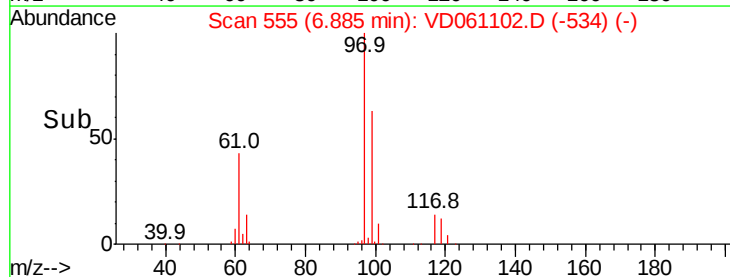
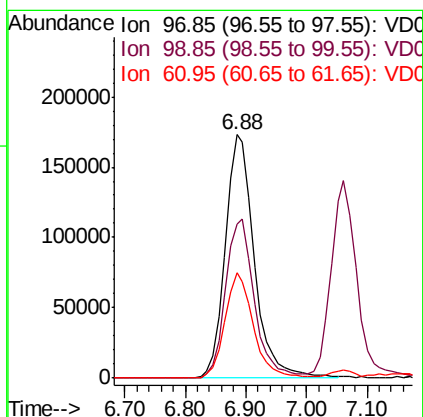
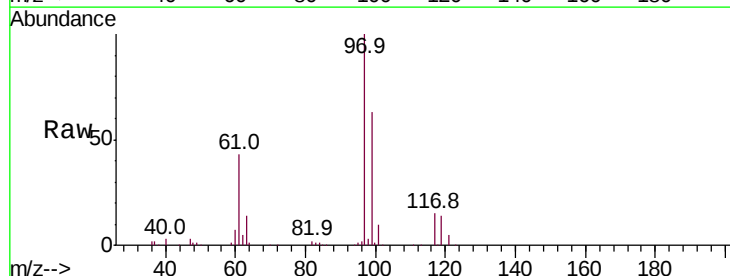
#31
Cvclohexane
Concen: 45.310 ug/l
RT: 6.97 min Scan# 564
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

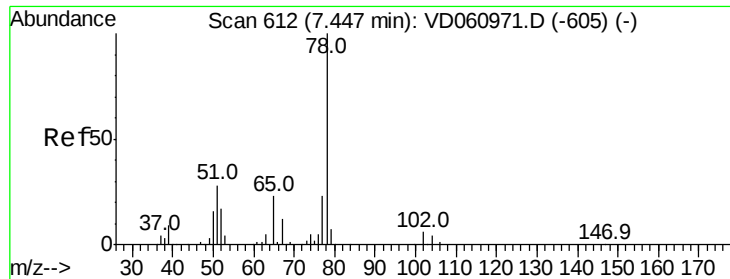
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.0	36.0
84	84.6	65.8	98.6



#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

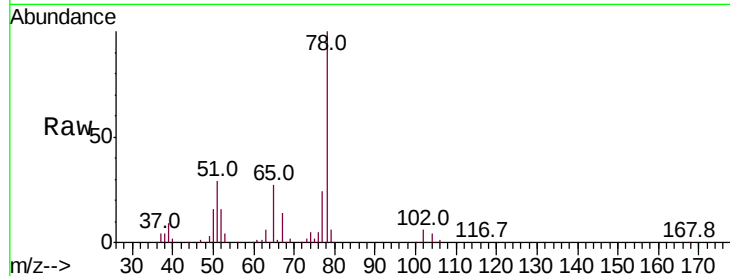
Acq: 16 Mar 2019 11:01

Tot Ion: 65 Resp: 284942

Ion Ratio Lower Upper

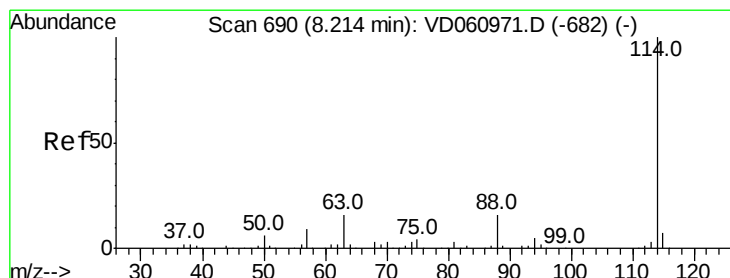
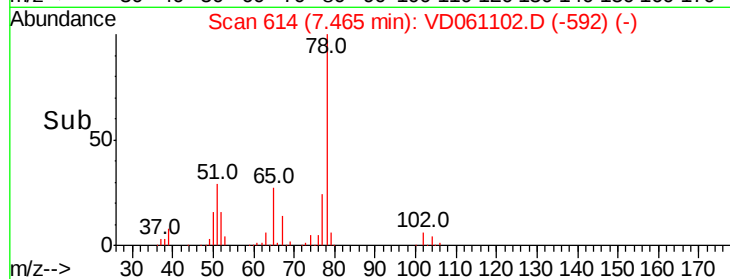
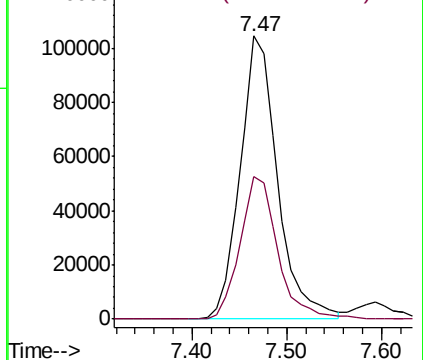
65 100

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

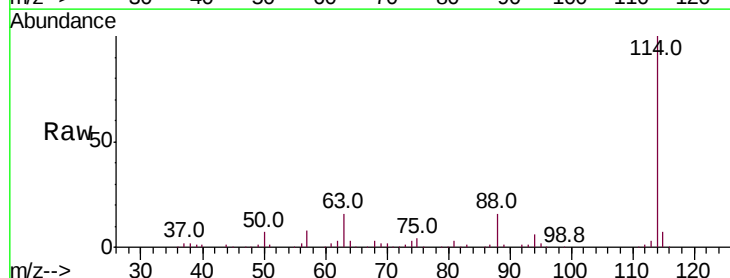
Tgt Ion: 114 Resp: 1141134

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.4

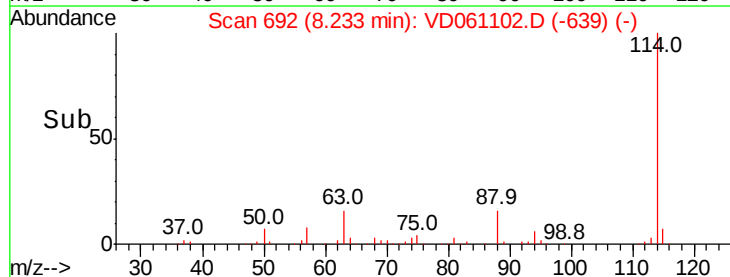
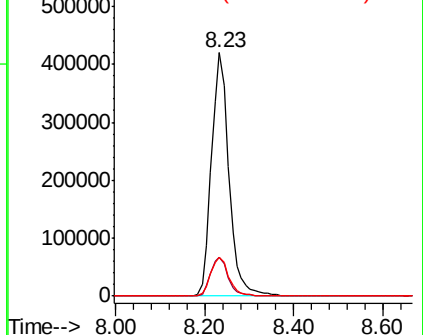
88 16.2 0.0 33.0

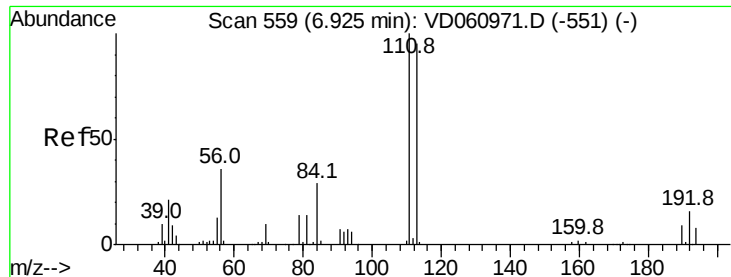


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

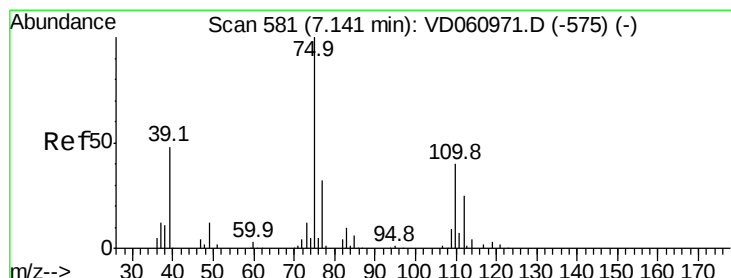
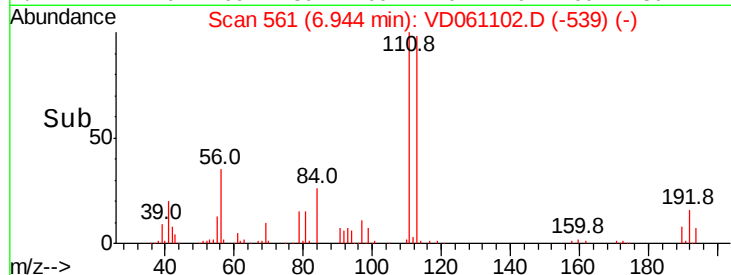
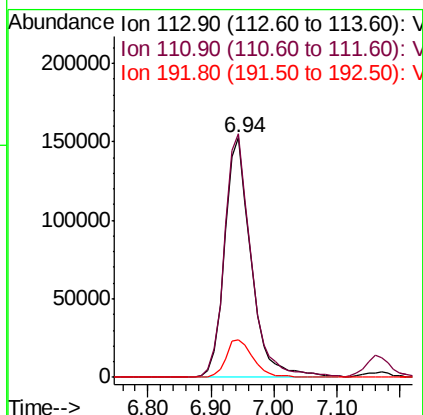
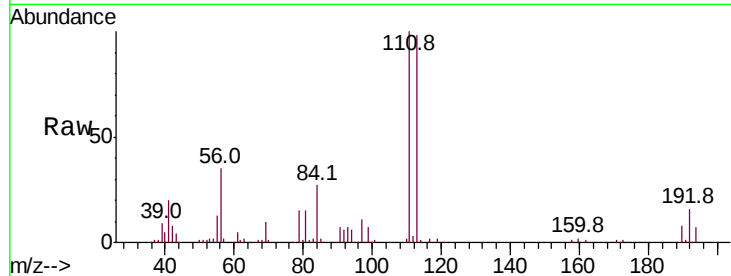
Ion 87.90 (87.60 to 88.60): VDC





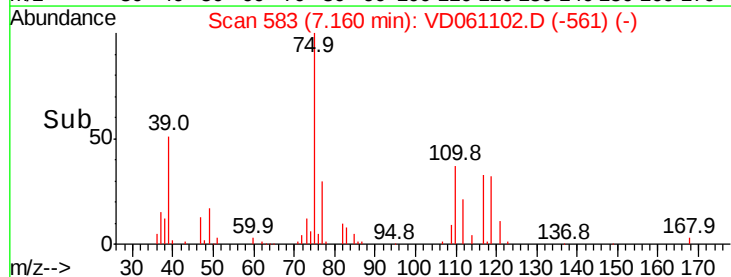
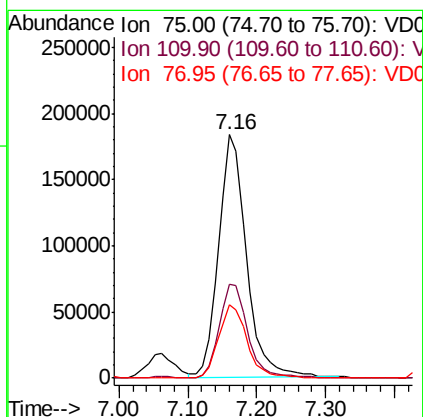
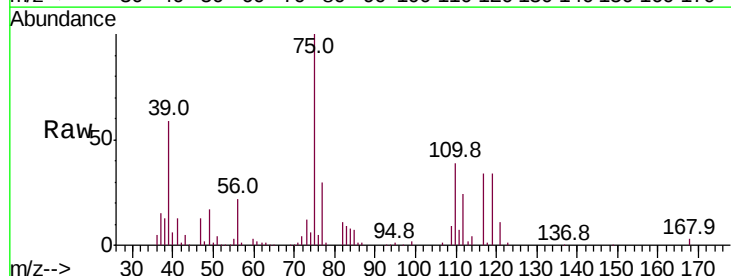
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

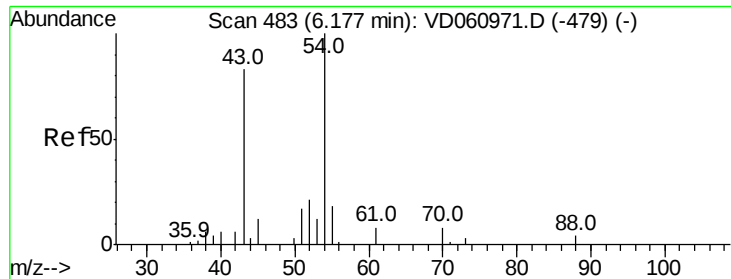
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	84.2	126.4
192	15.9	13.1	19.7



#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	Ratio	Lower	Upper
75	100		
110	38.5	19.7	59.1
77	30.1	24.7	37.1

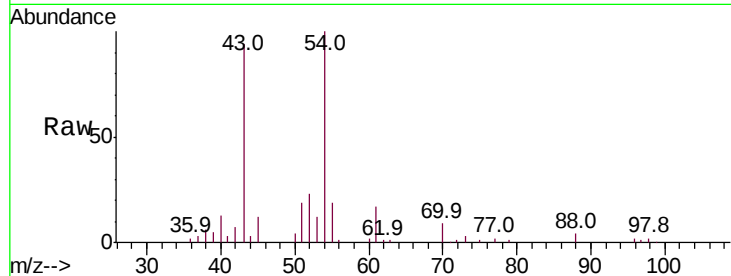




#37
Ethyl Acetate
Concen: 48.911 ug/l
RT: 6.20 min Scan# 485
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tot Ion: 43 Resp: 225768

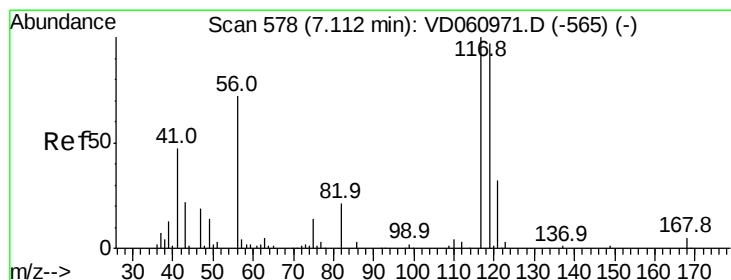
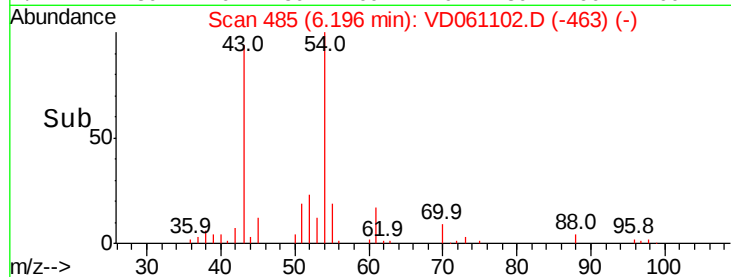
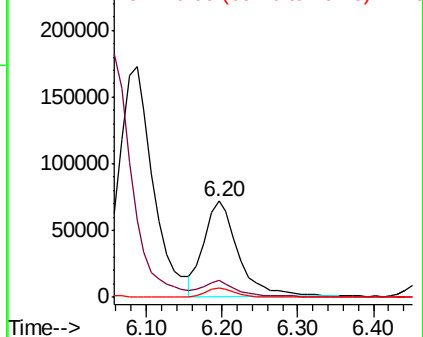
Ion	Ratio	Lower	Upper
43	100		
61	17.7	13.7	20.5
70	9.1	7.1	10.7



Abundance Ion 42.95 (42.65 to 43.65): VD061102.D (-479) (-)

Ion 60.95 (60.65 to 61.65): VD061102.D (-479) (-)

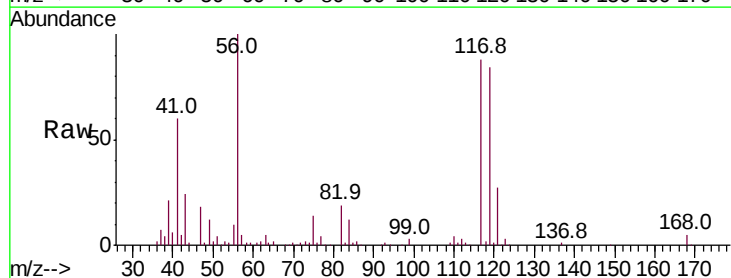
Ion 70.00 (69.70 to 70.70): VD061102.D (-479) (-)



#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

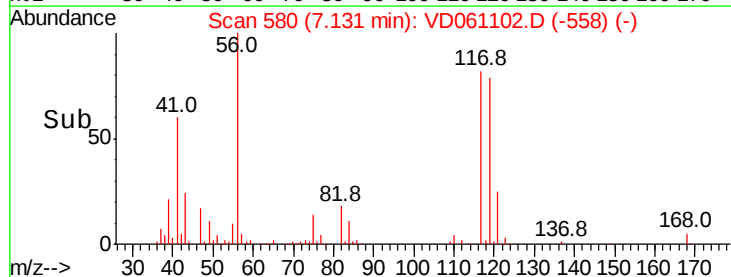
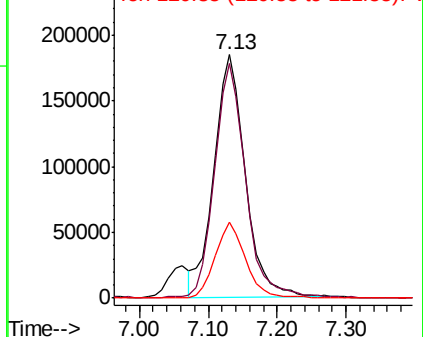
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.8	116.8
121	31.0	25.3	37.9

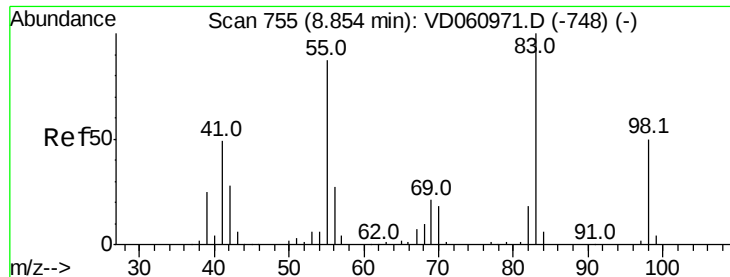


Abundance Ion 116.85 (116.55 to 117.55): VD061102.D (-558) (-)

Ion 118.85 (118.55 to 119.55): VD061102.D (-558) (-)

Ion 120.85 (120.55 to 121.55): VD061102.D (-558) (-)





#39

Methvlcvclohexane

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

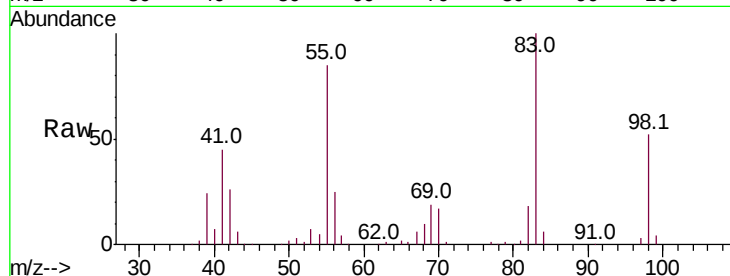
Tot Ion: 83 Resp: 555050

Ion Ratio Lower Upper

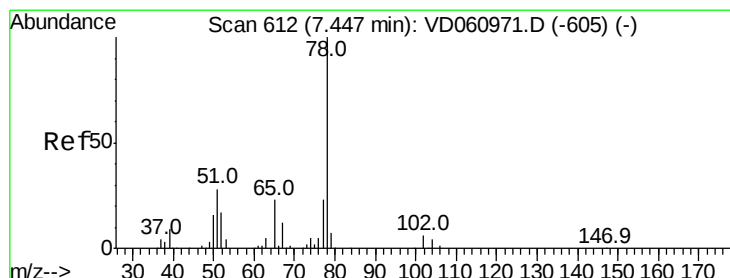
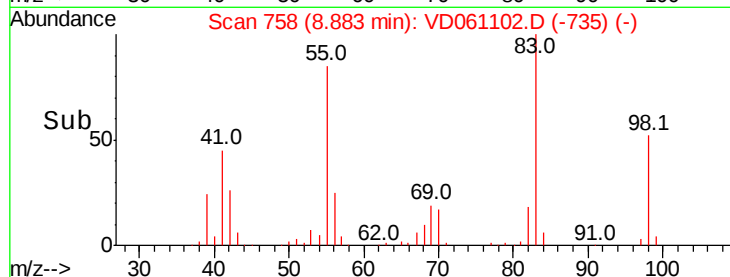
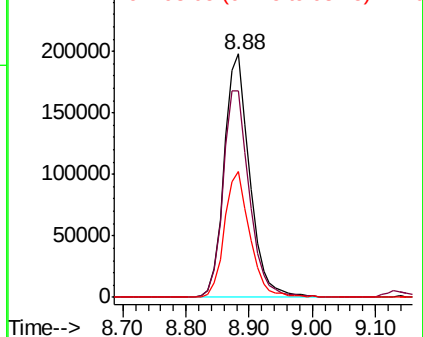
83 100

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

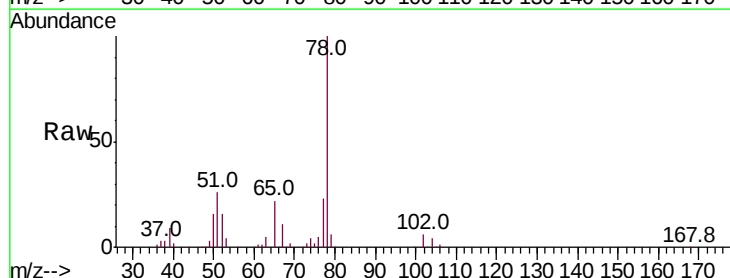
Acq: 16 Mar 2019 11:01

Tgt Ion: 78 Resp: 1220798

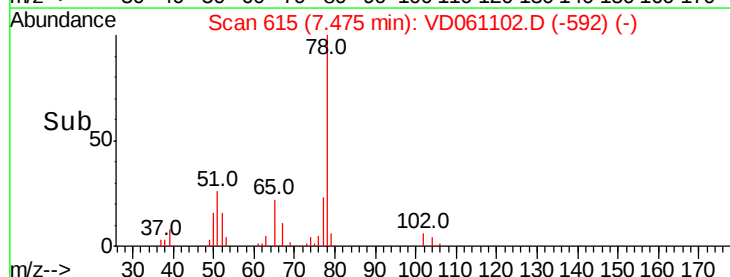
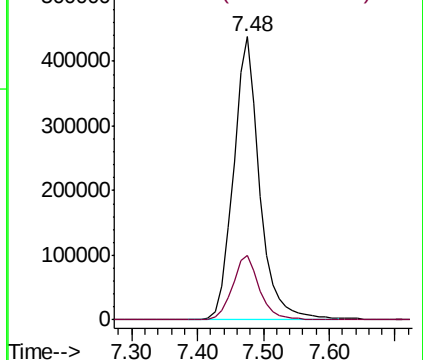
Ion Ratio Lower Upper

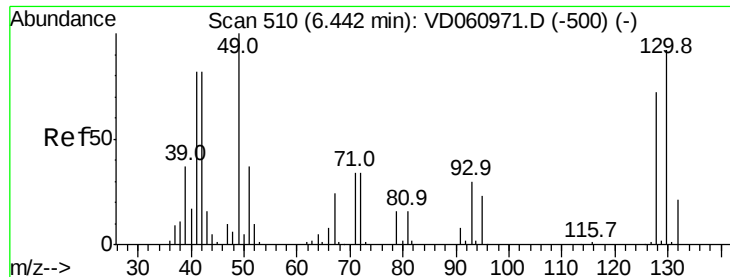
78 100

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: 48.435 ug/l m

RT: 6.46 min Scan# 512

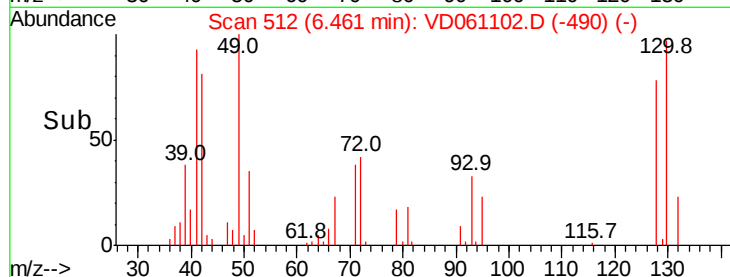
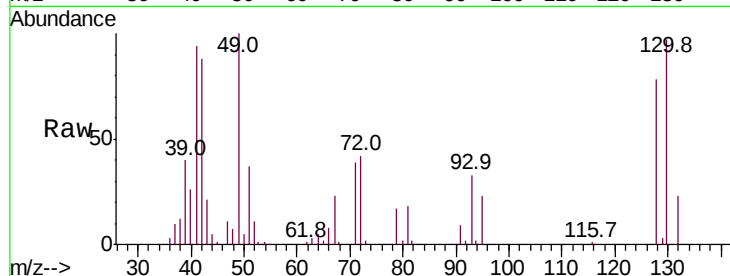
Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

Tot Ion: 41 Resp: 257157

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

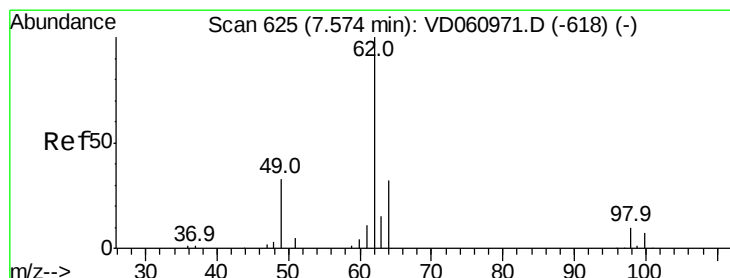
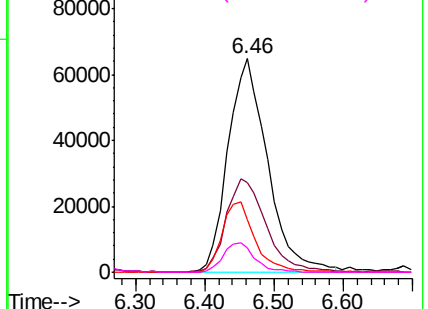


Abundance Ion 40.95 (40.65 to 41.65): VDC

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

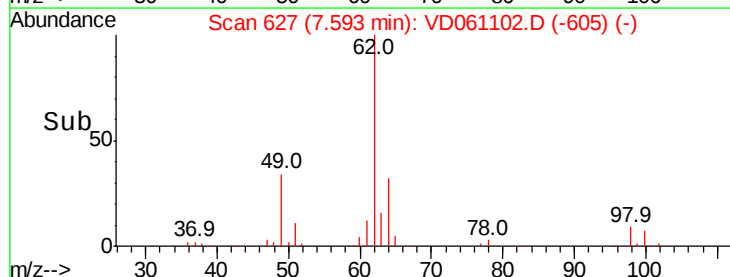
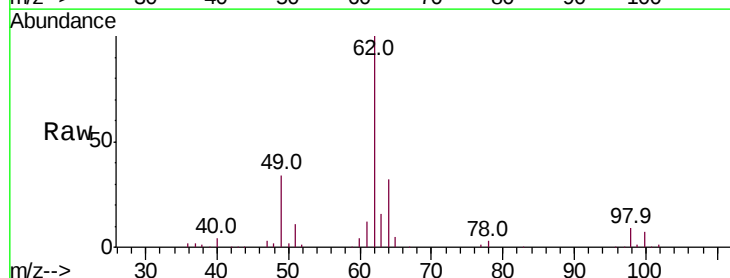
Delta R.T. 0.02 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

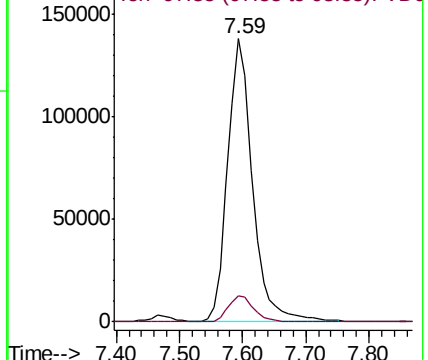
Tgt Ion: 62 Resp: 376357

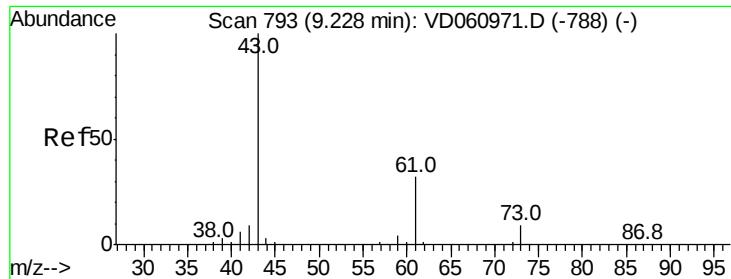
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.4



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

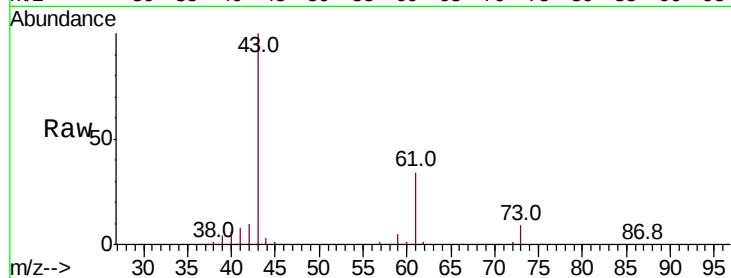
Tot Ion: 43 Resp: 326812

Ion Ratio Lower Upper

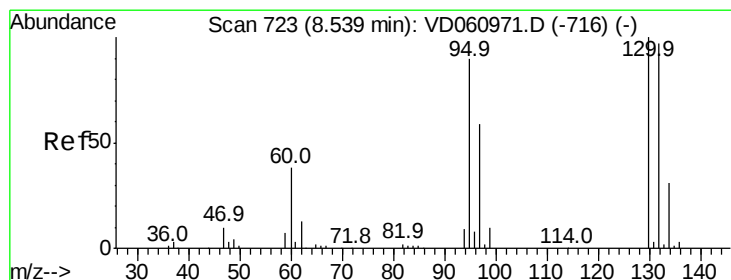
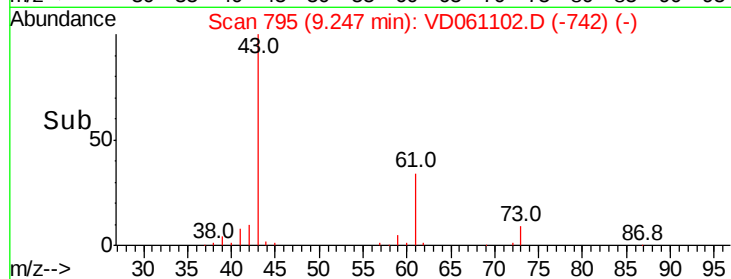
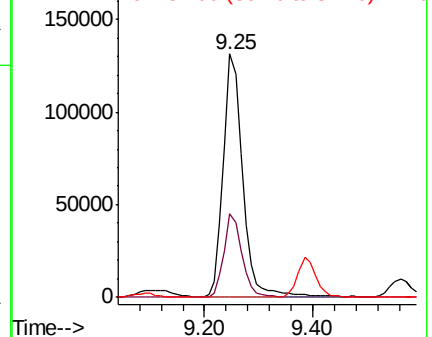
43 100

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

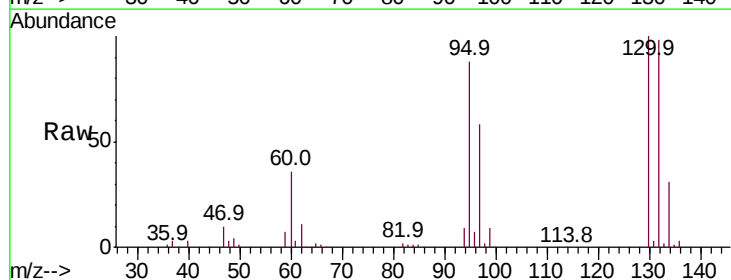
Acq: 16 Mar 2019 11:01

Tgt Ion: 130 Resp: 454891

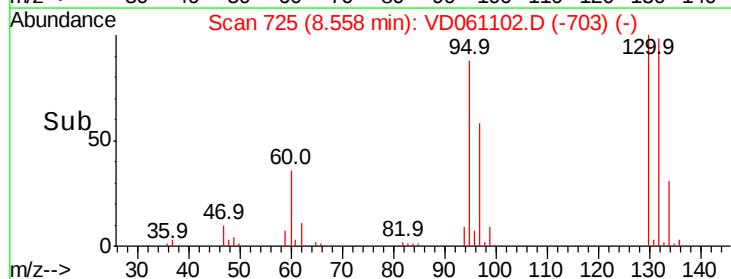
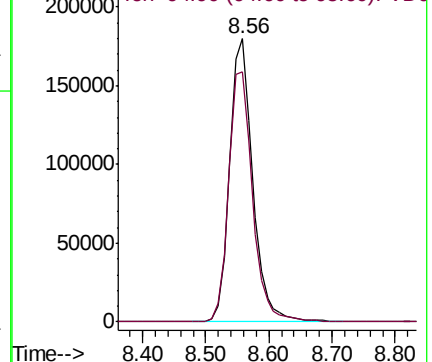
Ion Ratio Lower Upper

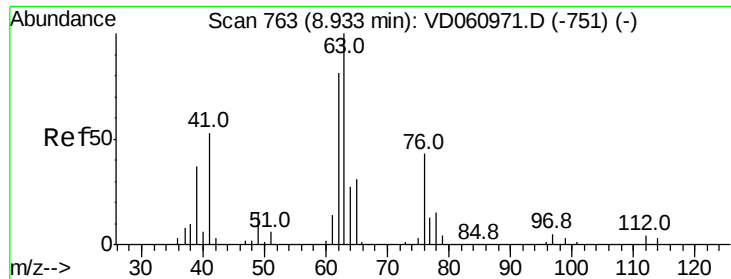
130 100

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

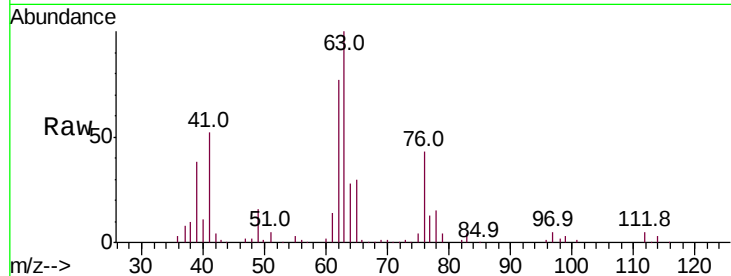
Acq: 16 Mar 2019 11:01

Tot Ion: 63 Resp: 339658

Ion Ratio Lower Upper

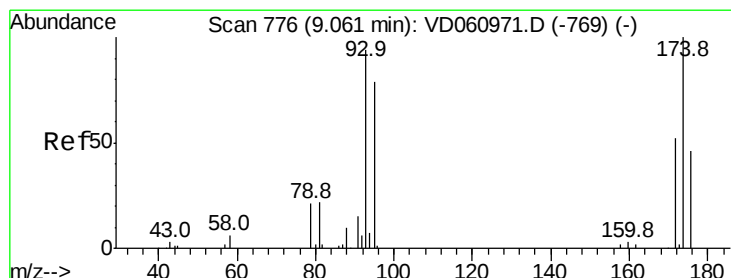
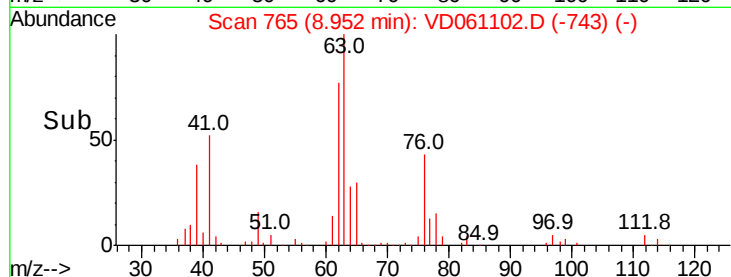
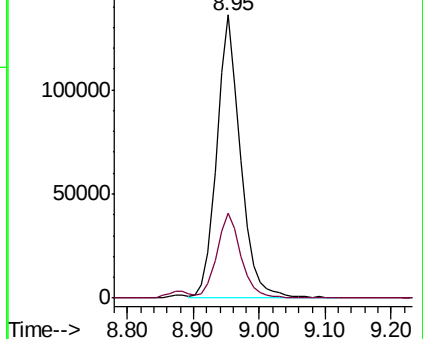
63 100

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

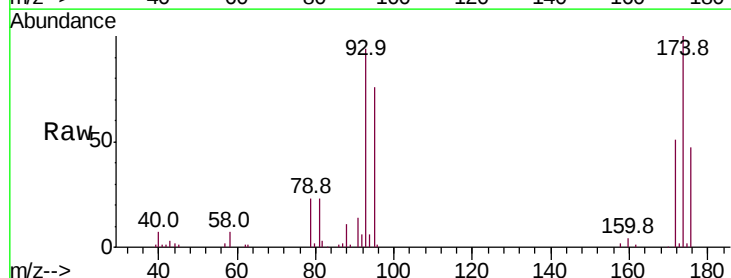
Tgt Ion: 93 Resp: 225733

Ion Ratio Lower Upper

93 100

95 80.7 67.4 101.0

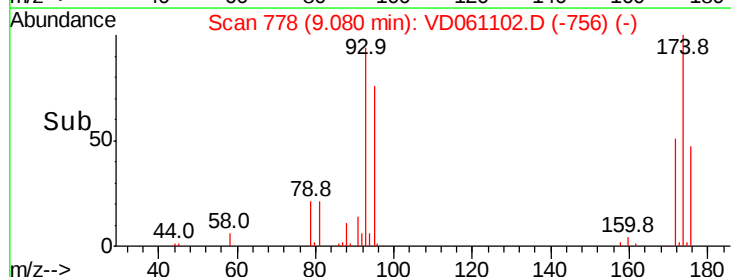
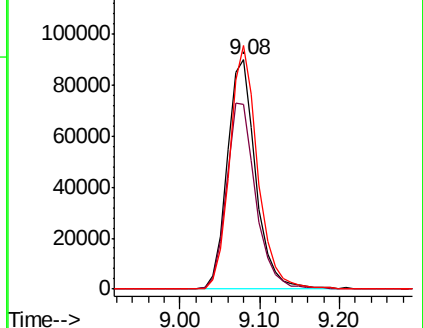
174 106.1 85.4 128.0

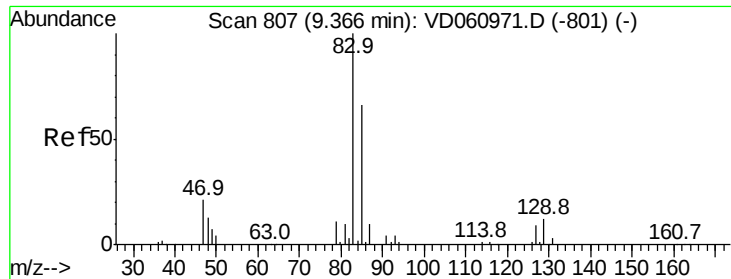


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#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

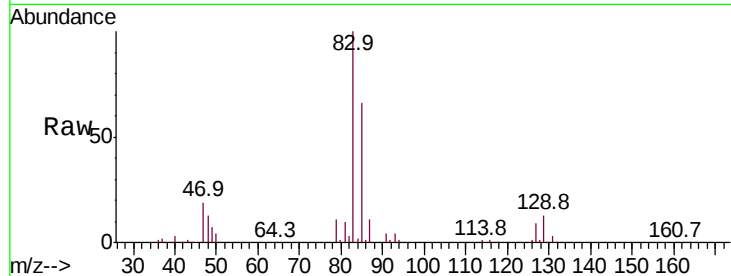
Tot Ion: 83 Resp: 495040

Ion Ratio Lower Upper

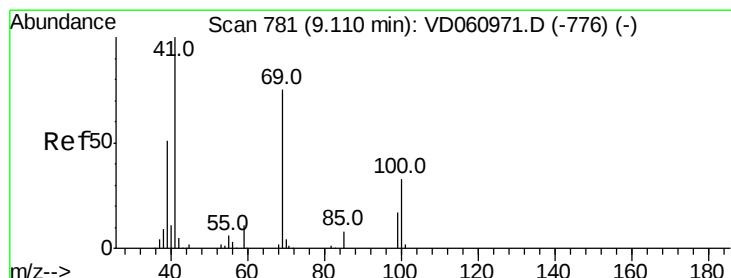
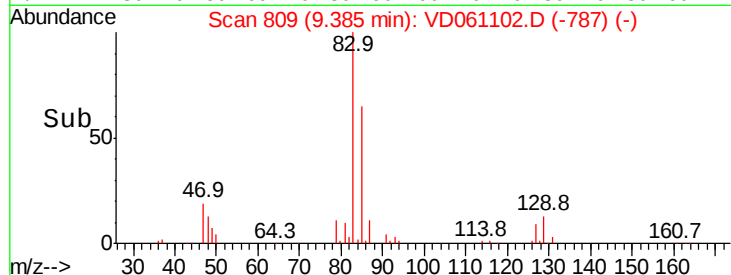
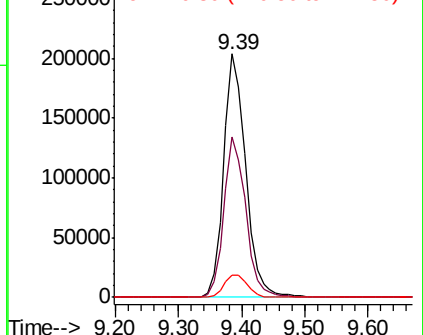
83 100

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

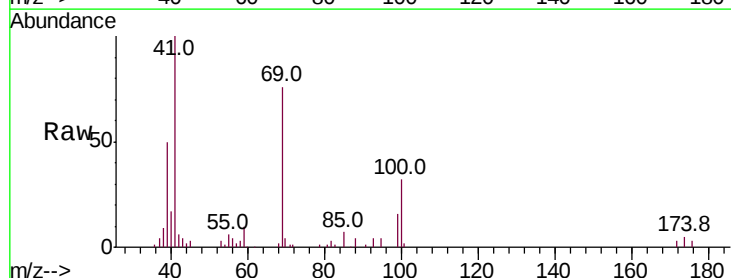
Tgt Ion: 41 Resp: 188573

Ion Ratio Lower Upper

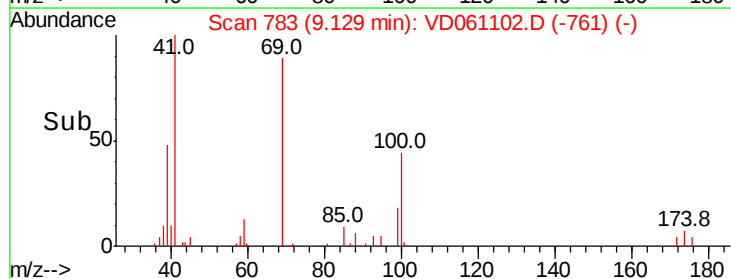
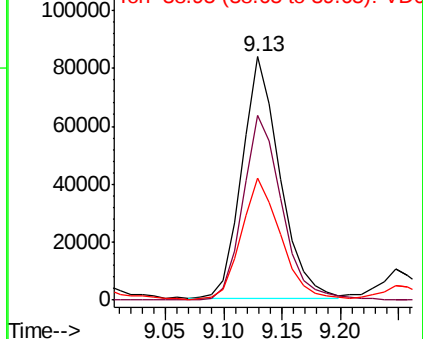
41 100

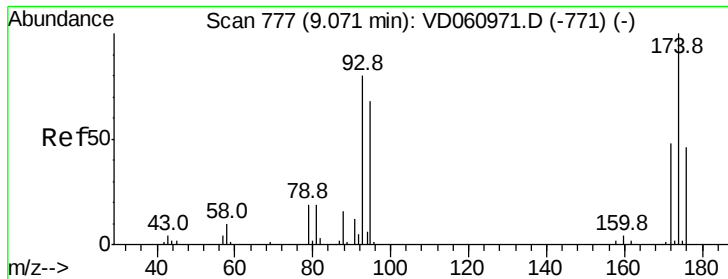
69 76.1 59.9 89.9

39 49.9 40.9 61.3



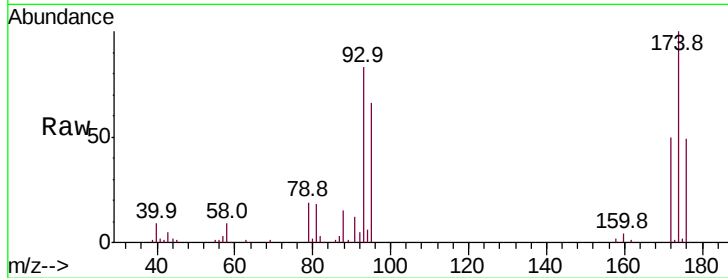
Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC



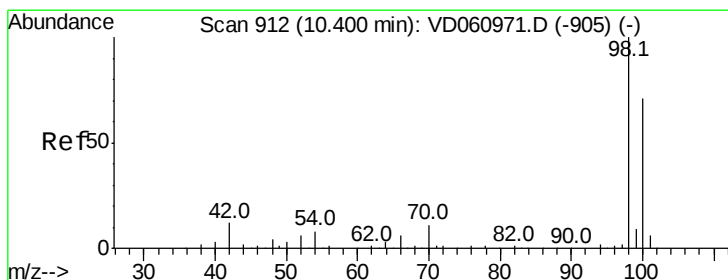
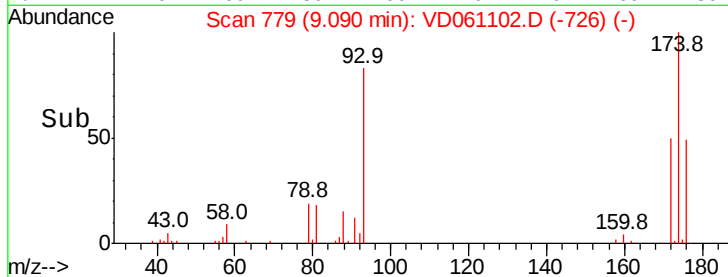
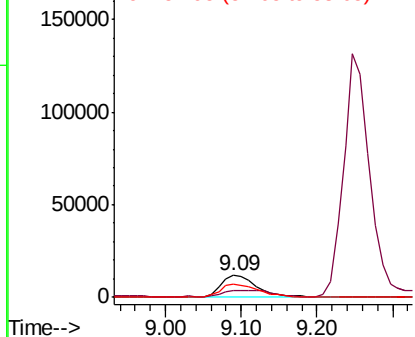


#49
1,4-Dioxane
Concen: 1097.387 ug/l
RT: 9.09 min Scan# 779
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

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

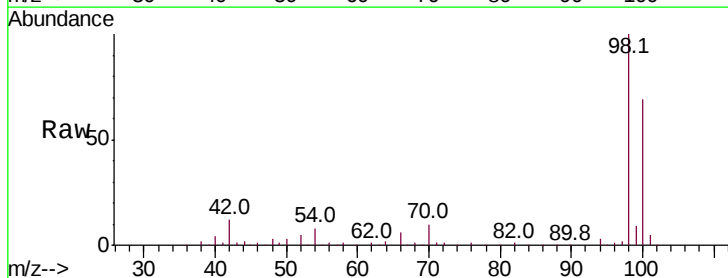


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

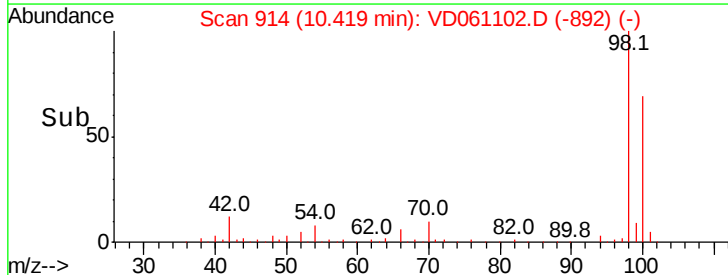
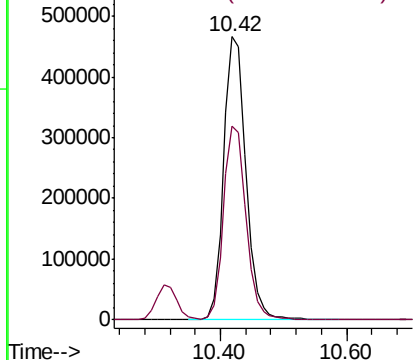


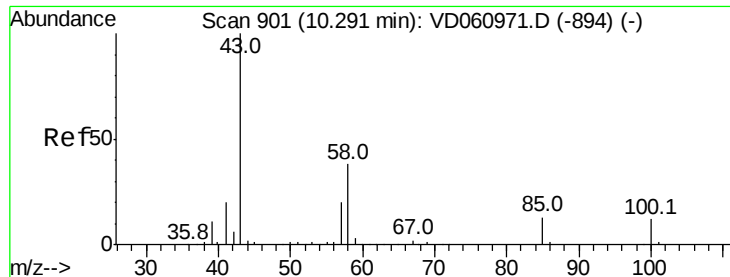
#50
Toluene-d8
Concen: 1097.387 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

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

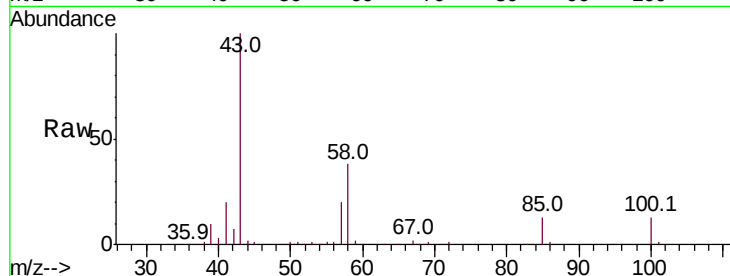
Acq: 16 Mar 2019 11:01

Tot Ion: 43 Resp: 1052751

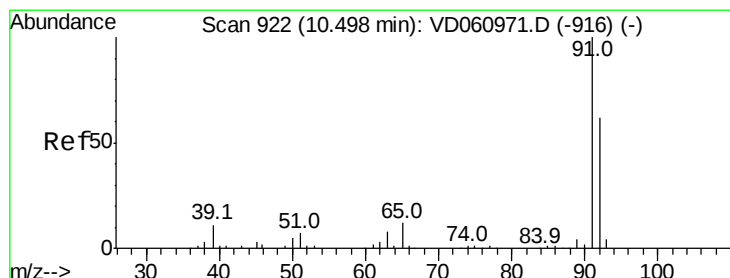
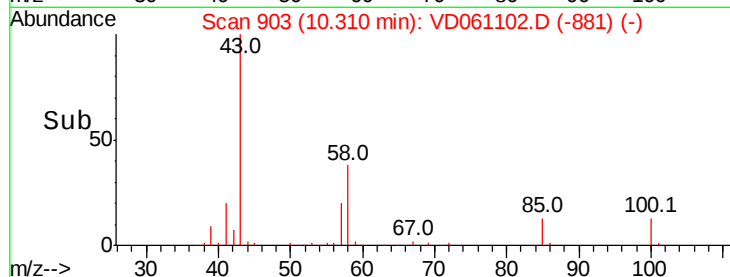
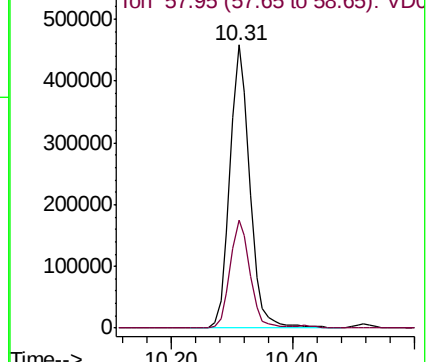
Ion Ratio Lower Upper

43 100

58 38.4 30.2 45.2



Abundance Ion 42.95 (42.65 to 43.65): VDC



#52

Toluene

Concen: 54.428 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD061102.D

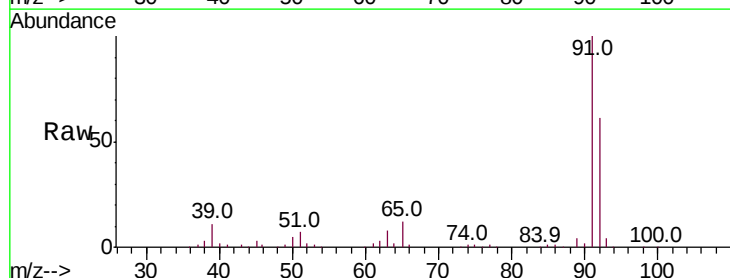
Acq: 16 Mar 2019 11:01

Tgt Ion: 92 Resp: 831875

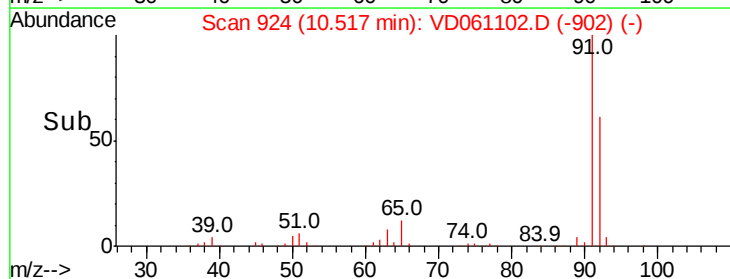
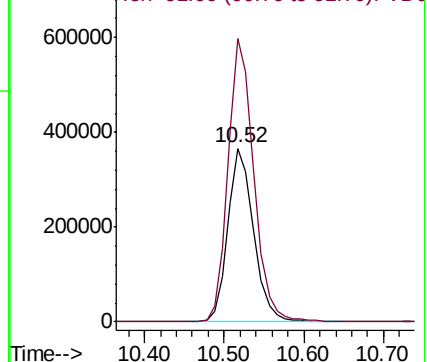
Ion Ratio Lower Upper

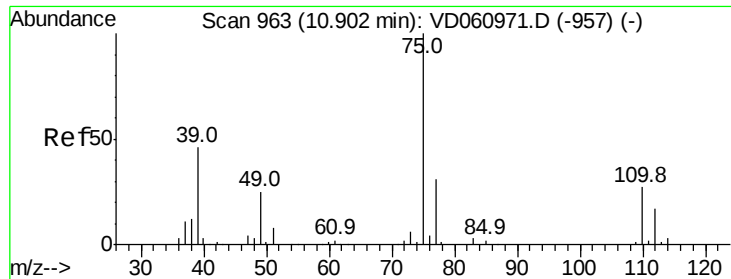
92 100

91 163.3 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC





#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

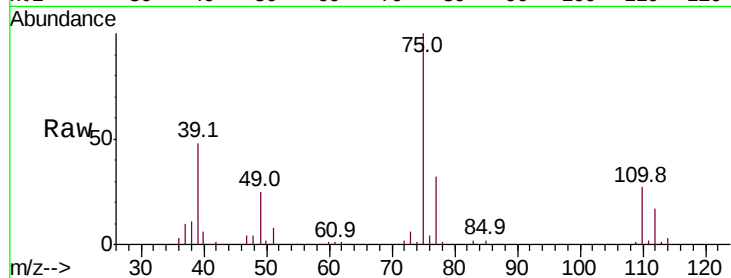
Acq: 16 Mar 2019 11:01

Tot Ion: 75 Resp: 438166

Ion Ratio Lower Upper

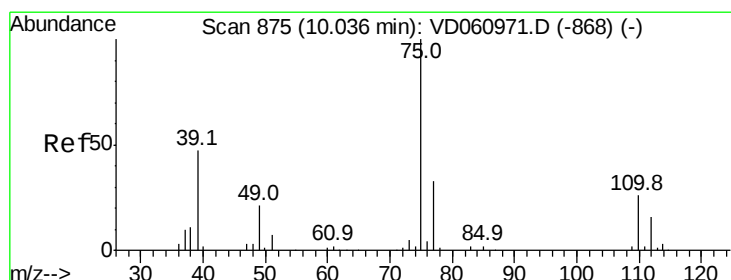
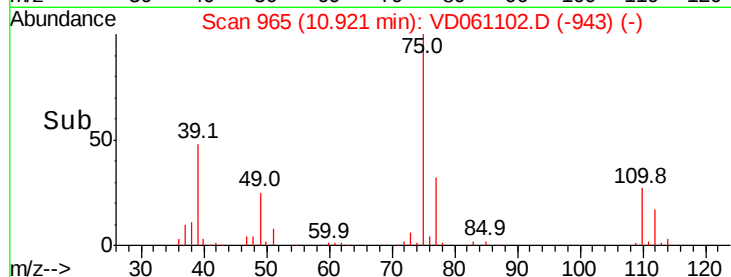
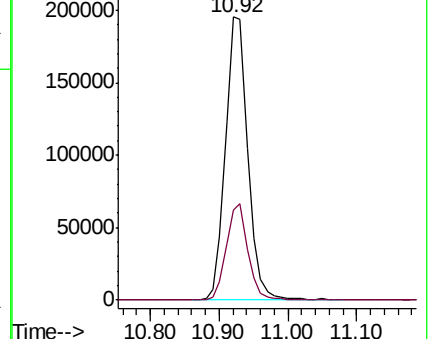
75 100

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

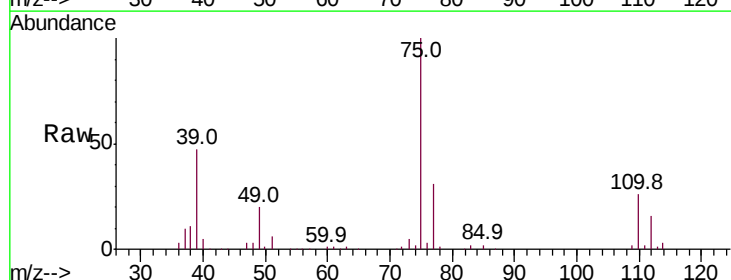
Tgt Ion: 75 Resp: 564365

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.4

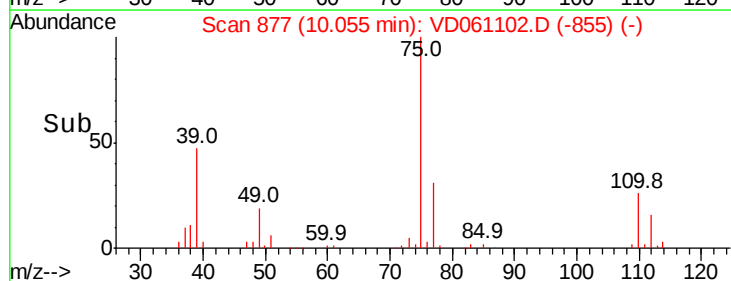
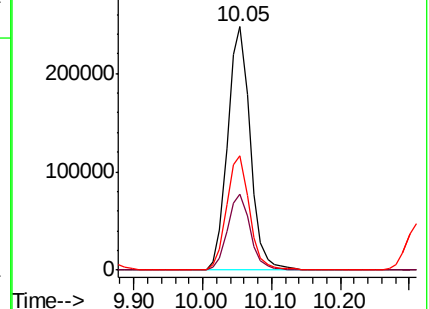
39 47.0 37.8 56.8

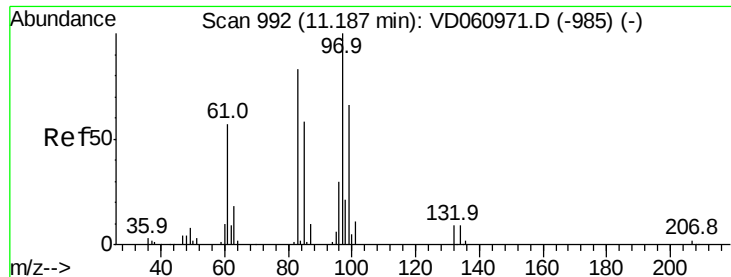


Abundance Ion 75.00 (74.70 to 75.70): VDC

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

Tot Ion: 97 Resp: 270944

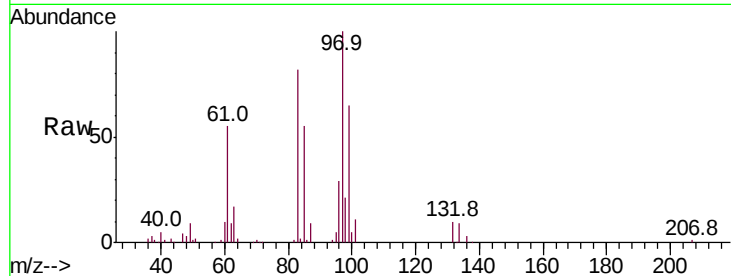
Ion Ratio Lower Upper

97 100

83 82.1 66.6 100.0

85 54.5 46.4 69.6

99 64.9 52.4 78.6

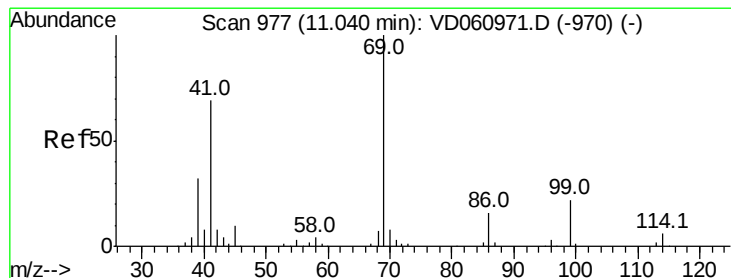
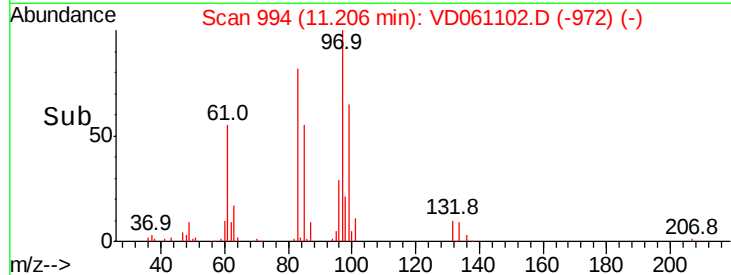
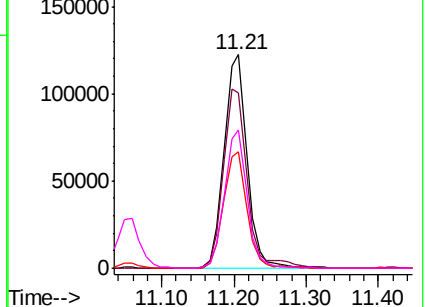


Abundance Ion 96.85 (96.55 to 97.55): VDC

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

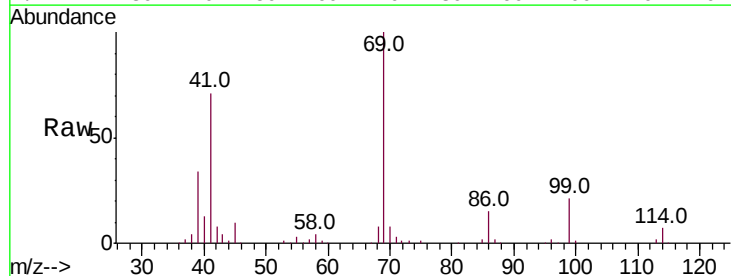
Tgt Ion: 69 Resp: 282050

Ion Ratio Lower Upper

69 100

41 70.5 55.5 83.3

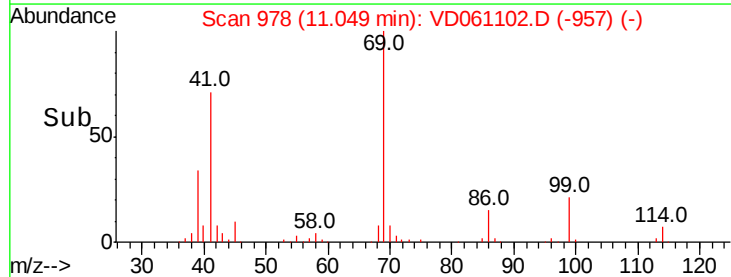
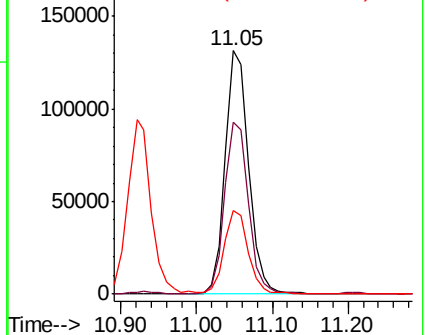
39 34.4 26.2 39.2

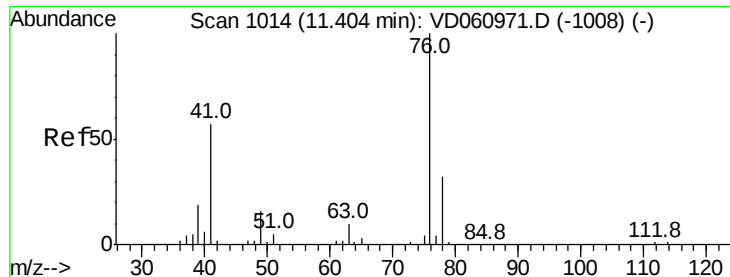


Abundance Ion 69.00 (68.70 to 69.70): VDC

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

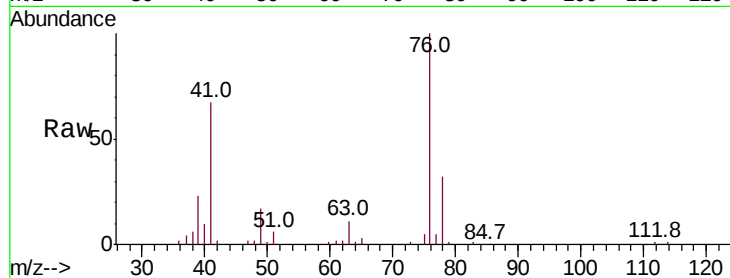
Acq: 16 Mar 2019 11:01

Tot Ion: 76 Resp: 372455

Ion Ratio Lower Upper

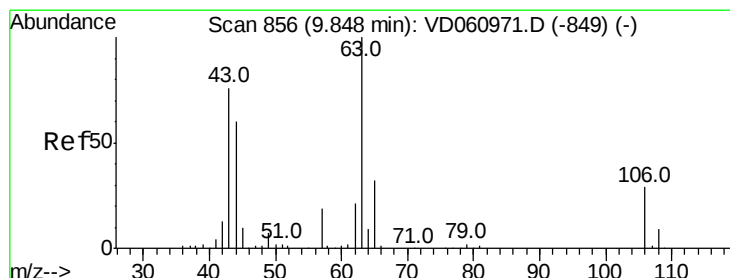
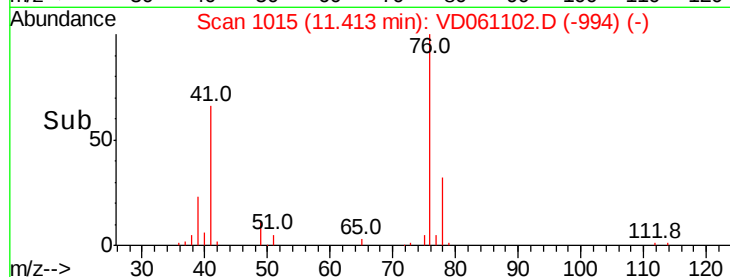
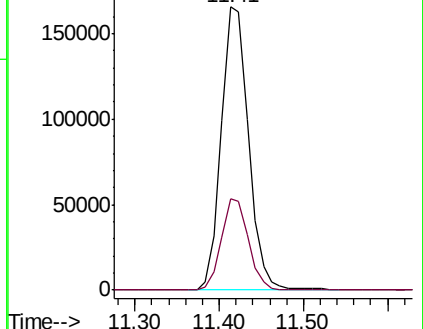
76 100

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

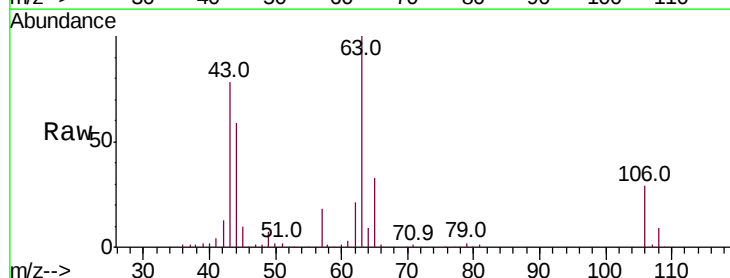
Acq: 16 Mar 2019 11:01

Tgt Ion: 63 Resp: 751957

Ion Ratio Lower Upper

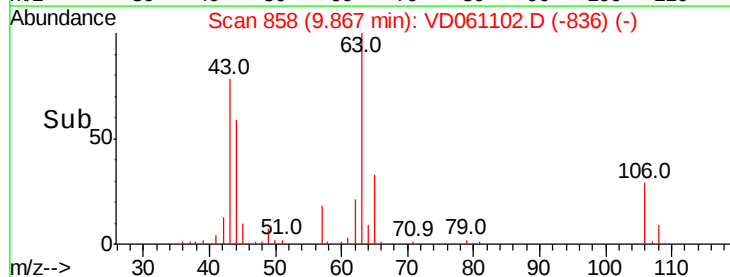
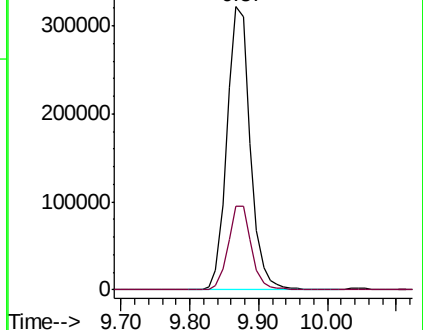
63 100

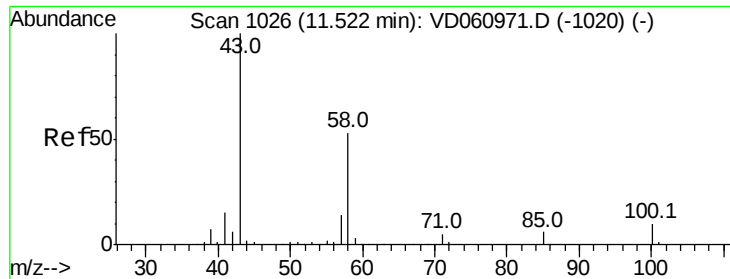
106 29.5 22.8 34.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

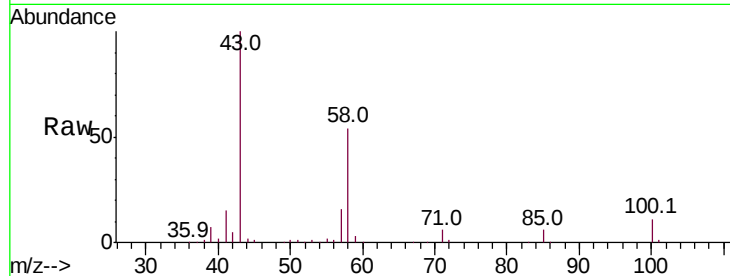
Ion 105.95 (105.65 to 106.65): VDC



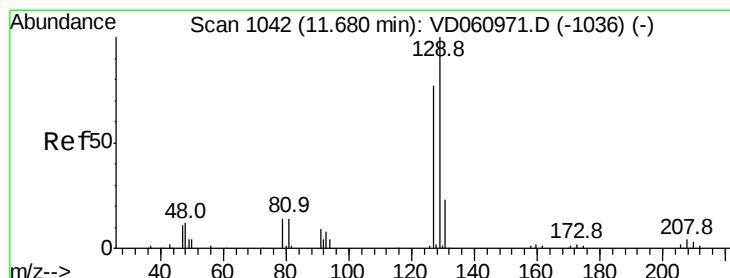
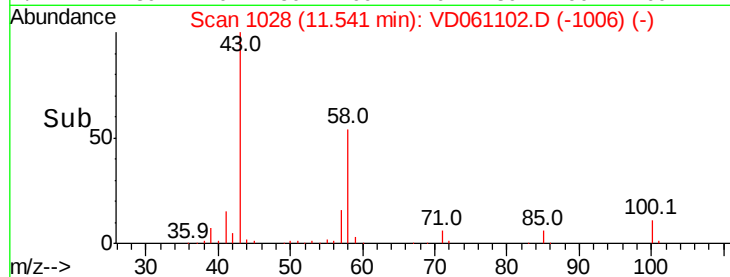
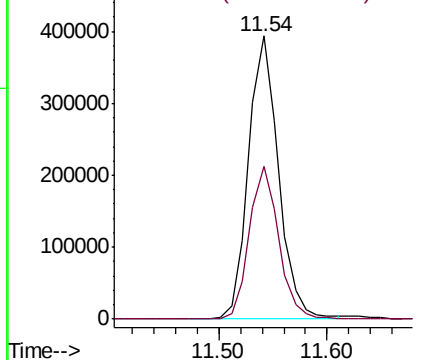


#59
2-Hexanone
Concen: 264.403 ug/l
RT: 11.54 min Scan# 1028
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

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

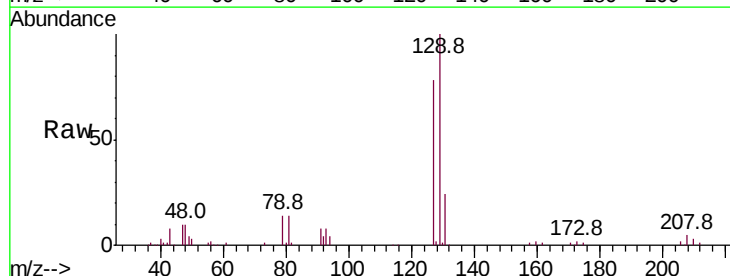


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

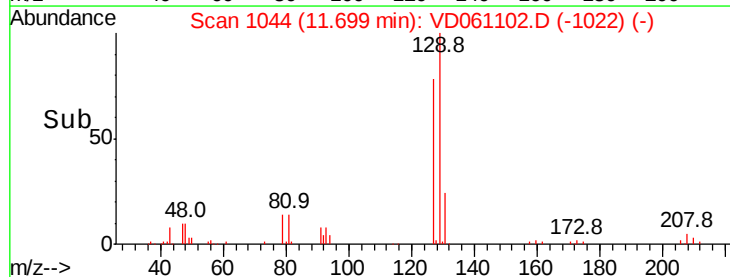
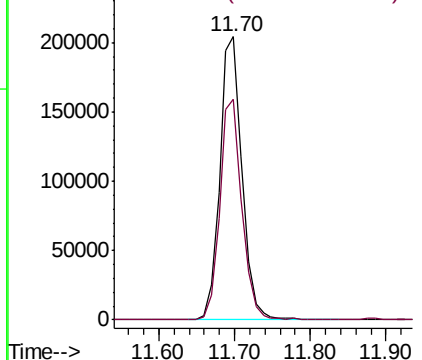


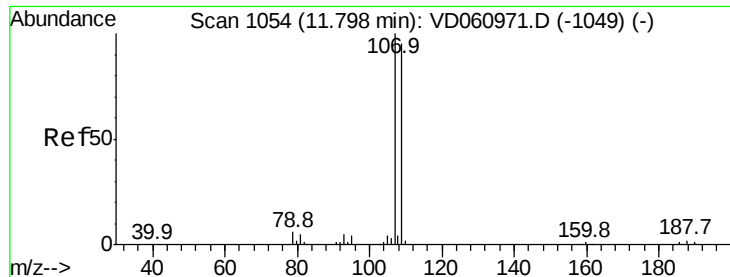
#60
Dibromochloromethane
Concen: 55.350 ug/l
RT: 11.70 min Scan# 1044
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

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): V
Ion 126.80 (126.50 to 127.50): V





#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

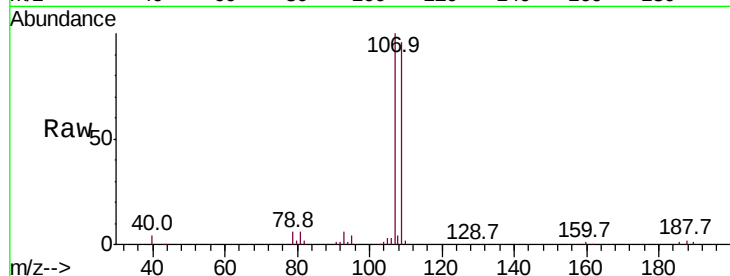
Acq: 16 Mar 2019 11:01

Tot Ion:107 Resp: 293688

Ion Ratio Lower Upper

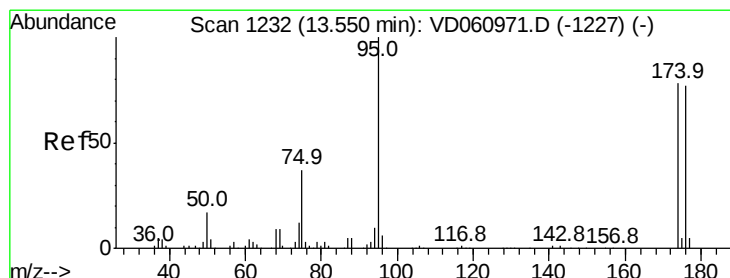
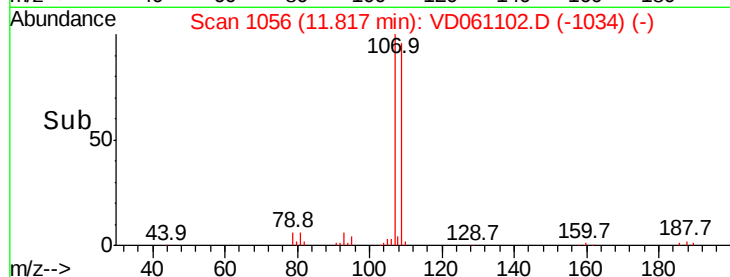
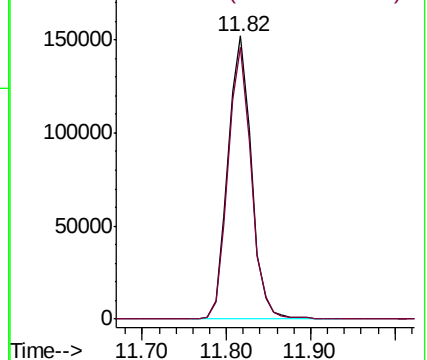
107 100

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



#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

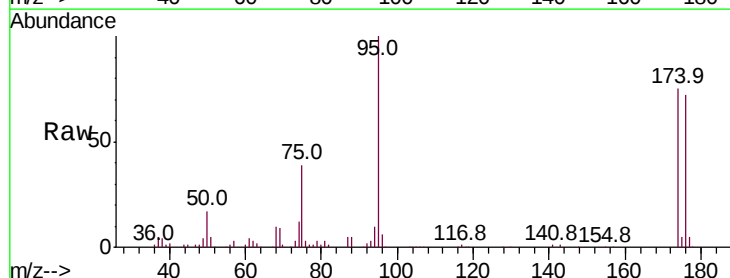
Tgt Ion: 95 Resp: 395004

Ion Ratio Lower Upper

95 100

174 75.4 0.0 155.6

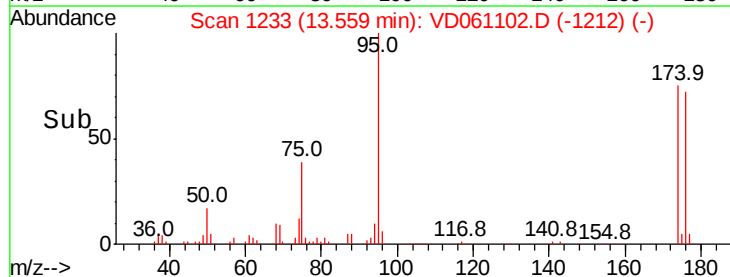
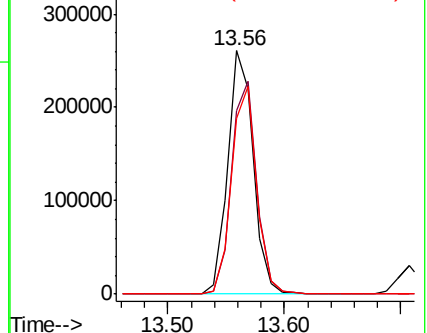
176 72.4 0.0 153.8

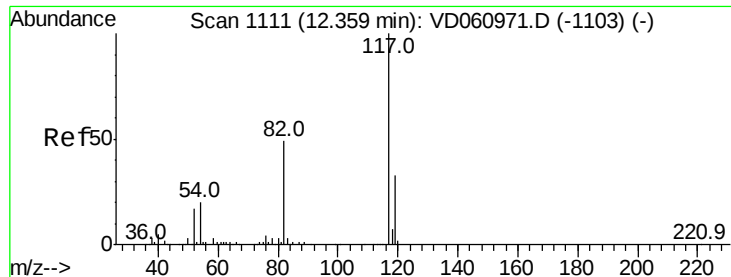


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

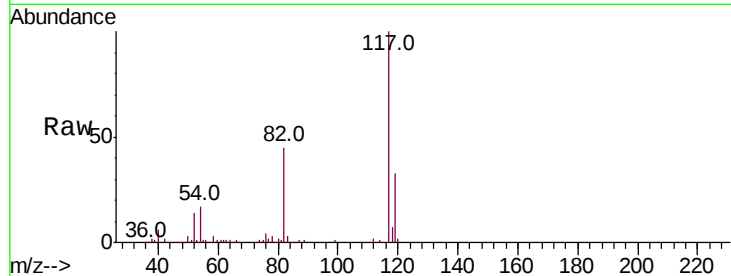
Ion 175.90 (175.60 to 176.60): V





#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

Tot Ion	Ratio	Lower	Upper
117	100		
82	44.8	38.9	58.3
119	32.8	26.6	39.8

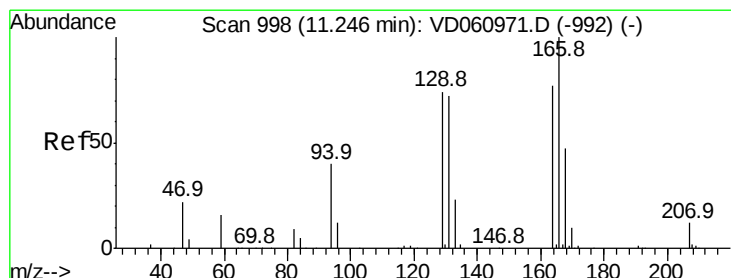
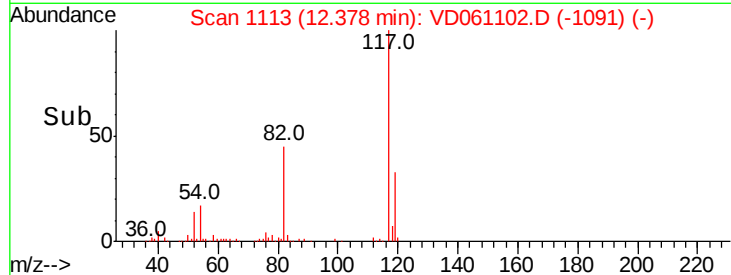
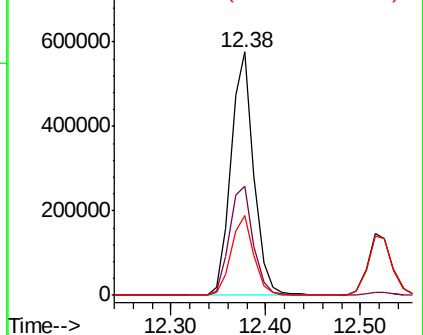


Abundance

Ion 116.95 (116.65 to 117.65): V

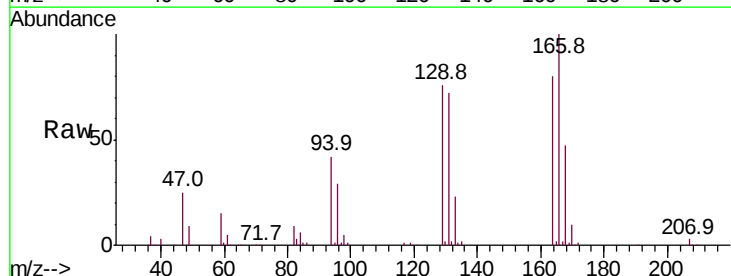
Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#64
Tetrachloroethene
Concen: 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	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



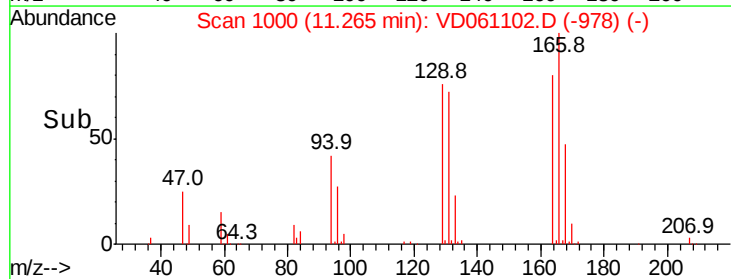
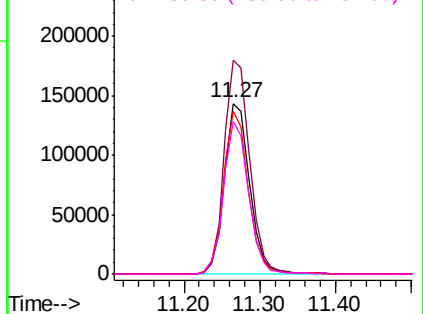
Abundance

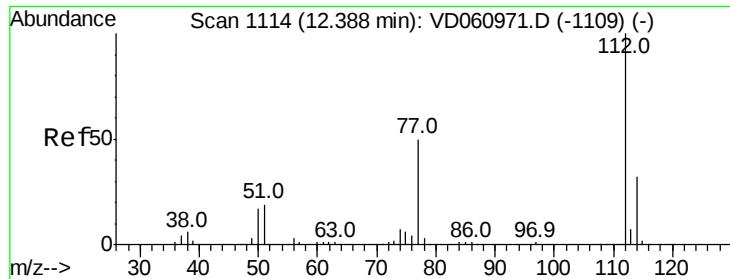
Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

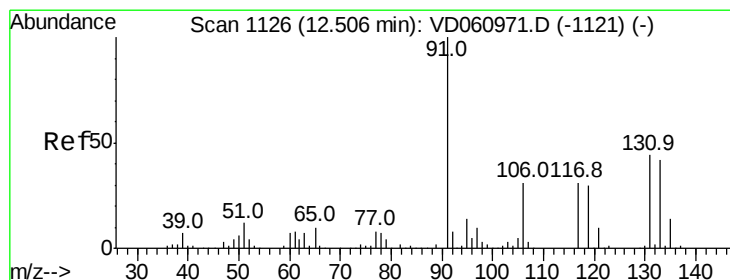
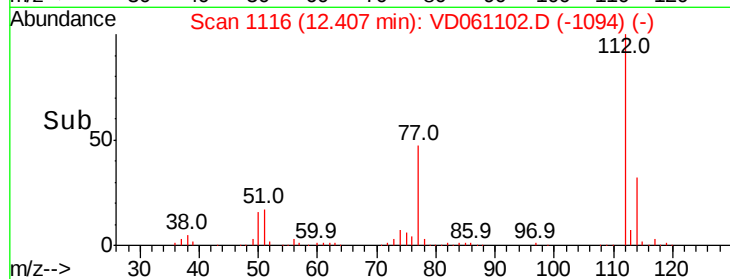
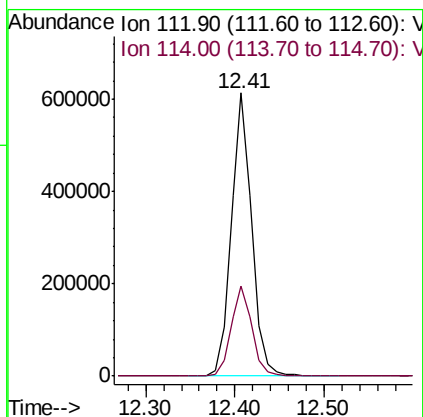
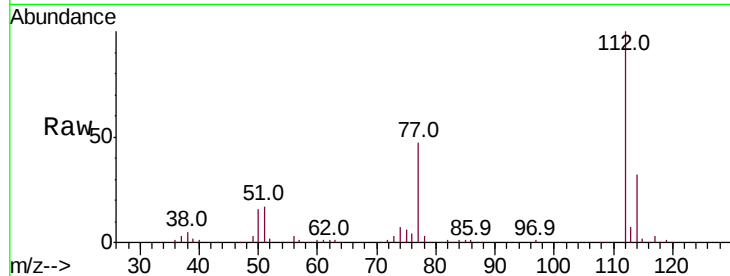
Ion 130.80 (130.50 to 131.50): V





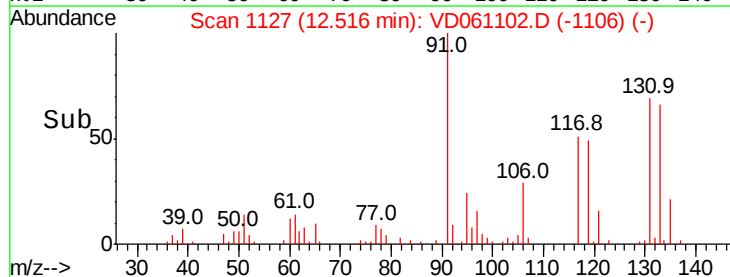
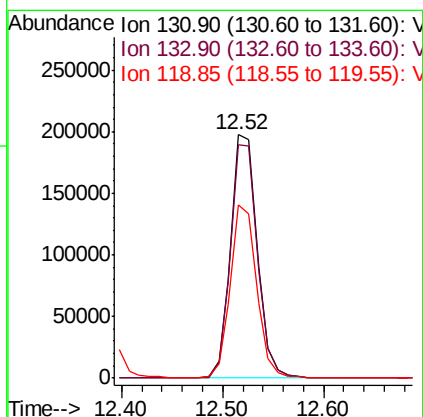
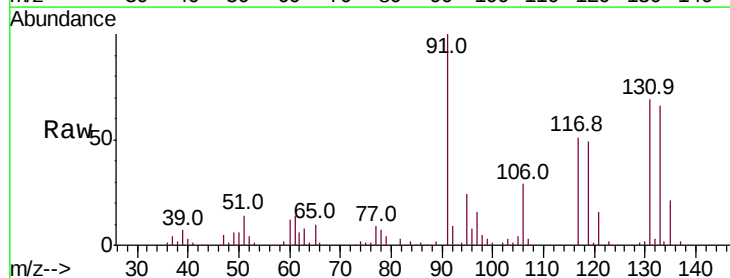
#65
Chlorobenzene
Concen: 52.393 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

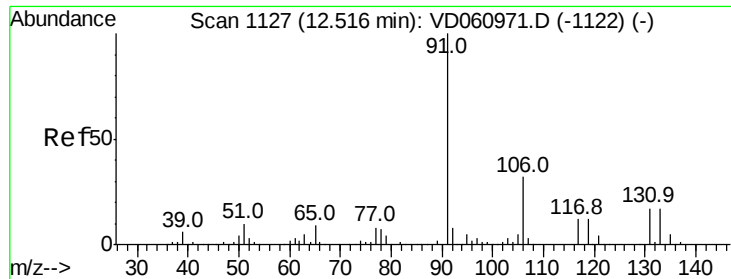
Tot Ion:112 Resp: 986831
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#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

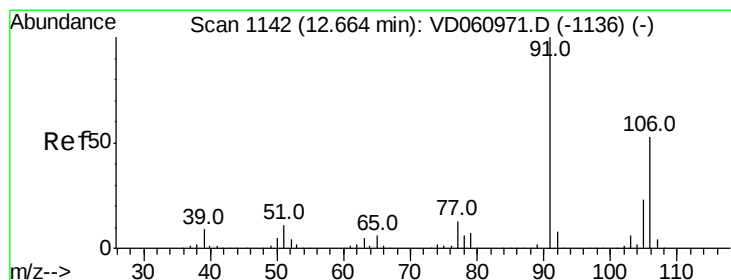
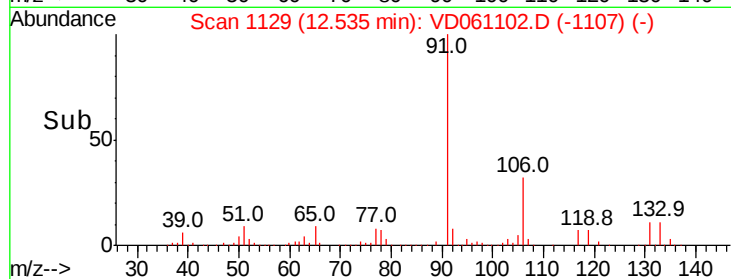
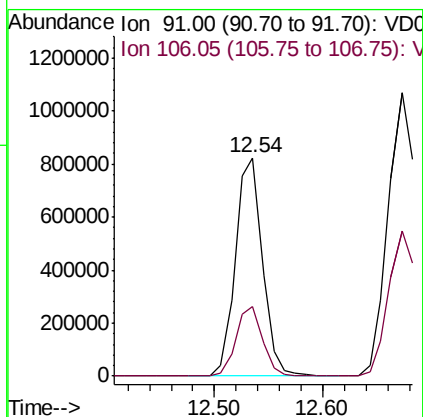
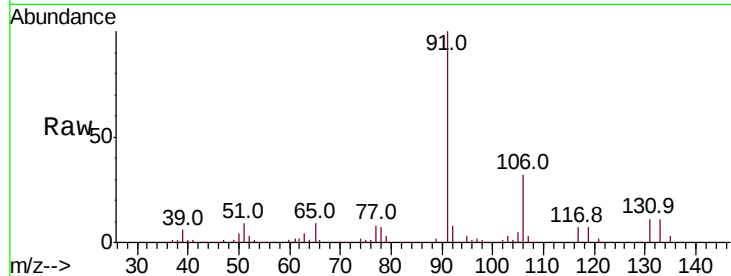
Tgt Ion:131 Resp: 361831
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 70.9 34.3 102.9





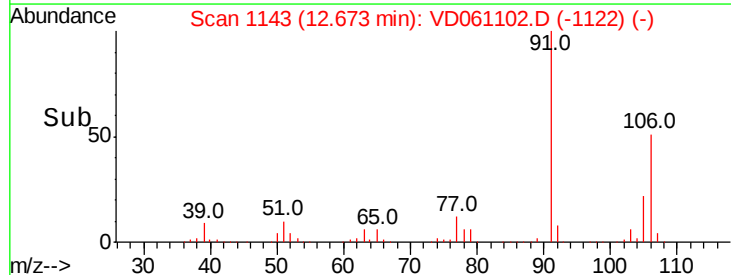
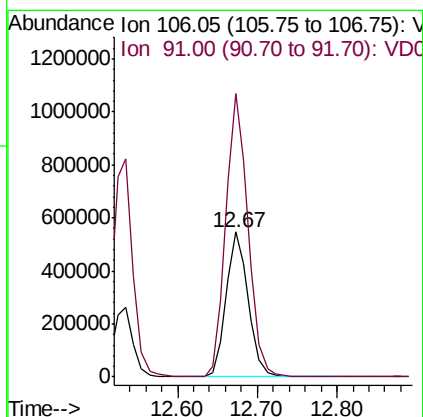
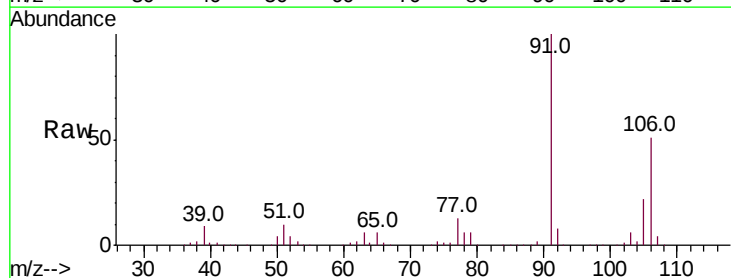
#67
Ethyl Benzene
Concen: 51.044 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.02 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

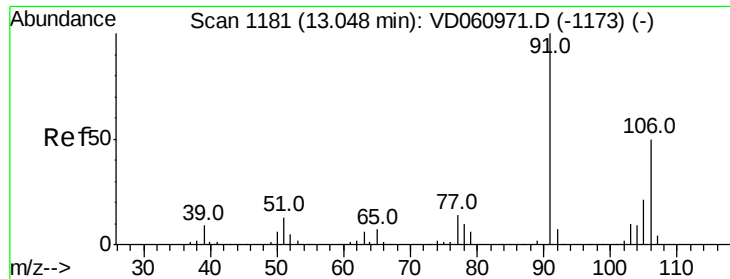
Tot Ion: 91 Resp: 1431341
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5



#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

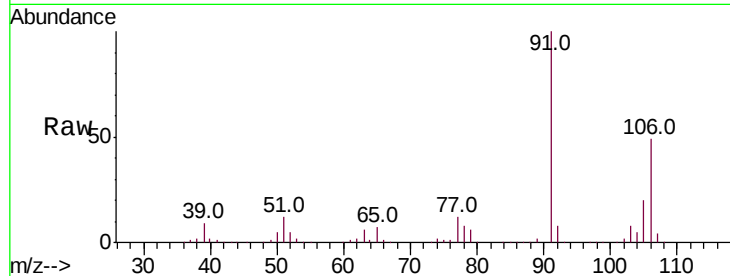
Tgt Ion: 106 Resp: 1064738
Ion Ratio Lower Upper
106 100
91 195.2 152.0 228.0



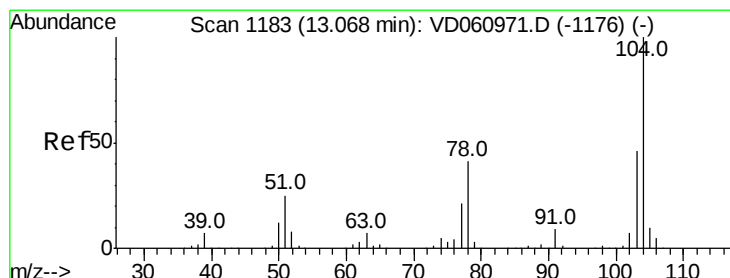
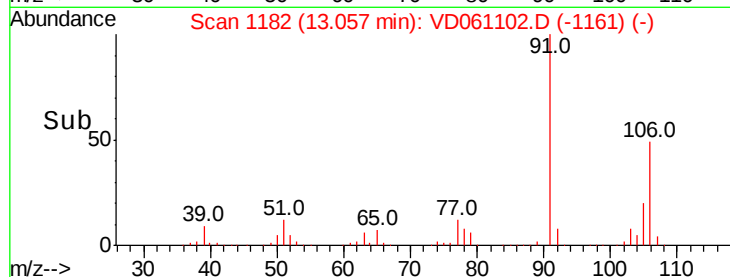
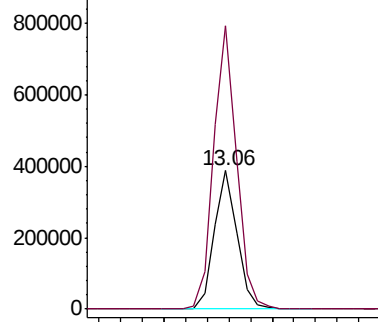


#69
o-Xylene
Concen: 52.604 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

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

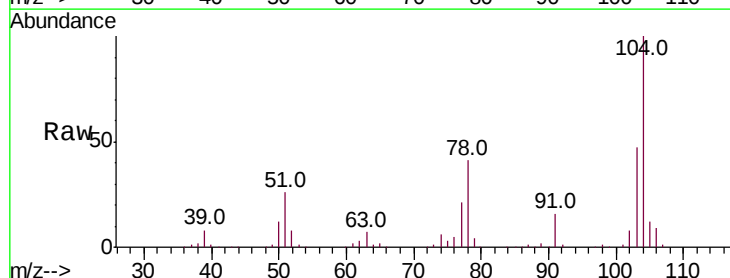


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

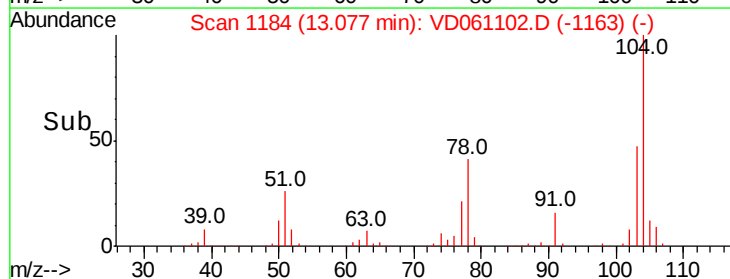
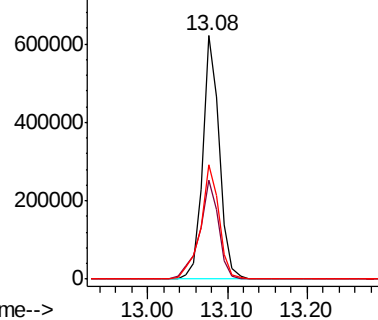


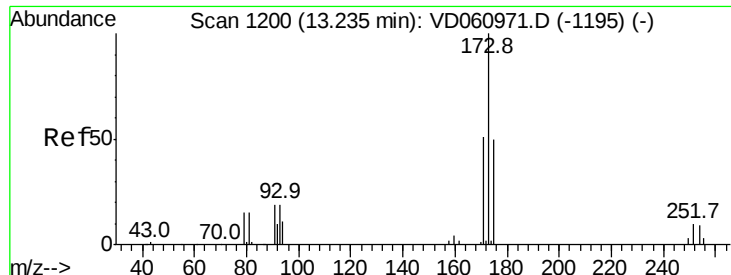
#70
Styrene
Concen: 51.856 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

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): V
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

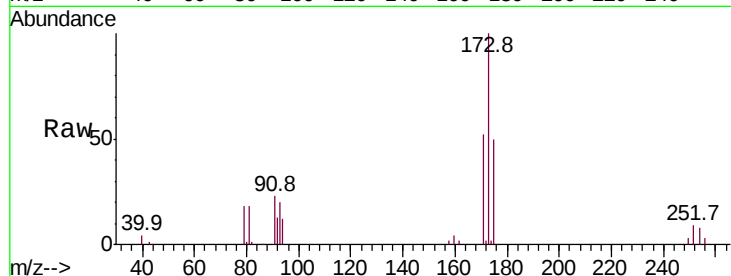
Tot Ion:173 Resp: 219415

Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.9	74.8
254	8.1	7.3	10.9

173 100

175 50.2 24.9 74.8

254 8.1 7.3 10.9

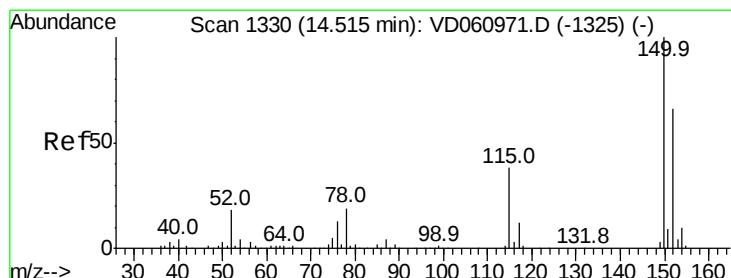
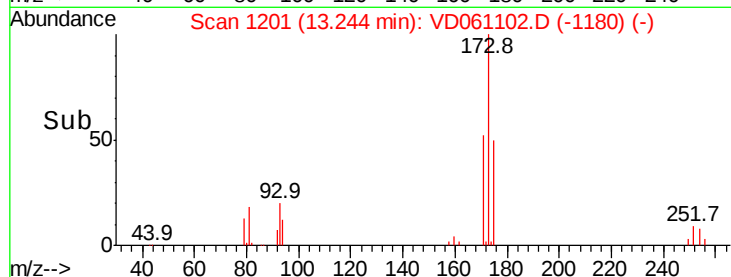
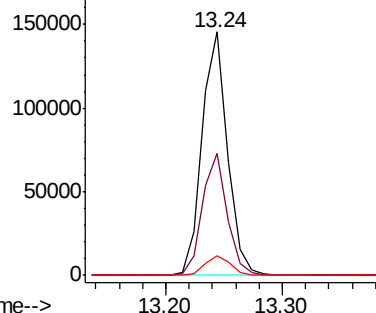


Abundance Ion 172.80 (172.50 to 173.50): V

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

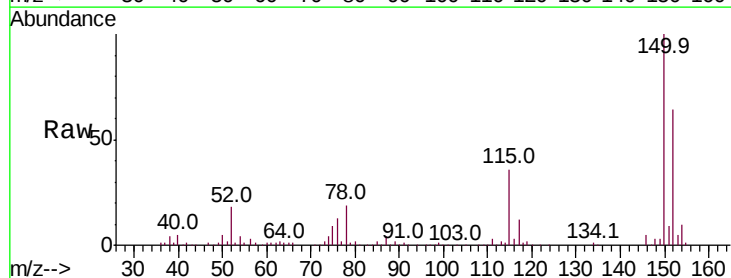
Tgt Ion:152 Resp: 417692

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.6	85.9
150	155.8	0.0	310.6

152 100

115 56.7 28.6 85.9

150 155.8 0.0 310.6

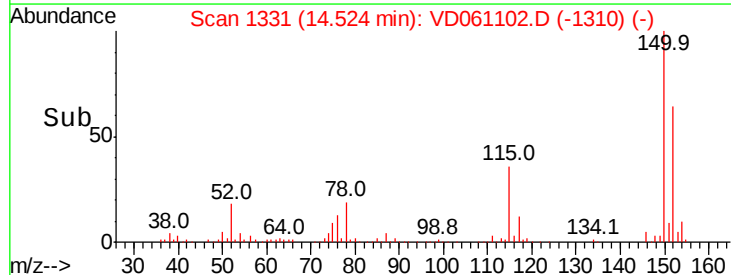
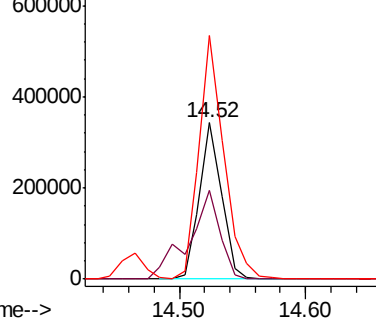


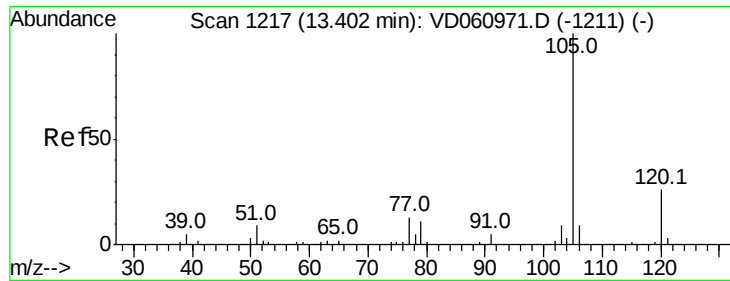
Abundance Ion 151.90 (151.60 to 152.60): V

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

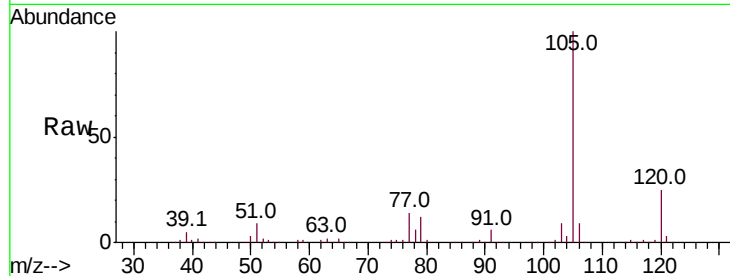
Acq: 16 Mar 2019 11:01

Tot Ion:105 Resp: 1512363

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

1200000

1000000

800000

600000

400000

200000

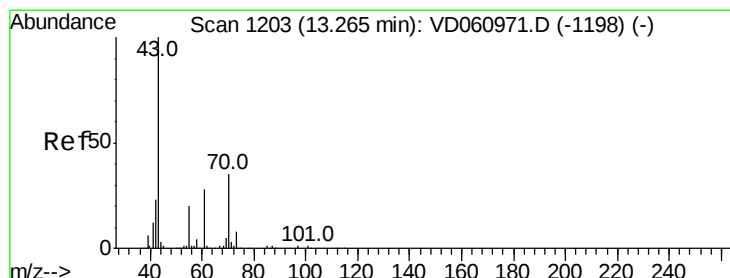
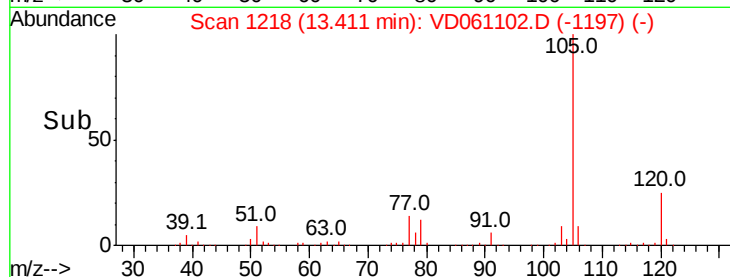
0

13.41

13.40

13.50

Time-->



#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

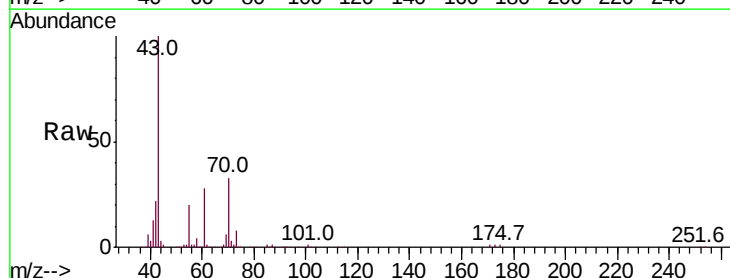
Ion Ratio Lower Upper

43 100

70 33.2 27.7 41.5

55 20.0 16.2 24.2

61 28.3 22.3 33.5



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

400000

300000

200000

100000

0

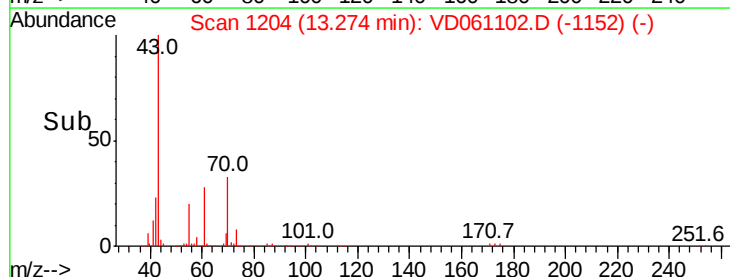
13.27

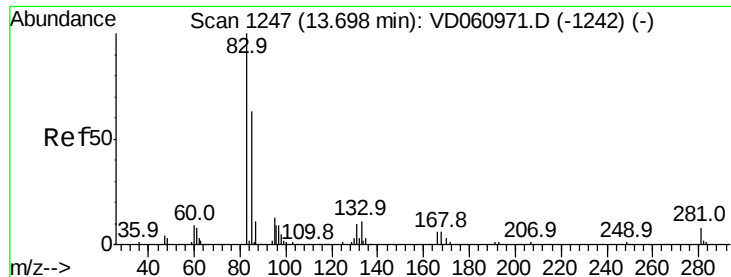
13.20

13.30

13.40

Time-->





#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

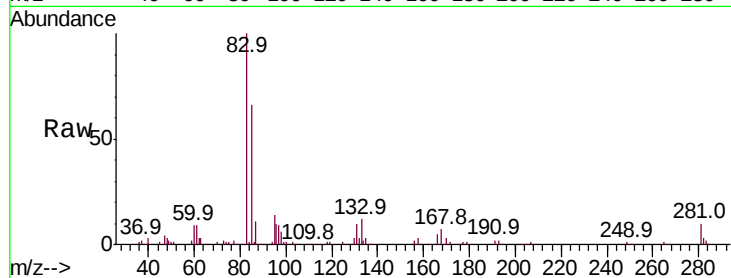
Tot Ion: 83 Resp: 304674

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

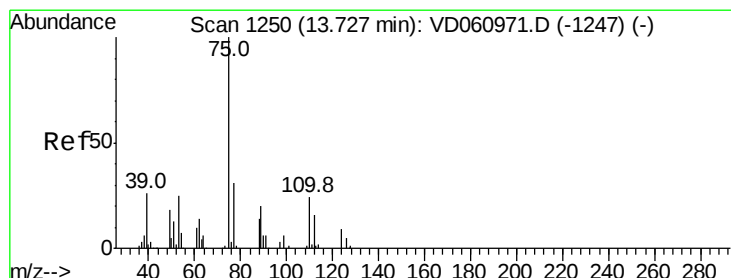
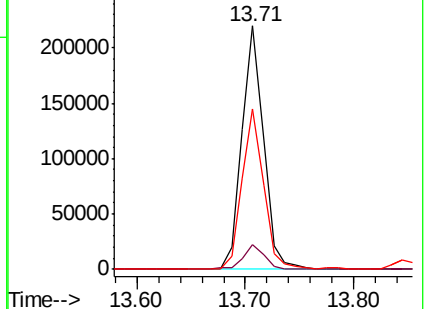
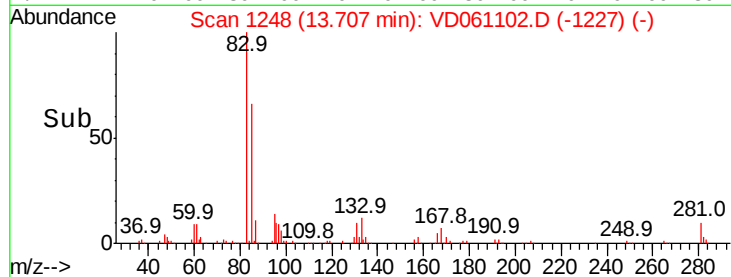
85 65.8 31.5 94.5



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 50.717 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VD061102.D

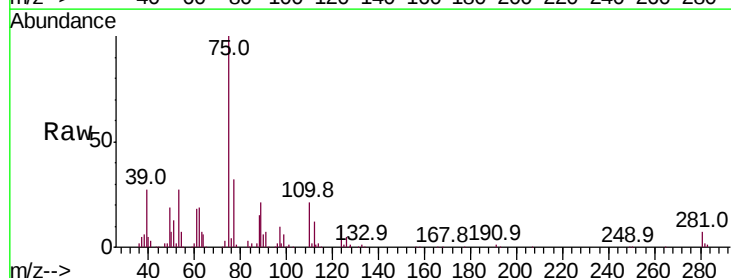
Acq: 16 Mar 2019 11:01

Tgt Ion: 75 Resp: 304771

Ion Ratio Lower Upper

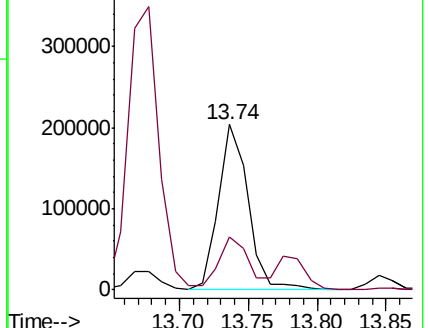
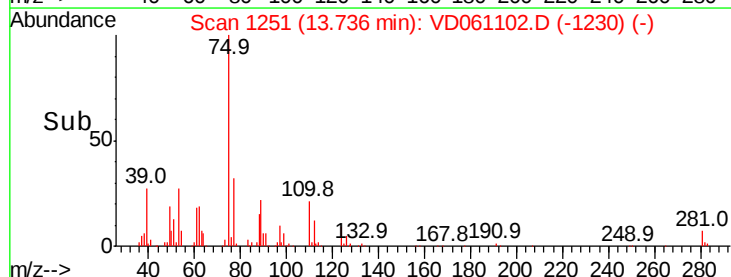
75 100

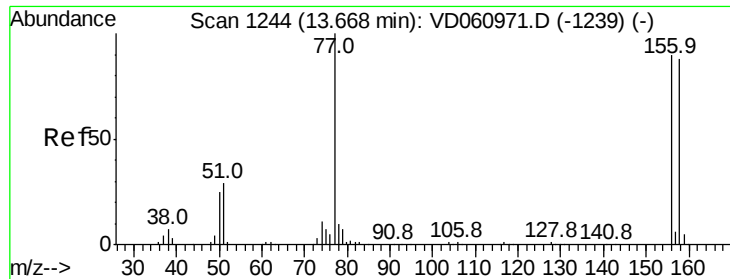
77 32.2 16.6 49.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#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

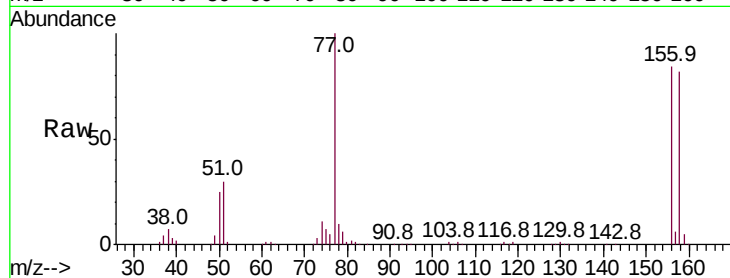
Tot Ion:156 Resp: 415209

Ion Ratio Lower Upper

156 100

77 118.7 55.5 166.7

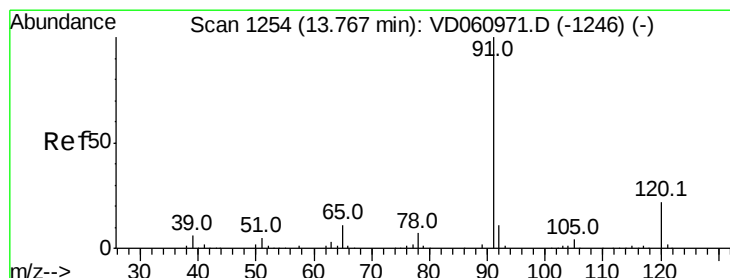
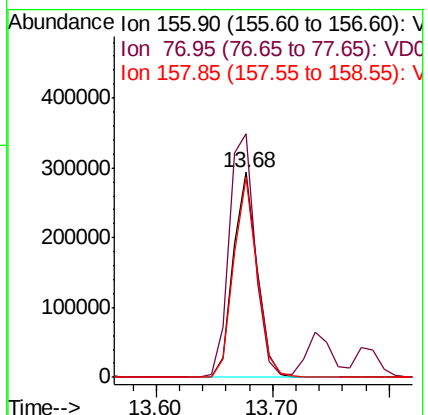
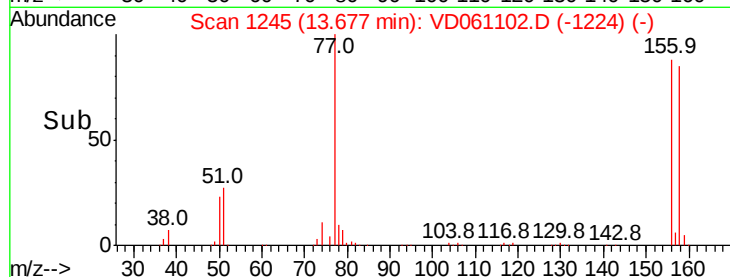
158 97.6 49.0 147.0



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

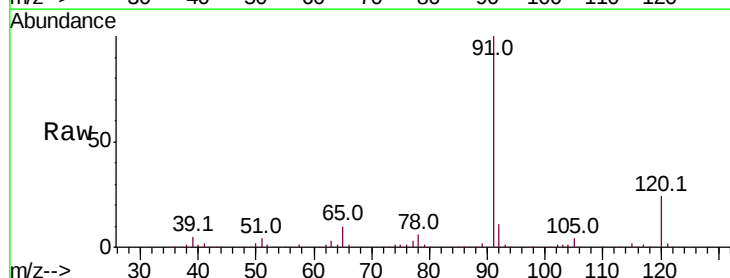
Acq: 16 Mar 2019 11:01

Tgt Ion: 91 Resp: 1798594

Ion Ratio Lower Upper

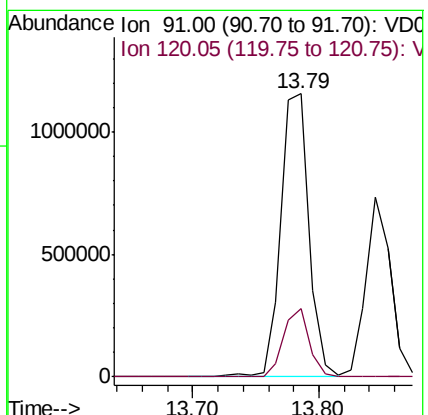
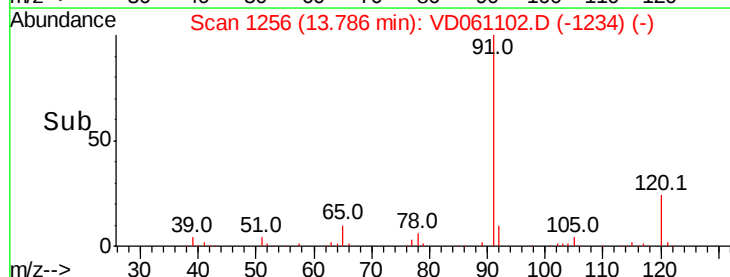
91 100

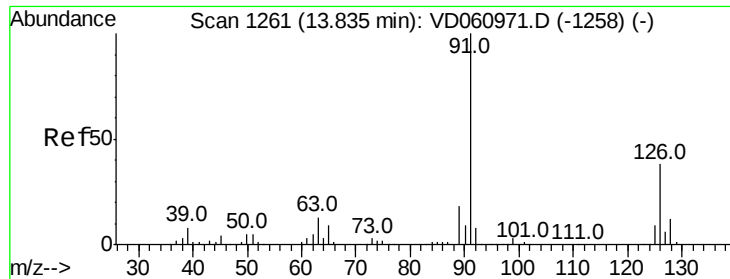
120 24.2 10.8 32.3



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

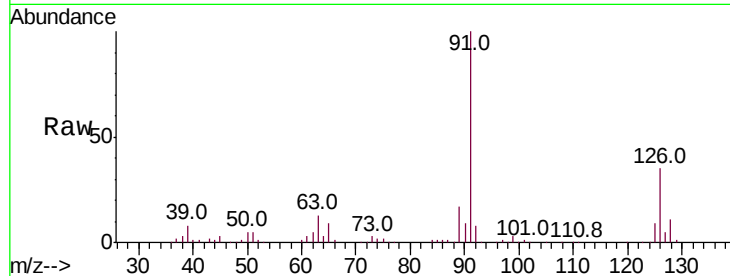
Acq: 16 Mar 2019 11:01

Tot Ion: 91 Resp: 994819

Ion Ratio Lower Upper

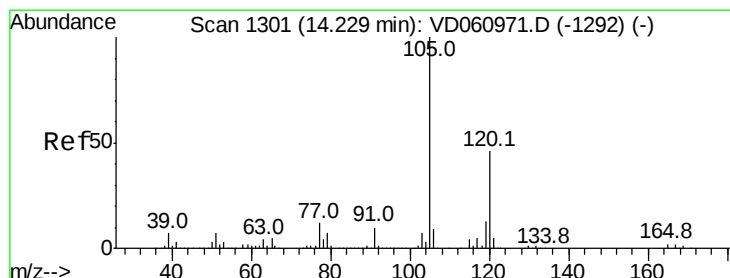
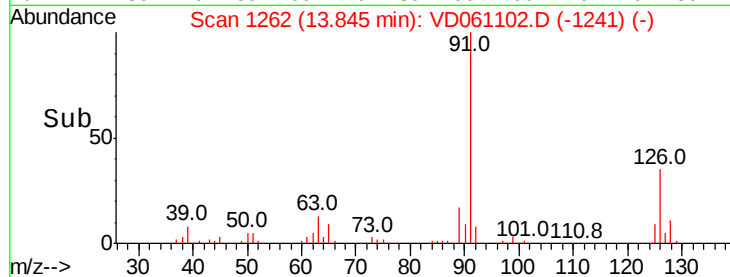
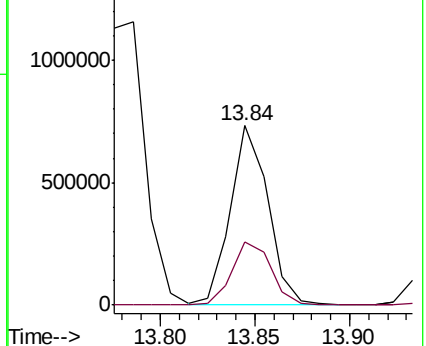
91 100

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

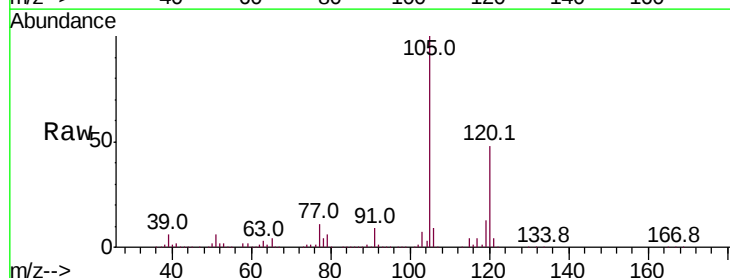
Acq: 16 Mar 2019 11:01

Tgt Ion: 105 Resp: 1132533

Ion Ratio Lower Upper

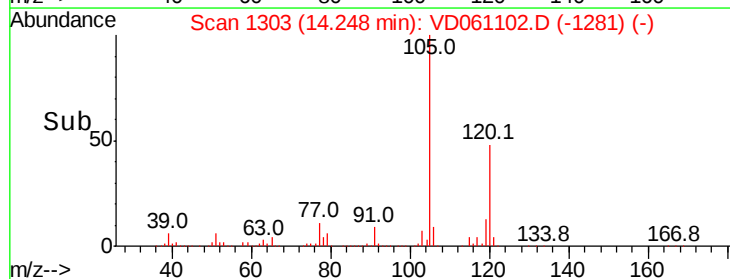
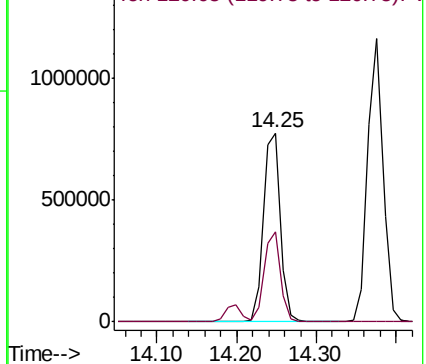
105 100

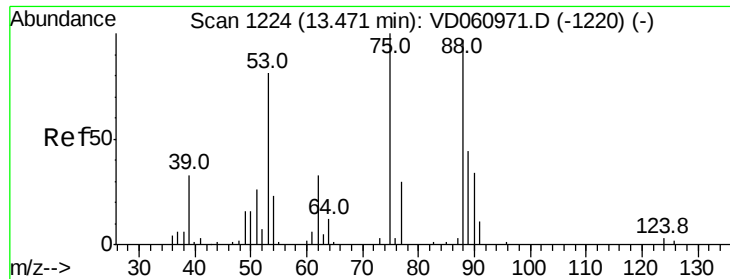
120 47.7 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V

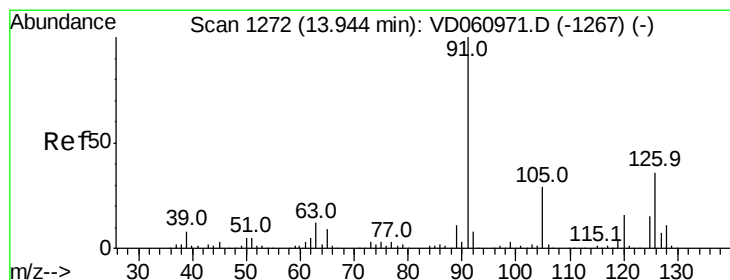
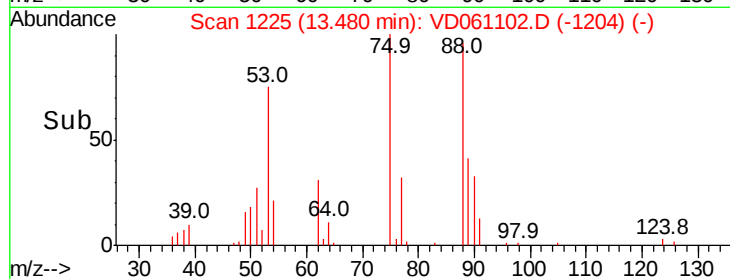
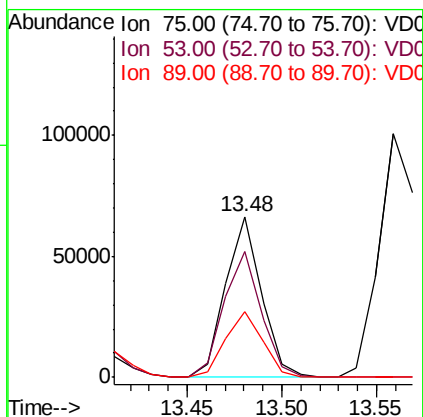
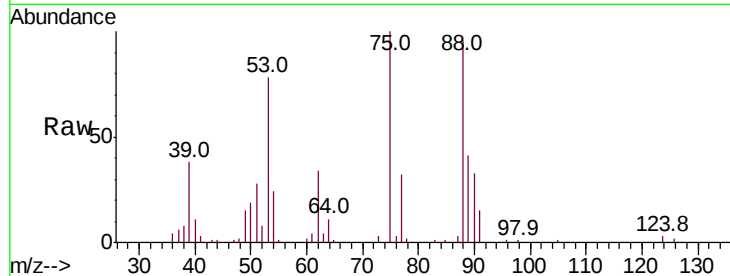
Ion 120.05 (119.75 to 120.75): V





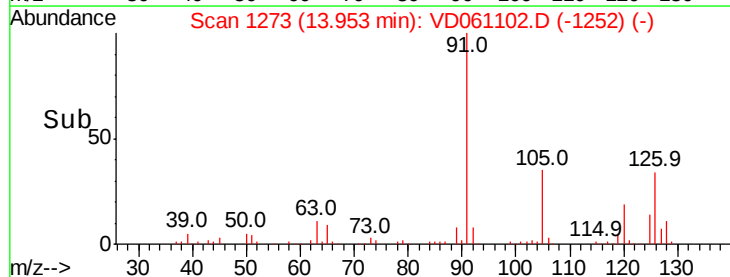
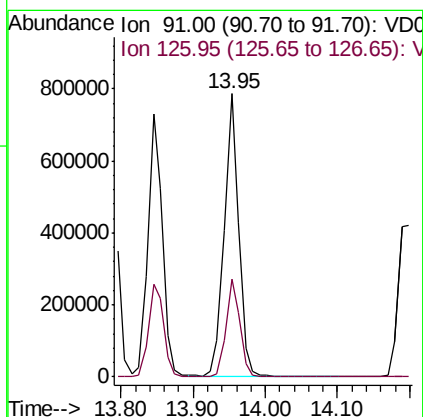
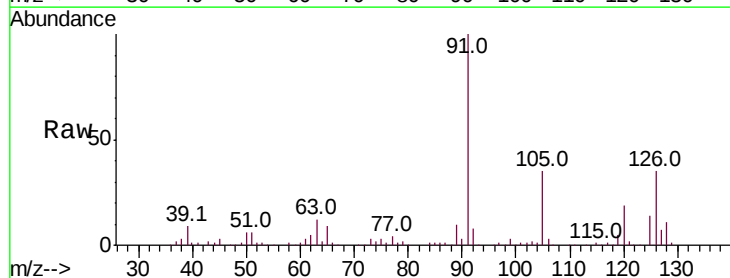
#81
trans-1,4-Dichloro-2-butene
Concen: 49.704 ug/l
RT: 13.48 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

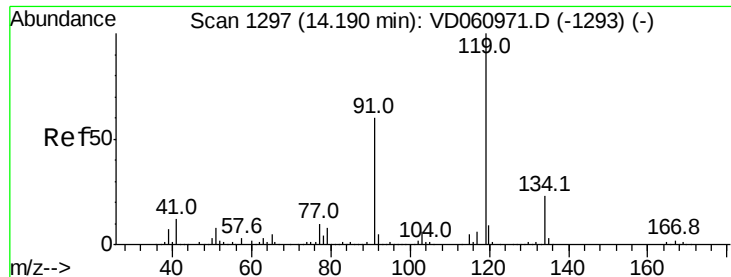
Tot Ion	Ratio	Lower	Upper
75	100		
53	78.4	64.4	96.6
89	40.6	34.8	52.2



#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	Ratio	Lower	Upper
91	100		
126	34.6	18.0	54.0





#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

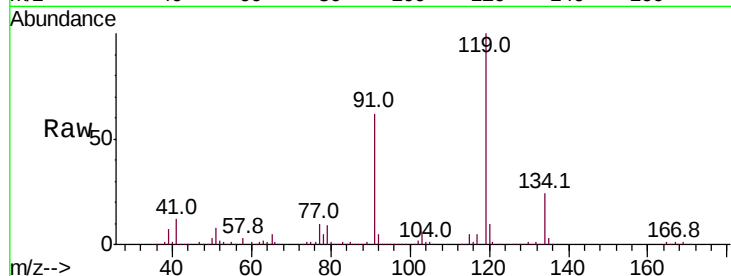
Tot Ion:119 Resp: 1356833

Ion	Ratio	Lower	Upper
119	100		
91	61.7	30.1	90.3
134	24.3	11.6	34.7

119 100

91 61.7 30.1 90.3

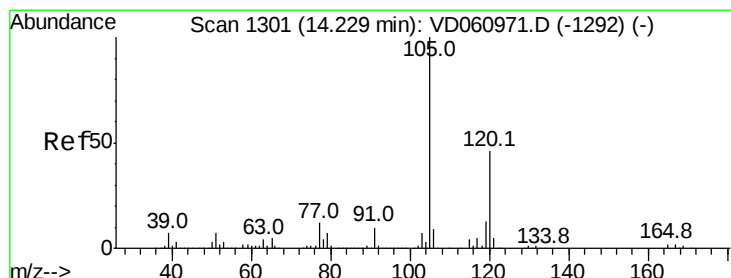
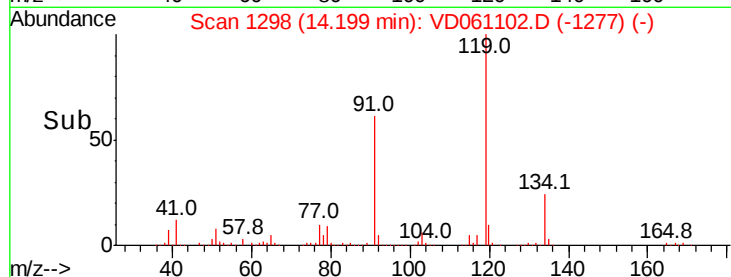
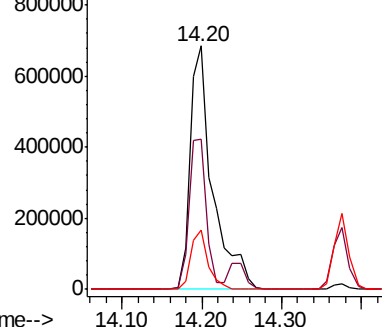
134 24.3 11.6 34.7



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.558 ug/l

RT: 14.25 min Scan# 1303

Delta R.T. 0.02 min

Lab File: VD061102.D

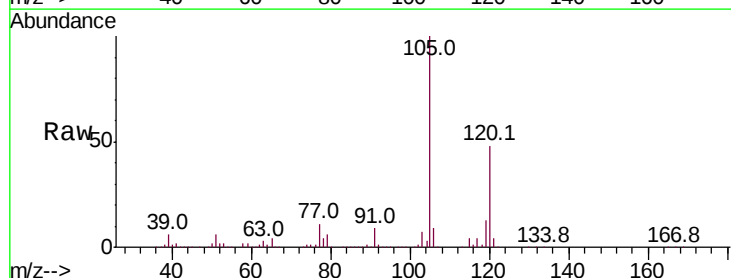
Acq: 16 Mar 2019 11:01

Tgt Ion:105 Resp: 1132533

Ion	Ratio	Lower	Upper
105	100		
120	47.7	22.9	68.5

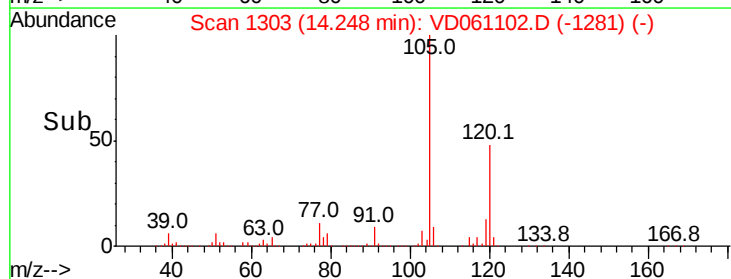
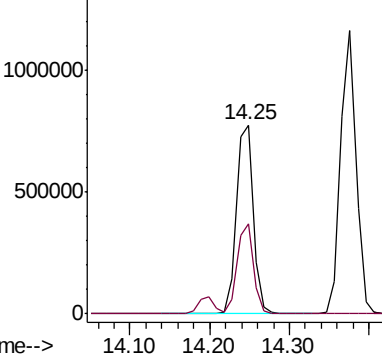
105 100

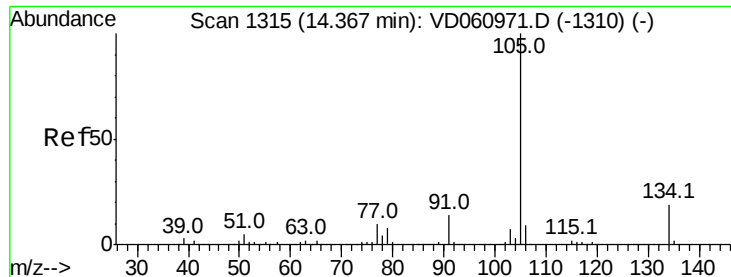
120 47.7 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 50.306 ug/l

RT: 14.38 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD061102.D

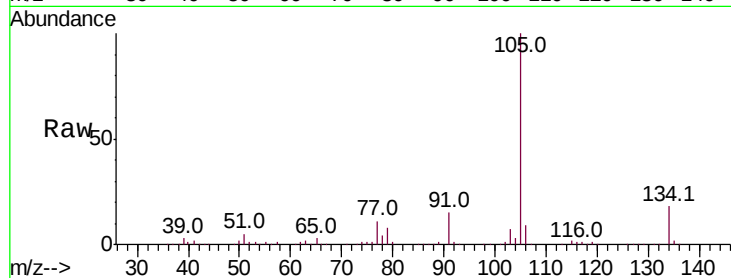
Acq: 16 Mar 2019 11:01

Tot Ion:105 Resp: 1535924

Ion Ratio Lower Upper

105 100

134 18.5 9.4 28.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

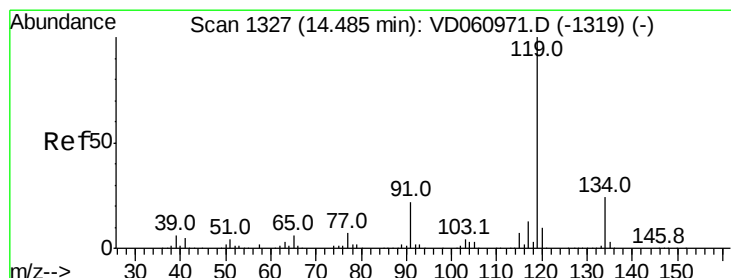
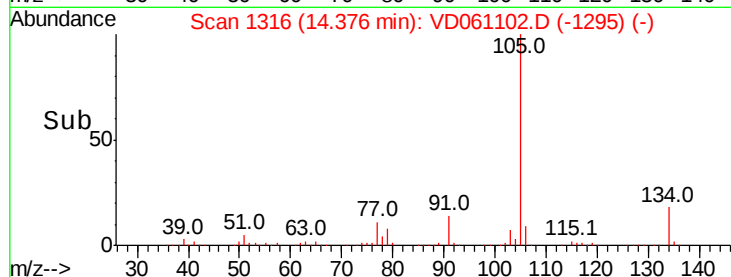
14.38

1000000

500000

0

Time-->



#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

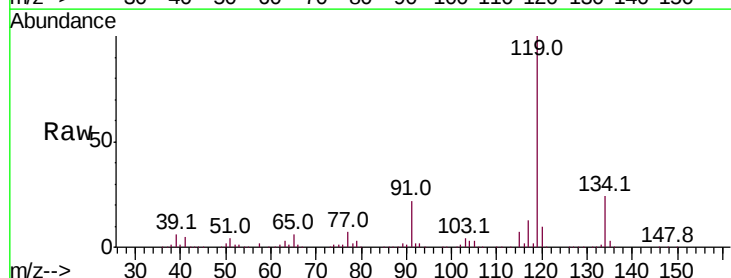
Tgt Ion:119 Resp: 1299470

Ion Ratio Lower Upper

119 100

134 24.1 12.0 36.1

91 21.9 11.2 33.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

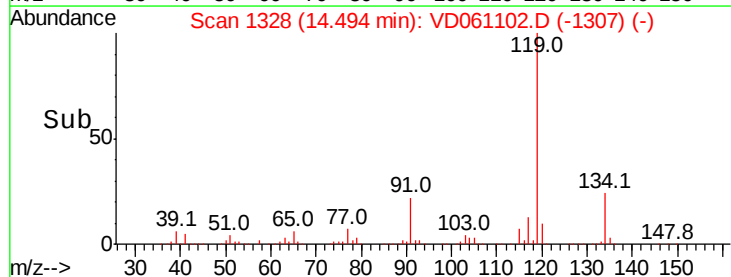
14.49

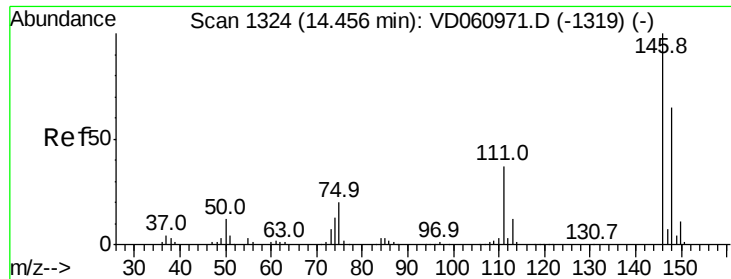
1000000

500000

0

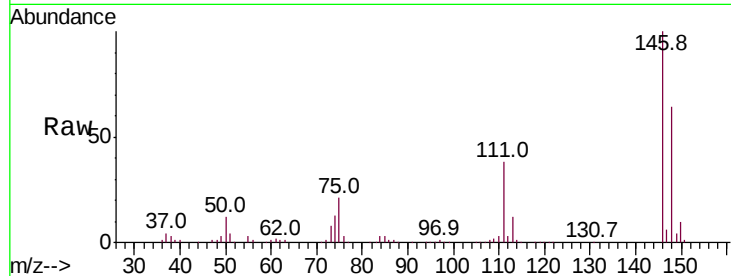
Time-->



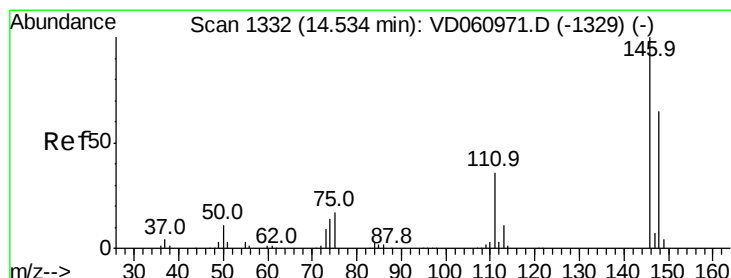
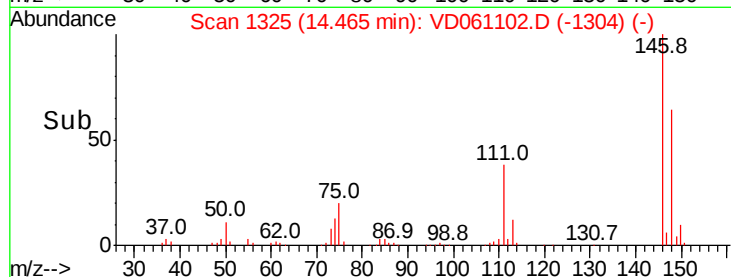
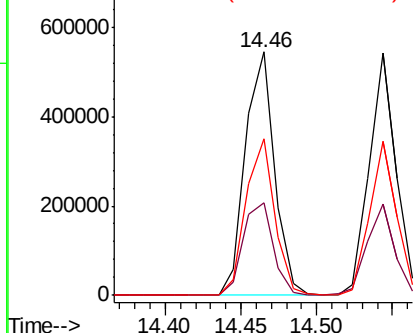


#87
 1,3-Dichlorobenzene
 Concen: 53.500 ug/l
 RT: 14.46 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

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

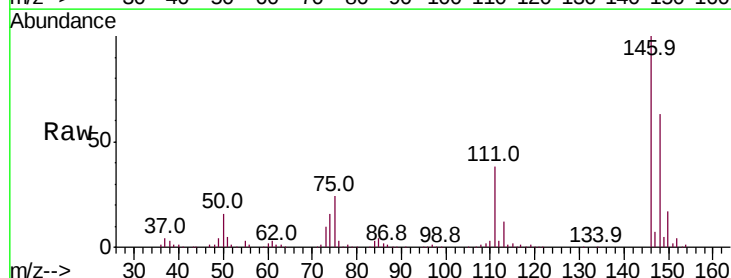


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

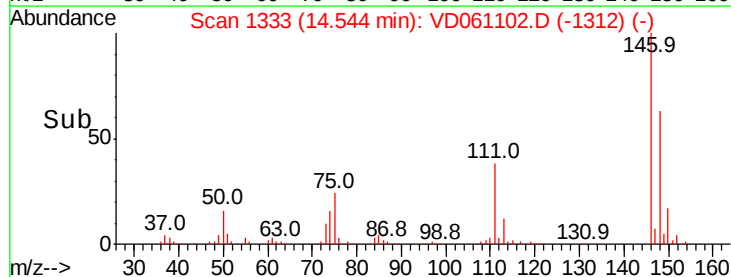
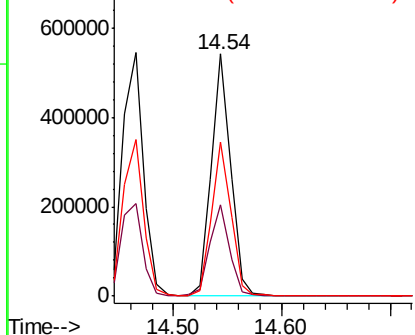


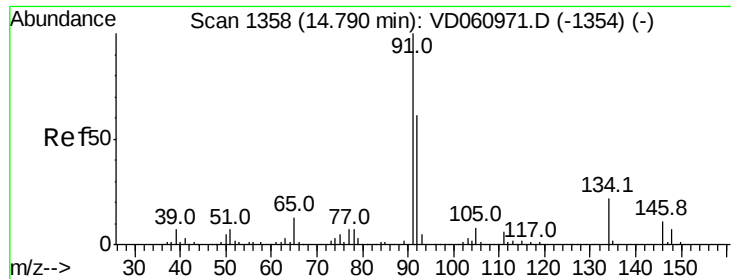
#88
 1,4-Dichlorobenzene
 Concen: 49.927 ug/l
 RT: 14.54 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

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

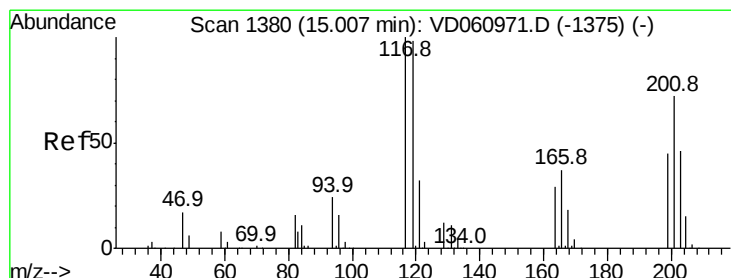
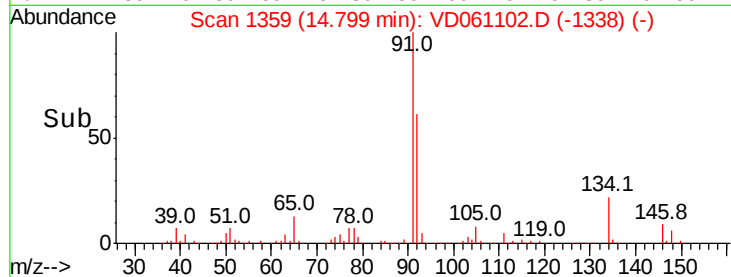
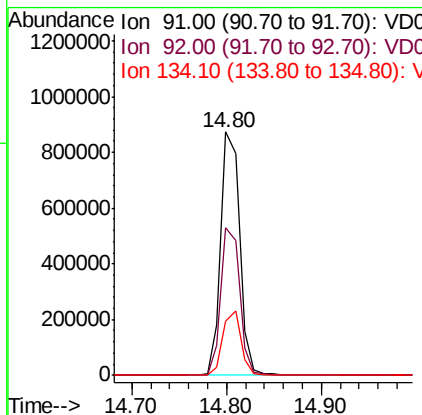
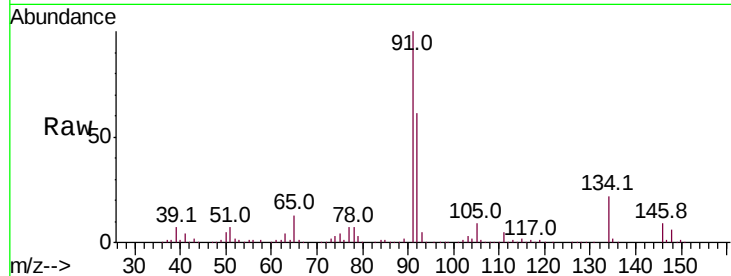




#89
n-Butylbenzene
Concen: 50.570 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tot Ion: 91 Resp: 1211977

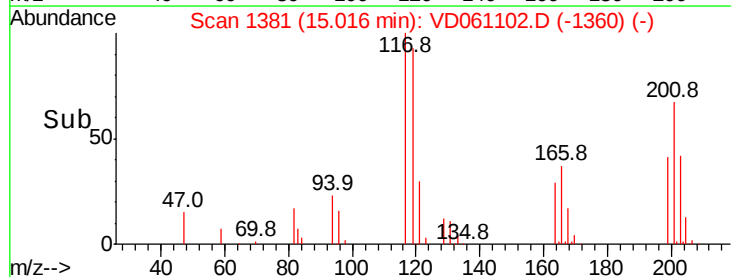
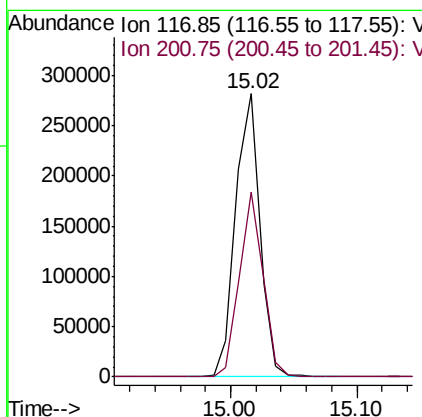
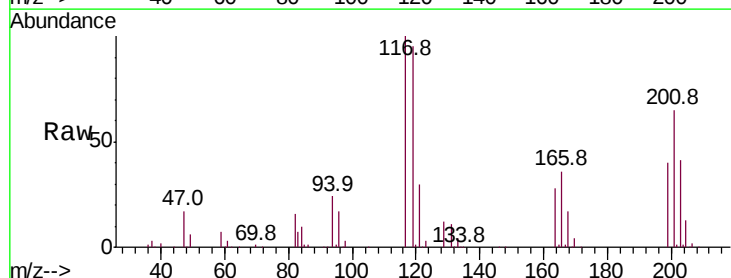
Ion	Ratio	Lower	Upper
91	100		
92	60.8	30.6	91.8
134	22.3	11.0	33.0

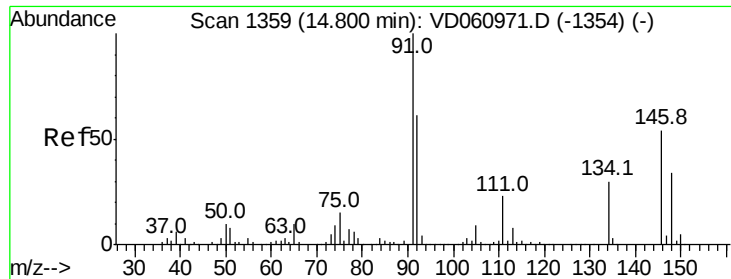


#90
Hexachloroethane
Concen: 53.166 ug/l
RT: 15.02 min Scan# 1381
Delta R.T. 0.01 min
Lab File: VD061102.D
Acq: 16 Mar 2019 11:01

Tgt Ion: 117 Resp: 374660

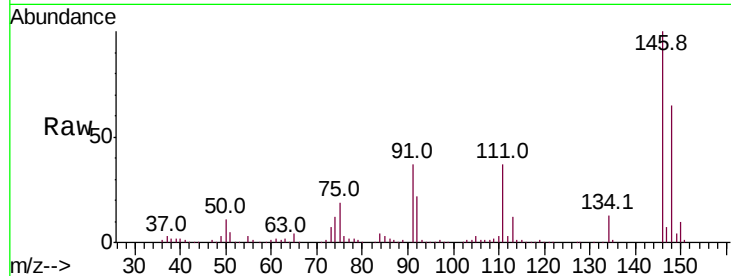
Ion	Ratio	Lower	Upper
117	100		
201	65.1	36.2	108.6



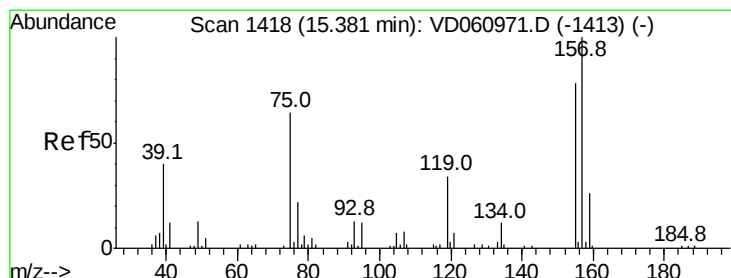
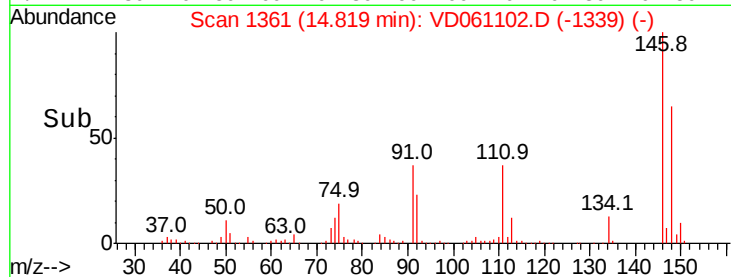
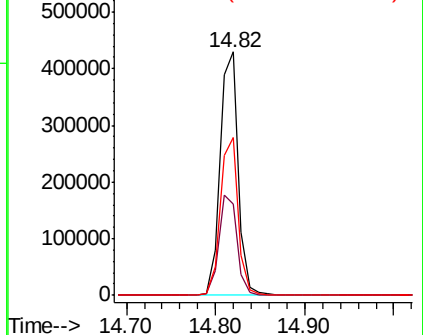


#91
 1,2-Dichlorobenzene
 Concen: 53.398 ug/l
 RT: 14.82 min Scan# 1361
 Delta R.T. 0.02 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

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

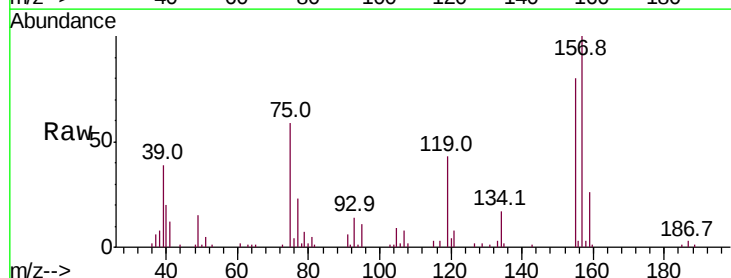


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

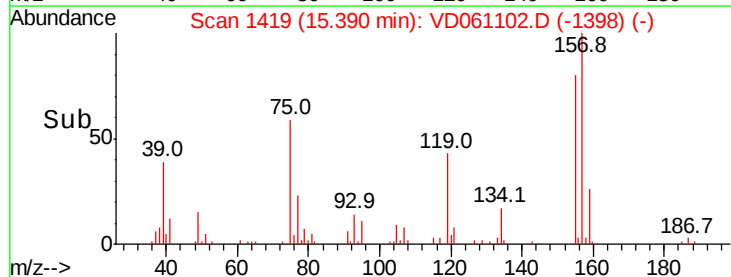
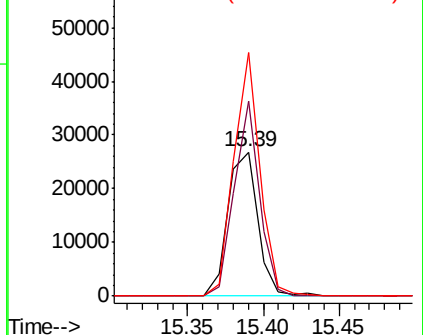


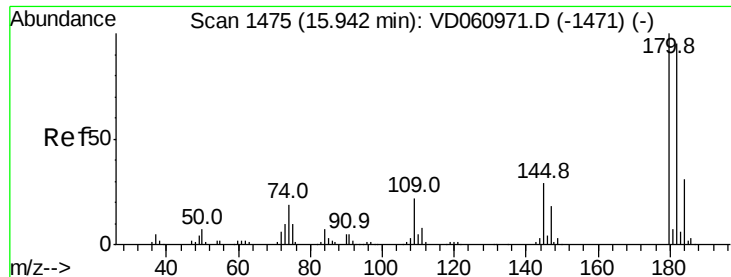
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.504 ug/l
 RT: 15.39 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

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



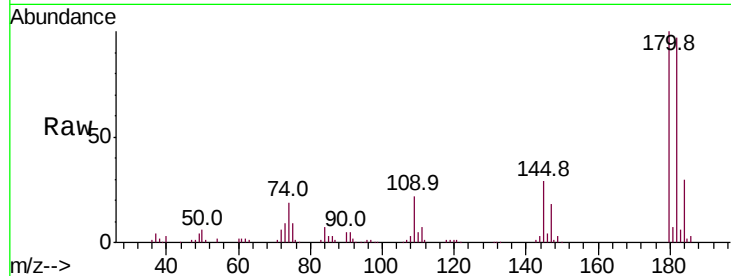
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



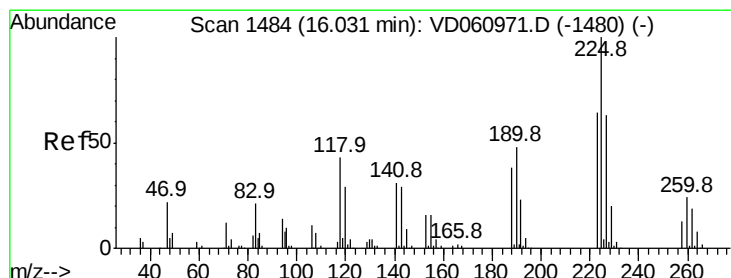
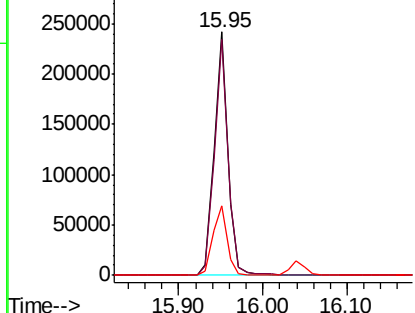
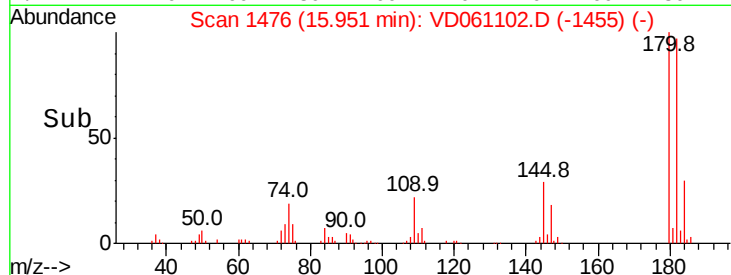


#93
 1,2,4-Trichlorobenzene
 Concen: 51.593 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	142.0
145	28.7	14.4	43.0

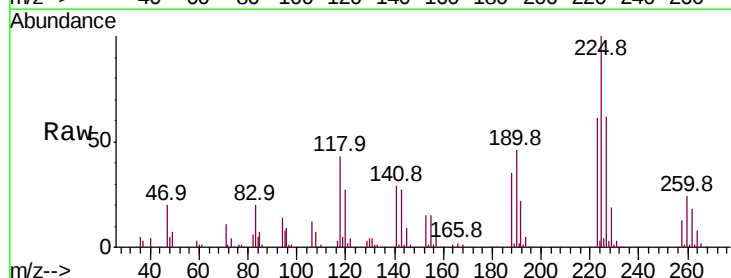


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

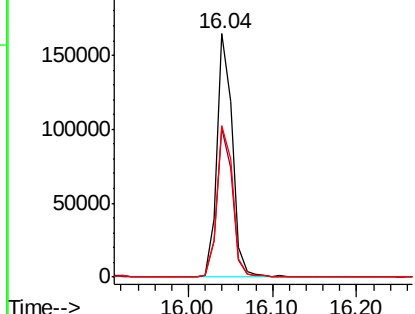
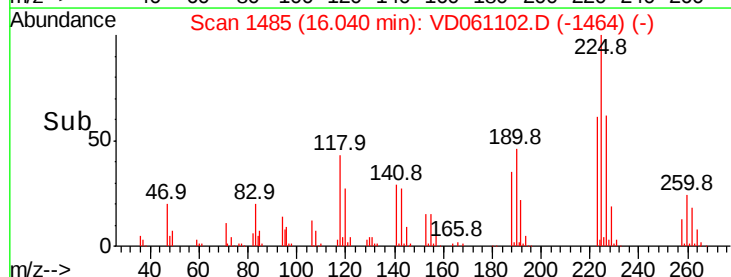


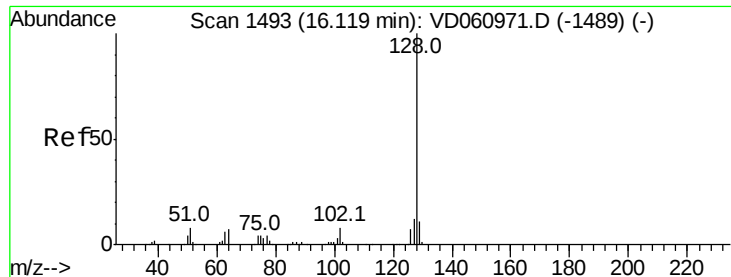
#94
 Hexachlorobutadiene
 Concen: 52.268 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: VD061102.D
 Acq: 16 Mar 2019 11:01

Tgt Ion	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

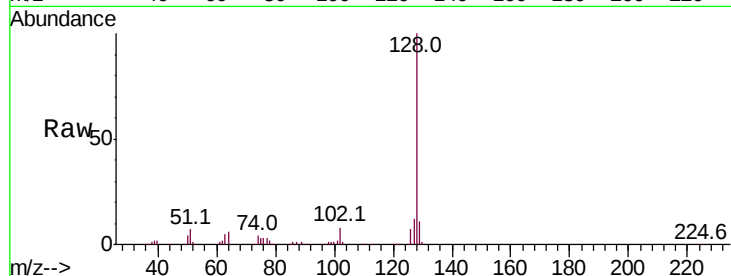
Delta R.T. 0.01 min

Lab File: VD061102.D

Acq: 16 Mar 2019 11:01

Tot Ion:128 Resp: 405655

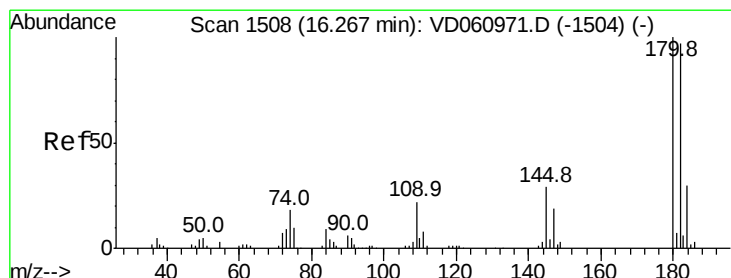
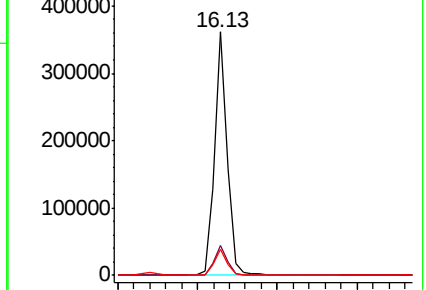
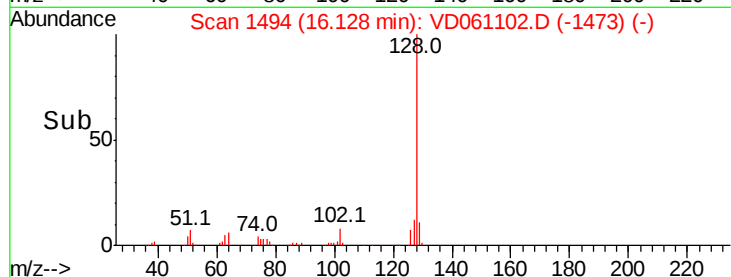
Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.8
129	10.9	8.5	12.7



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

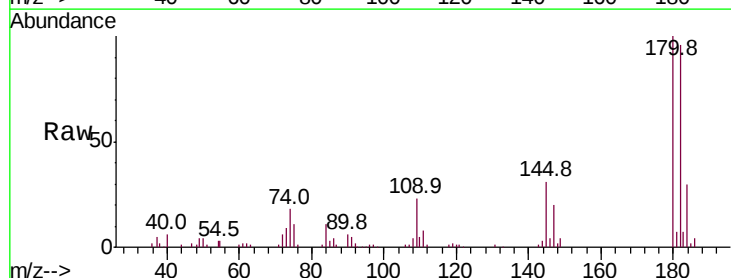
Delta R.T. 0.01 min

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

