

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061104.D
 Acq On : 16 Mar 2019 12:51
 Operator : VA/AP
 Sample : VD0316SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 04:10:04 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	715588	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1300236	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1065173	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	443571	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	277279	46.55	ug/l	0.01
Spiked Amount			Recovery	=	93.10%	
35) Dibromofluoromethane	6.94	113	453717	47.02	ug/l	0.01
Spiked Amount			Recovery	=	94.04%	
50) Toluene-d8	10.41	98	1080485	44.59	ug/l	0.01
Spiked Amount			Recovery	=	89.18%	
62) 4-Bromofluorobenzene	13.56	95	409484	43.55	ug/l	0.01
Spiked Amount			Recovery	=	87.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	144888	20.440	ug/l	100
3) Chloromethane	1.76	50	129991	22.014	ug/l	100
4) Vinyl Chloride	1.86	62	116580	21.366	ug/l	98
5) Bromomethane	2.15	94	15369	13.422	ug/l	84
6) Chloroethane	2.27	64	30965	18.960	ug/l #	88
7) Trichlorofluoromethane	2.54	101	169534	21.629	ug/l	99
8) Diethyl Ether	2.88	74	52177	20.179	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.16	101	186686	21.304	ug/l	99
10) Methyl Iodide	3.33	142	206980	19.079	ug/l	98
11) Tert butyl alcohol	4.08	59	36156	95.348	ug/l	99
12) 1,1-Dichloroethene	3.14	96	146817	20.439	ug/l	98
13) Acrolein	3.05	56	32307	58.883	ug/l	86
14) Allyl chloride	3.63	41	242949	21.139	ug/l	98
15) Acrylonitrile	4.21	53	132721	99.030	ug/l	96
16) Acetone	3.23	43	175033	102.761	ug/l	94
17) Carbon Disulfide	3.38	76	452663	18.681	ug/l	99
18) Methyl Acetate	3.65	43	65378	19.504	ug/l #	91
19) Methyl tert-butyl Ether	4.24	73	259752	20.634	ug/l	99
20) Methylene Chloride	3.83	84	163886	18.129	ug/l	94
21) trans-1,2-Dichloroethene	4.23	96	162092	20.849	ug/l	98
22) Diisopropyl ether	5.14	45	473313	19.839	ug/l	98
23) Vinyl Acetate	5.07	43	1302095	106.316	ug/l	100
24) 1,1-Dichloroethane	5.00	63	262326	20.068	ug/l	99
25) 2-Butanone	6.08	43	199285	103.108	ug/l	99
26) 2,2-Dichloropropane	6.03	77	209131	20.494	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	174113	21.108	ug/l	98
28) Bromochloromethane	6.45	49	104202	18.830	ug/l	100
29) Tetrahydrofuran	6.47	42	104693	99.756	ug/l	97
30) Chloroform	6.67	83	275753	20.354	ug/l	99
31) Cyclohexane	6.97	56	226543	21.493	ug/l	93
32) 1,1,1-Trichloroethane	6.88	97	244823	20.902	ug/l	95
36) 1,1-Dichloropropene	7.16	75	207158	18.483	ug/l	99
37) Ethyl Acetate	6.19	43	98583	18.744	ug/l	97
38) Carbon Tetrachloride	7.13	117	221028	17.903	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	235150	20.234	ug/l	99
40) Benzene	7.47	78	526379	18.795	ug/l	99
41) Methacrylonitrile	6.46	41	110572m	18.278	ug/l	
42) 1,2-Dichloroethane	7.59	62	155309	19.110	ug/l	96
43) Isopropyl Acetate	9.24	43	136840	18.785	ug/l #	99
44) Trichloroethene	8.55	130	193406	20.018	ug/l	100
45) 1,2-Dichloropropane	8.95	63	145325	19.751	ug/l	99
46) Dibromomethane	9.07	93	90585	19.409	ug/l	96
47) Bromodichloromethane	9.38	83	202185	19.197	ug/l	99
48) Methyl methacrylate	9.13	41	75844	18.492	ug/l	97
49) 1,4-Dioxane	9.08	88	15343	369.951	ug/l #	94
51) 4-Methyl-2-Pentanone	10.31	43	415805	93.174	ug/l	98
52) Toluene	10.52	92	341522	19.611	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	171073	17.764	ug/l	100
54) cis-1,3-Dichloropropene	10.05	75	230460	19.917	ug/l	98
55) 1,1,2-Trichloroethane	11.20	97	110706	19.089	ug/l	98
56) Ethyl methacrylate	11.05	69	113358	18.674	ug/l	97
57) 1,3-Dichloropropane	11.42	76	164130	18.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	284210	88.450	ug/l	98
59) 2-Hexanone	11.54	43	327115	100.206	ug/l	98
60) Dibromochloromethane	11.69	129	169639	19.875	ug/l	99
61) 1,2-Dibromoethane	11.81	107	130426	19.332	ug/l	97
64) Tetrachloroethene	11.27	164	144748	20.131	ug/l	95
65) Chlorobenzene	12.40	112	446505	21.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	155399	20.877	ug/l	98
67) Ethyl Benzene	12.53	91	652590	20.992	ug/l	99
68) m/p-Xylenes	12.68	106	500542	41.022	ug/l	99
69) o-Xylene	13.05	106	243856	20.332	ug/l	94
70) Styrene	13.08	104	389002	19.862	ug/l	98
71) Bromoform	13.24	173	94058	19.588	ug/l	96
73) Isopropylbenzene	13.41	105	669328	20.938	ug/l	98
74) N-amyl acetate	13.27	43	180500	20.053	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	121103	19.417	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	124754	19.549	ug/l	97
77) Bromobenzene	13.67	156	175130	21.461	ug/l	87
78) n-propylbenzene	13.78	91	799509	21.364	ug/l	97
79) 2-Chlorotoluene	13.85	91	434670	21.097	ug/l	96
80) 1,3,5-Trimethylbenzene	14.24	105	545080	22.461	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.48	75	36783	19.551	ug/l	95
82) 4-Chlorotoluene	13.95	91	512975	21.061	ug/l	92
83) tert-Butylbenzene	14.19	119	616688	23.220	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	545080	22.461	ug/l	97
85) sec-Butylbenzene	14.37	105	621889	19.180	ug/l	94
86) p-Isopropyltoluene	14.50	119	607856	22.936	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	316873	21.746	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	288796	20.169	ug/l	95
89) n-Butylbenzene	14.80	91	516747	20.304	ug/l	97
90) Hexachloroethane	15.01	117	156970	20.975	ug/l	80
91) 1,2-Dichlorobenzene	14.81	146	248439	20.452	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14813	19.709	ug/l	83

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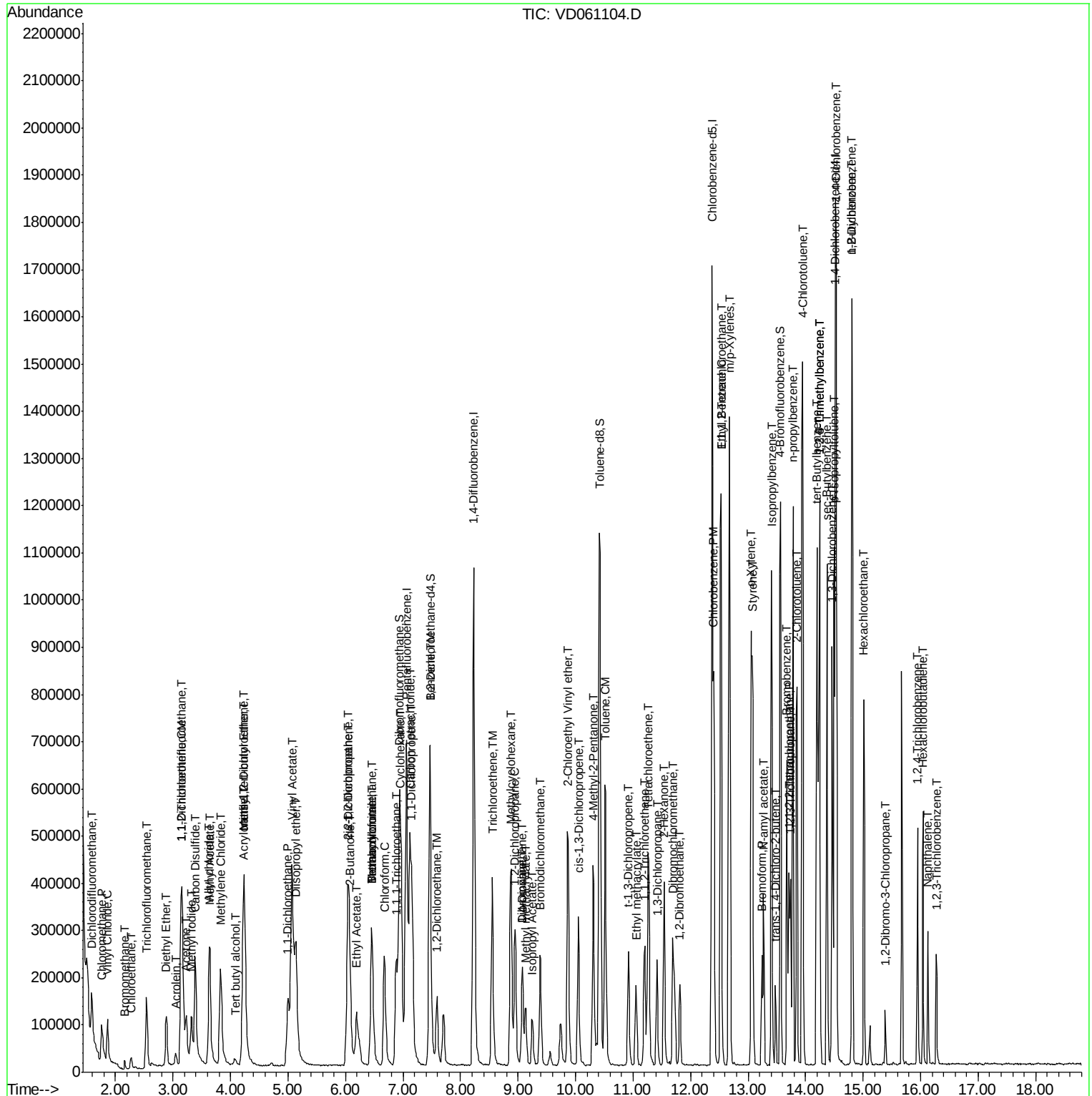
Quant Time: Mar 18 04:10:04 2019
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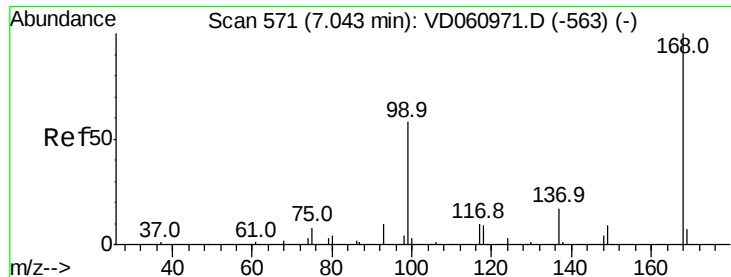
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	128994	22.891	ug/l	98
94) Hexachlorobutadiene	16.04	225	93052	21.831	ug/l	98
95) Naphthalene	16.13	128	194204	22.678	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	62606	22.494	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061104.D

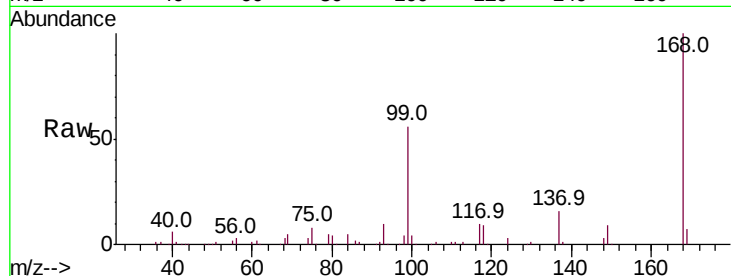
Acq: 16 Mar 2019 12:51

Tot Ion:168 Resp: 715588

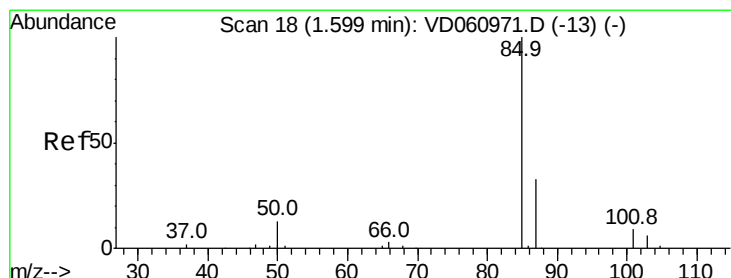
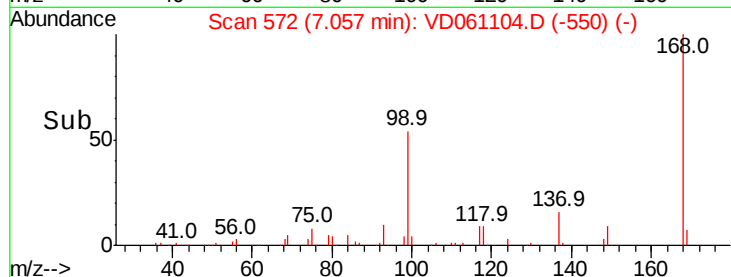
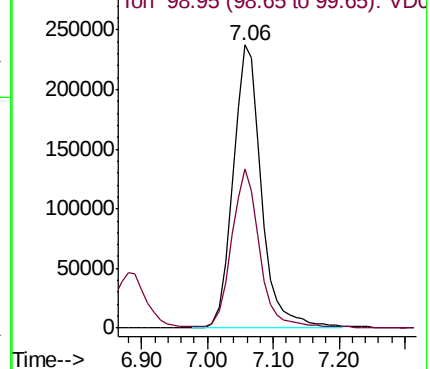
Ion Ratio Lower Upper

168 100

99 56.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V



#2

Dichlorodifluoromethane

Concen: 20.440 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.02 min

Lab File: VD061104.D

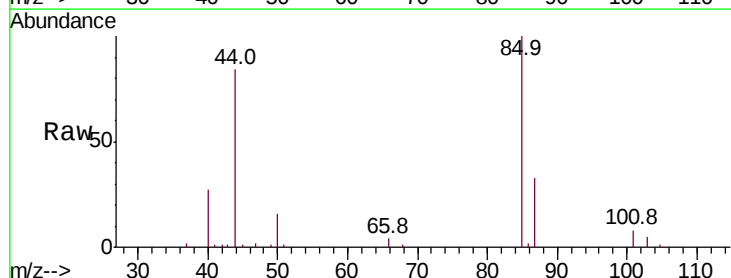
Acq: 16 Mar 2019 12:51

Tgt Ion: 85 Resp: 144888

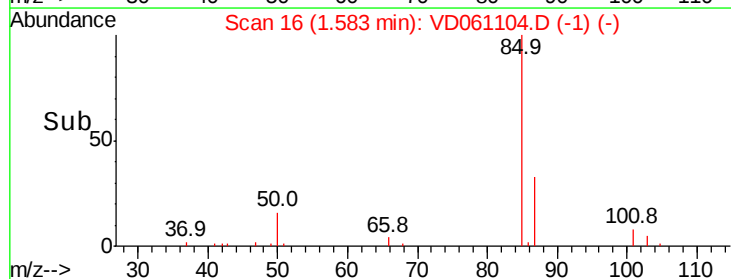
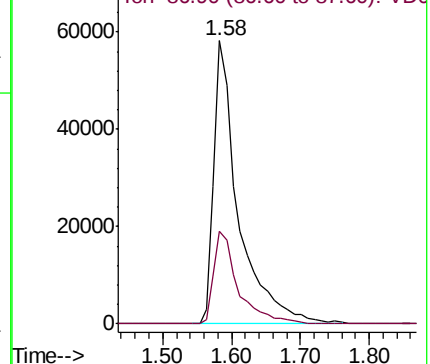
Ion Ratio Lower Upper

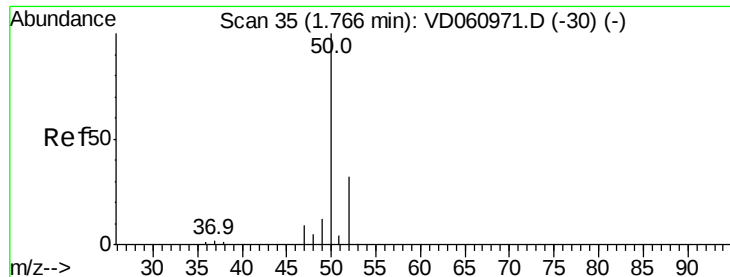
85 100

87 32.8 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC





#3

Chloromethane

Concen: 22.014 ug/l

RT: 1.76 min Scan# 34

Delta R.T. -0.01 min

Lab File: VD061104.D

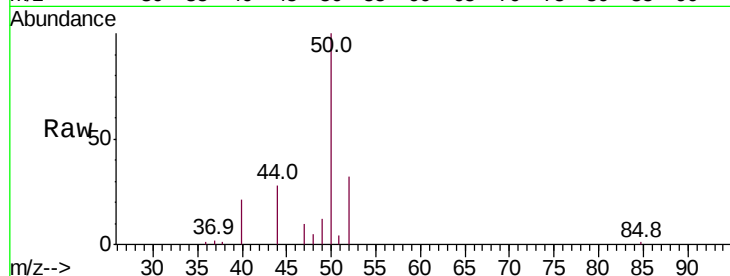
Acq: 16 Mar 2019 12:51

Tot Ion: 50 Resp: 129991

Ion Ratio Lower Upper

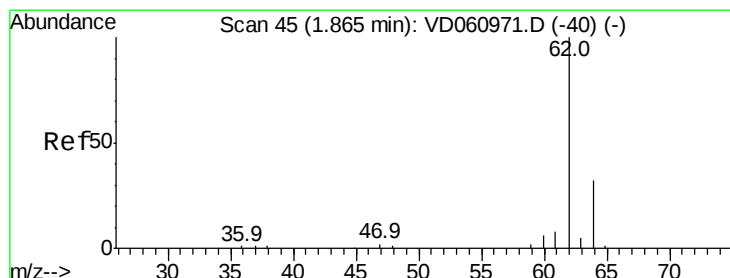
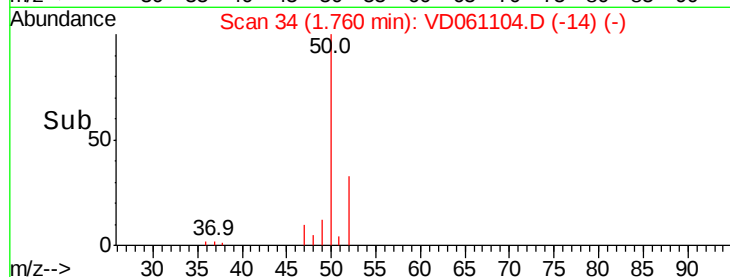
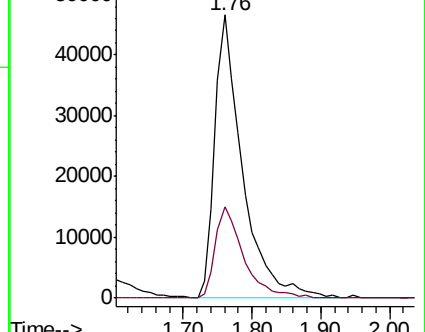
50 100

52 32.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.366 ug/l

RT: 1.86 min Scan# 44

Delta R.T. -0.01 min

Lab File: VD061104.D

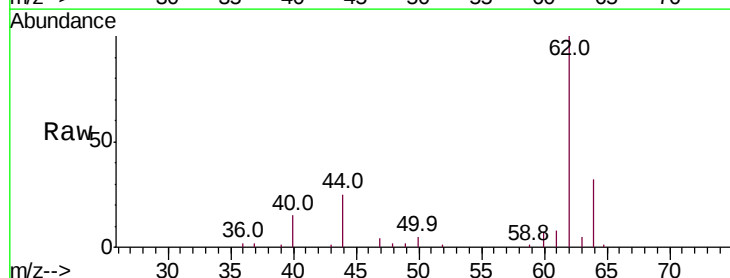
Acq: 16 Mar 2019 12:51

Tgt Ion: 62 Resp: 116580

Ion Ratio Lower Upper

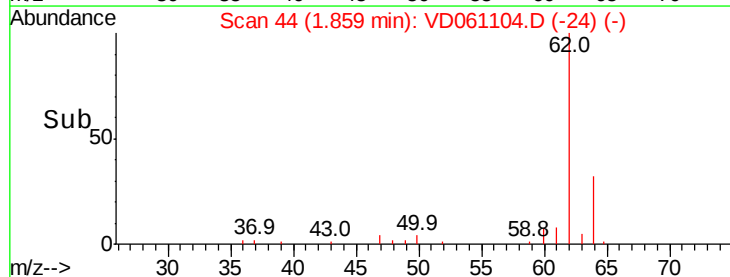
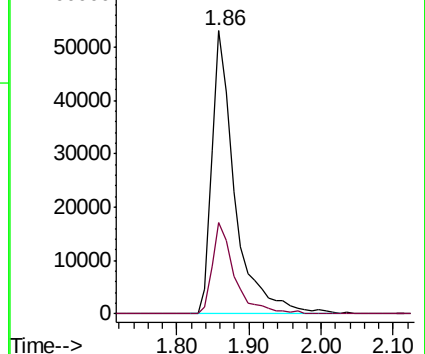
62 100

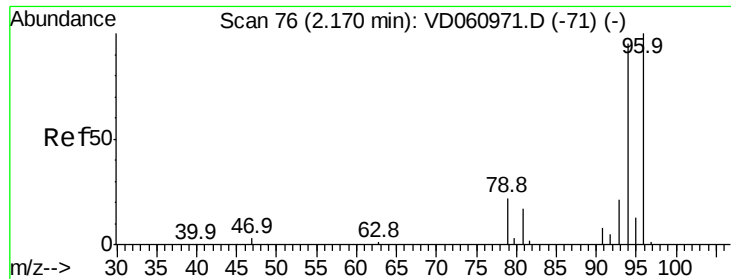
64 32.5 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 13.422 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

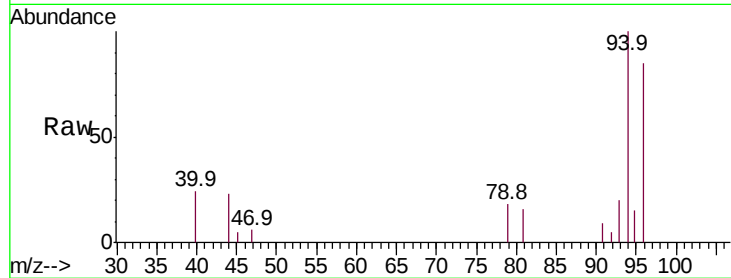
Tot Ion: 94 Resp: 15369

Ion Ratio Lower Upper

94 100

96 85.5 84.0 126.0

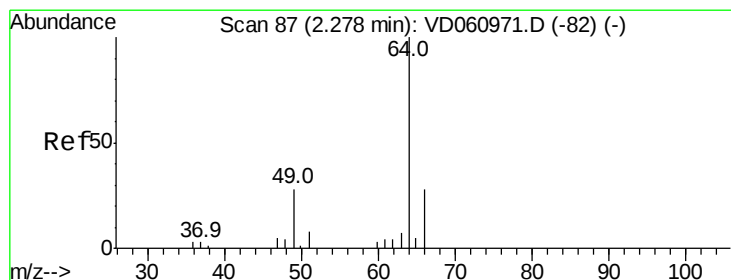
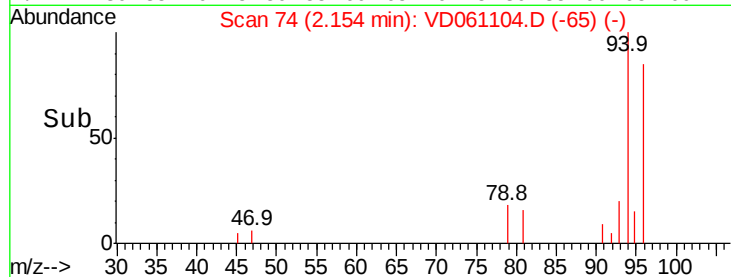
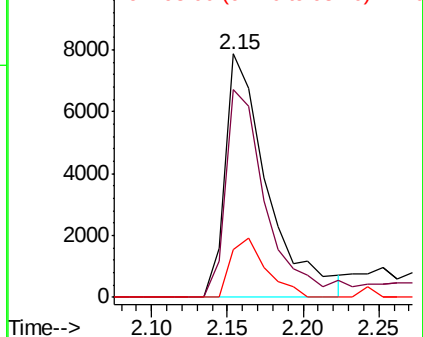
93 19.6 17.3 25.9



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 18.960 ug/l

RT: 2.27 min Scan# 86

Delta R.T. -0.01 min

Lab File: VD061104.D

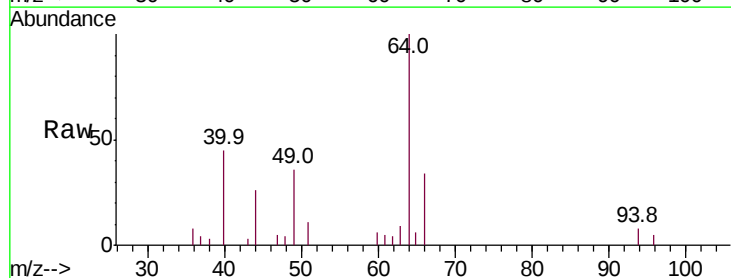
Acq: 16 Mar 2019 12:51

Tgt Ion: 64 Resp: 30965

Ion Ratio Lower Upper

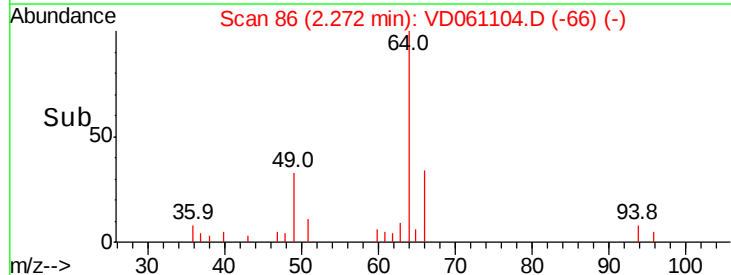
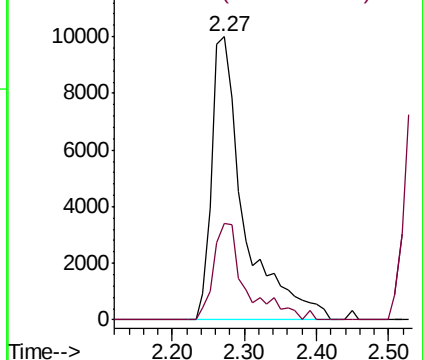
64 100

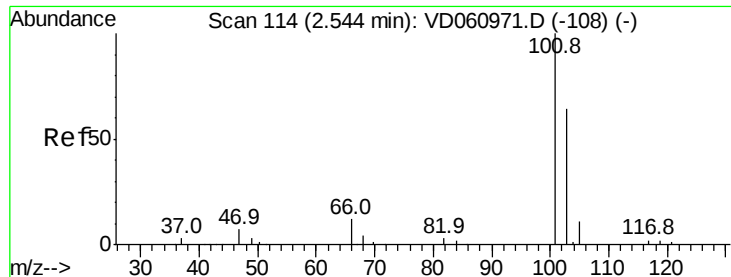
66 34.2 22.2 33.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

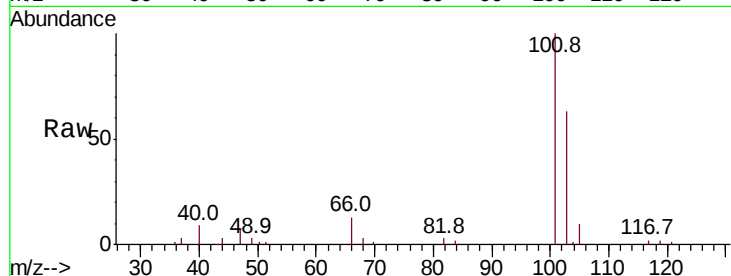




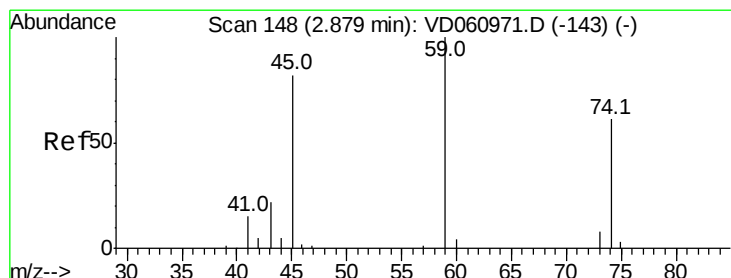
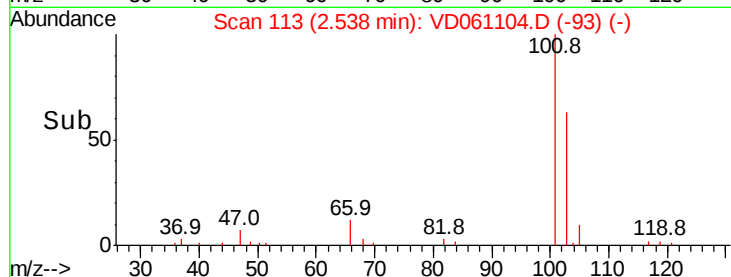
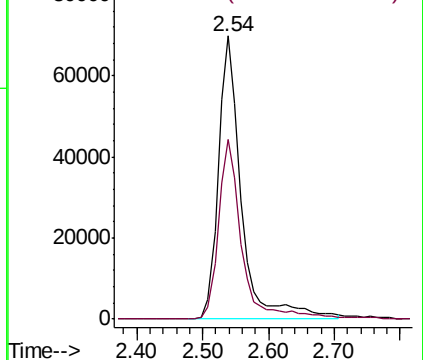
#7

Trichlorofluoromethane
 Concen: 21.629 ug/l
 RT: 2.54 min Scan# 113
 Delta R.T. -0.01 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.2	76.8



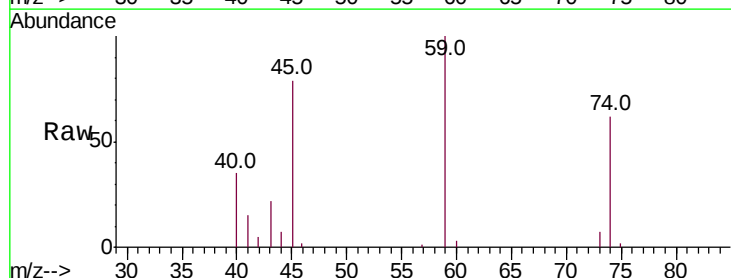
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



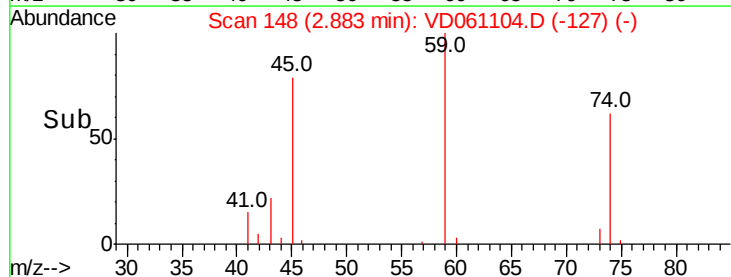
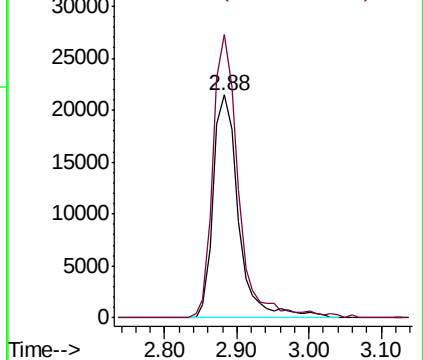
#8

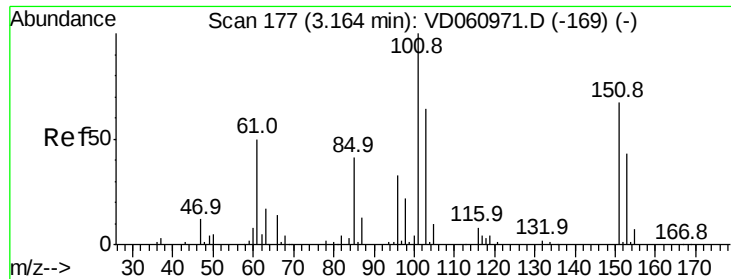
Diethyl Ether
 Concen: 20.179 ug/l
 RT: 2.88 min Scan# 148
 Delta R.T. 0.00 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	127.0	67.0	201.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.304 ug/l

RT: 3.16 min Scan# 176

Delta R.T. -0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

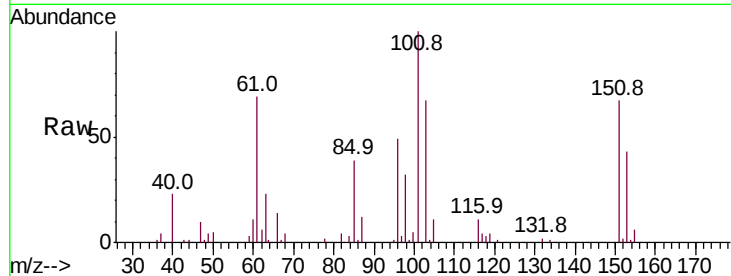
Tot Ion:101 Resp: 186686

Ion Ratio Lower Upper

101 100

85 38.9 32.5 48.7

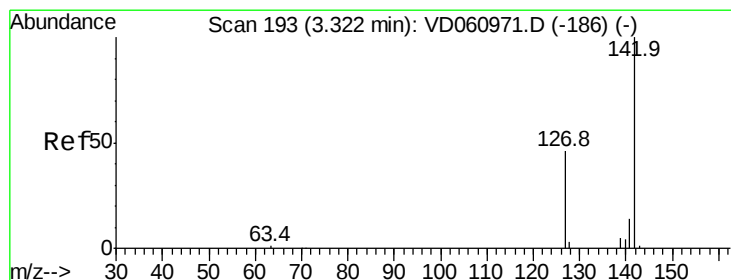
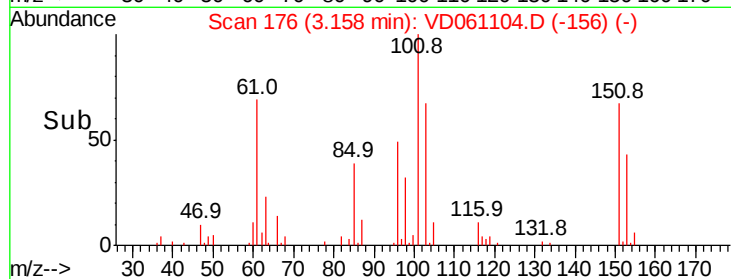
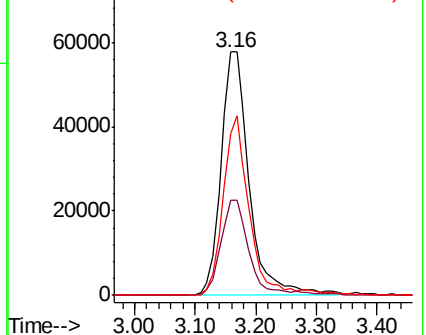
151 66.6 53.3 79.9



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: 19.079 ug/l

RT: 3.33 min Scan# 193

Delta R.T. 0.00 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

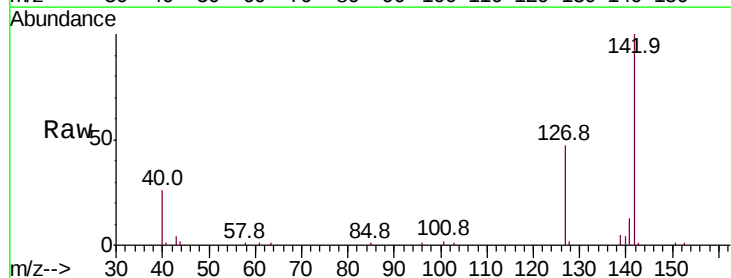
Tgt Ion:142 Resp: 206980

Ion Ratio Lower Upper

142 100

127 47.0 36.8 55.2

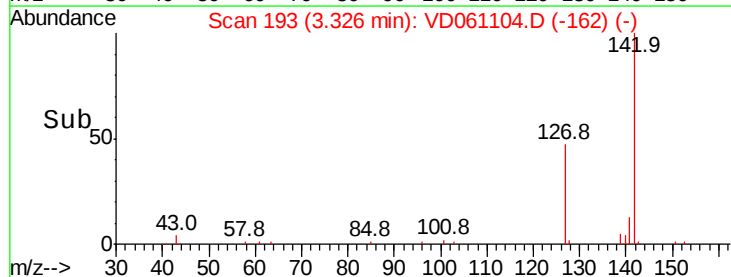
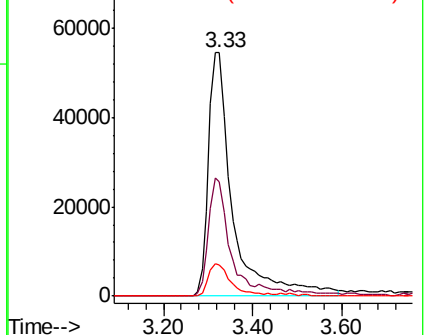
141 13.0 11.2 16.8

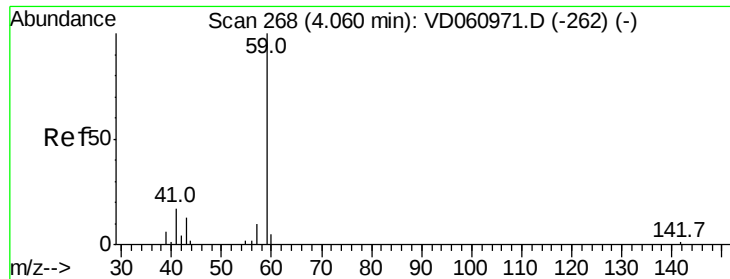


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 95.348 ug/l

RT: 4.08 min Scan# 270

Delta R.T. 0.02 min

Lab File: VD061104.D

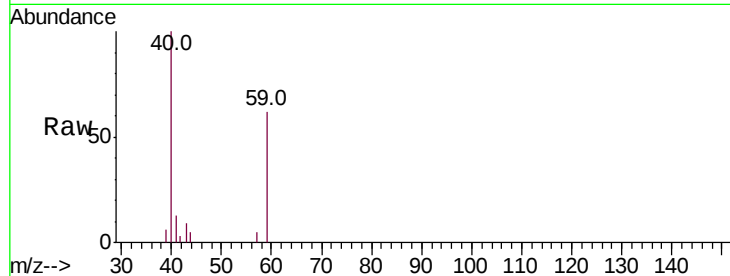
Acq: 16 Mar 2019 12:51

Tot Ion: 59 Resp: 36156

Ion Ratio Lower Upper

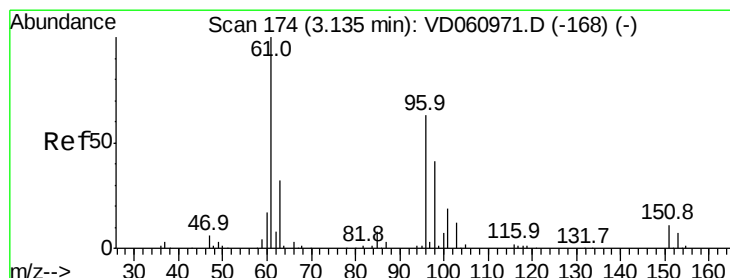
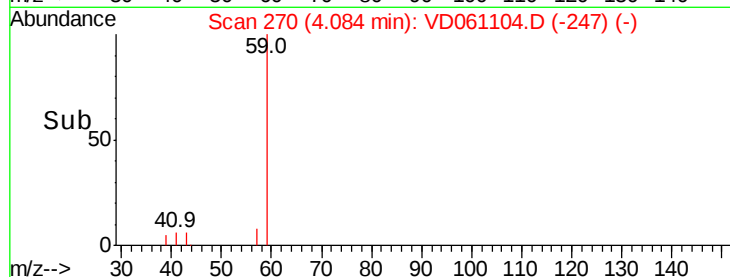
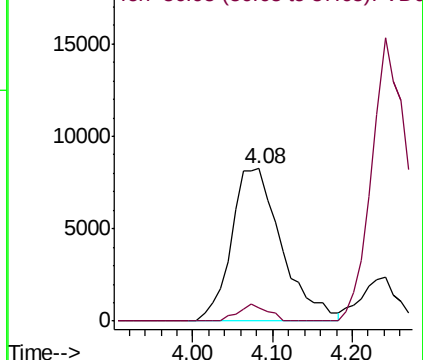
59 100

57 8.4 7.1 10.7



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 20.439 ug/l

RT: 3.14 min Scan# 174

Delta R.T. 0.00 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

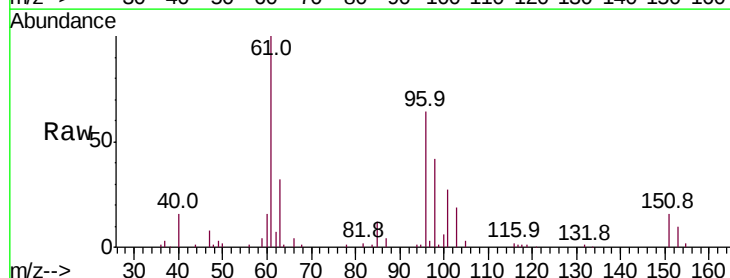
Tgt Ion: 96 Resp: 146817

Ion Ratio Lower Upper

96 100

61 156.6 127.1 190.7

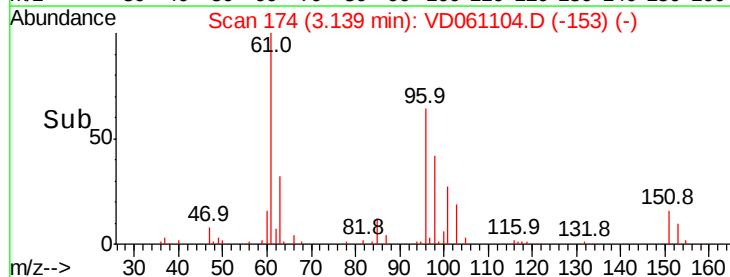
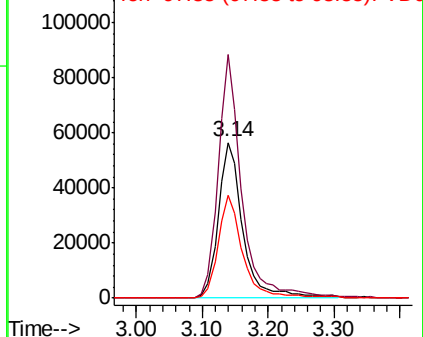
98 66.4 51.5 77.3

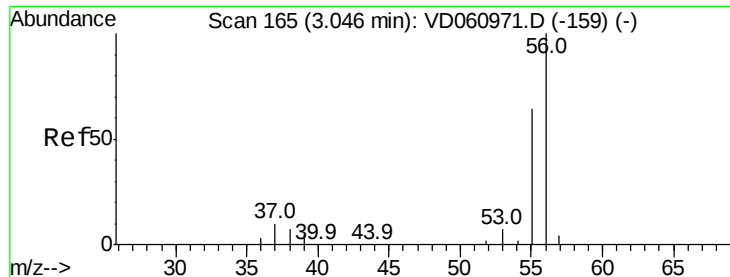


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 58.883 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.00 min

Lab File: VD061104.D

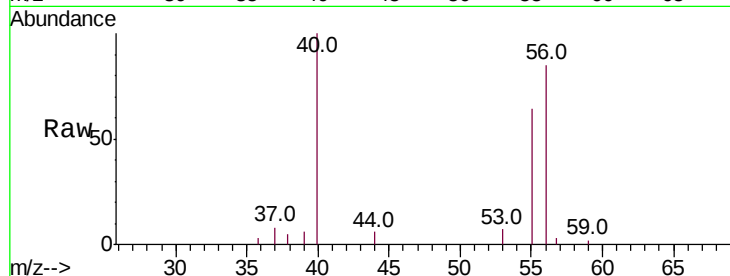
Acq: 16 Mar 2019 12:51

Tot Ion: 56 Resp: 32307

Ion Ratio Lower Upper

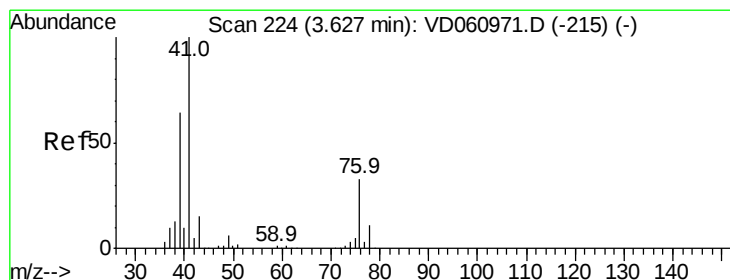
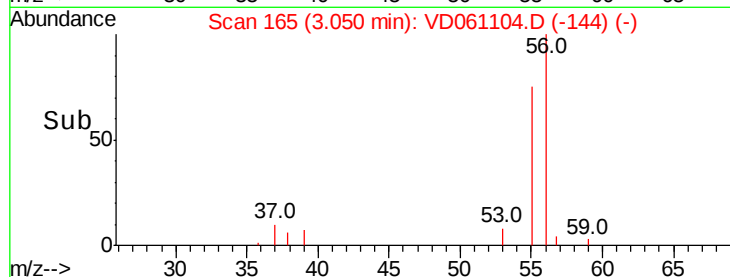
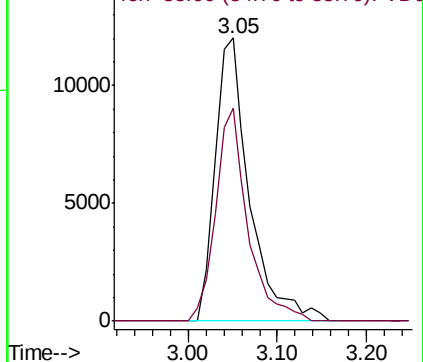
56 100

55 75.2 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.139 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

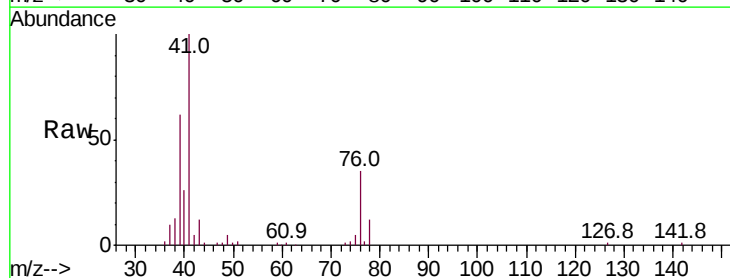
Tgt Ion: 41 Resp: 242949

Ion Ratio Lower Upper

41 100

39 62.2 51.1 76.7

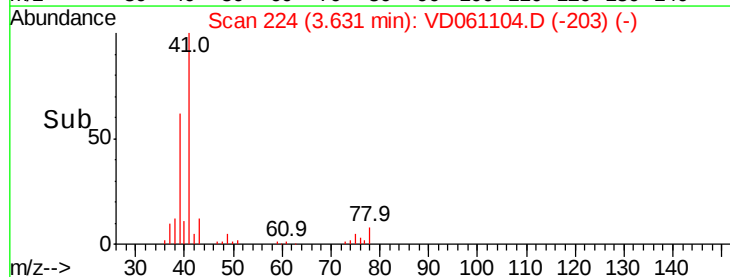
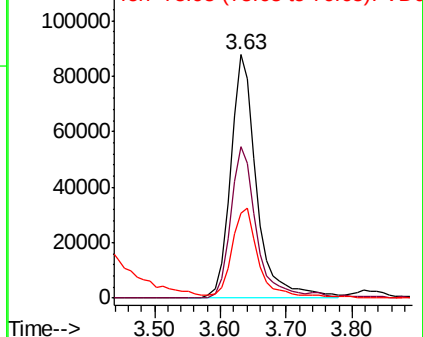
76 34.7 29.1 43.7

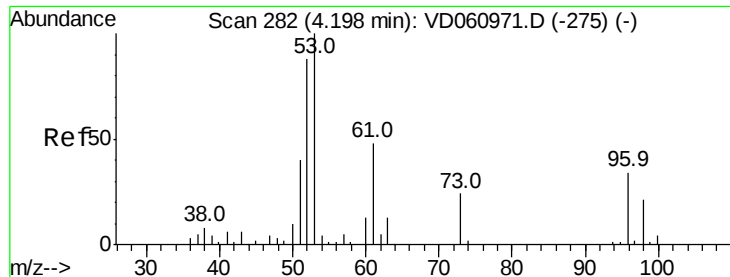


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 99.030 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

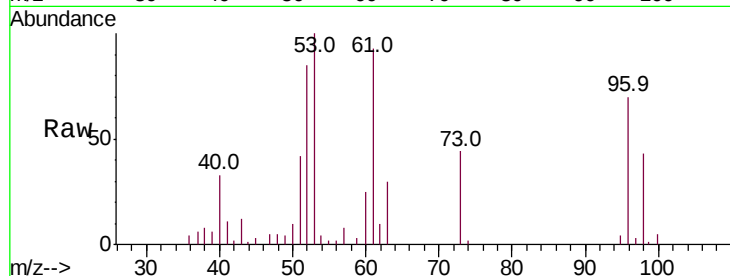
Tot Ion: 53 Resp: 132721

Ion Ratio Lower Upper

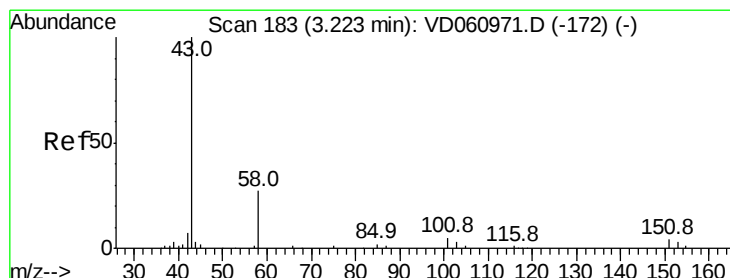
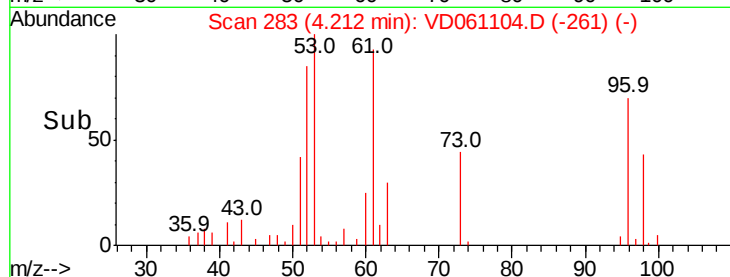
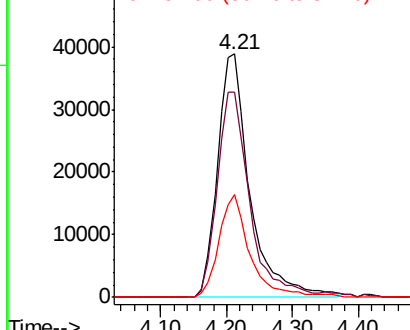
53 100

52 84.5 70.2 105.4

51 42.3 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: 102.761 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061104.D

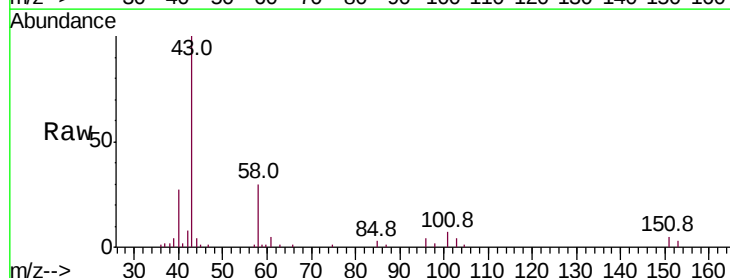
Acq: 16 Mar 2019 12:51

Tgt Ion: 43 Resp: 175033

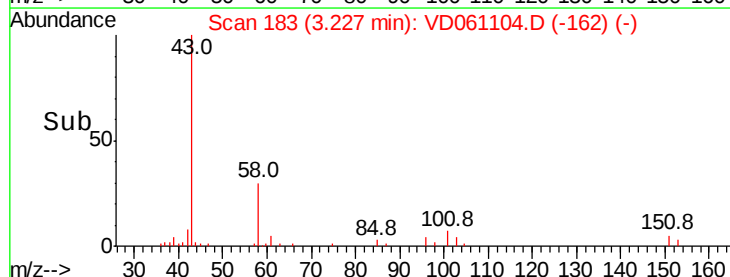
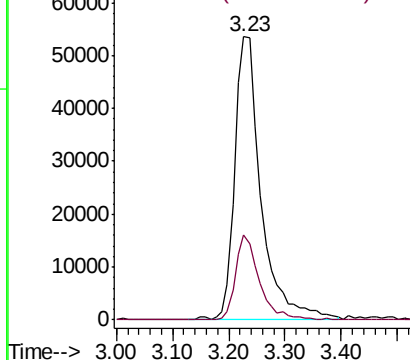
Ion Ratio Lower Upper

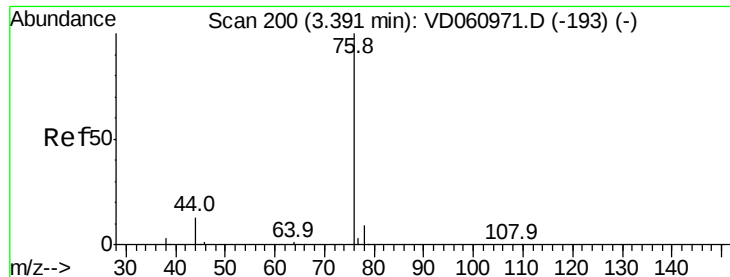
43 100

58 30.0 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: 18.681 ug/l

RT: 3.38 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061104.D

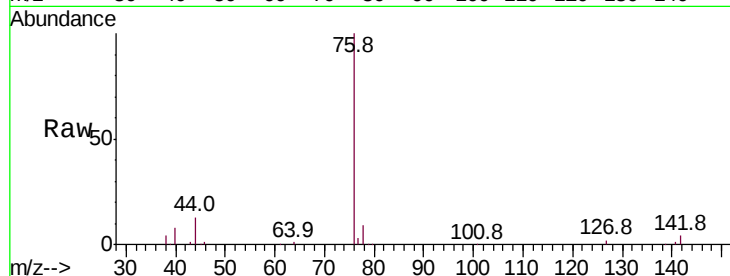
Acq: 16 Mar 2019 12:51

Tot Ion: 76 Resp: 452663

Ion Ratio Lower Upper

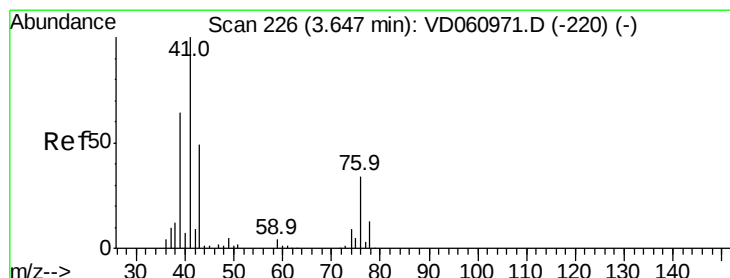
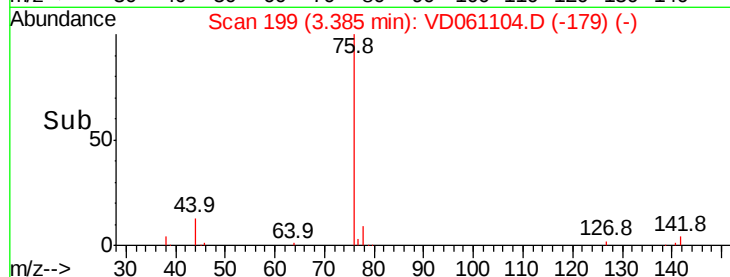
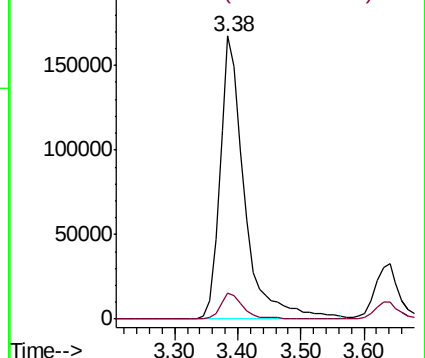
76 100

78 9.1 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 19.504 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.00 min

Lab File: VD061104.D

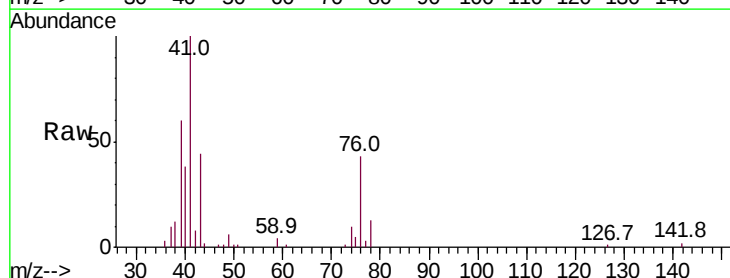
Acq: 16 Mar 2019 12:51

Tgt Ion: 43 Resp: 65378

Ion Ratio Lower Upper

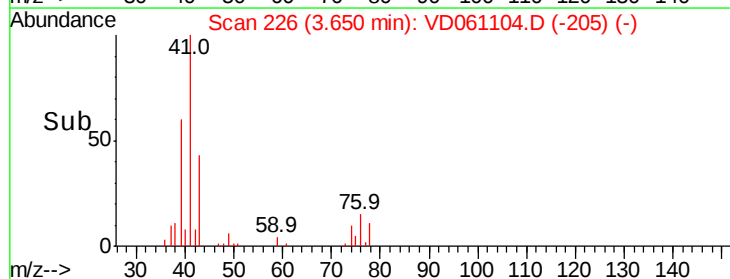
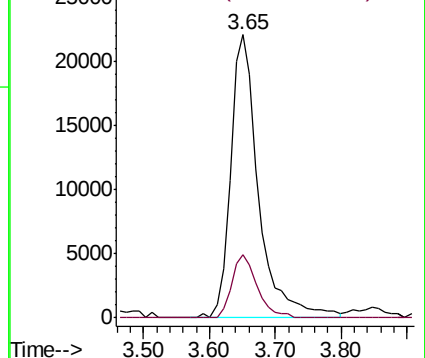
43 100

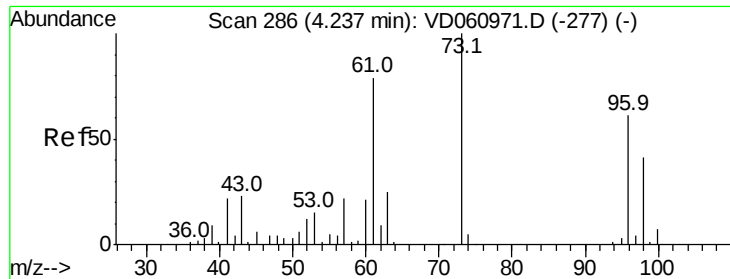
74 22.1 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

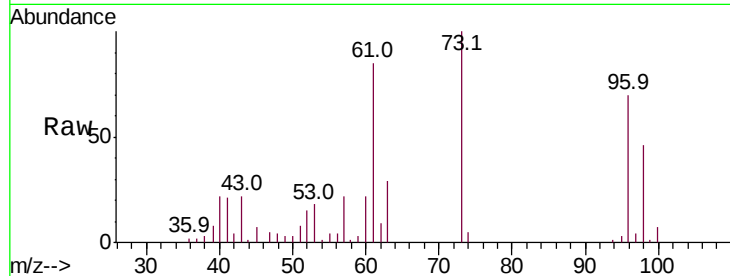




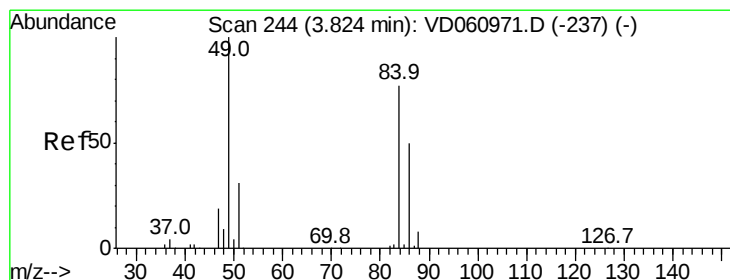
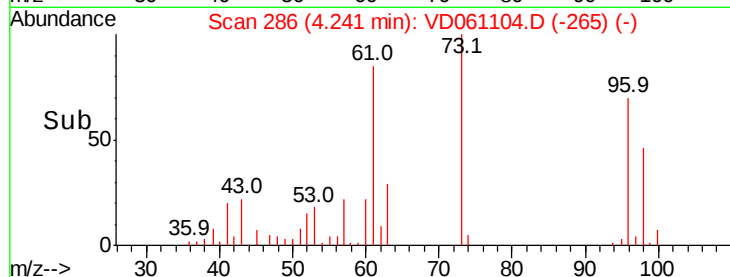
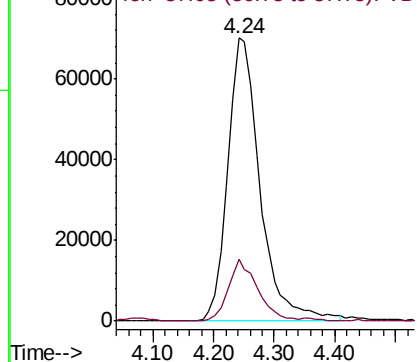
#19

Methyl tert-butyl Ether
 Concen: 20.634 ug/l
 RT: 4.24 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

Tot Ion: 73 Resp: 259752
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.7 26.5



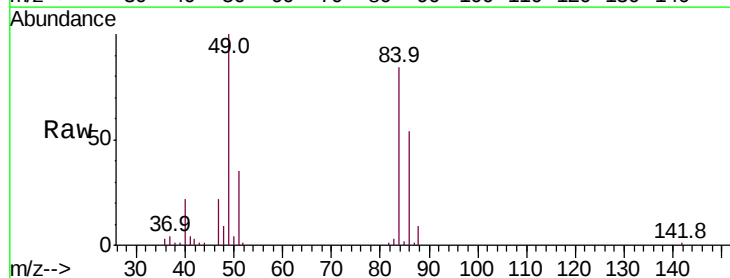
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



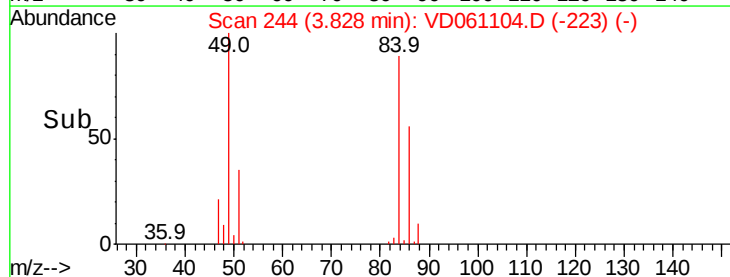
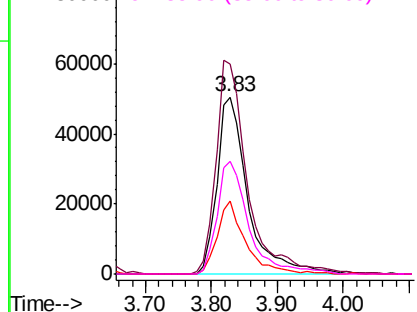
#20

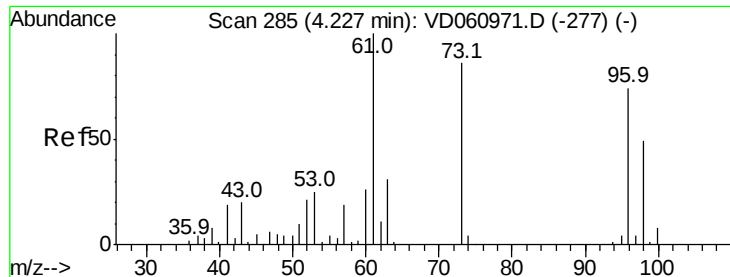
Methylene Chloride
 Concen: 18.129 ug/l
 RT: 3.83 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

Tgt Ion: 84 Resp: 163886
 Ion Ratio Lower Upper
 84 100
 49 118.8 104.2 156.2
 51 41.5 32.3 48.5
 86 63.7 52.3 78.5



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





#21

trans-1,2-Dichloroethene

Concen: 20.849 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.00 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

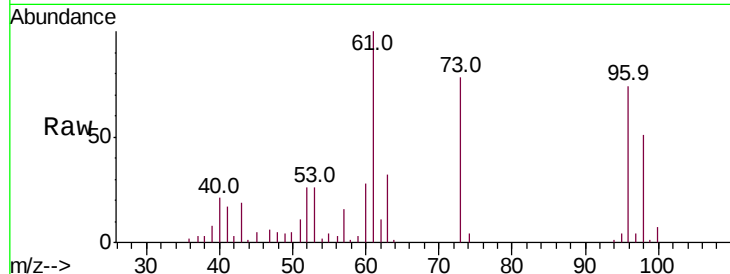
Tot Ion: 96 Resp: 162092

Ion Ratio Lower Upper

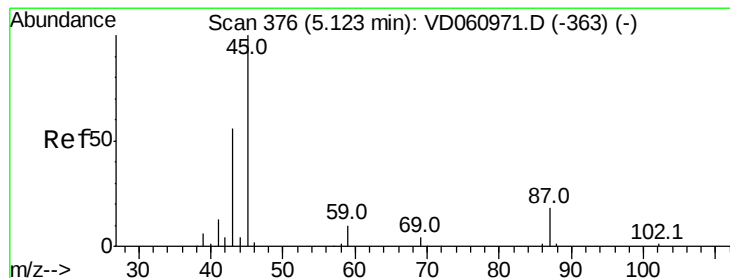
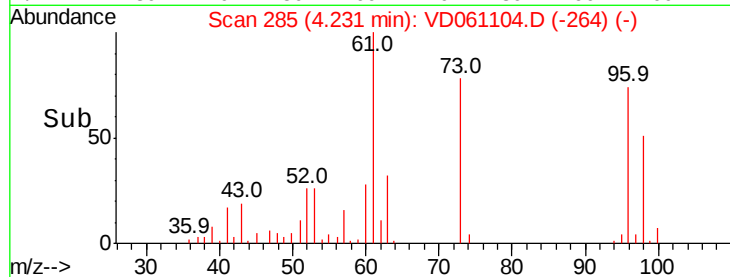
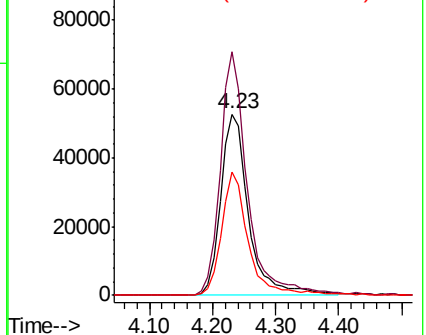
96 100

61 134.4 108.4 162.6

98 68.4 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: 19.839 ug/l

RT: 5.14 min Scan# 377

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

Tgt Ion: 45 Resp: 473313

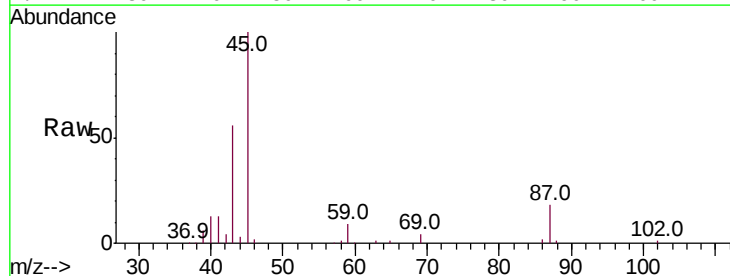
Ion Ratio Lower Upper

45 100

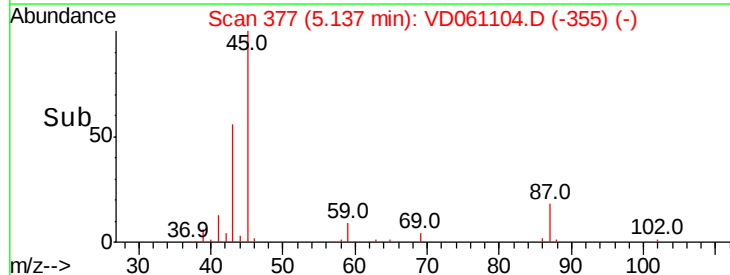
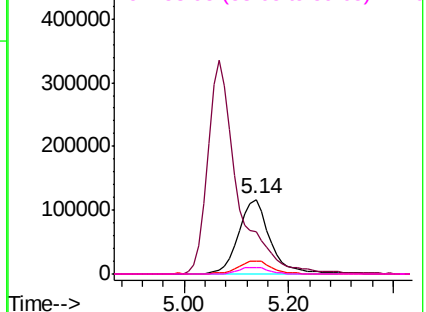
43 56.1 45.8 68.8

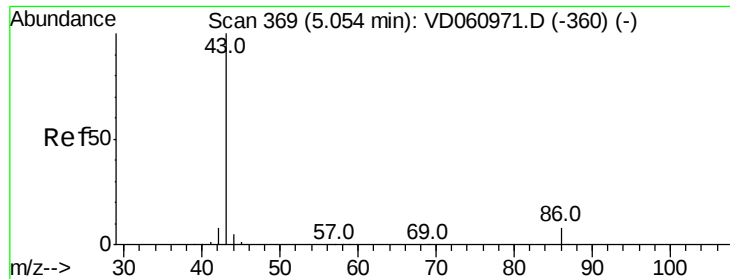
87 17.7 14.9 22.3

59 9.0 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: 106.316 ug/l

RT: 5.07 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD061104.D

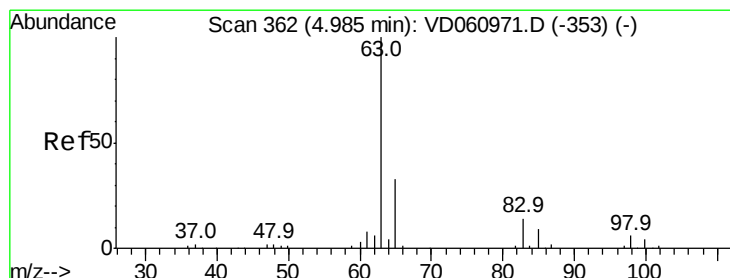
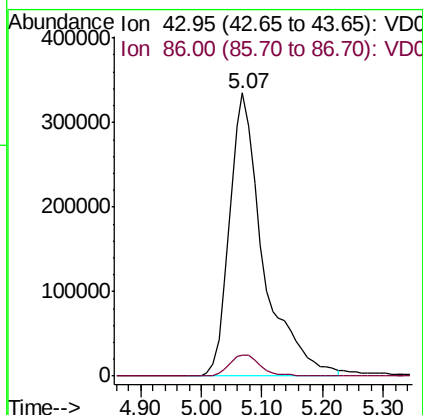
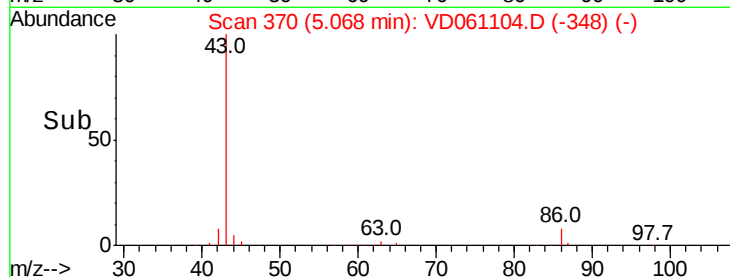
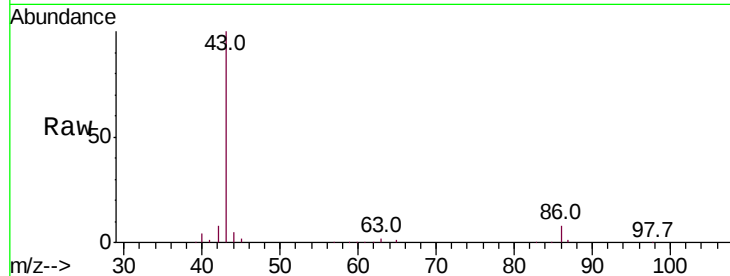
Acq: 16 Mar 2019 12:51

Tot Ion: 43 Resp: 1302095

Ion Ratio Lower Upper

43 100

86 7.6 6.2 9.2



#24

1,1-Dichloroethane

Concen: 20.068 ug/l

RT: 5.00 min Scan# 363

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

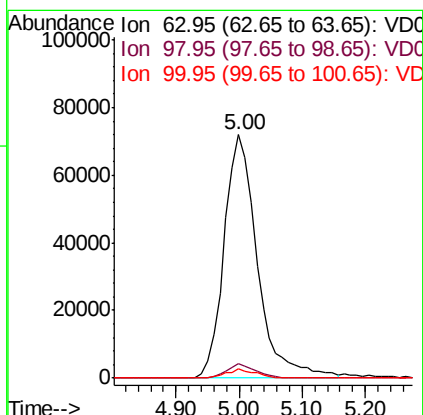
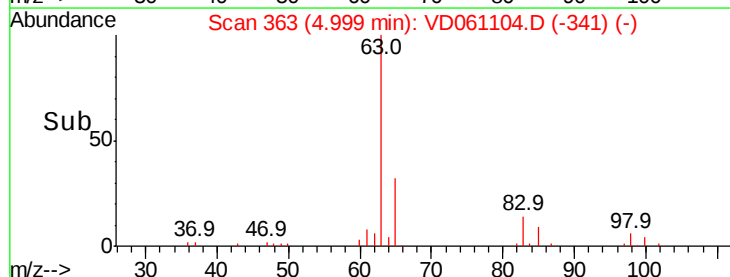
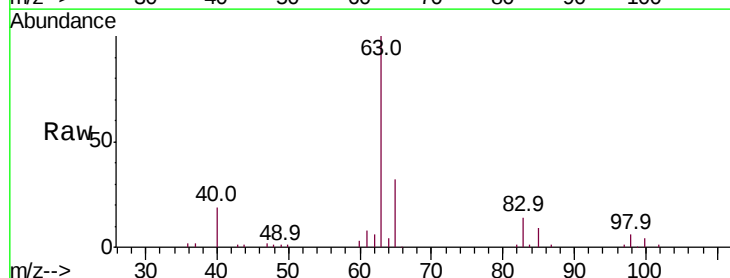
Tgt Ion: 63 Resp: 262326

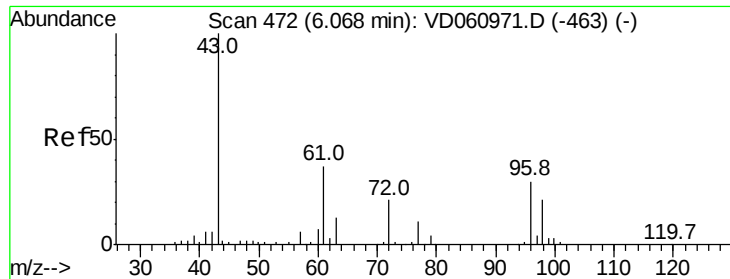
Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 103.108 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.01 min

Lab File: VD061104.D

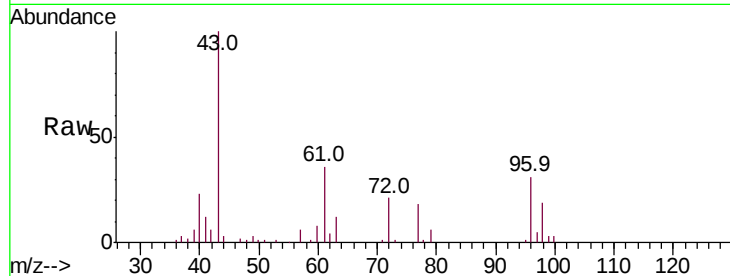
Acq: 16 Mar 2019 12:51

Tot Ion: 43 Resp: 199285

Ion Ratio Lower Upper

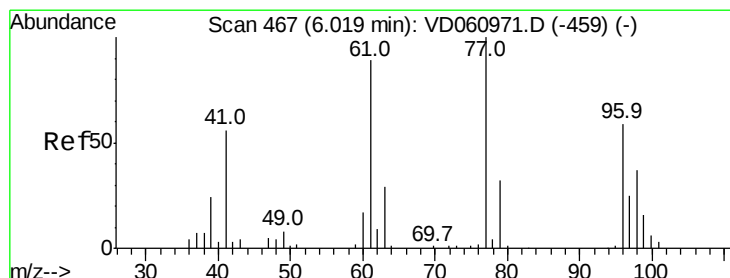
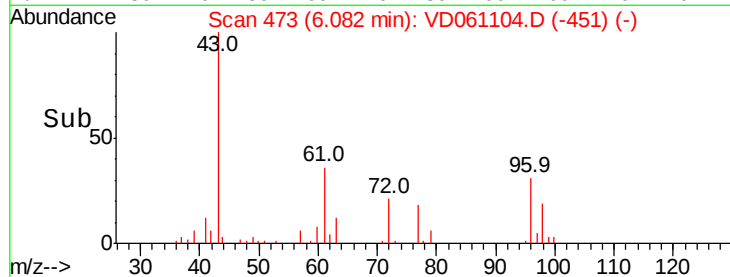
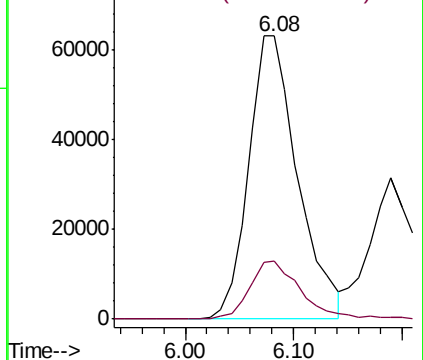
43 100

72 20.7 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.494 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD061104.D

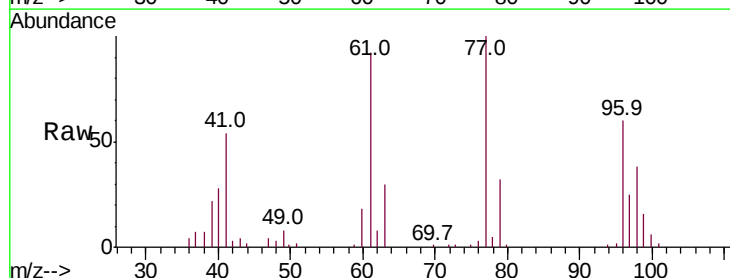
Acq: 16 Mar 2019 12:51

Tgt Ion: 77 Resp: 209131

Ion Ratio Lower Upper

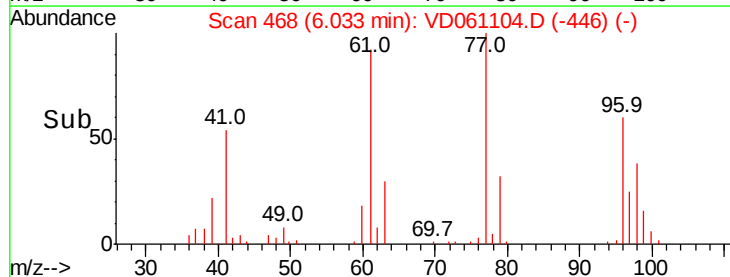
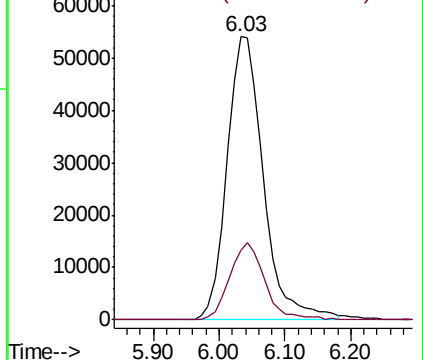
77 100

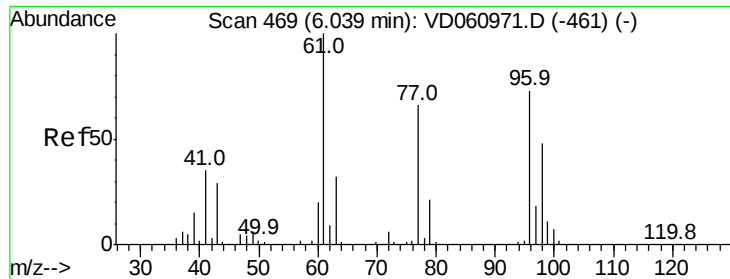
97 24.6 12.6 37.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

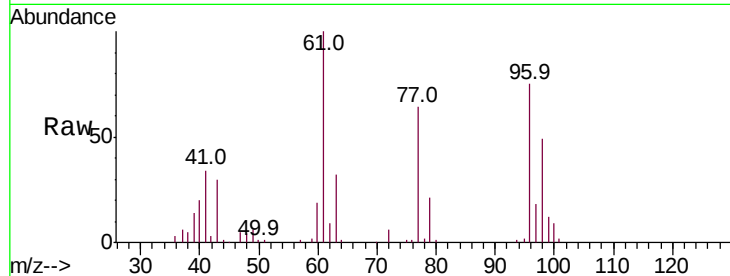




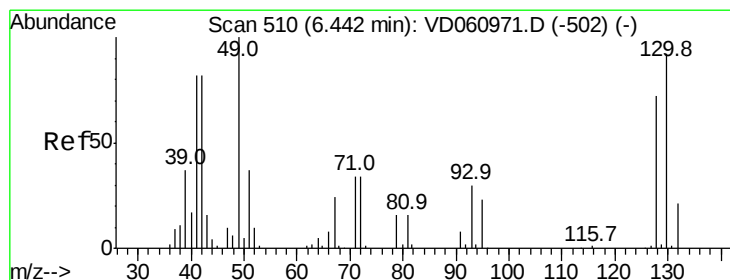
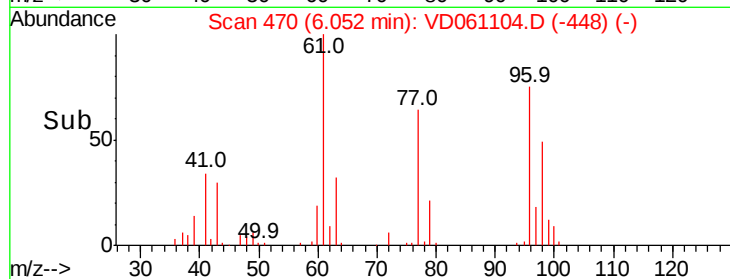
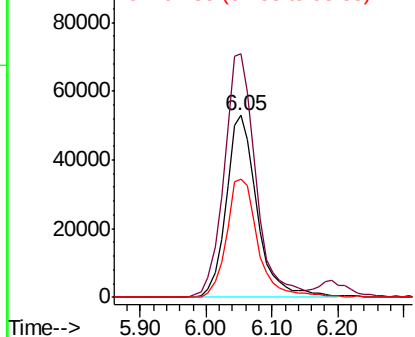
#27

cis-1,2-Dichloroethene
Concen: 21.108 ug/l
RT: 6.05 min Scan# 470
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	273.6
98	65.3	0.0	132.6



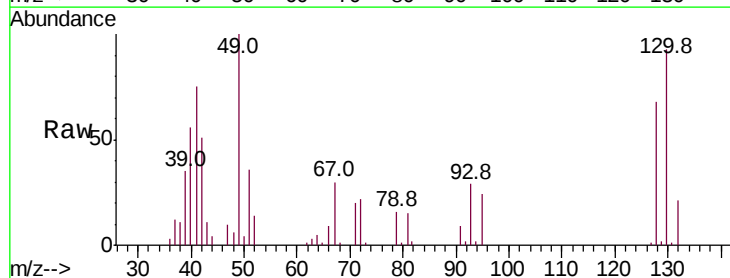
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



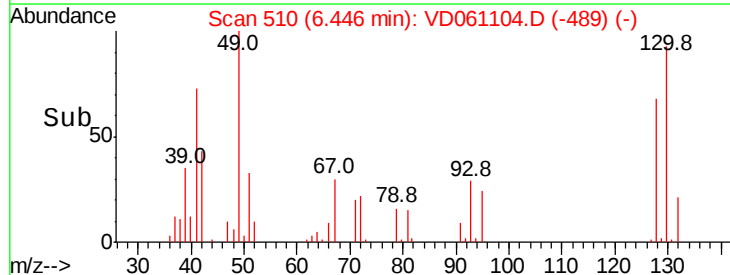
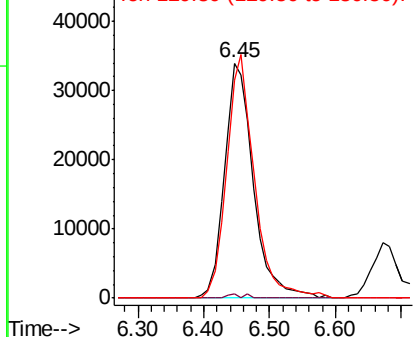
#28

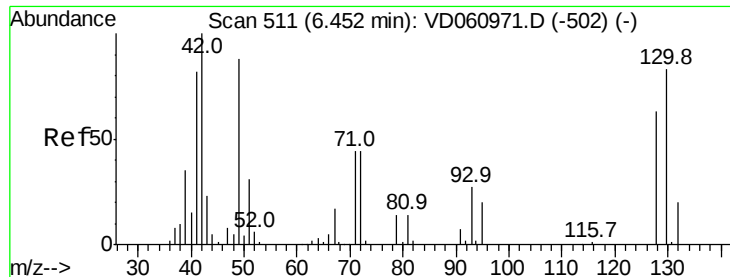
Bromochloromethane
Concen: 18.830 ug/l
RT: 6.45 min Scan# 510
Delta R.T. 0.00 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	92.7	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: 99.756 ug/l

RT: 6.47 min Scan# 512

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

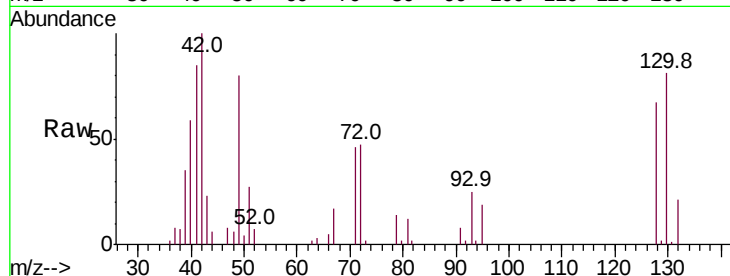
Tot Ion: 42 Resp: 104693

Ion Ratio Lower Upper

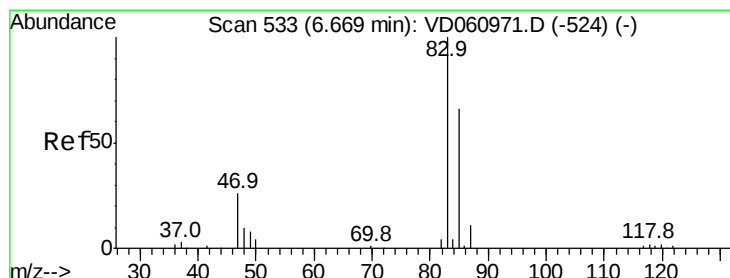
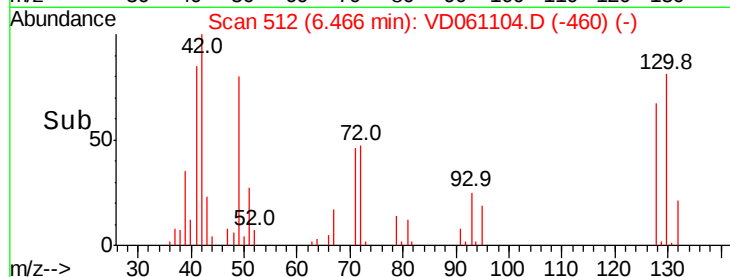
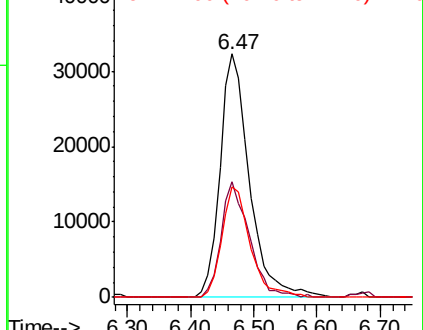
42 100

72 45.3 34.5 51.7

71 43.6 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: 20.354 ug/l

RT: 6.67 min Scan# 533

Delta R.T. 0.00 min

Lab File: VD061104.D

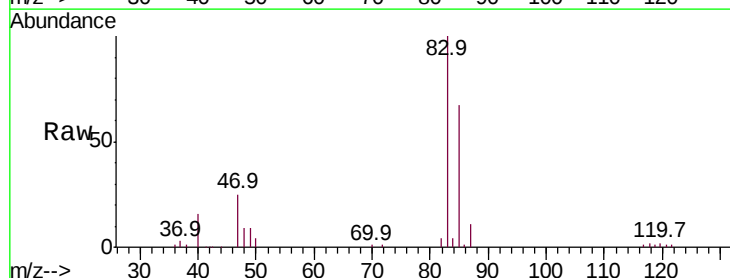
Acq: 16 Mar 2019 12:51

Tgt Ion: 83 Resp: 275753

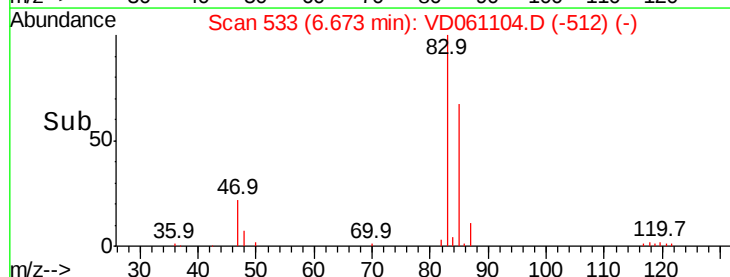
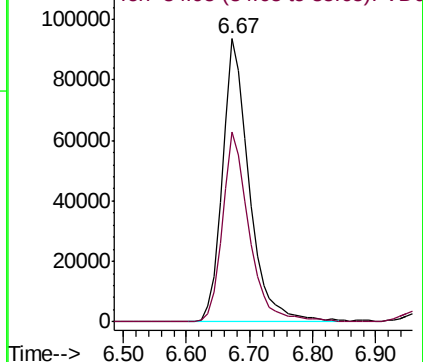
Ion Ratio Lower Upper

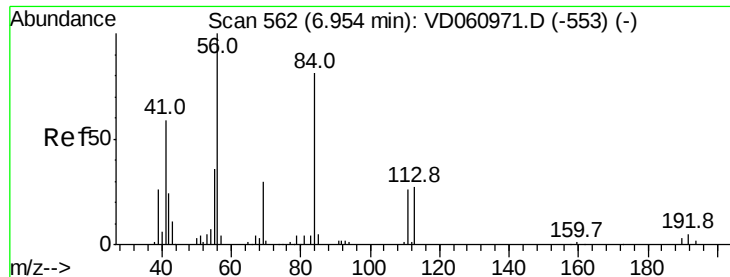
83 100

85 67.3 53.0 79.4



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





#31

Cyclohexane

Concen: 21.493 ug/l

RT: 6.97 min Scan# 563

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

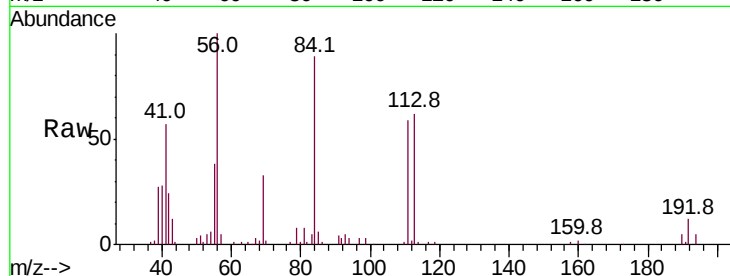
Tot Ion: 56 Resp: 226543

Ion Ratio Lower Upper

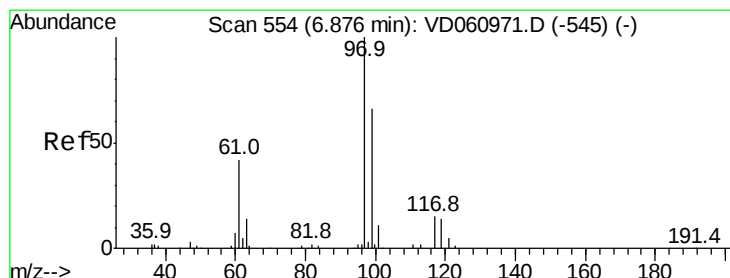
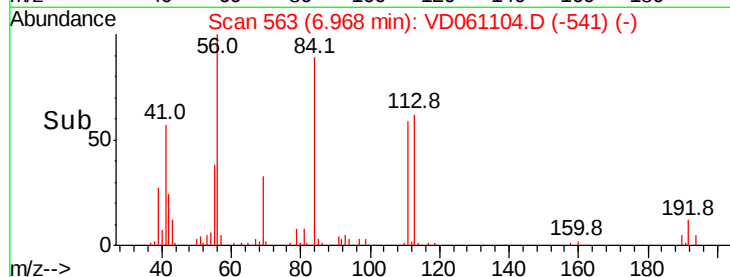
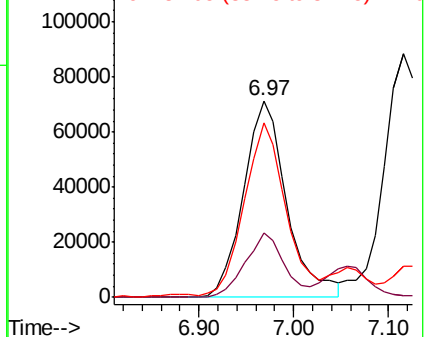
56 100

69 32.6 24.0 36.0

84 88.7 65.8 98.6



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 20.902 ug/l

RT: 6.88 min Scan# 554

Delta R.T. 0.00 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

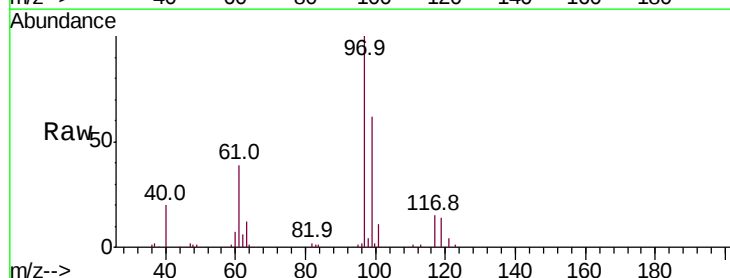
Tgt Ion: 97 Resp: 244823

Ion Ratio Lower Upper

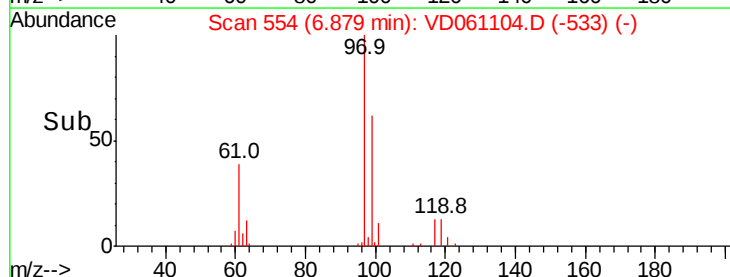
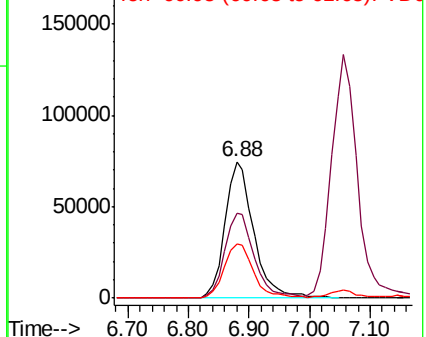
97 100

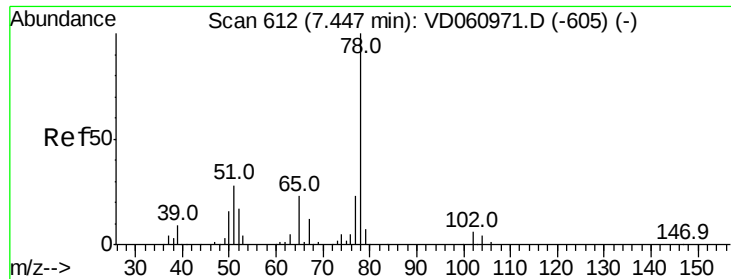
99 61.8 53.2 79.8

61 39.5 33.8 50.8



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 20.902 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061104.D

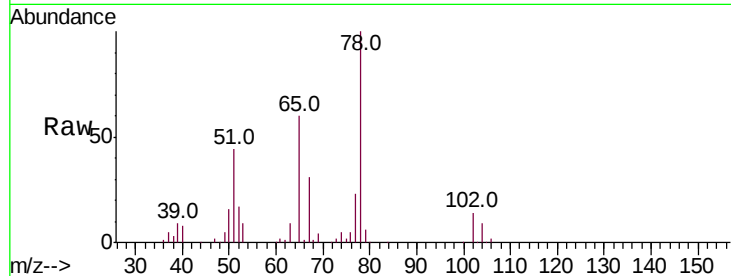
Acq: 16 Mar 2019 12:51

Tot Ion: 65 Resp: 277279

Ion Ratio Lower Upper

65 100

67 51.4 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

120000

100000

80000

60000

40000

20000

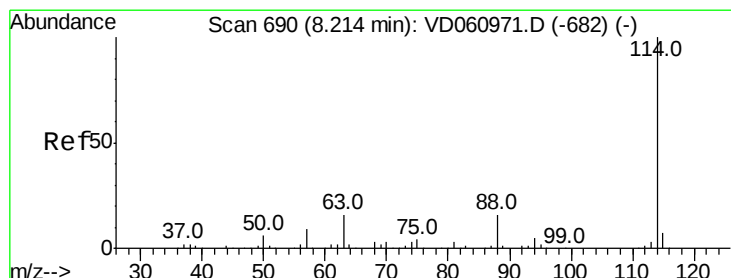
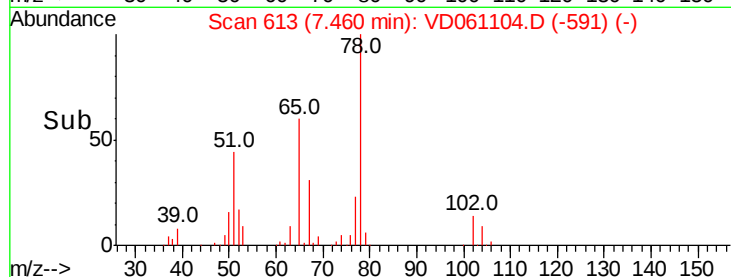
0

7.40

7.50

7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

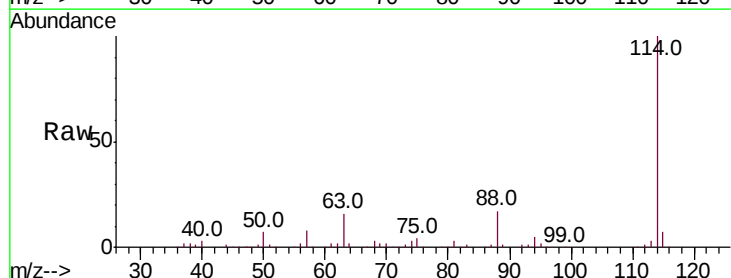
Tgt Ion: 114 Resp: 1300236

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.4

88 16.5 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

600000

400000

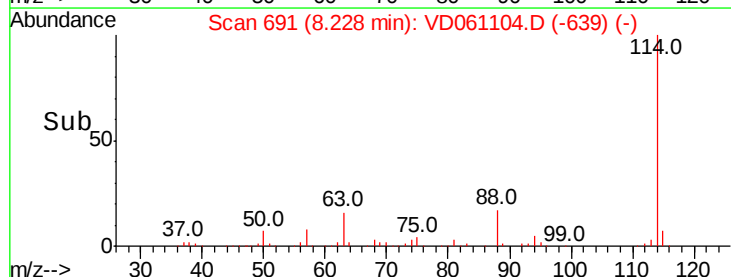
200000

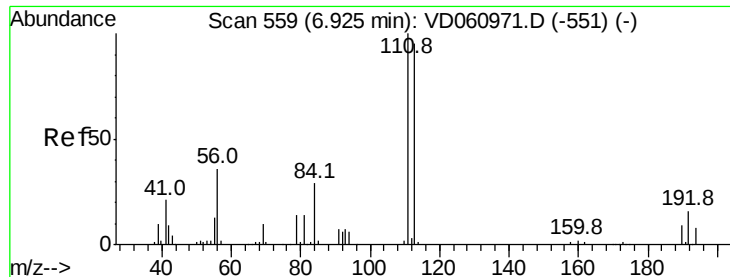
0

8.20

8.40

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

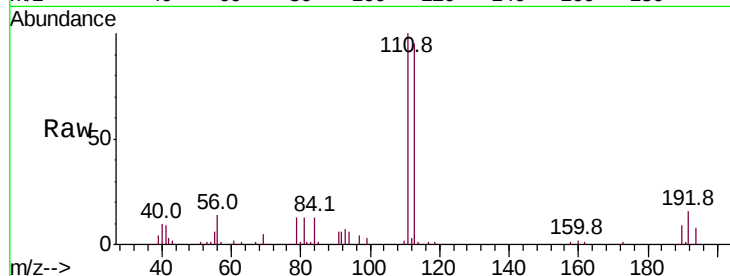
Tot Ion:113 Resp: 453717

Ion	Ratio	Lower	Upper
113	100		
111	105.2	84.2	126.4
192	16.7	13.1	19.7

113 100

111 105.2 84.2 126.4

192 16.7 13.1 19.7

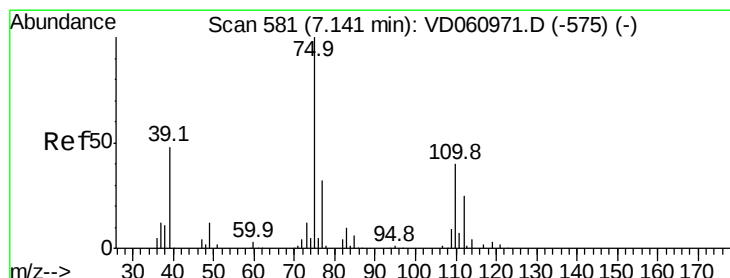
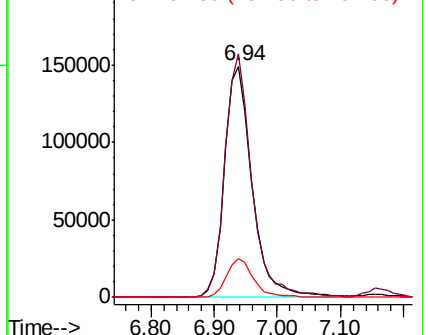
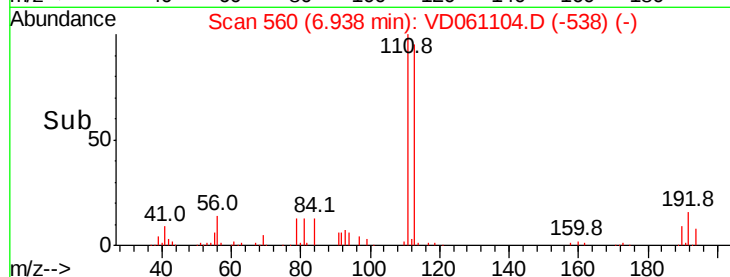


Abundance

Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 18.483 ug/l

RT: 7.16 min Scan# 582

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

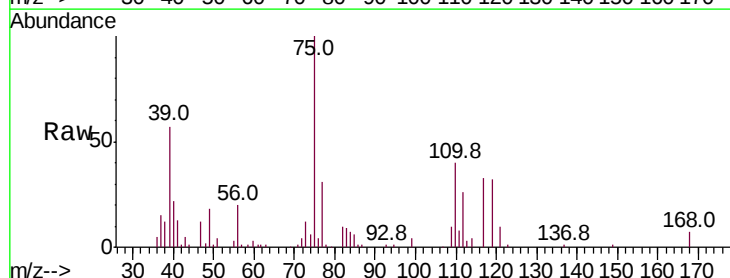
Tgt Ion: 75 Resp: 207158

Ion	Ratio	Lower	Upper
75	100		
110	39.7	19.7	59.1
77	30.6	24.7	37.1

75 100

110 39.7 19.7 59.1

77 30.6 24.7 37.1

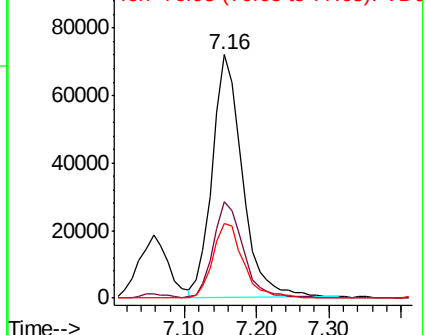
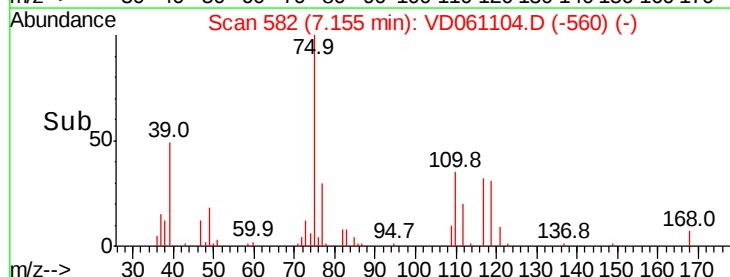


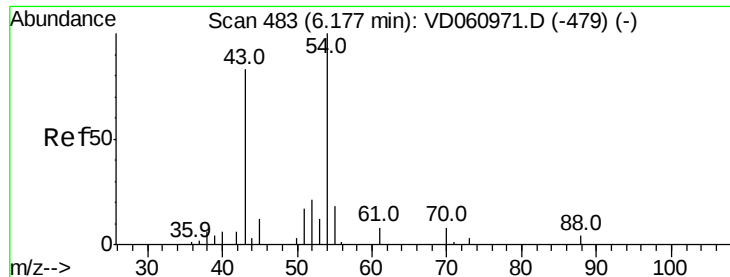
Abundance

Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 18.744 ug/l

RT: 6.19 min Scan# 484

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

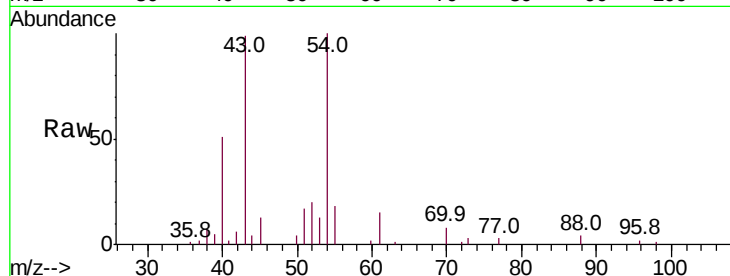
Tot Ion: 43 Resp: 98583

Ion Ratio Lower Upper

43 100

61 15.3 13.7 20.5

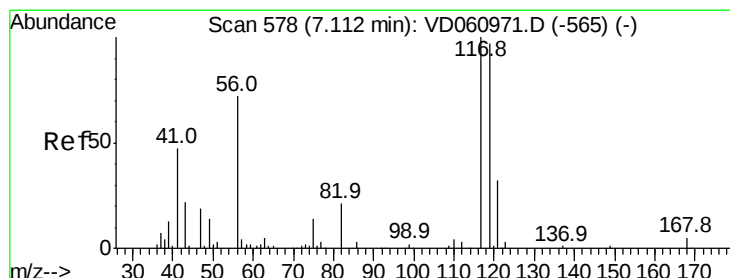
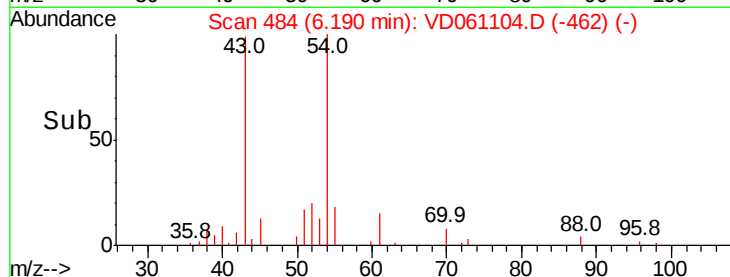
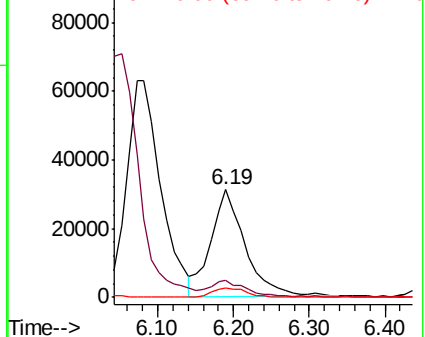
70 8.3 7.1 10.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 17.903 ug/l

RT: 7.13 min Scan# 579

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

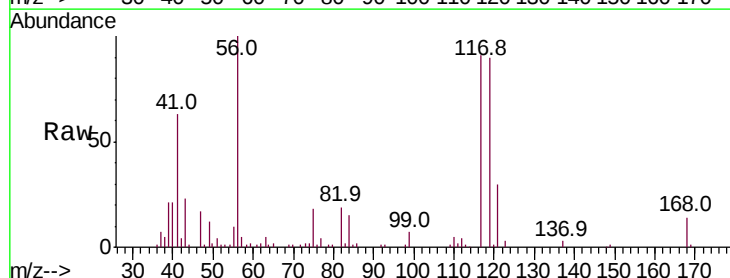
Tgt Ion: 117 Resp: 221028

Ion Ratio Lower Upper

117 100

119 98.6 77.8 116.8

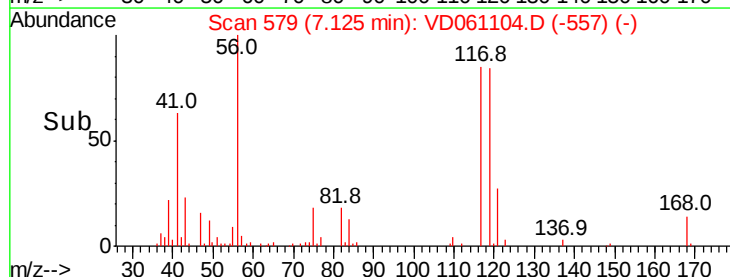
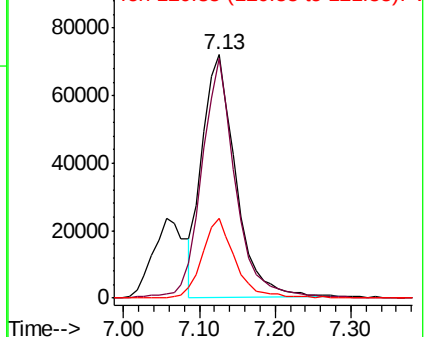
121 32.5 25.3 37.9

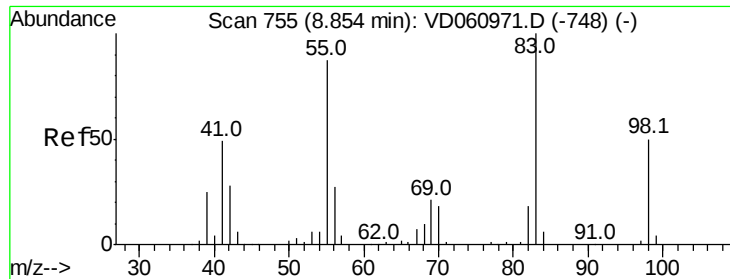


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

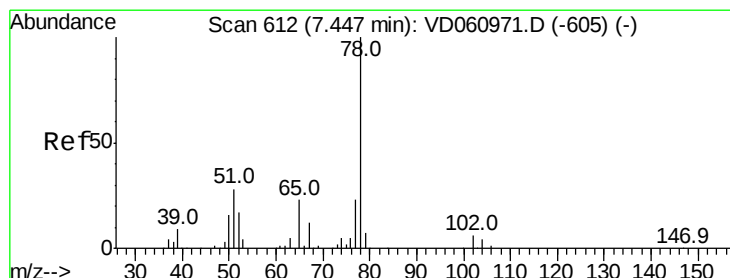
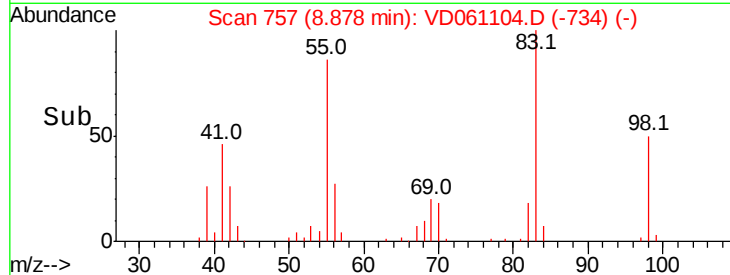
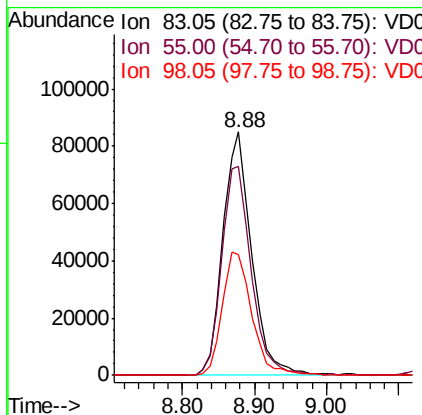
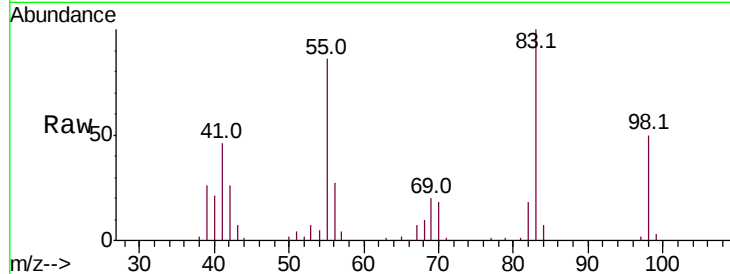
Ion 120.85 (120.55 to 121.55): V





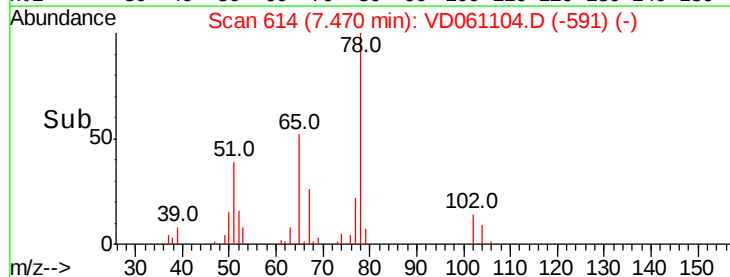
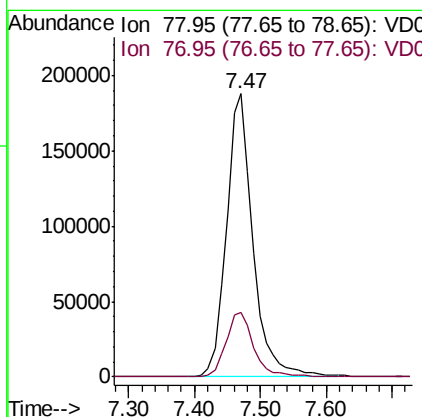
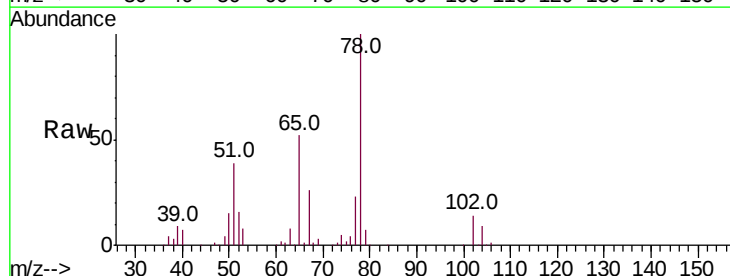
#39
Methvlcvclohexane
Concen: 20.234 ug/l
RT: 8.88 min Scan# 757
Delta R.T. 0.02 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

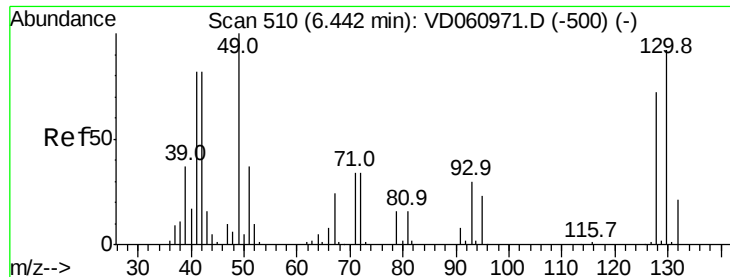
Tot Ion: 83 Resp: 235150
Ion Ratio Lower Upper
83 100
55 85.9 69.6 104.4
98 49.8 40.0 60.0



#40
Benzene
Concen: 18.795 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tgt Ion: 78 Resp: 526379
Ion Ratio Lower Upper
78 100
77 22.8 18.8 28.2





#41

Methacrylonitrile

Concen: 18.278 ug/l m

RT: 6.46 min Scan# 511

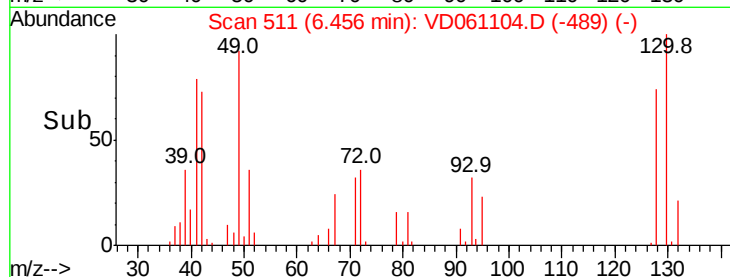
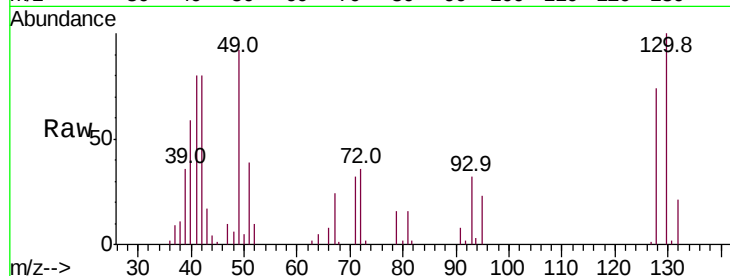
Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

Tot Ion: 41 Resp: 110572

Ion	Ratio	Lower	Upper
41	100		
39	44.8	35.7	53.5
67	30.0	23.0	34.6
52	12.4	9.2	13.8



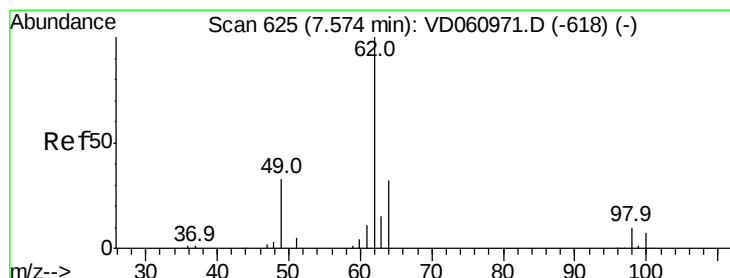
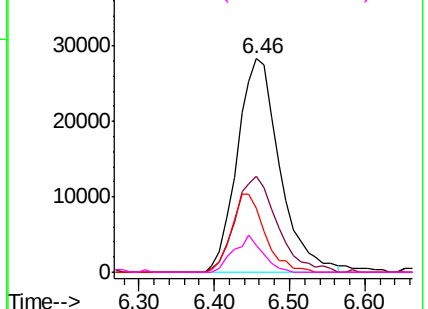
Abundance

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: 19.110 ug/l

RT: 7.59 min Scan# 626

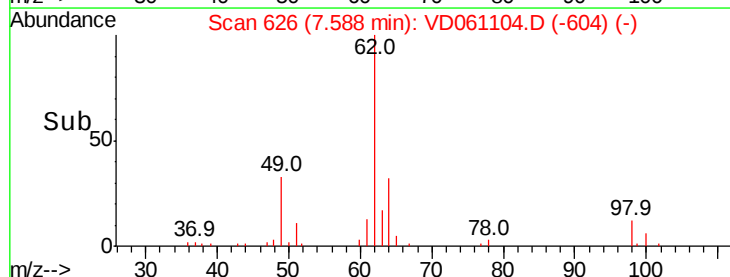
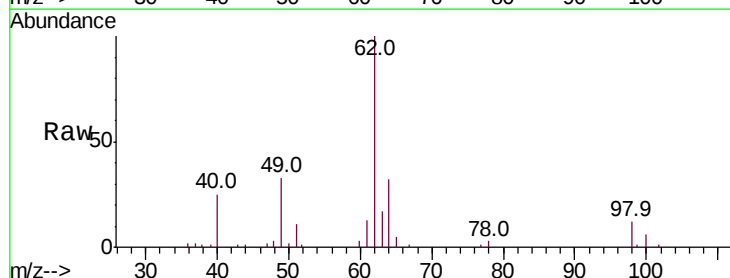
Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

Tgt Ion: 62 Resp: 155309

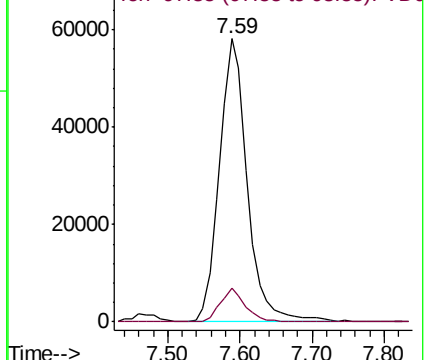
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	20.4

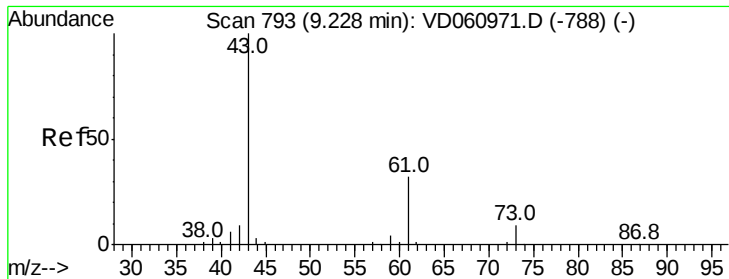


Abundance

Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

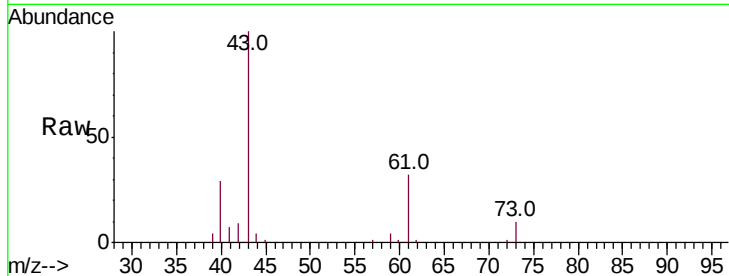




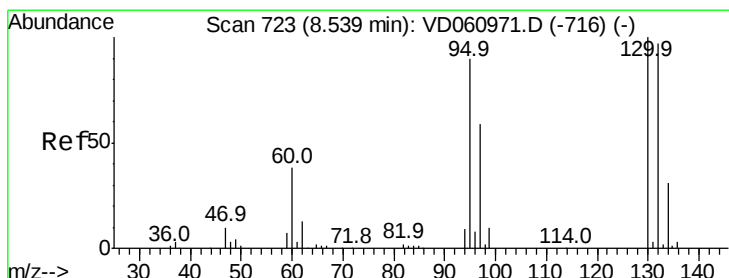
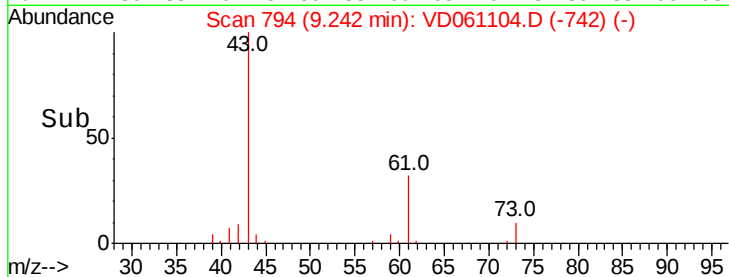
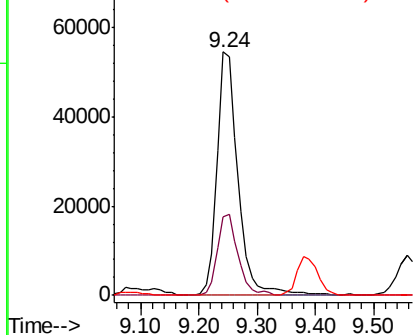
#43

Isopropyl Acetate
 Concen: 18.785 ug/l
 RT: 9.24 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

Tot Ion: 43 Resp: 136840
 Ion Ratio Lower Upper
 43 100
 61 32.5 25.6 38.4
 87 0.0 0.2 0.4#



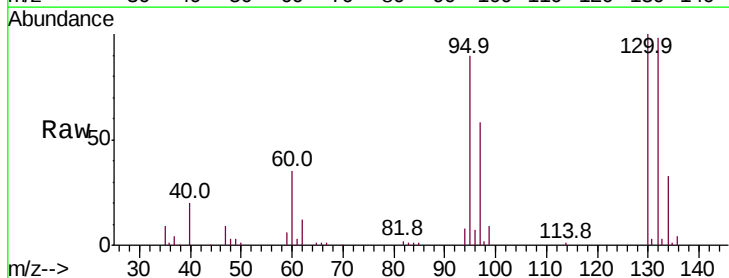
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



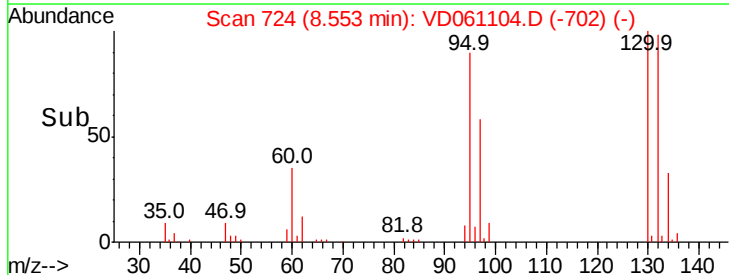
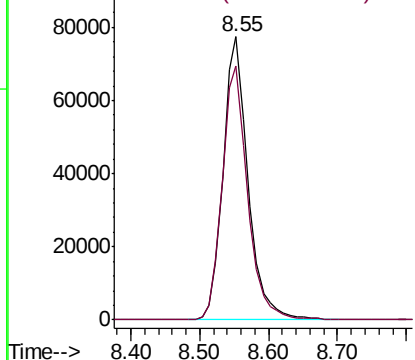
#44

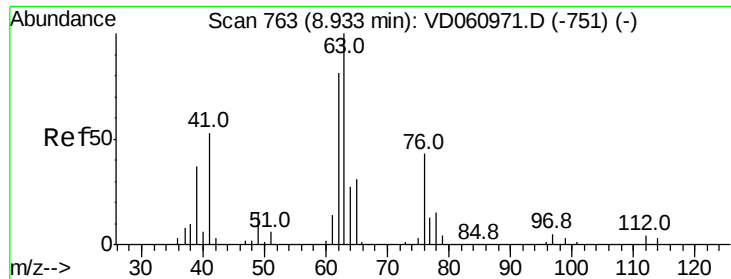
Trichloroethene
 Concen: 20.018 ug/l
 RT: 8.55 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

Tgt Ion: 130 Resp: 193406
 Ion Ratio Lower Upper
 130 100
 95 89.9 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: 19.751 ug/l

RT: 8.95 min Scan# 764

Delta R.T. 0.01 min

Lab File: VD061104.D

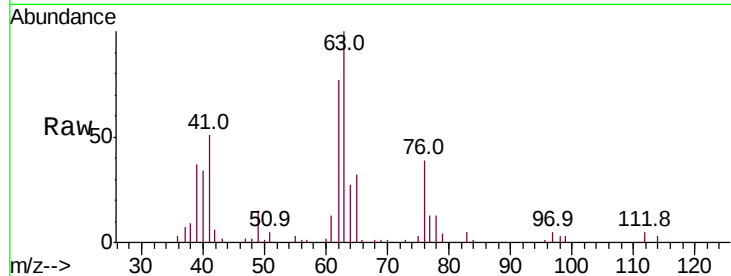
Acq: 16 Mar 2019 12:51

Tot Ion: 63 Resp: 145325

Ion Ratio Lower Upper

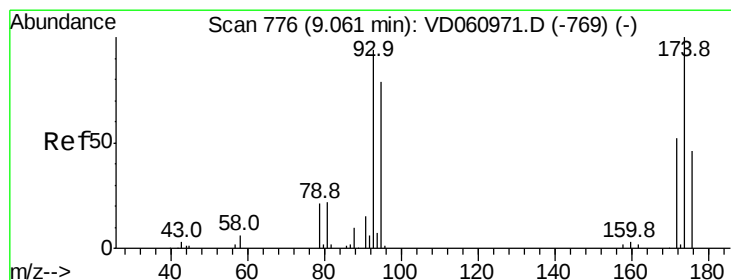
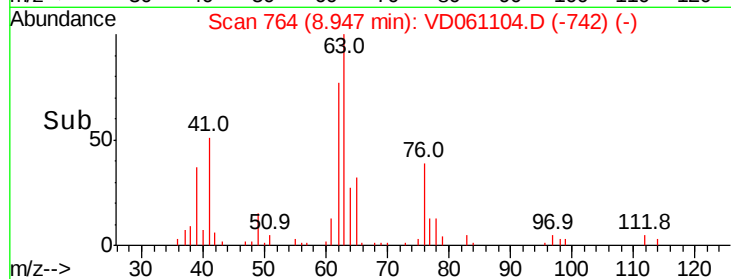
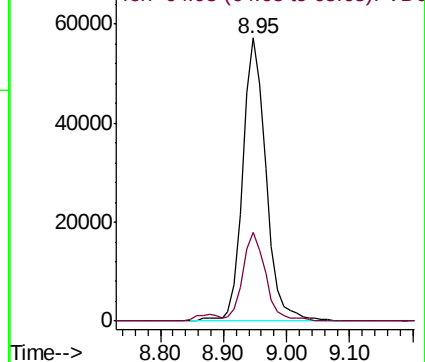
63 100

65 31.6 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: 19.409 ug/l

RT: 9.07 min Scan# 777

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

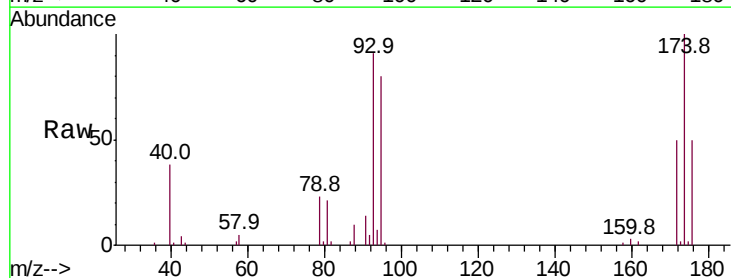
Tgt Ion: 93 Resp: 90585

Ion Ratio Lower Upper

93 100

95 88.1 67.4 101.0

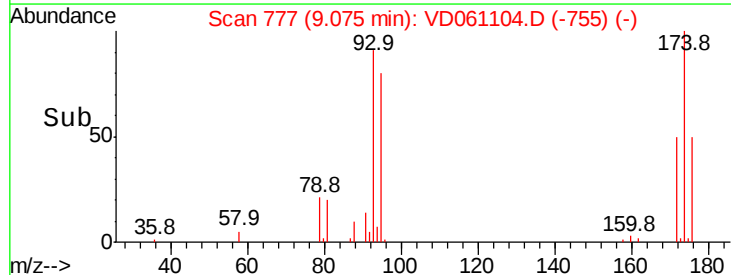
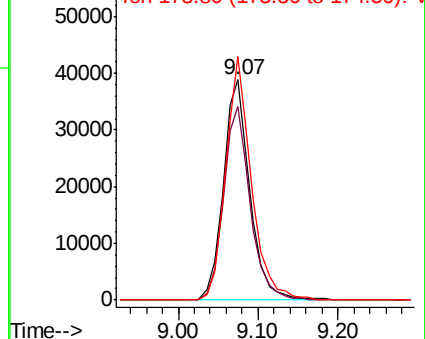
174 110.5 85.4 128.0

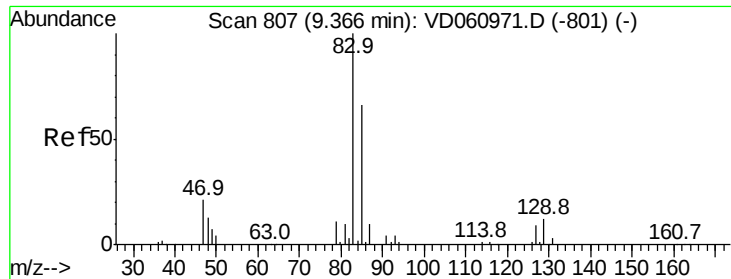


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 19.197 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

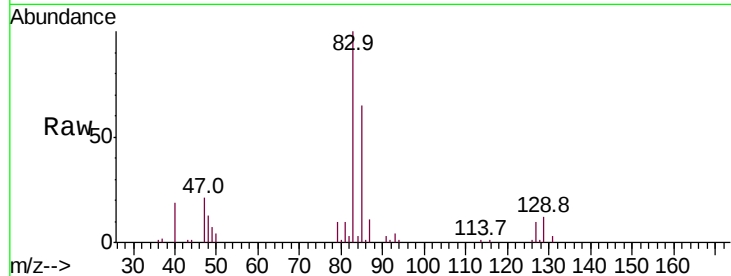
Tot Ion: 83 Resp: 202185

Ion Ratio Lower Upper

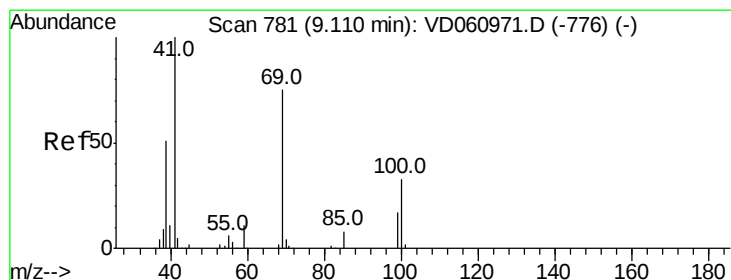
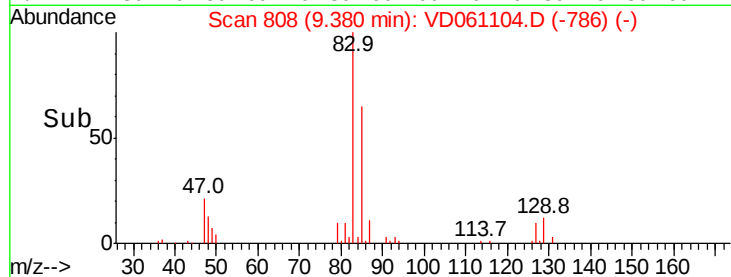
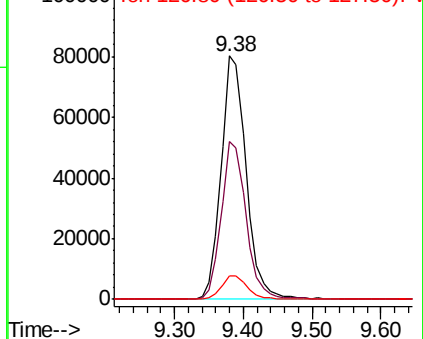
83 100

85 65.0 52.5 78.7

127 9.6 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: 18.492 ug/l

RT: 9.13 min Scan# 783

Delta R.T. 0.02 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

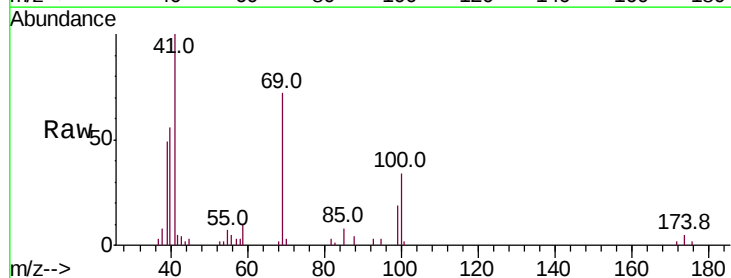
Tgt Ion: 41 Resp: 75844

Ion Ratio Lower Upper

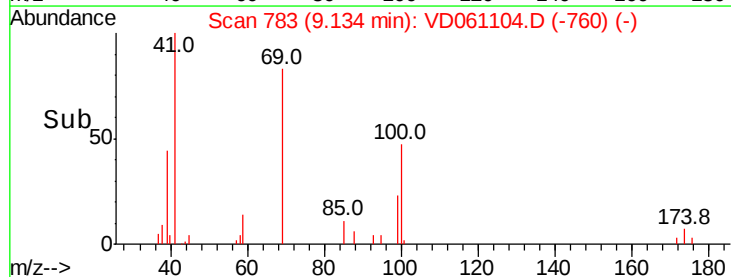
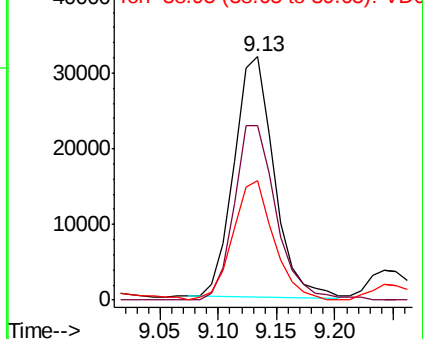
41 100

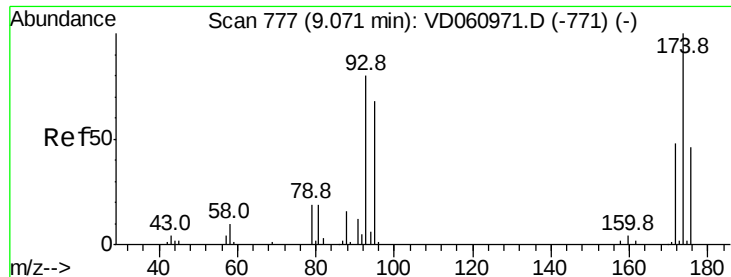
69 71.8 59.9 89.9

39 49.2 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: 369.951 ug/l

RT: 9.08 min Scan# 778

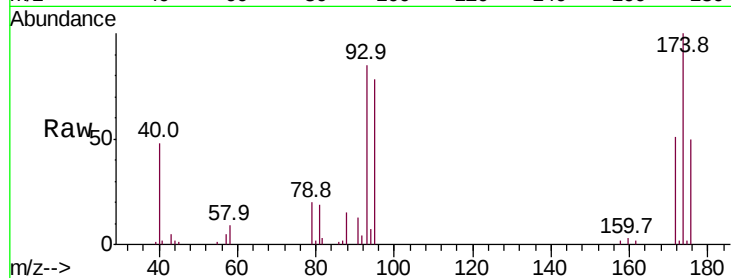
Delta R.T. 0.01 min

Lab File: VD061104.D

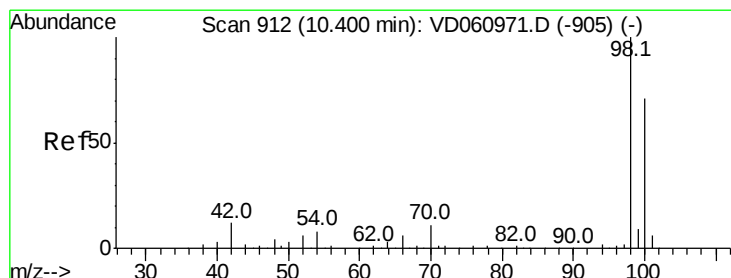
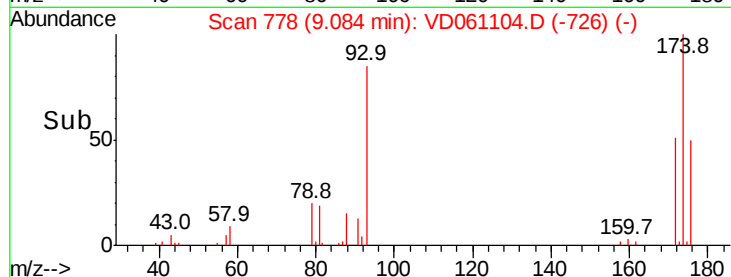
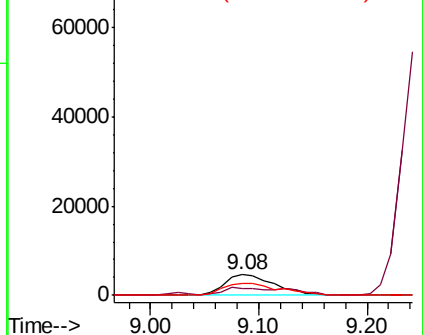
Acq: 16 Mar 2019 12:51

Tot Ion: 88 Resp: 15343

Ion	Ratio	Lower	Upper
88	100		
43	31.6	21.0	31.6#
58	57.6	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: 369.951 ug/l

RT: 10.41 min Scan# 913

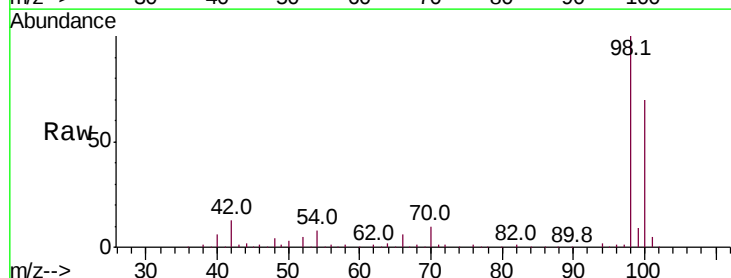
Delta R.T. 0.01 min

Lab File: VD061104.D

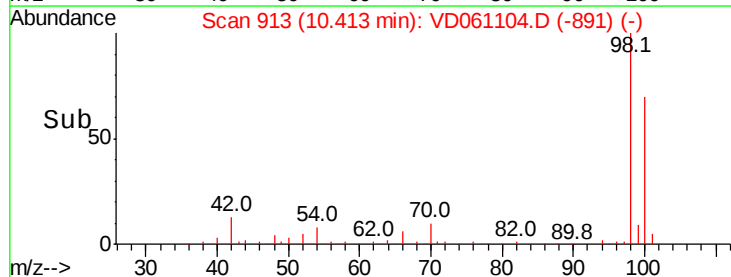
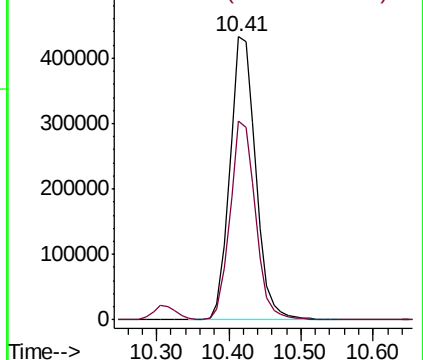
Acq: 16 Mar 2019 12:51

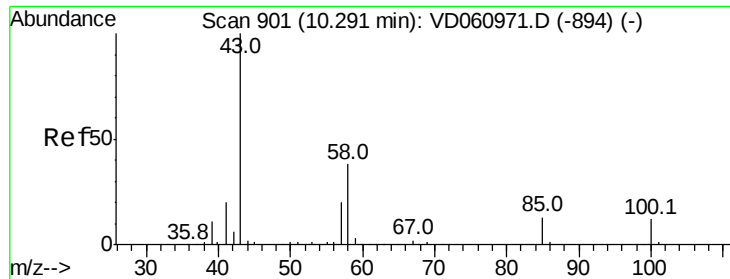
Tgt Ion: 98 Resp: 1080485

Ion	Ratio	Lower	Upper
98	100		
100	70.2	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: 93.174 ug/l

RT: 10.31 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD061104.D

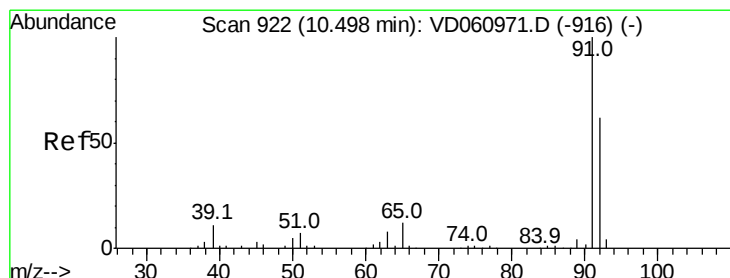
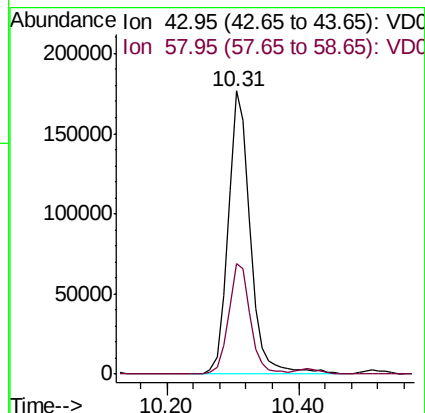
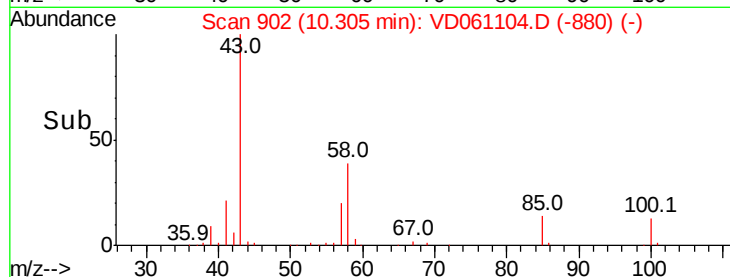
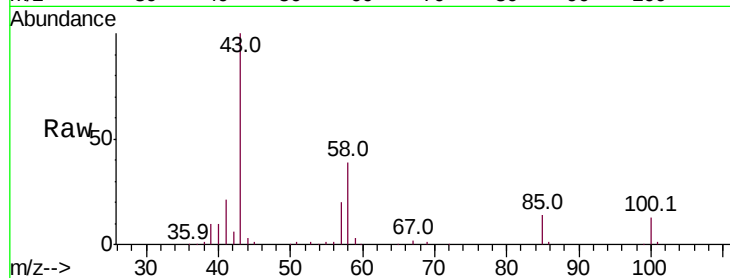
Acq: 16 Mar 2019 12:51

Tot Ion: 43 Resp: 415805

Ion Ratio Lower Upper

43 100

58 38.9 30.2 45.2



#52

Toluene

Concen: 19.611 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD061104.D

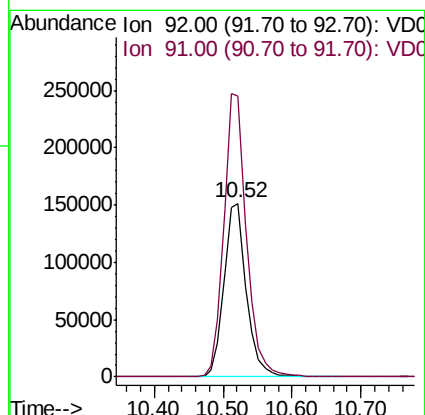
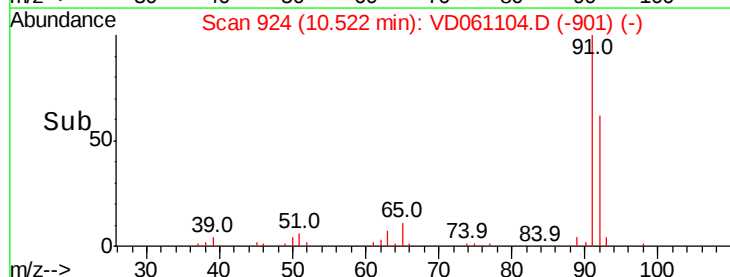
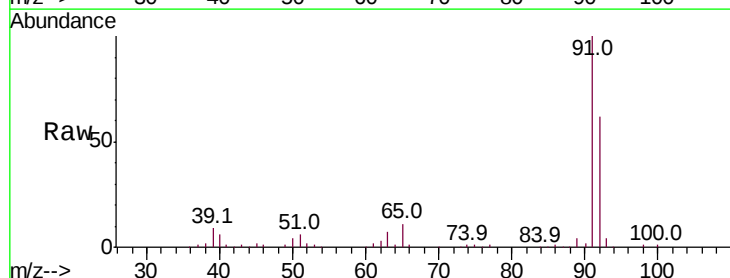
Acq: 16 Mar 2019 12:51

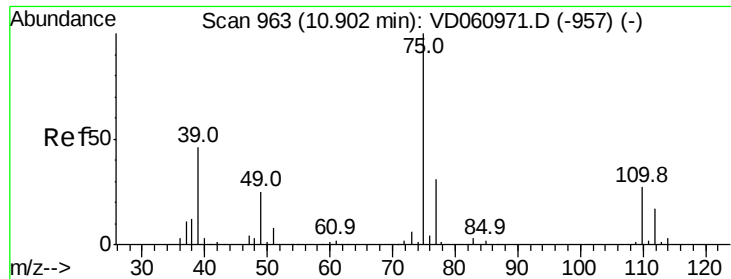
Tgt Ion: 92 Resp: 341522

Ion Ratio Lower Upper

92 100

91 161.9 129.8 194.8





#53

t-1,3-Dichloropropene

Concen: 17.764 ug/l

RT: 10.92 min Scan# 964

Delta R.T. 0.01 min

Lab File: VD061104.D

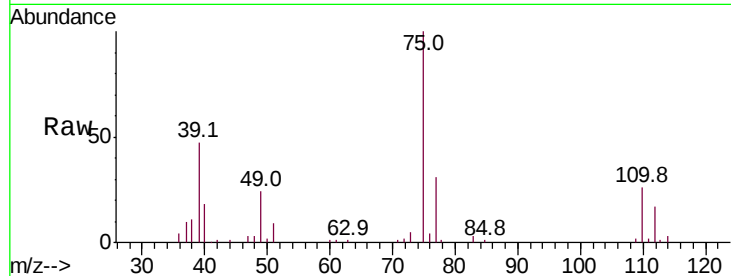
Acq: 16 Mar 2019 12:51

Tot Ion: 75 Resp: 171073

Ion Ratio Lower Upper

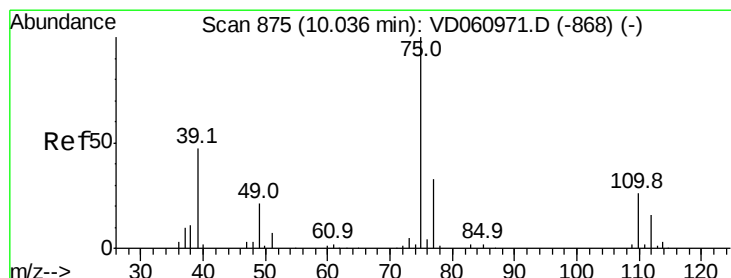
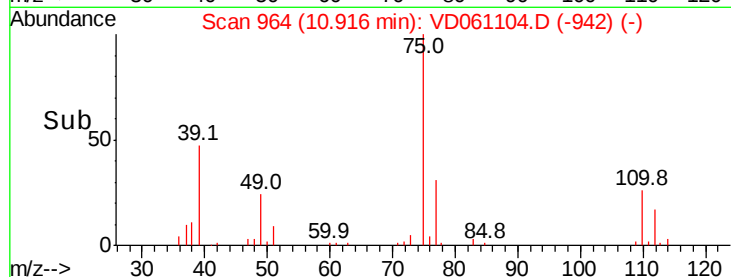
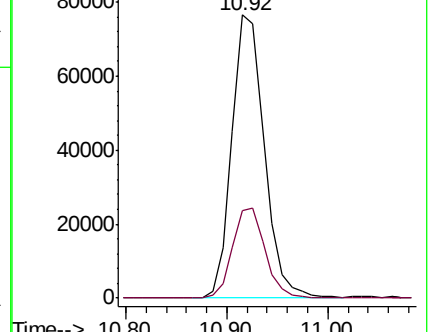
75 100

77 30.9 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: 19.917 ug/l

RT: 10.05 min Scan# 876

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

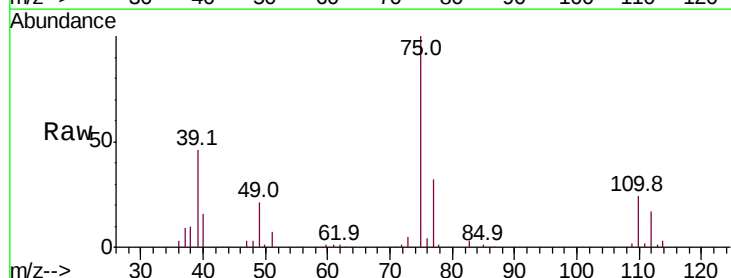
Tgt Ion: 75 Resp: 230460

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.4

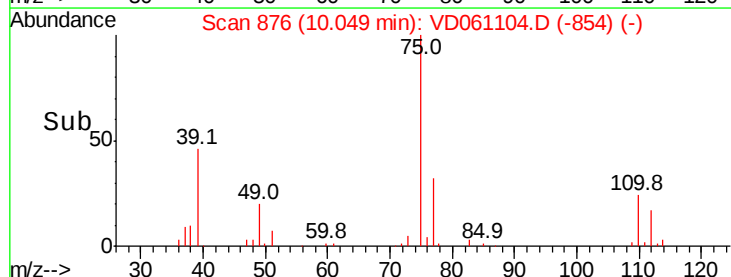
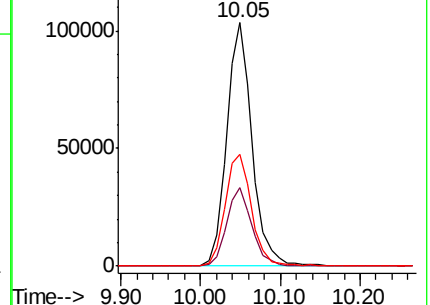
39 45.8 37.8 56.8

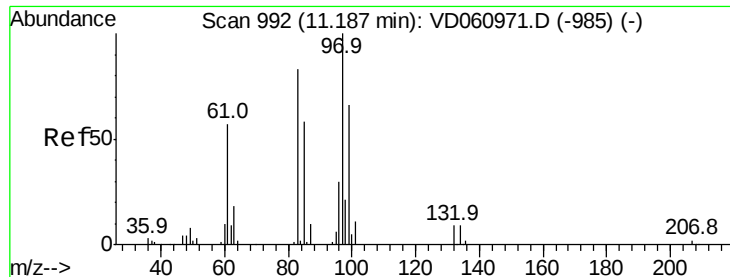


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

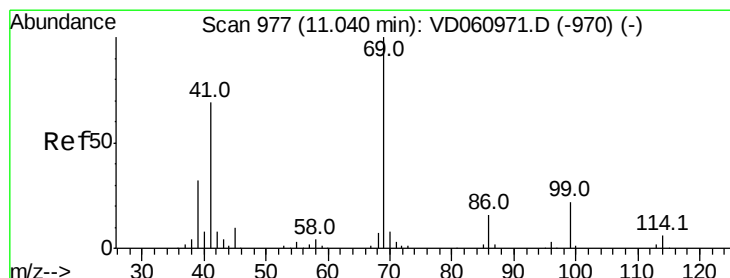
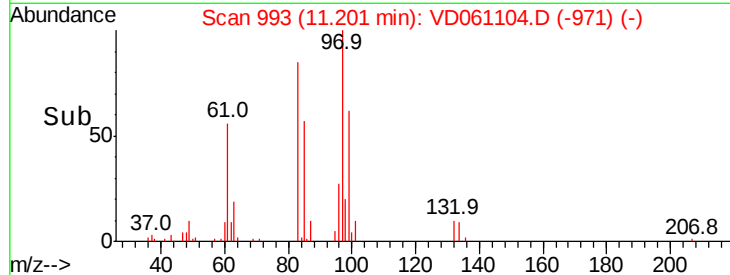
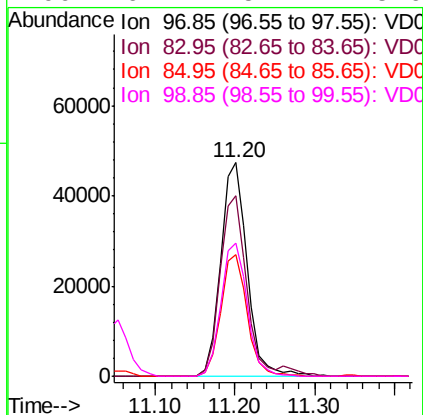
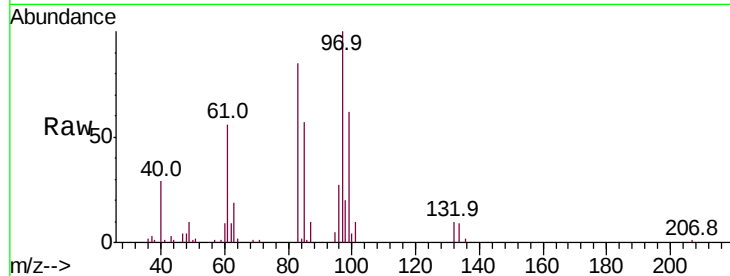
Ion 38.95 (38.65 to 39.65): VDC





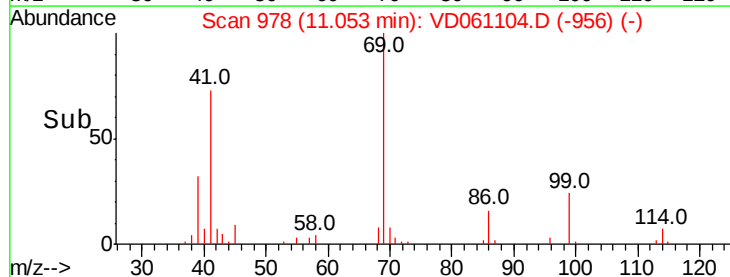
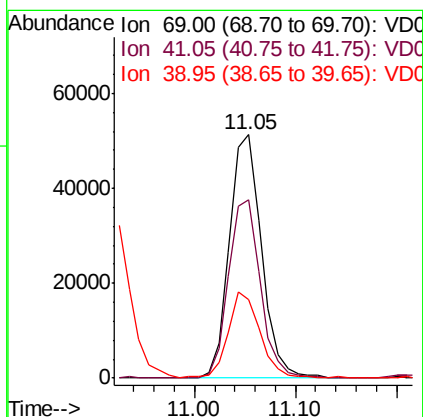
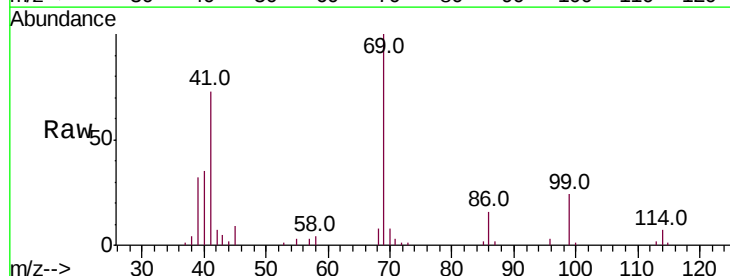
#55
1,1,2-Trichloroethane
Concen: 19.089 ug/l
RT: 11.20 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

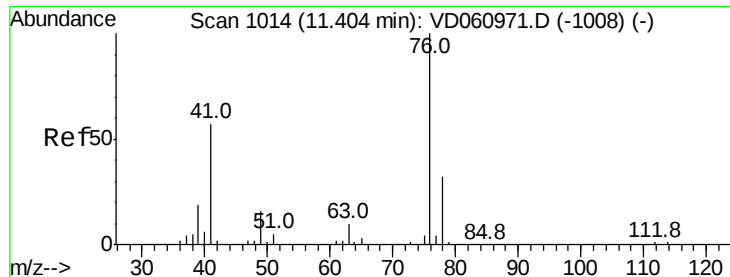
Tot Ion:	97	Resp:	110706
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.6	100.0
85	56.9	46.4	69.6
99	62.4	52.4	78.6



#56
Ethyl methacrylate
Concen: 18.674 ug/l
RT: 11.05 min Scan# 978
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tgt Ion:	69	Resp:	113358
Ion	Ratio	Lower	Upper
69	100		
41	73.2	55.5	83.3
39	32.4	26.2	39.2





#57

1,3-Dichloropropane

Concen: 18.938 ug/l

RT: 11.42 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VD061104.D

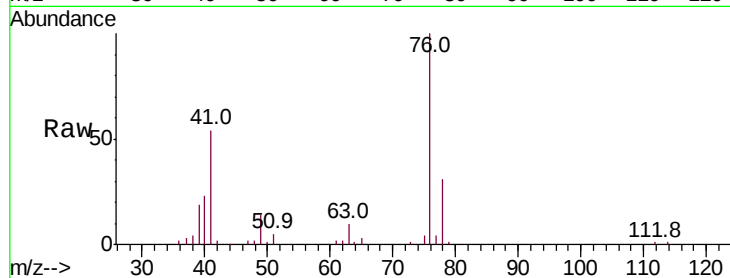
Acq: 16 Mar 2019 12:51

Tot Ion: 76 Resp: 164130

Ion Ratio Lower Upper

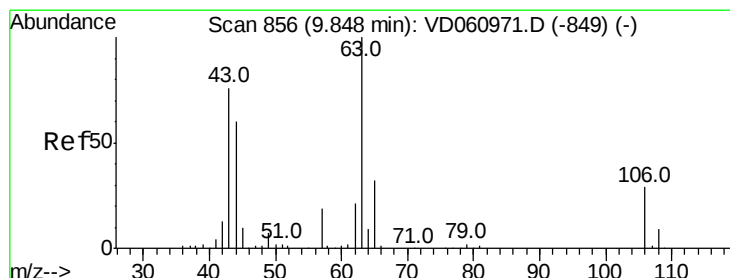
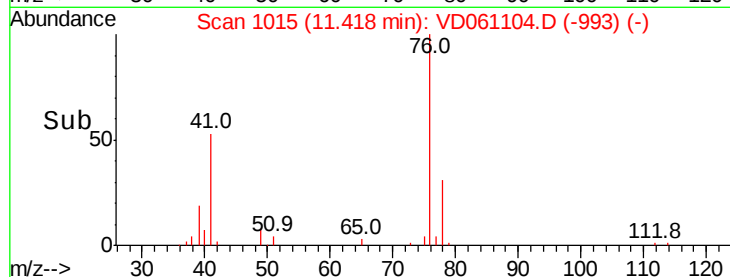
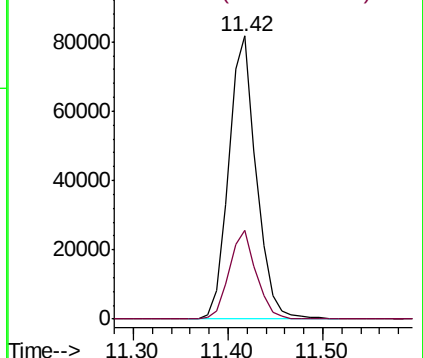
76 100

78 31.4 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: 88.450 ug/l

RT: 9.86 min Scan# 857

Delta R.T. 0.01 min

Lab File: VD061104.D

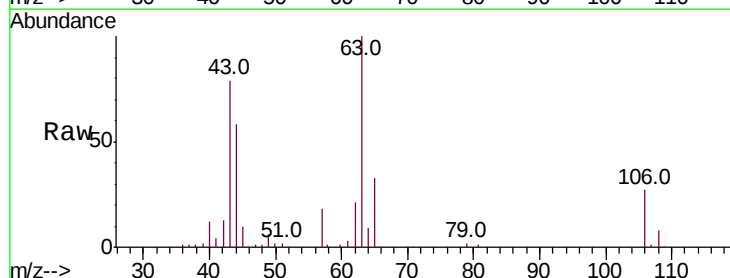
Acq: 16 Mar 2019 12:51

Tgt Ion: 63 Resp: 284210

Ion Ratio Lower Upper

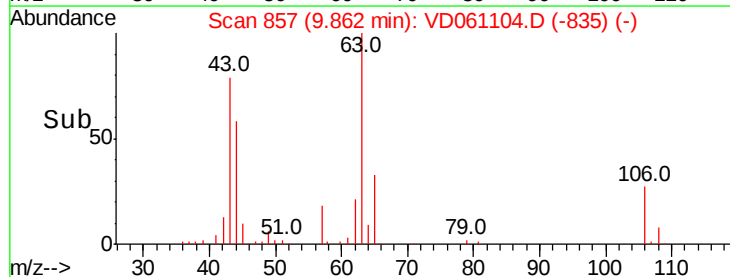
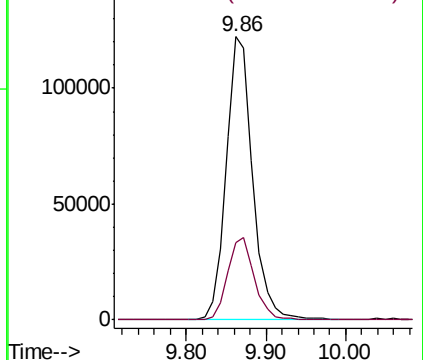
63 100

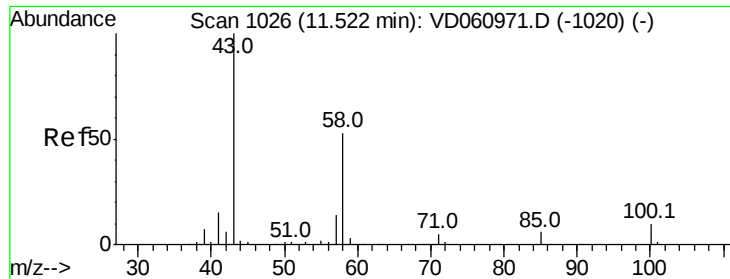
106 27.5 22.8 34.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

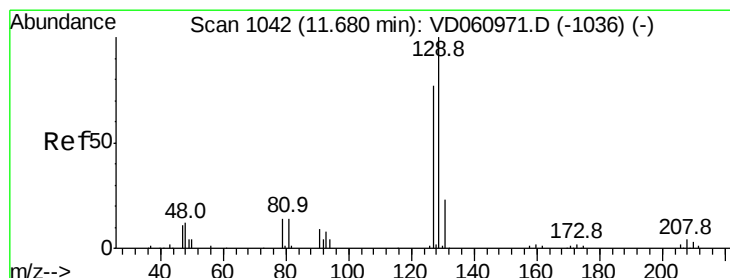
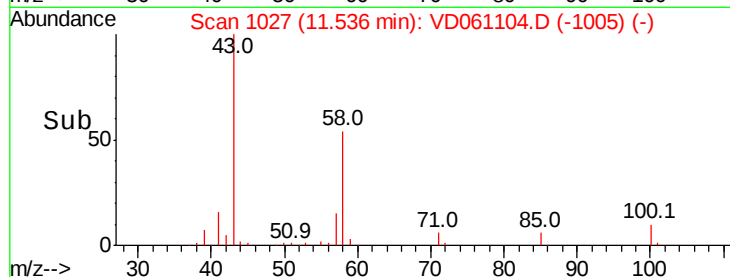
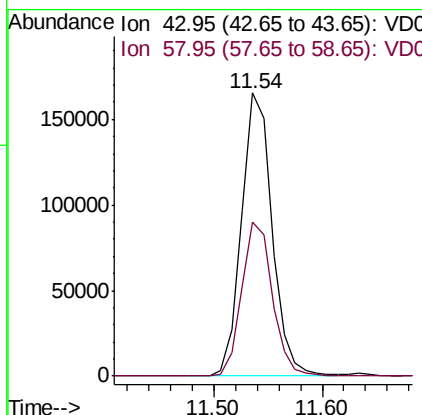
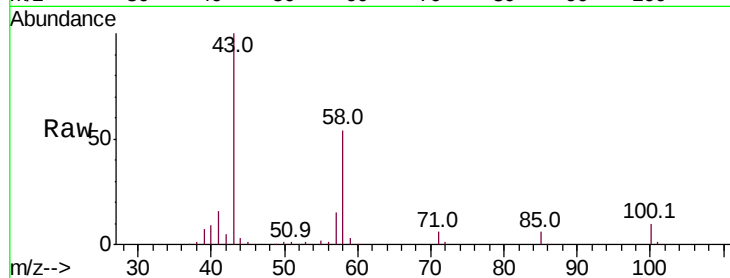
Ion 105.95 (105.65 to 106.65): V





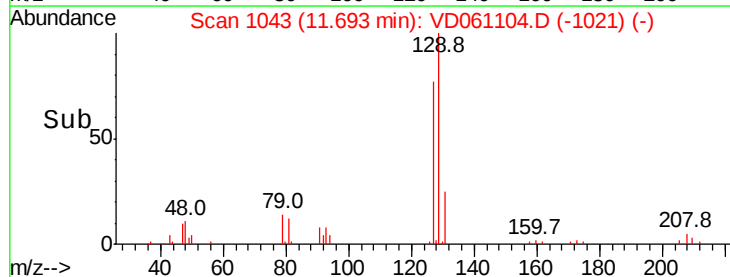
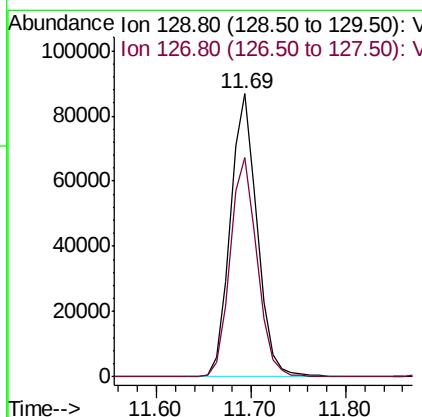
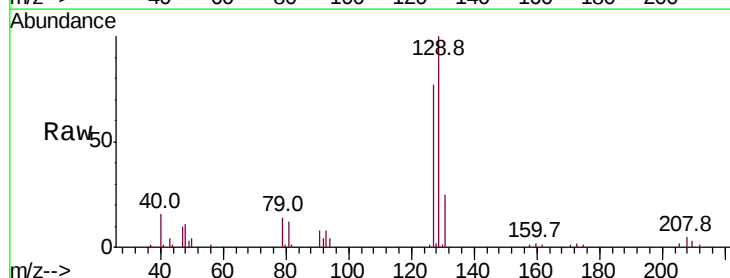
#59
2-Hexanone
Concen: 100.206 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

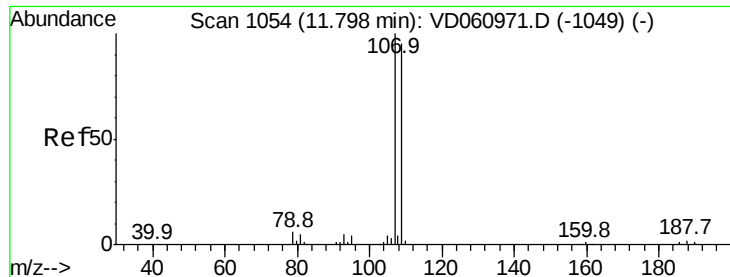
Tot Ion: 43 Resp: 327115
Ion Ratio Lower Upper
43 100
58 54.3 26.5 79.5



#60
Dibromochloromethane
Concen: 19.875 ug/l
RT: 11.69 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tgt Ion: 129 Resp: 169639
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.332 ug/l

RT: 11.81 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VD061104.D

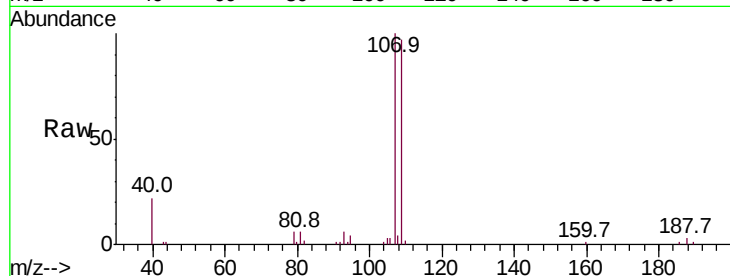
Acq: 16 Mar 2019 12:51

Tot Ion:107 Resp: 130426

Ion Ratio Lower Upper

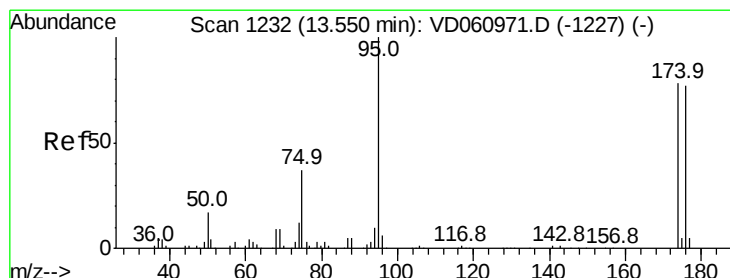
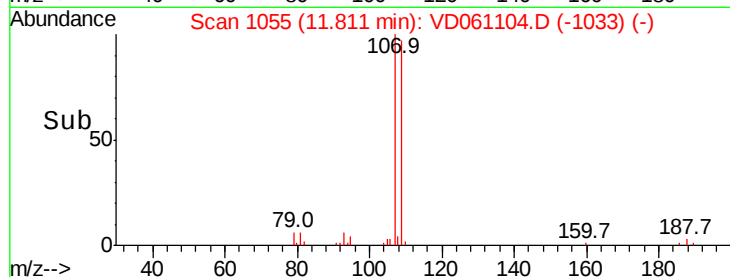
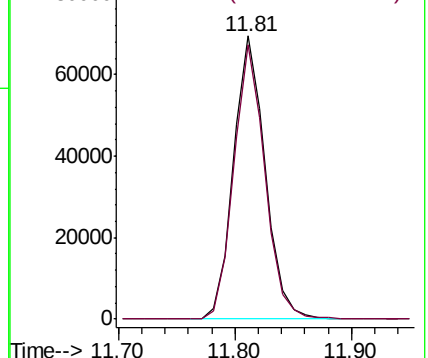
107 100

109 97.0 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: 19.332 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

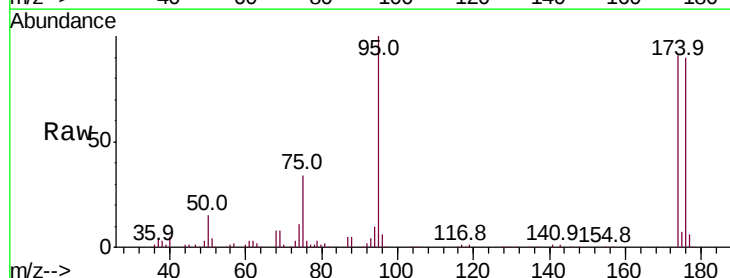
Tgt Ion: 95 Resp: 409484

Ion Ratio Lower Upper

95 100

174 91.1 0.0 155.6

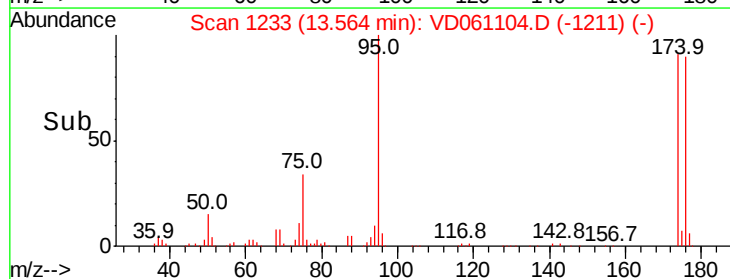
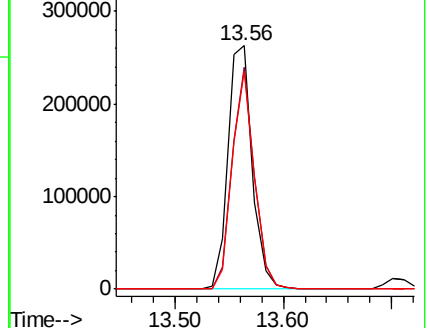
176 89.8 0.0 153.8

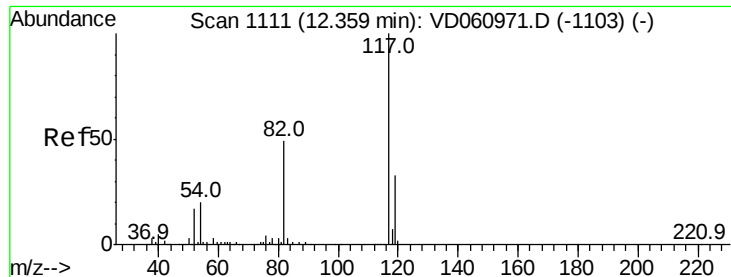


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

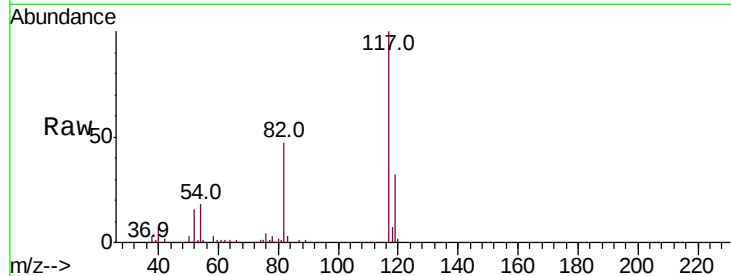




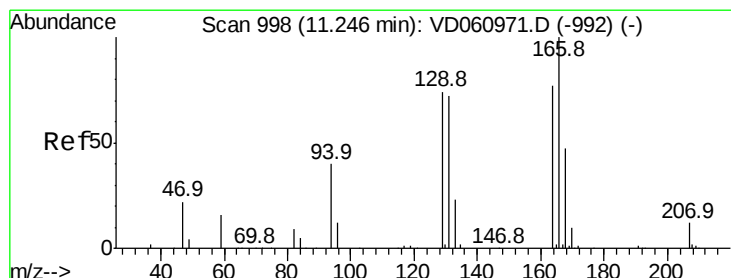
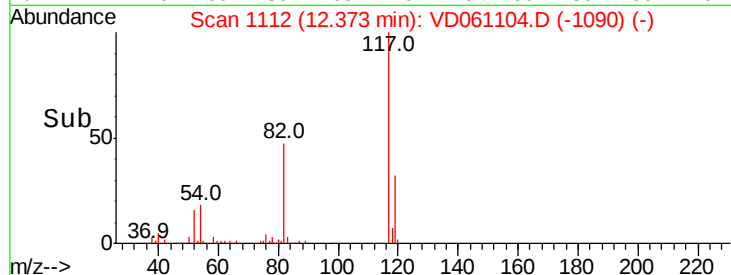
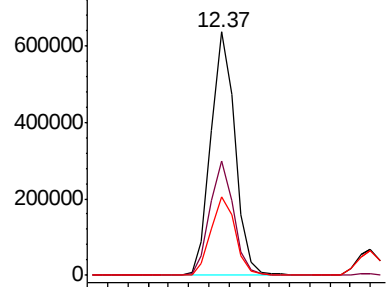
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tot Ion:117 Resp: 1065173

Ion	Ratio	Lower	Upper
117	100		
82	47.0	38.9	58.3
119	32.1	26.6	39.8



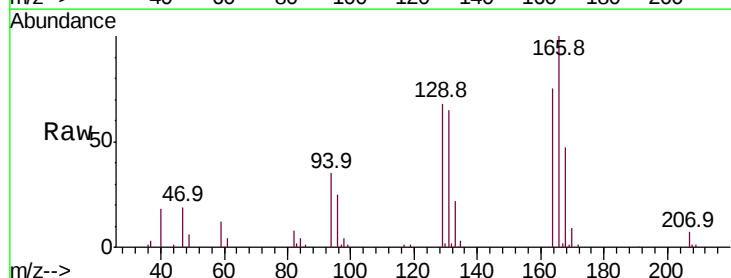
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



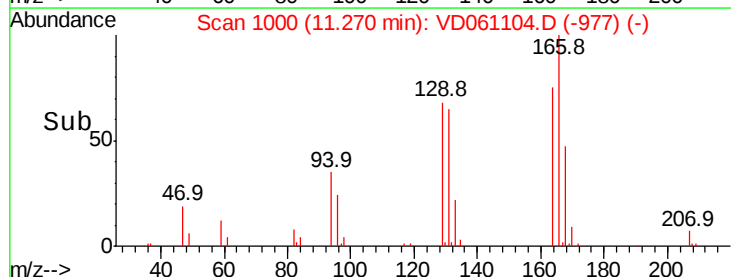
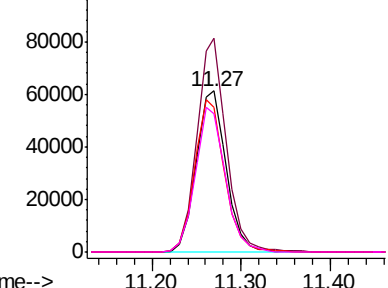
#64
Tetrachloroethene
Concen: 20.131 ug/l
RT: 11.27 min Scan# 1000
Delta R.T. 0.02 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

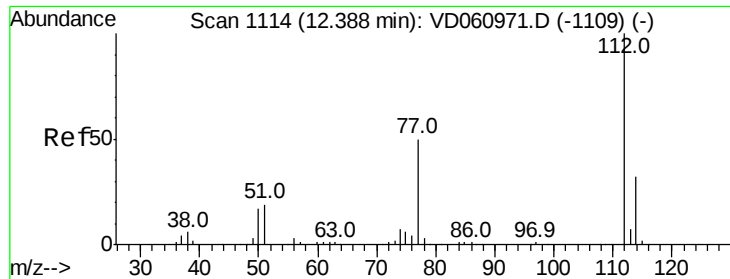
Tgt Ion:164 Resp: 144748

Ion	Ratio	Lower	Upper
164	100		
166	132.9	103.4	155.0
129	90.3	76.9	115.3
131	86.1	74.4	111.6



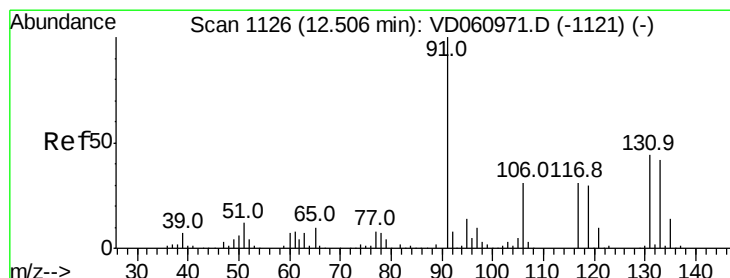
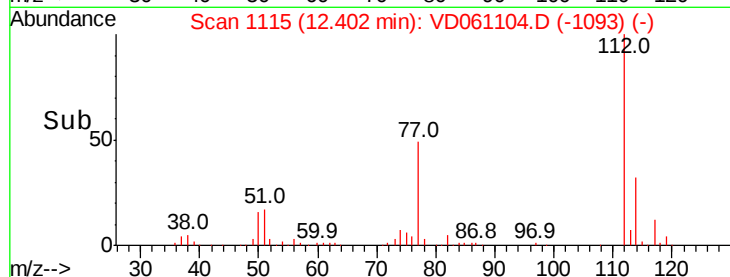
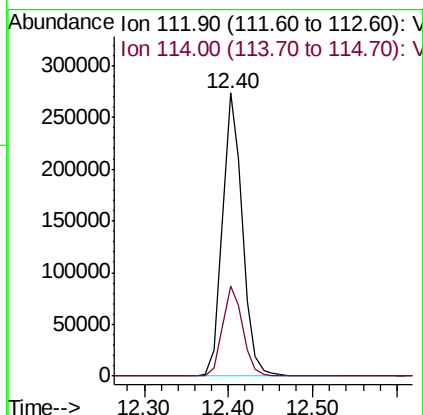
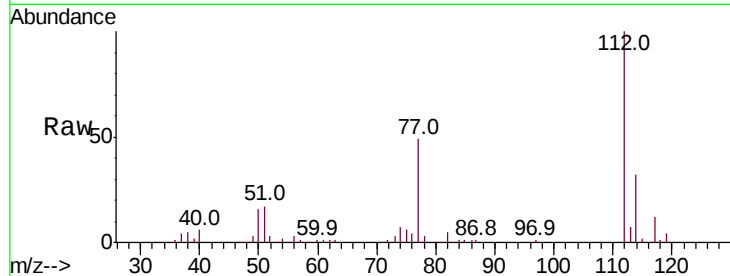
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





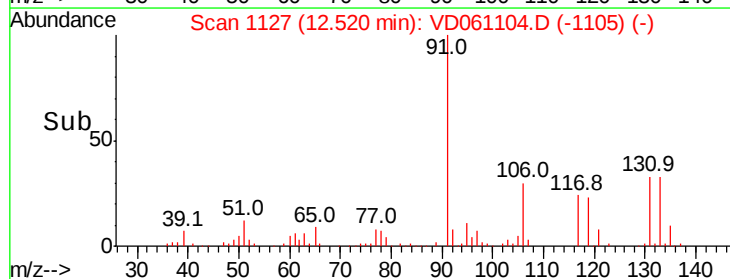
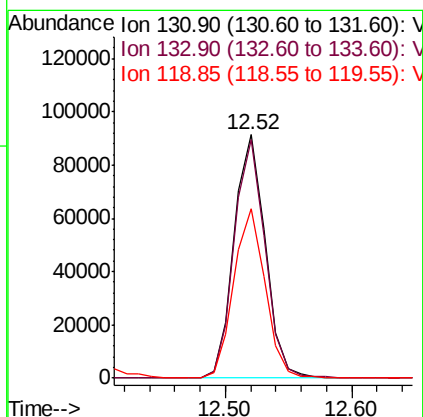
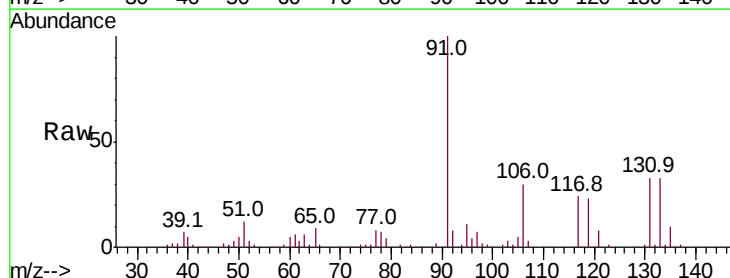
#65
Chlorobenzene
Concen: 21.382 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

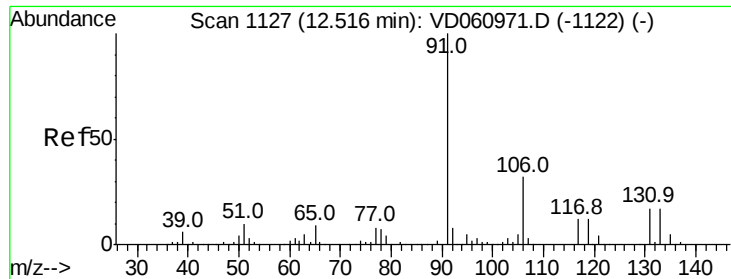
Tot Ion:112 Resp: 446505
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.877 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

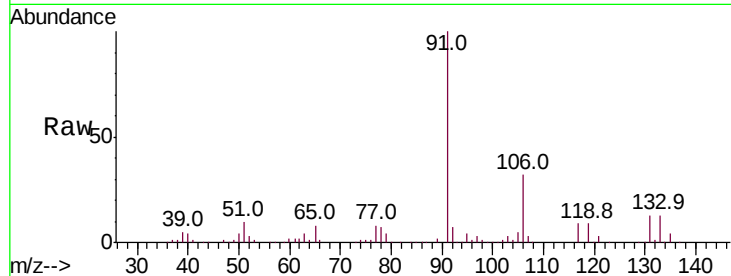
Tgt Ion:131 Resp: 155399
Ion Ratio Lower Upper
131 100
133 97.8 47.8 143.3
119 69.7 34.3 102.9



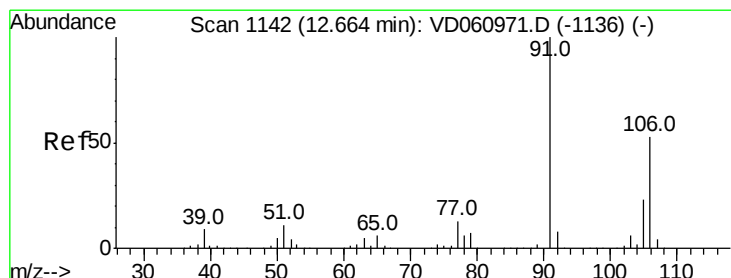
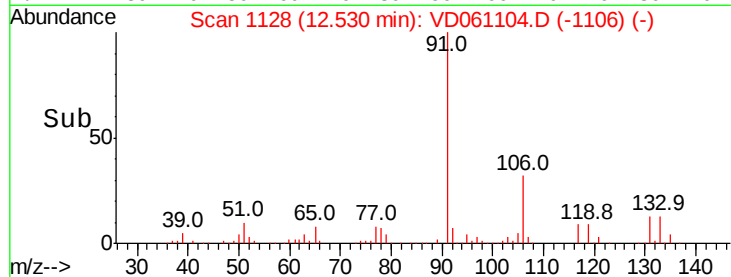
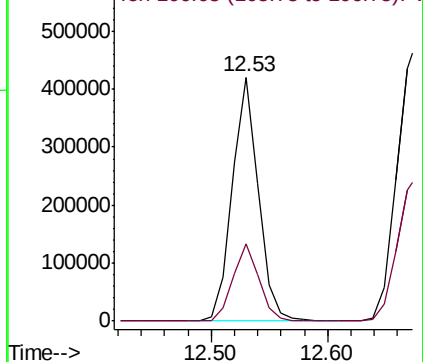


#67
Ethvl Benzene
Concen: 20.992 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tot Ion: 91 Resp: 652590
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

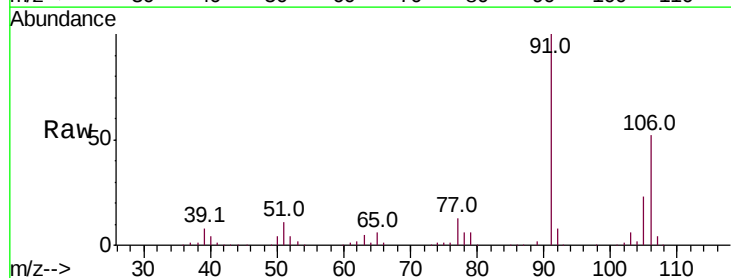


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

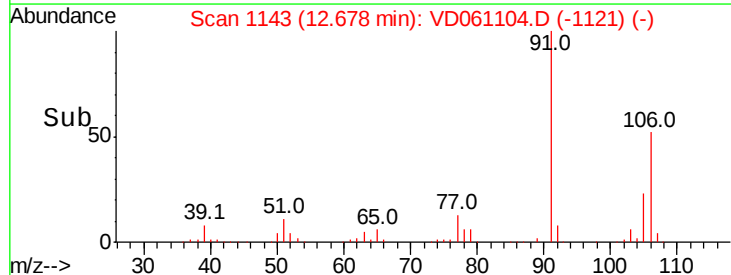
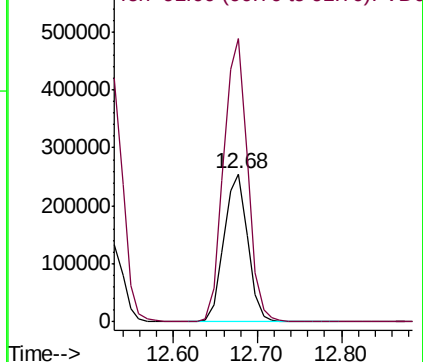


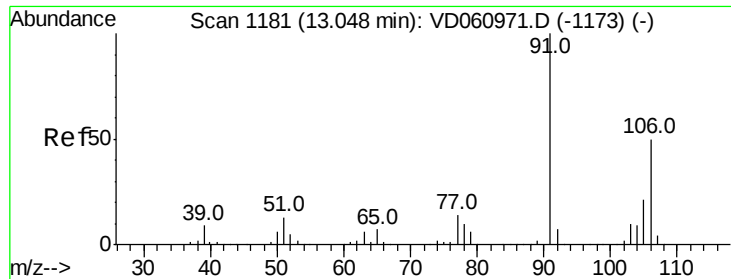
#68
m/p-Xylenes
Concen: 41.022 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tgt Ion:106 Resp: 500542
Ion Ratio Lower Upper
106 100
91 191.6 152.0 228.0



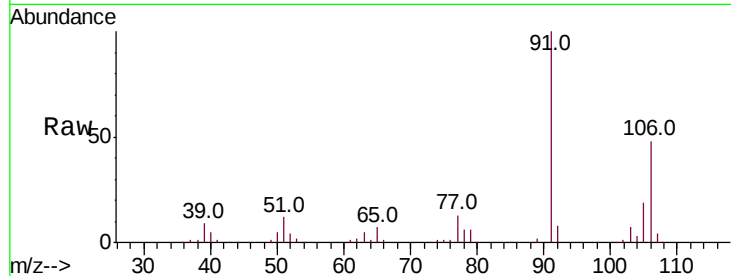
Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC



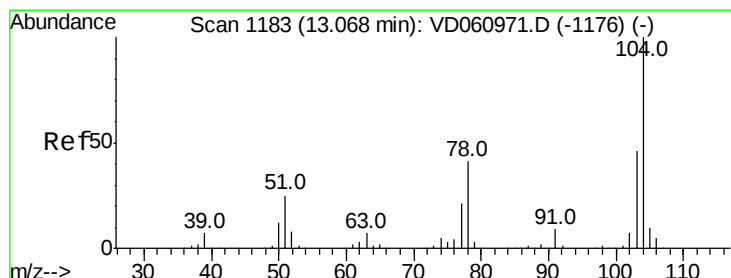
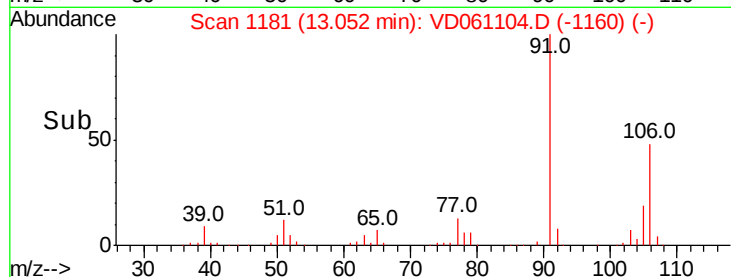
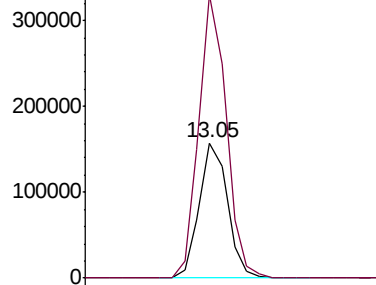


#69
o-Xylene
Concen: 20.332 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tot Ion:106 Resp: 243856
Ion Ratio Lower Upper
106 100
91 209.2 99.8 299.3

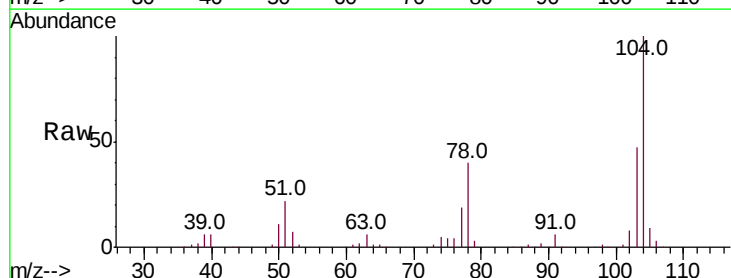


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

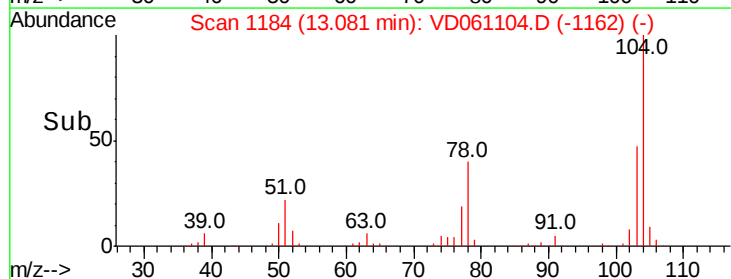
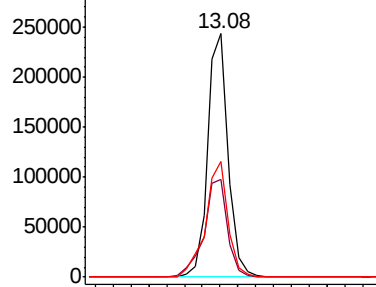


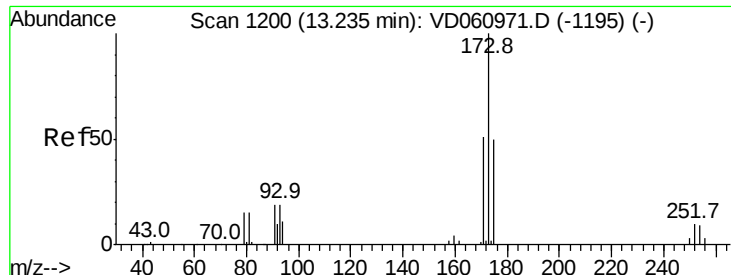
#70
Styrene
Concen: 19.862 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tgt Ion:104 Resp: 389002
Ion Ratio Lower Upper
104 100
78 40.2 33.0 49.4
103 47.5 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: 19.588 ug/l

RT: 13.24 min Scan# 1200

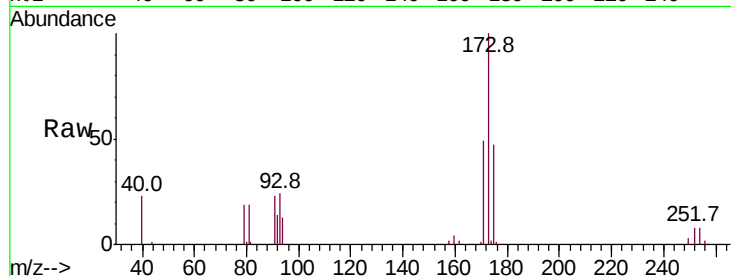
Delta R.T. 0.00 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

Tot Ion:173 Resp: 94058

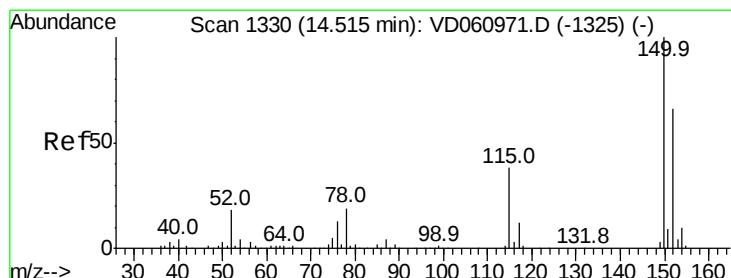
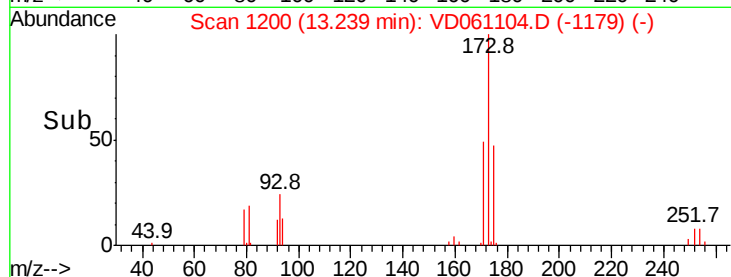
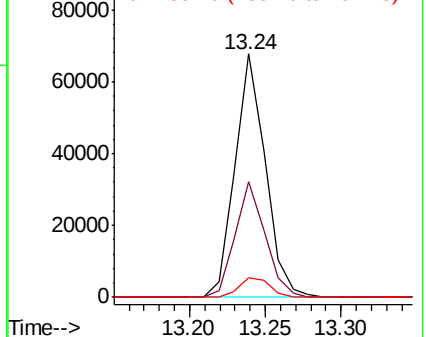
Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.9	74.8
254	8.2	7.3	10.9



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

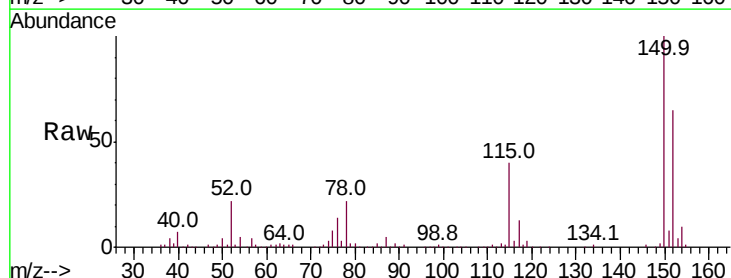
Delta R.T. 0.00 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

Tgt Ion:152 Resp: 443571

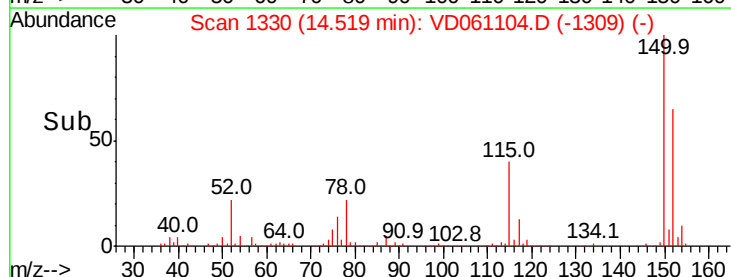
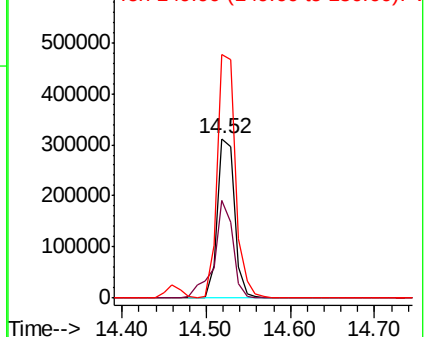
Ion	Ratio	Lower	Upper
152	100		
115	61.7	28.6	85.9
150	152.9	0.0	310.6

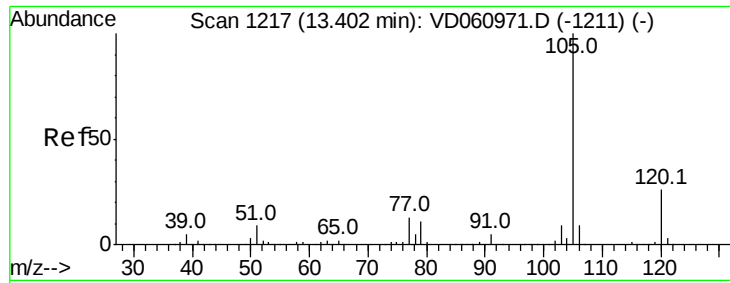


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

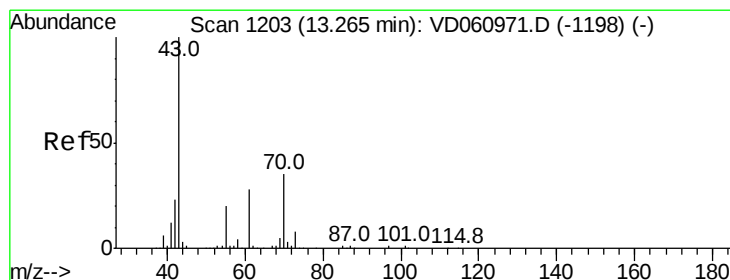
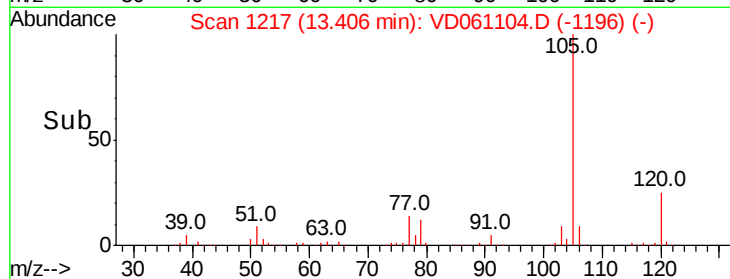
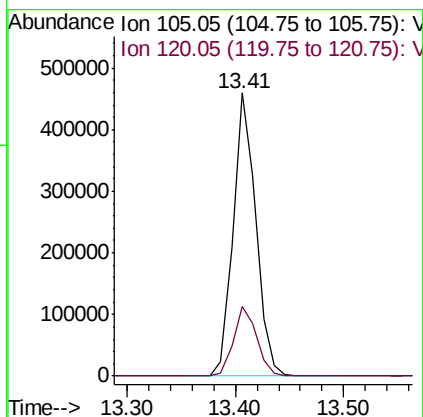
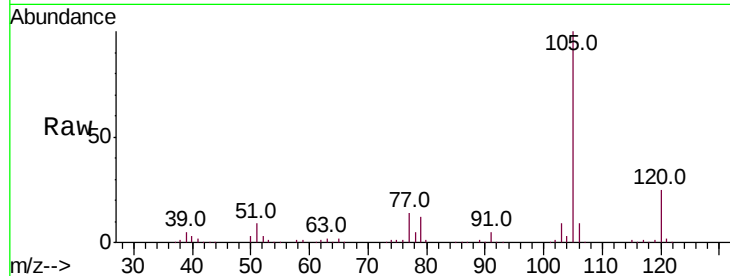
Ion 149.90 (149.60 to 150.60): V





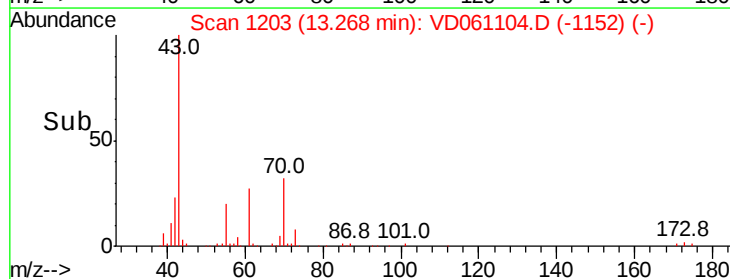
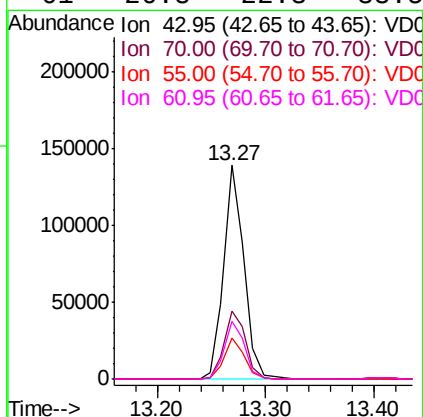
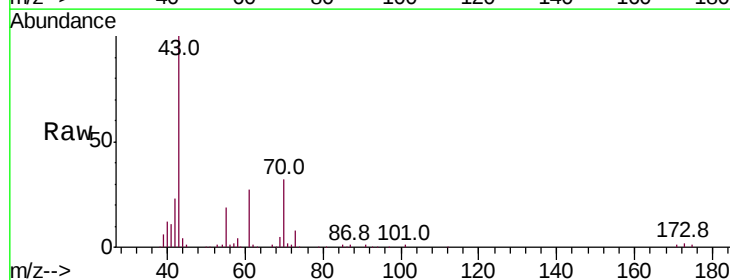
#73
Isopropylbenzene
Concen: 20.938 ug/l
RT: 13.41 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

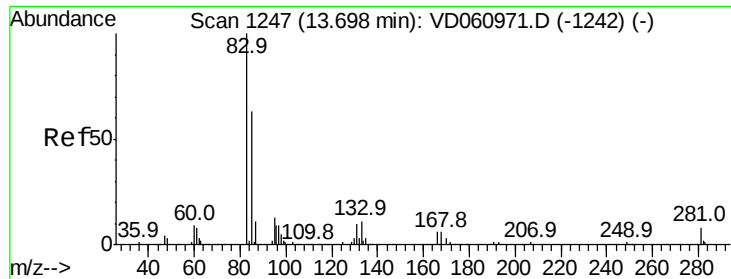
Tot Ion: 105 Resp: 669328
Ion Ratio Lower Upper
105 100
120 24.7 12.8 38.4



#74
N-ethyl acetate
Concen: 20.053 ug/l
RT: 13.27 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tgt Ion: 43 Resp: 180500
Ion Ratio Lower Upper
43 100
70 31.9 27.7 41.5
55 19.4 16.2 24.2
61 26.8 22.3 33.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.417 ug/l

RT: 13.70 min Scan# 1247

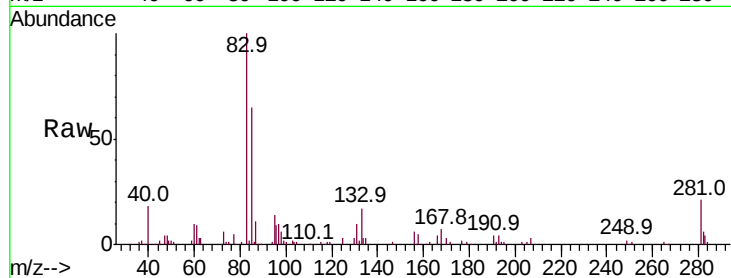
Delta R.T. 0.00 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

Tot Ion: 83 Resp: 121103

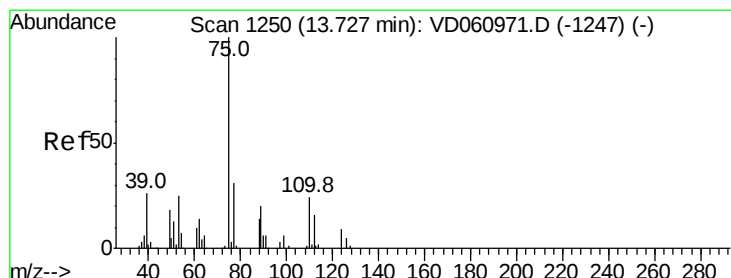
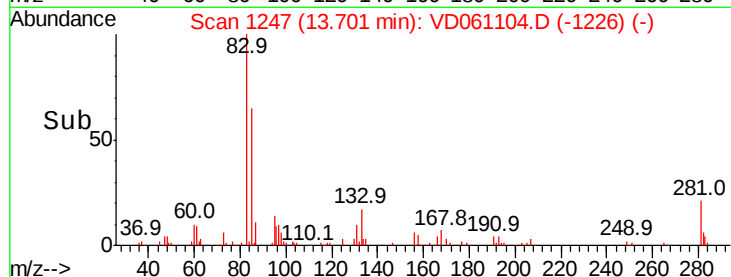
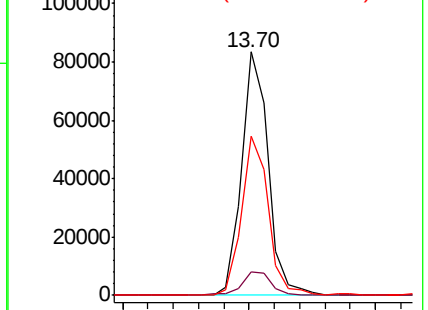
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.1	15.3
85	65.3	31.5	94.5



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: 19.549 ug/l

RT: 13.74 min Scan# 1251

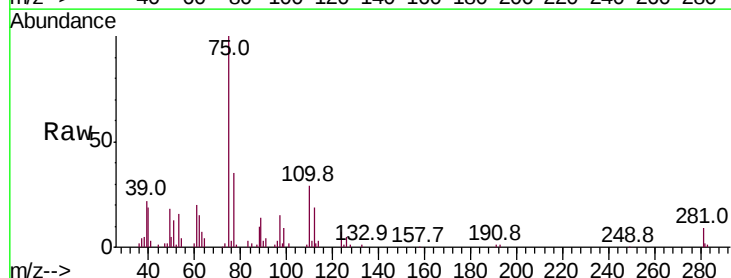
Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

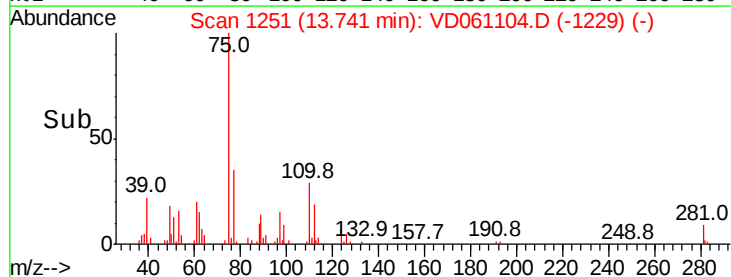
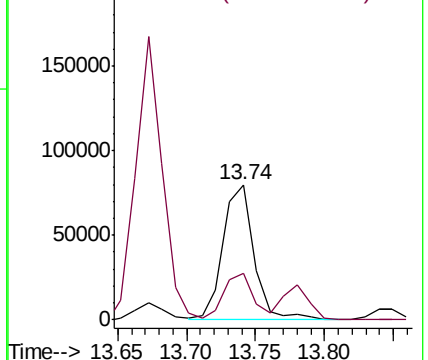
Tgt Ion: 75 Resp: 124754

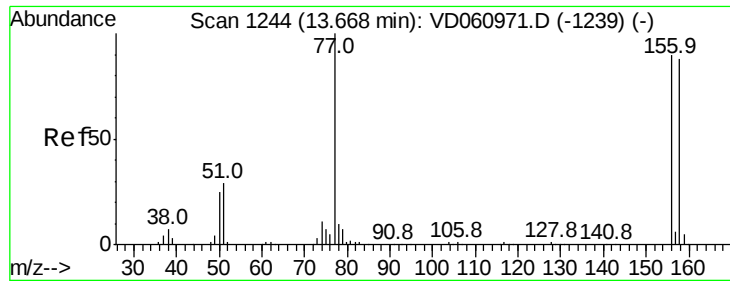
Ion	Ratio	Lower	Upper
75	100		
77	34.6	16.6	49.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 21.461 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

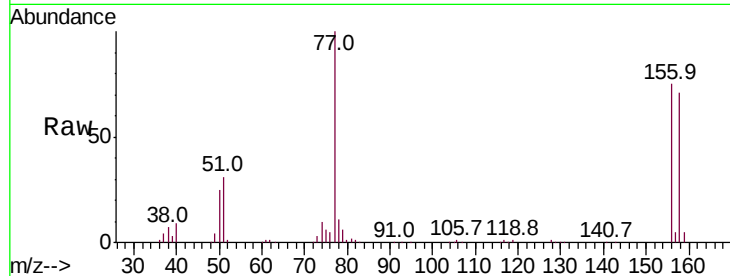
Tot Ion:156 Resp: 175130

Ion Ratio Lower Upper

156 100

77 133.3 55.5 166.7

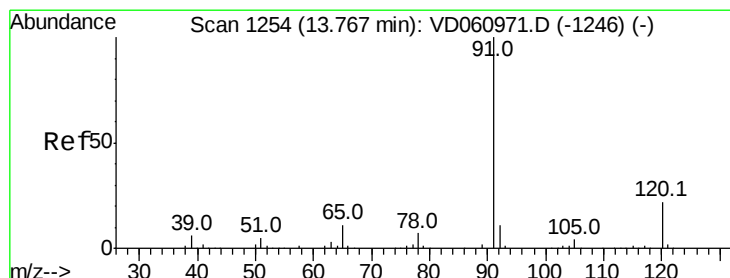
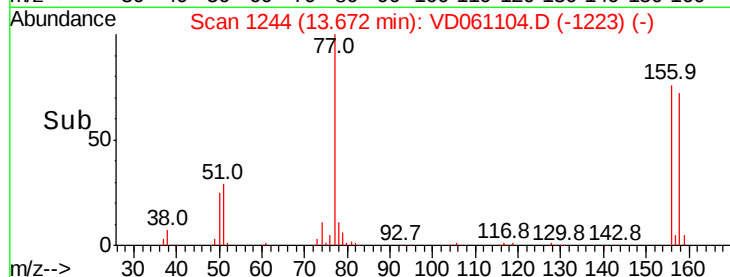
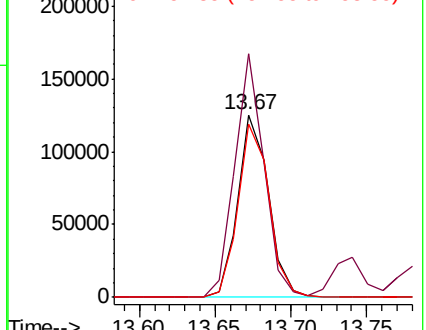
158 94.9 49.0 147.0



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: 21.364 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD061104.D

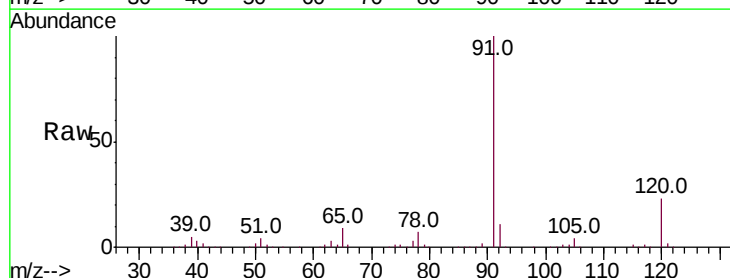
Acq: 16 Mar 2019 12:51

Tgt Ion: 91 Resp: 799509

Ion Ratio Lower Upper

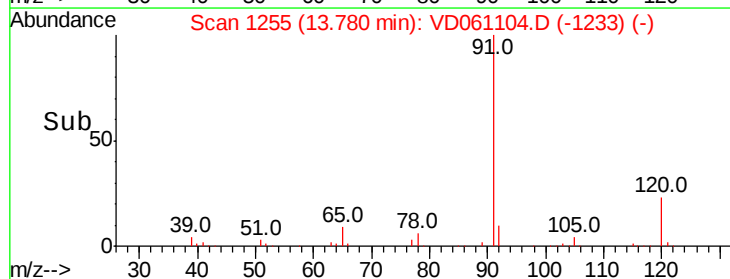
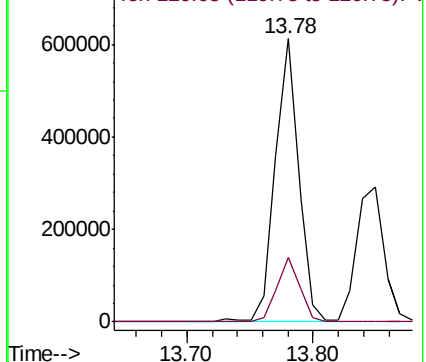
91 100

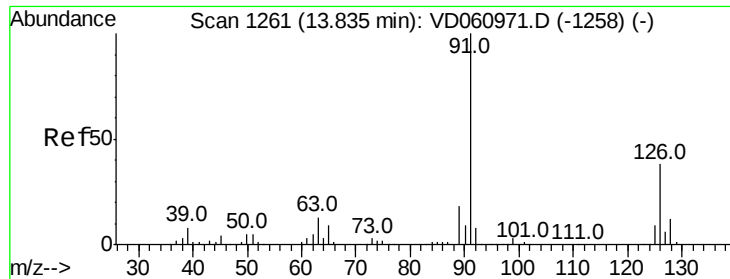
120 23.0 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 21.097 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VD061104.D

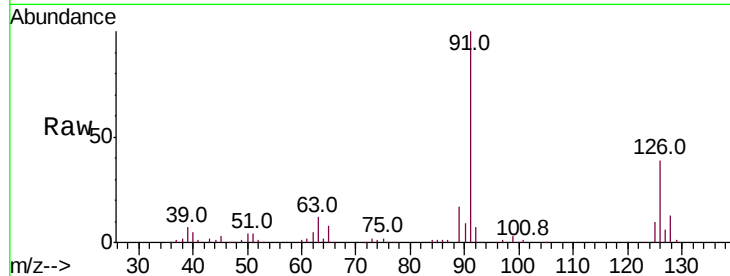
Acq: 16 Mar 2019 12:51

Tot Ion: 91 Resp: 434670

Ion Ratio Lower Upper

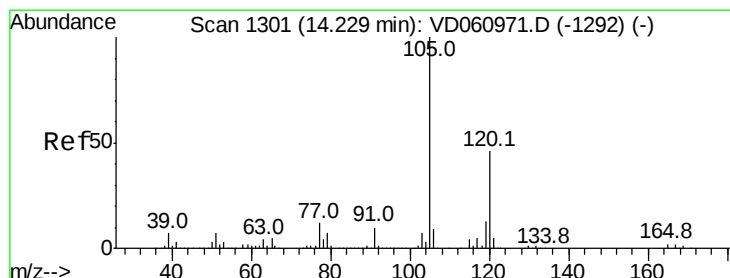
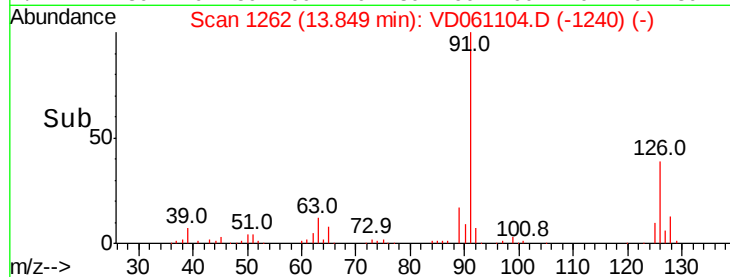
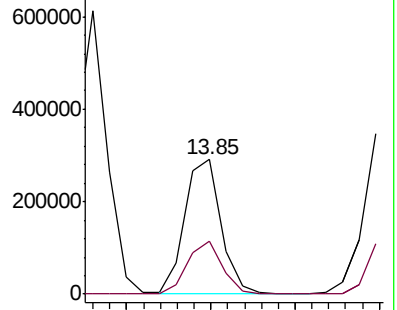
91 100

126 39.4 18.6 55.6



Abundance Ion 91.00 (90.70 to 91.70): VD060971.D (-1258) (-)

Ion 125.95 (125.65 to 126.65): VD060971.D (-1258) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.461 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VD061104.D

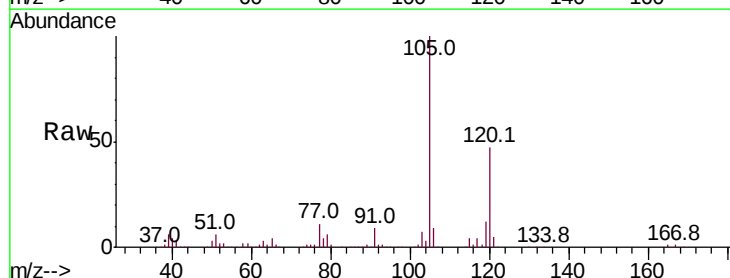
Acq: 16 Mar 2019 12:51

Tgt Ion:105 Resp: 545080

Ion Ratio Lower Upper

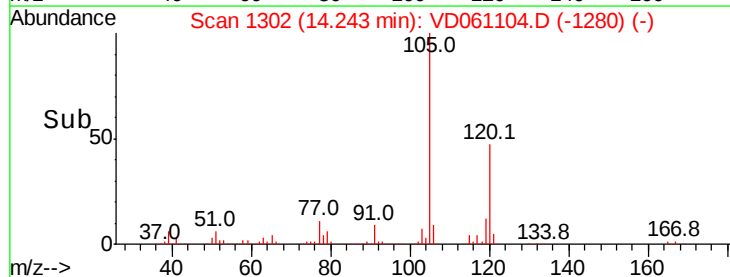
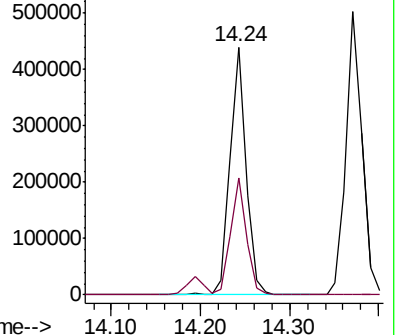
105 100

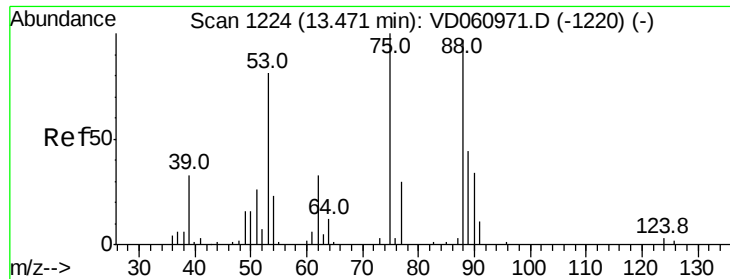
120 47.5 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): VD060971.D (-1292) (-)

Ion 120.05 (119.75 to 120.75): VD060971.D (-1292) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.551 ug/l

RT: 13.48 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

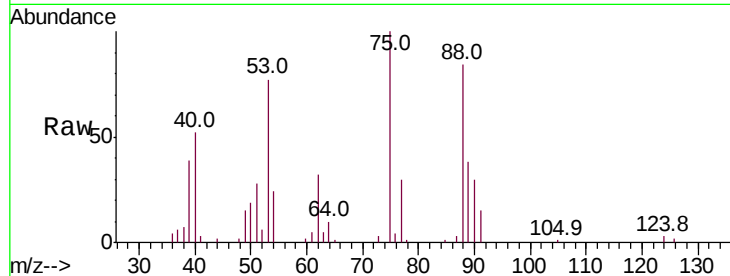
Tot Ion: 75 Resp: 36783

Ion Ratio Lower Upper

75 100

53 77.2 64.4 96.6

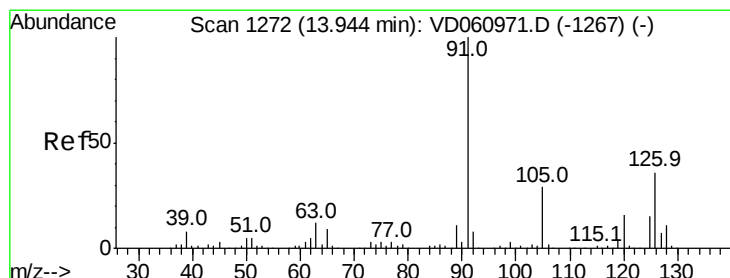
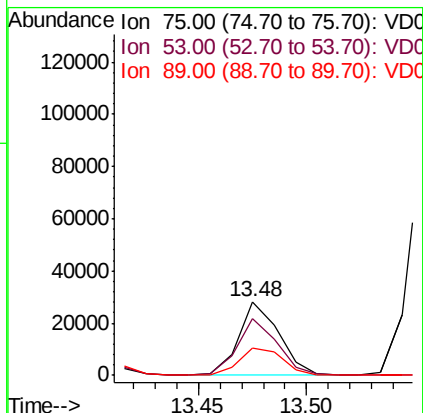
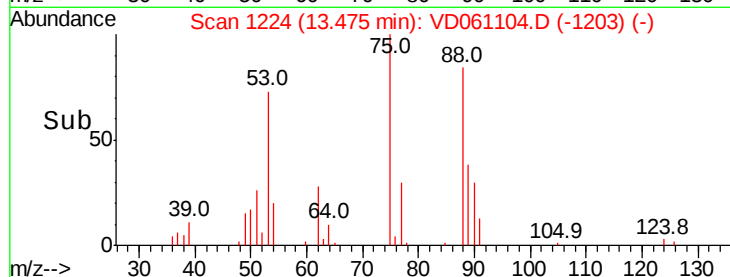
89 37.8 34.8 52.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 21.061 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VD061104.D

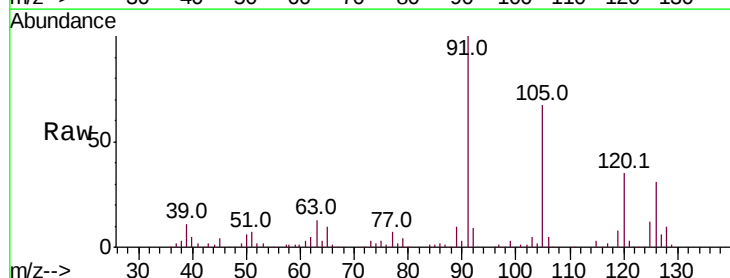
Acq: 16 Mar 2019 12:51

Tgt Ion: 91 Resp: 512975

Ion Ratio Lower Upper

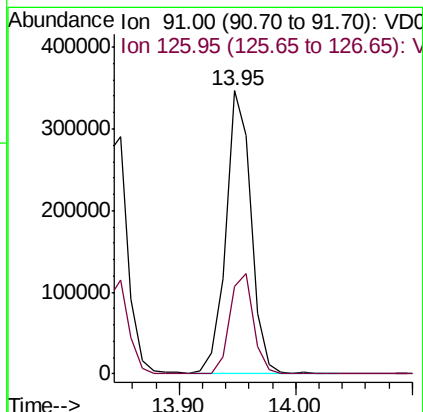
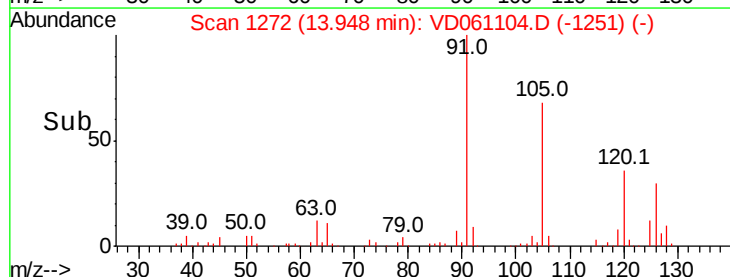
91 100

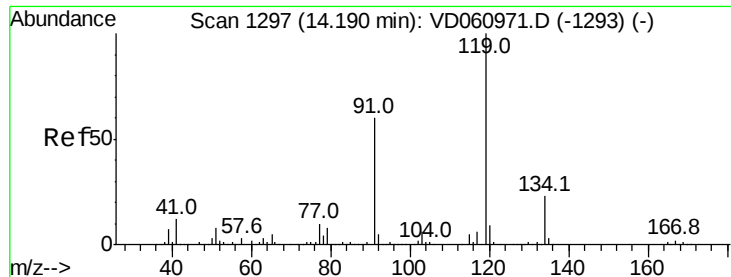
126 31.2 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

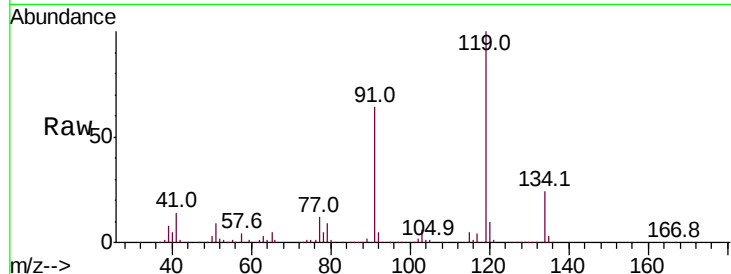
Ion 125.95 (125.65 to 126.65): V



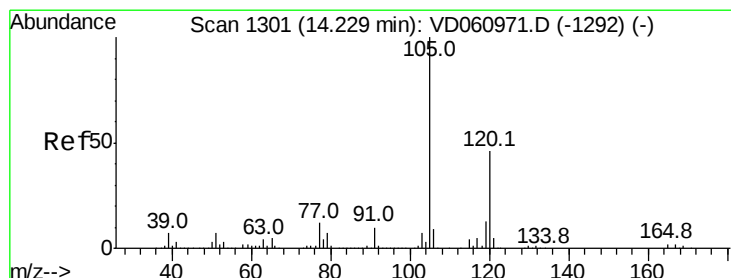
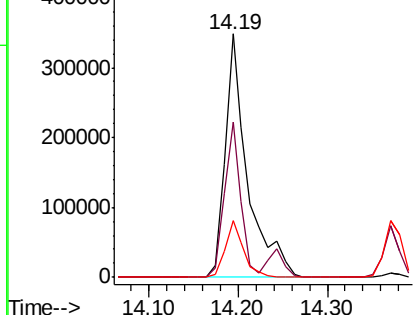
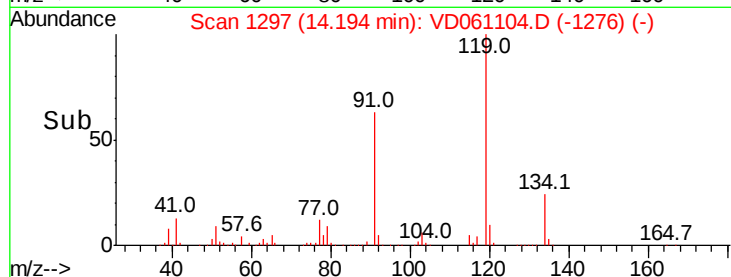


#83
tert-Butylbenzene
Concen: 23.220 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tot Ion:119 Resp: 616688
Ion Ratio Lower Upper
119 100
91 63.8 30.1 90.3
134 23.5 11.6 34.7

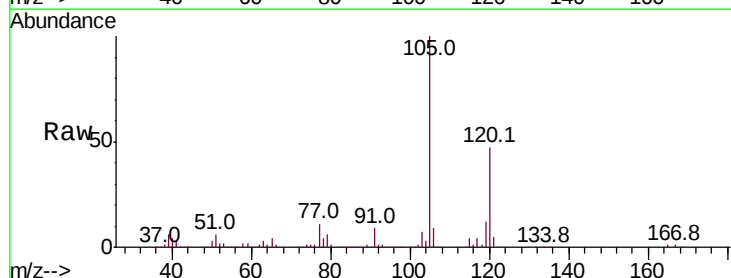


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

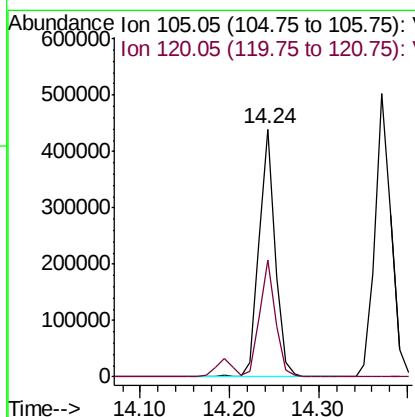
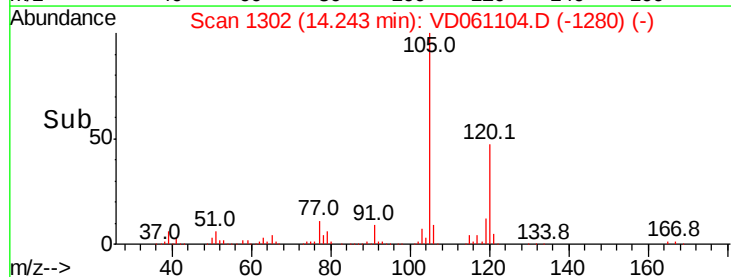


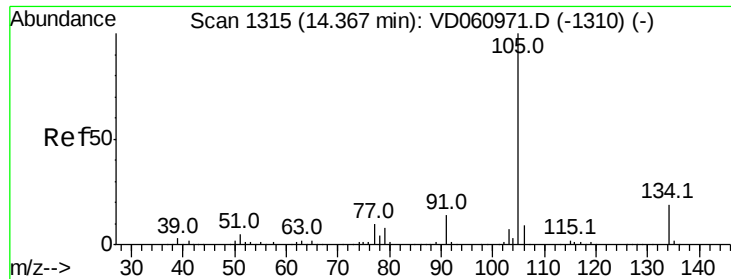
#84
1,2,4-Trimethylbenzene
Concen: 22.461 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tgt Ion:105 Resp: 545080
Ion Ratio Lower Upper
105 100
120 47.5 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: 19.180 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD061104.D

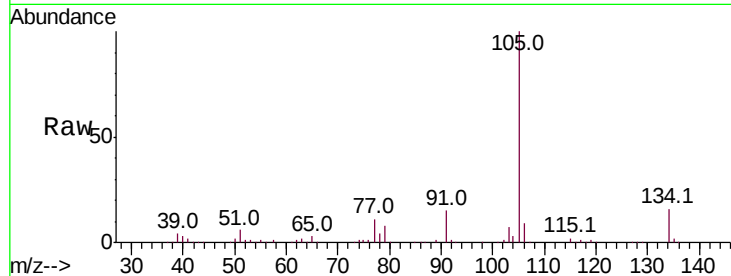
Acq: 16 Mar 2019 12:51

Tot Ion:105 Resp: 621889

Ion Ratio Lower Upper

105 100

134 16.2 9.4 28.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.37

500000

400000

300000

200000

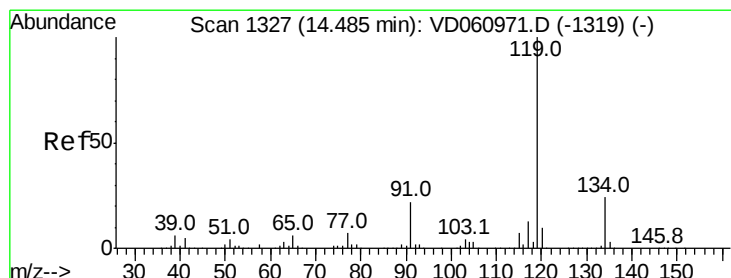
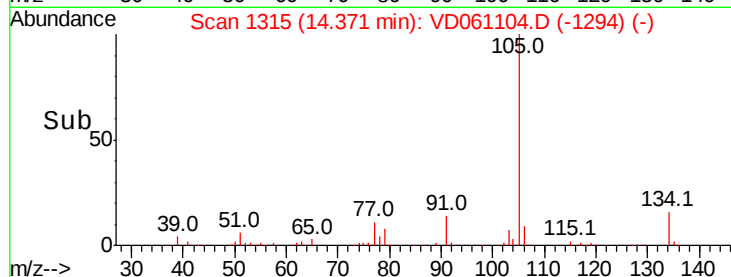
100000

0

14.30

14.40

Time-->



#86

p-Isopropyltoluene

Concen: 22.936 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. 0.01 min

Lab File: VD061104.D

Acq: 16 Mar 2019 12:51

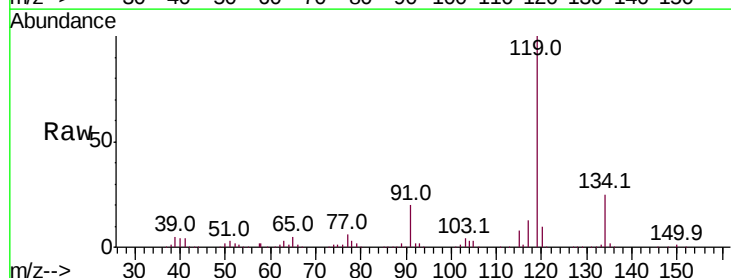
Tgt Ion:119 Resp: 607856

Ion Ratio Lower Upper

119 100

134 25.0 12.0 36.1

91 20.4 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

14.50

600000

500000

400000

300000

200000

100000

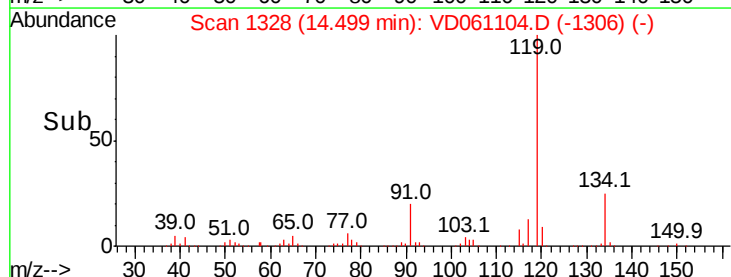
0

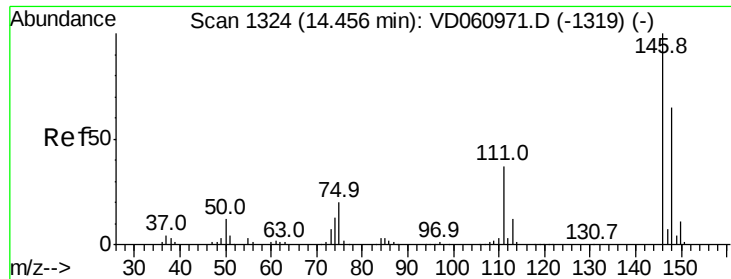
14.40

14.50

14.60

Time-->

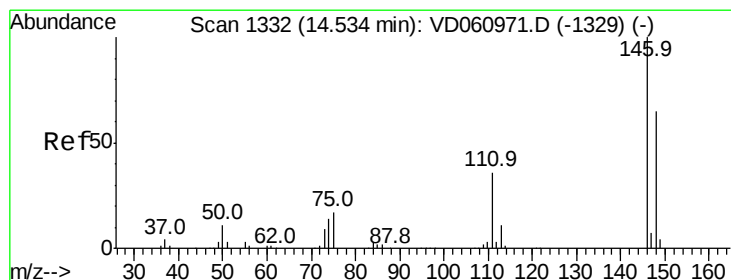
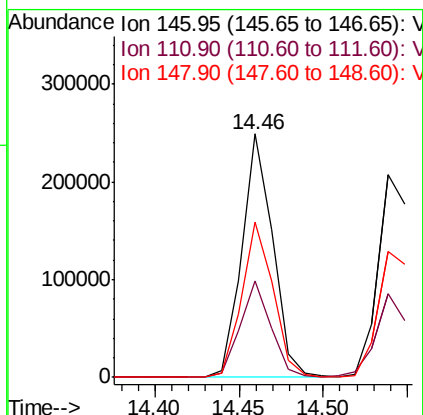
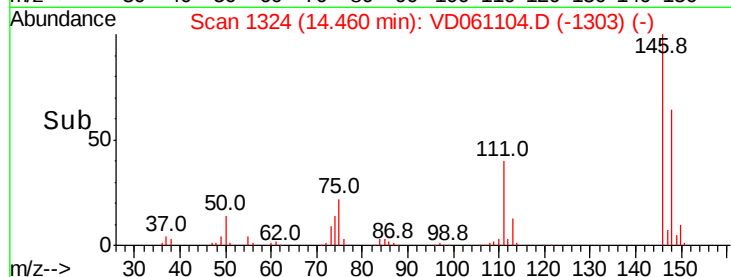
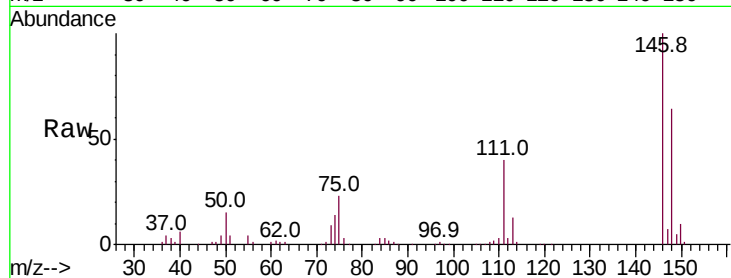




#87
 1,3-Dichlorobenzene
 Concen: 21.746 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

Tot Ion:146 Resp: 316873

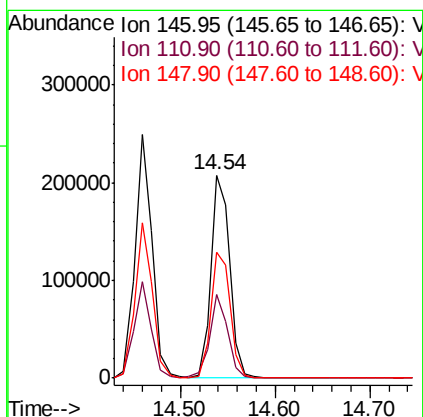
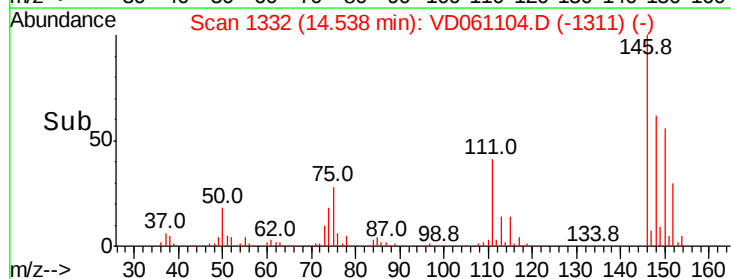
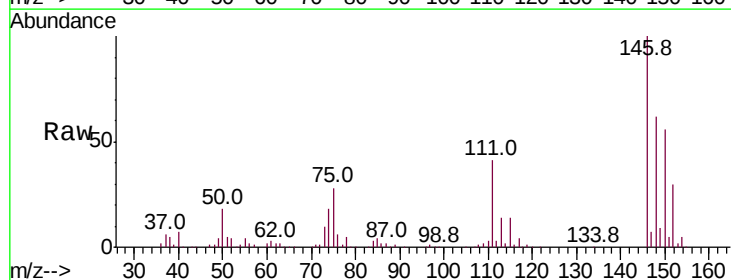
Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.4	55.4
148	63.5	32.5	97.4

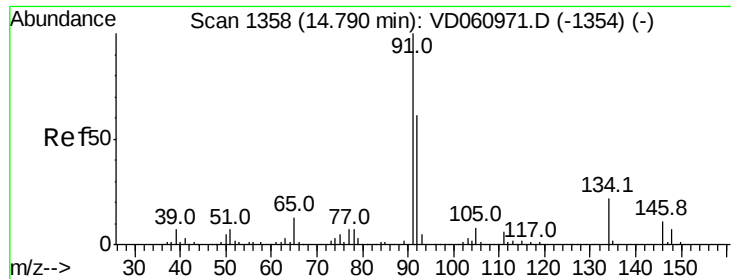


#88
 1,4-Dichlorobenzene
 Concen: 20.169 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

Tgt Ion:146 Resp: 288796

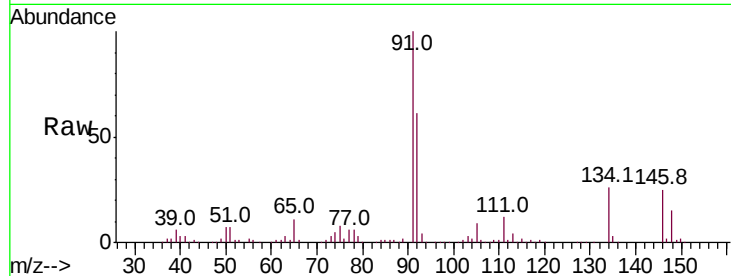
Ion	Ratio	Lower	Upper
146	100		
111	40.9	18.4	55.2
148	61.9	32.5	97.5





#89
n-Butylbenzene
Concen: 20.304 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

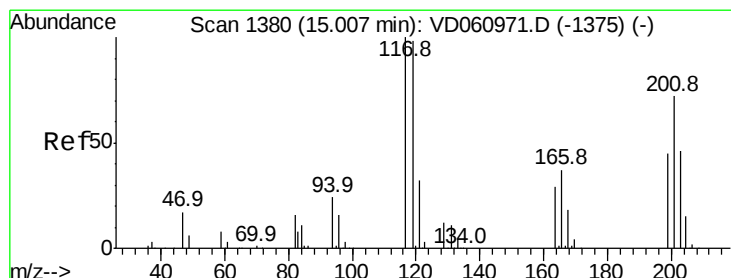
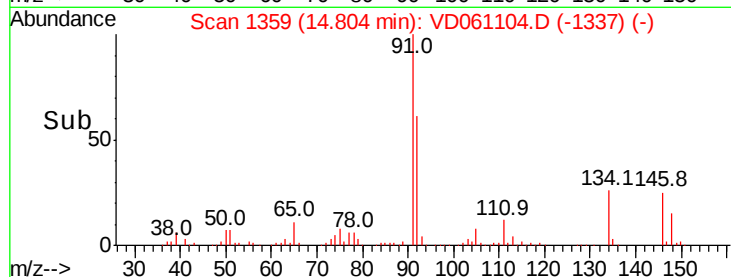
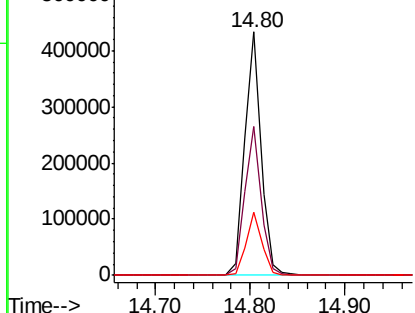
Tot Ion	Ratio	Lower	Upper
91	100		
92	61.0	30.6	91.8
134	26.2	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): V

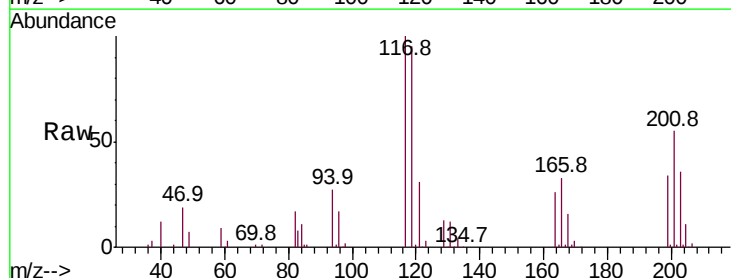
Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



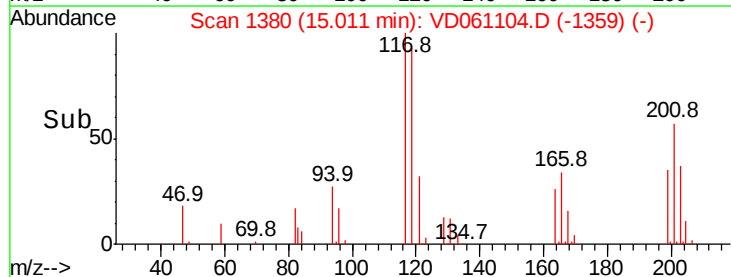
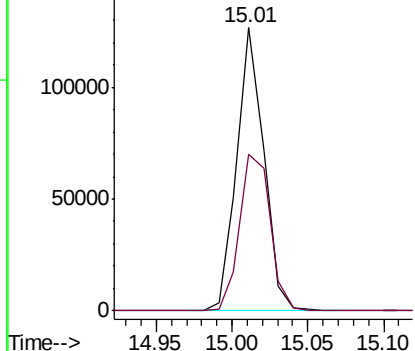
#90
Hexachloroethane
Concen: 20.975 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

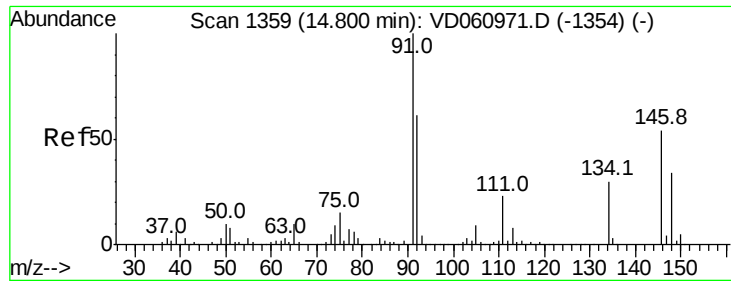
Tgt Ion	Ratio	Lower	Upper
117	100		
201	55.4	36.2	108.6



Abundance Ion 116.85 (116.55 to 117.55): V

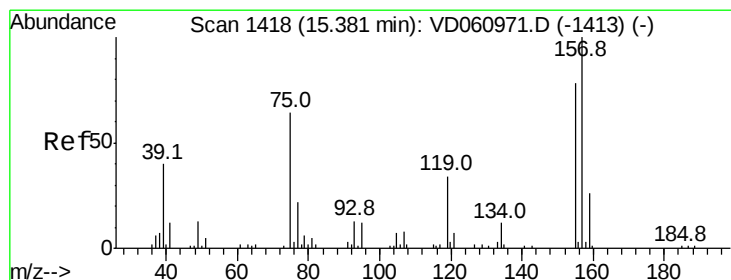
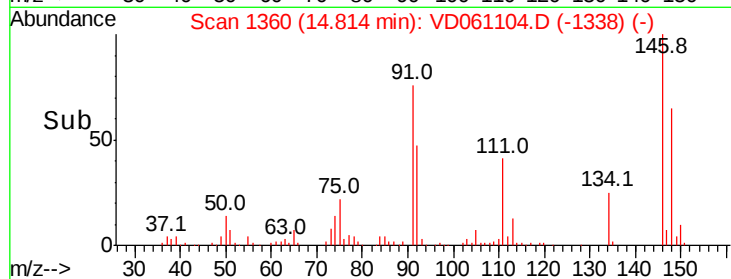
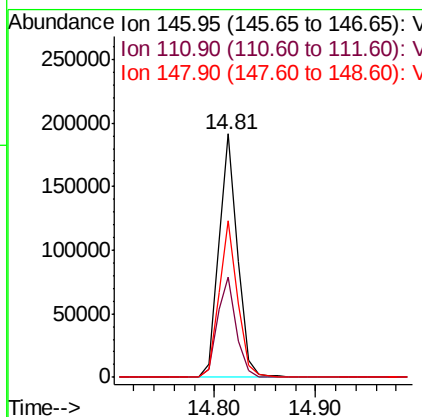
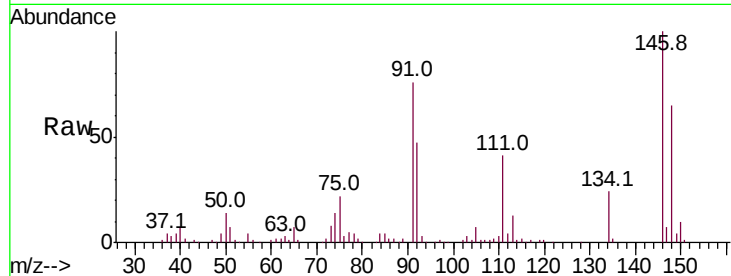
Ion 200.75 (200.45 to 201.45): V





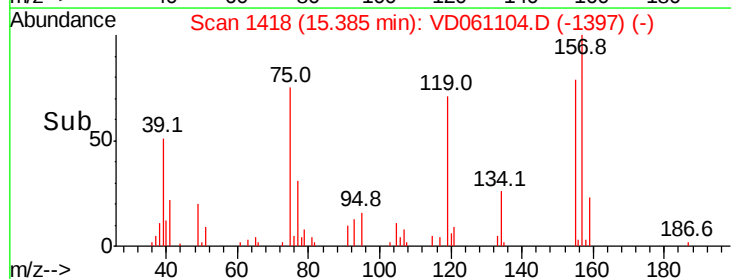
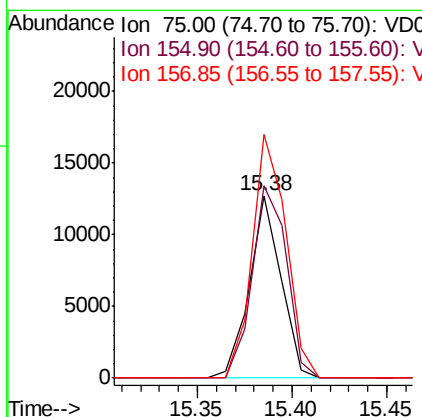
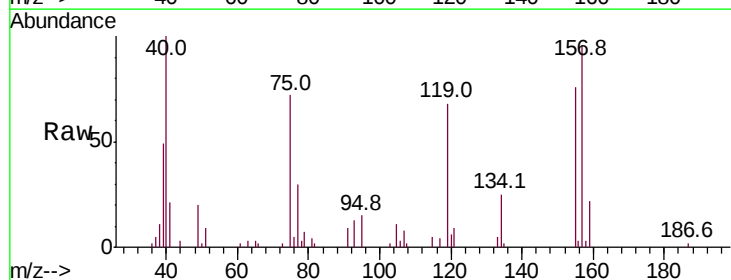
#91
 1,2-Dichlorobenzene
 Concen: 20.452 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

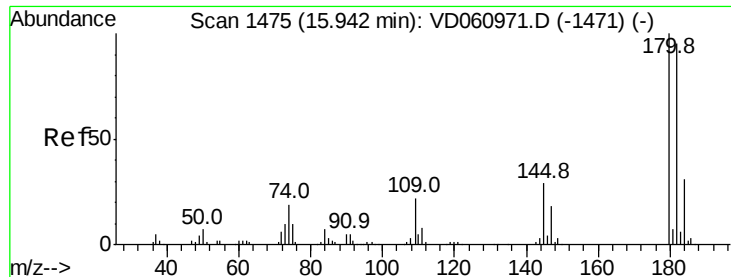
Tot Ion:146 Resp: 248439
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.5 64.5
 148 64.5 30.9 92.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.709 ug/l
 RT: 15.38 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

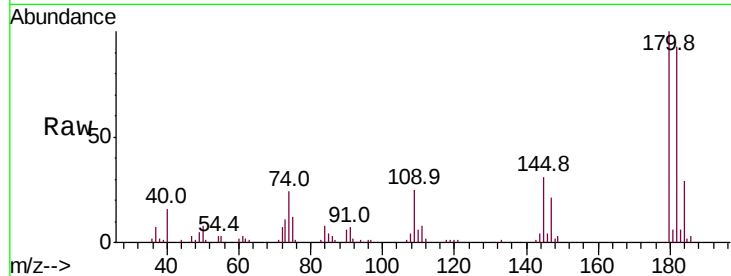
Tgt Ion: 75 Resp: 14813
 Ion Ratio Lower Upper
 75 100
 155 105.2 61.2 183.5
 157 133.4 78.3 234.8



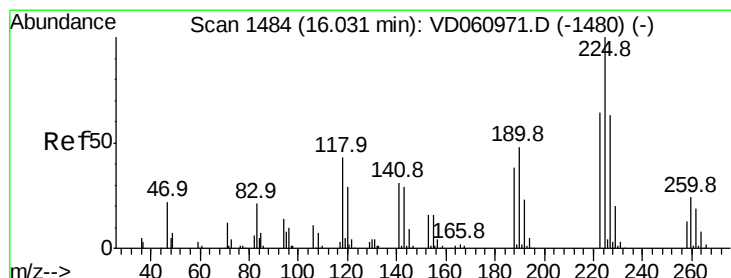
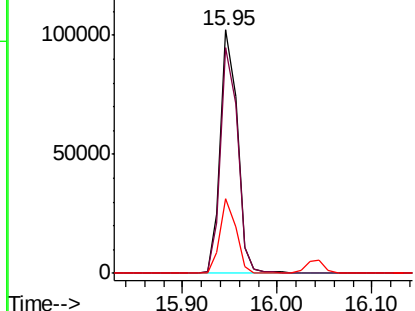
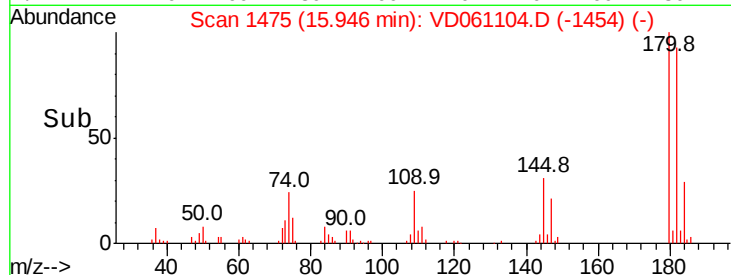


#93
 1,2,4-Trichlorobenzene
 Concen: 22.891 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.3	142.0
145	30.9	14.4	43.0

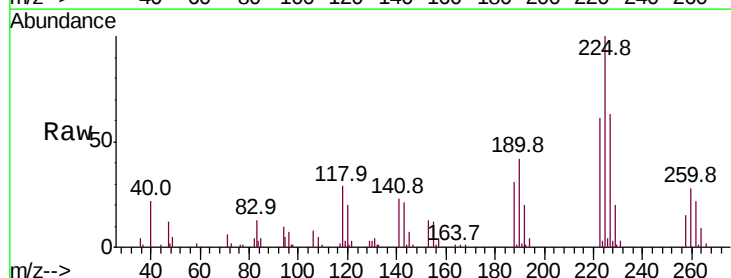


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

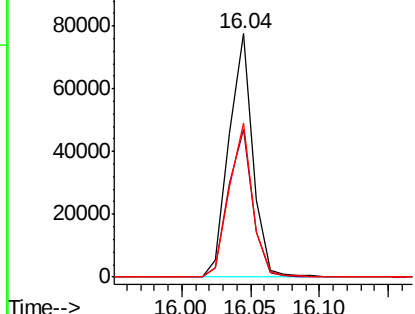
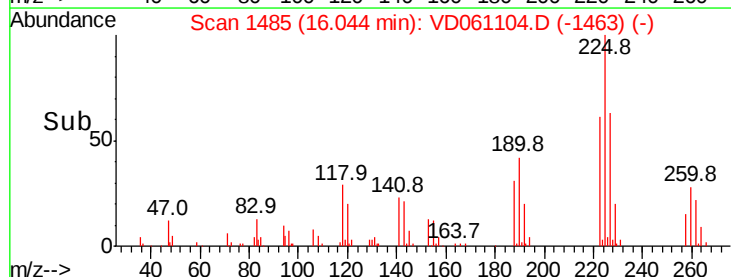


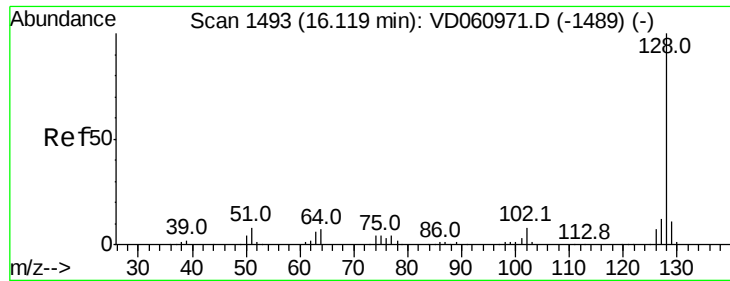
#94
 Hexachlorobutadiene
 Concen: 21.831 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: VD061104.D
 Acq: 16 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	31.8	95.3
227	63.1	31.4	94.0



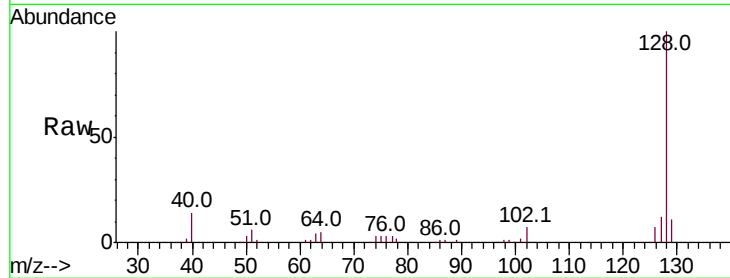
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V



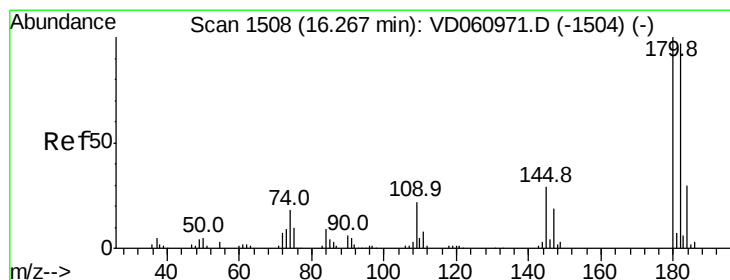
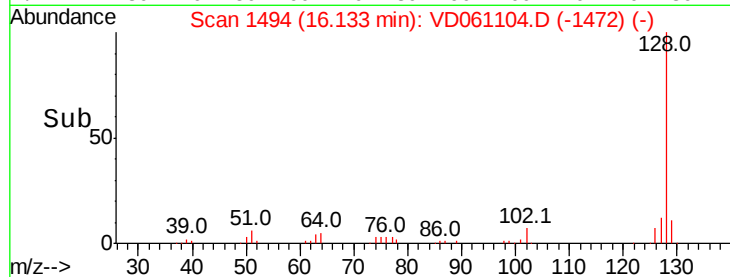
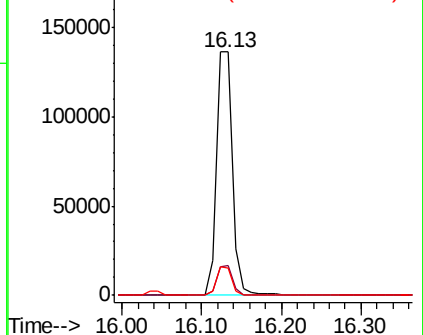


#95
Naphthalene
Concen: 22.678 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tot Ion:128 Resp: 194204
Ion Ratio Lower Upper
128 100
127 12.0 9.8 14.8
129 11.1 8.5 12.7

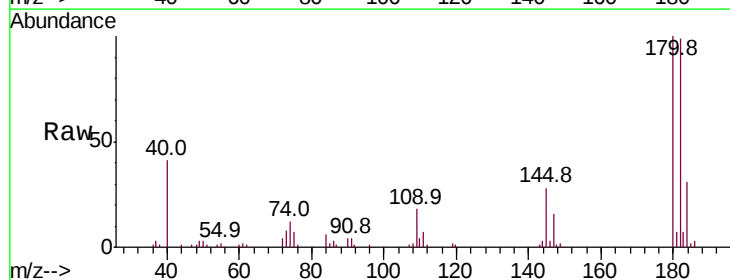


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 22.494 ug/l
RT: 16.28 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VD061104.D
Acq: 16 Mar 2019 12:51

Tgt Ion:180 Resp: 62606
Ion Ratio Lower Upper
180 100
182 99.5 48.6 145.8
145 28.3 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

