

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
 Data File : VD061126.D
 Acq On : 17 Mar 2019 00:48
 Operator : VA/AP
 Sample : VD0316SBS02
 Misc : 6.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 18 02:31:03 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	7.05	168	651286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1105255	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	884123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	362034	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	246946	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
35) Dibromofluoromethane	6.92	113	408327	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	10.41	98	961465	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
62) 4-Bromofluorobenzene	13.55	95	347280	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.59	85	127306	19.733	ug/l 98
3) Chloromethane	1.76	50	97979	18.231	ug/l 97
4) Vinyl Chloride	1.85	62	97993	19.733	ug/l 98
5) Bromomethane	2.15	94	18170	17.929	ug/l # 83
6) Chloroethane	2.27	64	27512	18.509	ug/l # 86
7) Trichlorofluoromethane	2.53	101	138360	19.395	ug/l 97
8) Diethyl Ether	2.88	74	48953	20.801	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	3.15	101	151367	18.979	ug/l 94
10) Methyl Iodide	3.31	142	210537	20.977	ug/l 97
11) Tert butyl alcohol	4.08	59	31725	91.923	ug/l # 95
12) 1,1-Dichloroethene	3.12	96	125845	19.249	ug/l 95
13) Acrolein	3.04	56	30170	60.417	ug/l 94
14) Allyl chloride	3.63	41	209175	19.997	ug/l 99
15) Acrylonitrile	4.20	53	125402	102.807	ug/l 98
16) Acetone	3.22	43	129325	83.422	ug/l 94
17) Carbon Disulfide	3.38	76	412695	18.714	ug/l 99
18) Methyl Acetate	3.65	43	63026	20.658	ug/l # 86
19) Methyl tert-butyl Ether	4.24	73	239331	20.889	ug/l 99
20) Methylene Chloride	3.82	84	161328	20.028	ug/l 92
21) trans-1,2-Dichloroethene	4.23	96	142650	20.160	ug/l 98
22) Diisopropyl ether	5.11	45	421367	19.405	ug/l 90
23) Vinyl Acetate	5.05	43	1108907	99.482	ug/l 99
24) 1,1-Dichloroethane	4.98	63	240964	20.254	ug/l 99
25) 2-Butanone	6.07	43	164896	93.739	ug/l 99
26) 2,2-Dichloropropane	6.03	77	173074	18.635	ug/l 98
27) cis-1,2-Dichloroethene	6.04	96	154042	20.518	ug/l 94
28) Bromochloromethane	6.44	49	95138	18.889	ug/l 89
29) Tetrahydrofuran	6.46	42	93720	98.117	ug/l 95
30) Chloroform	6.67	83	256589	20.809	ug/l 97
31) Cyclohexane	6.95	56	195691	20.399	ug/l 96
32) 1,1,1-Trichloroethane	6.87	97	215060	20.174	ug/l 98
36) 1,1-Dichloropropene	7.15	75	185996	19.523	ug/l 98
37) Ethyl Acetate	6.18	43	92389	20.665	ug/l 97
38) Carbon Tetrachloride	7.11	117	212118	20.212	ug/l 97

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 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

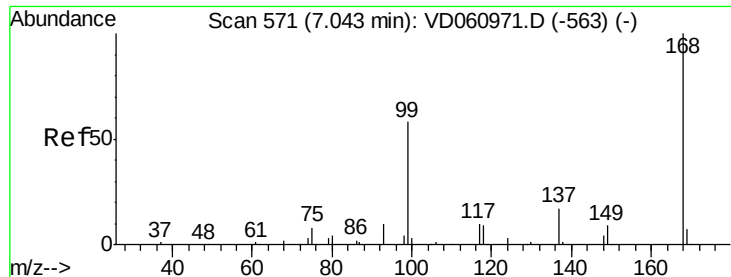
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	182790	18.503	ug/l	99
40) Benzene	7.46	78	459529	19.303	ug/l	99
41) Methacrylonitrile	6.44	41	102873	20.005	ug/l	97
42) 1,2-Dichloroethane	7.57	62	144563	20.926	ug/l	100
43) Isopropyl Acetate	9.24	43	121019	19.544	ug/l #	99
44) Trichloroethene	8.54	130	165581	20.161	ug/l	100
45) 1,2-Dichloropropane	8.94	63	118449	18.939	ug/l	99
46) Dibromomethane	9.06	93	81298	20.492	ug/l	95
47) Bromodichloromethane	9.38	83	172655	19.286	ug/l	99
48) Methyl methacrylate	9.12	41	68710	19.708	ug/l	93
49) 1,4-Dioxane	9.08	88	14890	422.365	ug/l #	90
51) 4-Methyl-2-Pentanone	10.29	43	376538	99.259	ug/l	97
52) Toluene	10.51	92	303977	20.534	ug/l	95
53) t-1,3-Dichloropropene	10.91	75	170375	20.813	ug/l	97
54) cis-1,3-Dichloropropene	10.03	75	194847	19.810	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	108635	22.036	ug/l	99
56) Ethyl methacrylate	11.04	69	108083	20.946	ug/l	96
57) 1,3-Dichloropropane	11.40	76	157733	21.410	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	252790	92.550	ug/l	96
59) 2-Hexanone	11.53	43	269815	97.234	ug/l	98
60) Dibromochloromethane	11.68	129	154606	21.309	ug/l	98
61) 1,2-Dibromoethane	11.80	107	121825	21.243	ug/l	100
64) Tetrachloroethene	11.26	164	138971	23.285	ug/l	97
65) Chlorobenzene	12.40	112	398016	22.964	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	135361	21.909	ug/l	96
67) Ethyl Benzene	12.52	91	554718	21.497	ug/l	100
68) m/p-Xylenes	12.66	106	459372	45.357	ug/l	99
69) o-Xylene	13.05	106	213792	21.475	ug/l	98
70) Styrene	13.07	104	317353	19.522	ug/l	97
71) Bromoform	13.23	173	86415	21.682	ug/l	98
73) Isopropylbenzene	13.40	105	545848	20.921	ug/l	99
74) N-amyl acetate	13.26	43	151982	20.687	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	111411	21.886	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	116717	22.409	ug/l	99
77) Bromobenzene	13.67	156	141789	21.289	ug/l	94
78) n-propylbenzene	13.77	91	660311	21.618	ug/l	100
79) 2-Chlorotoluene	13.83	91	373679	22.222	ug/l	99
80) 1,3,5-Trimethylbenzene	14.24	105	455805	23.012	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	32586	21.221	ug/l	99
82) 4-Chlorotoluene	13.94	91	438218	22.043	ug/l	98
83) tert-Butylbenzene	14.19	119	540563	24.937	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	455805	23.012	ug/l	97
85) sec-Butylbenzene	14.37	105	559514	21.143	ug/l	96
86) p-Isopropyltoluene	14.48	119	484710	22.408	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	265557	22.329	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	236077	20.200	ug/l	99
89) n-Butylbenzene	14.80	91	435968	20.988	ug/l	95
90) Hexachloroethane	15.01	117	136290	22.313	ug/l	88
91) 1,2-Dichlorobenzene	14.81	146	223608	22.553	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	12182	19.859	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	104909	22.809	ug/l	98
94) Hexachlorobutadiene	16.04	225	73255	21.057	ug/l	98
95) Naphthalene	16.12	128	176264	25.219	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	54261	23.886	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061126.D

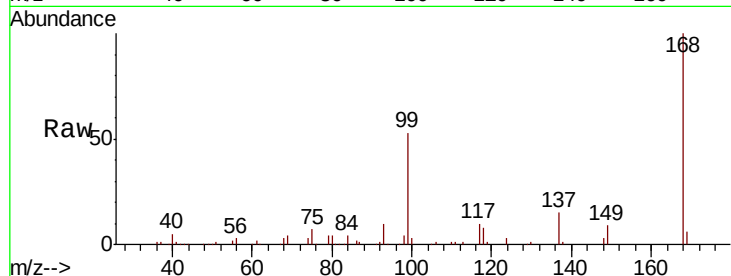
Acq: 17 Mar 2019 00:48

Tgt Ion: 168 Resp: 651286

Ion Ratio Lower Upper

168 100

99 53.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

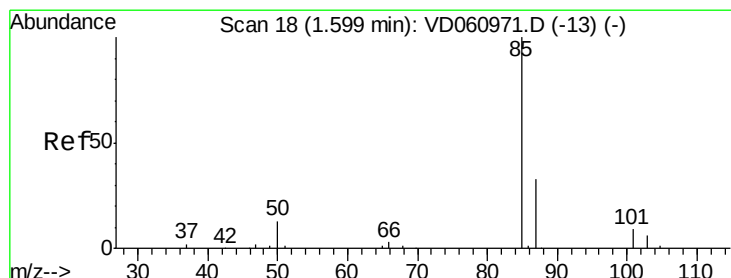
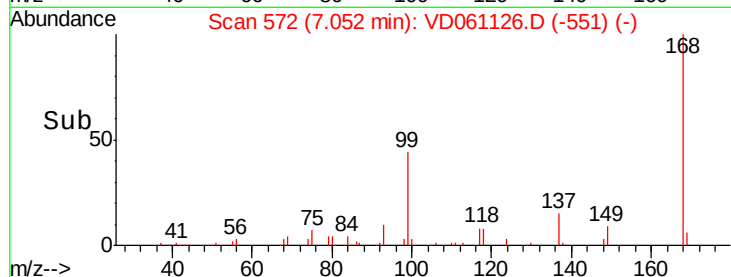
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 19.733 ug/l

RT: 1.59 min Scan# 17

Delta R.T. -0.01 min

Lab File: VD061126.D

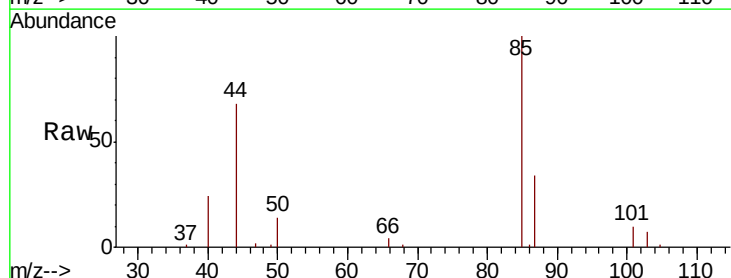
Acq: 17 Mar 2019 00:48

Tgt Ion: 85 Resp: 127306

Ion Ratio Lower Upper

85 100

87 34.2 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.59

50000

40000

30000

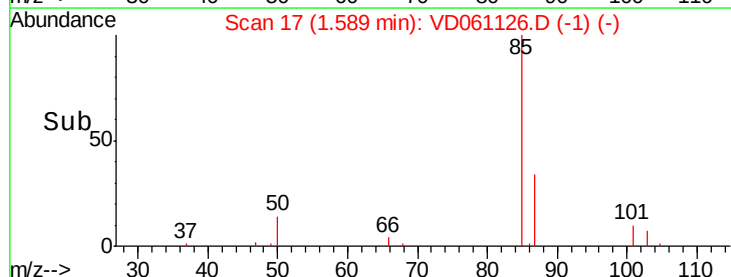
20000

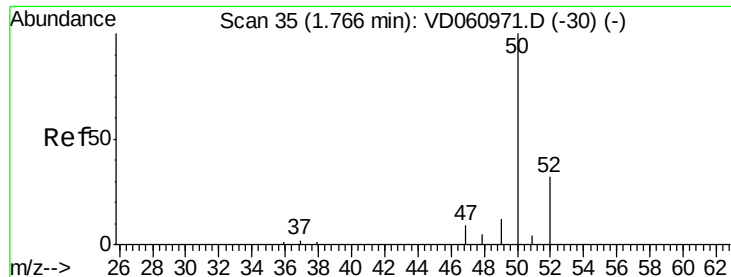
10000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 18.231 ug/l

RT: 1.76 min Scan# 34

Delta R.T. -0.01 min

Lab File: VD061126.D

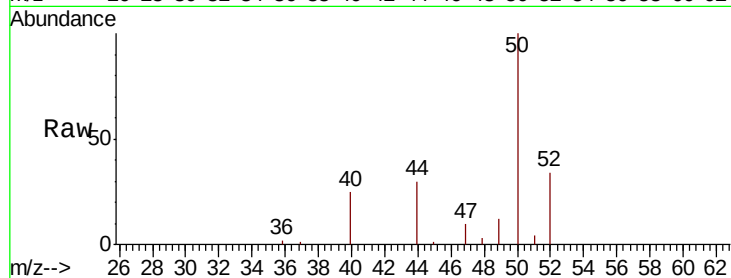
Acq: 17 Mar 2019 00:48

Tgt Ion: 50 Resp: 97979

Ion Ratio Lower Upper

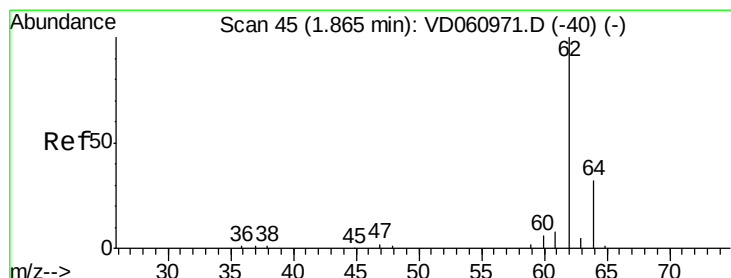
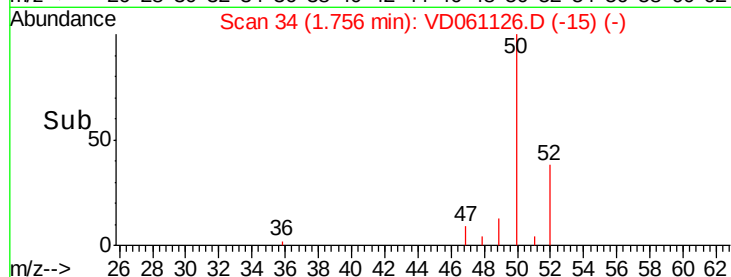
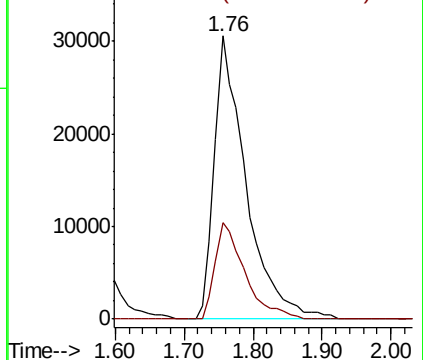
50 100

52 34.1 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: 19.733 ug/l

RT: 1.85 min Scan# 44

Delta R.T. -0.01 min

Lab File: VD061126.D

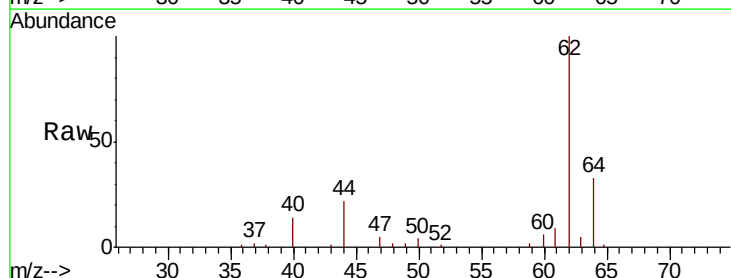
Acq: 17 Mar 2019 00:48

Tgt Ion: 62 Resp: 97993

Ion Ratio Lower Upper

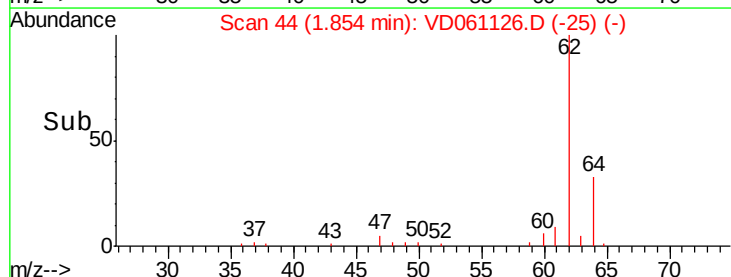
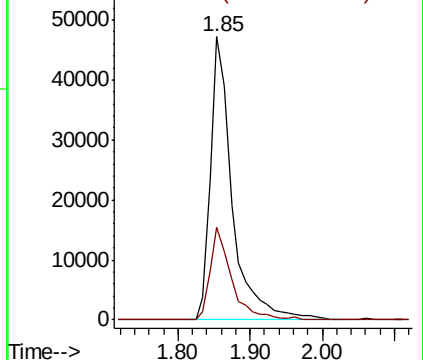
62 100

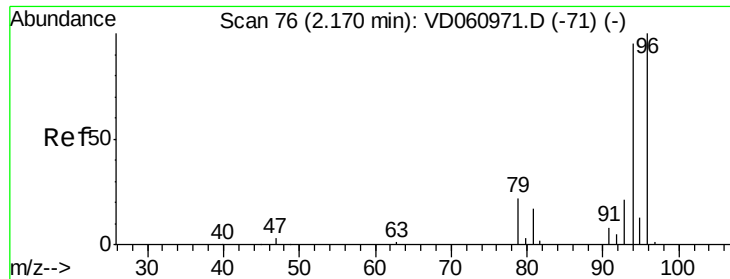
64 32.5 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 17.929 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.02 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

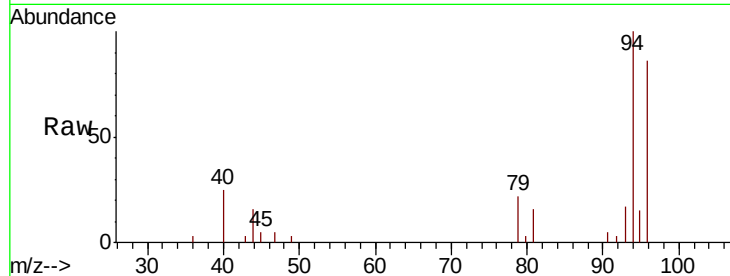
Tgt Ion: 94 Resp: 18170

Ion Ratio Lower Upper

94 100

96 85.7 84.0 126.0

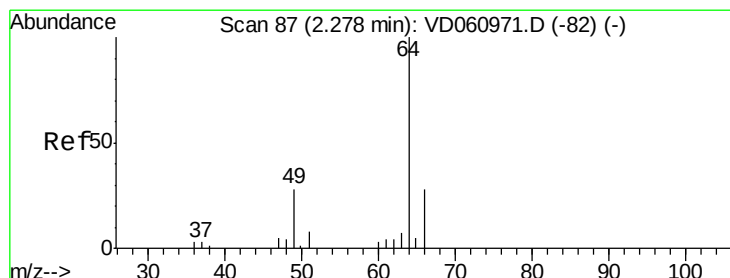
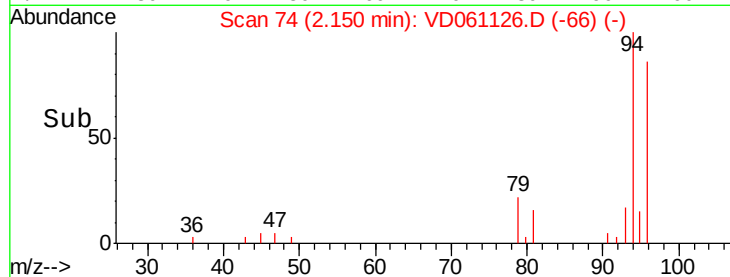
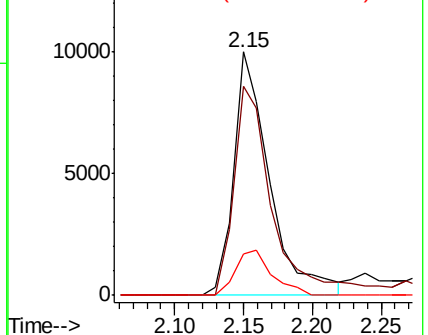
93 17.2 17.3 25.9#



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: 18.509 ug/l

RT: 2.27 min Scan# 86

Delta R.T. -0.01 min

Lab File: VD061126.D

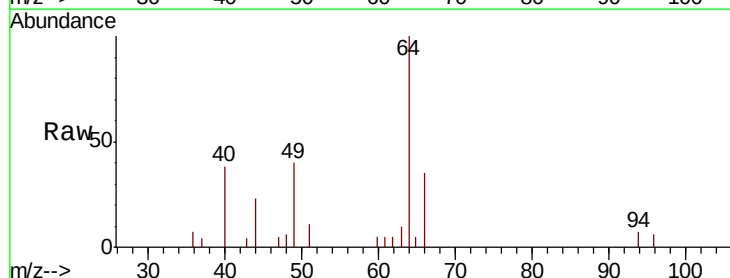
Acq: 17 Mar 2019 00:48

Tgt Ion: 64 Resp: 27512

Ion Ratio Lower Upper

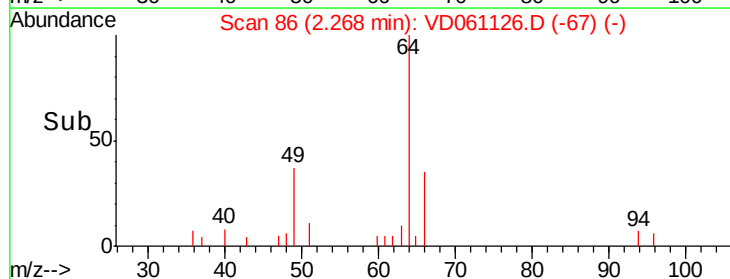
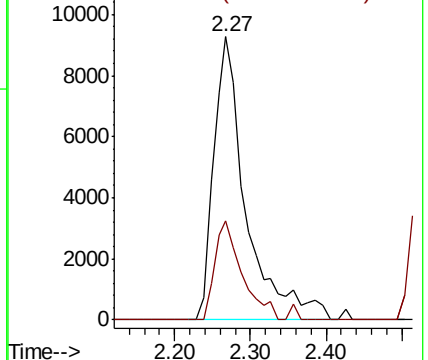
64 100

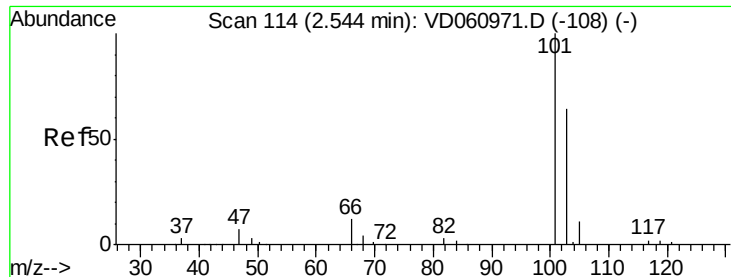
66 34.9 22.2 33.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

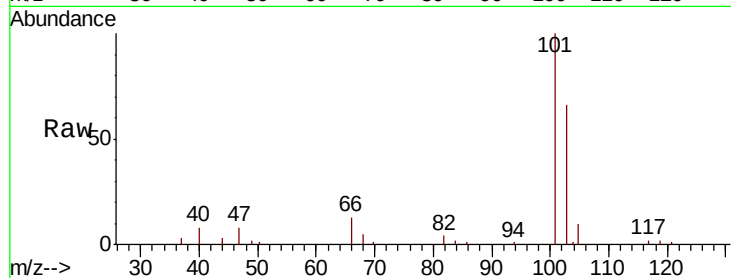




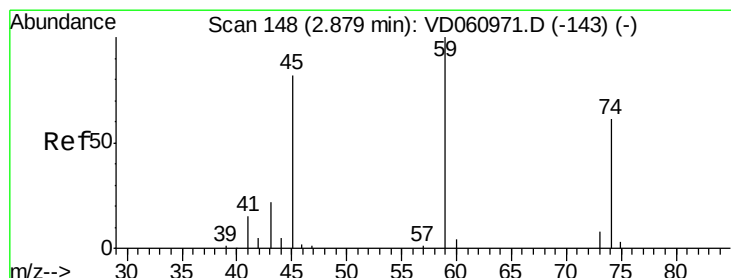
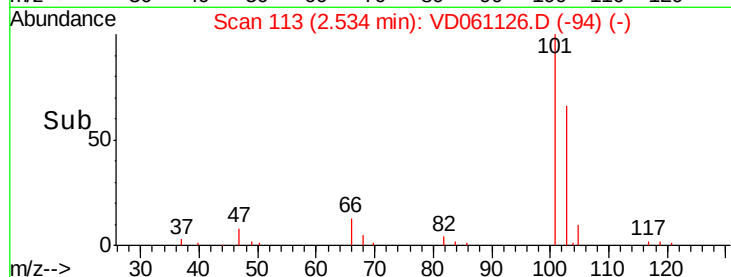
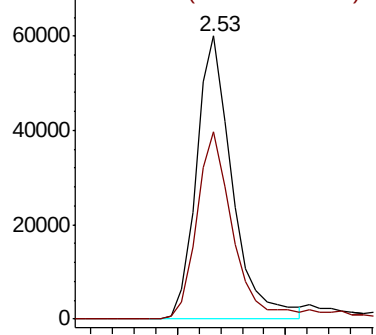
#7

Trichlorofluoromethane
 Concen: 19.395 ug/l
 RT: 2.53 min Scan# 113
 Delta R.T. -0.01 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 101 Resp: 138360
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.2 76.8



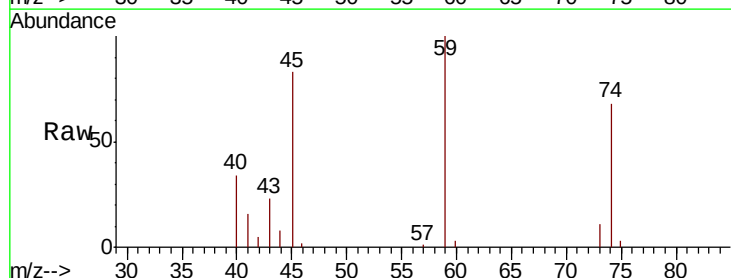
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



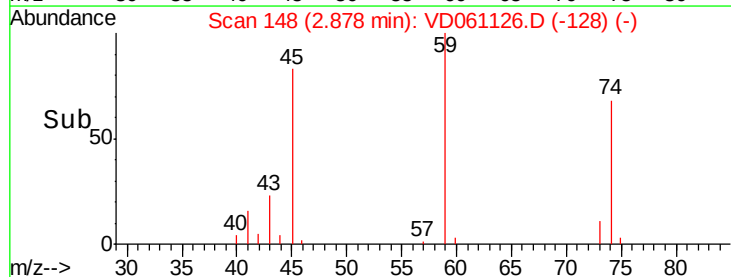
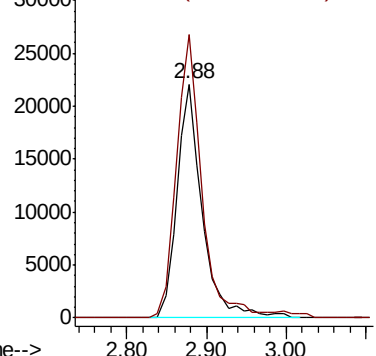
#8

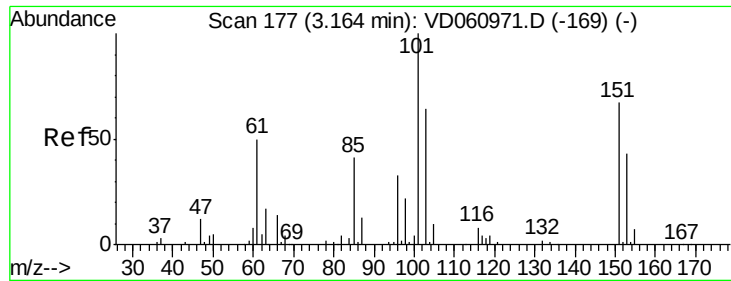
Diethyl Ether
 Concen: 20.801 ug/l
 RT: 2.88 min Scan# 148
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 74 Resp: 48953
 Ion Ratio Lower Upper
 74 100
 45 120.9 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: 18.979 ug/l

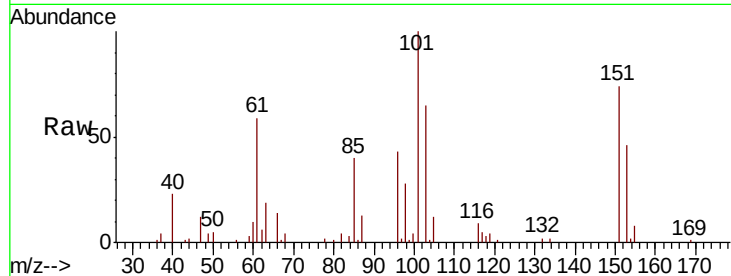
RT: 3.15 min Scan# 176

Delta R.T. -0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

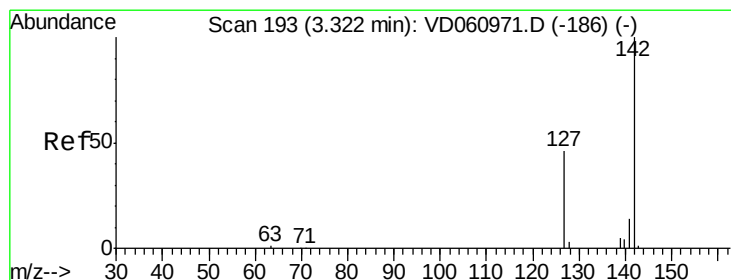
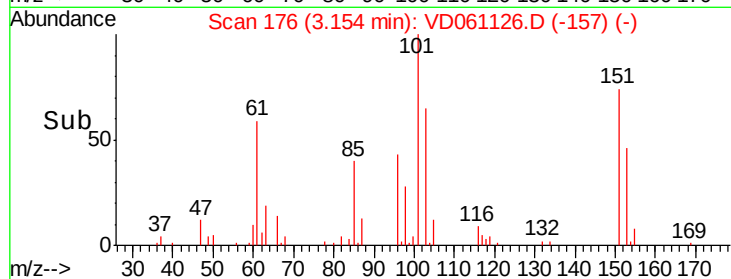
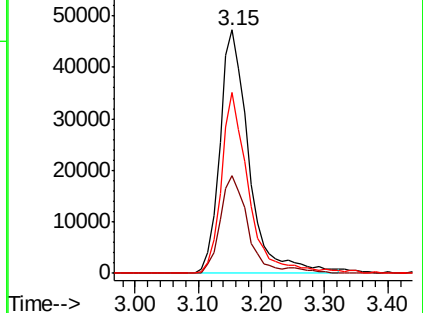
Tgt Ion:	101	Resp:	151367
Ion	Ratio	Lower	Upper
101	100		
85	40.2	32.5	48.7
151	74.4	53.3	79.9



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: 20.977 ug/l

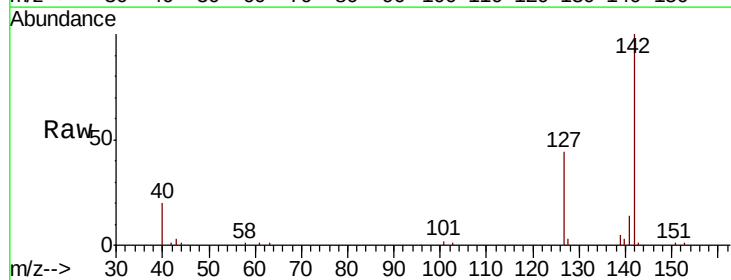
RT: 3.31 min Scan# 192

Delta R.T. -0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

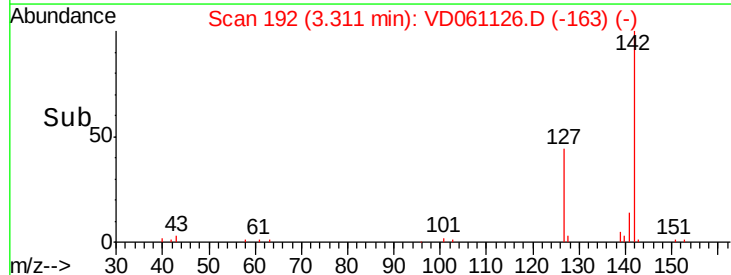
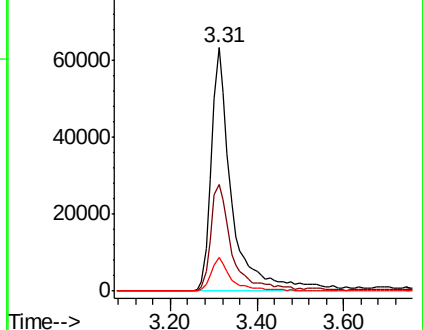
Tgt Ion:	142	Resp:	210537
Ion	Ratio	Lower	Upper
142	100		
127	43.8	36.8	55.2
141	13.8	11.2	16.8

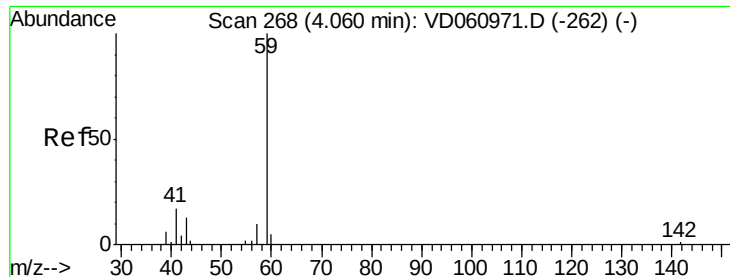


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 91.923 ug/l

RT: 4.08 min Scan# 270

Delta R.T. 0.02 min

Lab File: VD061126.D

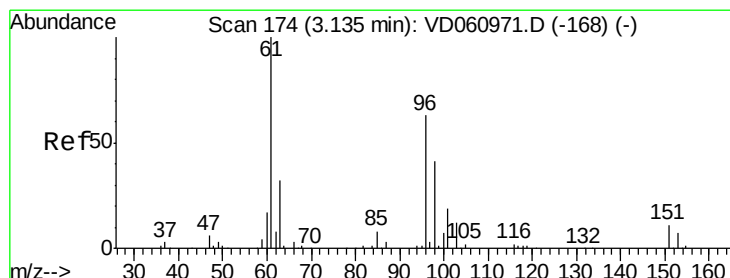
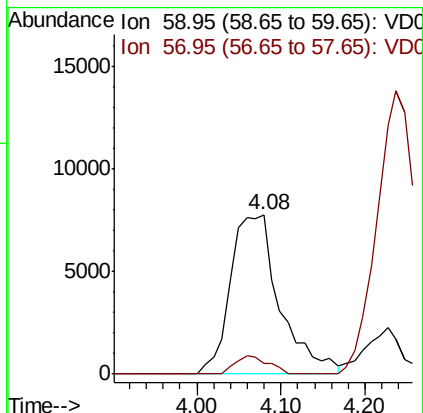
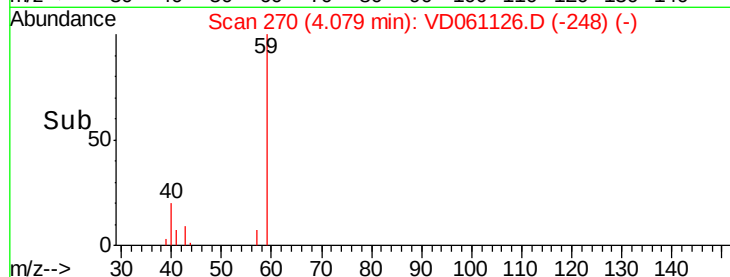
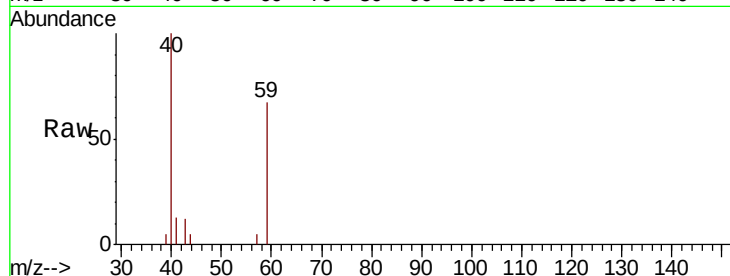
Acq: 17 Mar 2019 00:48

Tgt Ion: 59 Resp: 31725

Ion Ratio Lower Upper

59 100

57 7.0 7.1 10.7#



#12

1,1-Dichloroethene

Concen: 19.249 ug/l

RT: 3.12 min Scan# 173

Delta R.T. -0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

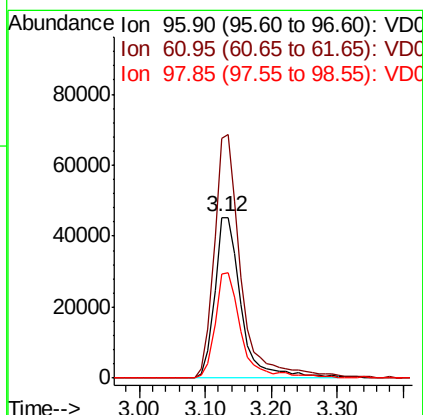
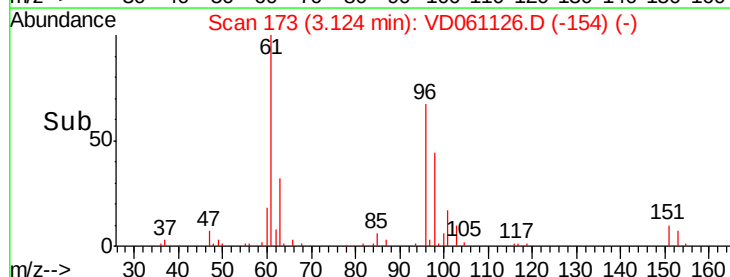
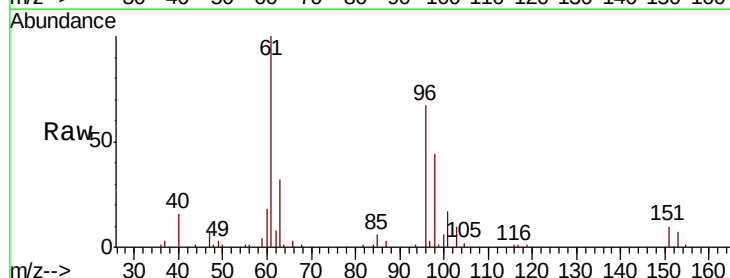
Tgt Ion: 96 Resp: 125845

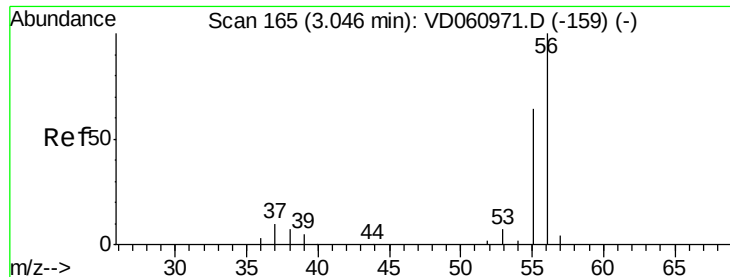
Ion Ratio Lower Upper

96 100

61 149.6 127.1 190.7

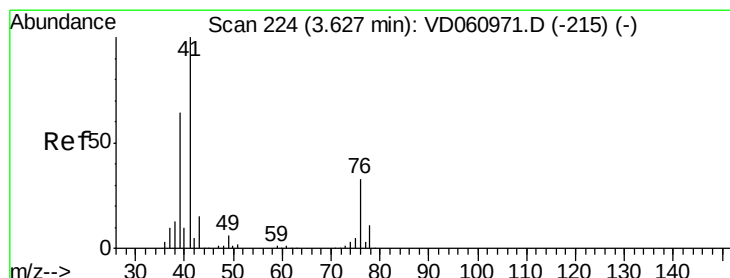
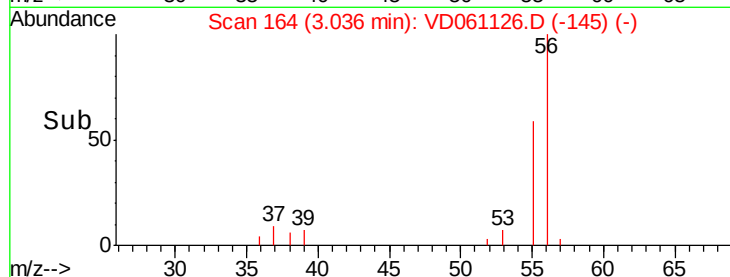
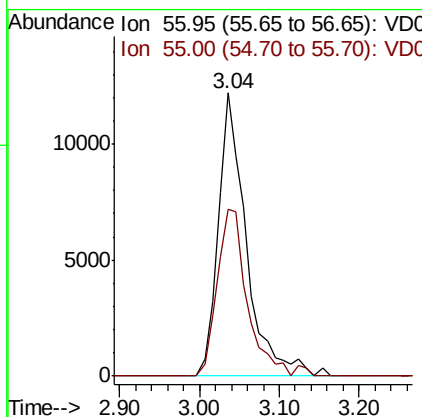
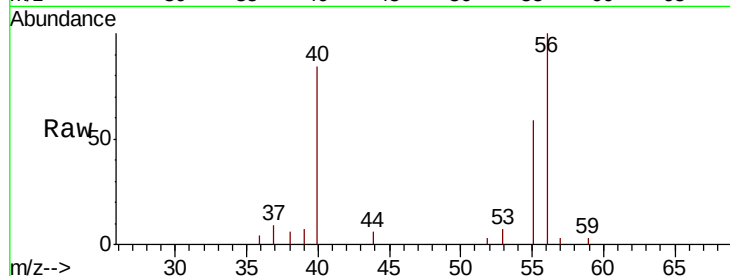
98 65.2 51.5 77.3





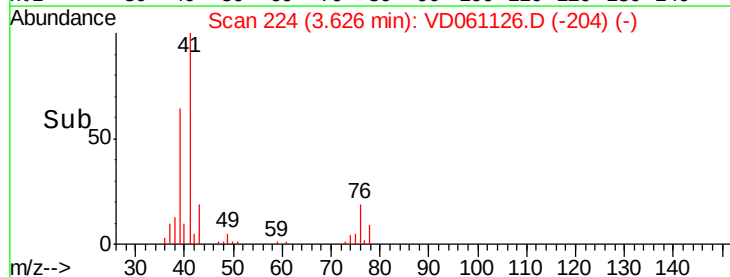
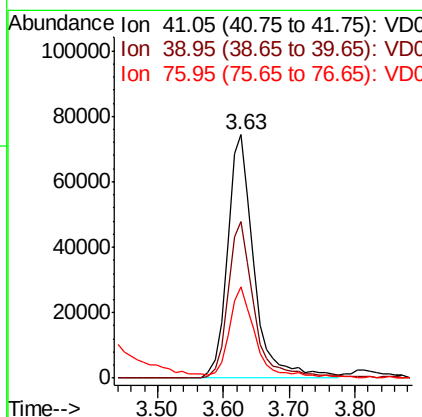
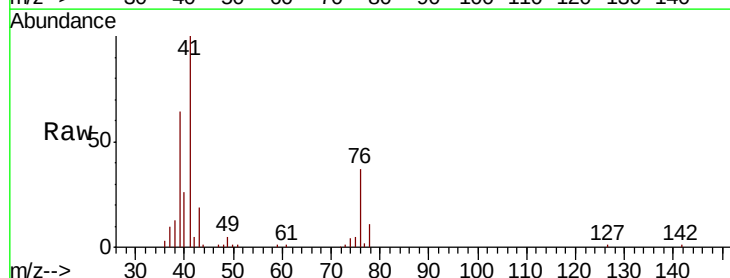
#13
Acrolein
Concen: 60.417 ug/l
RT: 3.04 min Scan# 164
Delta R.T. -0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

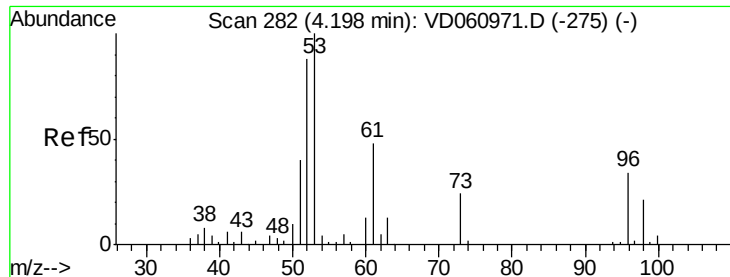
Tgt Ion: 56 Resp: 30170
Ion Ratio Lower Upper
56 100
55 59.1 51.3 76.9



#14
Allyl chloride
Concen: 19.997 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 41 Resp: 209175
Ion Ratio Lower Upper
41 100
39 64.4 51.1 76.7
76 37.3 29.1 43.7





#15

Acrylonitrile

Concen: 102.807 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

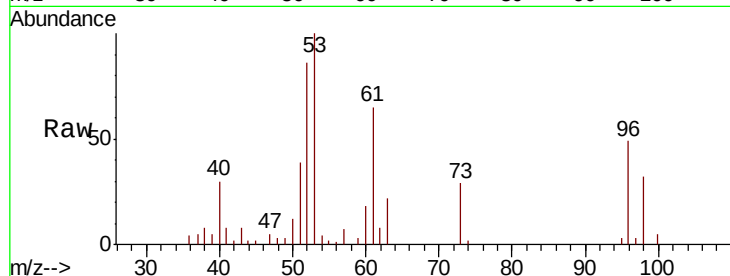
Tgt Ion: 53 Resp: 125402

Ion Ratio Lower Upper

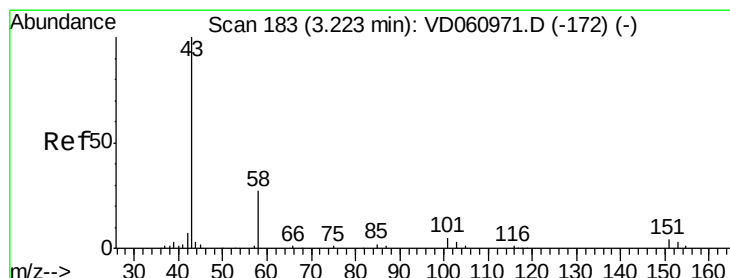
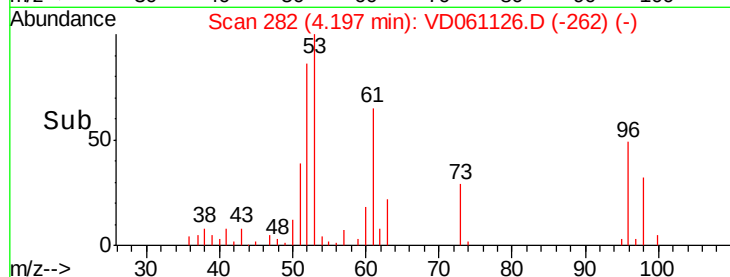
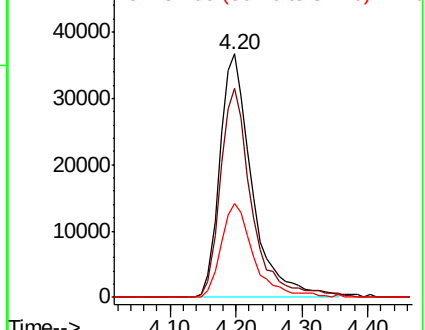
53 100

52 85.7 70.2 105.4

51 38.7 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: 83.422 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061126.D

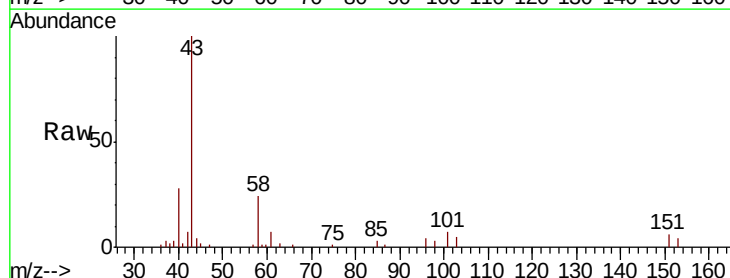
Acq: 17 Mar 2019 00:48

Tgt Ion: 43 Resp: 129325

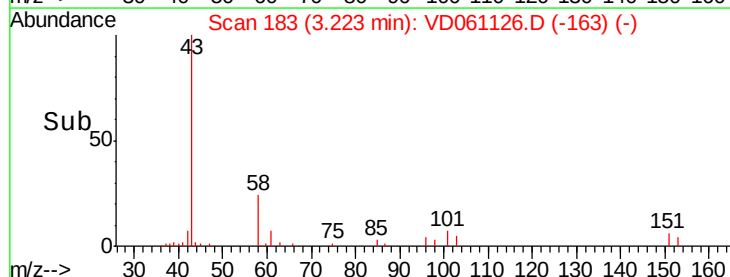
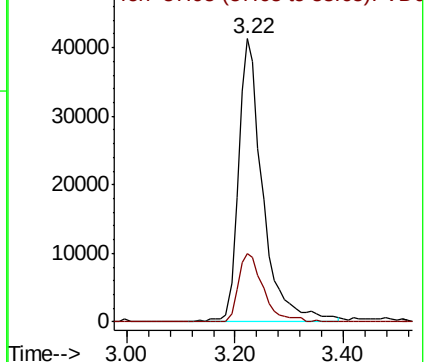
Ion Ratio Lower Upper

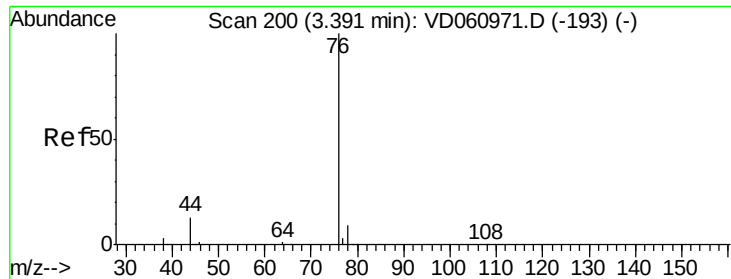
43 100

58 24.0 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: 18.714 ug/l

RT: 3.38 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061126.D

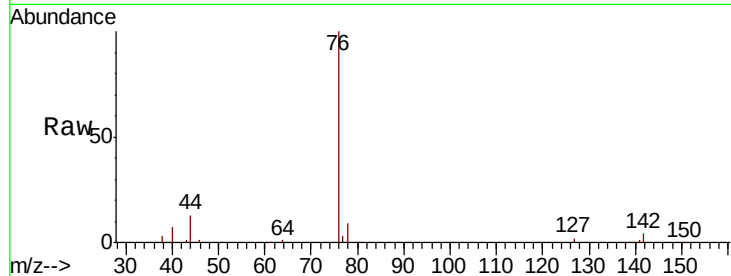
Acq: 17 Mar 2019 00:48

Tgt Ion: 76 Resp: 412695

Ion Ratio Lower Upper

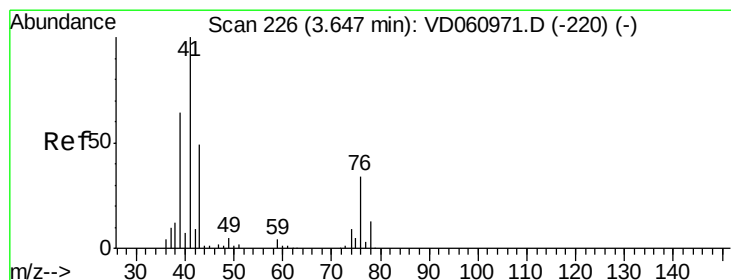
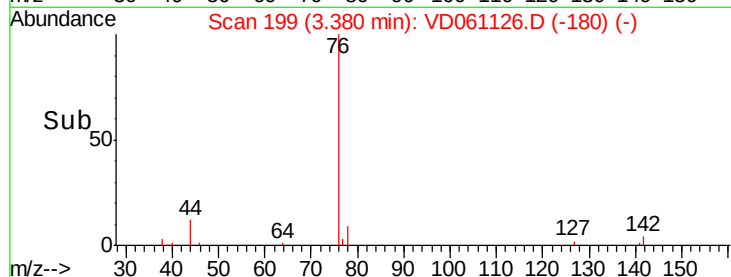
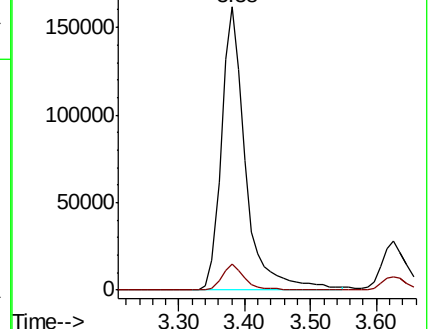
76 100

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: 20.658 ug/l

RT: 3.65 min Scan# 226

Delta R.T. -0.00 min

Lab File: VD061126.D

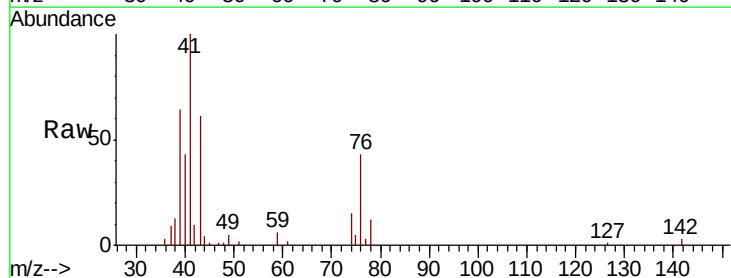
Acq: 17 Mar 2019 00:48

Tgt Ion: 43 Resp: 63026

Ion Ratio Lower Upper

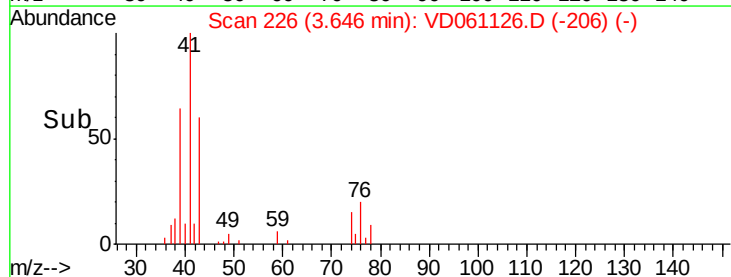
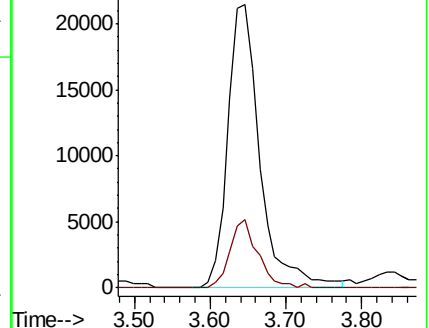
43 100

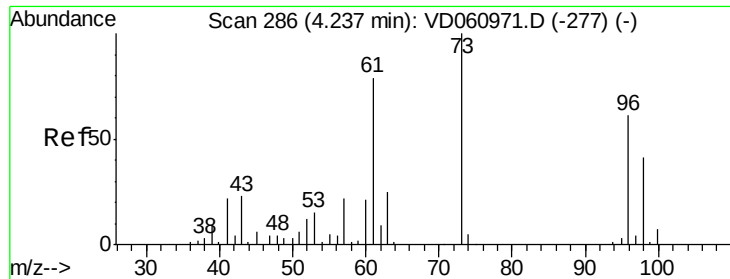
74 24.3 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

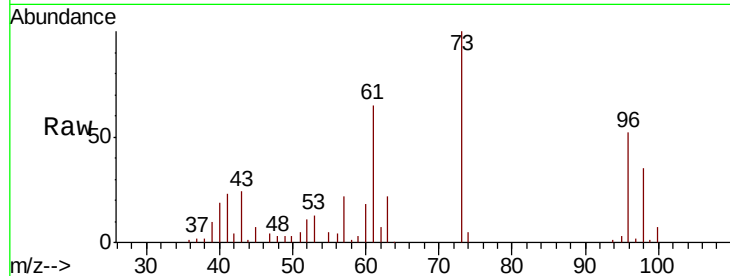




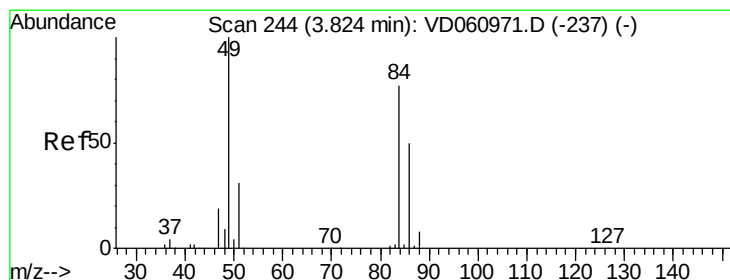
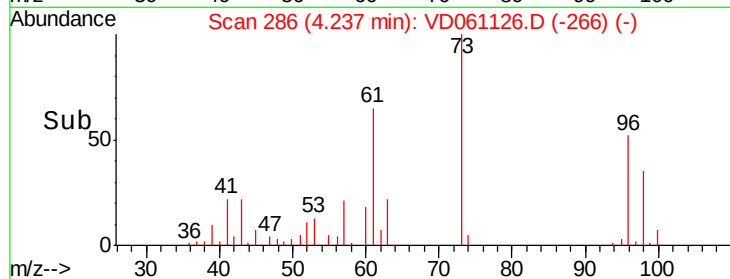
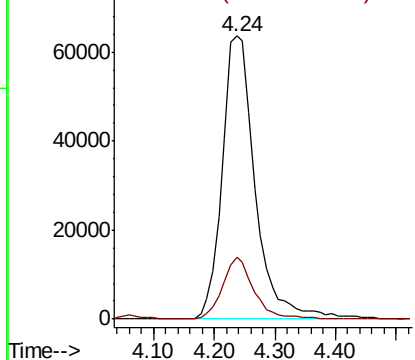
#19

Methyl tert-butyl Ether
 Concen: 20.889 ug/l
 RT: 4.24 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 73 Resp: 239331
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.7 26.5



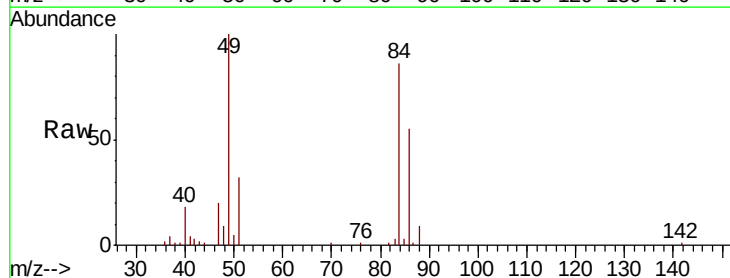
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



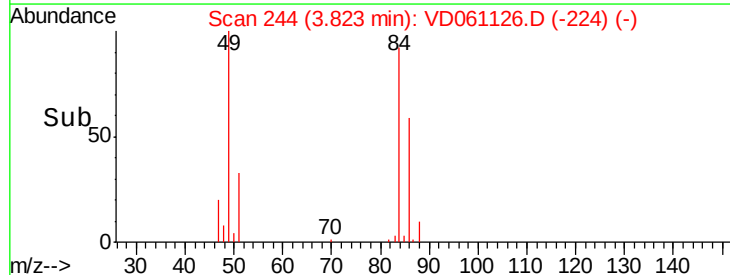
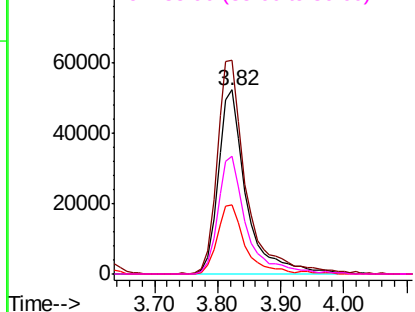
#20

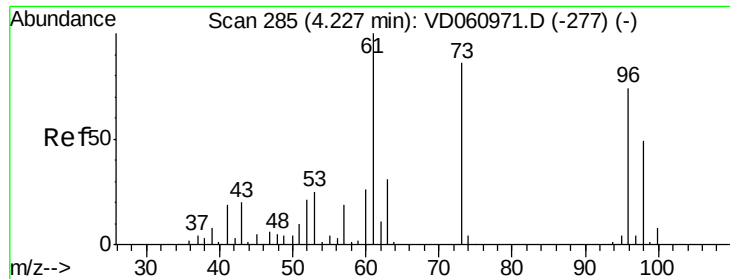
Methylene Chloride
 Concen: 20.028 ug/l
 RT: 3.82 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 84 Resp: 161328
 Ion Ratio Lower Upper
 84 100
 49 116.0 104.2 156.2
 51 37.5 32.3 48.5
 86 64.0 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: 20.160 ug/l

RT: 4.23 min Scan# 285

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

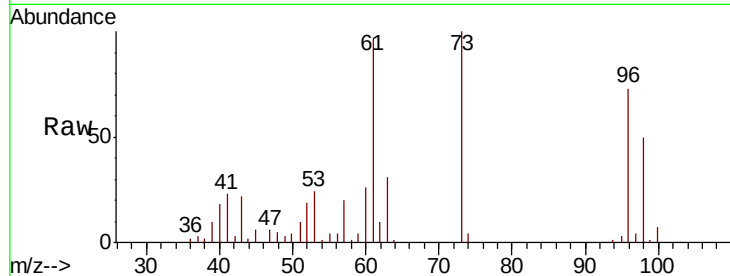
Tgt Ion: 96 Resp: 142650

Ion Ratio Lower Upper

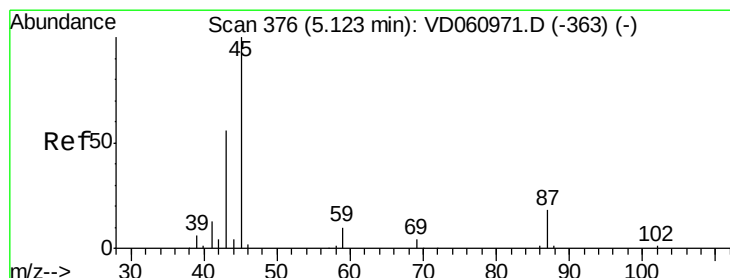
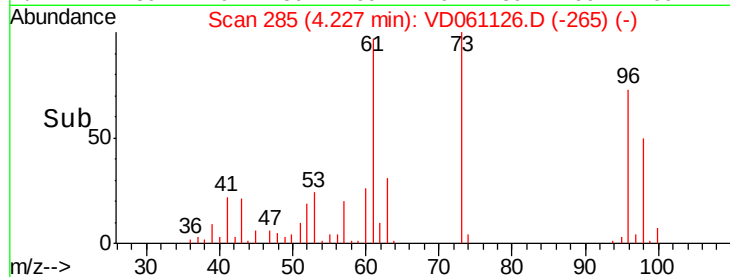
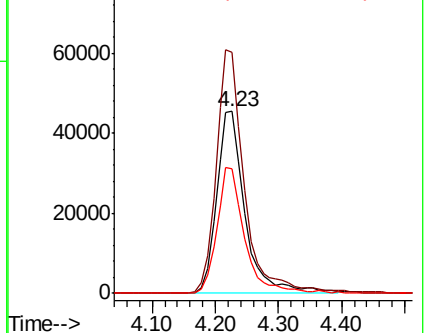
96 100

61 132.6 108.4 162.6

98 68.3 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: 19.405 ug/l

RT: 5.11 min Scan# 375

Delta R.T. -0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tgt Ion: 45 Resp: 421367

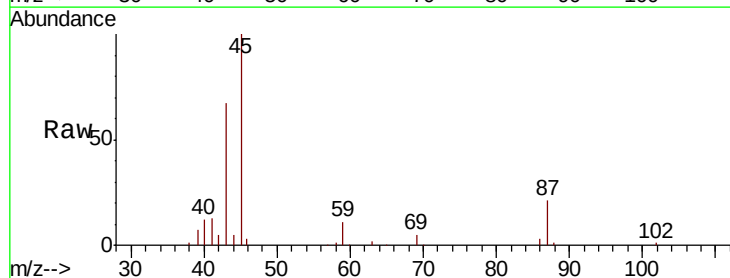
Ion Ratio Lower Upper

45 100

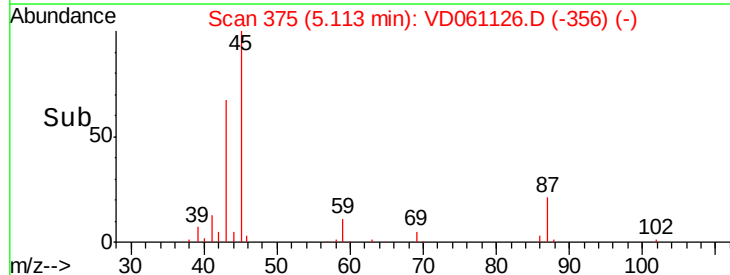
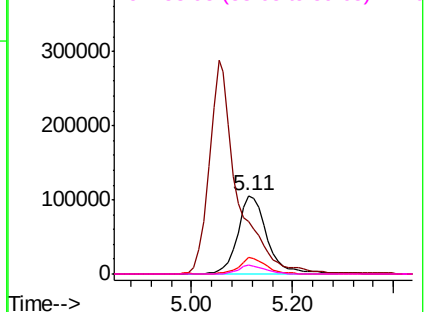
43 66.8 45.8 68.8

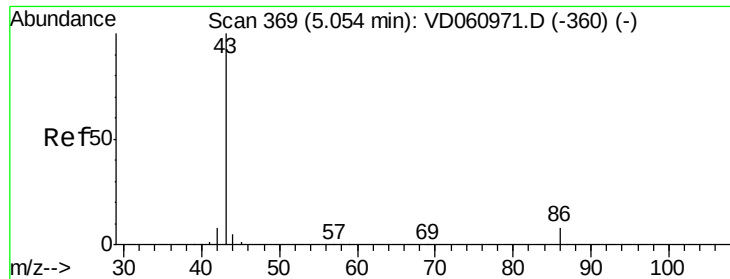
87 20.8 14.9 22.3

59 10.7 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: 99.482 ug/l

RT: 5.05 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD061126.D

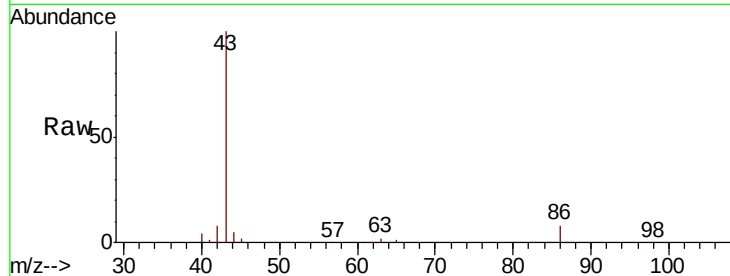
Acq: 17 Mar 2019 00:48

Tgt Ion: 43 Resp: 1108907

Ion Ratio Lower Upper

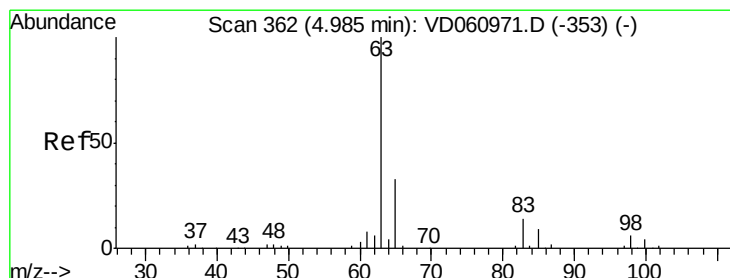
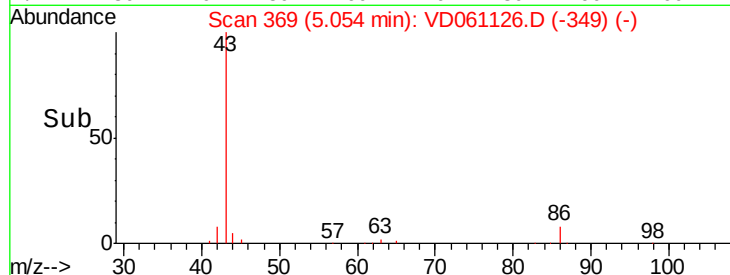
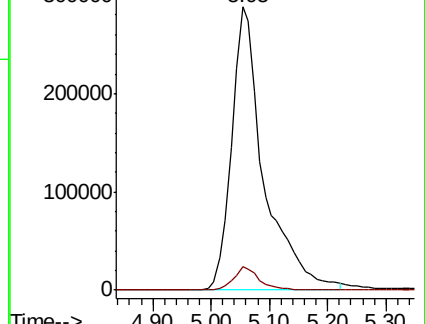
43 100

86 8.2 6.2 9.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.254 ug/l

RT: 4.98 min Scan# 362

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

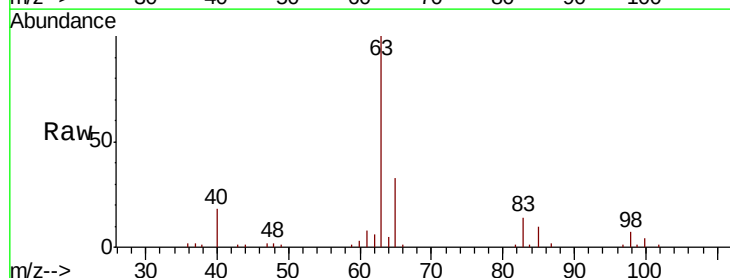
Tgt Ion: 63 Resp: 240964

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

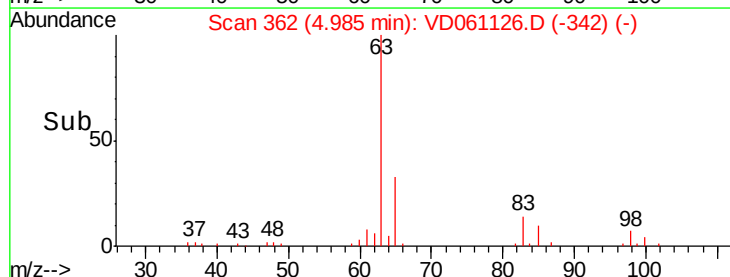
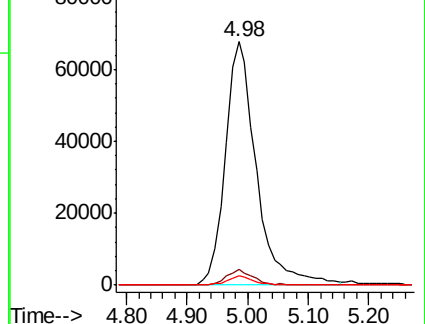
100 3.7 2.0 5.8

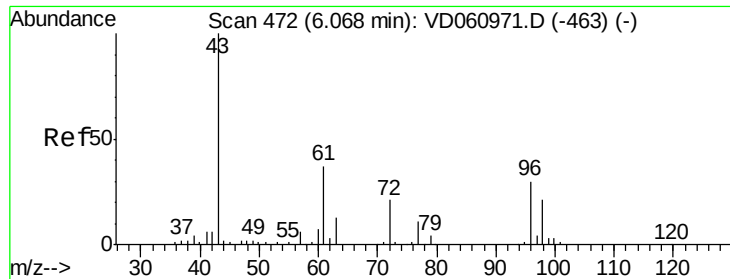


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 93.739 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.00 min

Lab File: VD061126.D

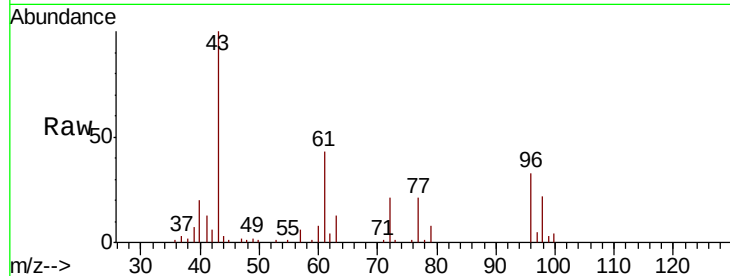
Acq: 17 Mar 2019 00:48

Tgt Ion: 43 Resp: 164896

Ion Ratio Lower Upper

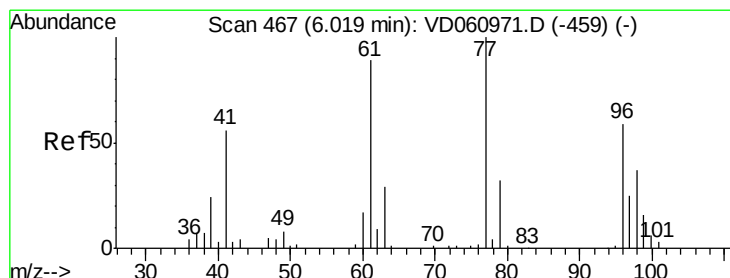
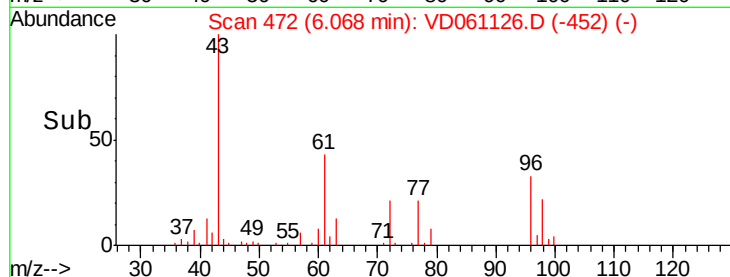
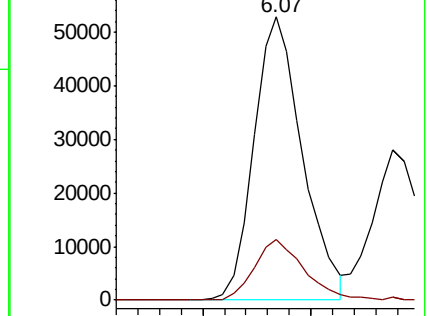
43 100

72 21.3 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: 18.635 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD061126.D

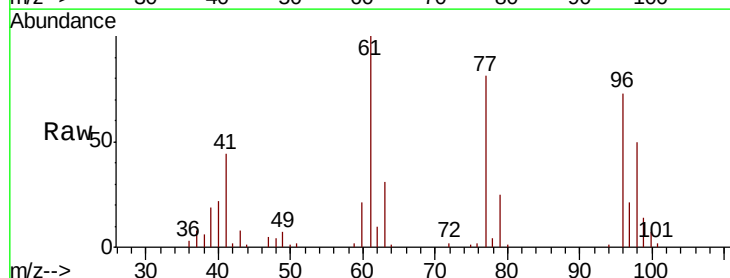
Acq: 17 Mar 2019 00:48

Tgt Ion: 77 Resp: 173074

Ion Ratio Lower Upper

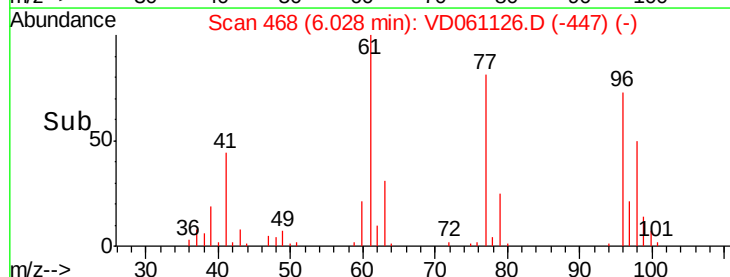
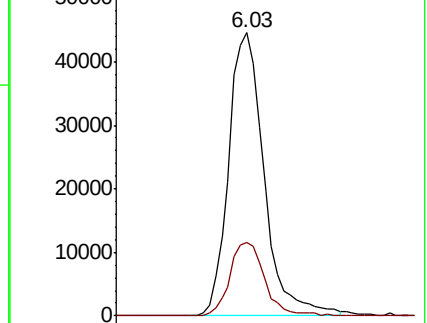
77 100

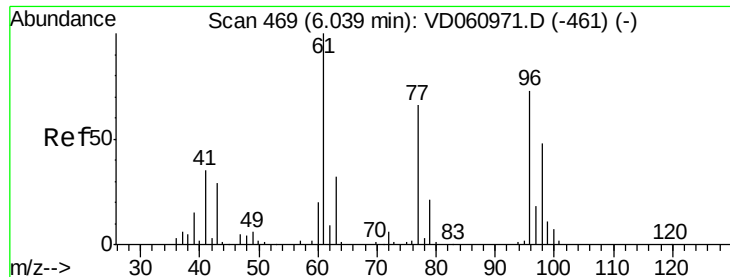
97 25.9 12.6 37.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

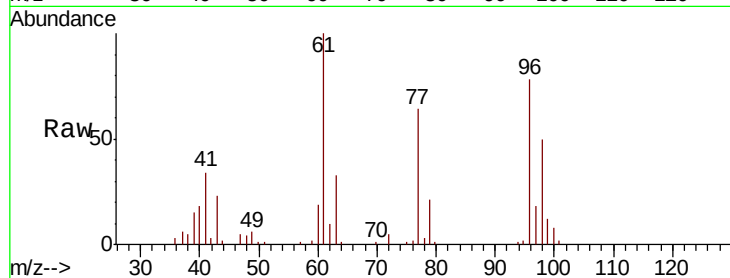




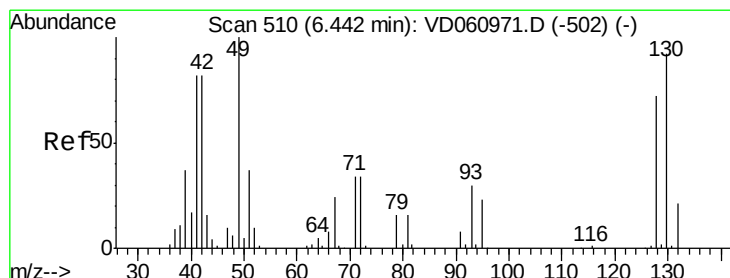
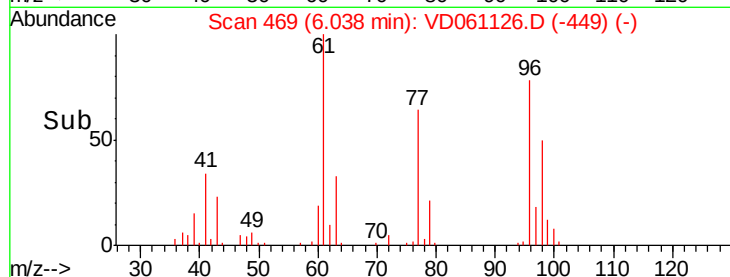
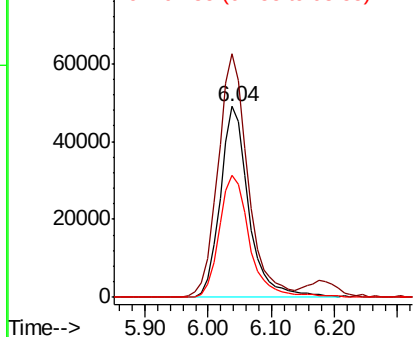
#27

cis-1,2-Dichloroethene
Concen: 20.518 ug/l
RT: 6.04 min Scan# 469
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion	Resp	Lower	Upper
96	154042		
Ion Ratio			
96	100		
61	127.5	0.0	273.6
98	64.0	0.0	132.6



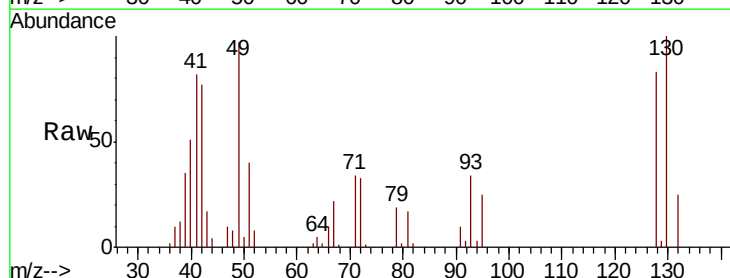
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



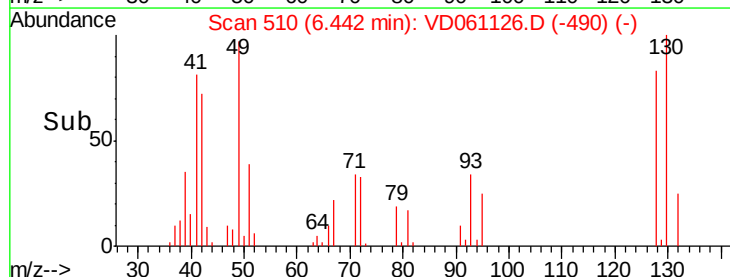
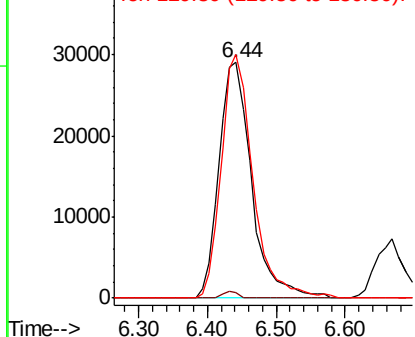
#28

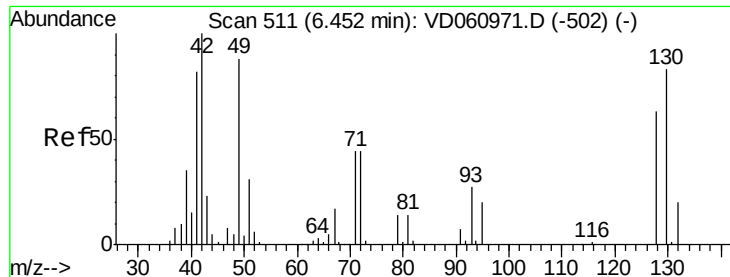
Bromochloromethane
Concen: 18.889 ug/l
RT: 6.44 min Scan# 510
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion	Resp	Lower	Upper
49	95138		
Ion Ratio			
49	100		
129	2.6	0.0	4.0
130	103.4	73.8	110.8



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





#29

Tetrahydrofuran

Concen: 98.117 ug/l

RT: 6.46 min Scan# 512

Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

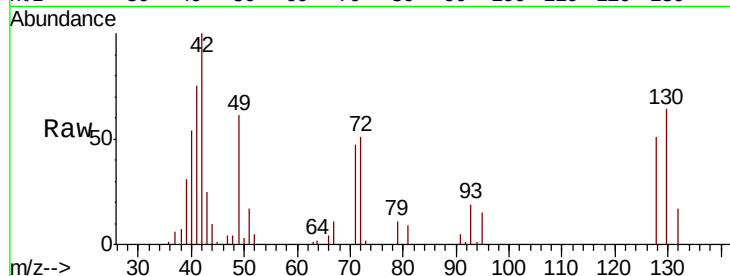
Tgt Ion: 42 Resp: 93720

Ion Ratio Lower Upper

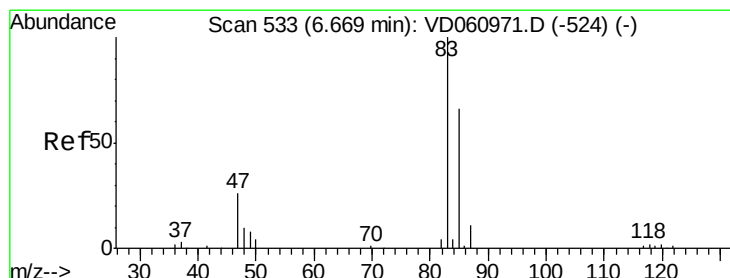
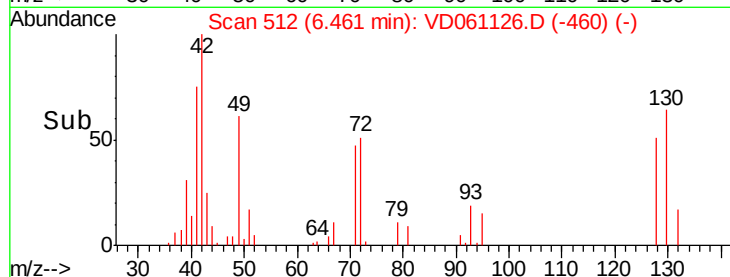
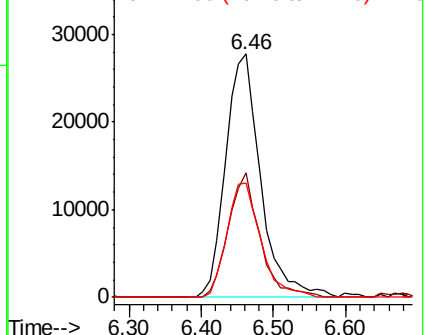
42 100

72 46.5 34.5 51.7

71 45.6 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: 20.809 ug/l

RT: 6.67 min Scan# 533

Delta R.T. -0.00 min

Lab File: VD061126.D

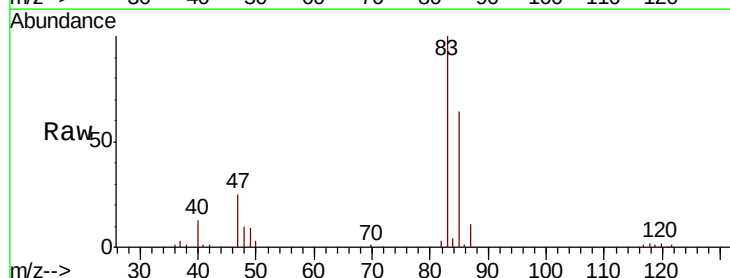
Acq: 17 Mar 2019 00:48

Tgt Ion: 83 Resp: 256589

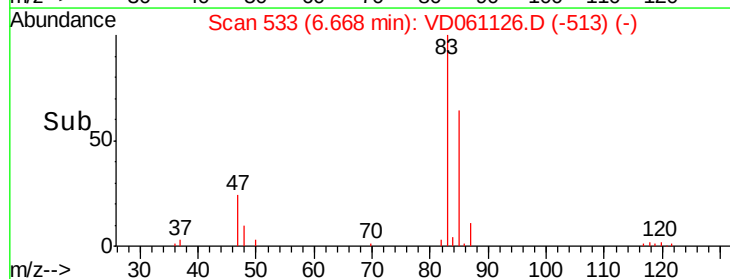
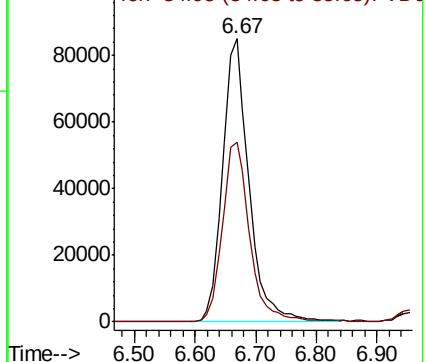
Ion Ratio Lower Upper

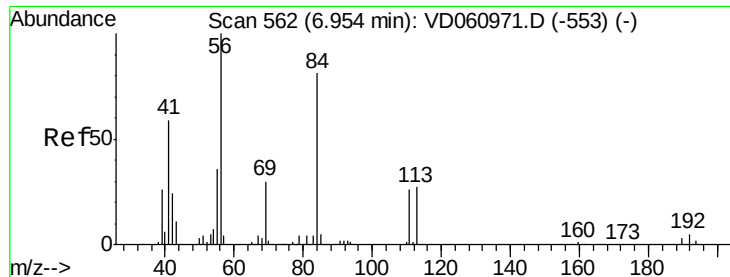
83 100

85 63.5 53.0 79.4



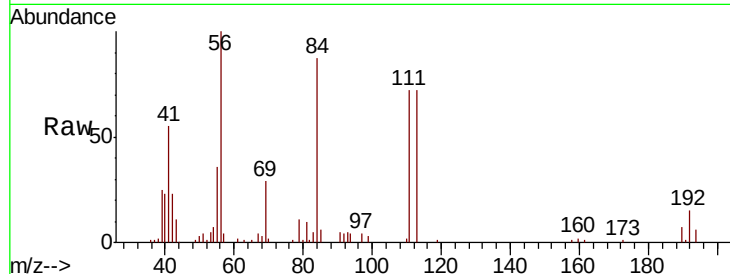
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC



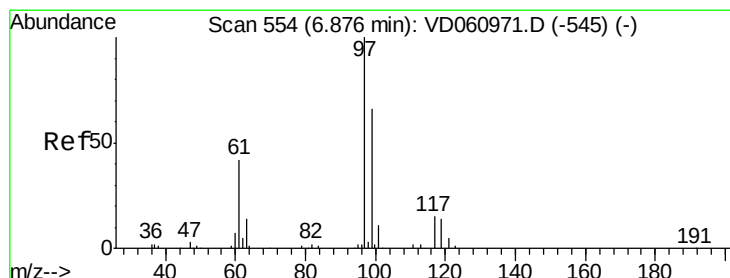
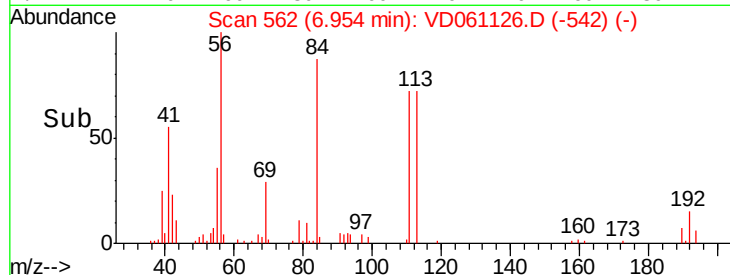
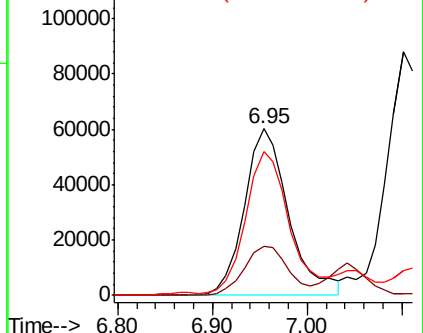


#31
Cyclohexane
Concen: 20.399 ug/l
RT: 6.95 min Scan# 562
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.0	36.0
84	86.5	65.8	98.6

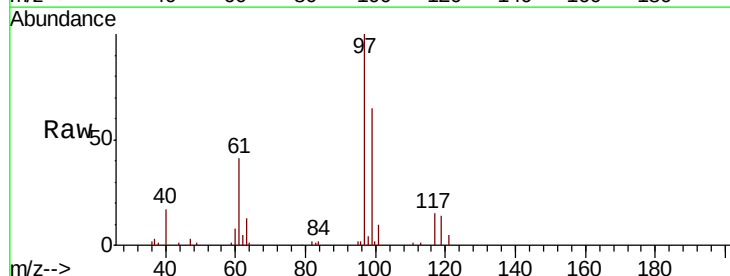


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

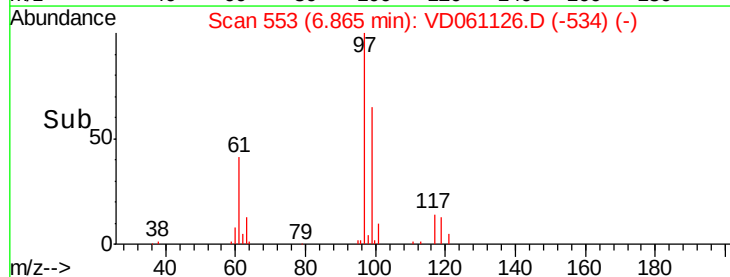
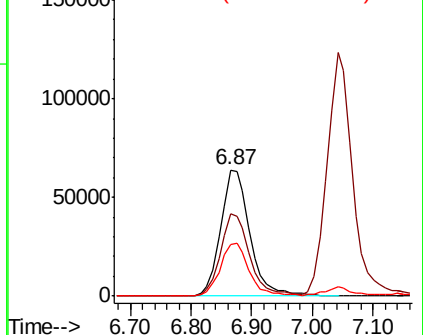


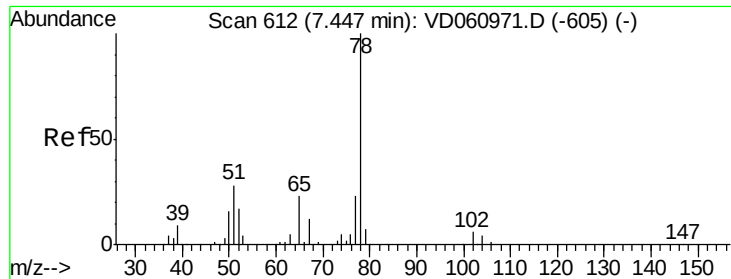
#32
1,1,1-Trichloroethane
Concen: 20.174 ug/l
RT: 6.87 min Scan# 553
Delta R.T. -0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	53.2	79.8
61	41.0	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: 20.174 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061126.D

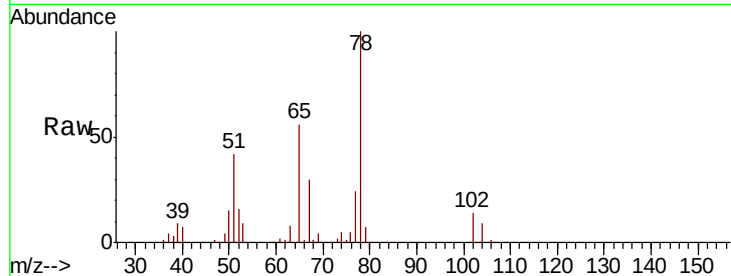
Acq: 17 Mar 2019 00:48

Tgt Ion: 65 Resp: 246946

Ion Ratio Lower Upper

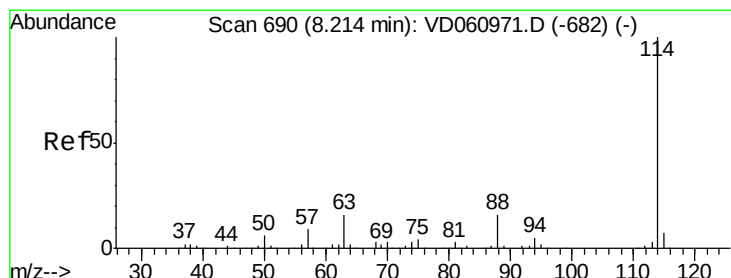
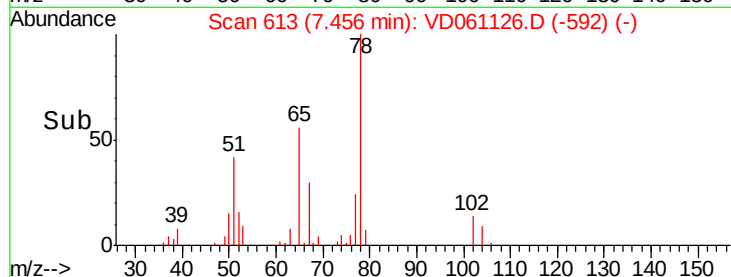
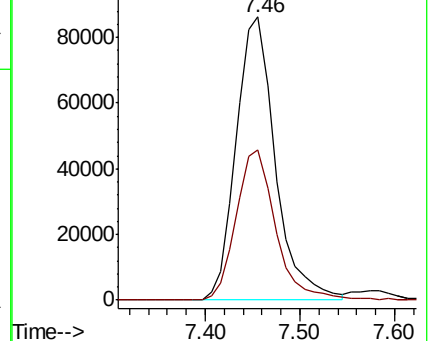
65 100

67 53.2 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

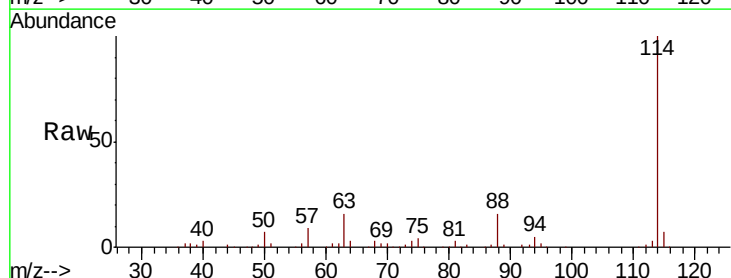
Tgt Ion: 114 Resp: 1105255

Ion Ratio Lower Upper

114 100

63 16.0 0.0 31.4

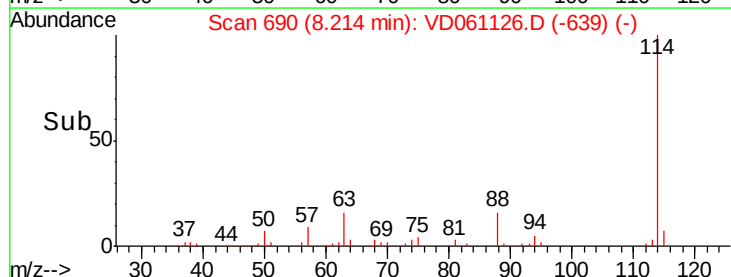
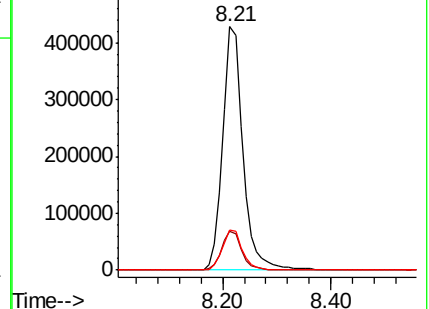
88 16.4 0.0 33.0

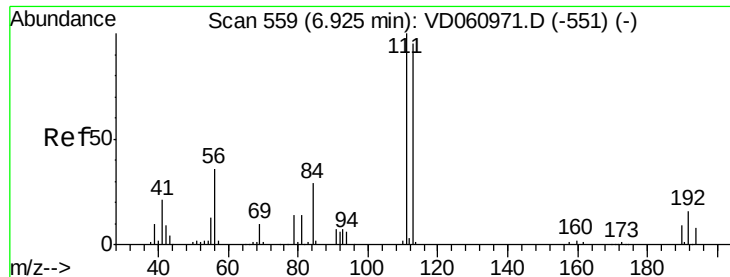


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

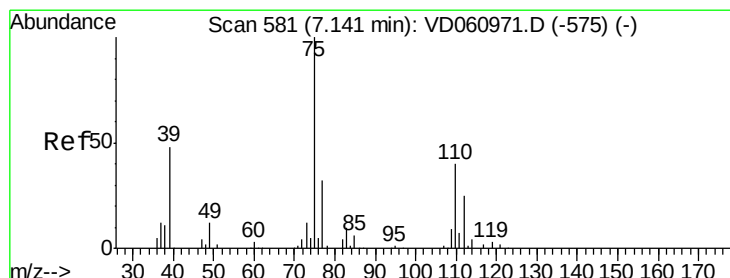
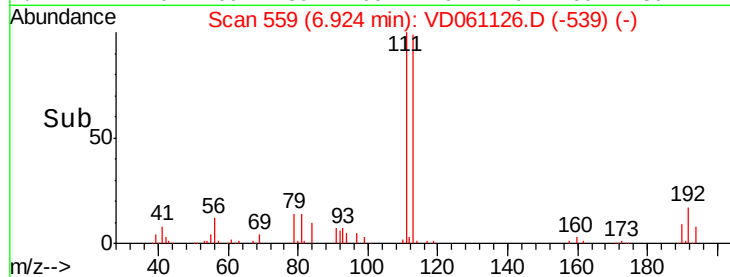
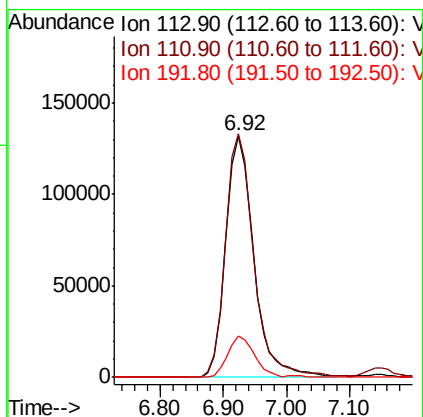
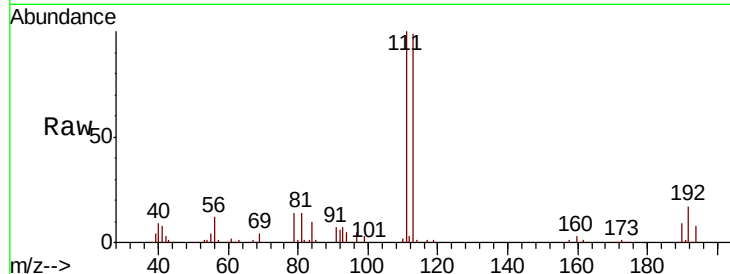
Ion 87.90 (87.60 to 88.60): VDC





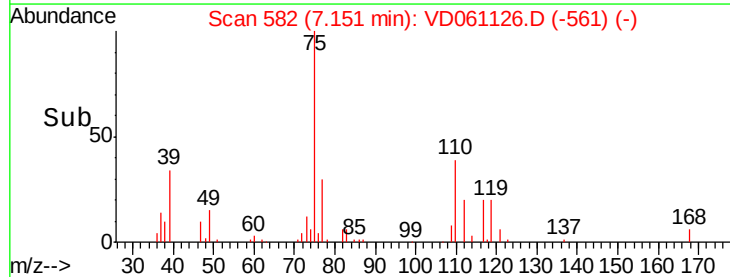
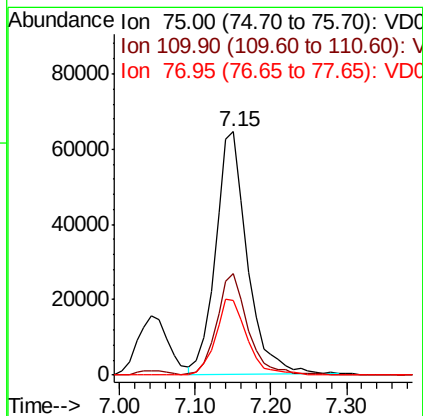
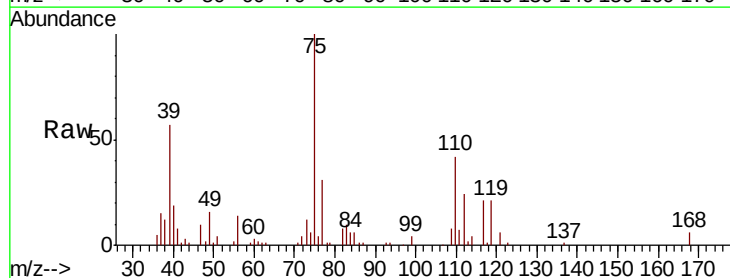
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

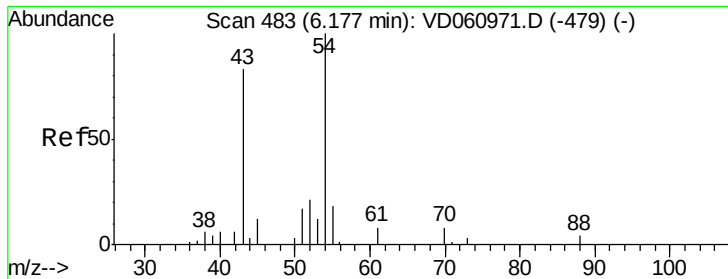
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	84.2	126.4
192	17.0	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 19.523 ug/l
 RT: 7.15 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

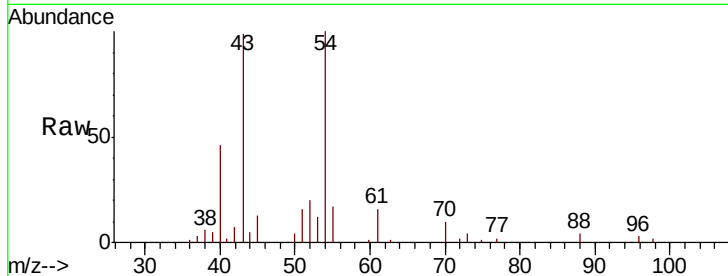
Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.5	19.7	59.1
77	30.9	24.7	37.1



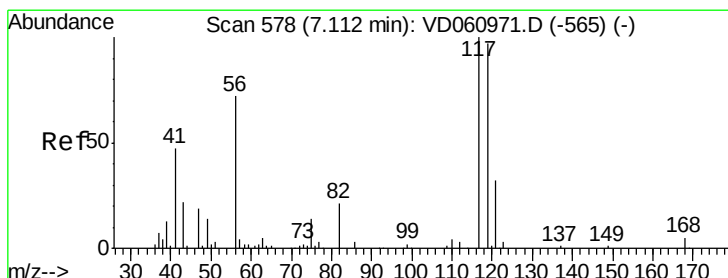
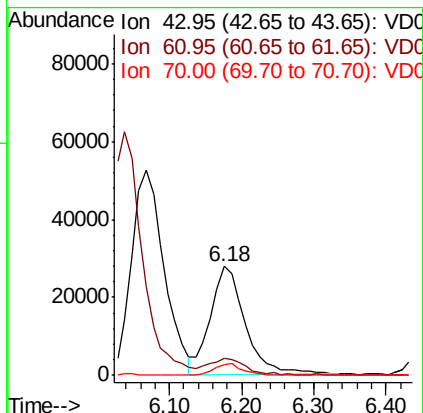
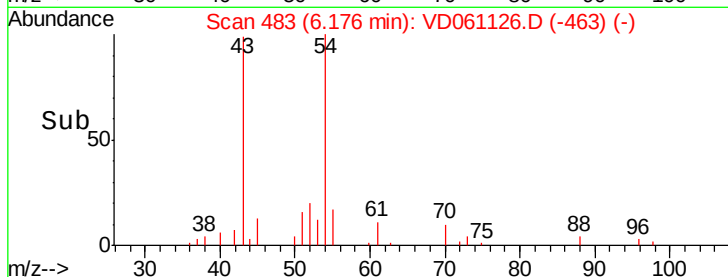


#37
Ethyl Acetate
Concen: 20.665 ug/l
RT: 6.18 min Scan# 483
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 43 Resp: 92389
Ion Ratio Lower Upper
43 100
61 15.8 13.7 20.5
70 9.8 7.1 10.7

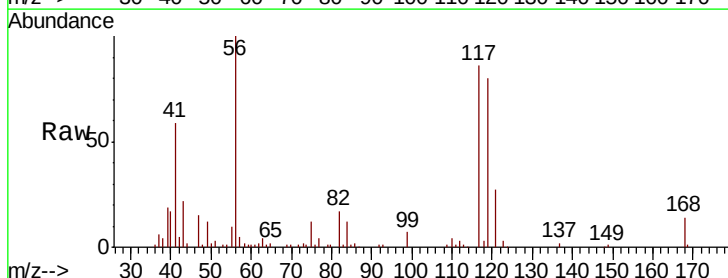


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

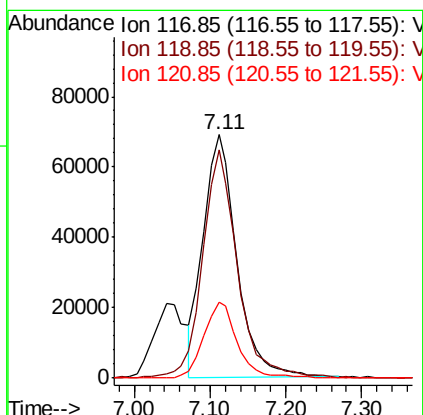
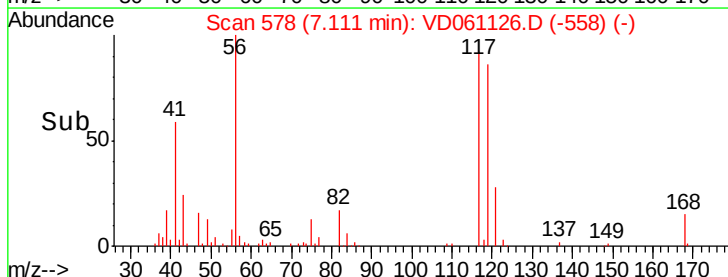


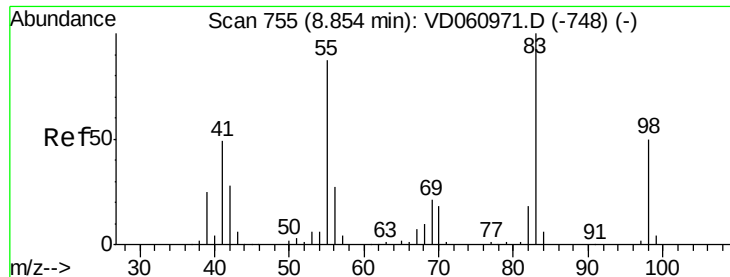
#38
Carbon Tetrachloride
Concen: 20.212 ug/l
RT: 7.11 min Scan# 578
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 117 Resp: 212118
Ion Ratio Lower Upper
117 100
119 94.0 77.8 116.8
121 31.0 25.3 37.9



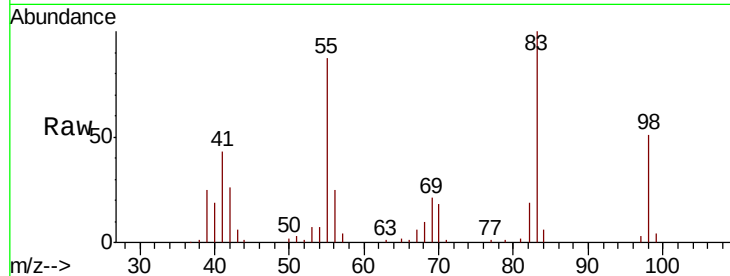
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



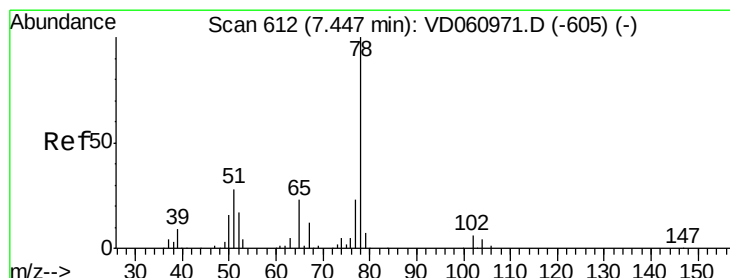
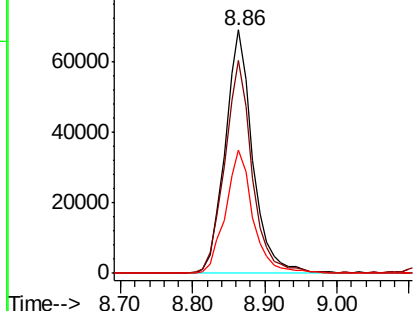
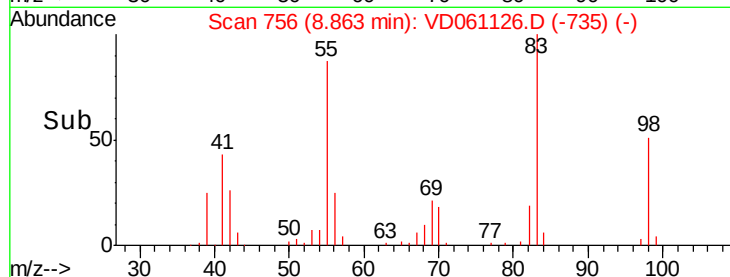


#39
Methylcyclohexane
Concen: 18.503 ug/l
RT: 8.86 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 83 Resp: 182790
Ion Ratio Lower Upper
83 100
55 87.4 69.6 104.4
98 50.7 40.0 60.0

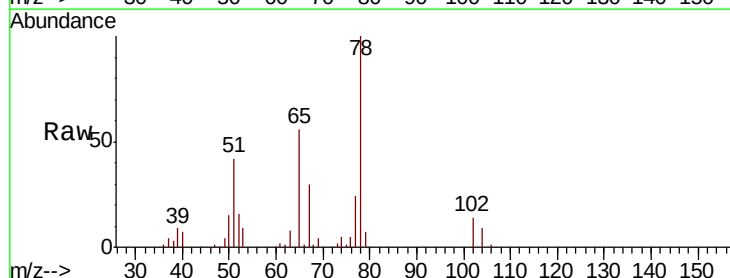


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

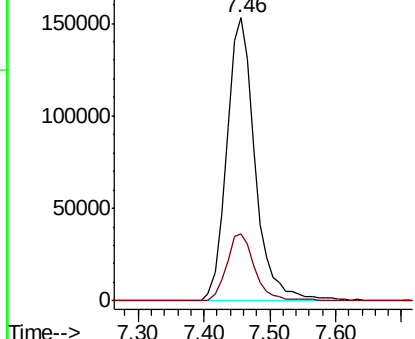
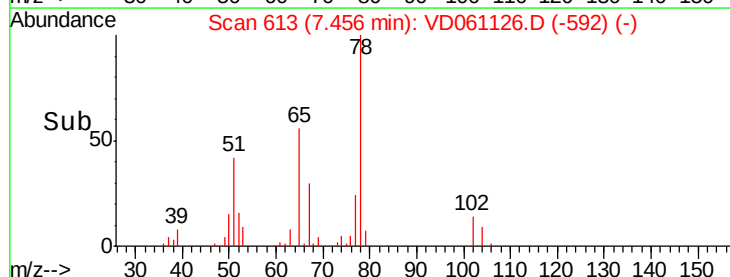


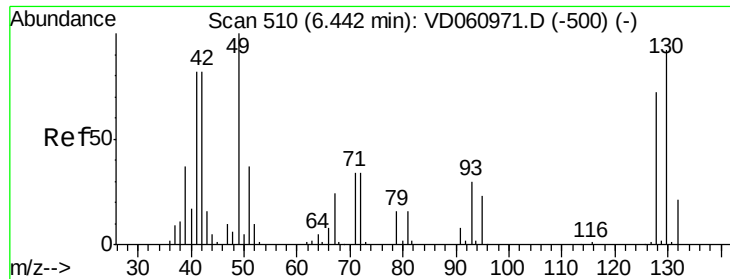
#40
Benzene
Concen: 19.303 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 78 Resp: 459529
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



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





#41

Methacrylonitrile

Concen: 20.005 ug/l

RT: 6.44 min Scan# 510

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tgt Ion: 41 Resp: 102873

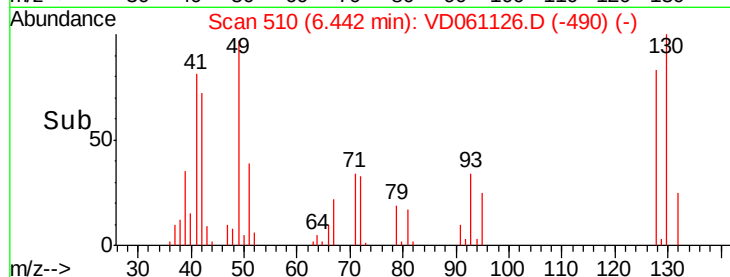
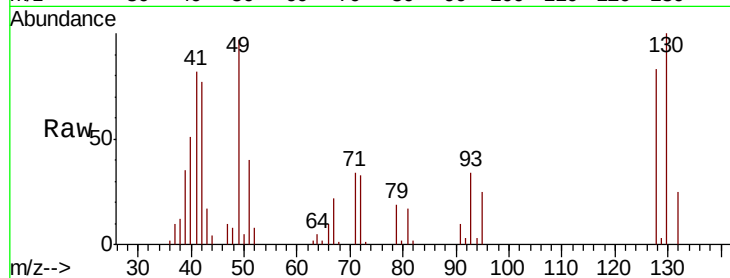
Ion Ratio Lower Upper

41 100

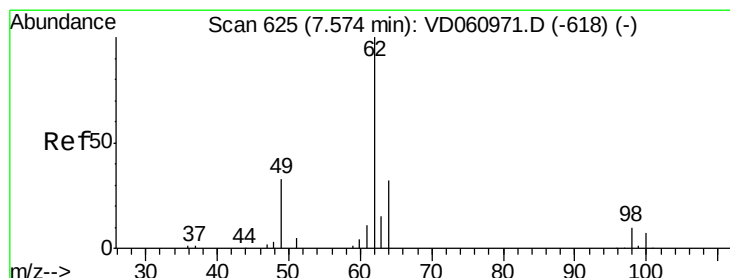
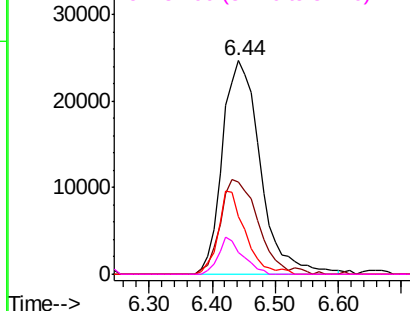
39 43.0 35.7 53.5

67 26.7 23.0 34.6

52 10.0 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: 20.926 ug/l

RT: 7.57 min Scan# 625

Delta R.T. -0.00 min

Lab File: VD061126.D

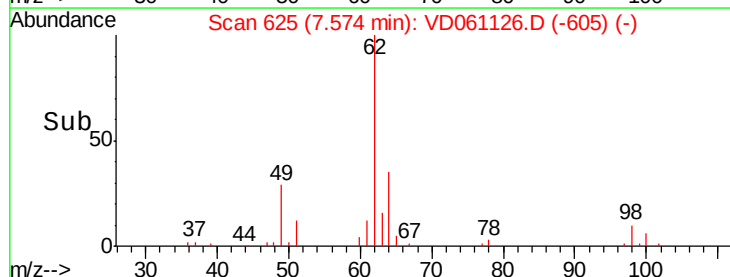
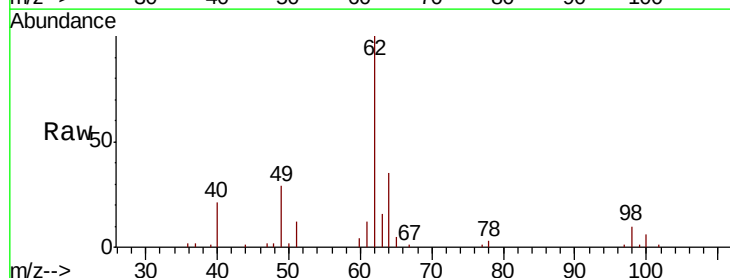
Acq: 17 Mar 2019 00:48

Tgt Ion: 62 Resp: 144563

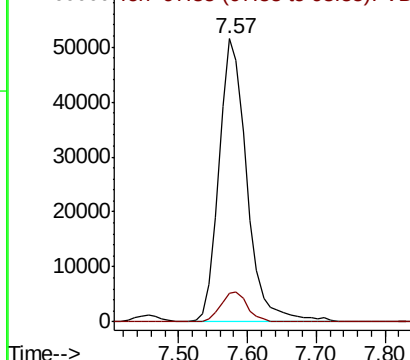
Ion Ratio Lower Upper

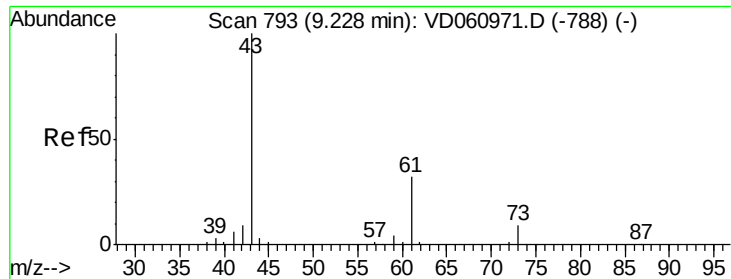
62 100

98 10.3 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: 19.544 ug/l

RT: 9.24 min Scan# 794

Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

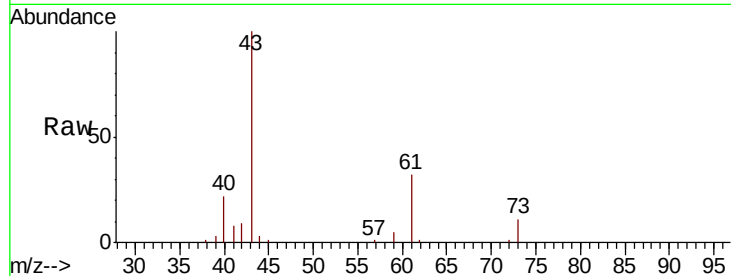
Tgt Ion: 43 Resp: 121019

Ion Ratio Lower Upper

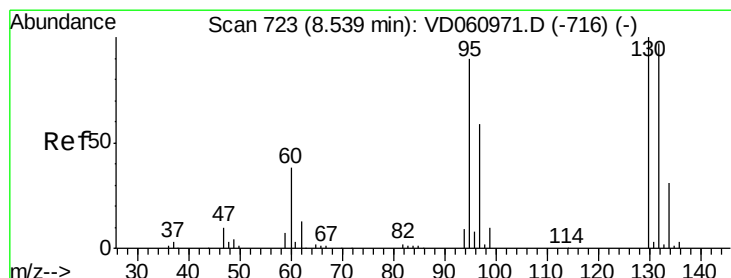
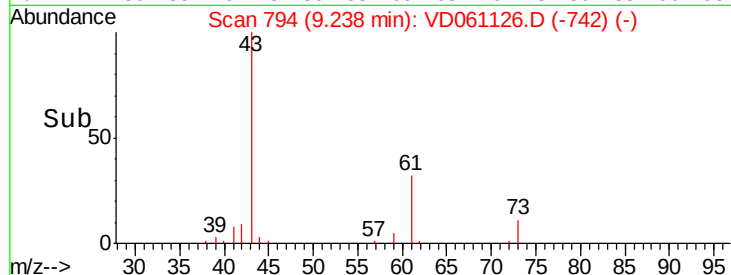
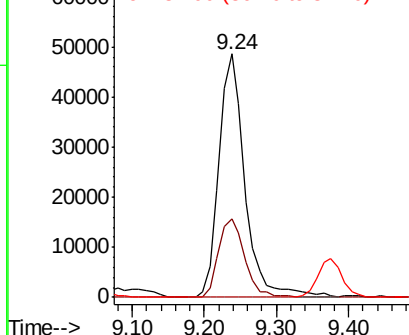
43 100

61 32.4 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: 20.161 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.00 min

Lab File: VD061126.D

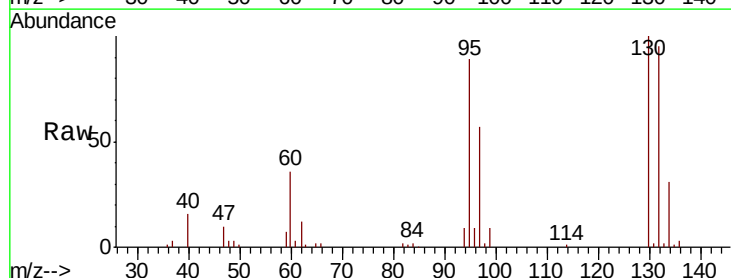
Acq: 17 Mar 2019 00:48

Tgt Ion: 130 Resp: 165581

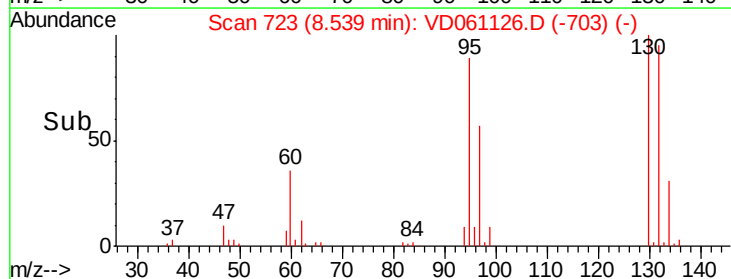
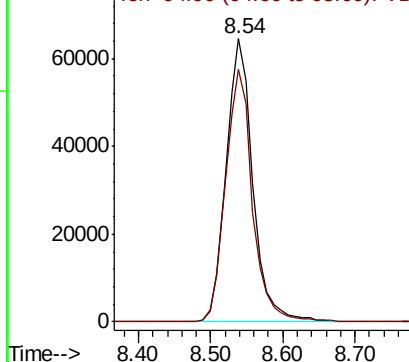
Ion Ratio Lower Upper

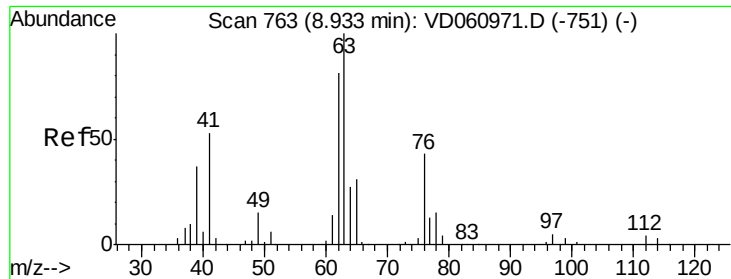
130 100

95 89.5 0.0 179.4



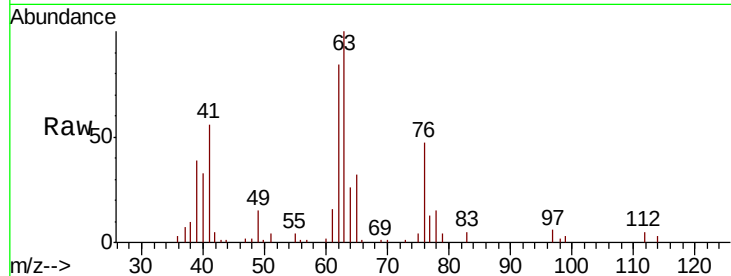
Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC



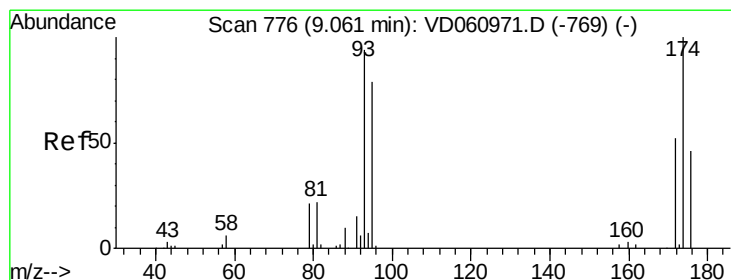
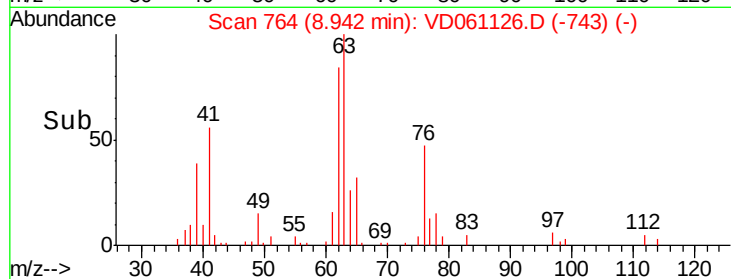
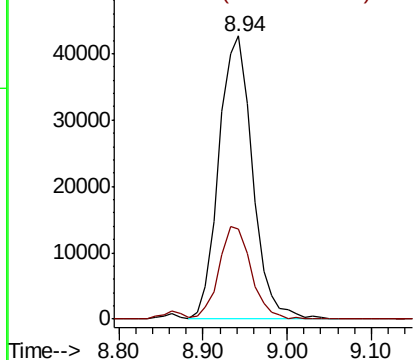


#45
 1,2-Dichloropropane
 Concen: 18.939 ug/l
 RT: 8.94 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 63 Resp: 118449
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2

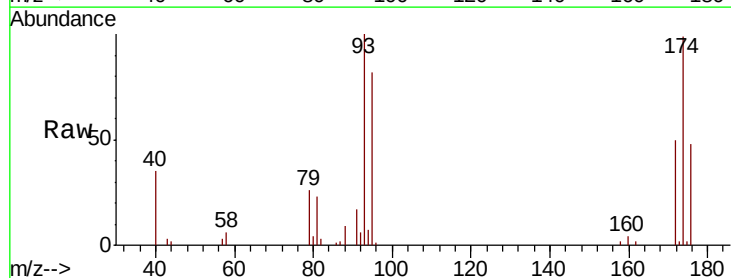


Abundance Ion 62.95 (62.65 to 63.65): VDC
 Ion 64.95 (64.65 to 65.65): VDC

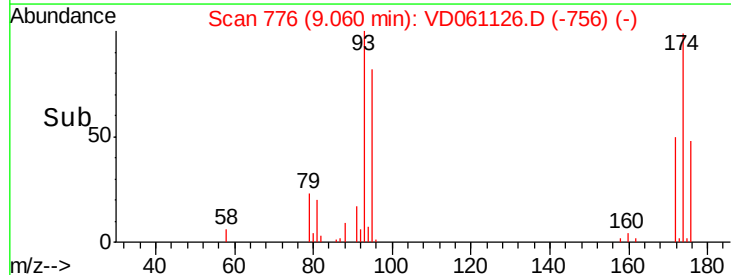
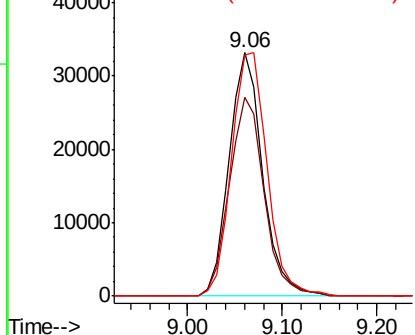


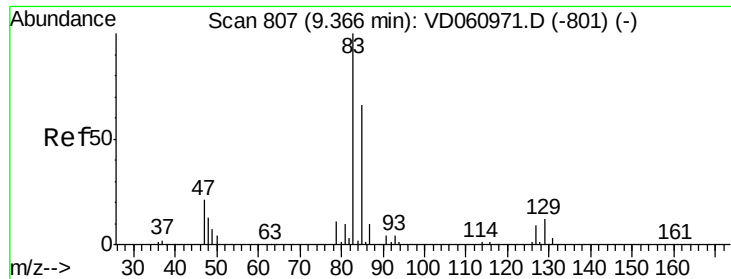
#46
 Dibromomethane
 Concen: 20.492 ug/l
 RT: 9.06 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 93 Resp: 81298
 Ion Ratio Lower Upper
 93 100
 95 81.5 67.4 101.0
 174 99.3 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: 19.286 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

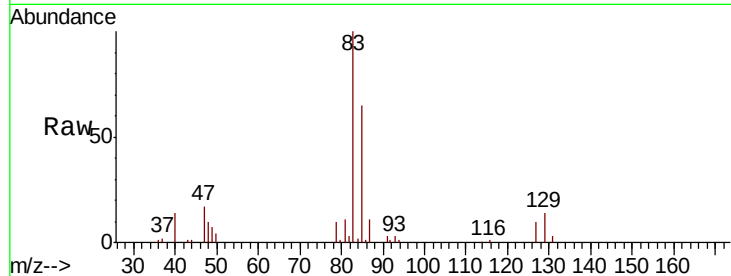
Tgt Ion: 83 Resp: 172655

Ion Ratio Lower Upper

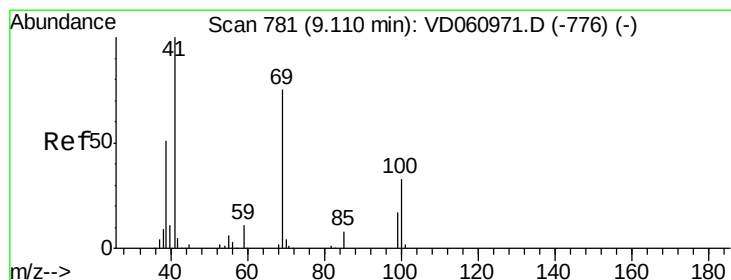
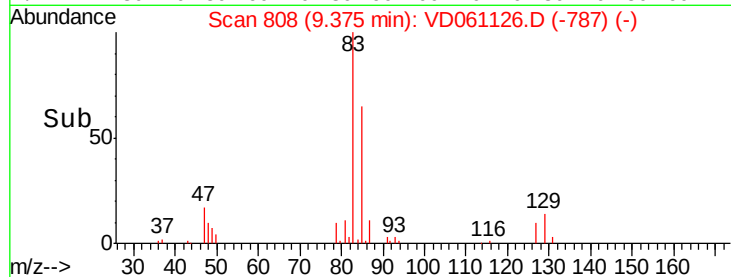
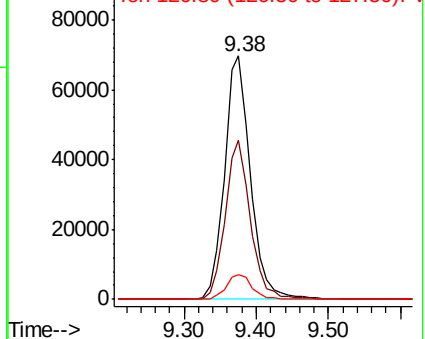
83 100

85 65.3 52.5 78.7

127 10.1 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: 19.708 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

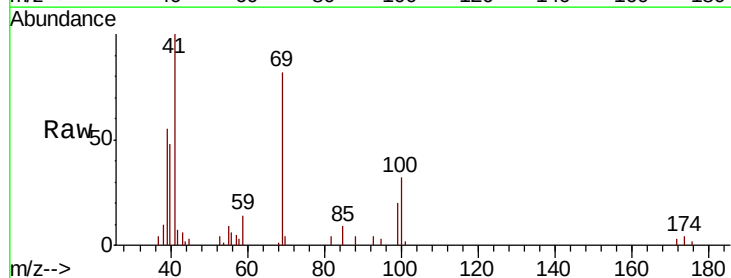
Tgt Ion: 41 Resp: 68710

Ion Ratio Lower Upper

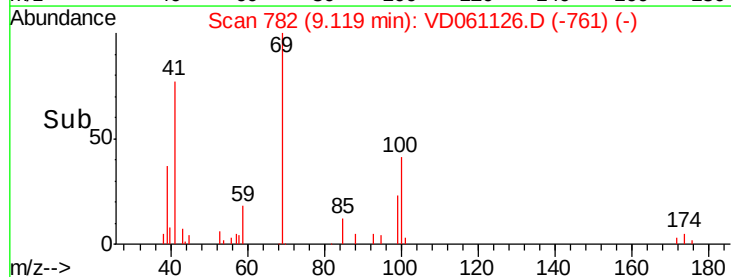
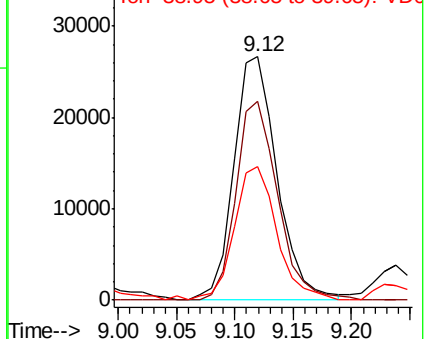
41 100

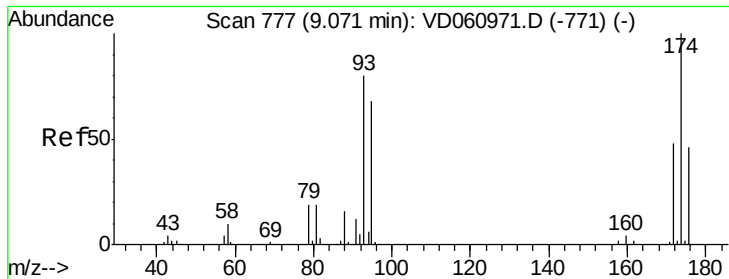
69 81.5 59.9 89.9

39 55.0 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: 422.365 ug/l

RT: 9.08 min Scan# 778

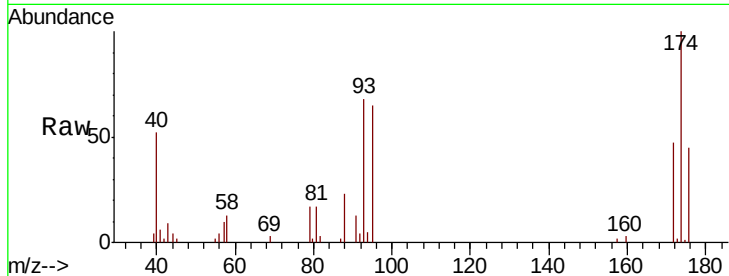
Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tgt Ion: 88 Resp: 14890

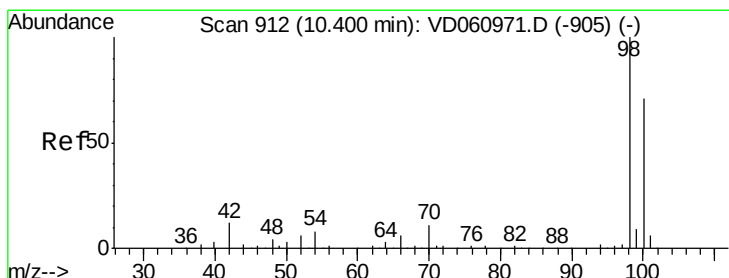
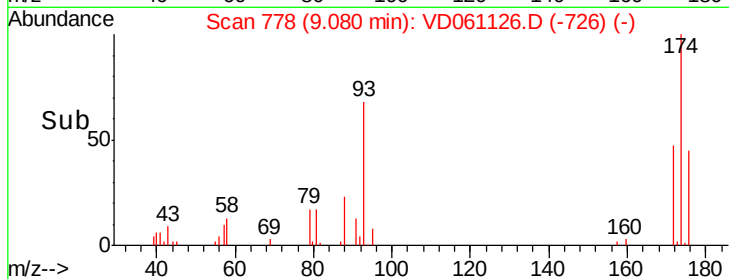
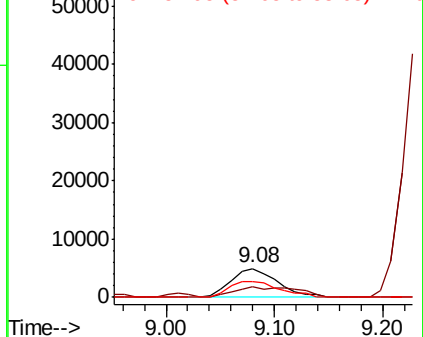
Ion	Ratio	Lower	Upper
88	100		
43	37.8	21.0	31.6#
58	56.8	48.6	72.8



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: 422.365 ug/l

RT: 10.41 min Scan# 913

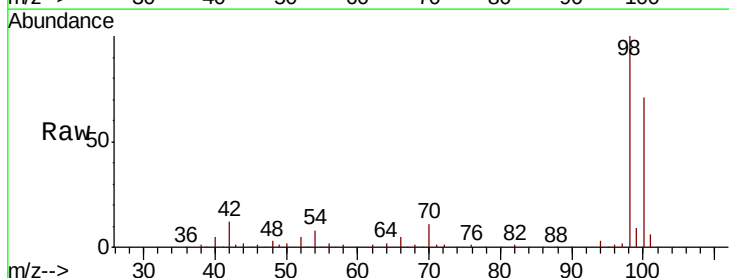
Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

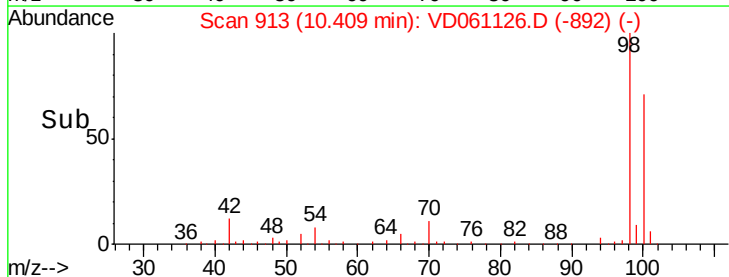
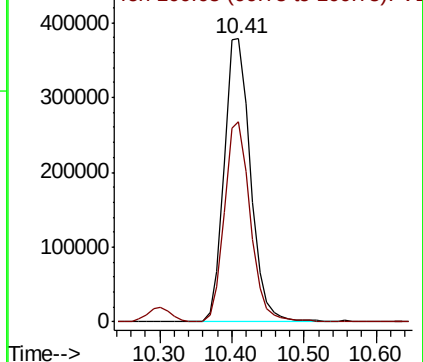
Tgt Ion: 98 Resp: 961465

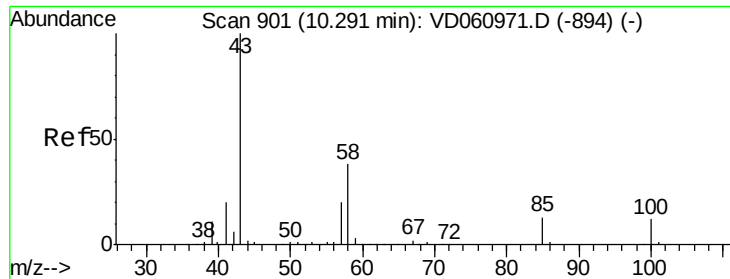
Ion	Ratio	Lower	Upper
98	100		
100	70.5	57.4	86.2



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: 99.259 ug/l

RT: 10.29 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD061126.D

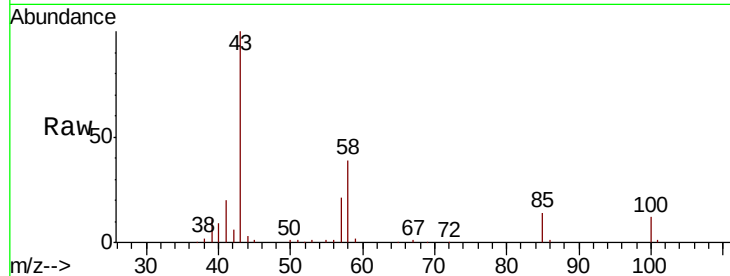
Acq: 17 Mar 2019 00:48

Tgt Ion: 43 Resp: 376538

Ion Ratio Lower Upper

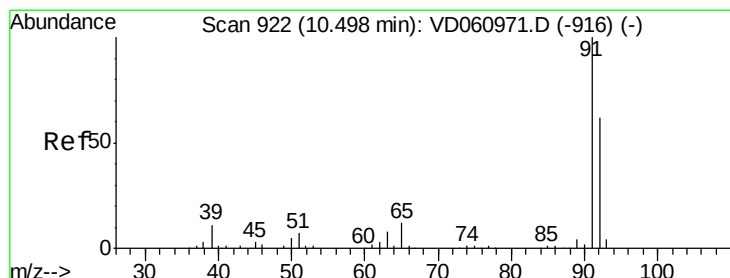
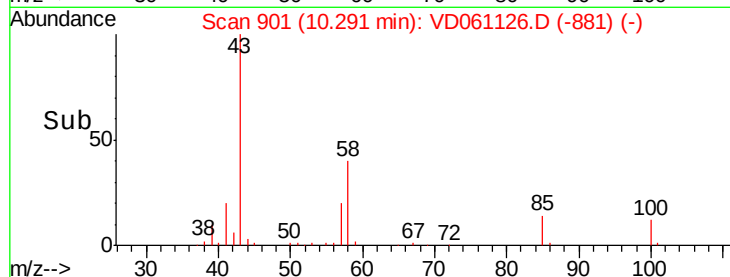
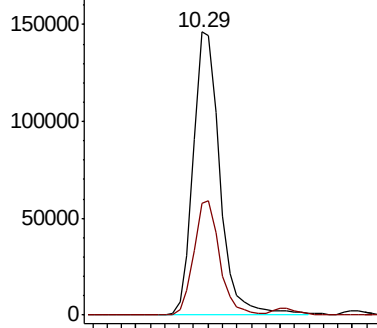
43 100

58 39.4 30.2 45.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 20.534 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061126.D

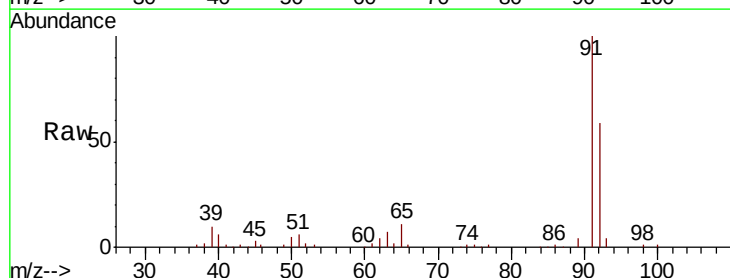
Acq: 17 Mar 2019 00:48

Tgt Ion: 92 Resp: 303977

Ion Ratio Lower Upper

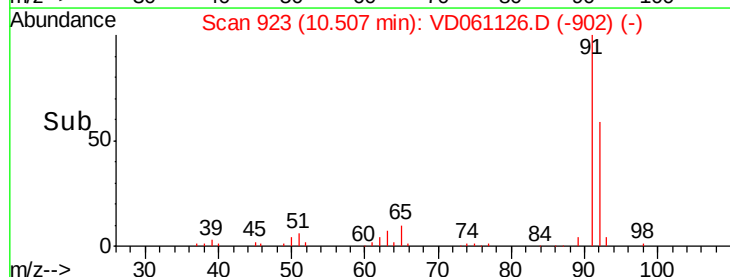
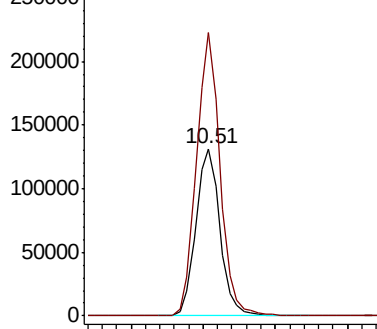
92 100

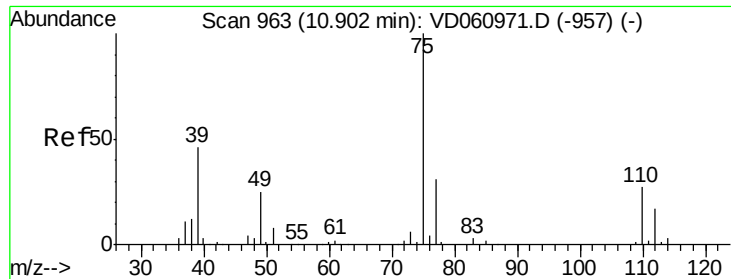
91 169.1 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.813 ug/l

RT: 10.91 min Scan# 964

Delta R.T. 0.01 min

Lab File: VD061126.D

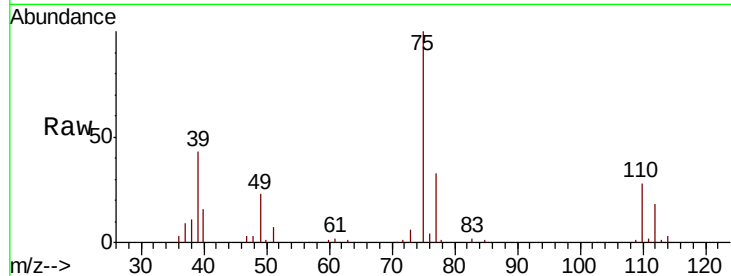
Acq: 17 Mar 2019 00:48

Tgt Ion: 75 Resp: 170375

Ion Ratio Lower Upper

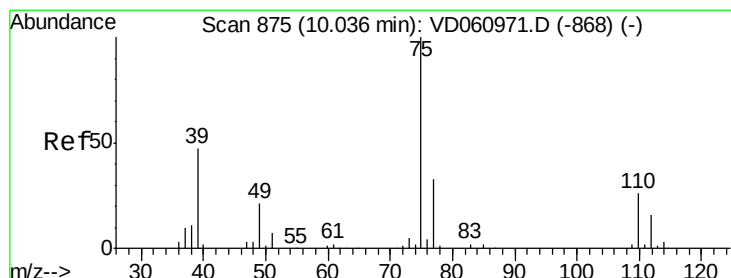
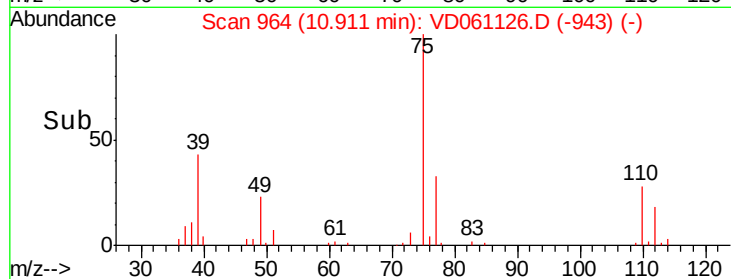
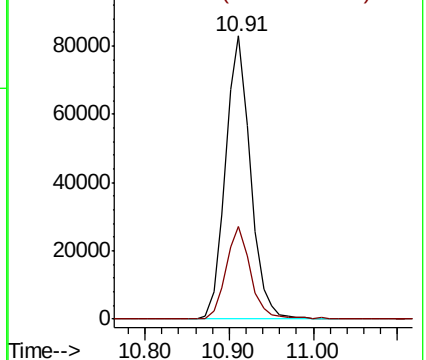
75 100

77 32.7 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: 19.810 ug/l

RT: 10.03 min Scan# 875

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

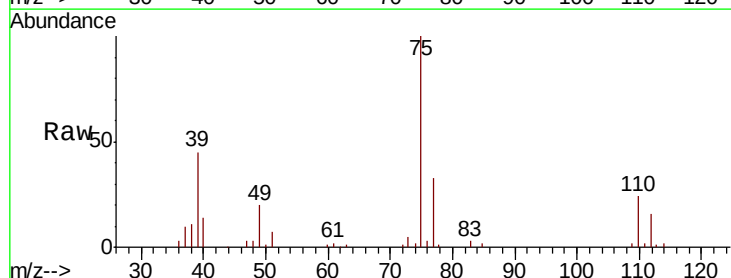
Tgt Ion: 75 Resp: 194847

Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.4

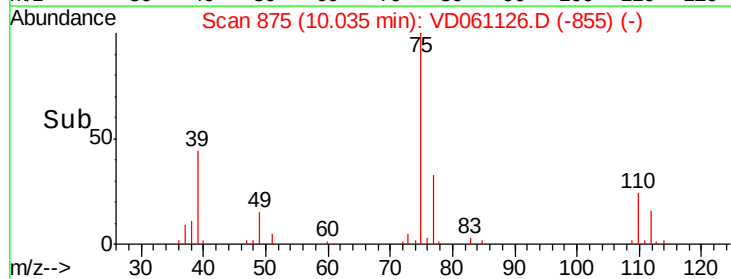
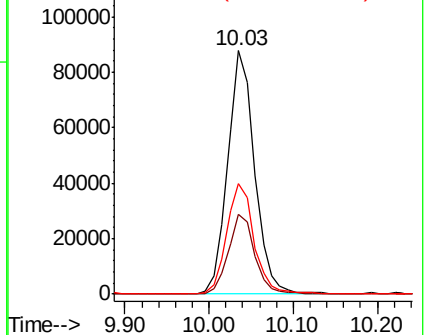
39 45.4 37.8 56.8

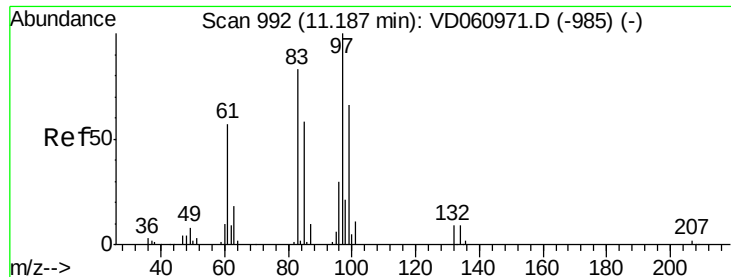


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC





#55

1,1,2-Trichloroethane

Concen: 22.036 ug/l

RT: 11.19 min Scan# 992

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tgt Ion: 97 Resp: 108635

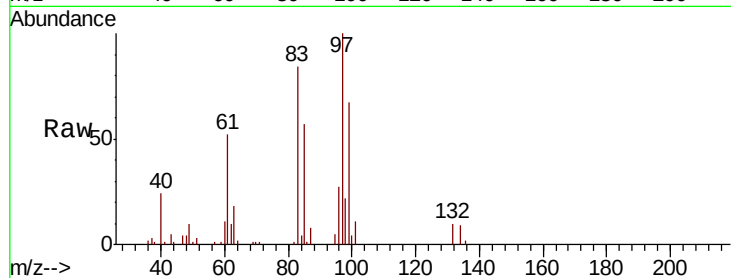
Ion Ratio Lower Upper

97 100

83 84.3 66.6 100.0

85 56.5 46.4 69.6

99 66.6 52.4 78.6

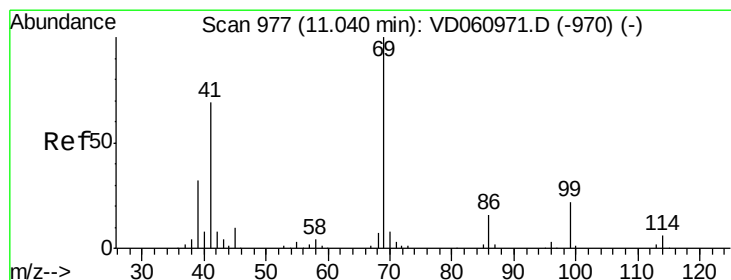
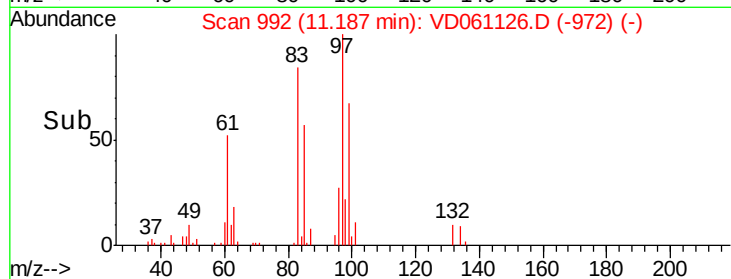
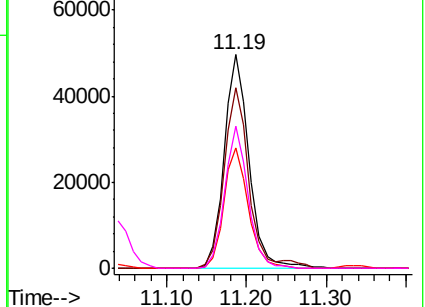


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 20.946 ug/l

RT: 11.04 min Scan# 977

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

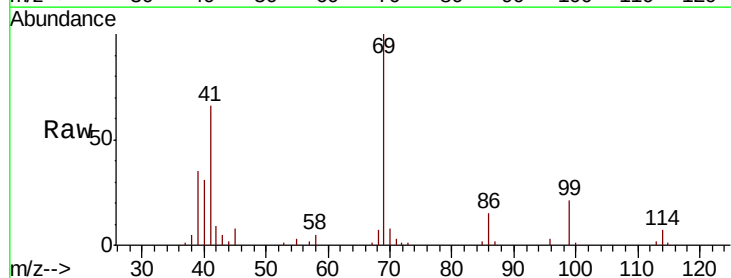
Tgt Ion: 69 Resp: 108083

Ion Ratio Lower Upper

69 100

41 66.0 55.5 83.3

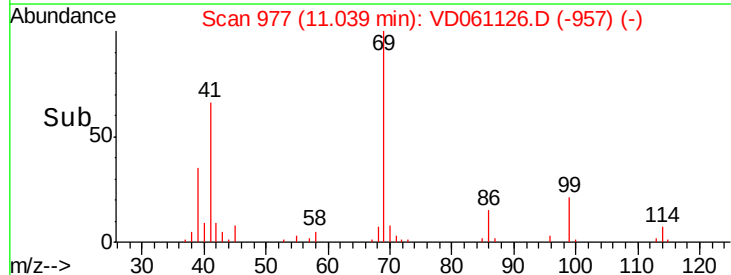
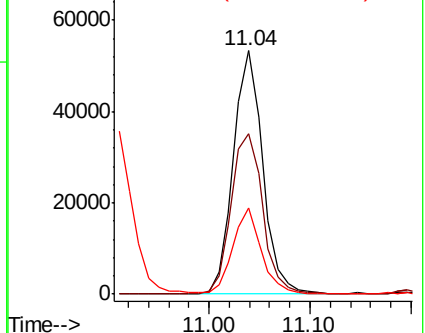
39 35.3 26.2 39.2

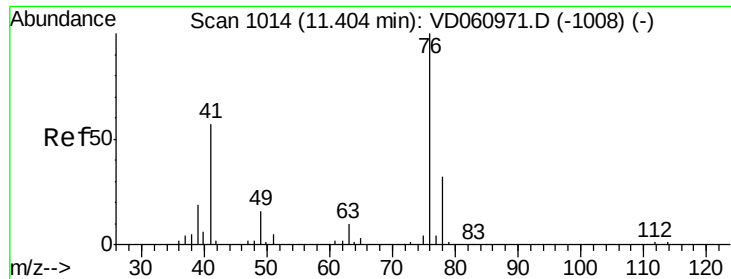


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

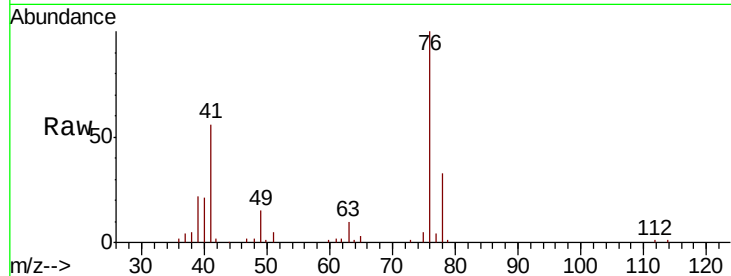
Ion 38.95 (38.65 to 39.65): VDC



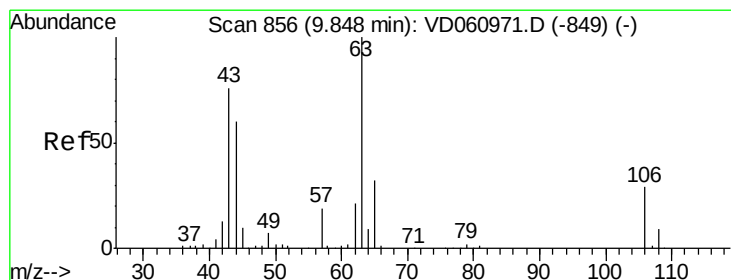
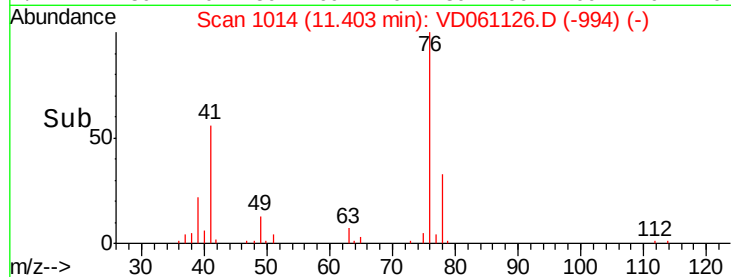
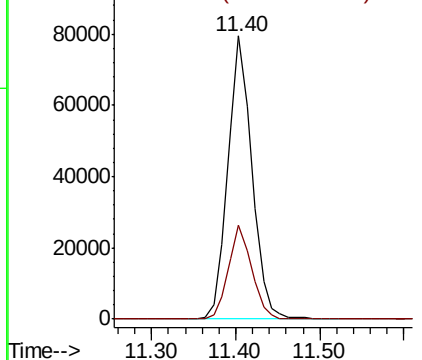


#57
 1,3-Dichloropropane
 Concen: 21.410 ug/l
 RT: 11.40 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 76 Resp: 157733
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.4 38.0

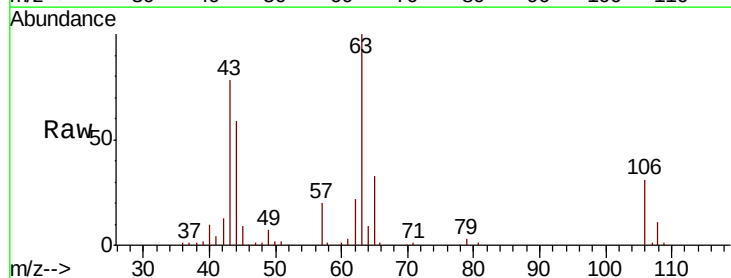


Abundance Ion 75.95 (75.65 to 76.65): VDC
 Ion 77.95 (77.65 to 78.65): VDC

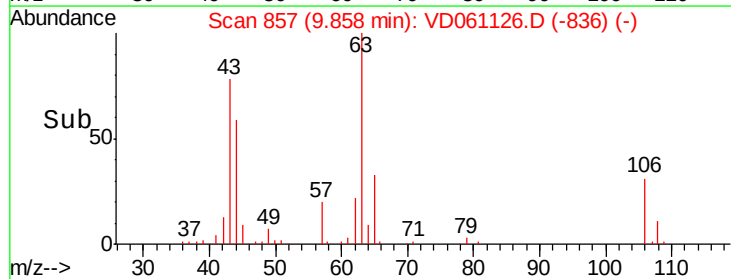
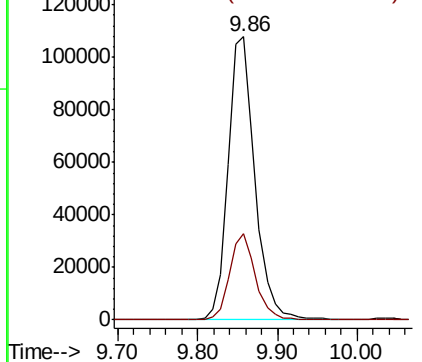


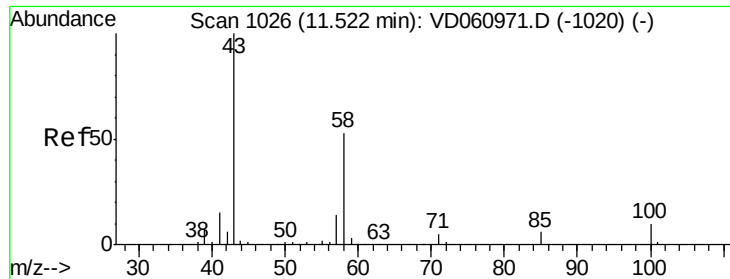
#58
 2-Chloroethyl Vinyl ether
 Concen: 92.550 ug/l
 RT: 9.86 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 63 Resp: 252790
 Ion Ratio Lower Upper
 63 100
 106 30.7 22.8 34.2



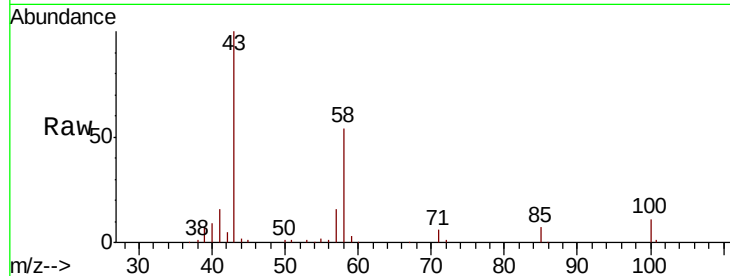
Abundance Ion 62.95 (62.65 to 63.65): VDC
 Ion 105.95 (105.65 to 106.65): V



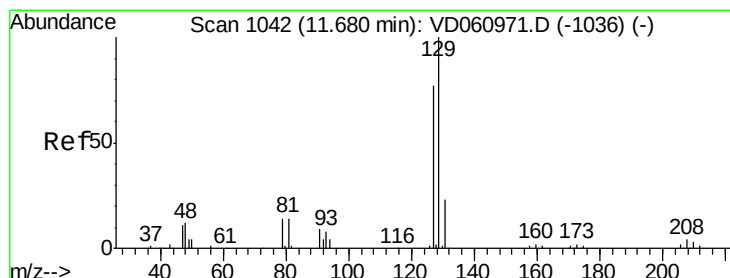
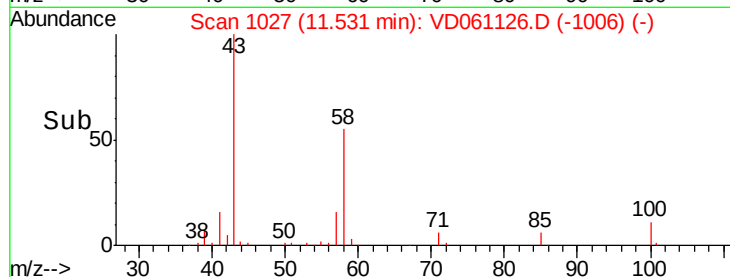
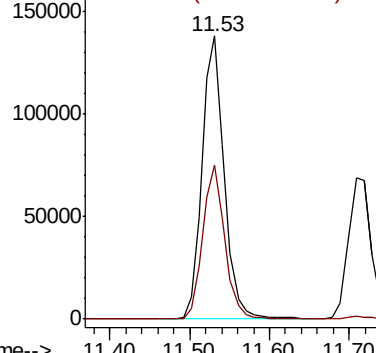


#59
2-Hexanone
Concen: 97.234 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 43 Resp: 269815
Ion Ratio Lower Upper
43 100
58 54.3 26.5 79.5

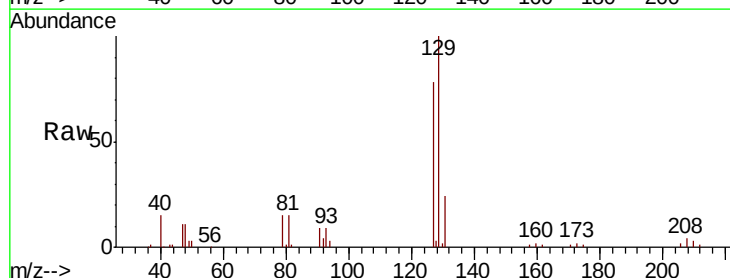


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

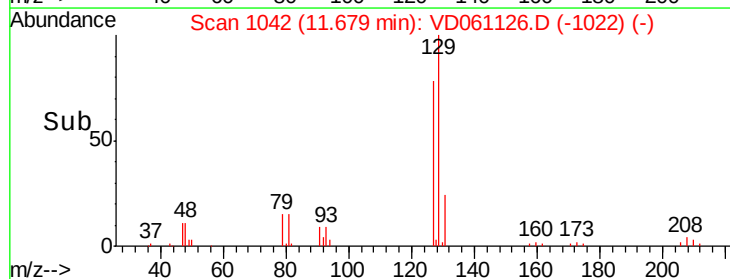
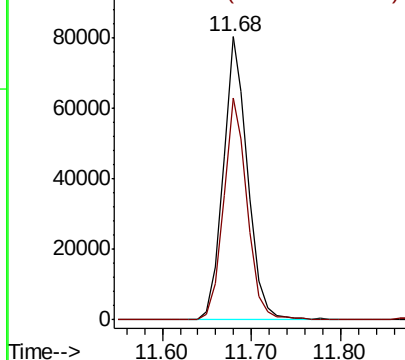


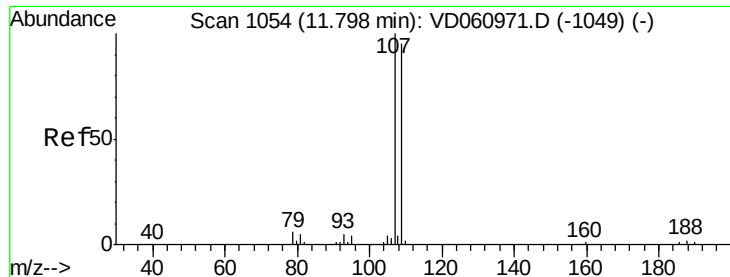
#60
Dibromochloromethane
Concen: 21.309 ug/l
RT: 11.68 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 129 Resp: 154606
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.9



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





#61

1,2-Dibromoethane

Concen: 21.243 ug/l

RT: 11.80 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VD061126.D

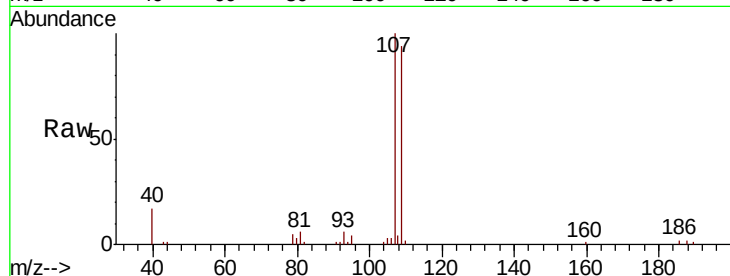
Acq: 17 Mar 2019 00:48

Tgt Ion: 107 Resp: 121825

Ion Ratio Lower Upper

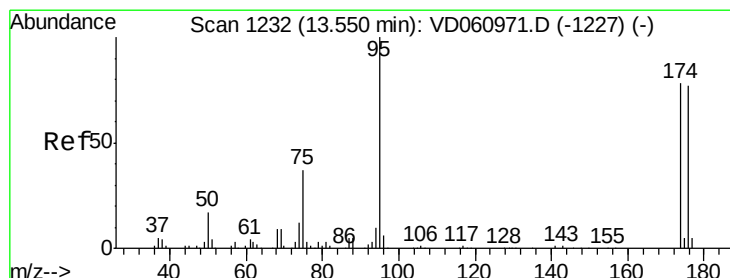
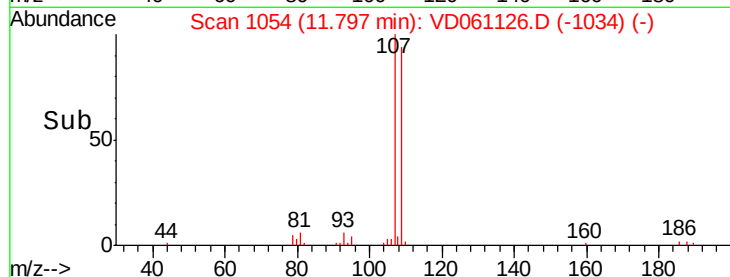
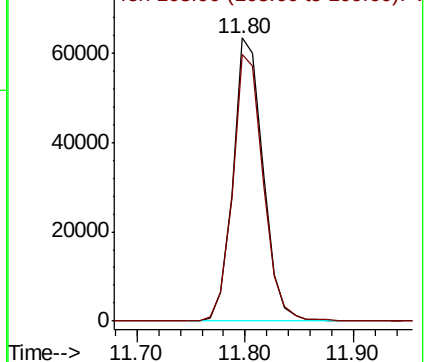
107 100

109 94.2 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: 21.243 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

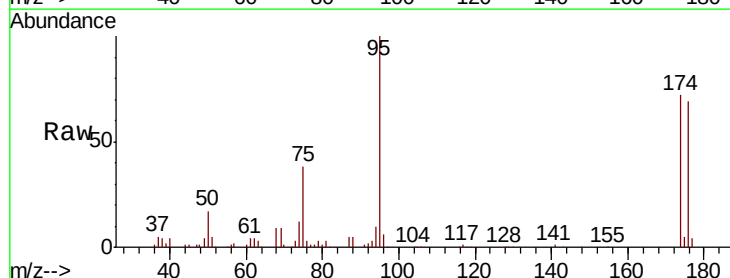
Tgt Ion: 95 Resp: 347280

Ion Ratio Lower Upper

95 100

174 71.8 0.0 155.6

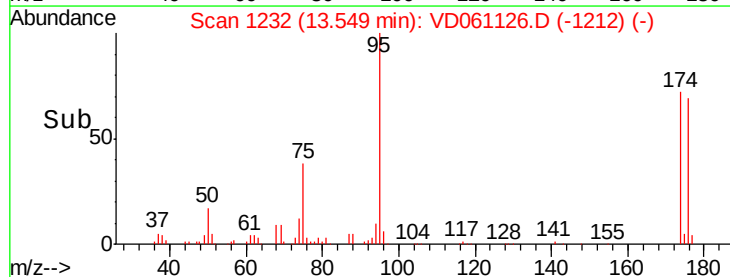
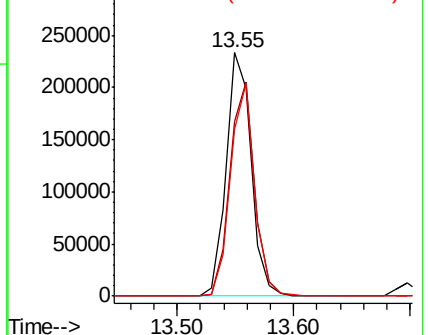
176 68.6 0.0 153.8

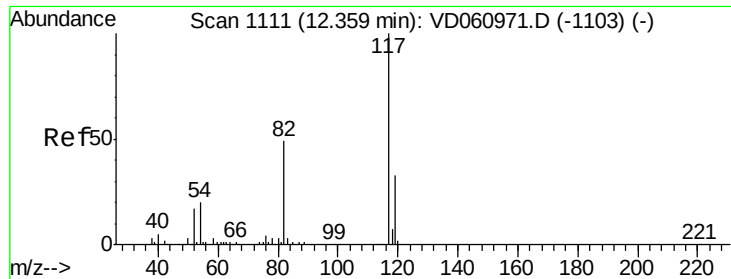


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

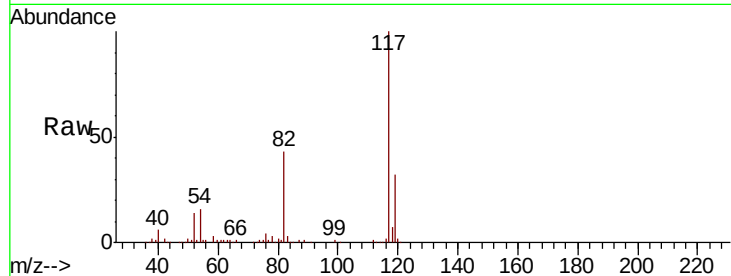
Ion 175.90 (175.60 to 176.60): V



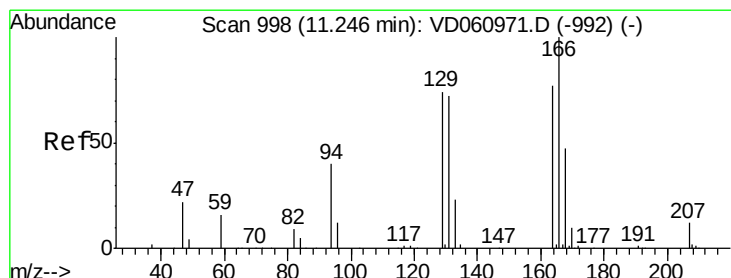
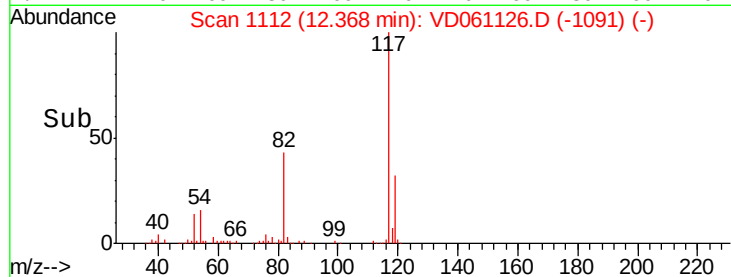
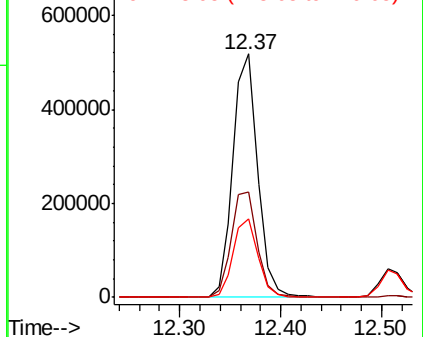


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	43.3	38.9	58.3
119	32.4	26.6	39.8

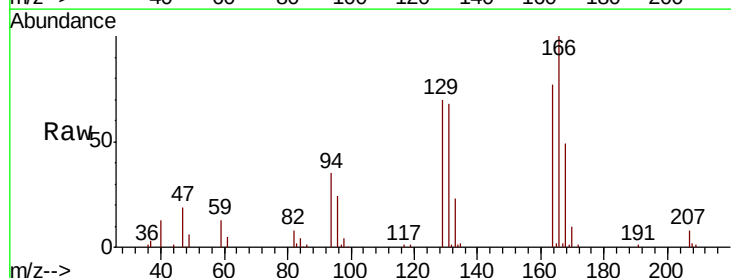


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

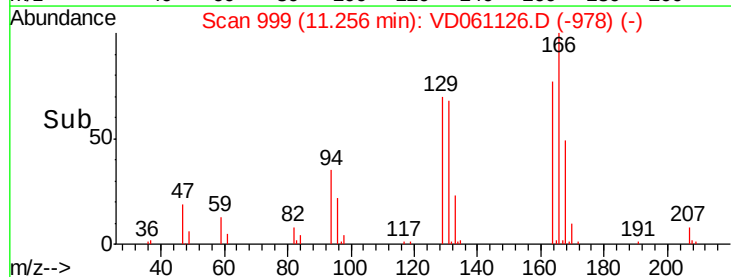
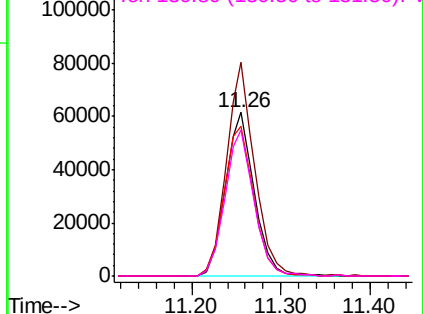


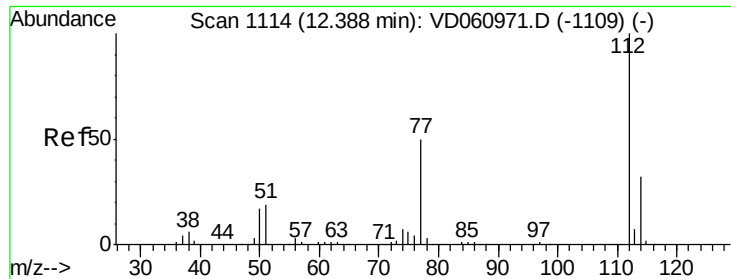
#64
Tetrachloroethene
Concen: 23.285 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	103.4	155.0
129	91.7	76.9	115.3
131	89.2	74.4	111.6



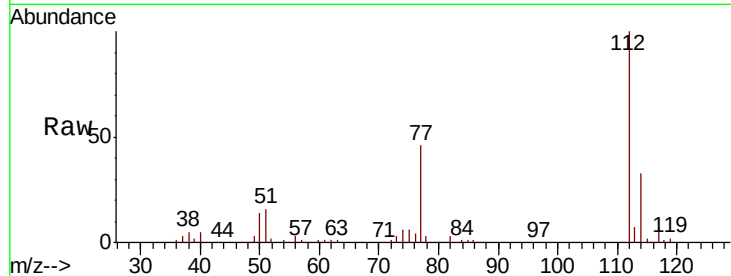
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



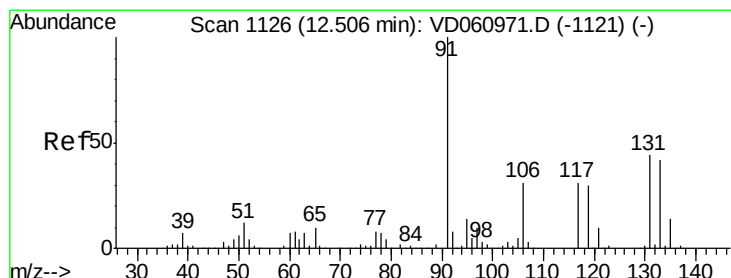
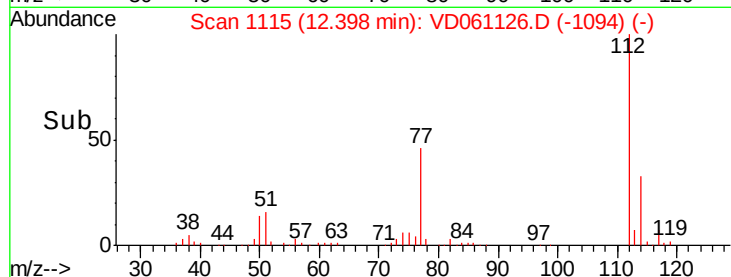
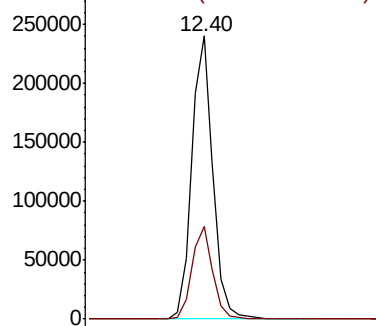


#65
Chlorobenzene
Concen: 22.964 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion:112 Resp: 398016
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0

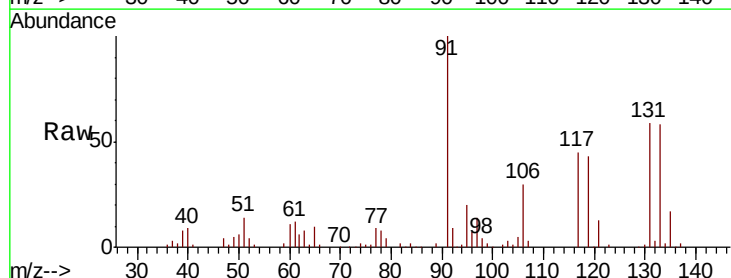


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

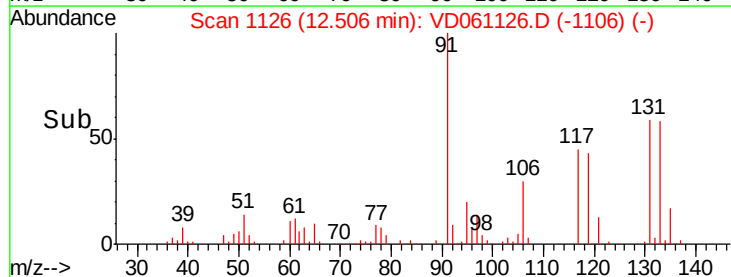
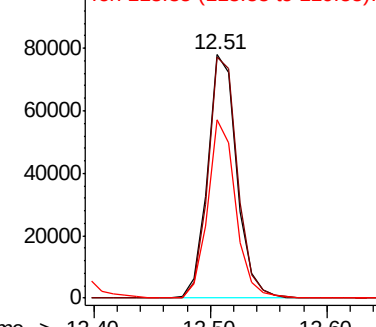


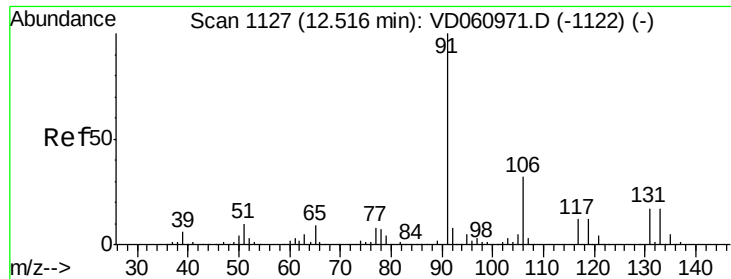
#66
1,1,1,2-Tetrachloroethane
Concen: 21.909 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion:131 Resp: 135361
Ion Ratio Lower Upper
131 100
133 98.8 47.8 143.3
119 73.4 34.3 102.9



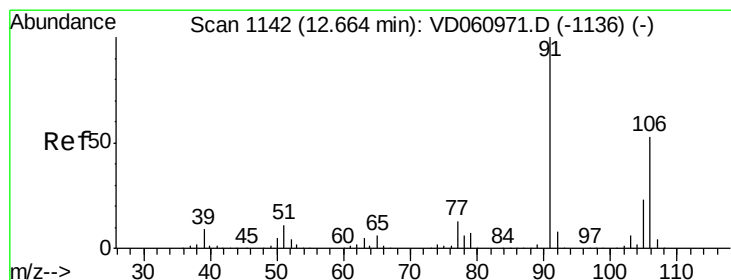
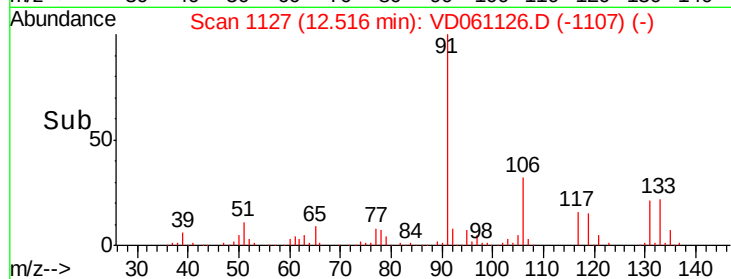
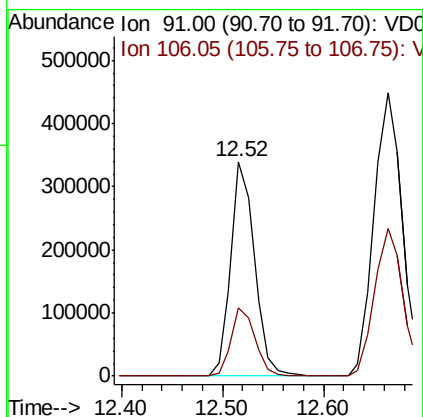
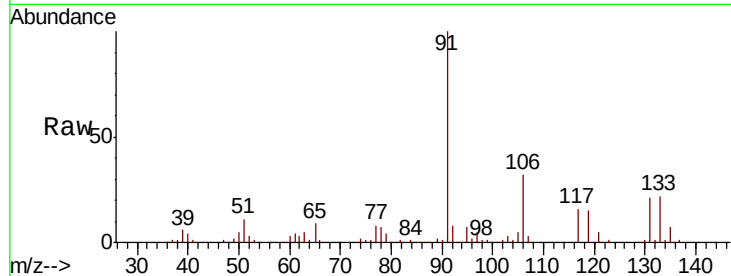
Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V





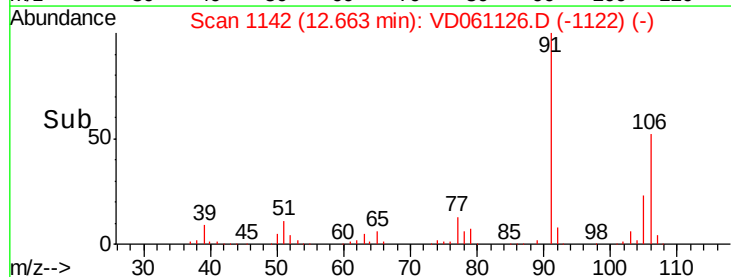
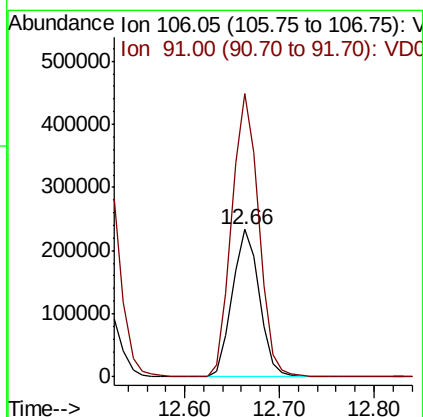
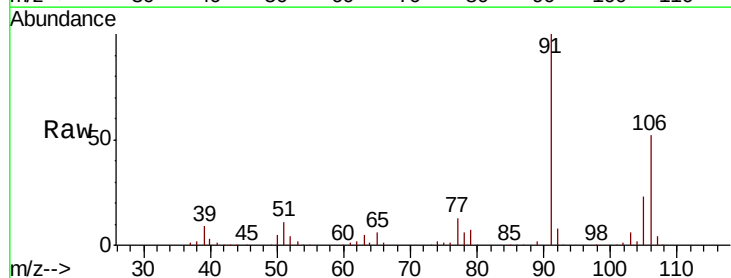
#67
Ethyl Benzene
Concen: 21.497 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

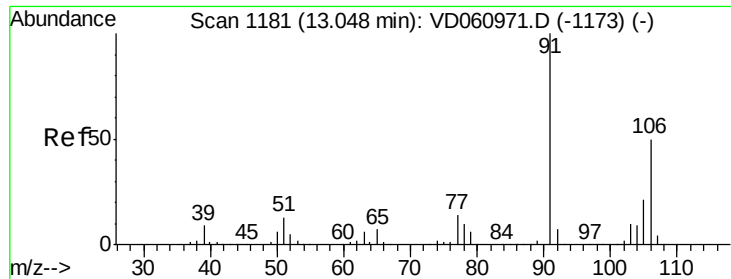
Tgt Ion: 91 Resp: 554718
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5



#68
m/p-Xylenes
Concen: 45.357 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

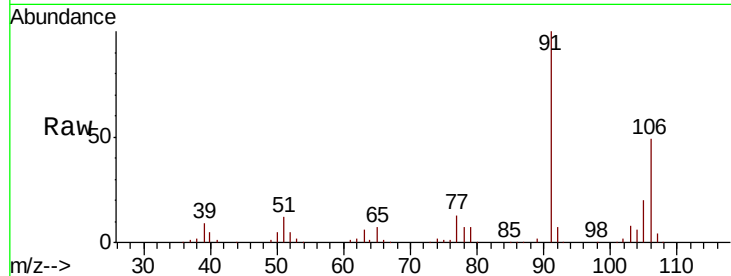
Tgt Ion: 106 Resp: 459372
Ion Ratio Lower Upper
106 100
91 192.0 152.0 228.0



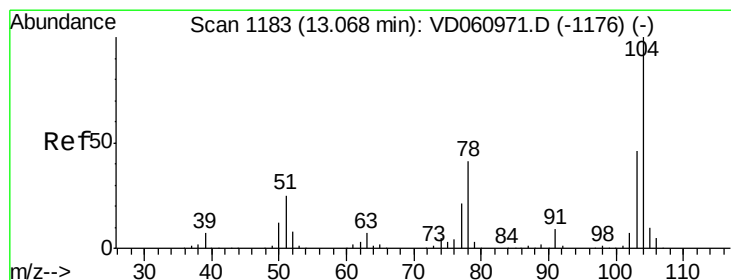
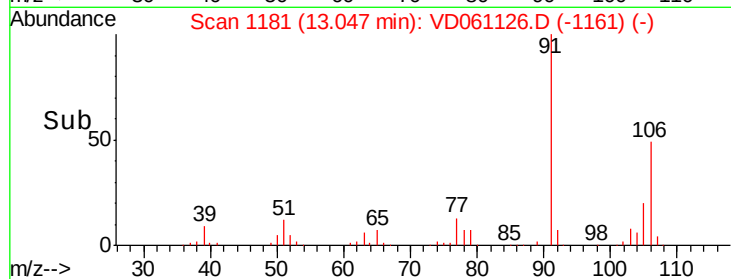
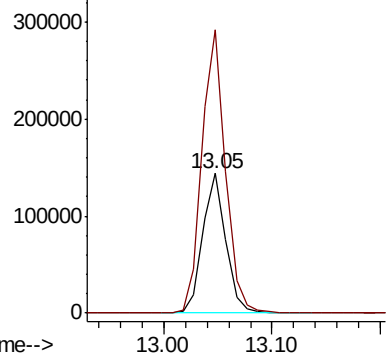


#69
o-Xylene
Concen: 21.475 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion:106 Resp: 213792
Ion Ratio Lower Upper
106 100
91 202.4 99.8 299.3

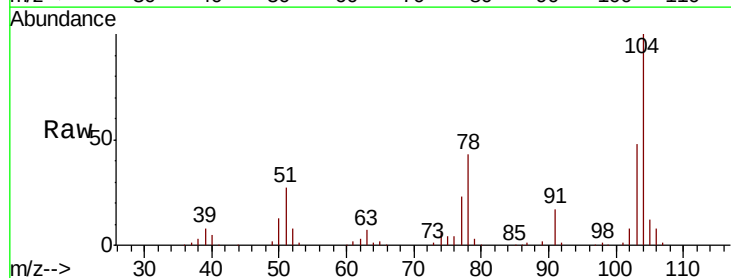


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

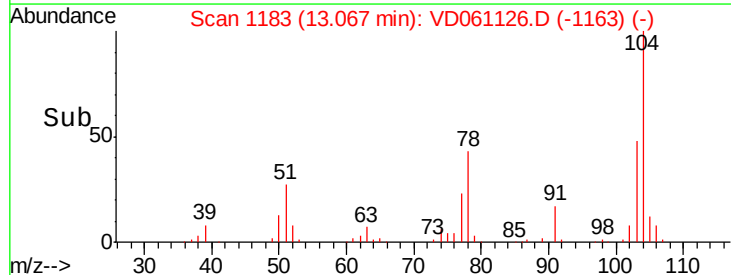
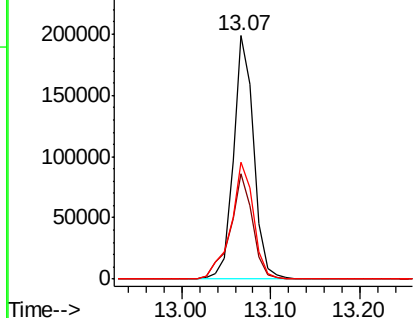


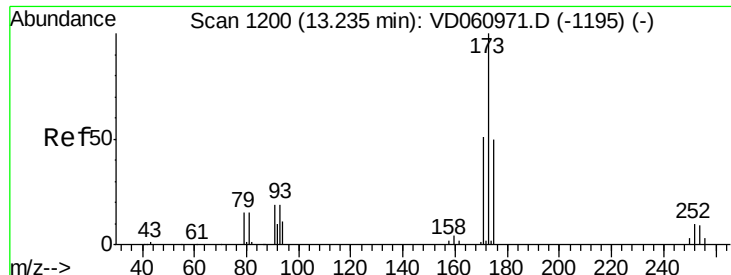
#70
Styrene
Concen: 19.522 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion:104 Resp: 317353
Ion Ratio Lower Upper
104 100
78 43.2 33.0 49.4
103 47.8 37.1 55.7



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





#71

Bromoform

Concen: 21.682 ug/l

RT: 13.23 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

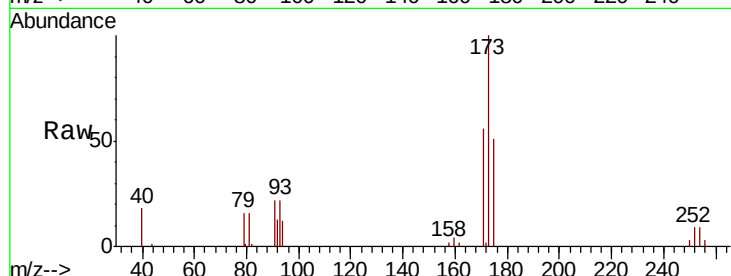
Tgt Ion:173 Resp: 86415

Ion Ratio Lower Upper

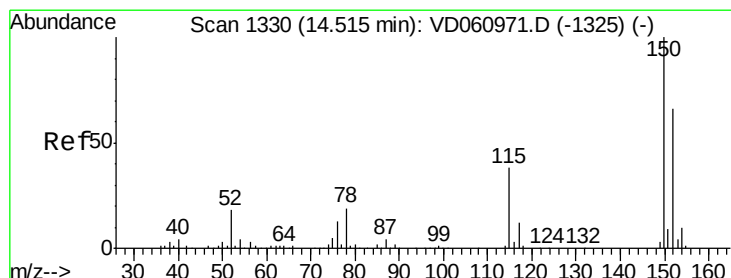
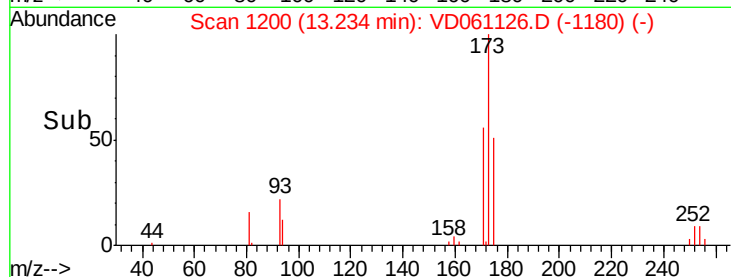
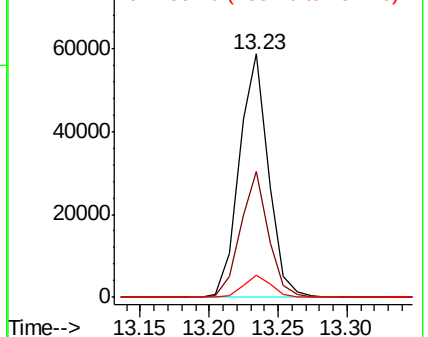
173 100

175 51.5 24.9 74.8

254 9.0 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: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

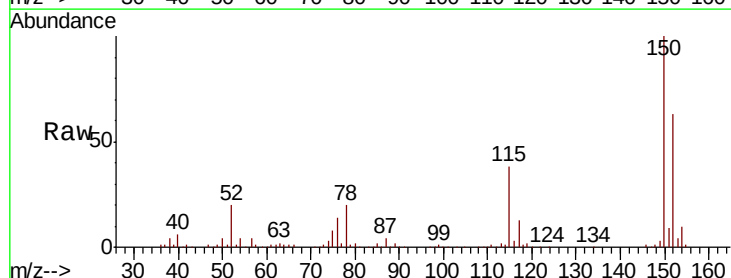
Tgt Ion:152 Resp: 362034

Ion Ratio Lower Upper

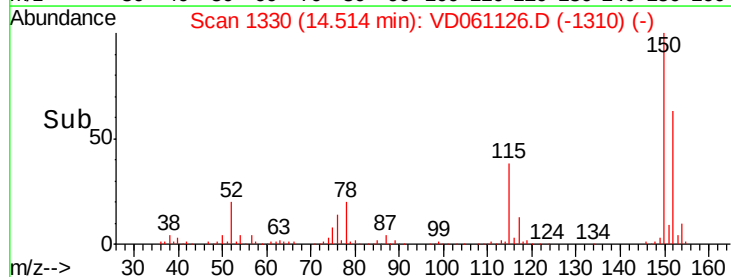
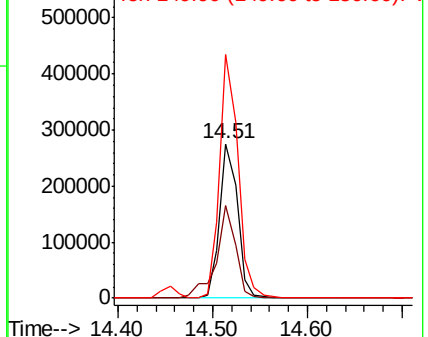
152 100

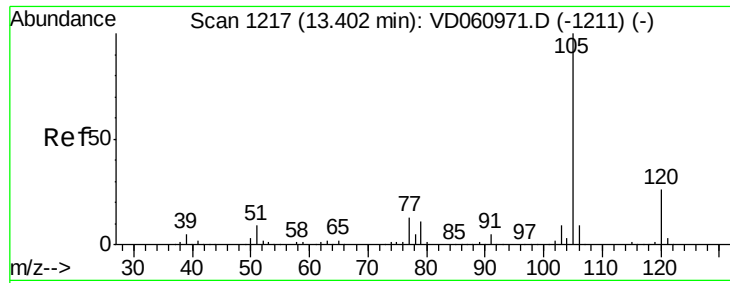
115 59.8 28.6 85.9

150 157.9 0.0 310.6



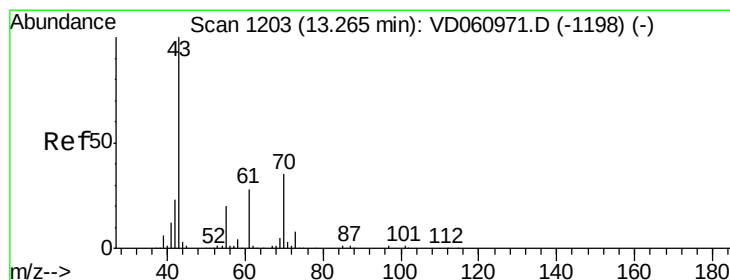
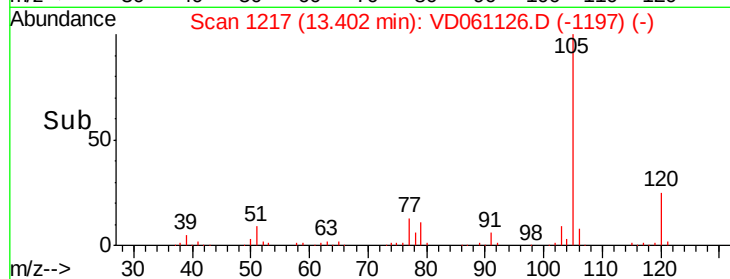
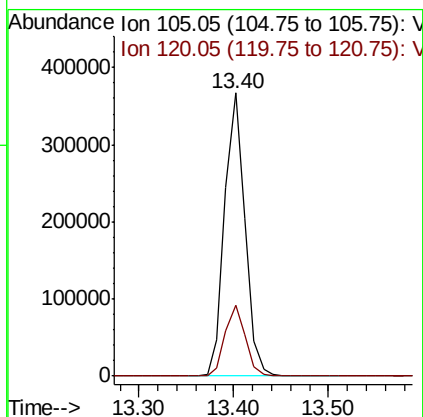
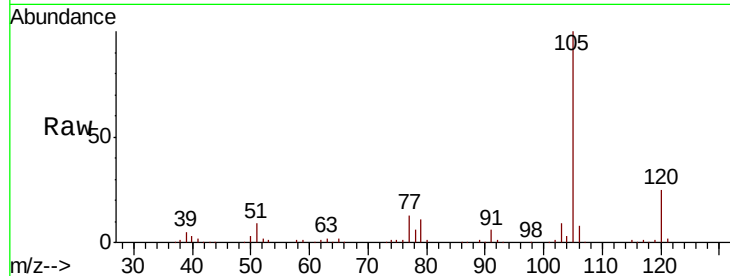
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





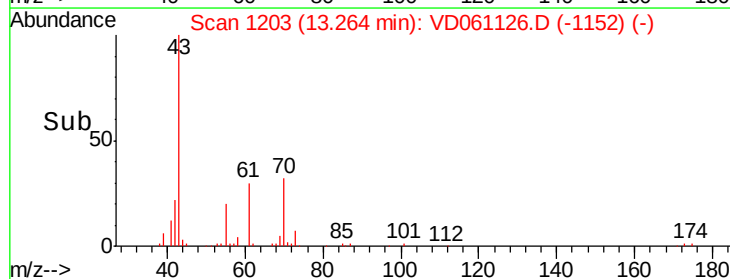
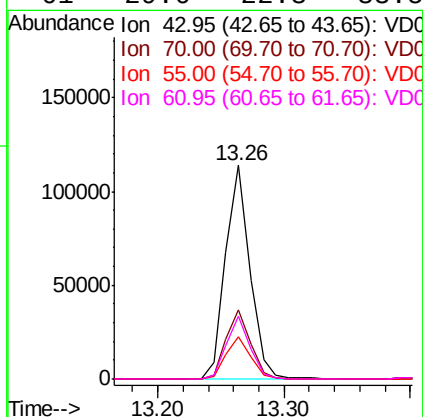
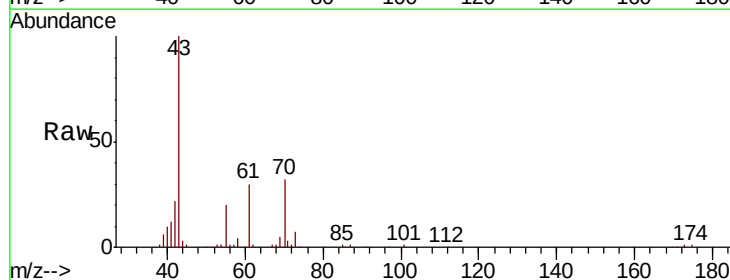
#73
Isopropylbenzene
Concen: 20.921 ug/l
RT: 13.40 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

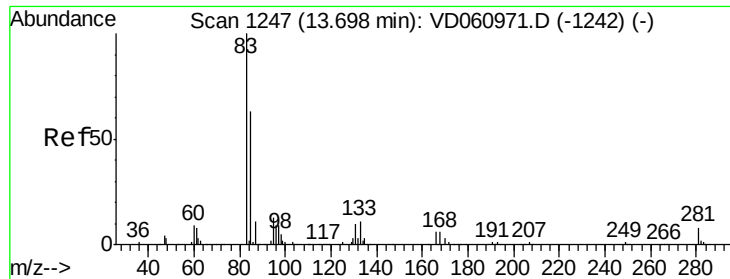
Tgt Ion: 105 Resp: 545848
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4



#74
N-ethyl acetate
Concen: 20.687 ug/l
RT: 13.26 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 43 Resp: 151982
Ion Ratio Lower Upper
43 100
70 32.5 27.7 41.5
55 19.6 16.2 24.2
61 29.6 22.3 33.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.886 ug/l

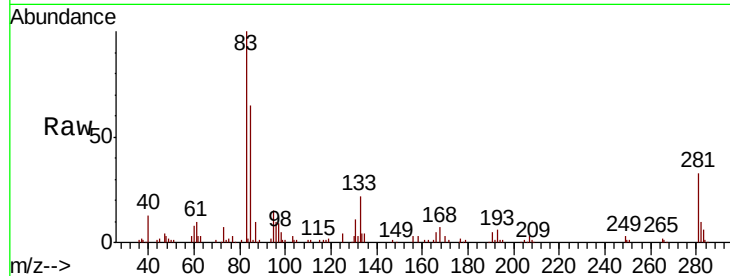
RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

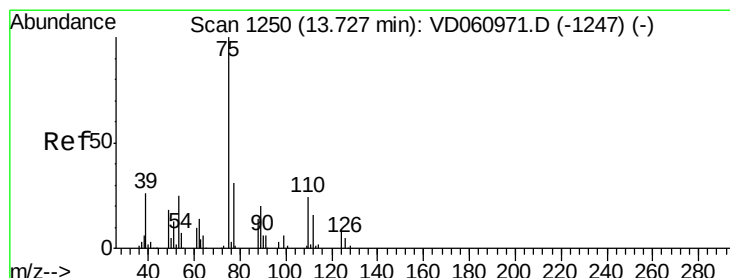
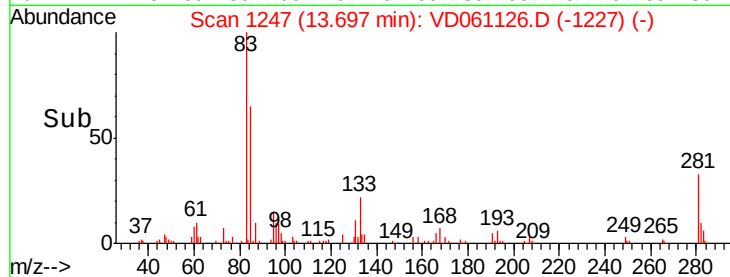
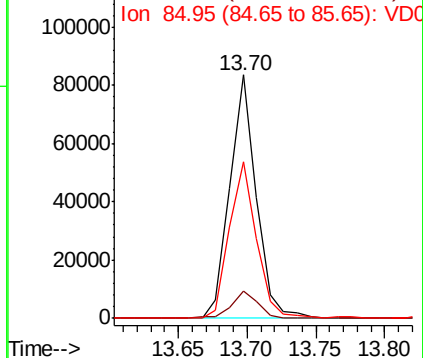
Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tgt Ion:	83	Resp:	111411
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.1	15.3
85	64.6	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: 22.409 ug/l

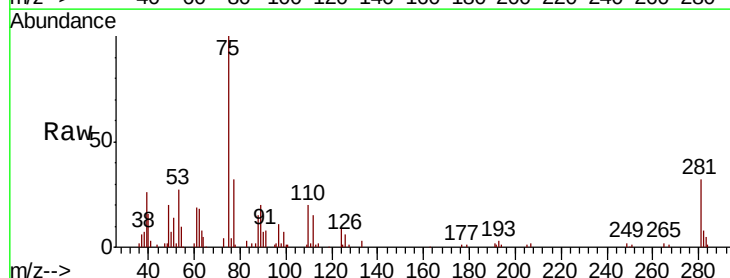
RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

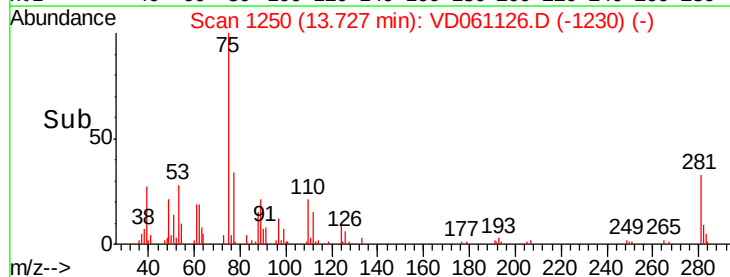
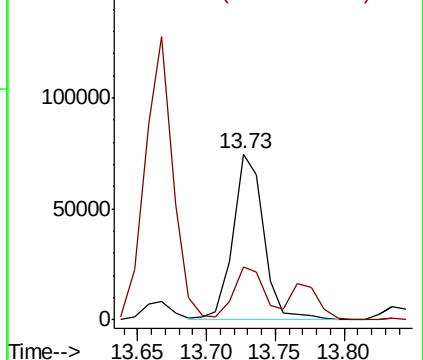
Lab File: VD061126.D

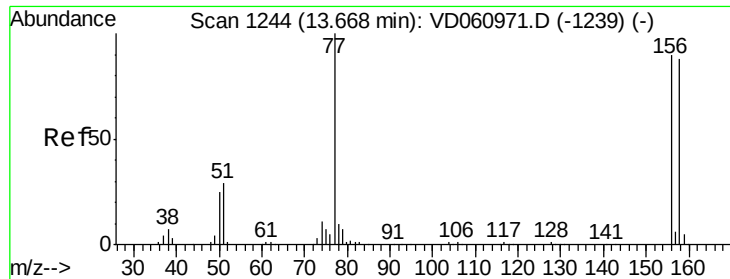
Acq: 17 Mar 2019 00:48

Tgt Ion:	75	Resp:	116717
Ion	Ratio	Lower	Upper
75	100		
77	32.3	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: 21.289 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

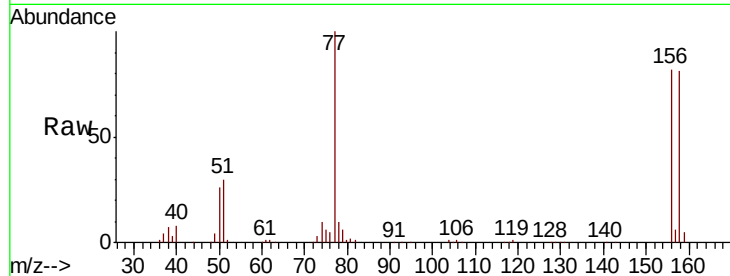
Tgt Ion: 156 Resp: 141789

Ion Ratio Lower Upper

156 100

77 122.3 55.5 166.7

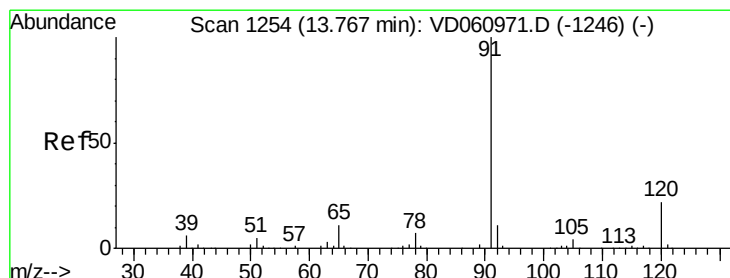
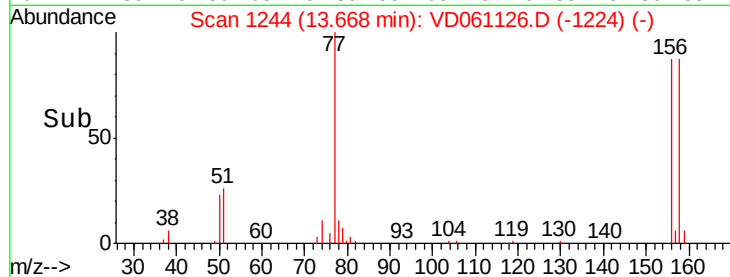
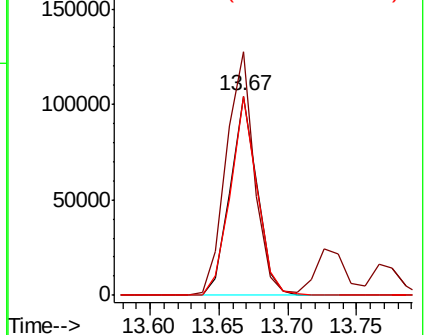
158 99.6 49.0 147.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 21.618 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD061126.D

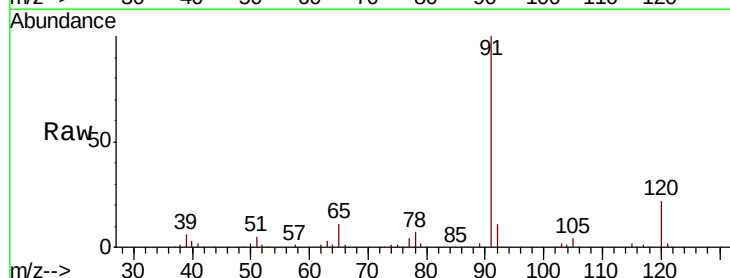
Acq: 17 Mar 2019 00:48

Tgt Ion: 91 Resp: 660311

Ion Ratio Lower Upper

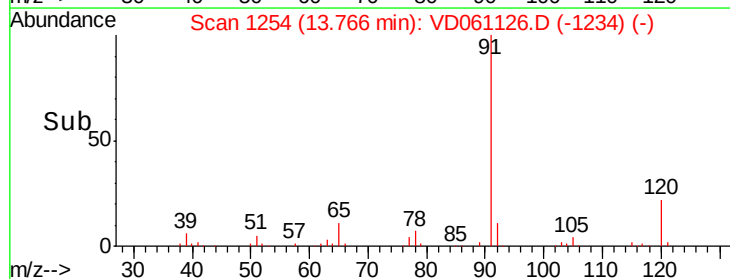
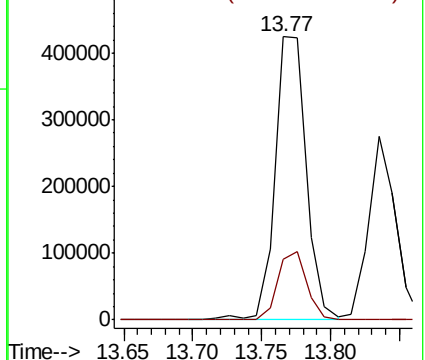
91 100

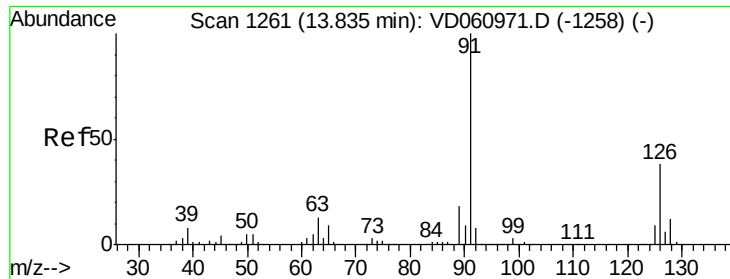
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

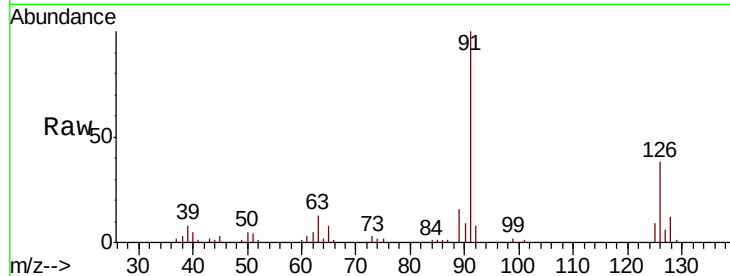
Ion 120.05 (119.75 to 120.75): V



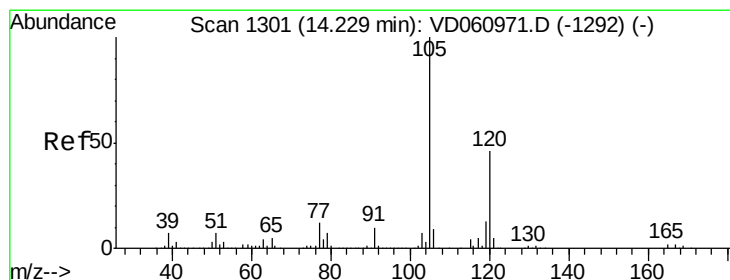
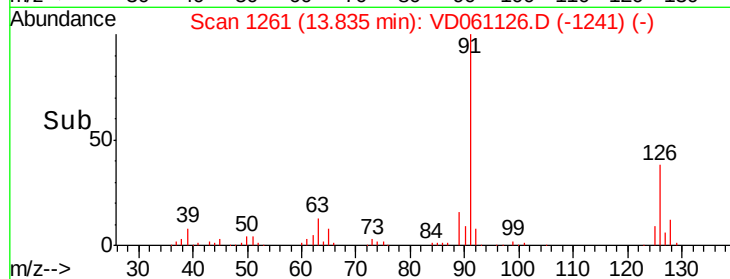
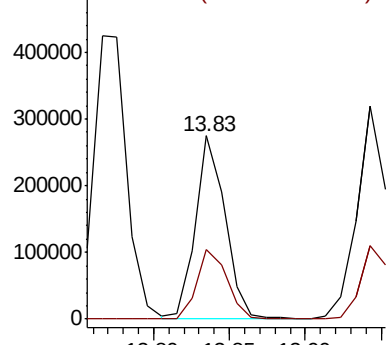


#79
 2-Chlorotoluene
 Concen: 22.222 ug/l
 RT: 13.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 91 Resp: 373679
 Ion Ratio Lower Upper
 91 100
 126 37.7 18.6 55.6

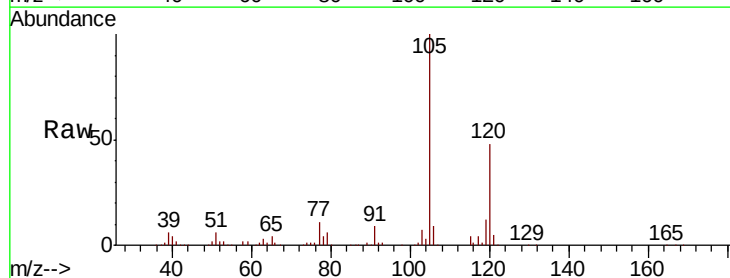


Abundance Ion 91.00 (90.70 to 91.70): VD060971.D (-1258) (-)
 Ion 125.95 (125.65 to 126.65): VD060971.D (-1258) (-)

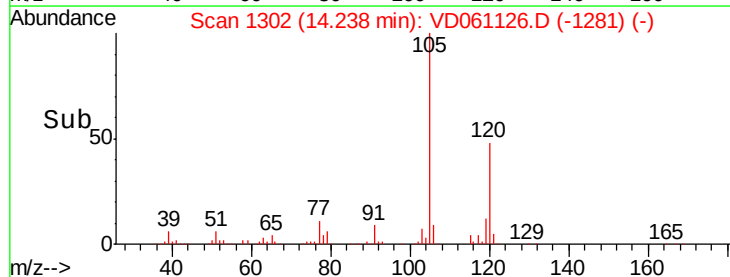
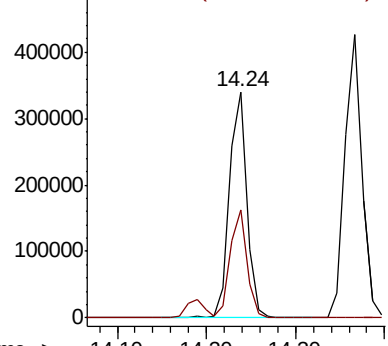


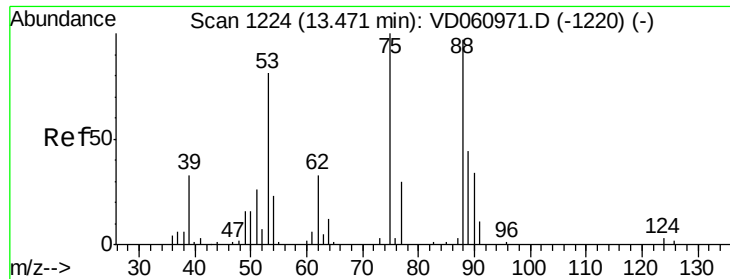
#80
 1,3,5-Trimethylbenzene
 Concen: 23.012 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 105 Resp: 455805
 Ion Ratio Lower Upper
 105 100
 120 47.6 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: 21.221 ug/l

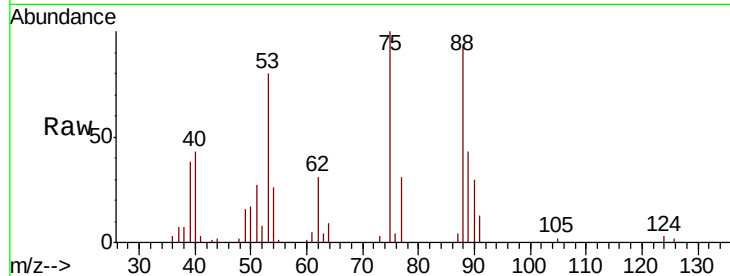
RT: 13.47 min Scan# 1224

Delta R.T. -0.00 min

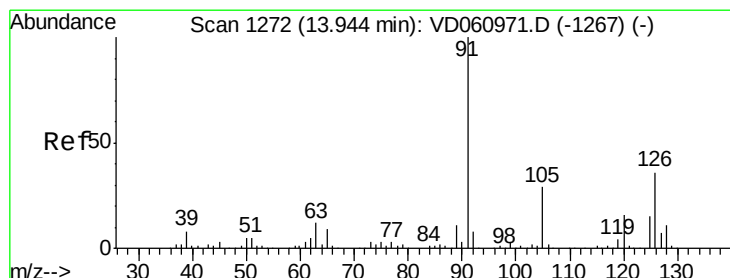
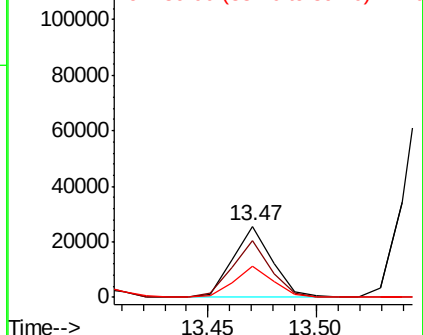
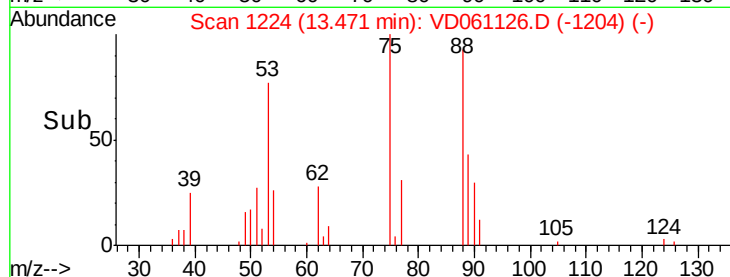
Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tgt Ion:	75	Resp:	32586
Ion	Ratio	Lower	Upper
75	100		
53	79.6	64.4	96.6
89	42.9	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: 22.043 ug/l

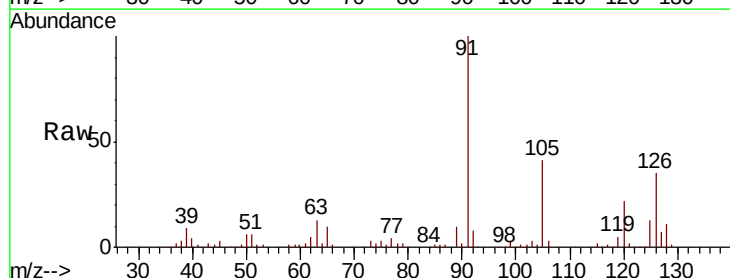
RT: 13.94 min Scan# 1272

Delta R.T. 0.00 min

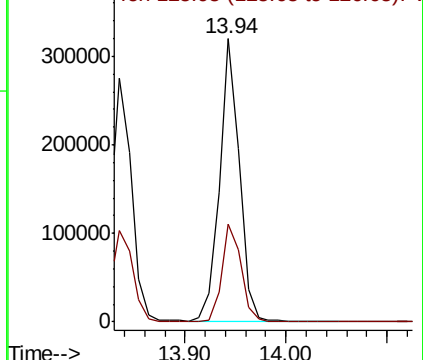
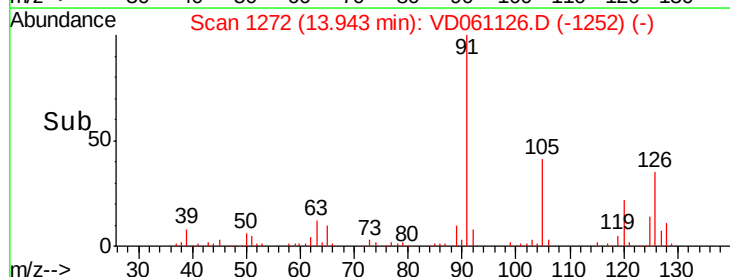
Lab File: VD061126.D

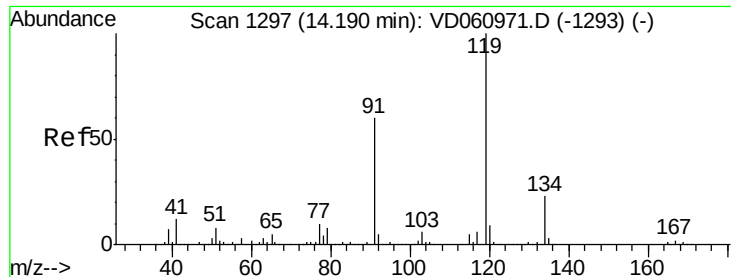
Acq: 17 Mar 2019 00:48

Tgt Ion:	91	Resp:	438218
Ion	Ratio	Lower	Upper
91	100		
126	34.6	18.0	54.0



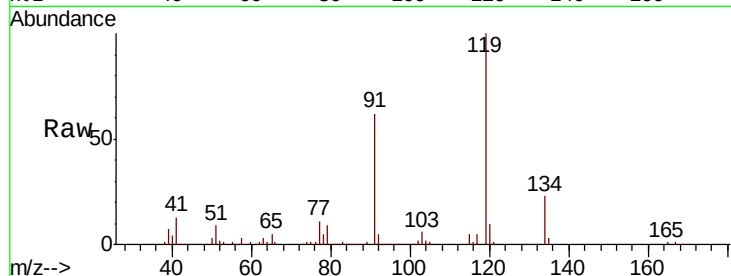
Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V



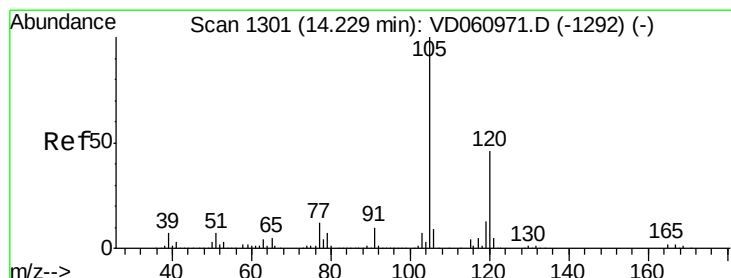
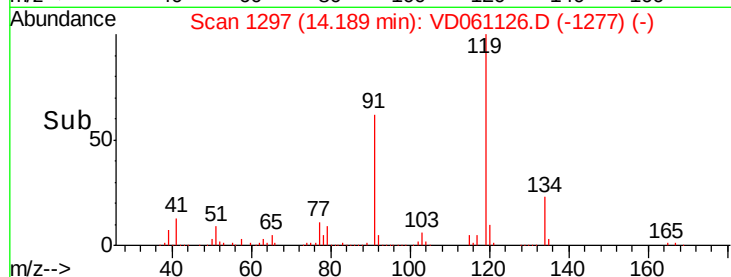
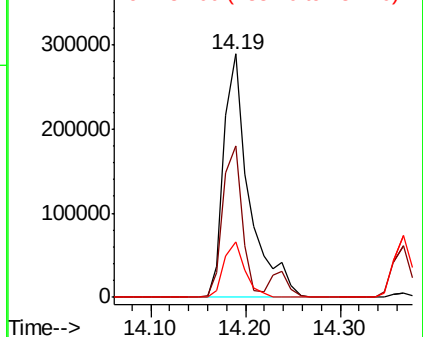


#83
 tert-Butylbenzene
 Concen: 24.937 ug/l
 RT: 14.19 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.2	30.1	90.3
134	23.0	11.6	34.7

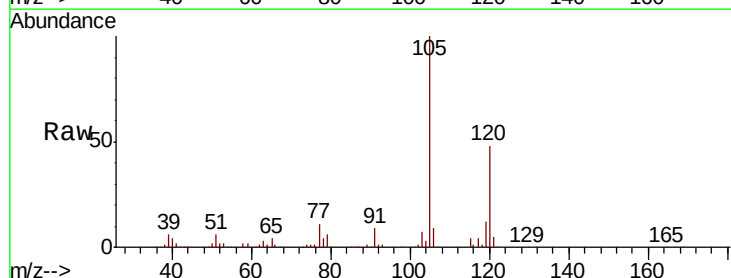


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): VD
 Ion 134.00 (133.70 to 134.70): V

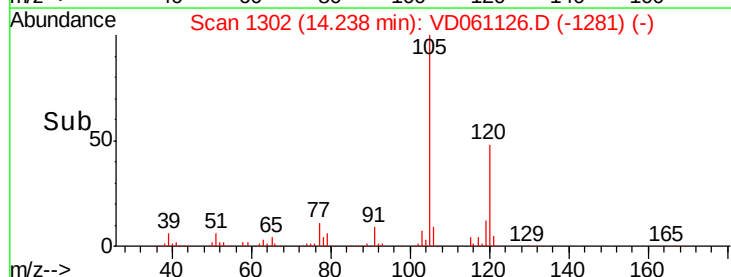
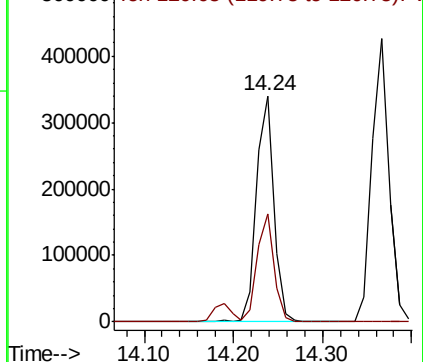


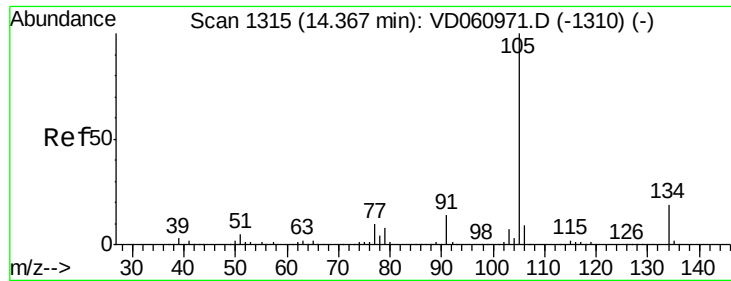
#84
 1,2,4-Trimethylbenzene
 Concen: 23.012 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.6	22.9	68.5



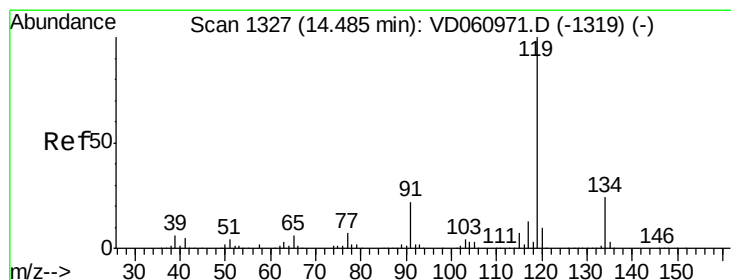
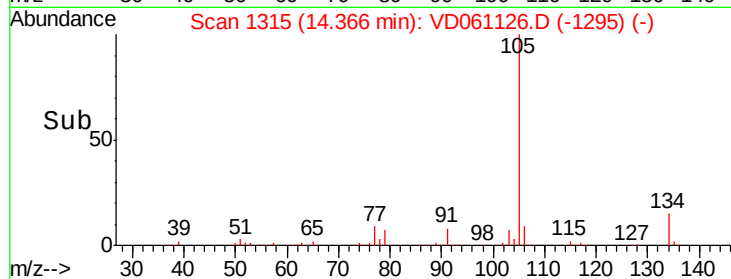
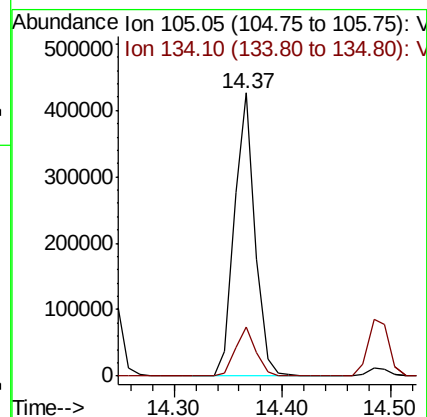
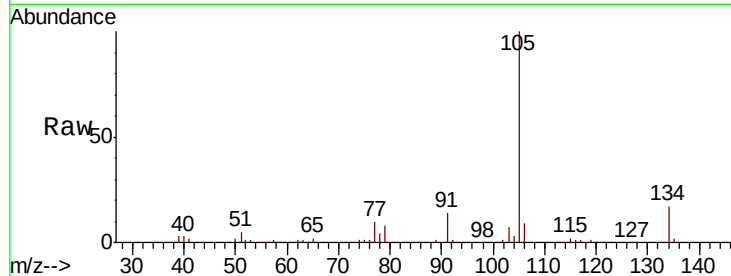
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





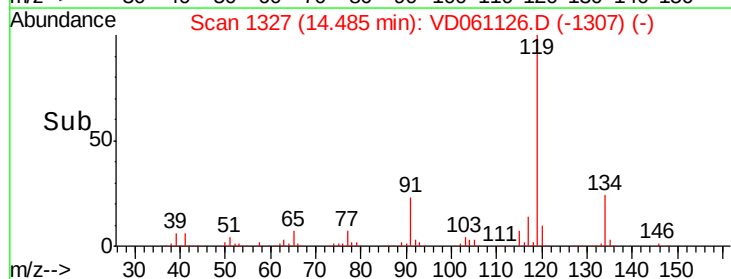
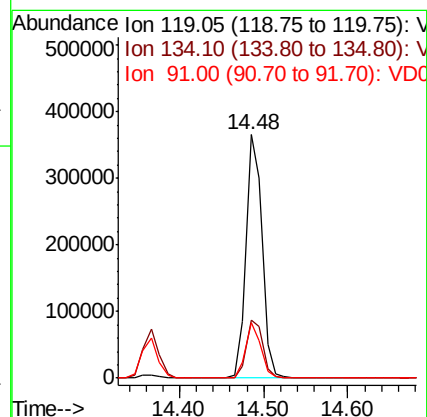
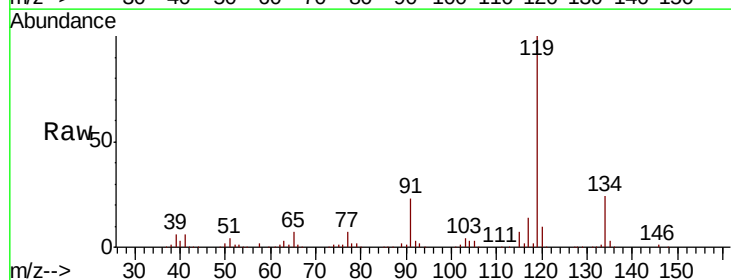
#85
 sec-Butylbenzene
 Concen: 21.143 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

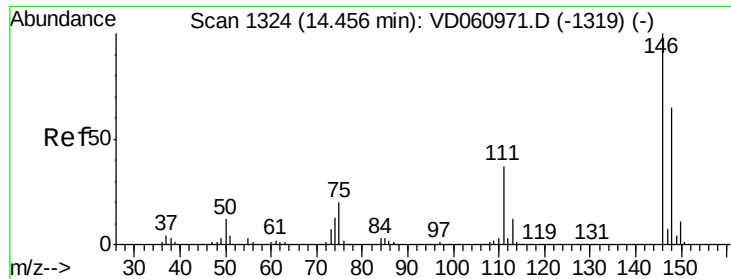
Tgt Ion:105 Resp: 559514
 Ion Ratio Lower Upper
 105 100
 134 17.2 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 22.408 ug/l
 RT: 14.48 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

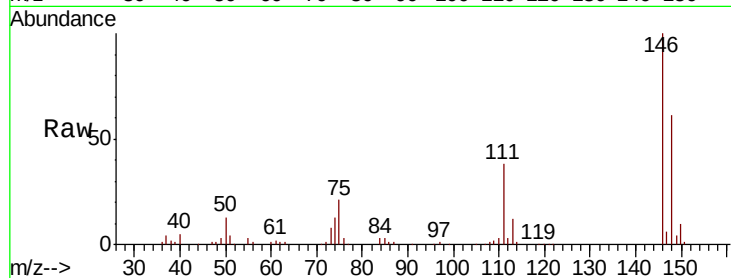
Tgt Ion:119 Resp: 484710
 Ion Ratio Lower Upper
 119 100
 134 23.6 12.0 36.1
 91 22.8 11.2 33.6



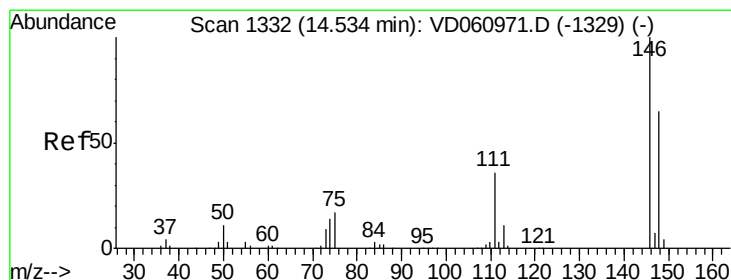
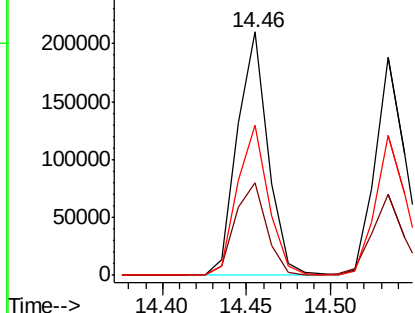
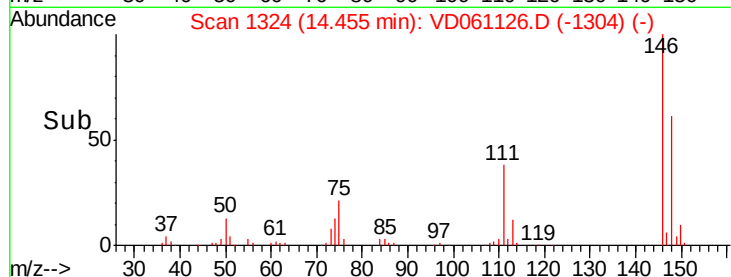


#87
 1,3-Dichlorobenzene
 Concen: 22.329 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.4
148	61.4	32.5	97.4

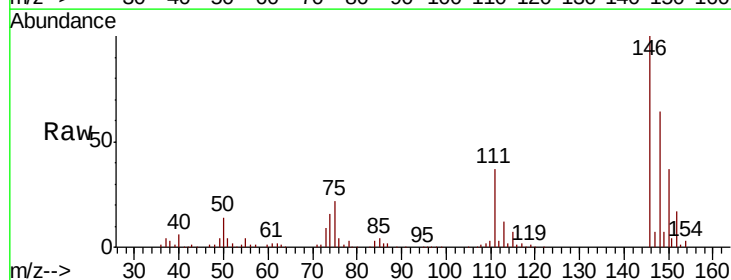


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

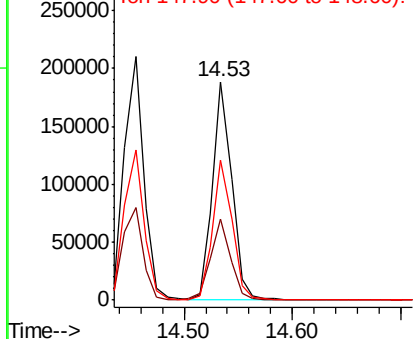
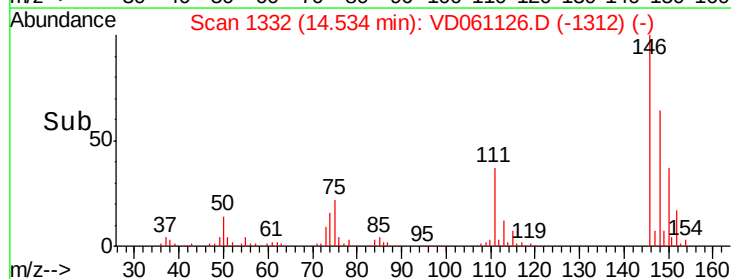


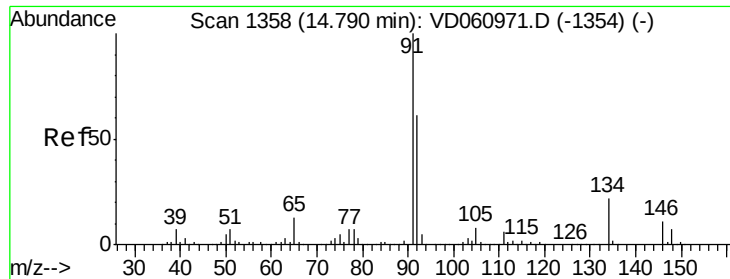
#88
 1,4-Dichlorobenzene
 Concen: 20.200 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.2
148	64.3	32.5	97.5



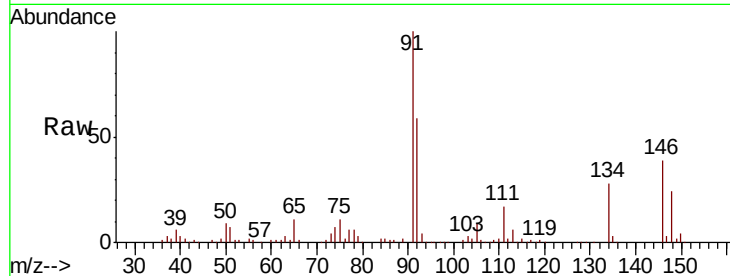
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



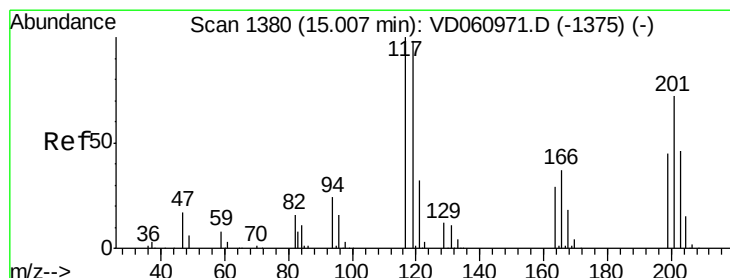
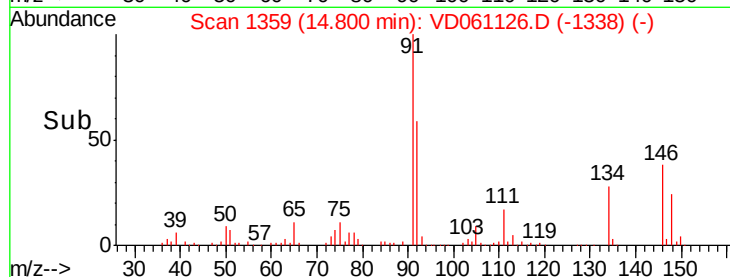
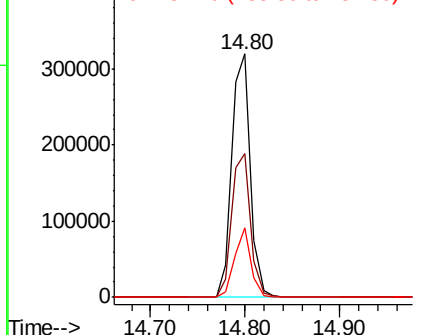


#89
n-Butylbenzene
Concen: 20.988 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 91 Resp: 435968
Ion Ratio Lower Upper
91 100
92 59.3 30.6 91.8
134 28.4 11.0 33.0

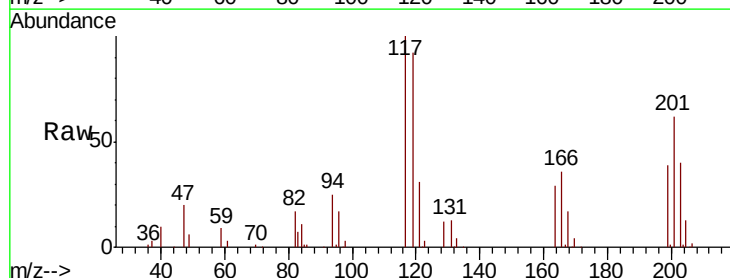


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): VDC

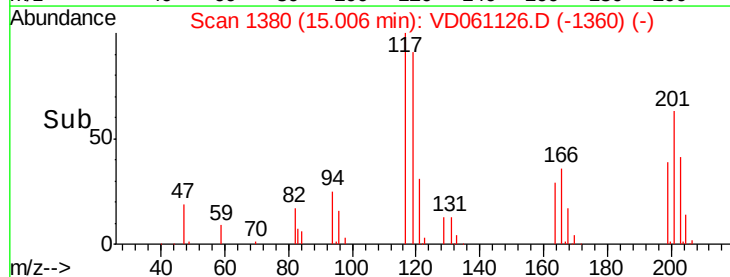
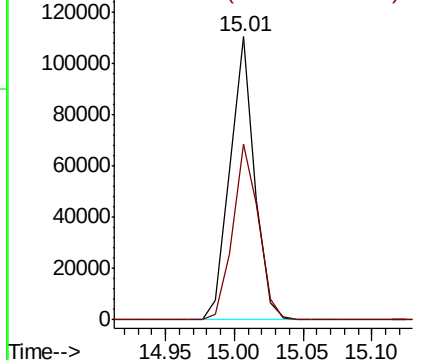


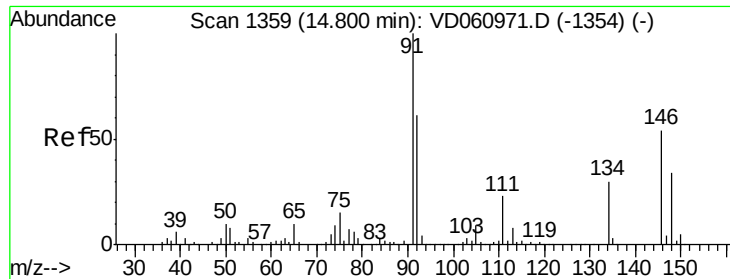
#90
Hexachloroethane
Concen: 22.313 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 117 Resp: 136290
Ion Ratio Lower Upper
117 100
201 62.3 36.2 108.6



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





#91

1,2-Dichlorobenzene

Concen: 22.553 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

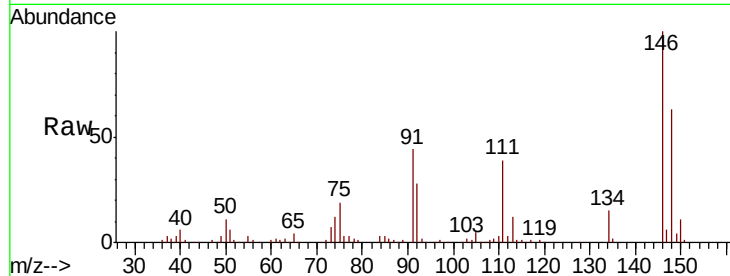
Tgt Ion:146 Resp: 223608

Ion Ratio Lower Upper

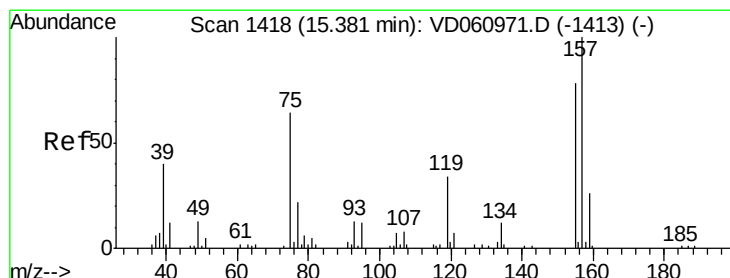
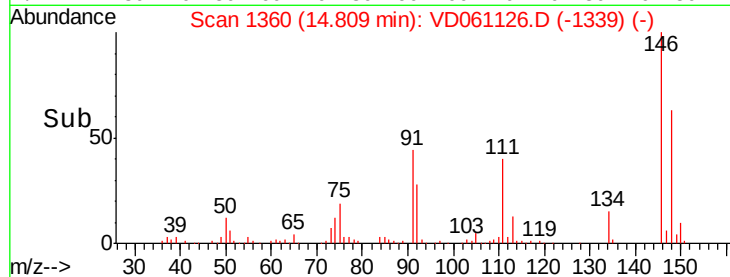
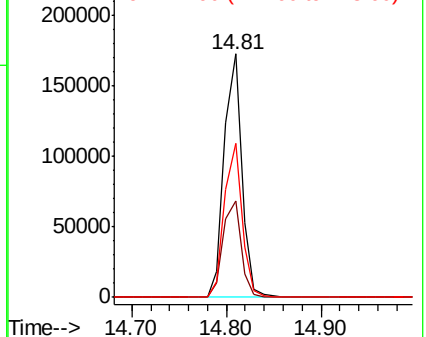
146 100

111 39.4 21.5 64.5

148 63.4 30.9 92.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.859 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

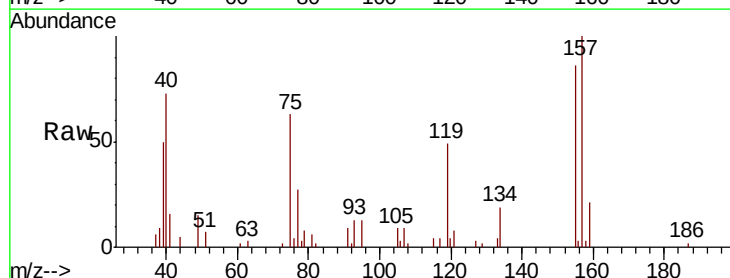
Tgt Ion: 75 Resp: 12182

Ion Ratio Lower Upper

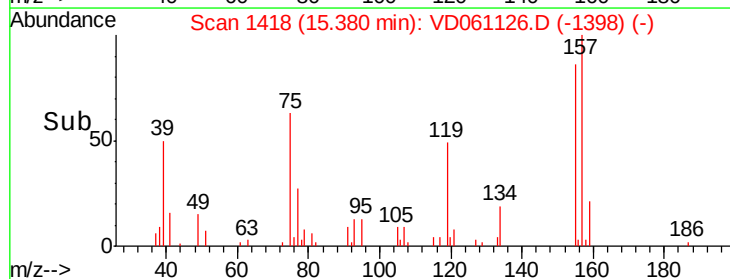
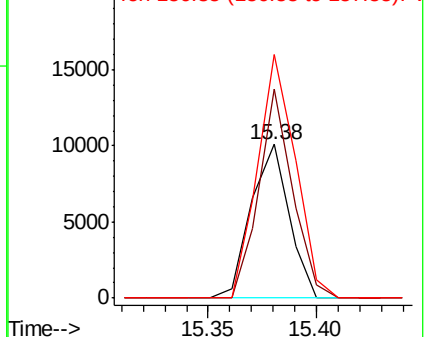
75 100

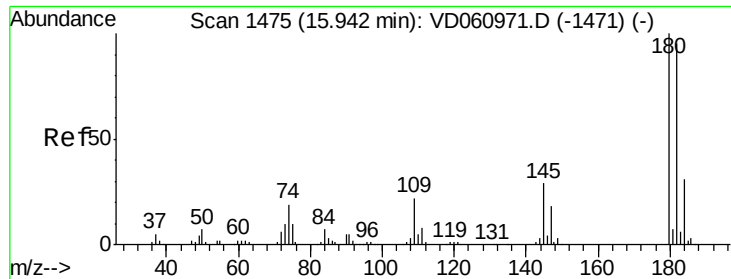
155 136.3 61.2 183.5

157 158.5 78.3 234.8



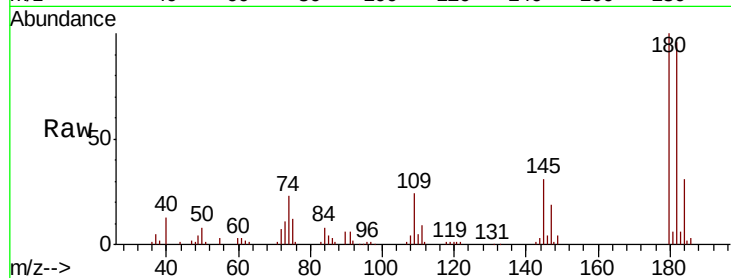
Abundance Ion 75.00 (74.70 to 75.70): V
Ion 154.90 (154.60 to 155.60): V
Ion 156.85 (156.55 to 157.55): V



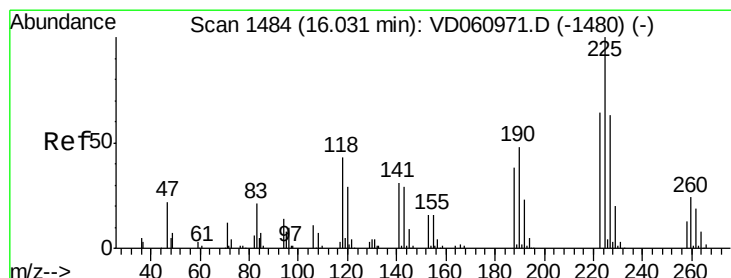
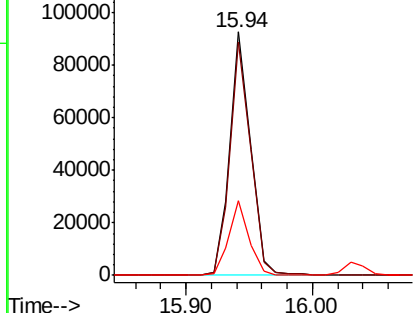
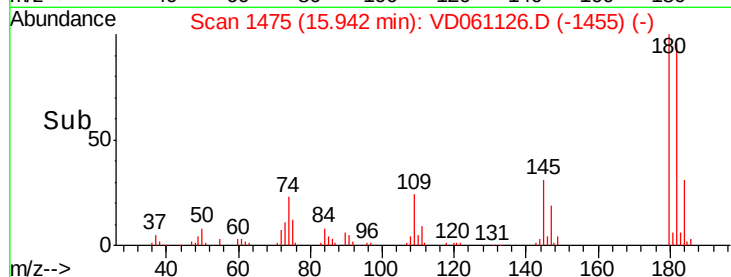


#93
 1,2,4-Trichlorobenzene
 Concen: 22.809 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion:180 Resp: 104909
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 142.0
 145 30.7 14.4 43.0

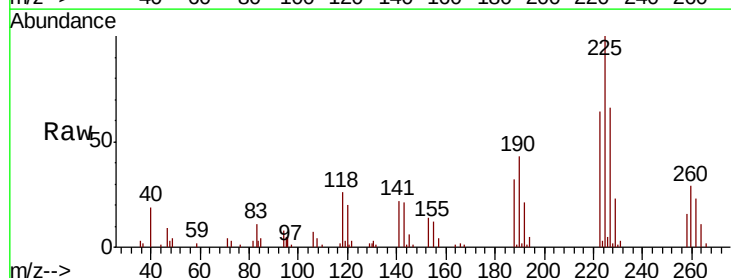


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

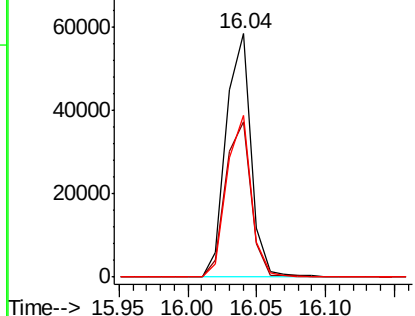
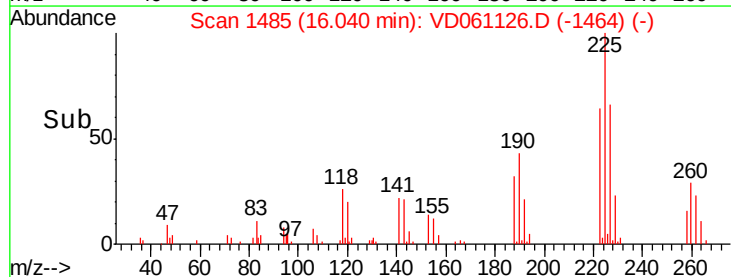


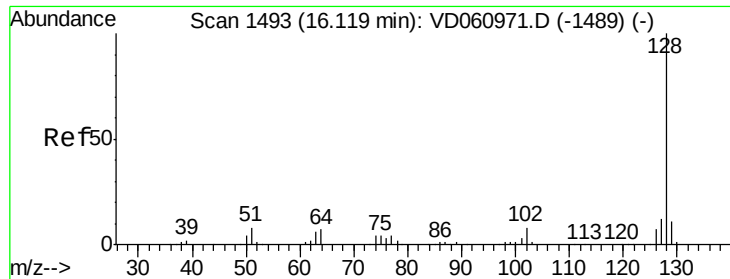
#94
 Hexachlorobutadiene
 Concen: 21.057 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion:225 Resp: 73255
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.8 95.3
 227 66.4 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: 25.219 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

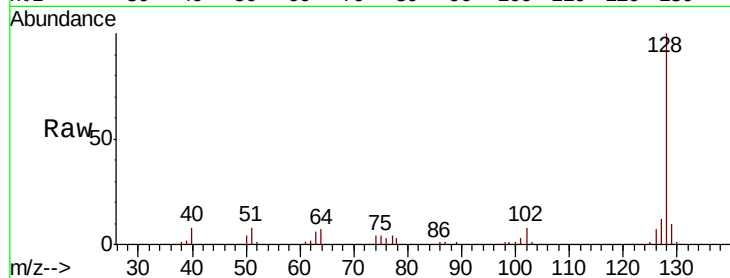
Tgt Ion:128 Resp: 176264

Ion Ratio Lower Upper

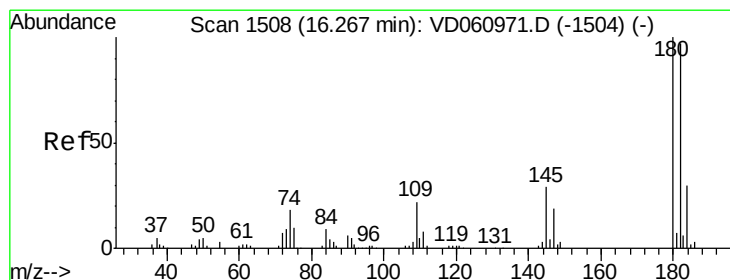
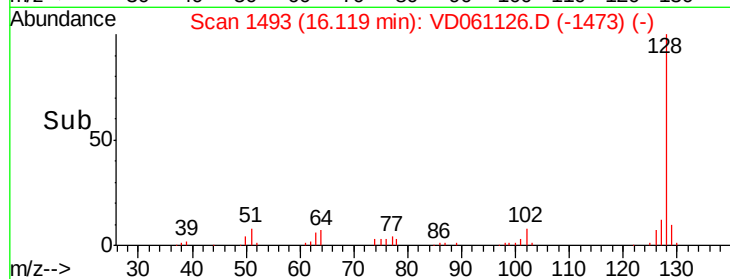
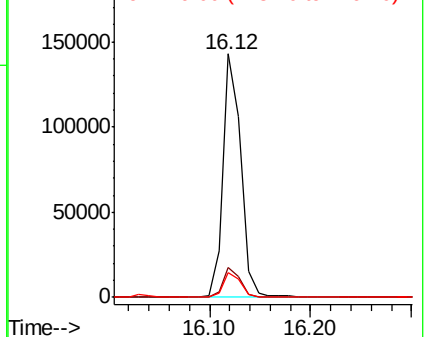
128 100

127 12.3 9.8 14.8

129 10.1 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: 23.886 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

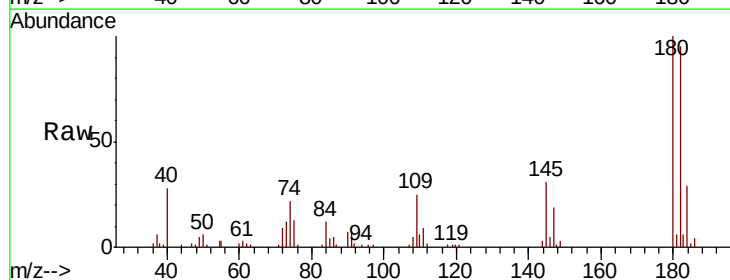
Tgt Ion:180 Resp: 54261

Ion Ratio Lower Upper

180 100

182 95.2 48.6 145.8

145 31.1 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

