

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
 Data File : VD061125.D
 Acq On : 17 Mar 2019 00:21
 Operator : VA/AP
 Sample : VD0316SBS02
 Misc : 6.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 18 02:30:22 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	7.04	168	570159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	969678	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	846407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	372155	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	247475	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	6.92	113	372422	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	10.41	98	898749	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	13.55	95	350656	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	118247	20.937	ug/l	99
3) Chloromethane	1.76	50	105147	22.349	ug/l	96
4) Vinyl Chloride	1.85	62	89883	20.675	ug/l	96
5) Bromomethane	2.15	94	15961	17.997	ug/l	86
6) Chloroethane	2.26	64	25113	19.299	ug/l	94
7) Trichlorofluoromethane	2.53	101	131314	21.026	ug/l	99
8) Diethyl Ether	2.88	74	47627	23.117	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.15	101	158600	22.715	ug/l	97
10) Methyl Iodide	3.30	142	176680	20.230	ug/l	97
11) Tert butyl alcohol	4.06	59	32477	107.492	ug/l #	94
12) 1,1-Dichloroethene	3.12	96	130219	22.753	ug/l	98
13) Acrolein	3.03	56	32077	73.376	ug/l	93
14) Allyl chloride	3.62	41	202803	22.147	ug/l	100
15) Acrylonitrile	4.20	53	122437	114.659	ug/l	99
16) Acetone	3.22	43	127763	94.142	ug/l	98
17) Carbon Disulfide	3.38	76	392633	20.337	ug/l	98
18) Methyl Acetate	3.64	43	65037	24.351	ug/l	95
19) Methyl tert-butyl Ether	4.24	73	239495	23.878	ug/l	98
20) Methylene Chloride	3.81	84	155504	22.572	ug/l	95
21) trans-1,2-Dichloroethene	4.23	96	131074	21.159	ug/l	96
22) Diisopropyl ether	5.11	45	425896	22.405	ug/l	98
23) Vinyl Acetate	5.05	43	1131904	115.993	ug/l	98
24) 1,1-Dichloroethane	4.98	63	238551	22.904	ug/l	99
25) 2-Butanone	6.06	43	167332	108.659	ug/l	98
26) 2,2-Dichloropropane	6.02	77	174026	21.404	ug/l	97
27) cis-1,2-Dichloroethene	6.04	96	154931	23.573	ug/l	93
28) Bromochloromethane	6.43	49	88890	20.160	ug/l	100
29) Tetrahydrofuran	6.45	42	95693	114.437	ug/l	97
30) Chloroform	6.66	83	245313	22.726	ug/l	99
31) Cyclohexane	6.95	56	164310	19.565	ug/l	94
32) 1,1,1-Trichloroethane	6.86	97	200493	21.484	ug/l	95
36) 1,1-Dichloropropene	7.14	75	182505	21.835	ug/l	98
37) Ethyl Acetate	6.18	43	89090	22.714	ug/l	100
38) Carbon Tetrachloride	7.11	117	203927	22.149	ug/l	99

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Quant Time: Mar 18 02:30:22 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

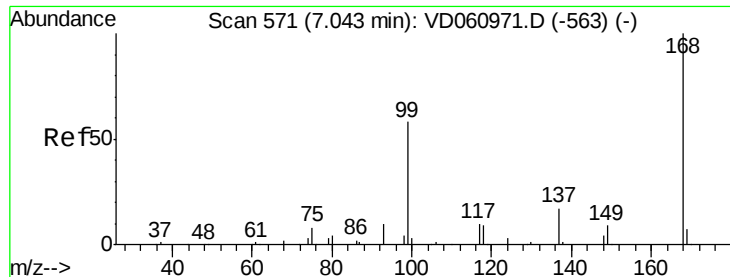
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	184325	21.267	ug/l	99
40) Benzene	7.46	78	439942	21.064	ug/l	100
41) Methacrylonitrile	6.45	41	102795	22.785	ug/l #	92
42) 1,2-Dichloroethane	7.57	62	136886	22.585	ug/l	95
43) Isopropyl Acetate	9.23	43	126451	23.276	ug/l #	100
44) Trichloroethene	8.54	130	160284	22.245	ug/l	96
45) 1,2-Dichloropropane	8.93	63	119924	21.855	ug/l	97
46) Dibromomethane	9.06	93	84041	24.145	ug/l	96
47) Bromodichloromethane	9.37	83	174539	22.222	ug/l	99
48) Methyl methacrylate	9.12	41	78904	25.796	ug/l	98
49) 1,4-Dioxane	9.08	88	14731	476.278	ug/l #	92
51) 4-Methyl-2-Pentanone	10.30	43	387846	116.535	ug/l	97
52) Toluene	10.51	92	305167	23.497	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	149893	20.871	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	199411	23.109	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	100637	23.268	ug/l	96
56) Ethyl methacrylate	11.04	69	110335	24.372	ug/l	97
57) 1,3-Dichloropropane	11.40	76	156924	24.279	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	277413	115.766	ug/l	99
59) 2-Hexanone	11.53	43	295377	121.329	ug/l	99
60) Dibromochloromethane	11.68	129	162935	25.597	ug/l	95
61) 1,2-Dibromoethane	11.80	107	118469	23.546	ug/l	99
64) Tetrachloroethene	11.25	164	135577	23.729	ug/l	97
65) Chlorobenzene	12.40	112	363492	21.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	145356	24.575	ug/l	99
67) Ethyl Benzene	12.52	91	548847	22.218	ug/l	98
68) m/p-Xylenes	12.66	106	432815	44.639	ug/l	98
69) o-Xylene	13.05	106	209300	21.961	ug/l	98
70) Styrene	13.07	104	333682	21.441	ug/l	99
71) Bromoform	13.23	173	88812	23.276	ug/l	98
73) Isopropylbenzene	13.40	105	589778	21.990	ug/l	100
74) N-amyl acetate	13.26	43	153495	20.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	116113	22.189	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	122725	22.922	ug/l	97
77) Bromobenzene	13.67	156	154355	22.545	ug/l	94
78) n-propylbenzene	13.78	91	681275	21.698	ug/l	95
79) 2-Chlorotoluene	13.83	91	388700	22.486	ug/l	96
80) 1,3,5-Trimethylbenzene	14.24	105	459416	22.563	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	33952	21.509	ug/l	97
82) 4-Chlorotoluene	13.94	91	419078	20.507	ug/l	96
83) tert-Butylbenzene	14.19	119	537649	24.128	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	459416	22.563	ug/l	97
85) sec-Butylbenzene	14.37	105	594283	21.846	ug/l	99
86) p-Isopropyltoluene	14.48	119	473708	21.304	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	272516	22.291	ug/l	99
88) 1,4-Dichlorobenzene	14.53	146	269374	22.422	ug/l	96
89) n-Butylbenzene	14.80	91	430605	20.166	ug/l	96
90) Hexachloroethane	15.01	117	122967	19.585	ug/l	93
91) 1,2-Dichlorobenzene	14.81	146	241440	23.690	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14433	22.888	ug/l	91

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	112445	23.783	ug/l	99
94) Hexachlorobutadiene	16.04	225	79573	22.251	ug/l	98
95) Naphthalene	16.12	128	188403	26.223	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	59656	25.547	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061125.D

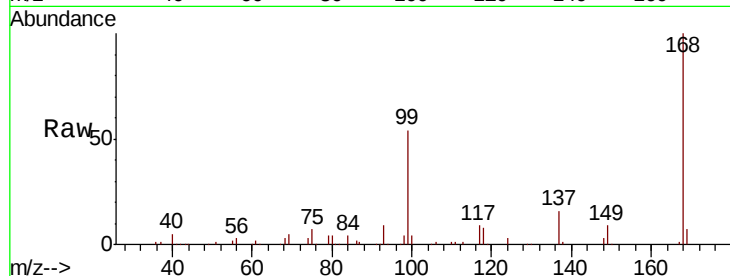
Acq: 17 Mar 2019 00:21

Tgt Ion: 168 Resp: 570159

Ion Ratio Lower Upper

168 100

99 54.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

150000

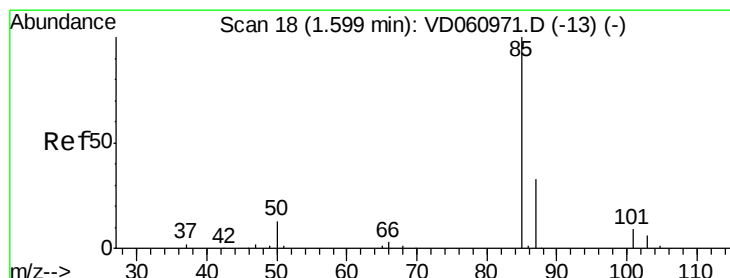
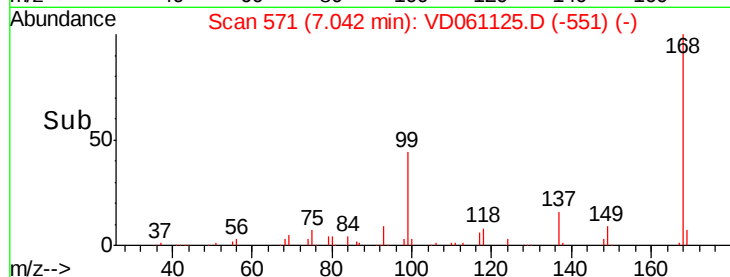
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 20.937 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.02 min

Lab File: VD061125.D

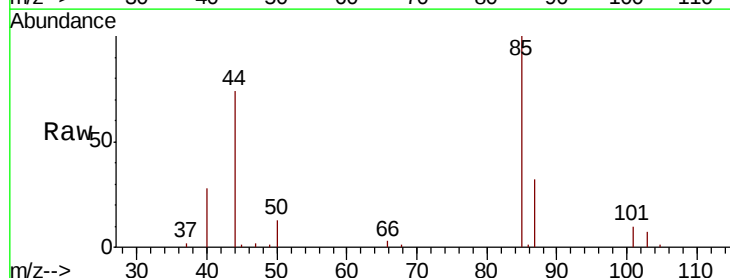
Acq: 17 Mar 2019 00:21

Tgt Ion: 85 Resp: 118247

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

60000

50000

40000

30000

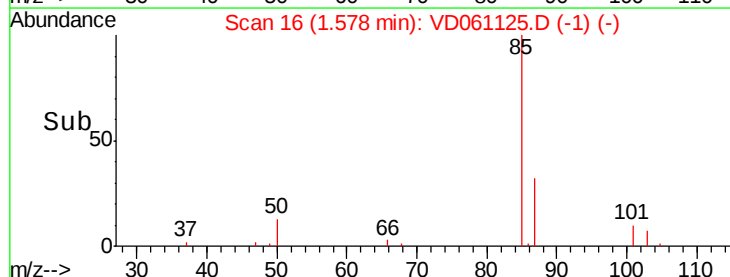
20000

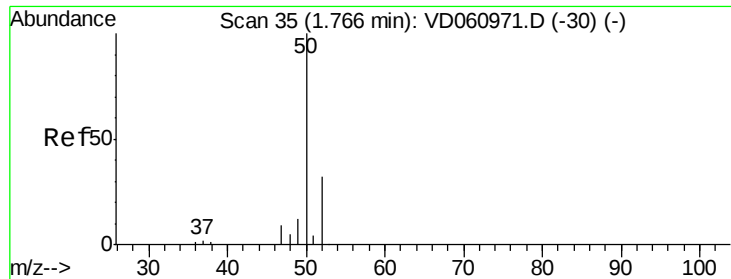
10000

0

1.50 1.60 1.70 1.80

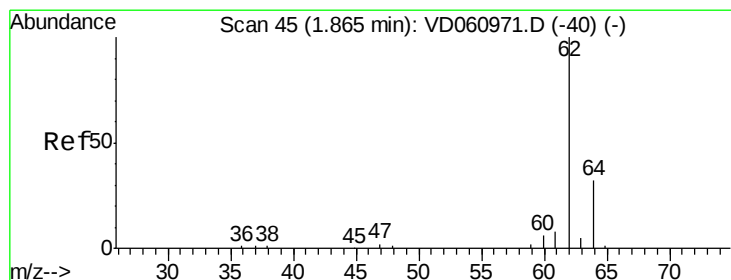
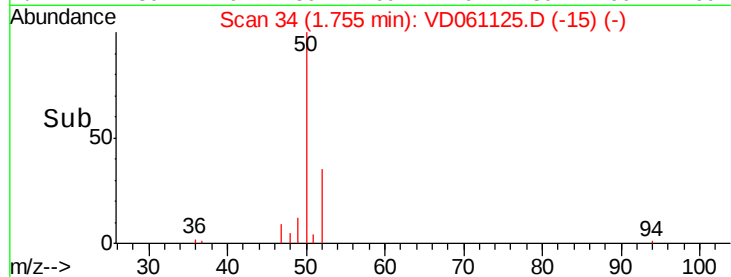
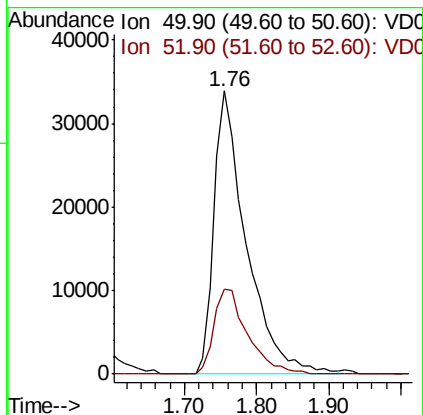
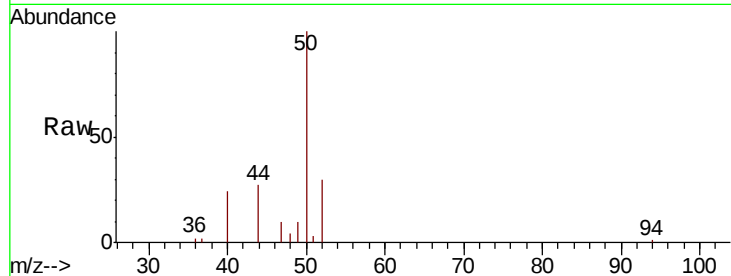
Time-->





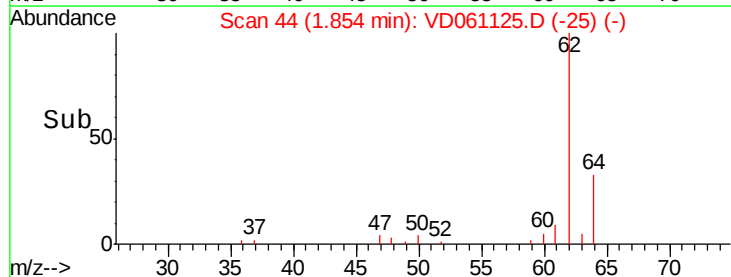
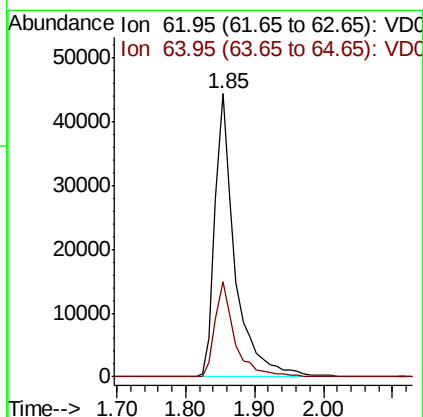
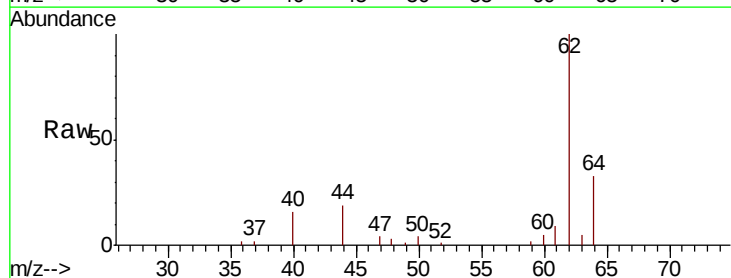
#3
Chloromethane
Concen: 22.349 ug/l
RT: 1.76 min Scan# 34
Delta R.T. -0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

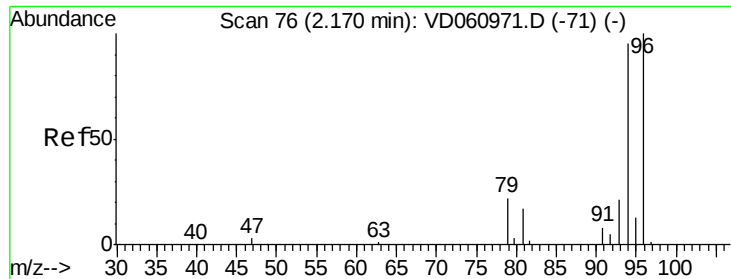
Tgt Ion: 50 Resp: 105147
Ion Ratio Lower Upper
50 100
52 30.2 25.8 38.8



#4
Vinyl Chloride
Concen: 20.675 ug/l
RT: 1.85 min Scan# 44
Delta R.T. -0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 62 Resp: 89883
Ion Ratio Lower Upper
62 100
64 33.5 25.2 37.8





#5

Bromomethane

Concen: 17.997 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.02 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

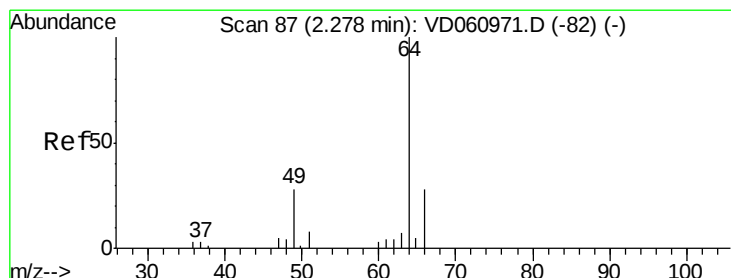
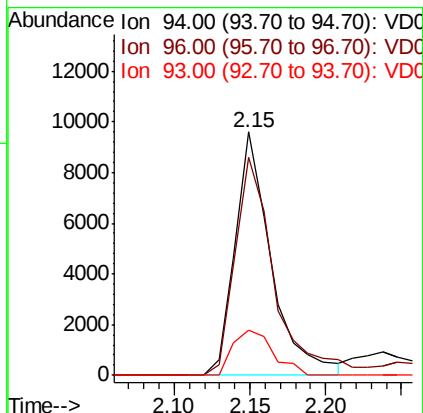
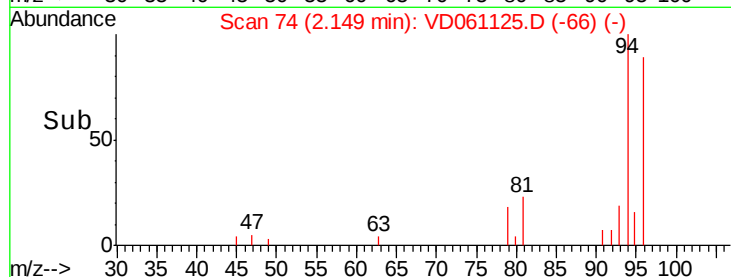
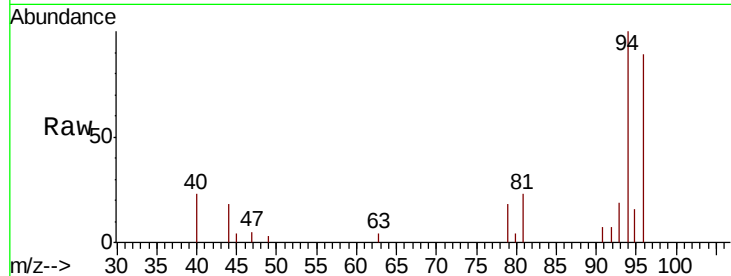
Tgt Ion: 94 Resp: 15961

Ion Ratio Lower Upper

94 100

96 89.5 84.0 126.0

93 18.6 17.3 25.9



#6

Chloroethane

Concen: 19.299 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.02 min

Lab File: VD061125.D

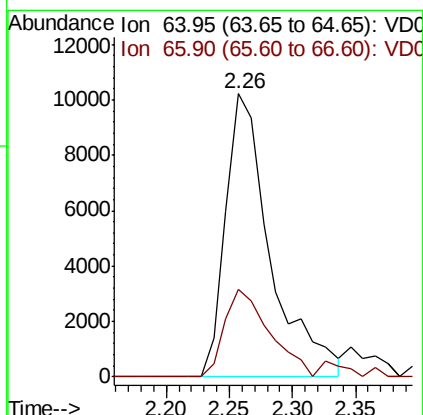
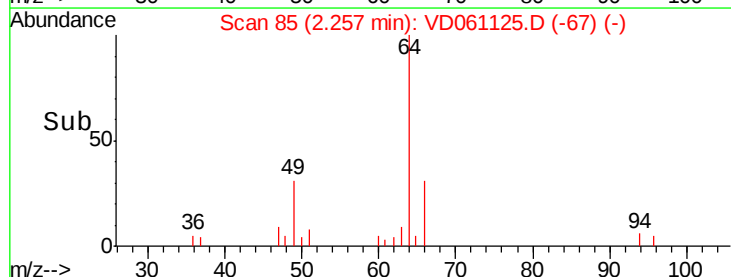
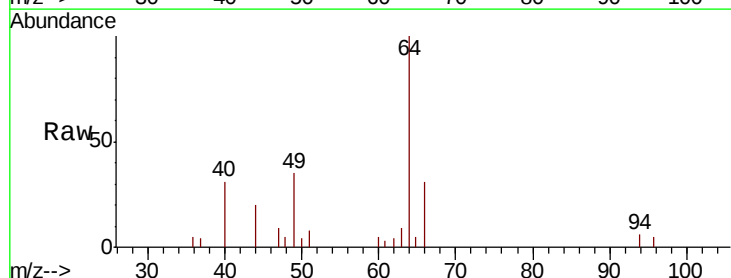
Acq: 17 Mar 2019 00:21

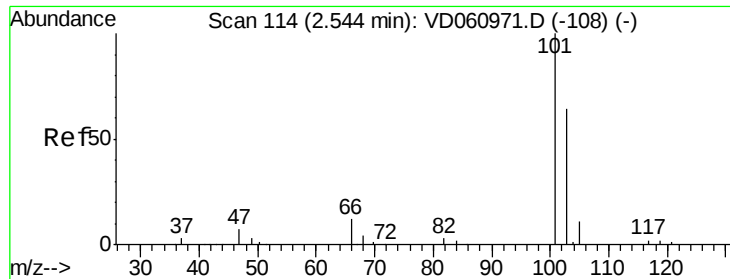
Tgt Ion: 64 Resp: 25113

Ion Ratio Lower Upper

64 100

66 31.1 22.2 33.2

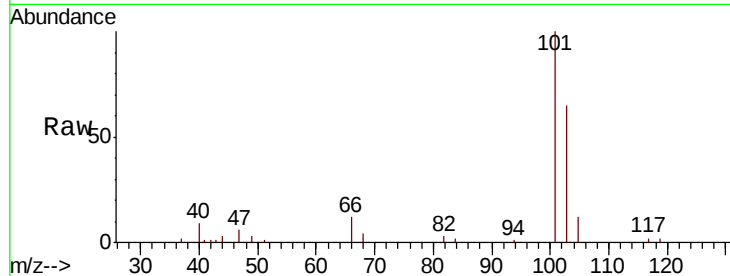




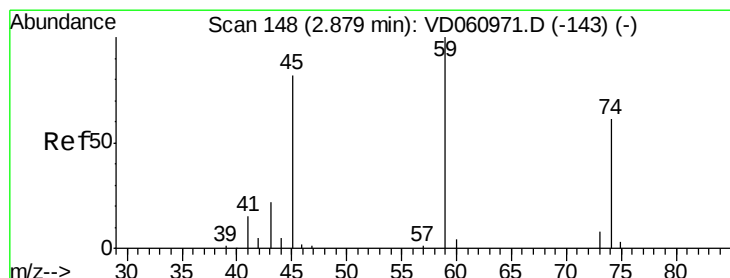
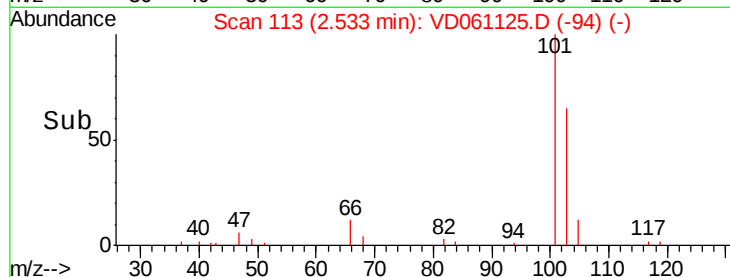
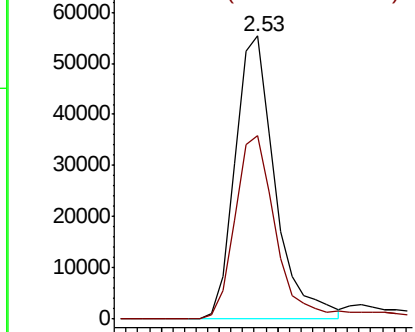
#7

Trichlorofluoromethane
Concen: 21.026 ug/l
RT: 2.53 min Scan# 113
Delta R.T. -0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 101 Resp: 131314
Ion Ratio Lower Upper
101 100
103 64.9 51.2 76.8



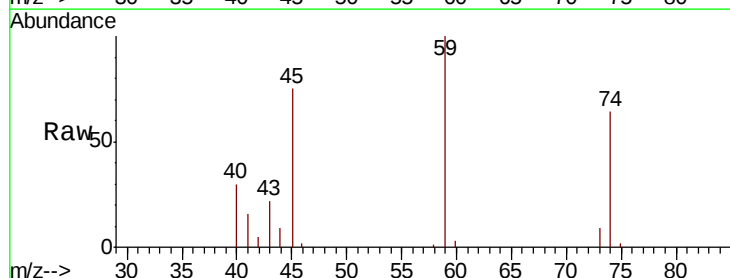
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



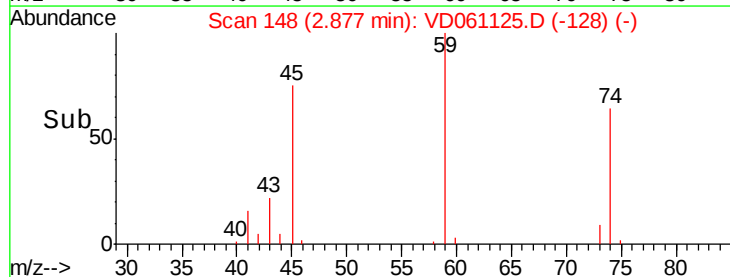
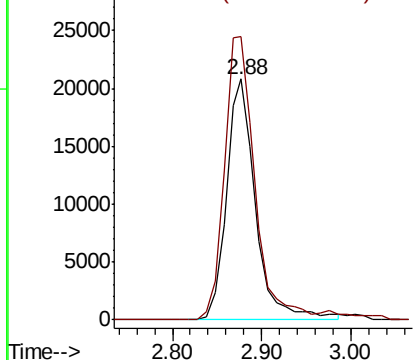
#8

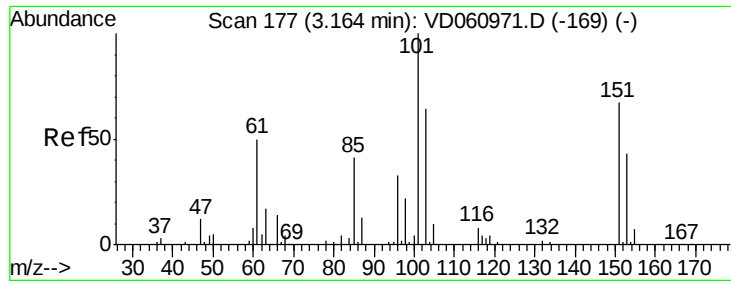
Diethyl Ether
Concen: 23.117 ug/l
RT: 2.88 min Scan# 148
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 74 Resp: 47627
Ion Ratio Lower Upper
74 100
45 117.7 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: 22.715 ug/l

RT: 3.15 min Scan# 176

Delta R.T. -0.01 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

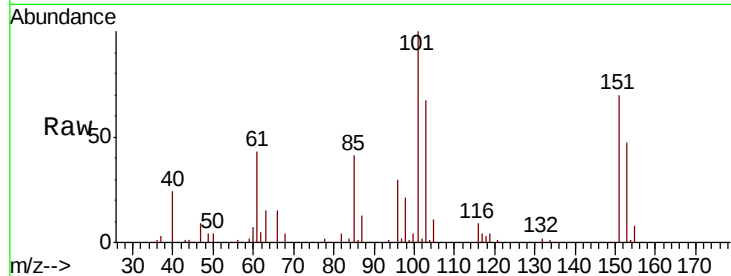
Tgt Ion:101 Resp: 158600

Ion Ratio Lower Upper

101 100

85 40.7 32.5 48.7

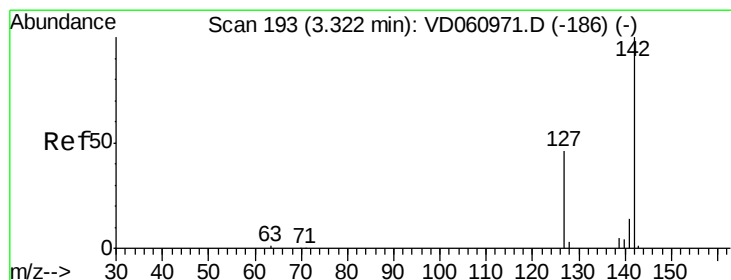
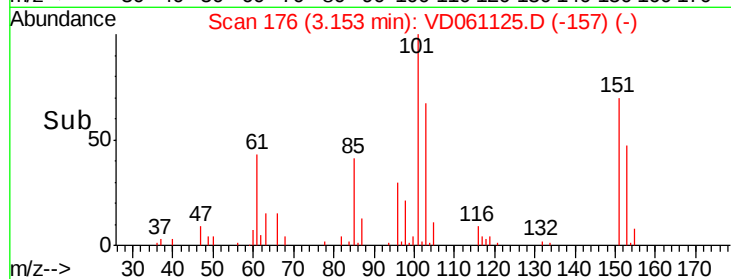
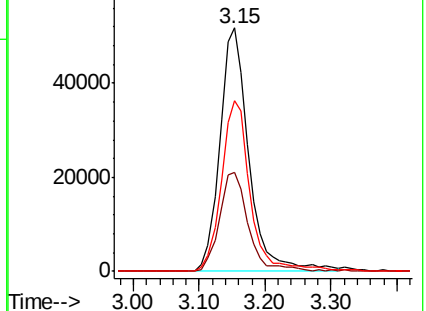
151 69.9 53.3 79.9



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: 20.230 ug/l

RT: 3.30 min Scan# 191

Delta R.T. -0.02 min

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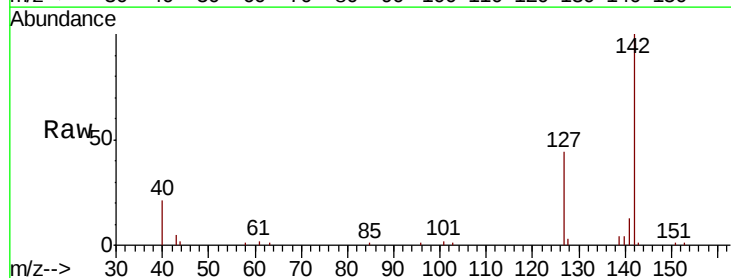
Tgt Ion:142 Resp: 176680

Ion Ratio Lower Upper

142 100

127 44.0 36.8 55.2

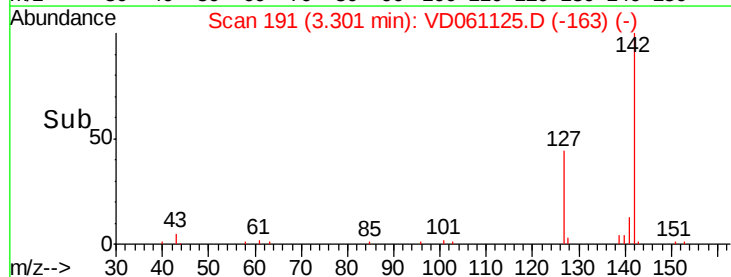
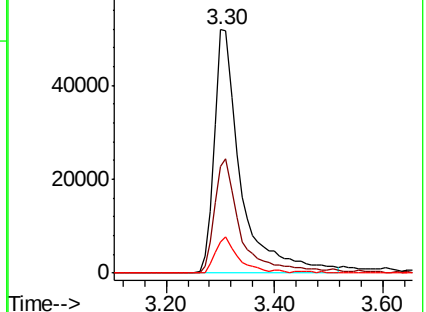
141 13.0 11.2 16.8

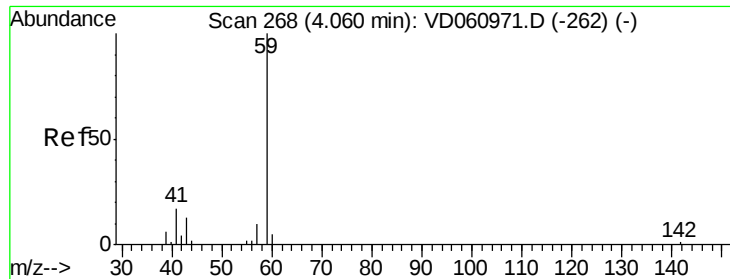


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

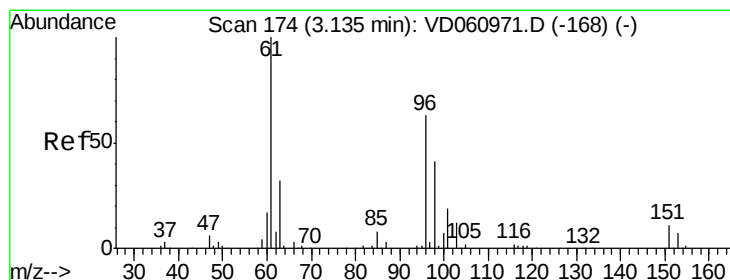
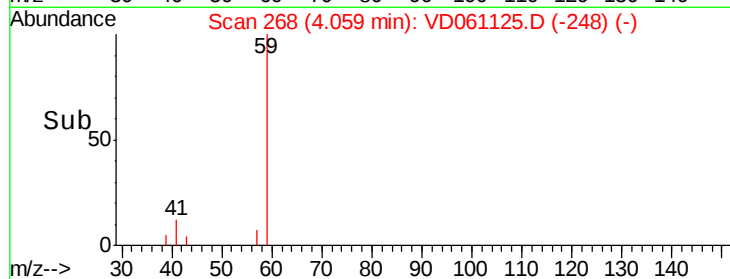
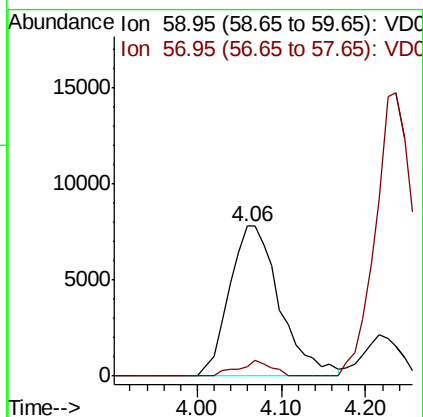
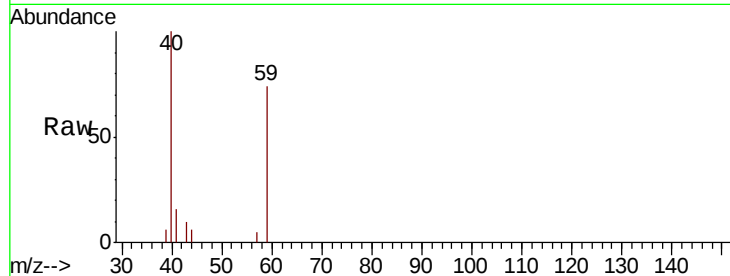
Ion 140.85 (140.55 to 141.55): V





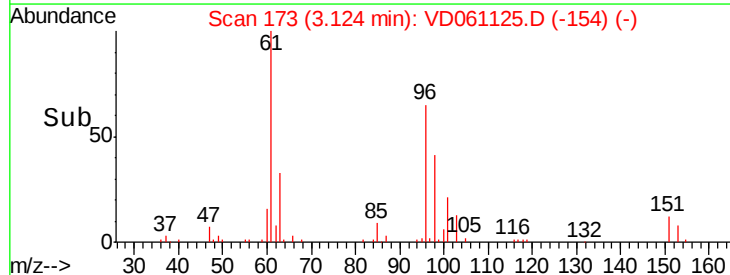
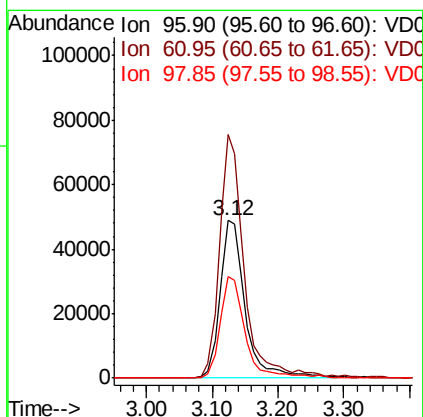
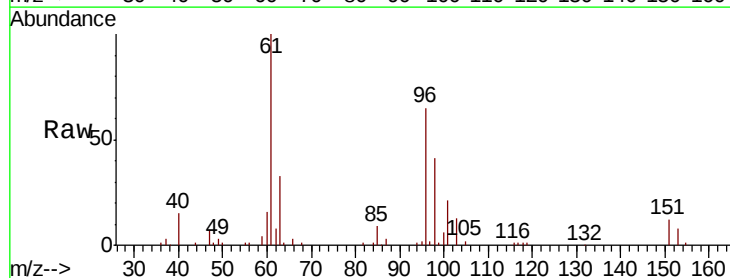
#11
Tert butyl alcohol
Concen: 107.492 ug/l
RT: 4.06 min Scan# 268
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

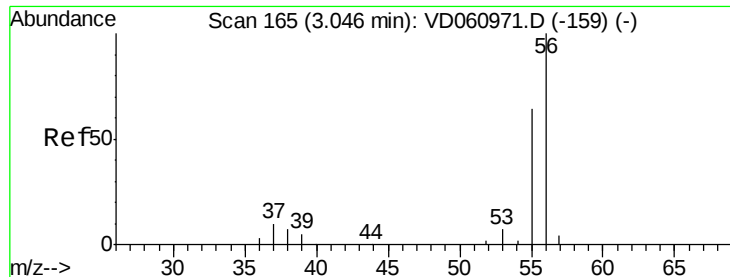
Tgt Ion: 59 Resp: 32477
Ion Ratio Lower Upper
59 100
57 6.7 7.1 10.7#



#12
1,1-Dichloroethene
Concen: 22.753 ug/l
RT: 3.12 min Scan# 173
Delta R.T. -0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 96 Resp: 130219
Ion Ratio Lower Upper
96 100
61 154.8 127.1 190.7
98 64.2 51.5 77.3





#13

Acrolein

Concen: 73.376 ug/l

RT: 3.03 min Scan# 164

Delta R.T. -0.01 min

Lab File: VD061125.D

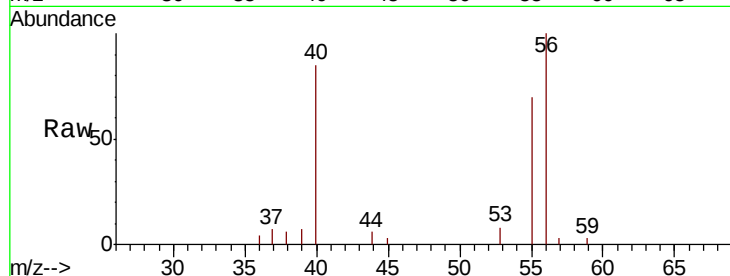
Acq: 17 Mar 2019 00:21

Tgt Ion: 56 Resp: 32077

Ion Ratio Lower Upper

56 100

55 69.6 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

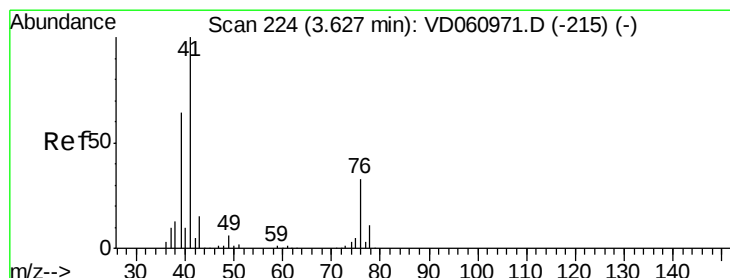
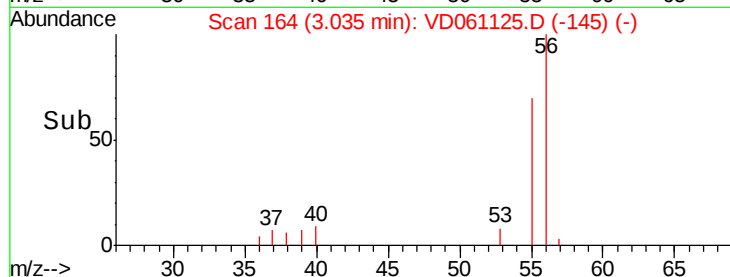
3.03

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 22.147 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.01 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

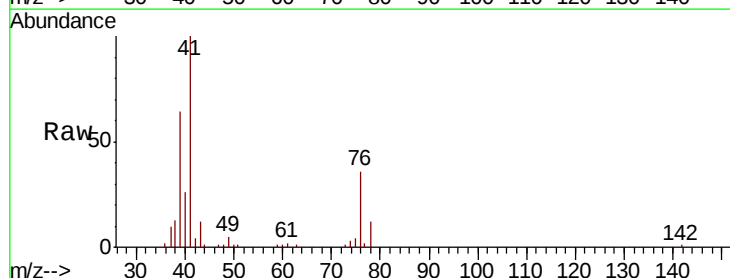
Tgt Ion: 41 Resp: 202803

Ion Ratio Lower Upper

41 100

39 63.6 51.1 76.7

76 36.1 29.1 43.7



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

3.62

100000

80000

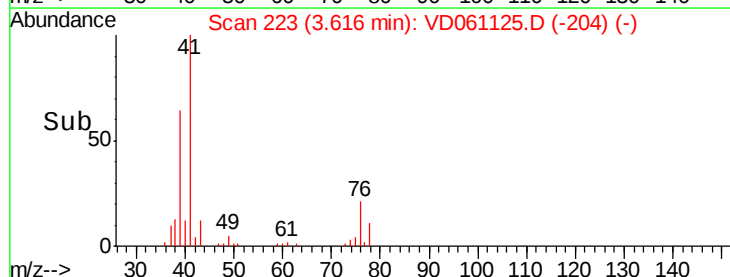
60000

40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 114.659 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

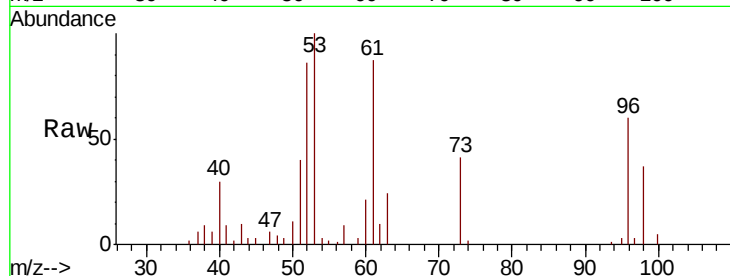
Tgt Ion: 53 Resp: 122437

Ion Ratio Lower Upper

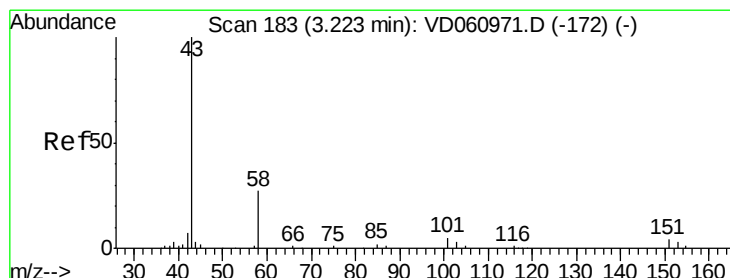
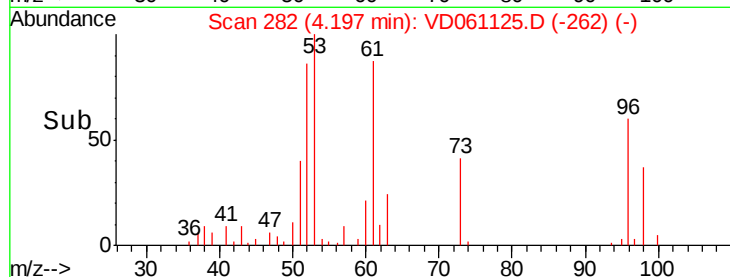
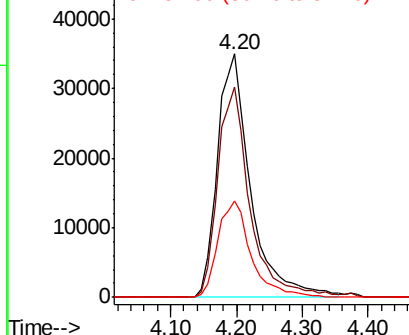
53 100

52 86.2 70.2 105.4

51 39.7 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: 94.142 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061125.D

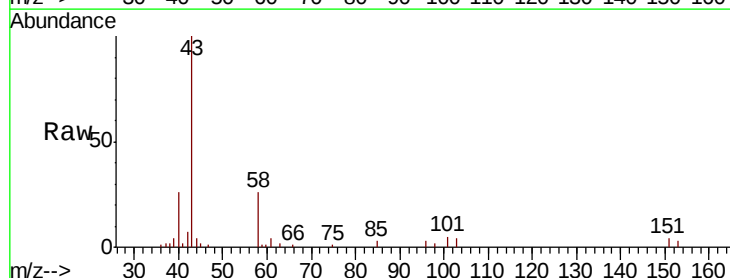
Acq: 17 Mar 2019 00:21

Tgt Ion: 43 Resp: 127763

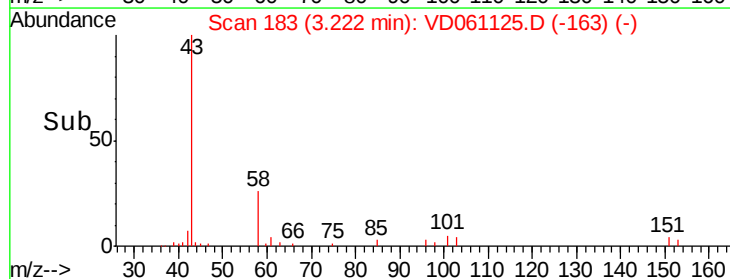
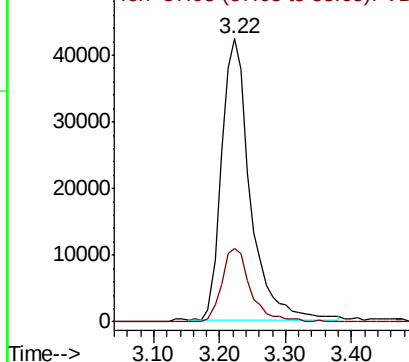
Ion Ratio Lower Upper

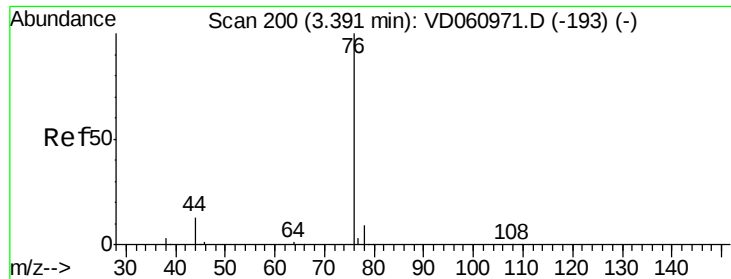
43 100

58 25.7 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: 20.337 ug/l

RT: 3.38 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061125.D

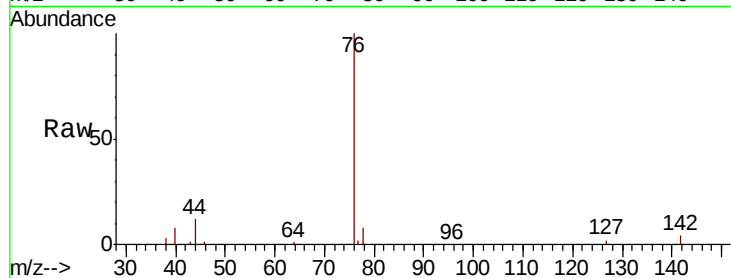
Acq: 17 Mar 2019 00:21

Tgt Ion: 76 Resp: 392633

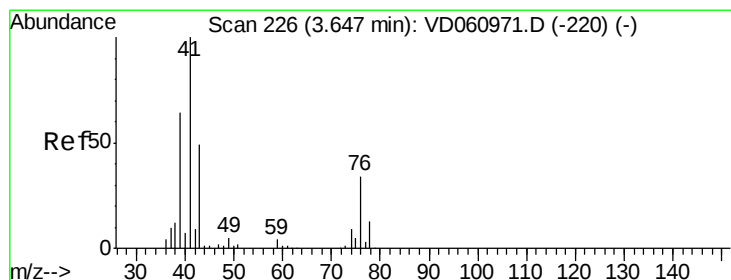
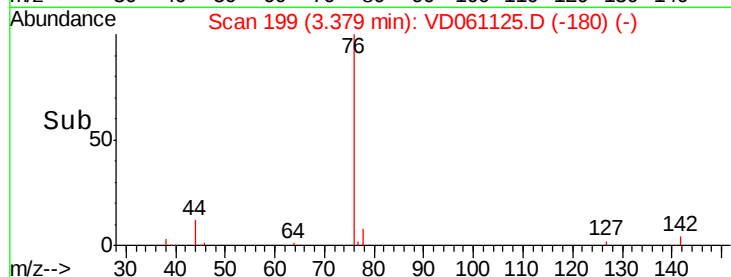
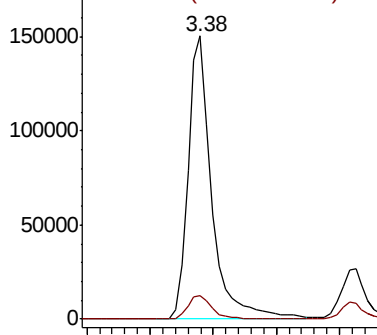
Ion Ratio Lower Upper

76 100

78 8.4 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: 24.351 ug/l

RT: 3.64 min Scan# 225

Delta R.T. -0.01 min

Lab File: VD061125.D

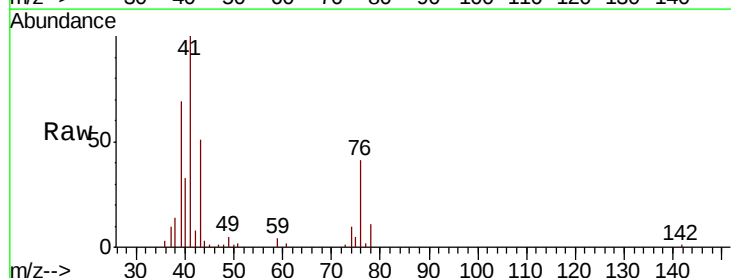
Acq: 17 Mar 2019 00:21

Tgt Ion: 43 Resp: 65037

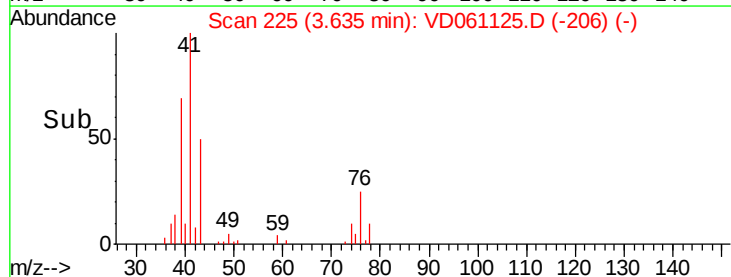
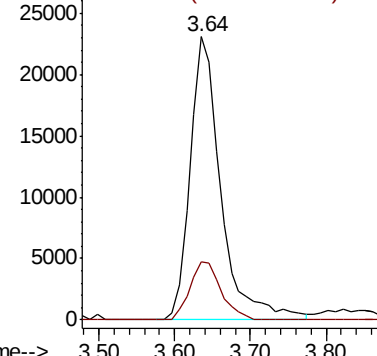
Ion Ratio Lower Upper

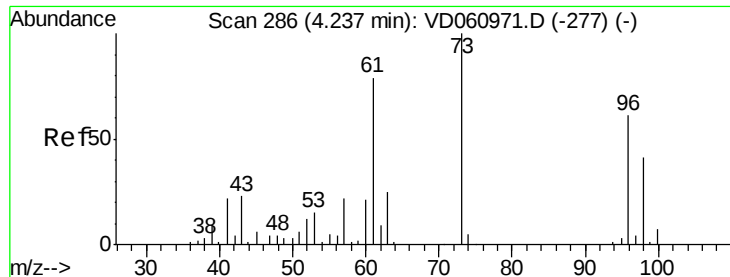
43 100

74 20.4 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

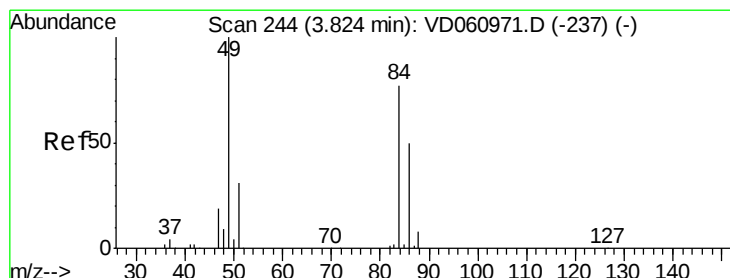
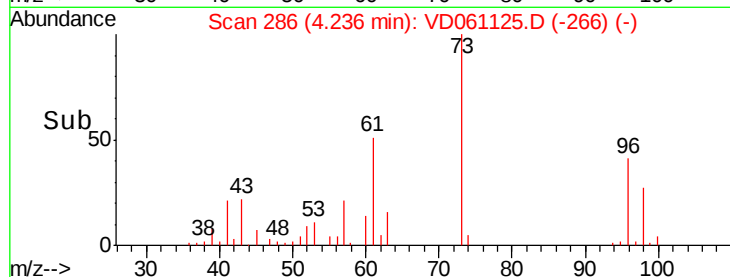
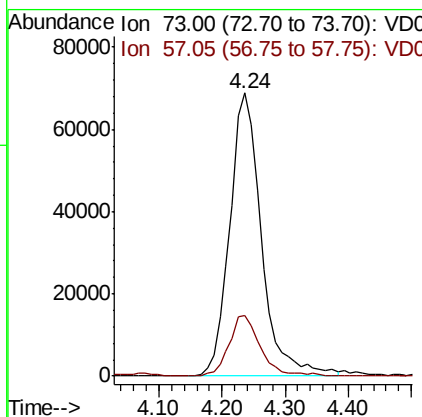
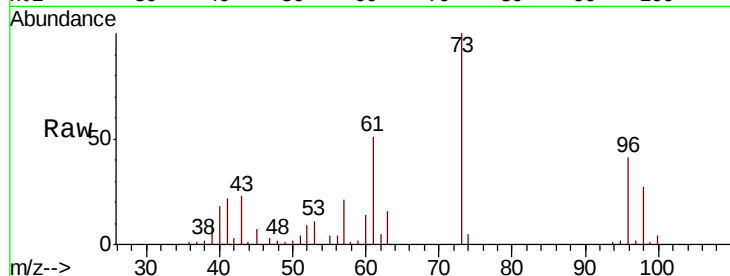




#19

Methyl tert-butyl Ether
 Concen: 23.878 ug/l
 RT: 4.24 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

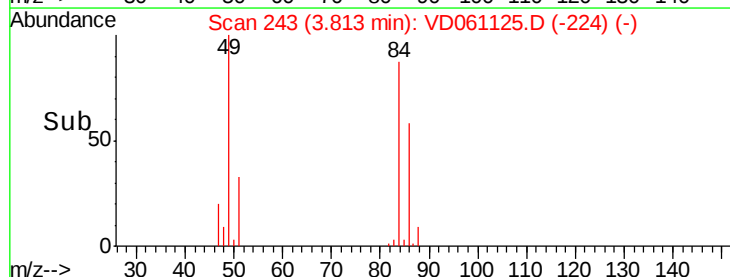
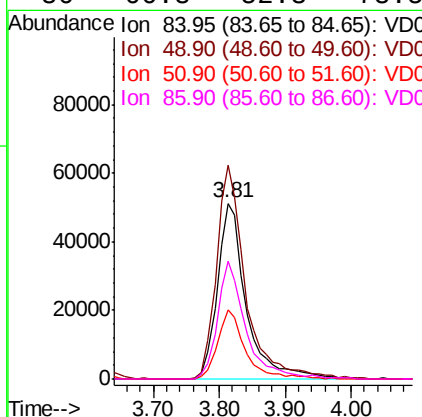
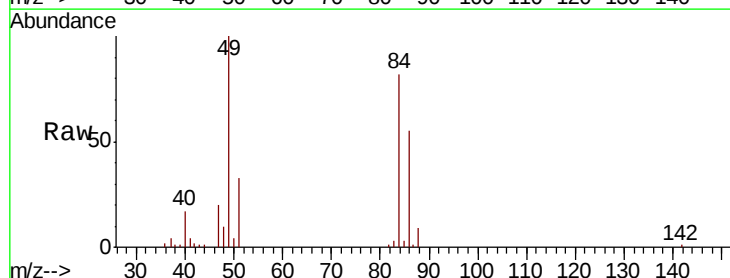
Tgt Ion: 73 Resp: 239495
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.7 26.5

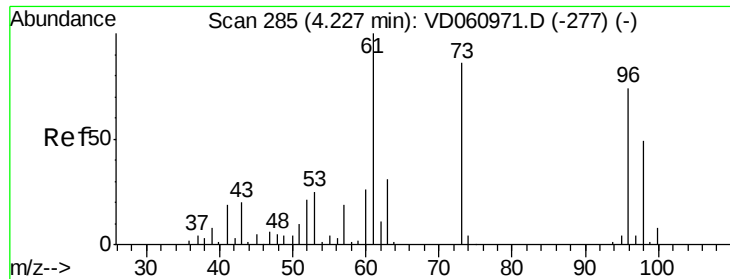


#20

Methylene Chloride
 Concen: 22.572 ug/l
 RT: 3.81 min Scan# 243
 Delta R.T. -0.01 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion: 84 Resp: 155504
 Ion Ratio Lower Upper
 84 100
 49 121.4 104.2 156.2
 51 39.6 32.3 48.5
 86 66.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 21.159 ug/l

RT: 4.23 min Scan# 285

Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

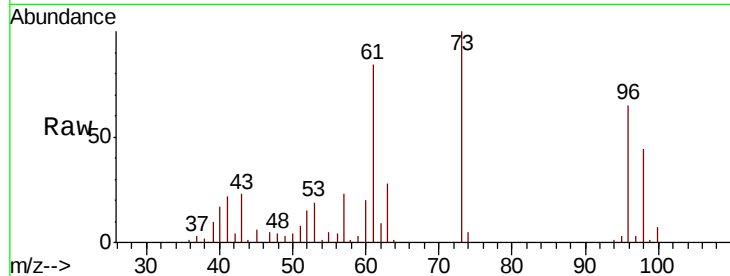
Tgt Ion: 96 Resp: 131074

Ion Ratio Lower Upper

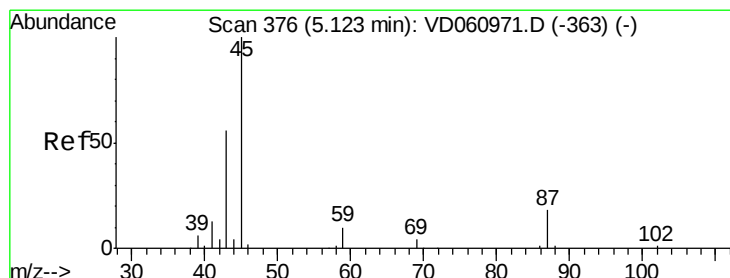
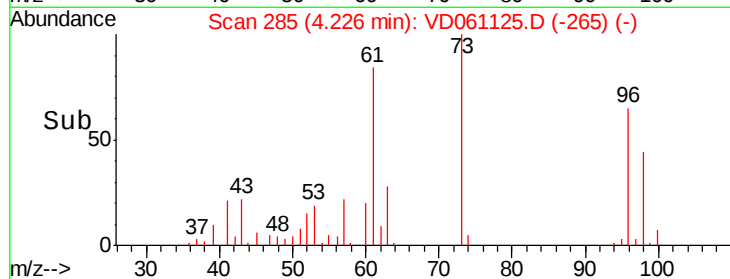
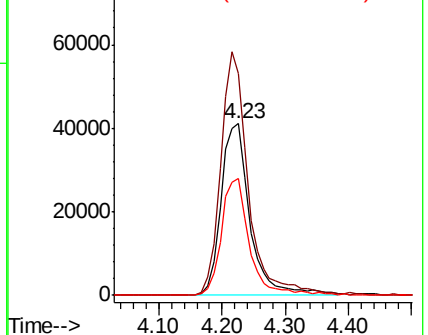
96 100

61 129.3 108.4 162.6

98 68.2 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: 22.405 ug/l

RT: 5.11 min Scan# 375

Delta R.T. -0.01 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tgt Ion: 45 Resp: 425896

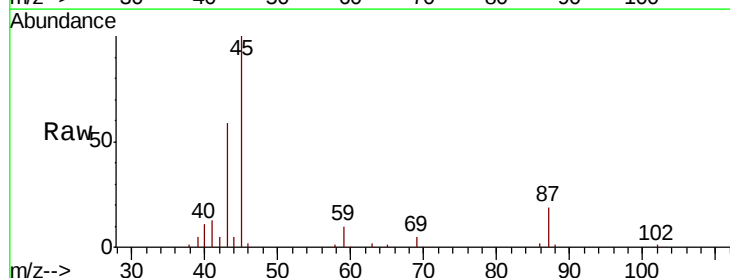
Ion Ratio Lower Upper

45 100

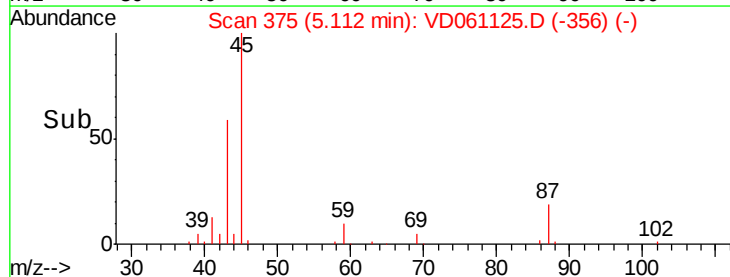
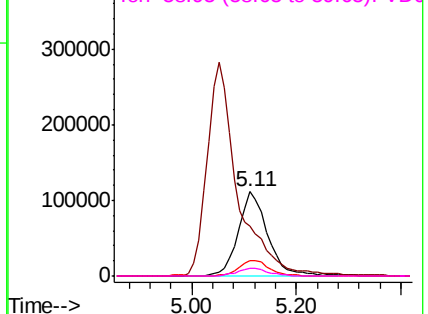
43 58.9 45.8 68.8

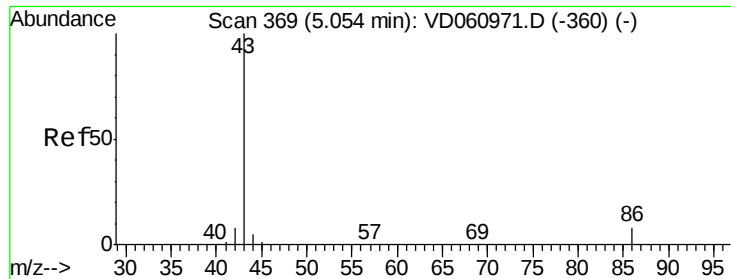
87 18.7 14.9 22.3

59 9.8 8.0 12.0



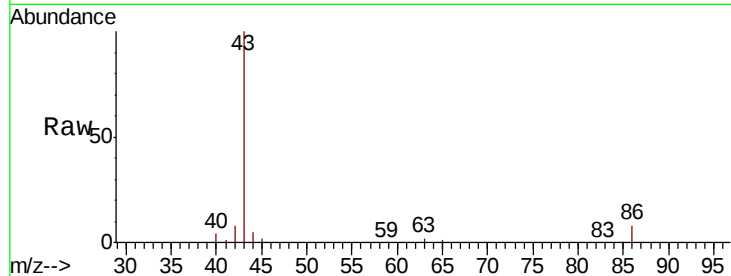
Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC



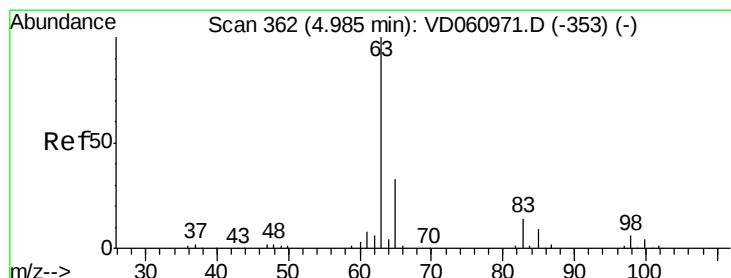
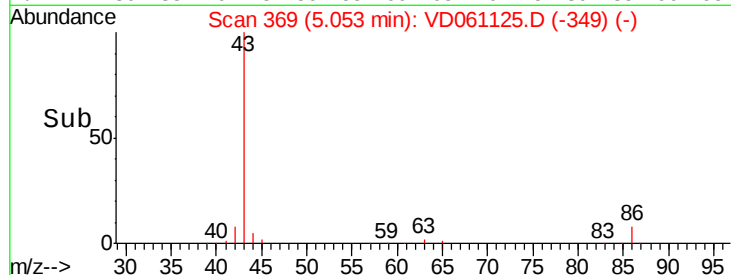
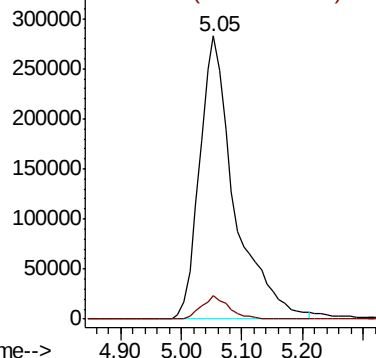


#23
 Vinyl Acetate
 Concen: 115.993 ug/l
 RT: 5.05 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion: 43 Resp: 1131904
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.2 9.2

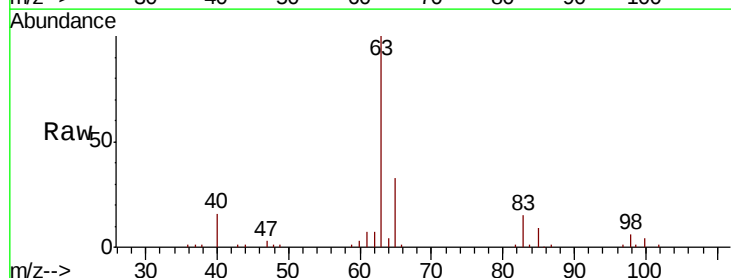


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 86.00 (85.70 to 86.70): VDC

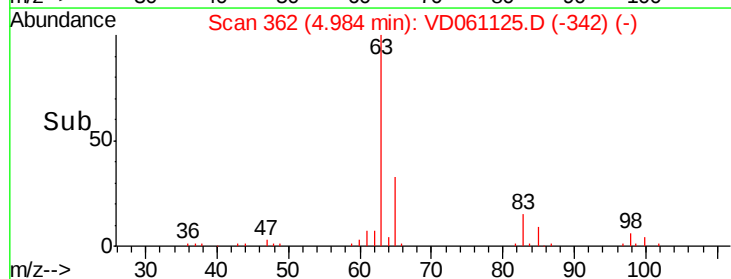
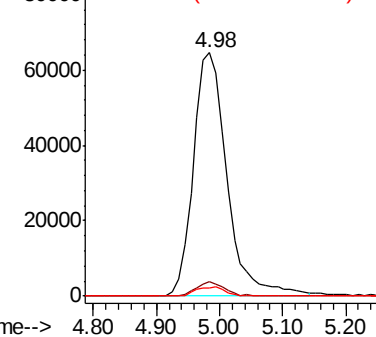


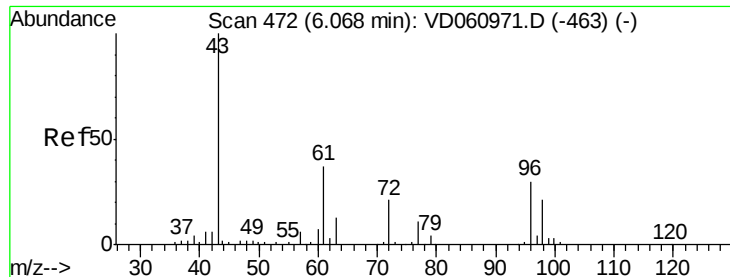
#24
 1,1-Dichloroethane
 Concen: 22.904 ug/l
 RT: 4.98 min Scan# 362
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion: 63 Resp: 238551
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.0 9.2
 100 3.5 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: 108.659 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.01 min

Lab File: VD061125.D

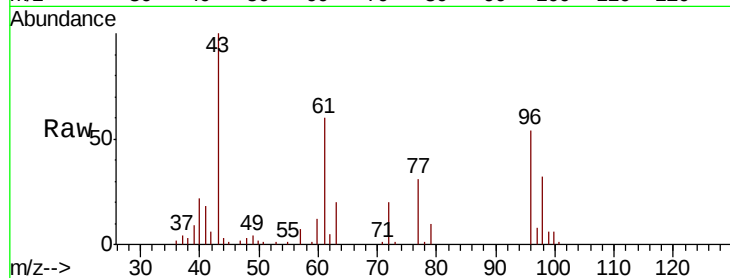
Acq: 17 Mar 2019 00:21

Tgt Ion: 43 Resp: 167332

Ion Ratio Lower Upper

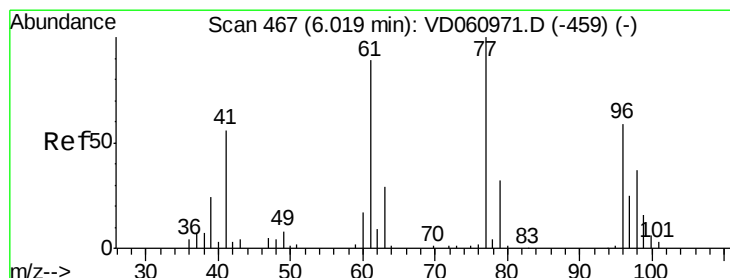
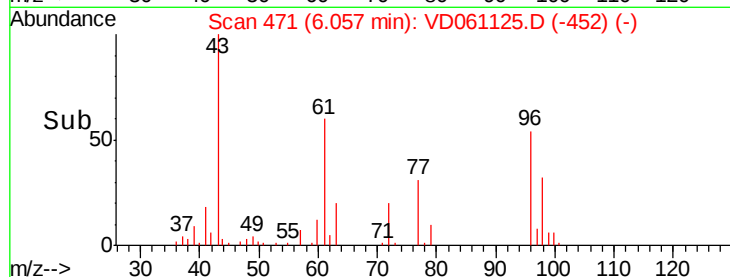
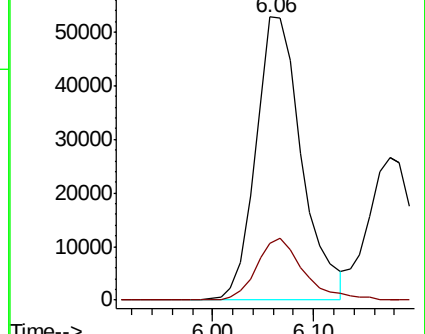
43 100

72 19.9 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.404 ug/l

RT: 6.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: VD061125.D

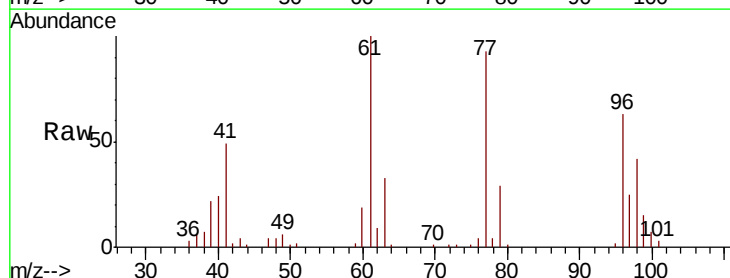
Acq: 17 Mar 2019 00:21

Tgt Ion: 77 Resp: 174026

Ion Ratio Lower Upper

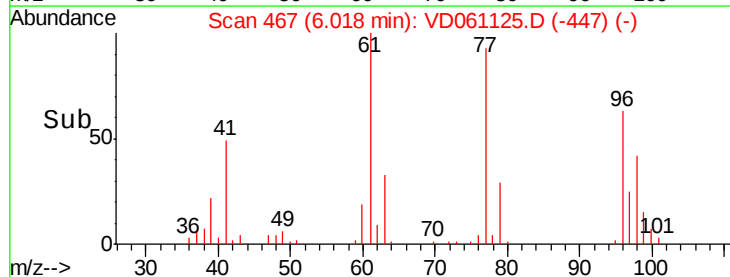
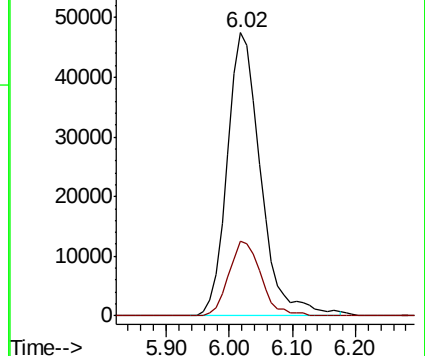
77 100

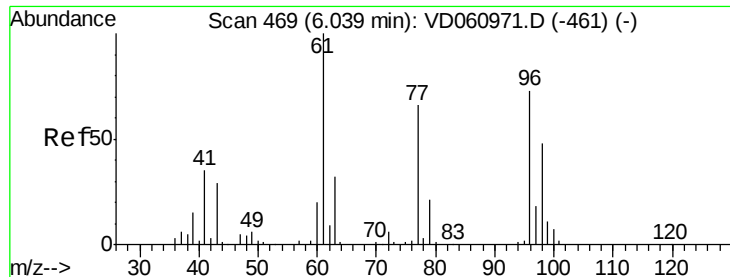
97 26.5 12.6 37.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

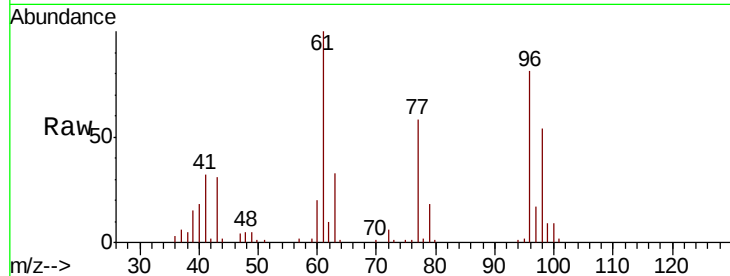




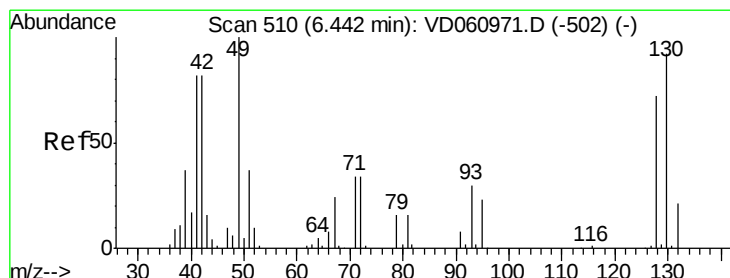
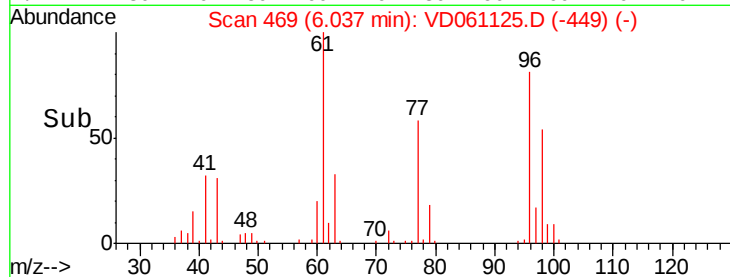
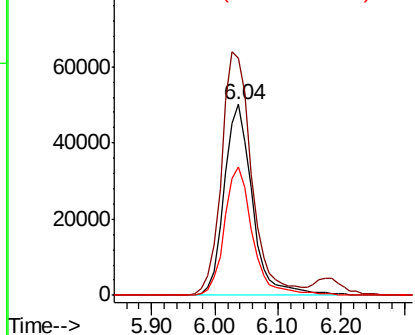
#27

cis-1,2-Dichloroethene
Concen: 23.573 ug/l
RT: 6.04 min Scan# 469
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.2	0.0	273.6
98	67.3	0.0	132.6



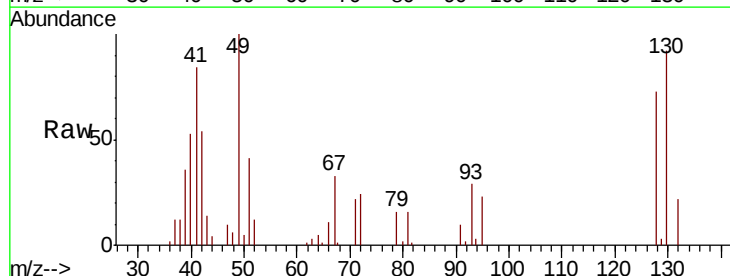
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



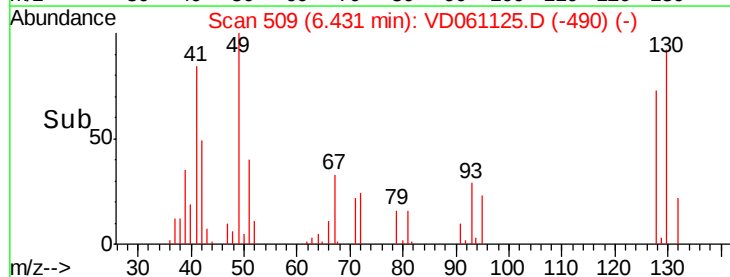
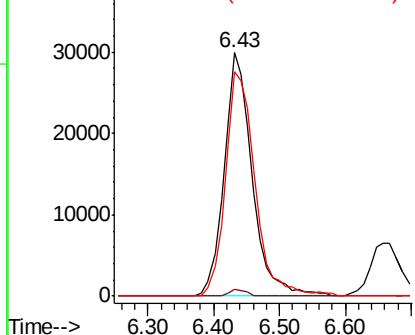
#28

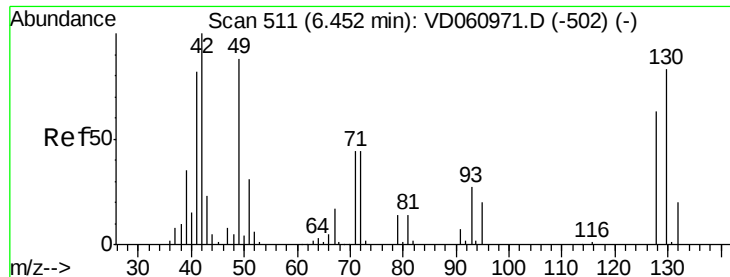
Bromochloromethane
Concen: 20.160 ug/l
RT: 6.43 min Scan# 509
Delta R.T. -0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.0
130	92.3	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: 114.437 ug/l

RT: 6.45 min Scan# 511

Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

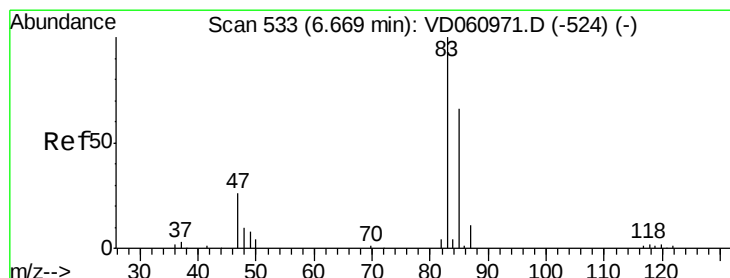
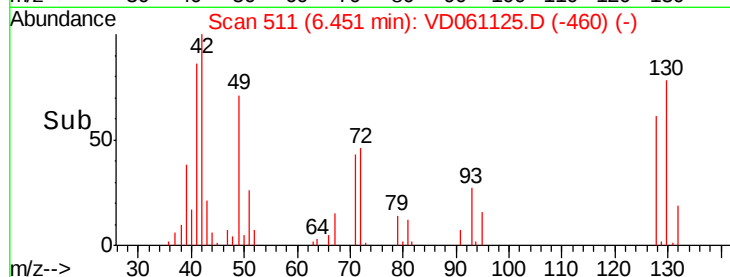
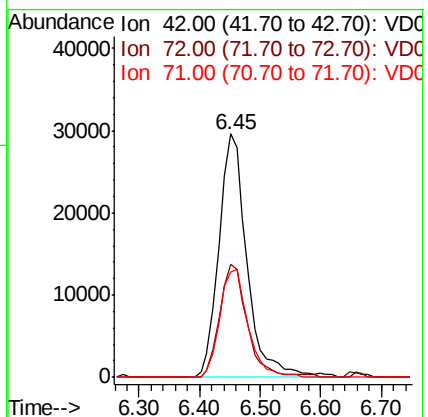
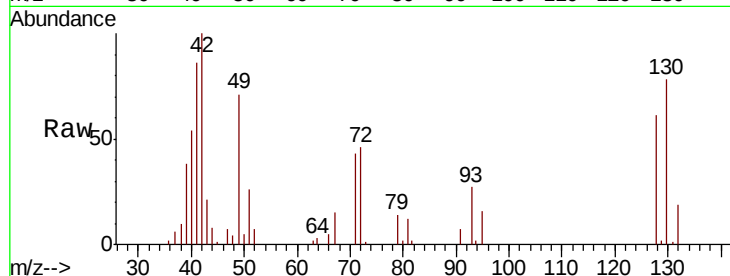
Tgt Ion: 42 Resp: 95693

Ion Ratio Lower Upper

42 100

72 44.6 34.5 51.7

71 44.7 33.8 50.6



#30

Chloroform

Concen: 22.726 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.01 min

Lab File: VD061125.D

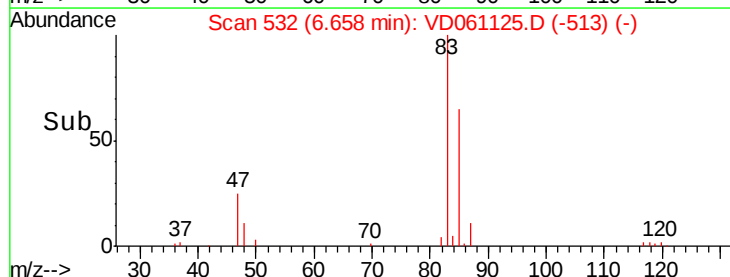
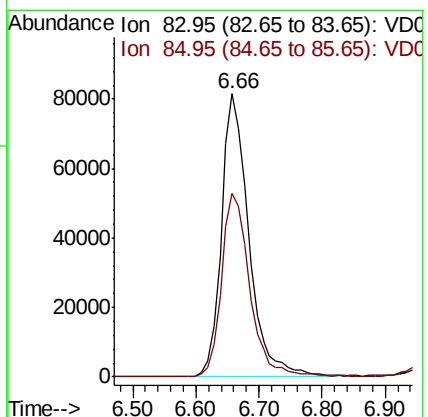
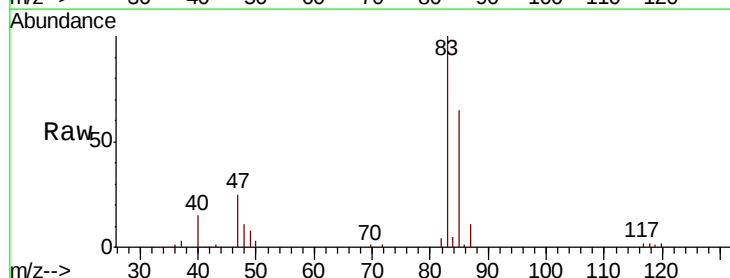
Acq: 17 Mar 2019 00:21

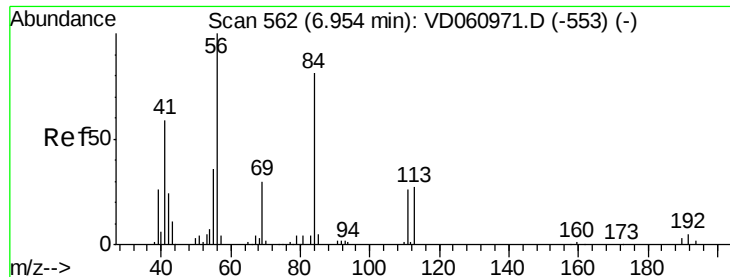
Tgt Ion: 83 Resp: 245313

Ion Ratio Lower Upper

83 100

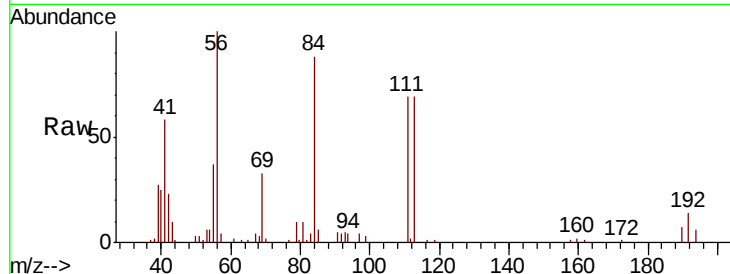
85 65.0 53.0 79.4



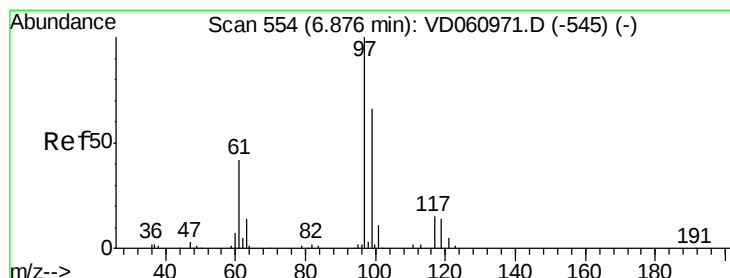
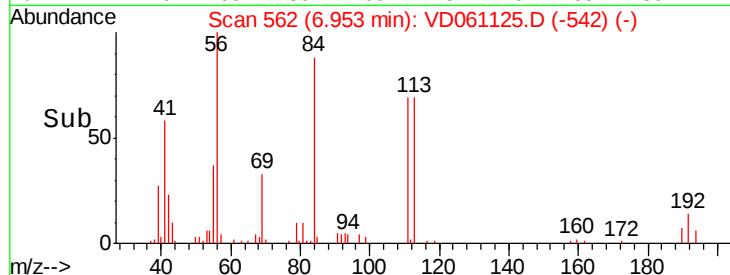
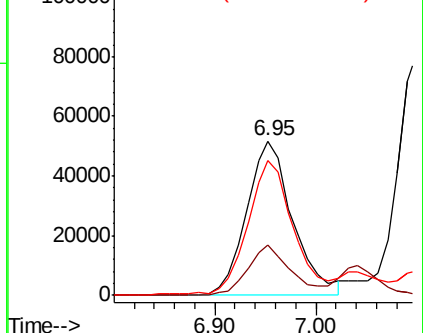


#31
Cyclohexane
Concen: 19.565 ug/l
RT: 6.95 min Scan# 562
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.0	36.0
84	87.5	65.8	98.6

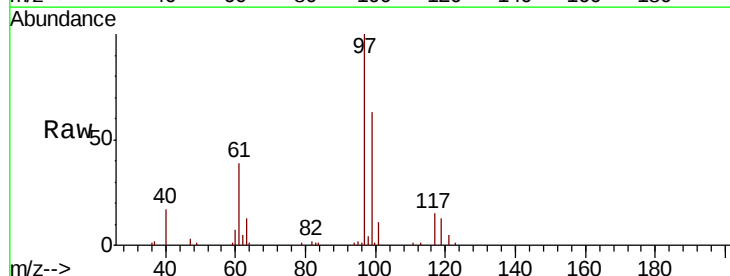


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

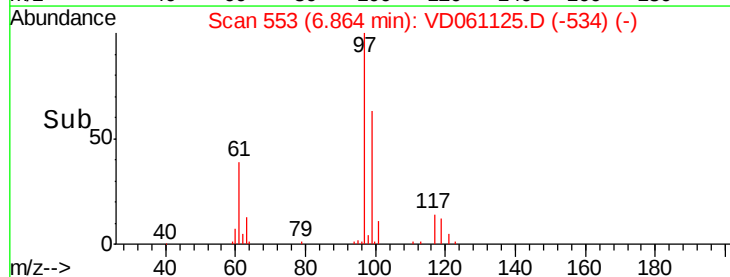
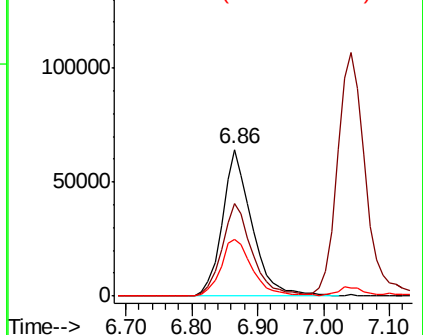


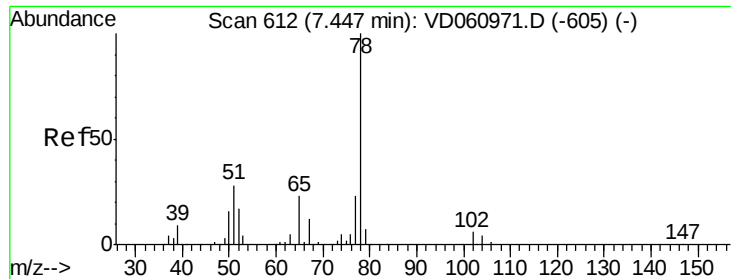
#32
1,1,1-Trichloroethane
Concen: 21.484 ug/l
RT: 6.86 min Scan# 553
Delta R.T. -0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	53.2	79.8
61	38.9	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: 21.484 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061125.D

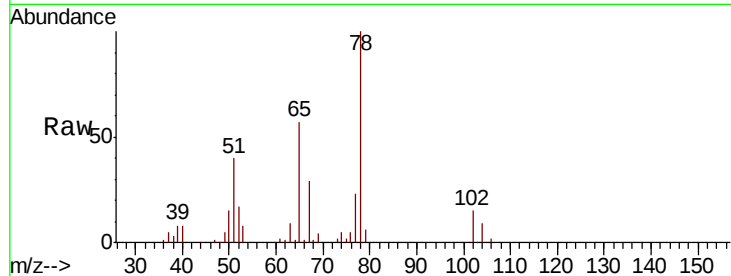
Acq: 17 Mar 2019 00:21

Tgt Ion: 65 Resp: 247475

Ion Ratio Lower Upper

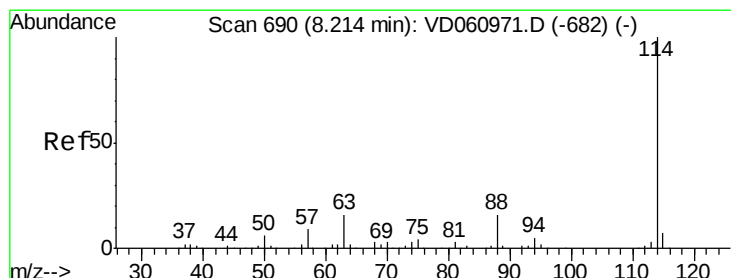
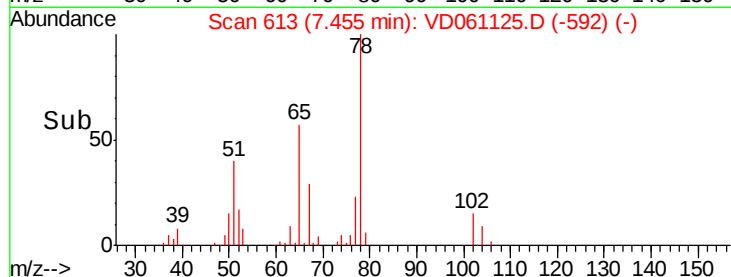
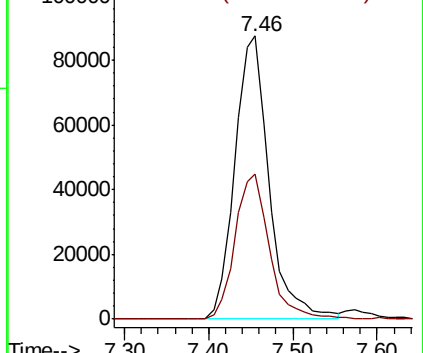
65 100

67 51.2 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: VD061125.D

Acq: 17 Mar 2019 00:21

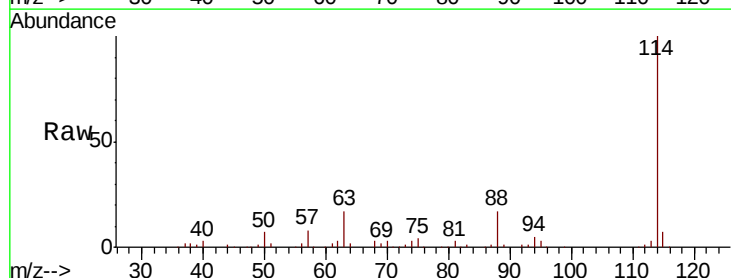
Tgt Ion: 114 Resp: 969678

Ion Ratio Lower Upper

114 100

63 16.7 0.0 31.4

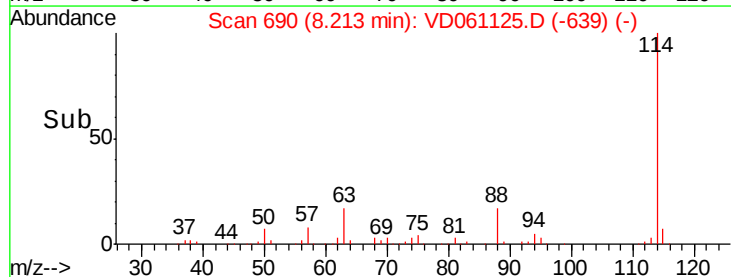
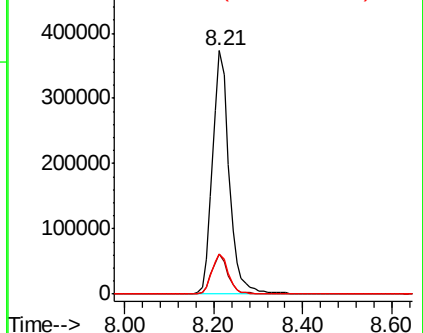
88 16.7 0.0 33.0

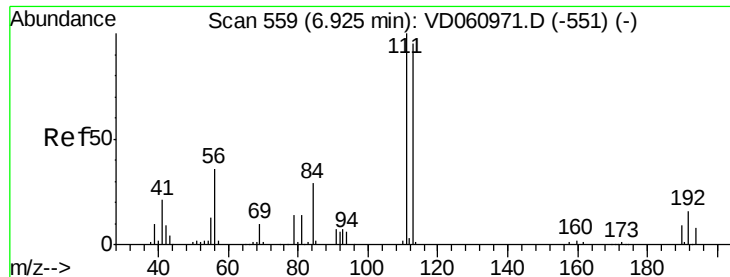


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

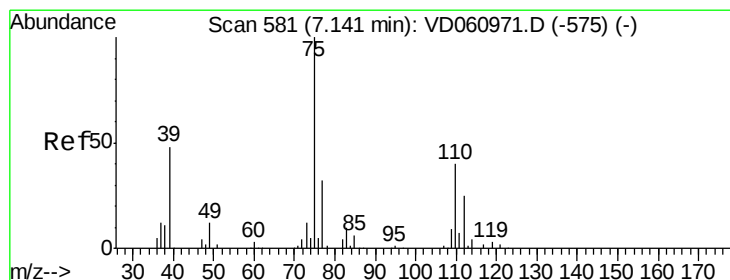
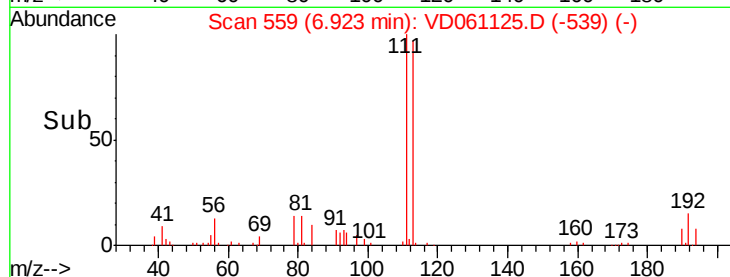
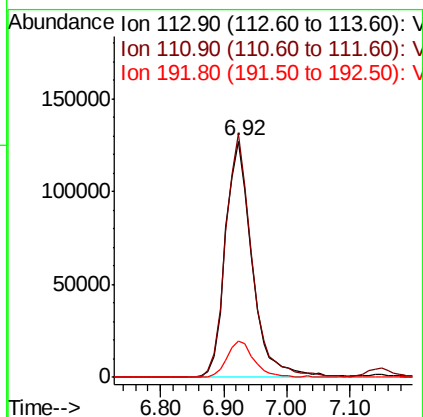
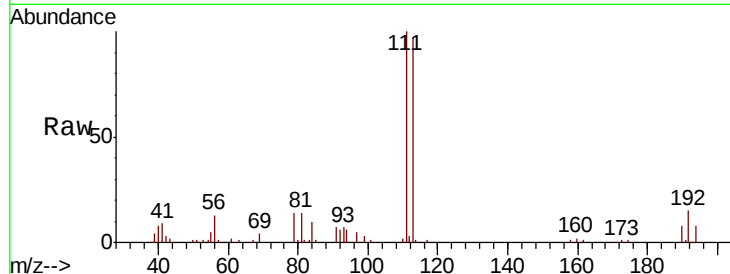
Ion 87.90 (87.60 to 88.60): VDC





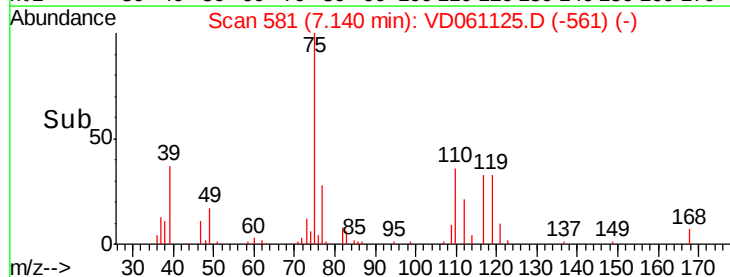
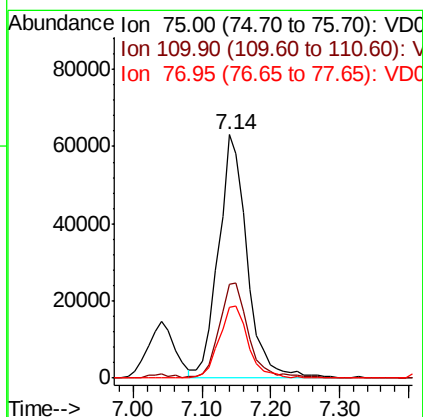
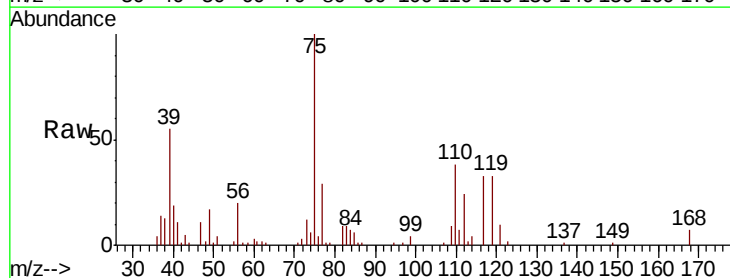
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

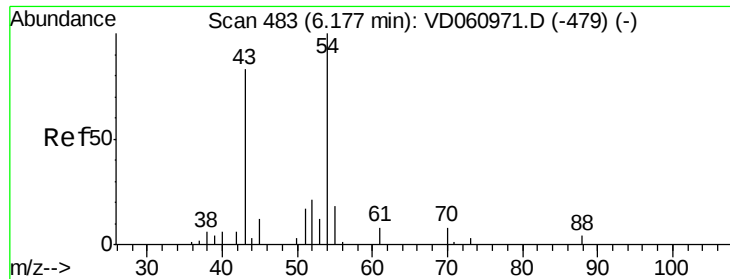
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.2	126.4
192	15.2	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 21.835 ug/l
 RT: 7.14 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

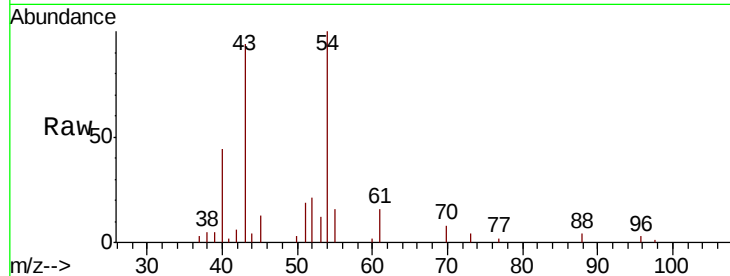
Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	19.7	59.1
77	29.2	24.7	37.1



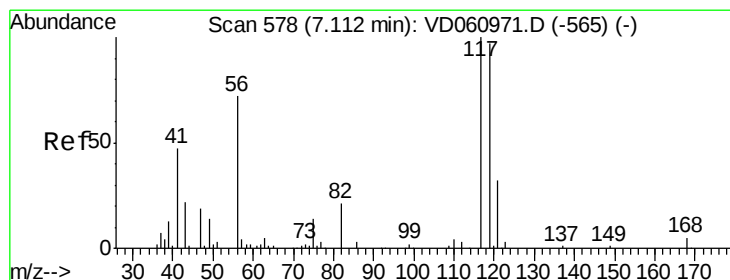
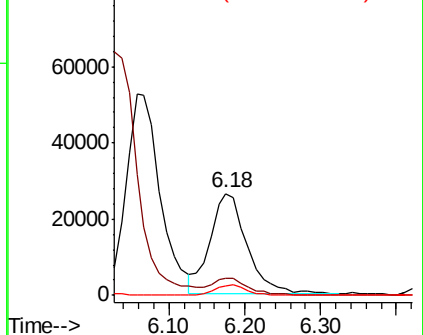
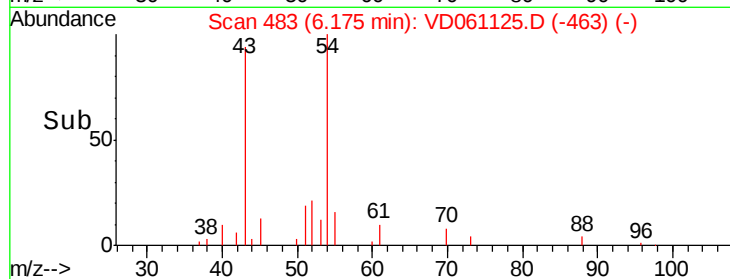


#37
Ethyl Acetate
Concen: 22.714 ug/l
RT: 6.18 min Scan# 483
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 43 Resp: 89090
Ion Ratio Lower Upper
43 100
61 17.1 13.7 20.5
70 8.7 7.1 10.7

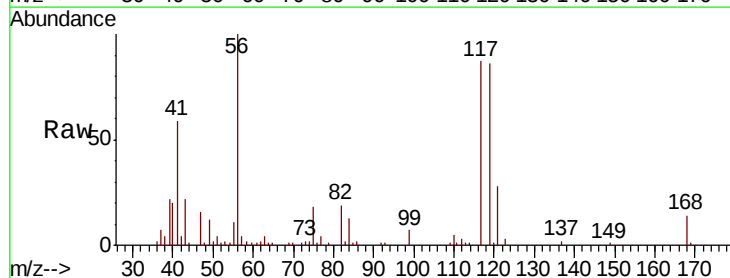


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

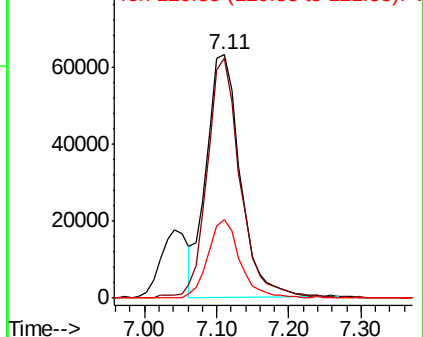
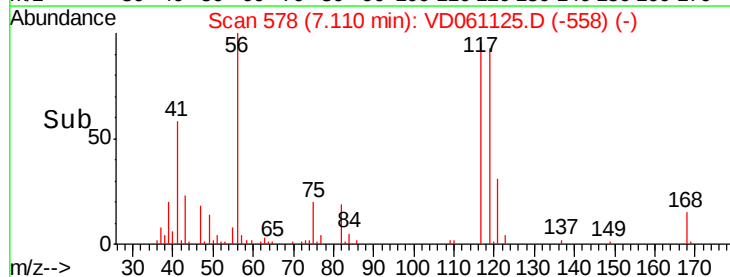


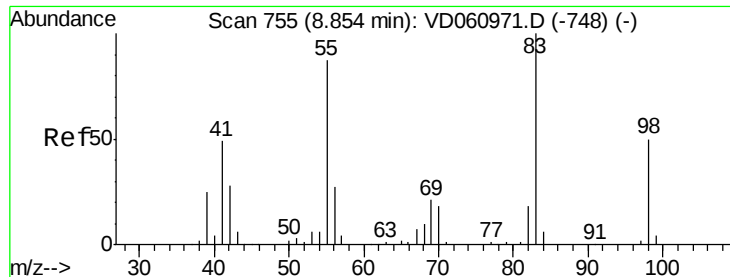
#38
Carbon Tetrachloride
Concen: 22.149 ug/l
RT: 7.11 min Scan# 578
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 117 Resp: 203927
Ion Ratio Lower Upper
117 100
119 98.3 77.8 116.8
121 32.0 25.3 37.9



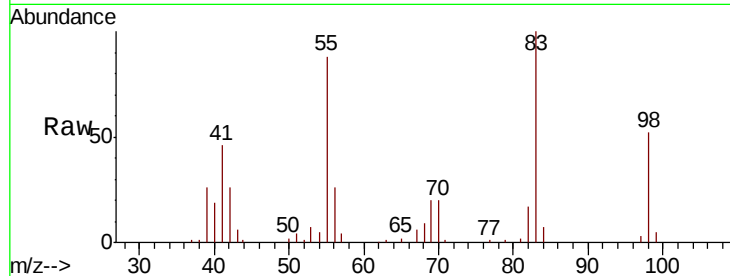
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



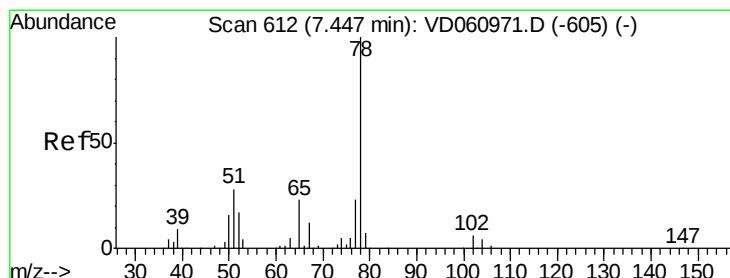
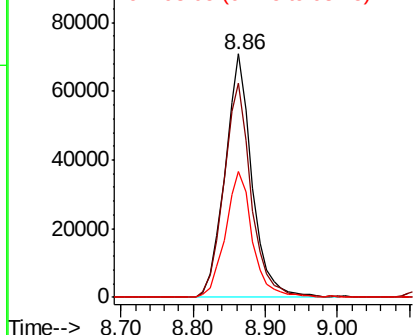
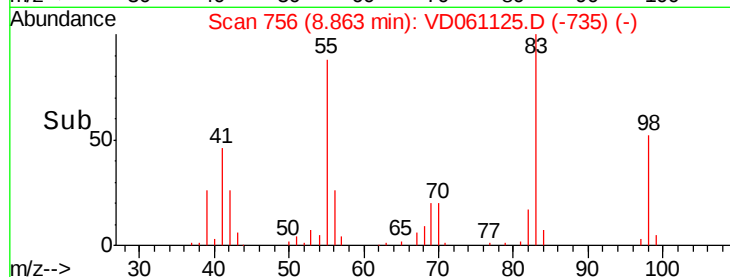


#39
Methylcyclohexane
Concen: 21.267 ug/l
RT: 8.86 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 83 Resp: 184325
Ion Ratio Lower Upper
83 100
55 87.8 69.6 104.4
98 51.6 40.0 60.0

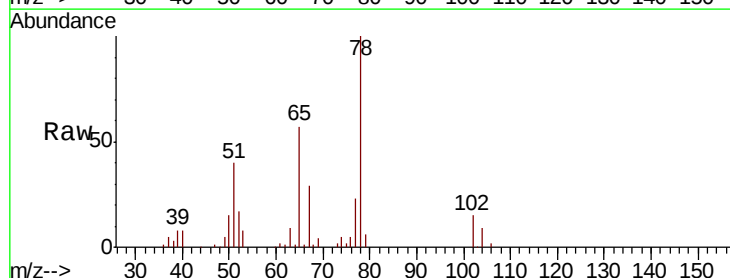


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

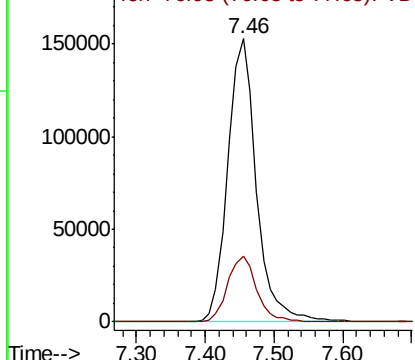
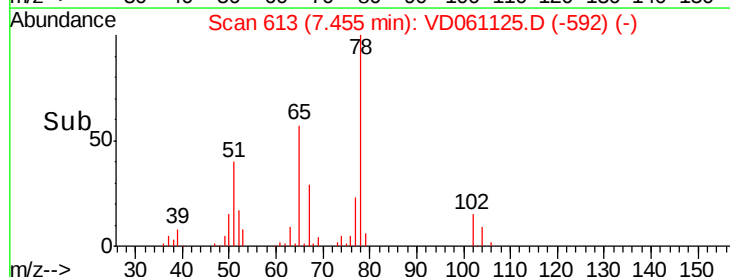


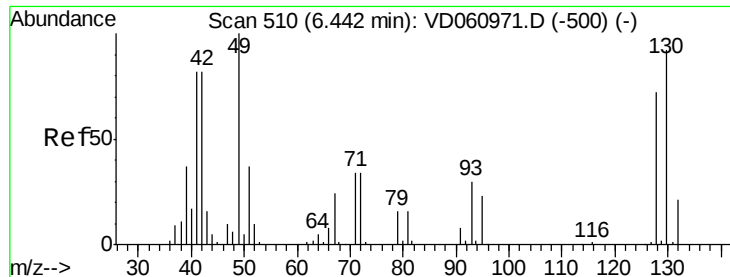
#40
Benzene
Concen: 21.064 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 78 Resp: 439942
Ion Ratio Lower Upper
78 100
77 23.3 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: 22.785 ug/l

RT: 6.45 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tgt Ion: 41 Resp: 102795

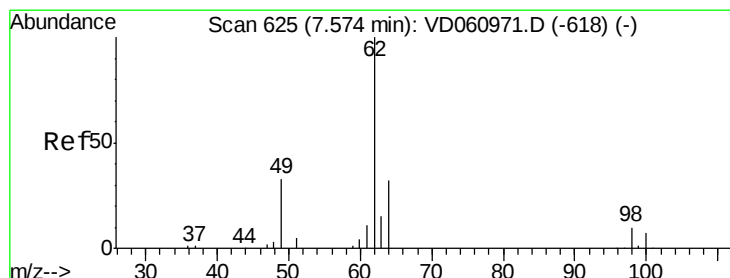
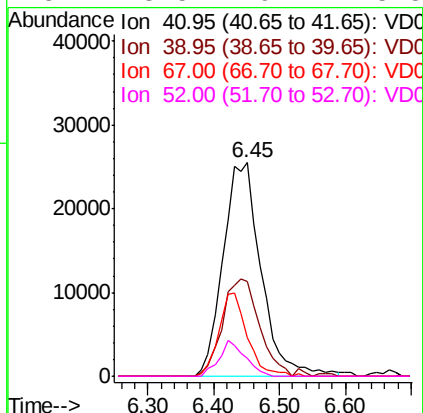
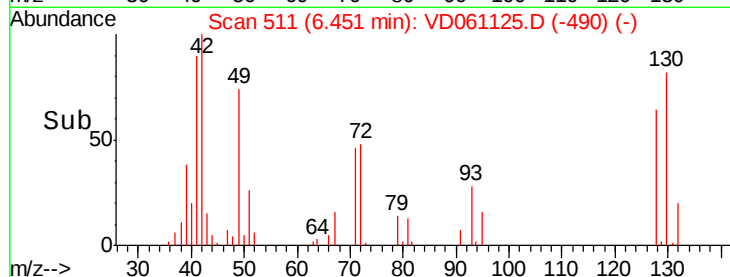
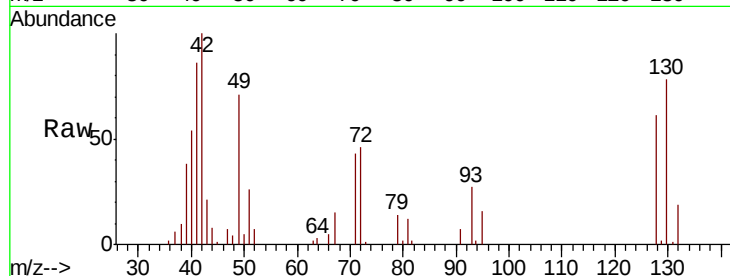
Ion Ratio Lower Upper

41 100

39 44.2 35.7 53.5

67 17.9 23.0 34.6#

52 8.5 9.2 13.8#



#42

1,2-Dichloroethane

Concen: 22.585 ug/l

RT: 7.57 min Scan# 625

Delta R.T. -0.00 min

Lab File: VD061125.D

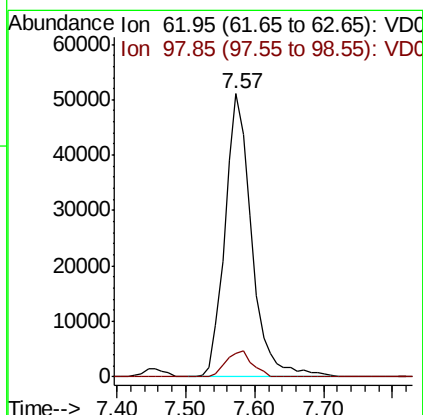
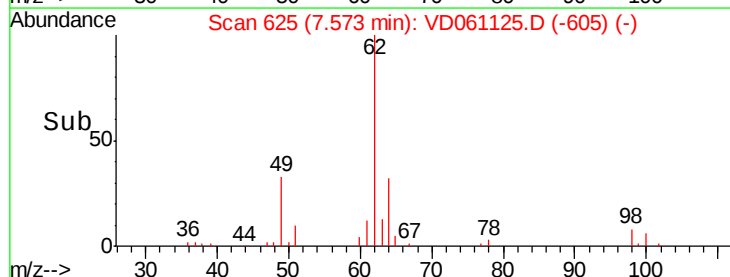
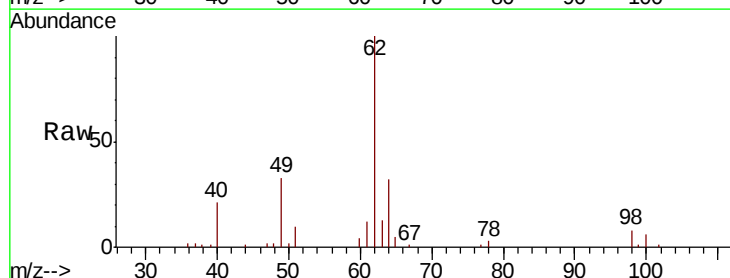
Acq: 17 Mar 2019 00:21

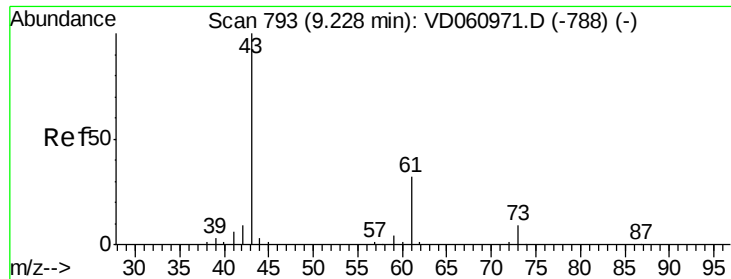
Tgt Ion: 62 Resp: 136886

Ion Ratio Lower Upper

62 100

98 8.4 0.0 20.4





#43

Isopropyl Acetate

Concen: 23.276 ug/l

RT: 9.23 min Scan# 793

Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

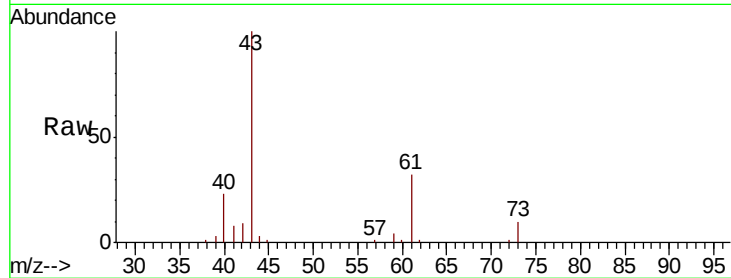
Tgt Ion: 43 Resp: 126451

Ion Ratio Lower Upper

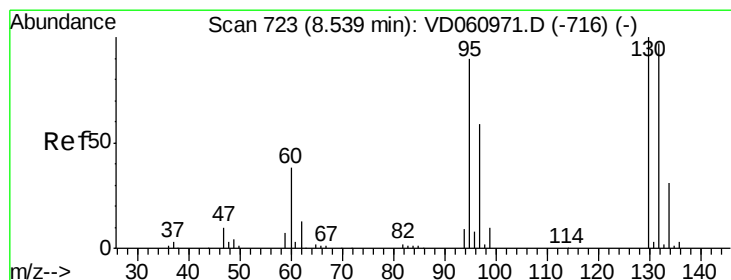
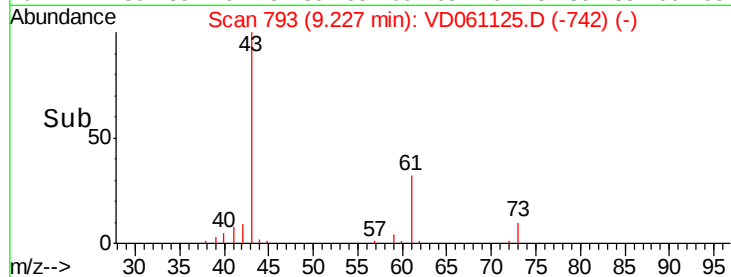
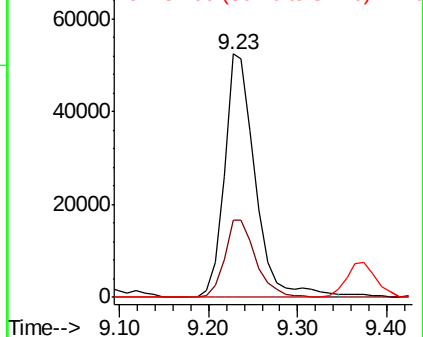
43 100

61 31.7 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: 22.245 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.00 min

Lab File: VD061125.D

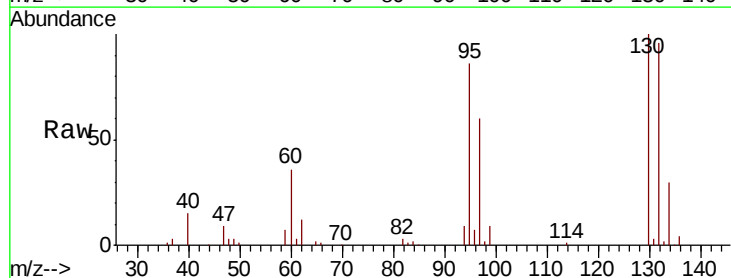
Acq: 17 Mar 2019 00:21

Tgt Ion: 130 Resp: 160284

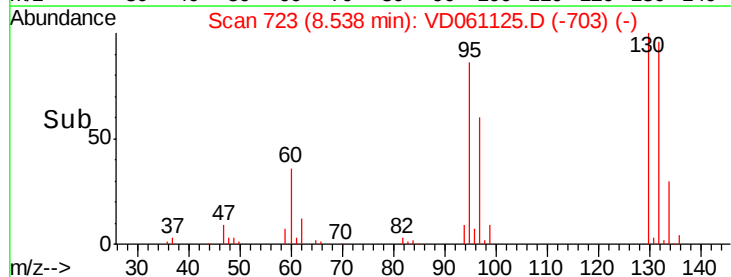
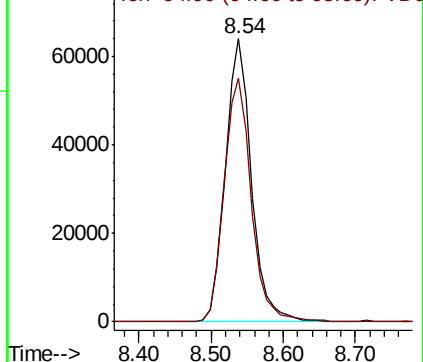
Ion Ratio Lower Upper

130 100

95 86.2 0.0 179.4



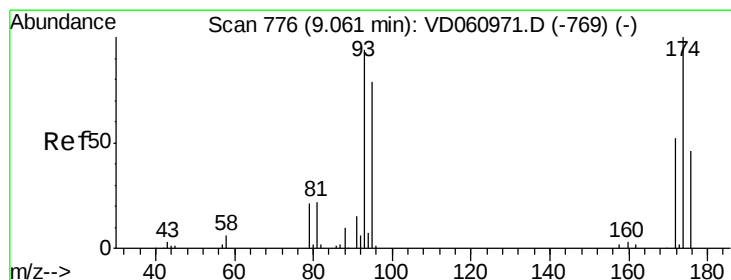
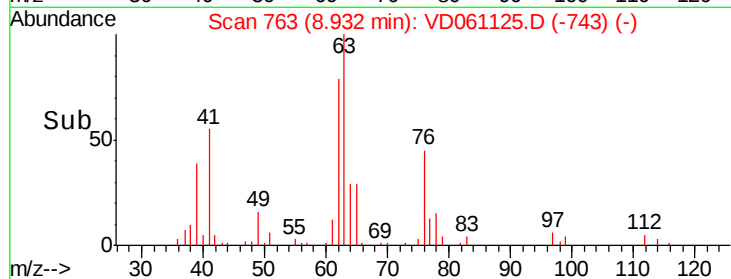
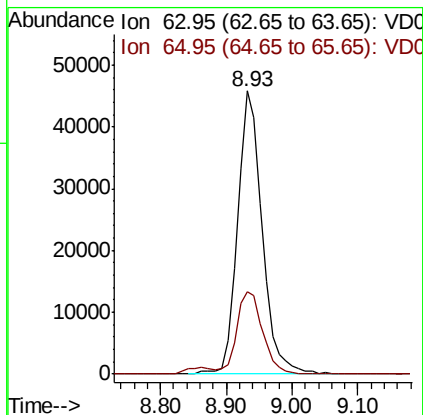
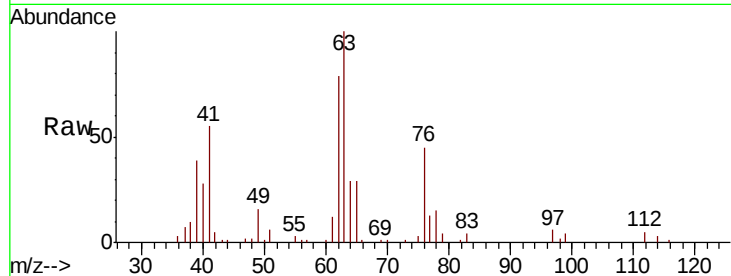
Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





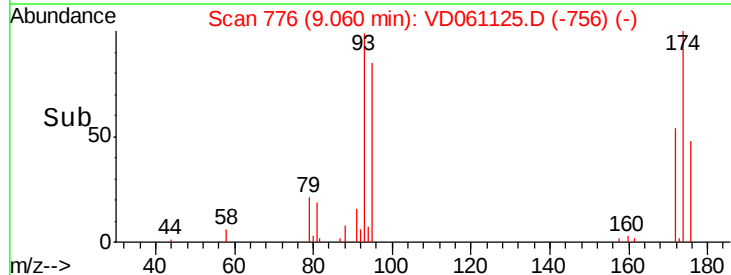
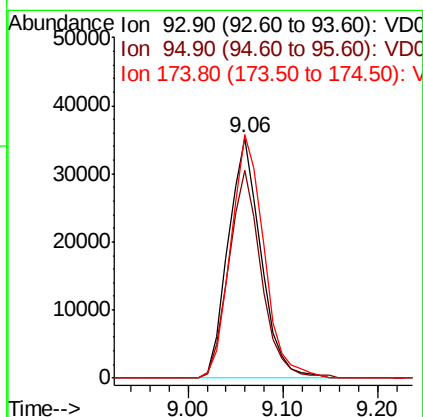
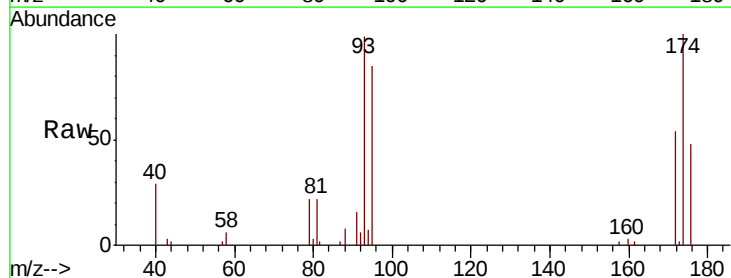
#45
 1,2-Dichloropropane
 Concen: 21.855 ug/l
 RT: 8.93 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion: 63 Resp: 119924
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.8 37.2



#46
 Dibromomethane
 Concen: 24.145 ug/l
 RT: 9.06 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion: 93 Resp: 84041
 Ion Ratio Lower Upper
 93 100
 95 86.6 67.4 101.0
 174 101.5 85.4 128.0





#47

Bromodichloromethane

Concen: 22.222 ug/l

RT: 9.37 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

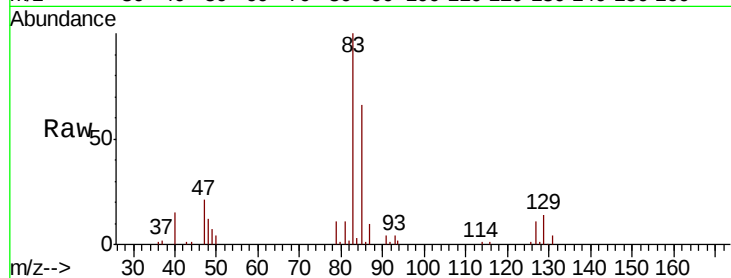
Tgt Ion: 83 Resp: 174539

Ion Ratio Lower Upper

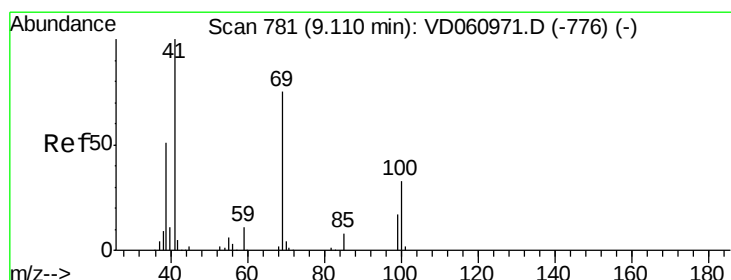
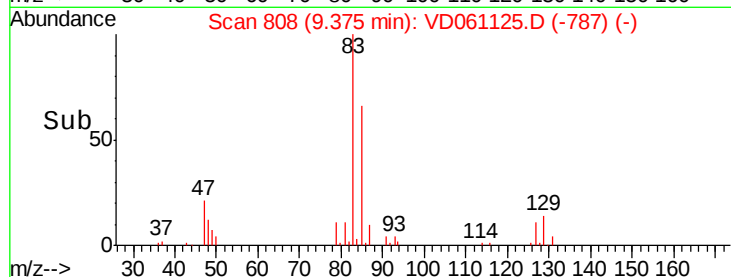
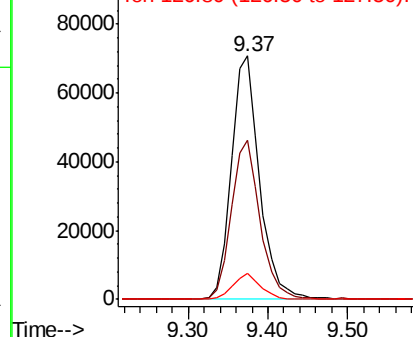
83 100

85 65.5 52.5 78.7

127 10.9 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: 25.796 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

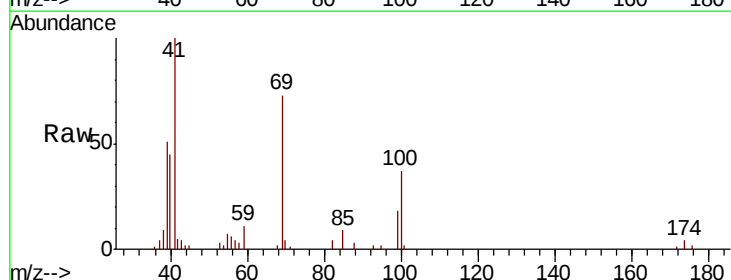
Tgt Ion: 41 Resp: 78904

Ion Ratio Lower Upper

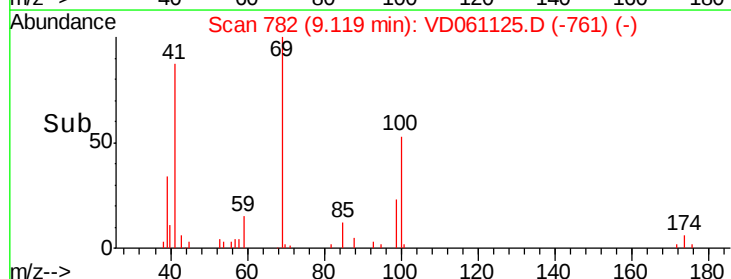
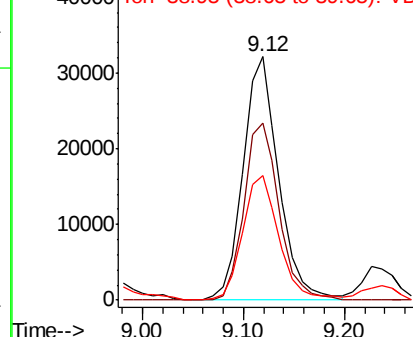
41 100

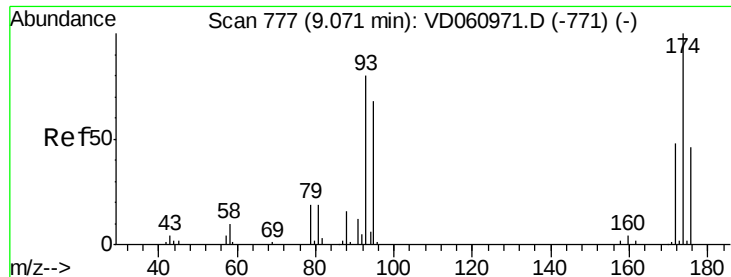
69 72.6 59.9 89.9

39 51.2 40.9 61.3



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





#49

1,4-Dioxane

Concen: 476.278 ug/l

RT: 9.08 min Scan# 778

Delta R.T. 0.01 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

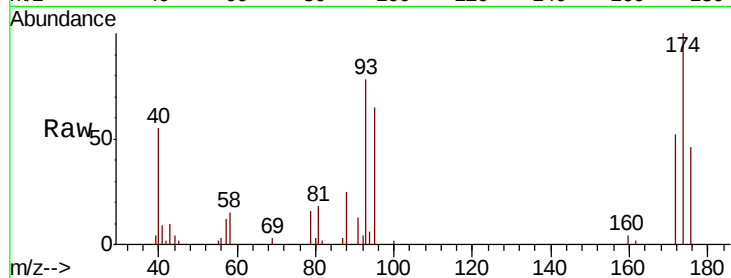
Tgt Ion: 88 Resp: 14731

Ion Ratio Lower Upper

88 100

43 39.6 21.0 31.6#

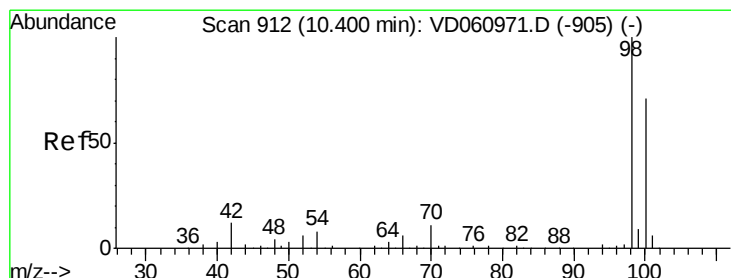
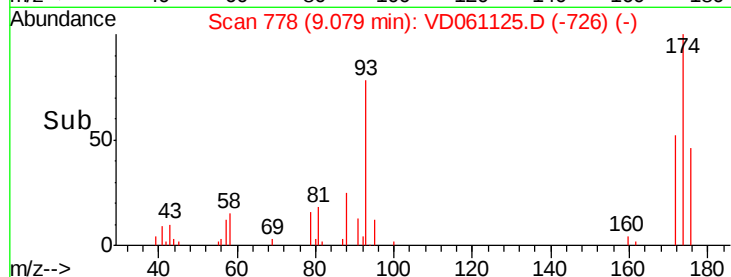
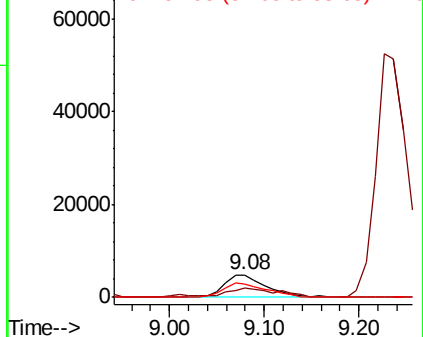
58 60.2 48.6 72.8



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: 476.278 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061125.D

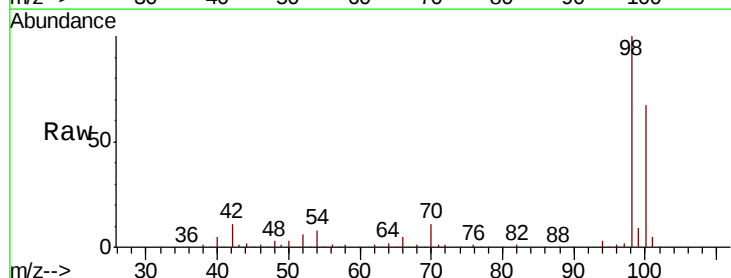
Acq: 17 Mar 2019 00:21

Tgt Ion: 98 Resp: 898749

Ion Ratio Lower Upper

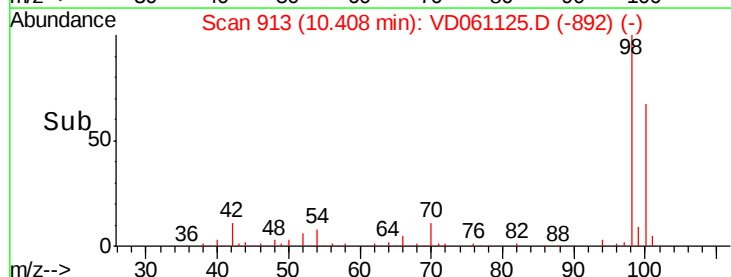
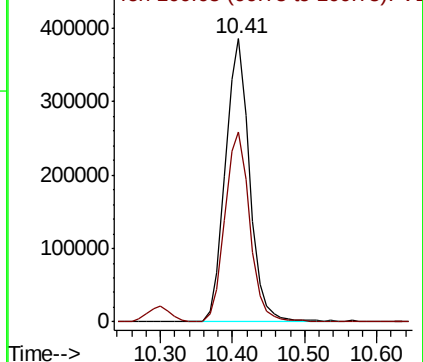
98 100

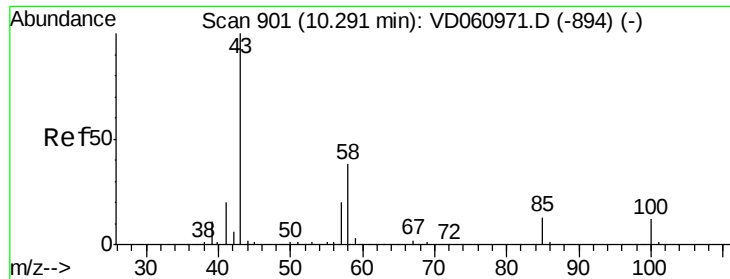
100 67.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

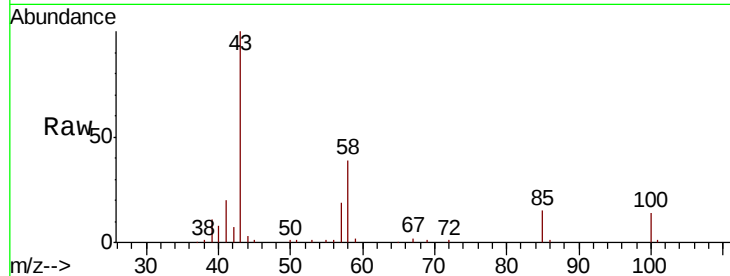
Ion 100.05 (99.75 to 100.75): VDC



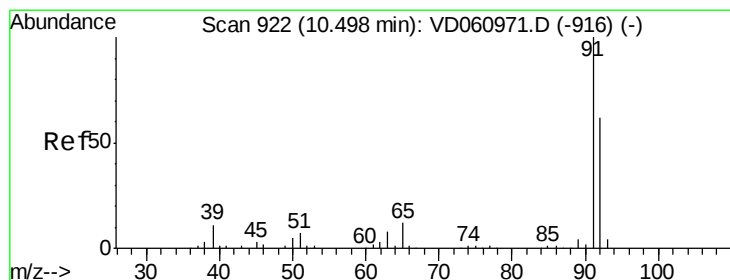
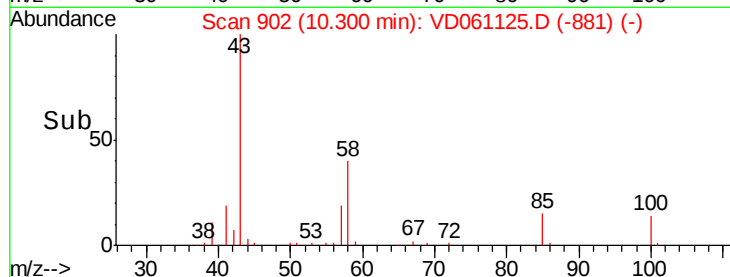
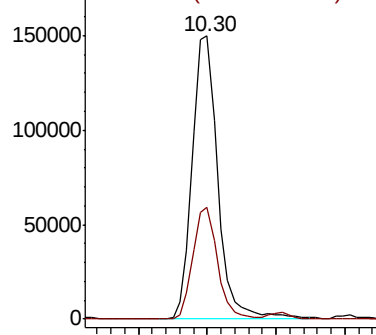


#51
 4-Methyl-2-Pentanone
 Concen: 116.535 ug/l
 RT: 10.30 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion: 43 Resp: 387846
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.2 45.2

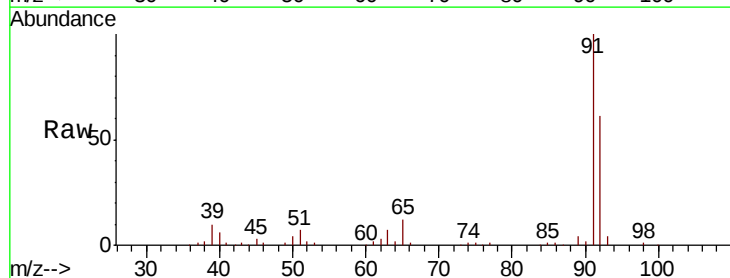


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

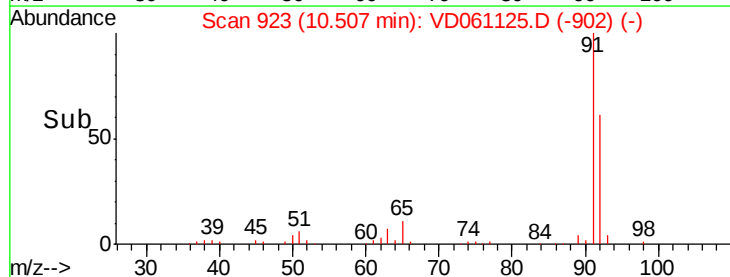
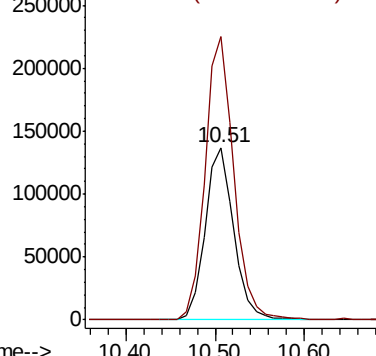


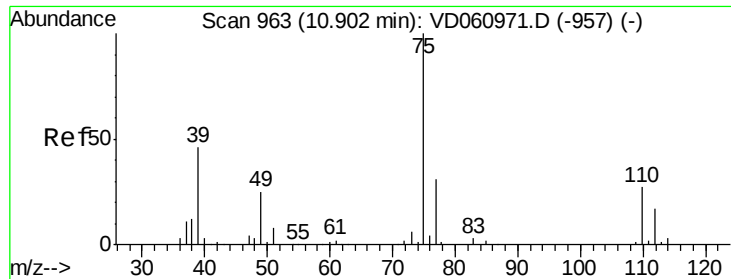
#52
 Toluene
 Concen: 23.497 ug/l
 RT: 10.51 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion: 92 Resp: 305167
 Ion Ratio Lower Upper
 92 100
 91 164.5 129.8 194.8



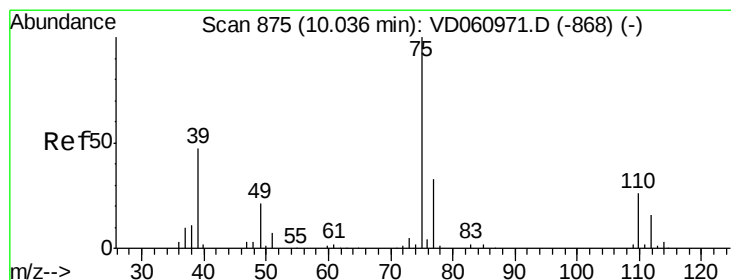
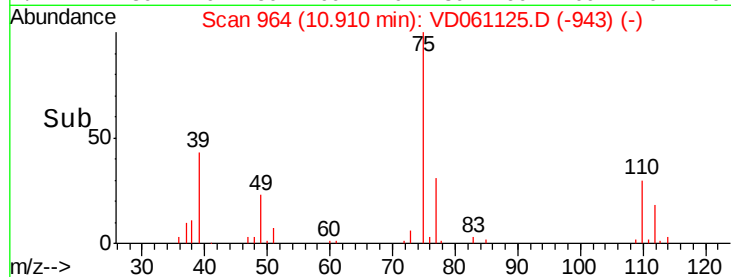
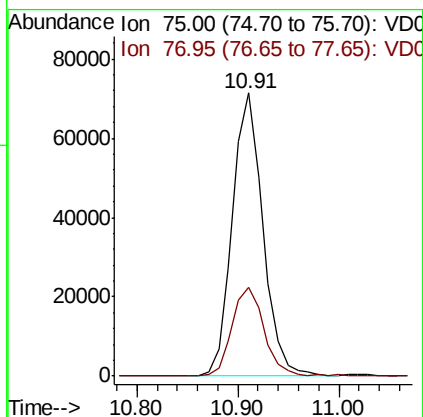
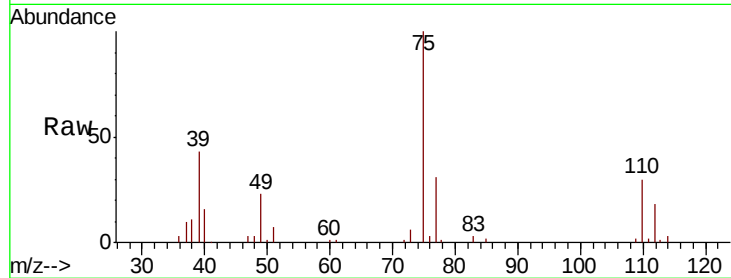
Abundance Ion 92.00 (91.70 to 92.70): VDC
 Ion 91.00 (90.70 to 91.70): VDC





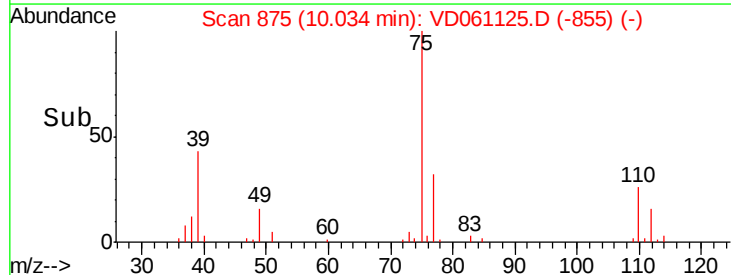
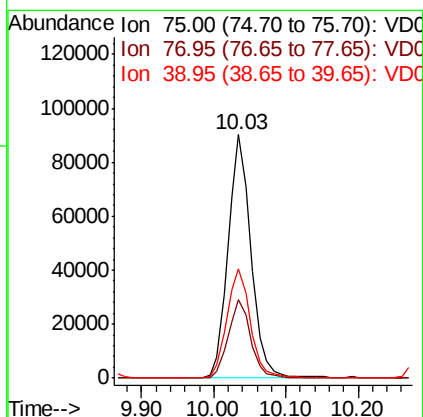
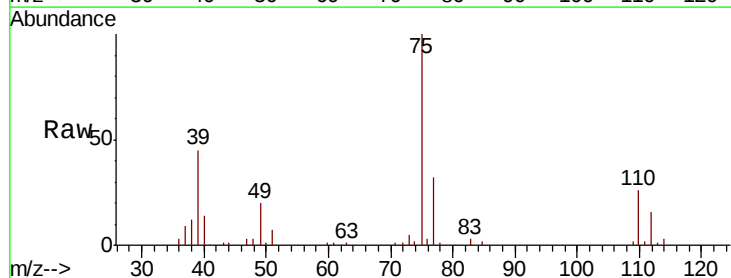
#53
t-1,3-Dichloropropene
Concen: 20.871 ug/l
RT: 10.91 min Scan# 964
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

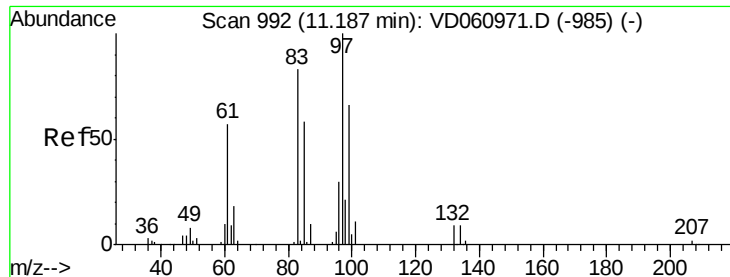
Tgt Ion: 75 Resp: 149893
Ion Ratio Lower Upper
75 100
77 31.5 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 23.109 ug/l
RT: 10.03 min Scan# 875
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

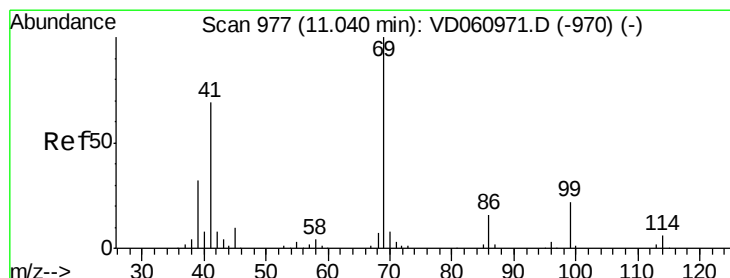
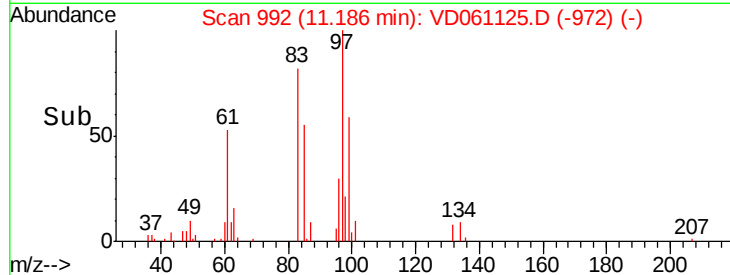
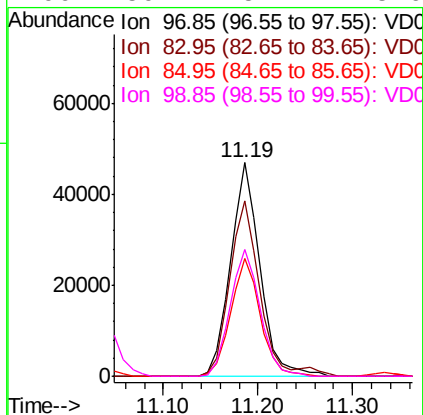
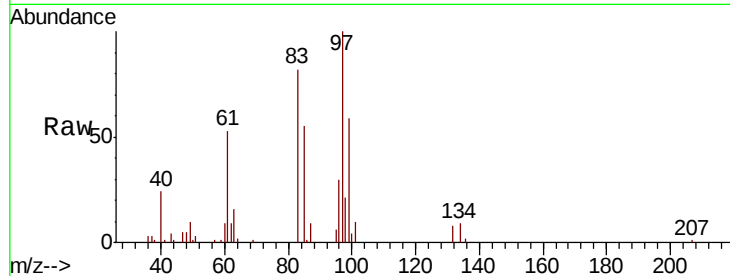
Tgt Ion: 75 Resp: 199411
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.4
39 44.8 37.8 56.8





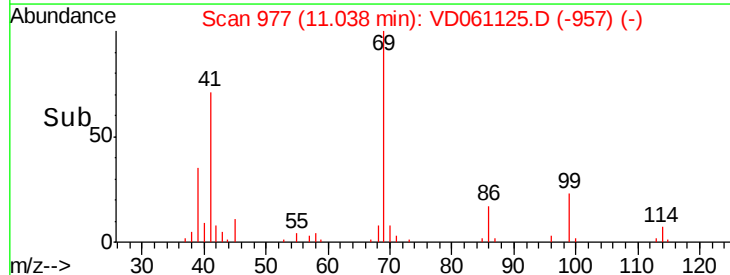
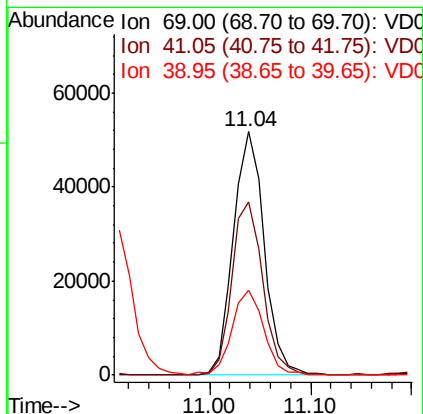
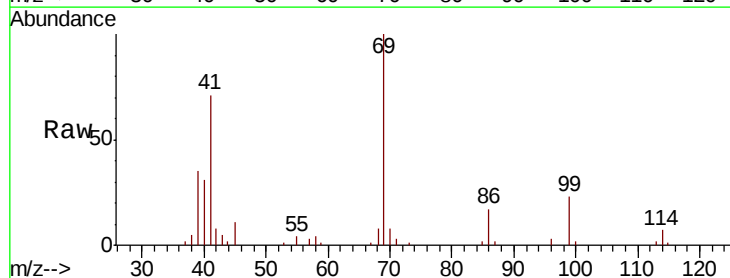
#55
 1,1,2-Trichloroethane
 Concen: 23.268 ug/l
 RT: 11.19 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

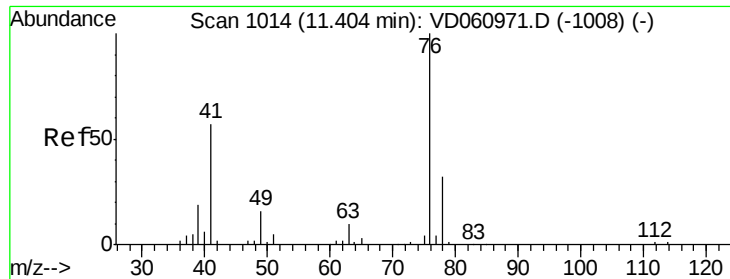
Tgt Ion:	97	Resp:	100637
Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.6	100.0
85	55.0	46.4	69.6
99	59.4	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 24.372 ug/l
 RT: 11.04 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

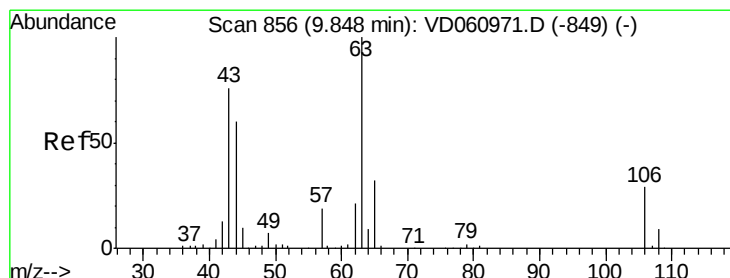
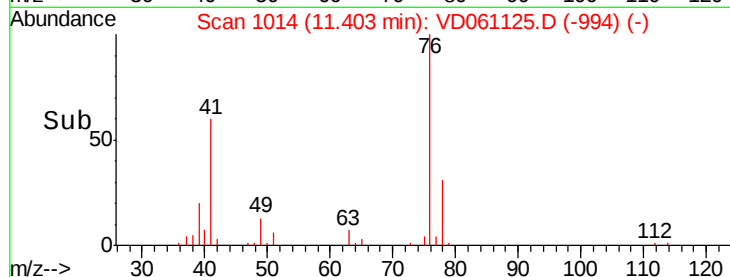
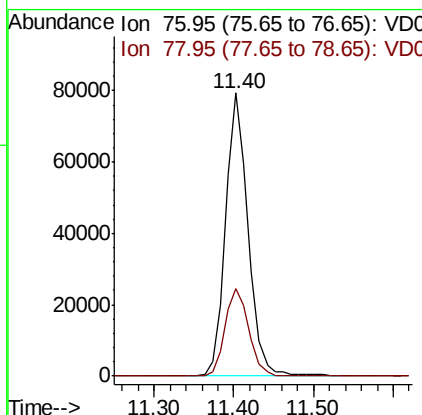
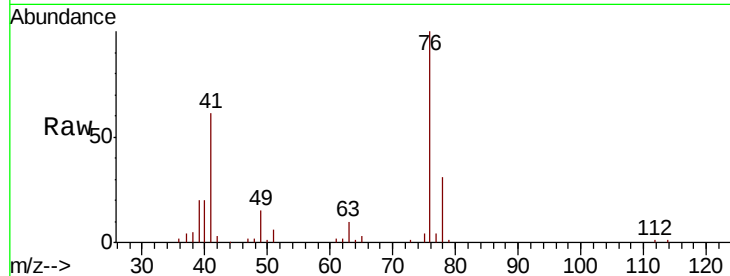
Tgt Ion:	69	Resp:	110335
Ion	Ratio	Lower	Upper
69	100		
41	71.4	55.5	83.3
39	35.0	26.2	39.2





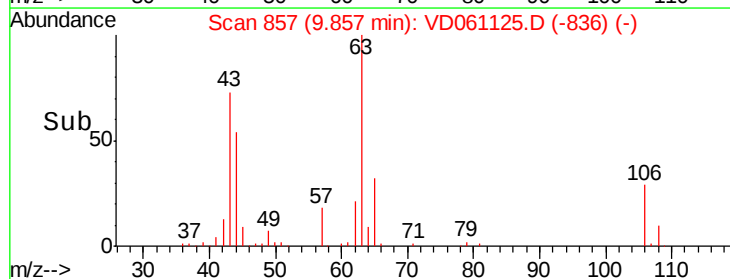
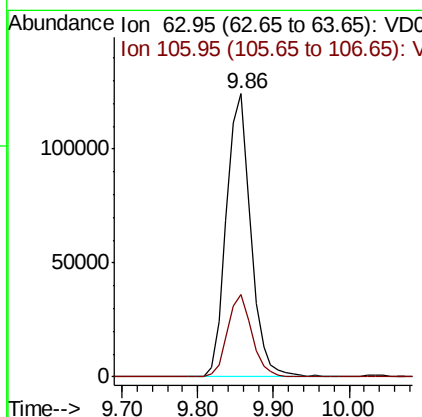
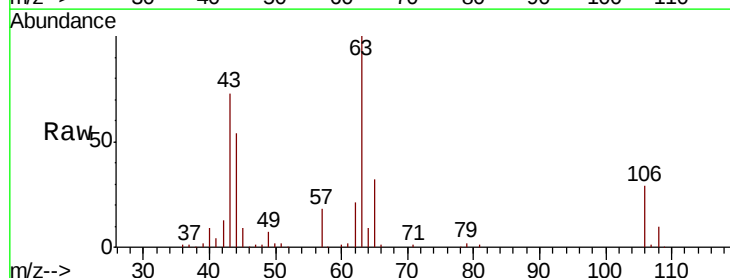
#57
 1,3-Dichloropropane
 Concen: 24.279 ug/l
 RT: 11.40 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

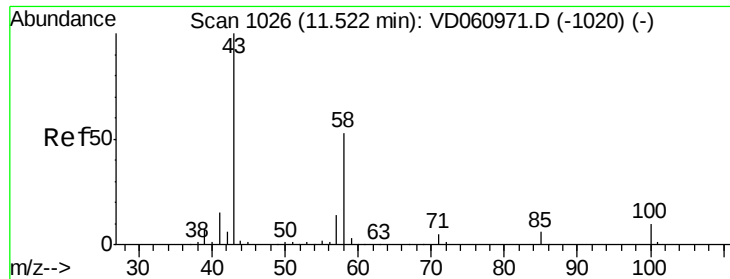
Tgt Ion: 76 Resp: 156924
 Ion Ratio Lower Upper
 76 100
 78 30.8 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.766 ug/l
 RT: 9.86 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

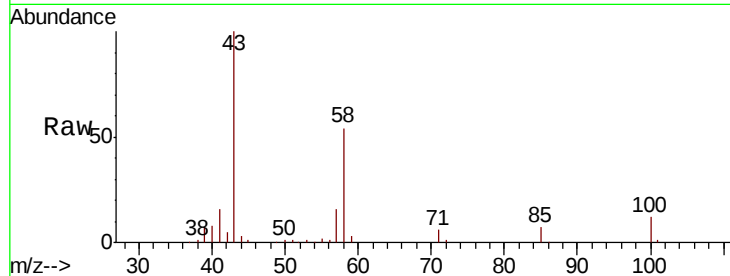
Tgt Ion: 63 Resp: 277413
 Ion Ratio Lower Upper
 63 100
 106 29.2 22.8 34.2



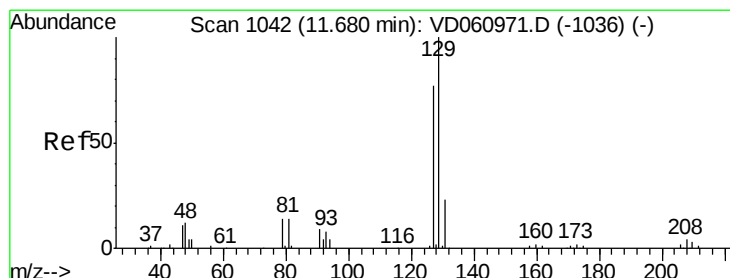
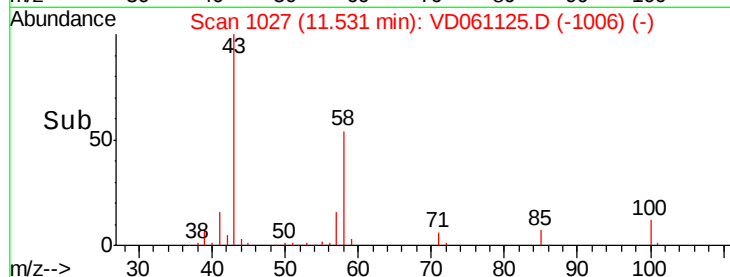
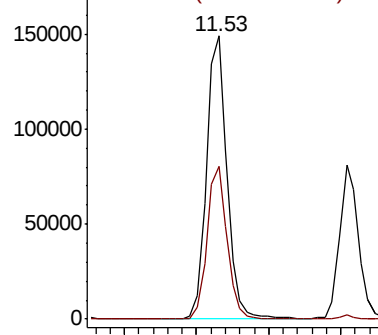


#59
2-Hexanone
Concen: 121.329 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 43 Resp: 295377
Ion Ratio Lower Upper
43 100
58 53.9 26.5 79.5

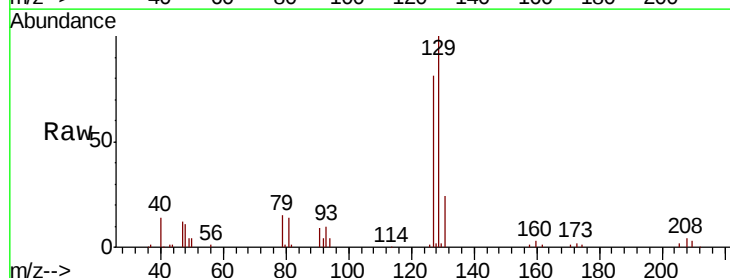


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

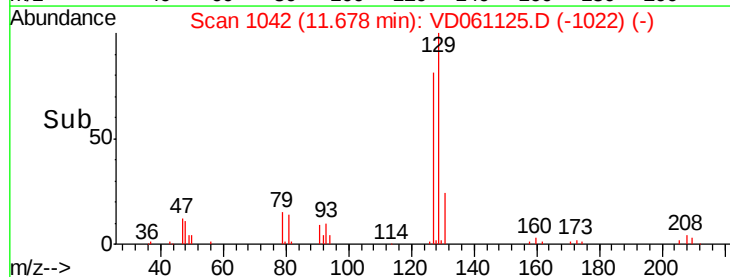
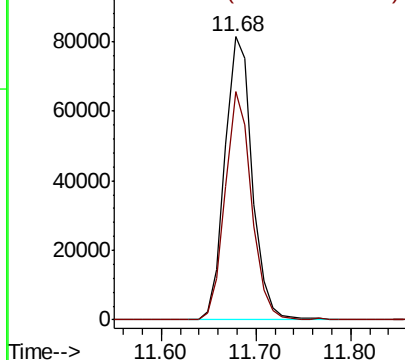


#60
Dibromochloromethane
Concen: 25.597 ug/l
RT: 11.68 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 129 Resp: 162935
Ion Ratio Lower Upper
129 100
127 80.7 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: 23.546 ug/l

RT: 11.80 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VD061125.D

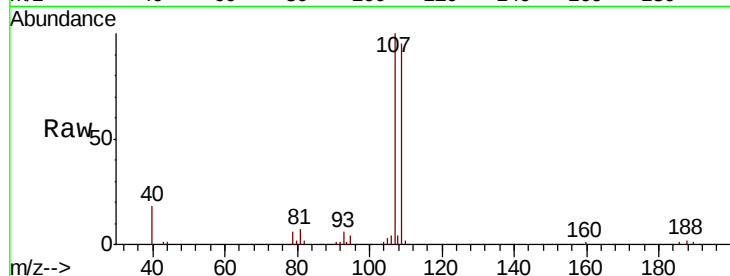
Acq: 17 Mar 2019 00:21

Tgt Ion: 107 Resp: 118469

Ion Ratio Lower Upper

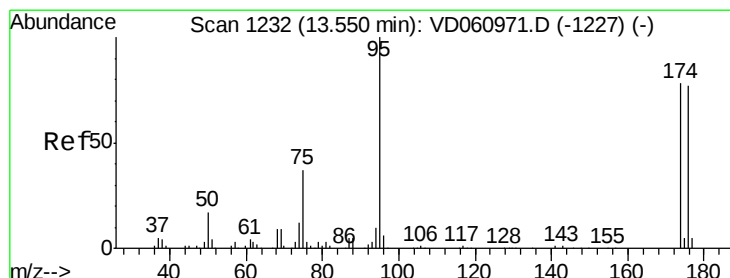
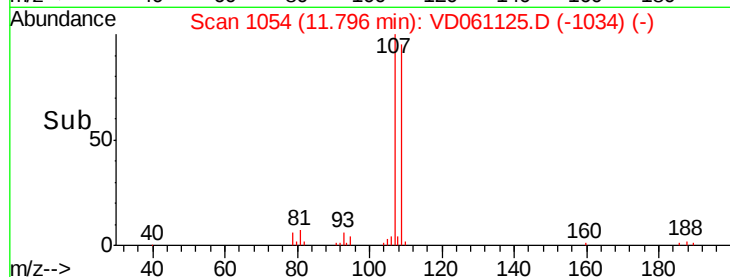
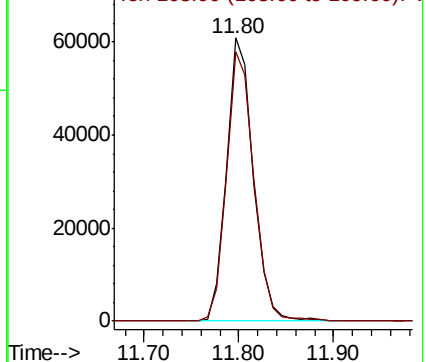
107 100

109 95.2 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: 23.546 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

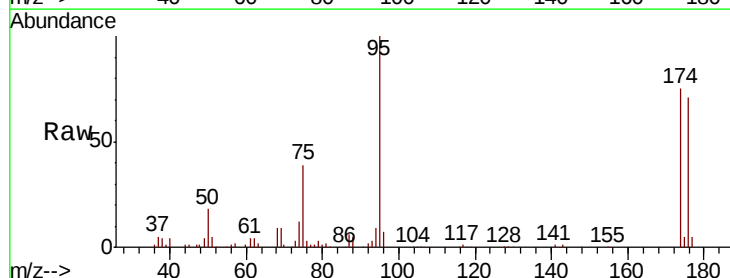
Tgt Ion: 95 Resp: 350656

Ion Ratio Lower Upper

95 100

174 74.7 0.0 155.6

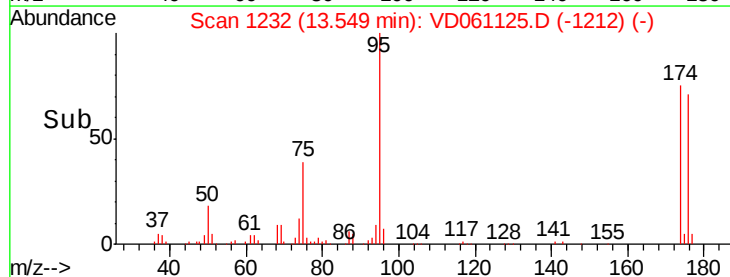
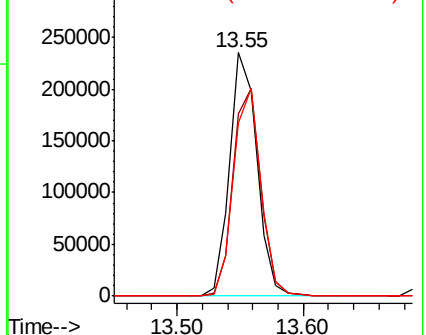
176 71.1 0.0 153.8

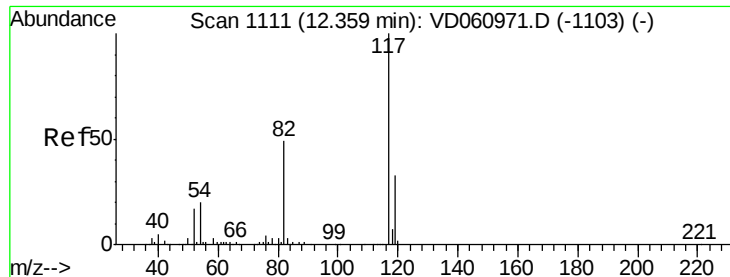


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

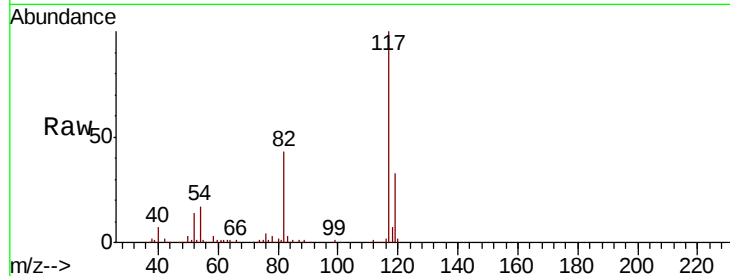
Ion 175.90 (175.60 to 176.60): V





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	43.2	38.9	58.3
119	33.5	26.6	39.8

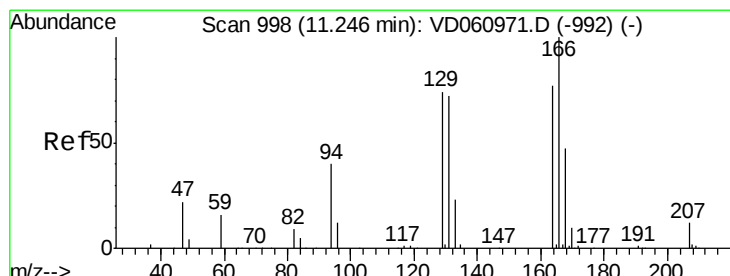
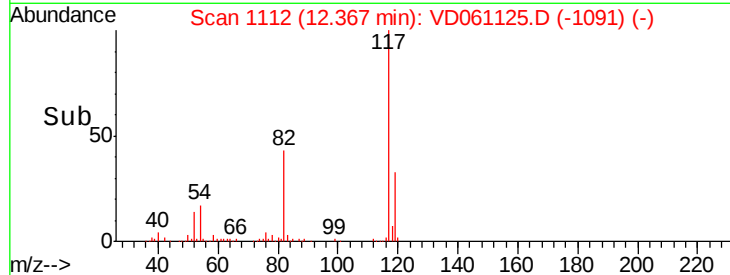
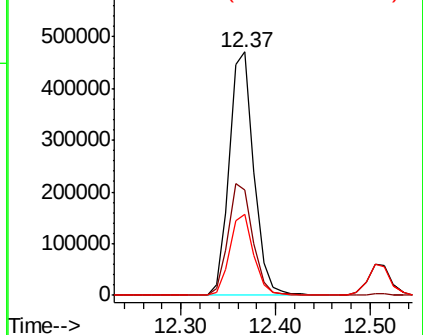


Abundance

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: 23.729 ug/l
RT: 11.25 min Scan# 999
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	103.4	155.0
129	94.5	76.9	115.3
131	88.3	74.4	111.6

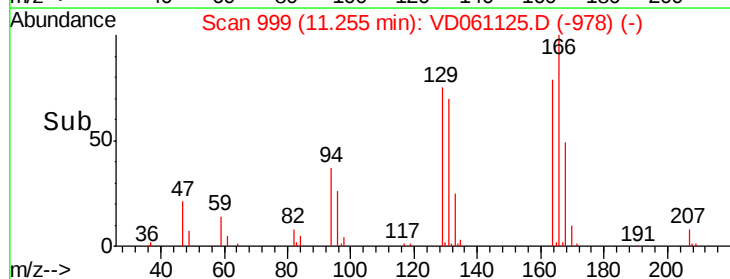
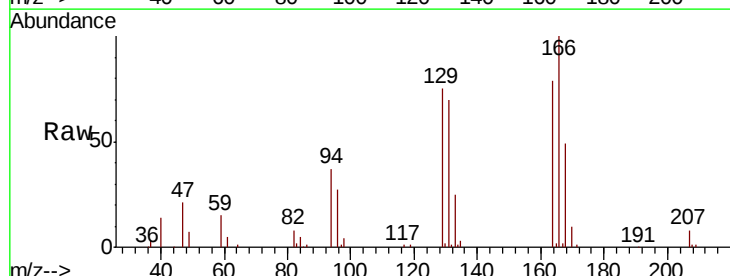
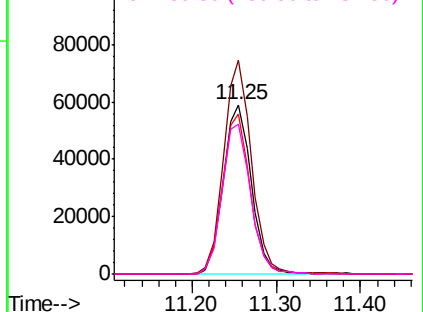
Abundance

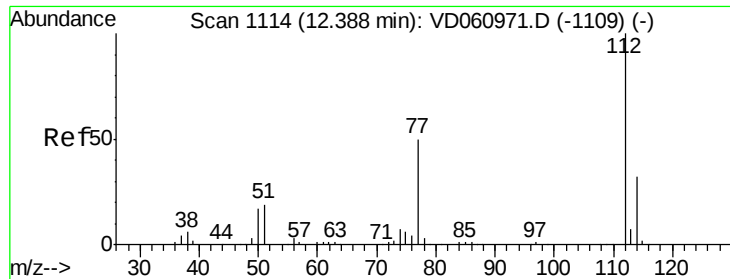
Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

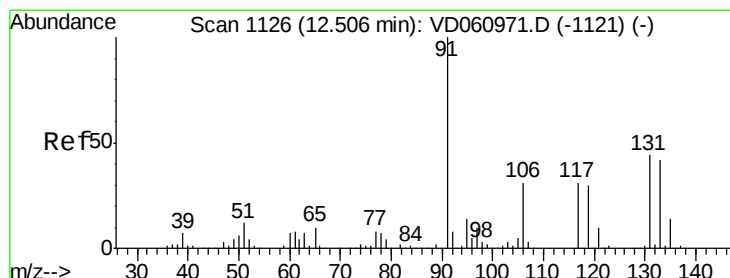
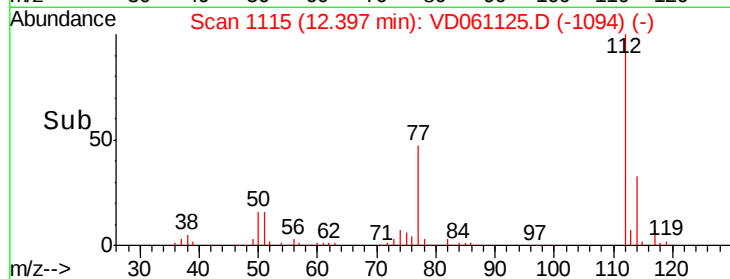
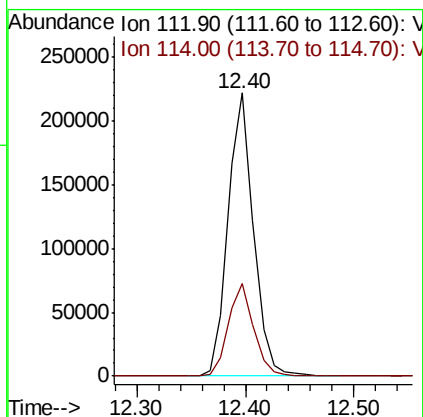
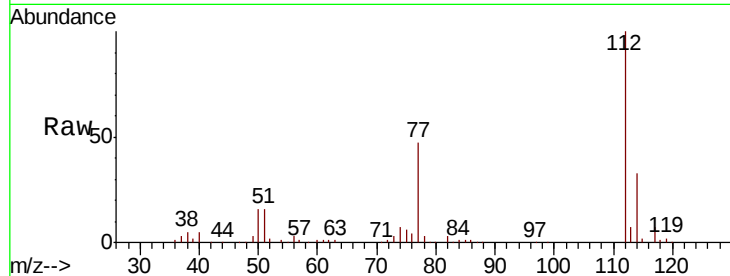
Ion 130.80 (130.50 to 131.50): V





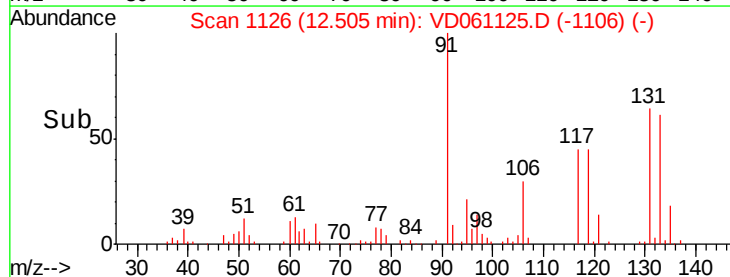
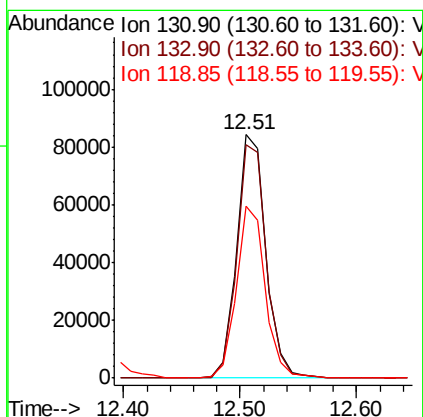
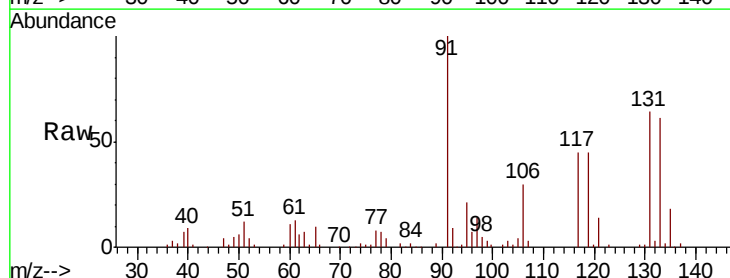
#65
Chlorobenzene
Concen: 21.906 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion:112 Resp: 363492
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 24.575 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

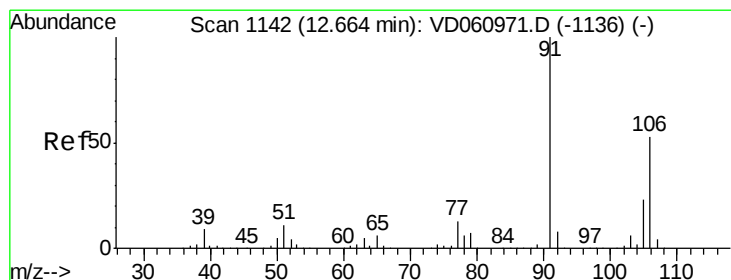
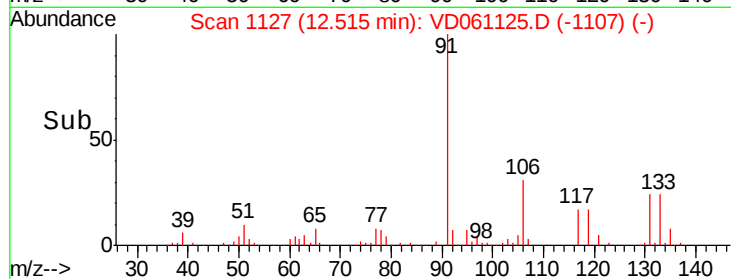
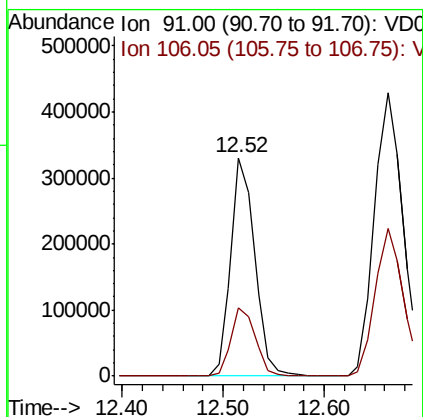
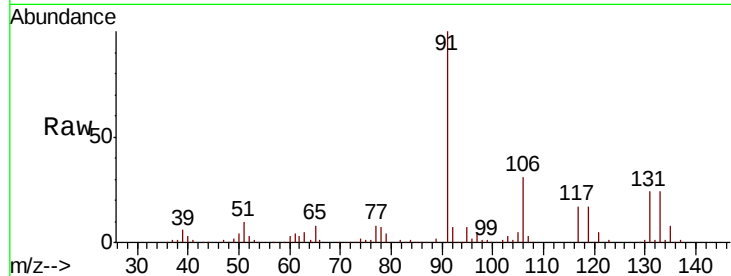
Tgt Ion:131 Resp: 145356
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 70.7 34.3 102.9





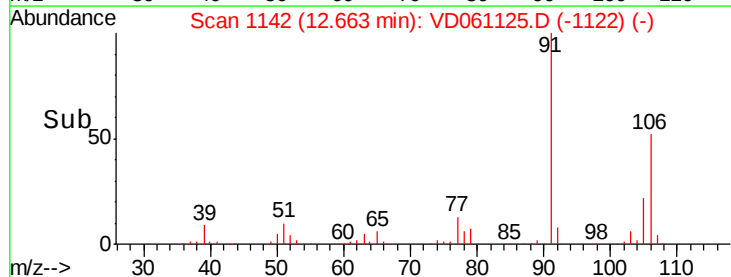
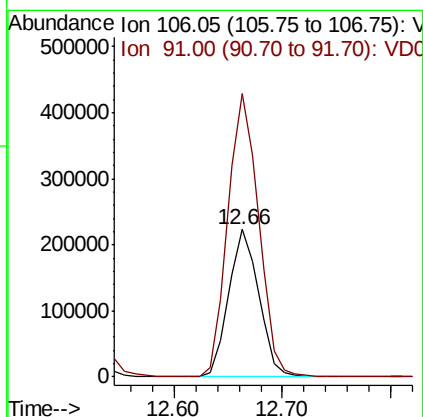
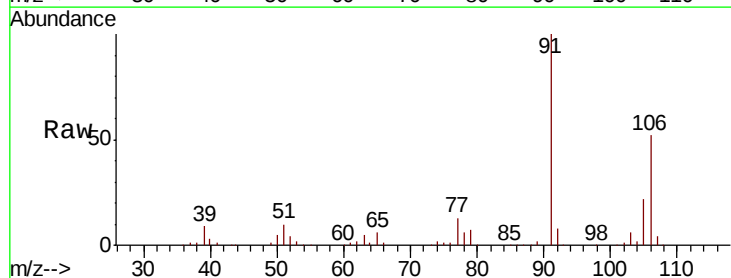
#67
Ethyl Benzene
Concen: 22.218 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

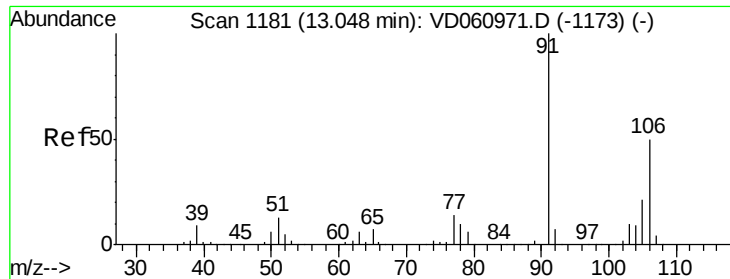
Tgt Ion: 91 Resp: 548847
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5



#68
m/p-Xylenes
Concen: 44.639 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

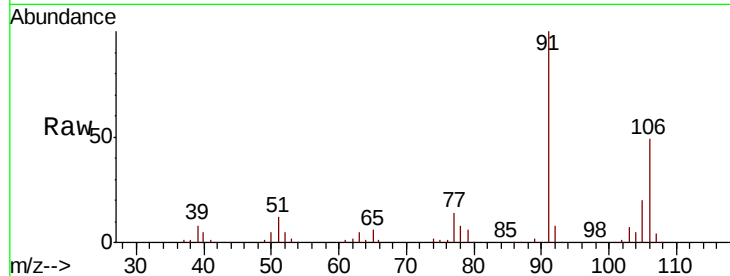
Tgt Ion: 106 Resp: 432815
Ion Ratio Lower Upper
106 100
91 192.3 152.0 228.0



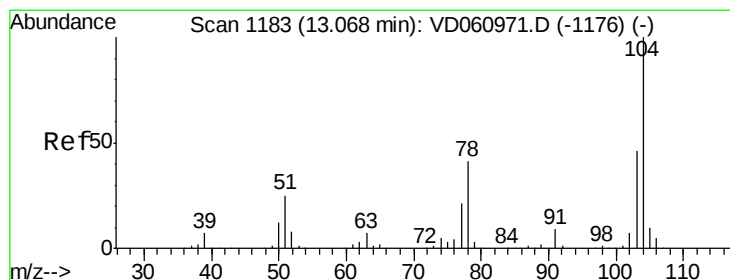
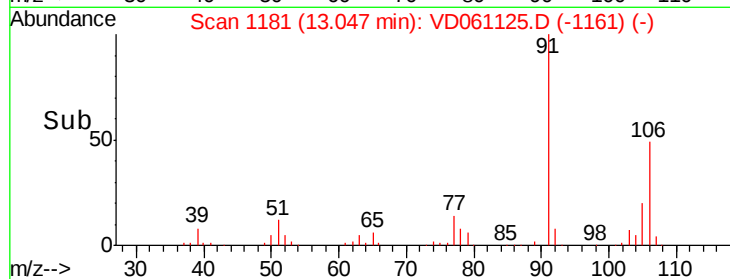
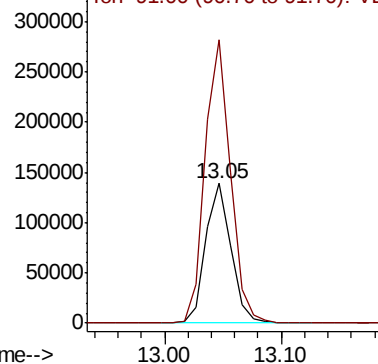


#69
o-Xylene
Concen: 21.961 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion:106 Resp: 209300
Ion Ratio Lower Upper
106 100
91 202.9 99.8 299.3

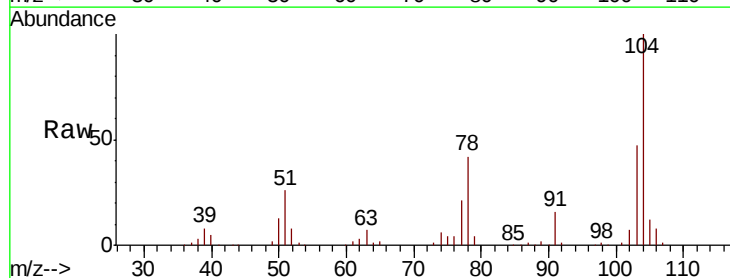


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

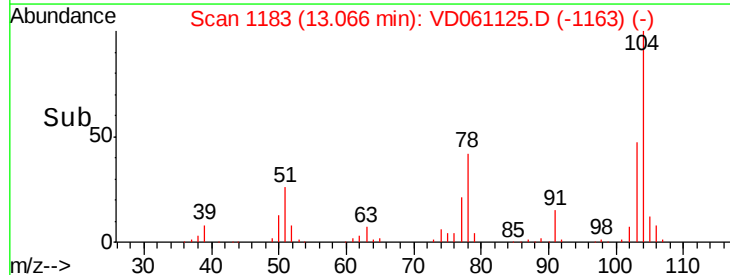
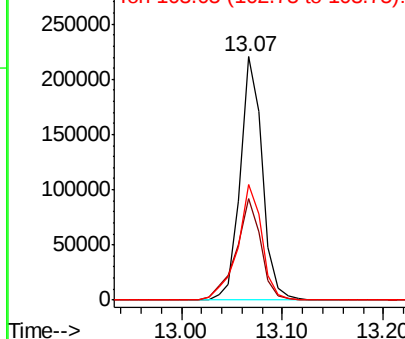


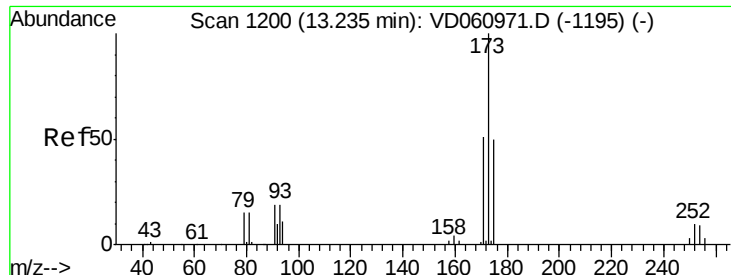
#70
Styrene
Concen: 21.441 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion:104 Resp: 333682
Ion Ratio Lower Upper
104 100
78 41.8 33.0 49.4
103 47.4 37.1 55.7



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





#71

Bromoform

Concen: 23.276 ug/l

RT: 13.23 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

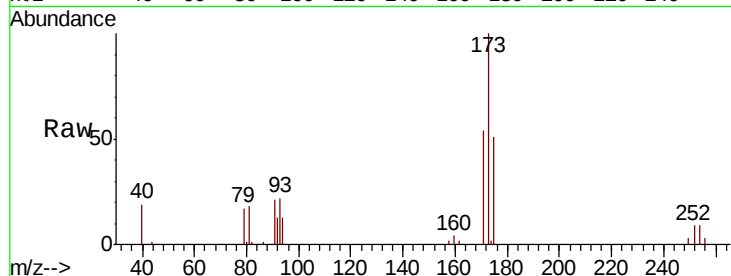
Tgt Ion:173 Resp: 88812

Ion Ratio Lower Upper

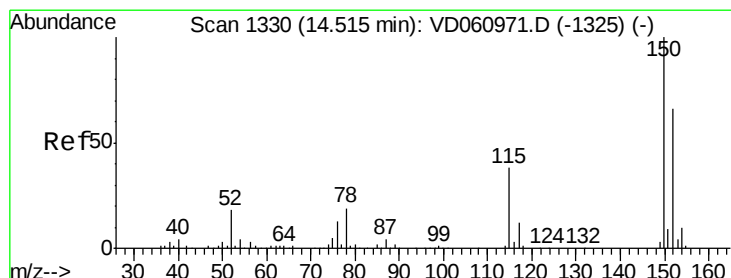
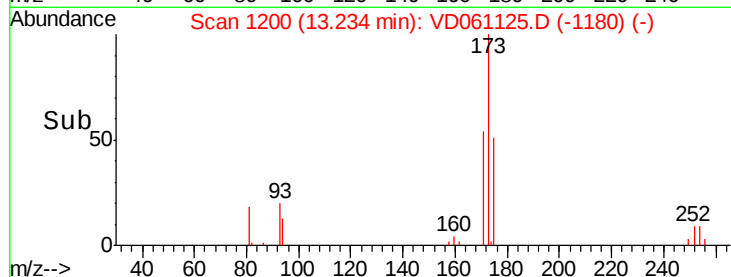
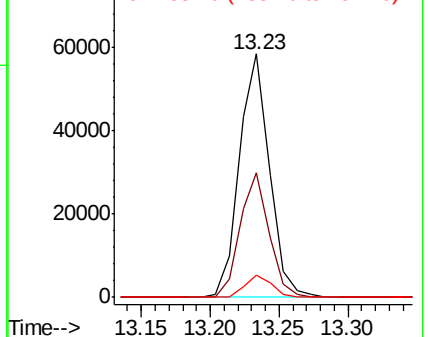
173 100

175 51.1 24.9 74.8

254 9.3 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: VD061125.D

Acq: 17 Mar 2019 00:21

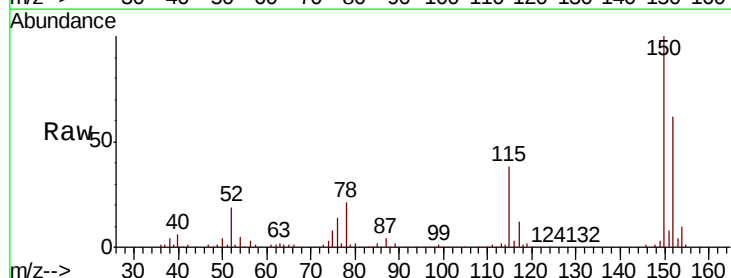
Tgt Ion:152 Resp: 372155

Ion Ratio Lower Upper

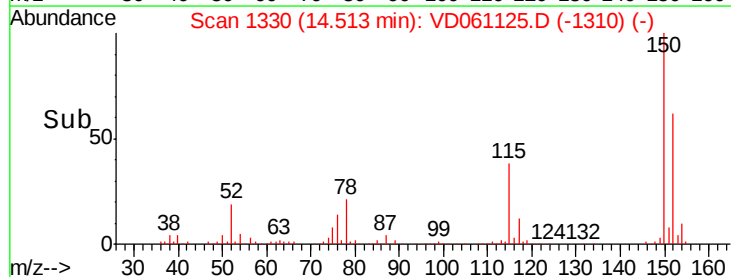
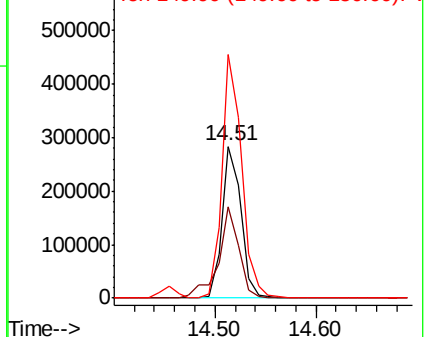
152 100

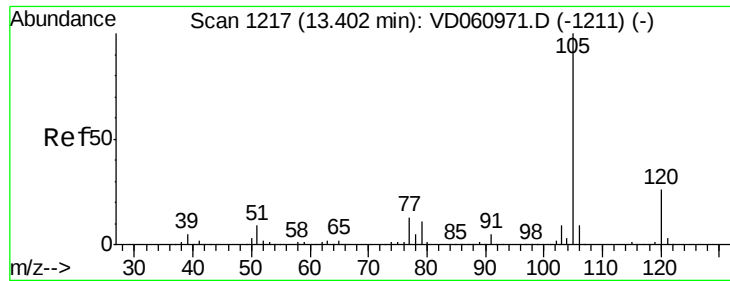
115 60.3 28.6 85.9

150 160.7 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: 21.990 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD061125.D

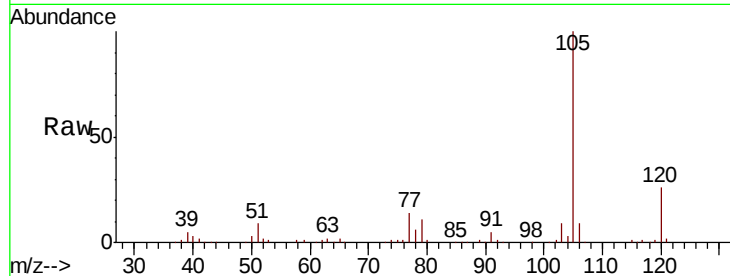
Acq: 17 Mar 2019 00:21

Tgt Ion: 105 Resp: 589778

Ion Ratio Lower Upper

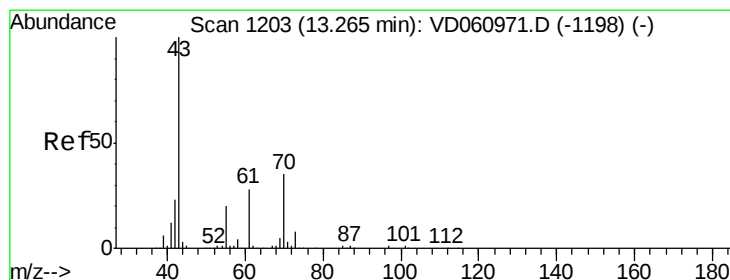
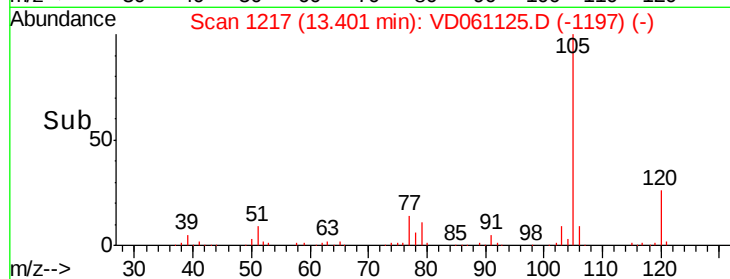
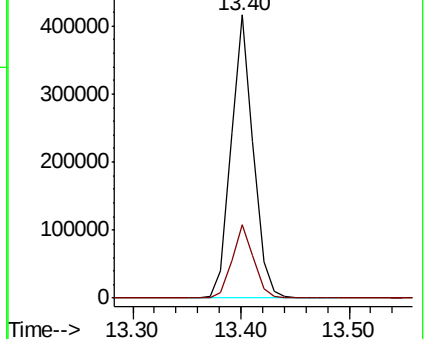
105 100

120 25.8 12.8 38.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 20.325 ug/l

RT: 13.26 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tgt Ion: 43 Resp: 153495

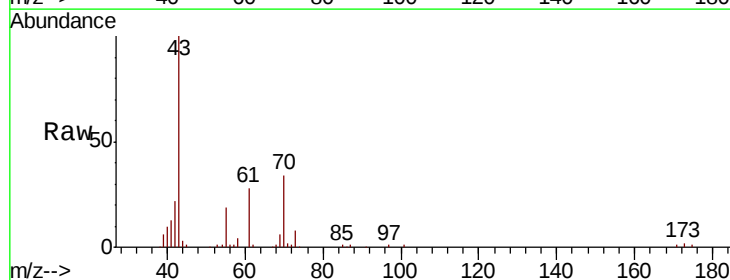
Ion Ratio Lower Upper

43 100

70 33.9 27.7 41.5

55 19.0 16.2 24.2

61 28.2 22.3 33.5

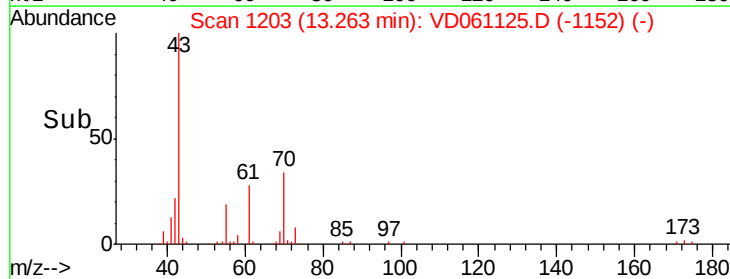
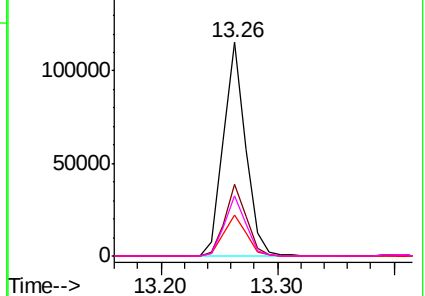


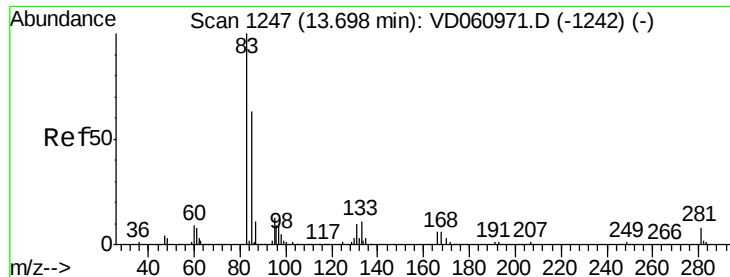
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.189 ug/l

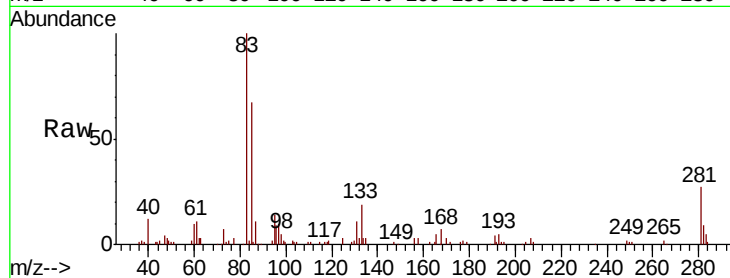
RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

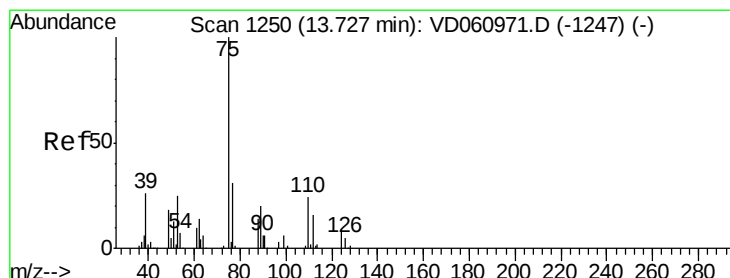
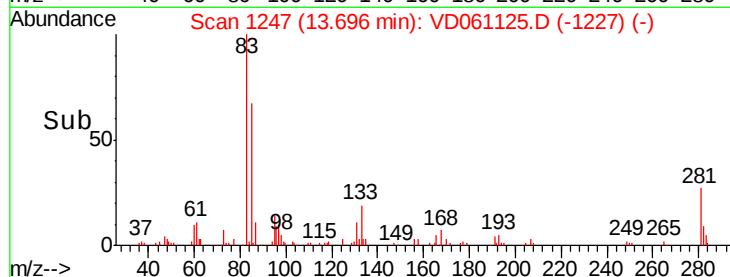
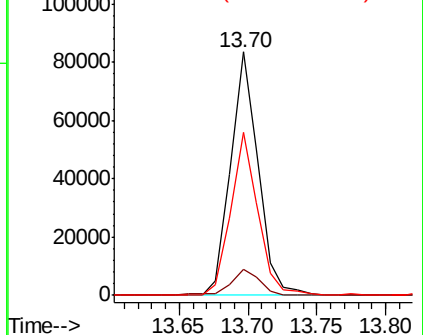
Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tgt Ion:	83	Resp:	116113
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.3
85	66.8	31.5	94.5



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 130.90 (130.60 to 131.60): VDC
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 22.922 ug/l

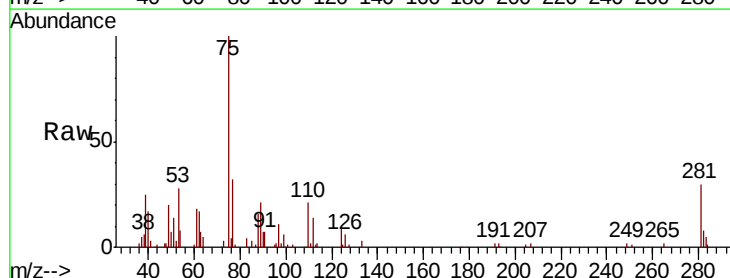
RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

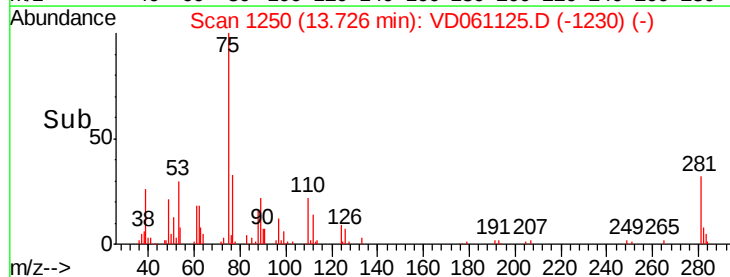
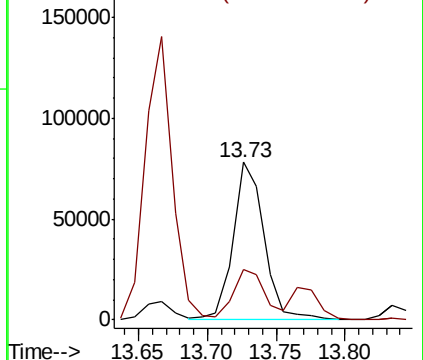
Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tgt Ion:	75	Resp:	122725
Ion	Ratio	Lower	Upper
75	100		
77	31.6	16.6	49.7



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





#77

Bromobenzene

Concen: 22.545 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

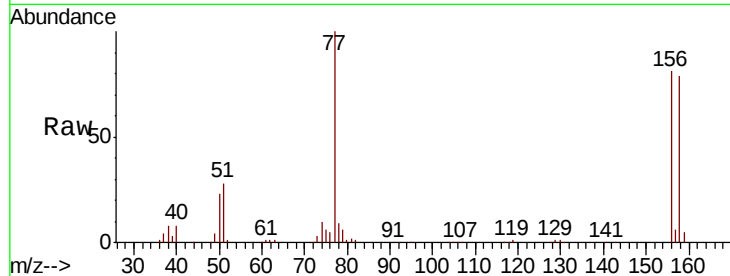
Tgt Ion: 156 Resp: 154355

Ion Ratio Lower Upper

156 100

77 123.7 55.5 166.7

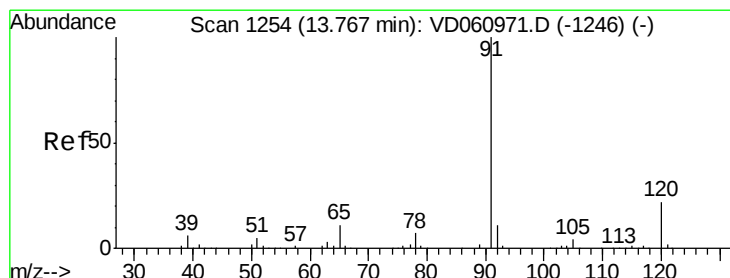
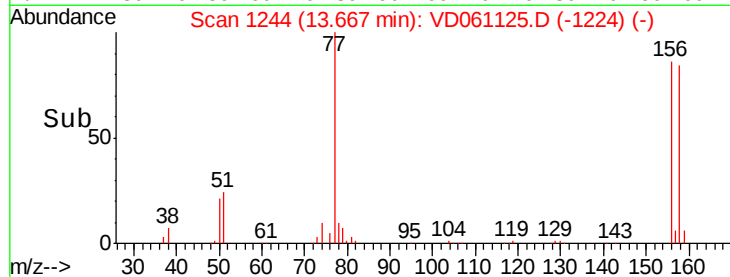
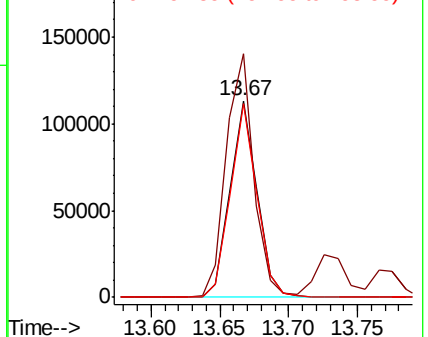
158 98.3 49.0 147.0



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: 21.698 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD061125.D

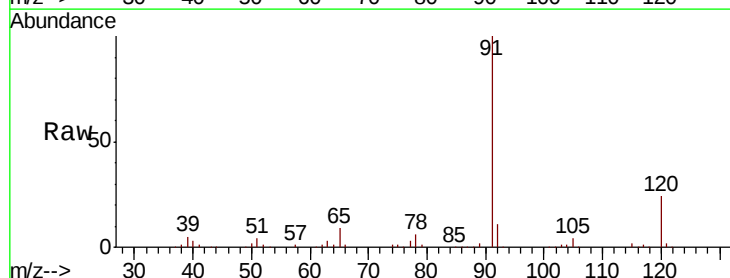
Acq: 17 Mar 2019 00:21

Tgt Ion: 91 Resp: 681275

Ion Ratio Lower Upper

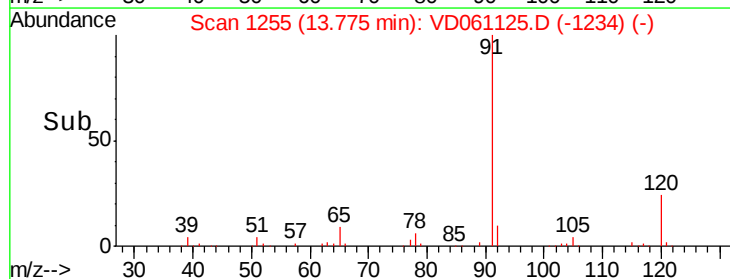
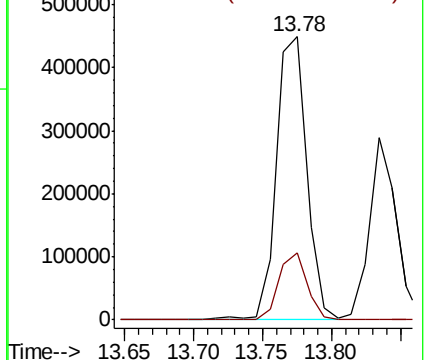
91 100

120 23.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

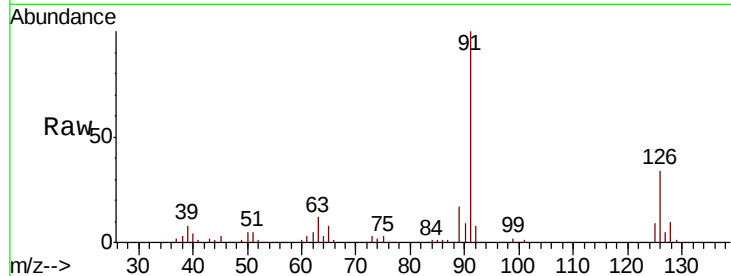
Ion 120.05 (119.75 to 120.75): V



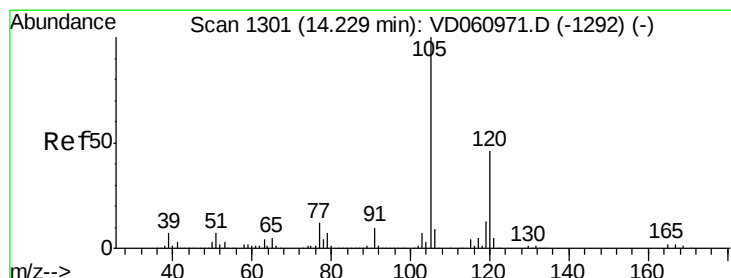
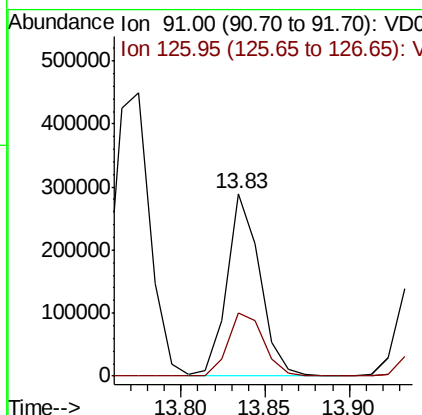
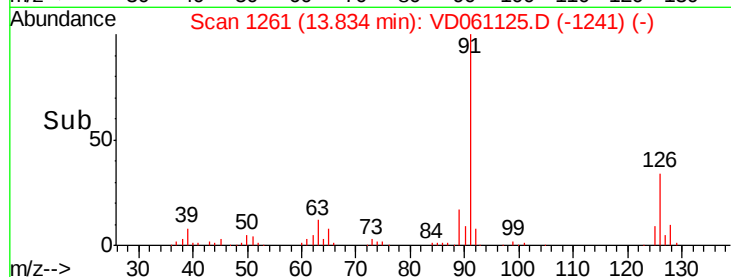


#79
 2-Chlorotoluene
 Concen: 22.486 ug/l
 RT: 13.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion: 91 Resp: 388700
 Ion Ratio Lower Upper
 91 100
 126 34.4 18.6 55.6

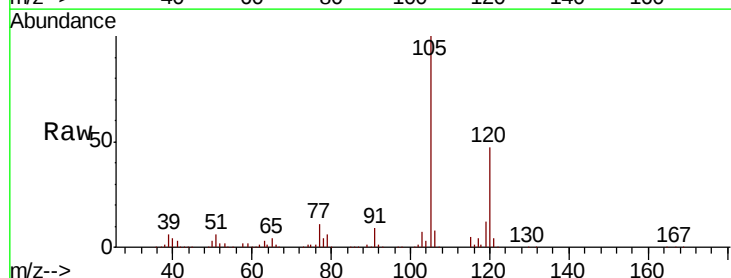


Abundance Ion 91.00 (90.70 to 91.70): VD061125.D (-1241) (-)
 Ion 125.95 (125.65 to 126.65): VD061125.D (-1241) (-)

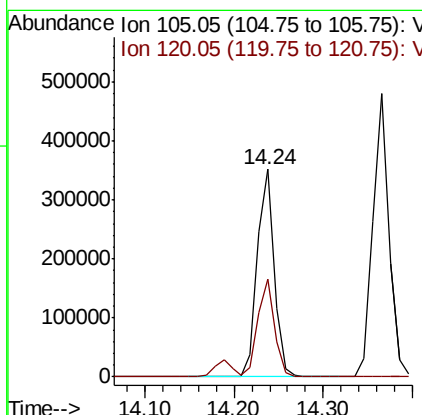
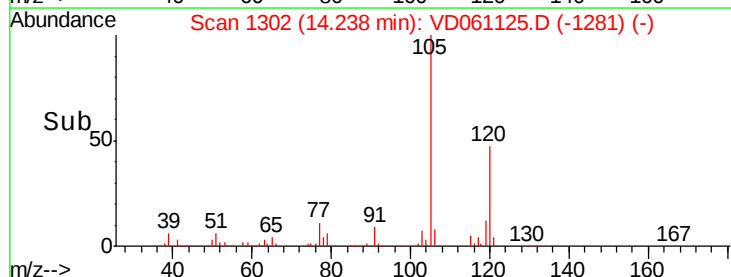


#80
 1,3,5-Trimethylbenzene
 Concen: 22.563 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion: 105 Resp: 459416
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): VD061125.D (-1281) (-)
 Ion 120.05 (119.75 to 120.75): VD061125.D (-1281) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.509 ug/l

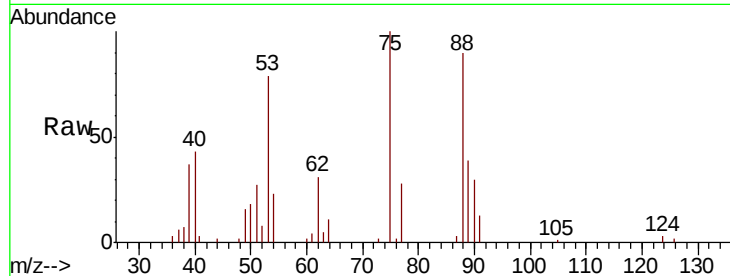
RT: 13.47 min Scan# 1224

Delta R.T. -0.00 min

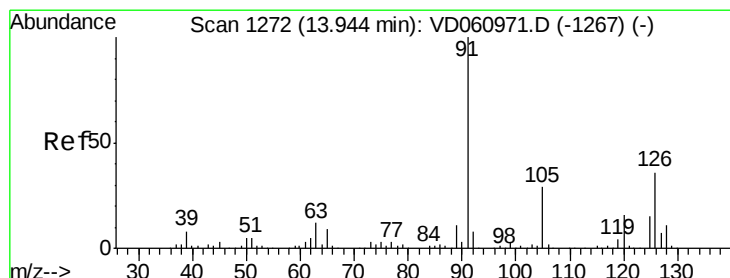
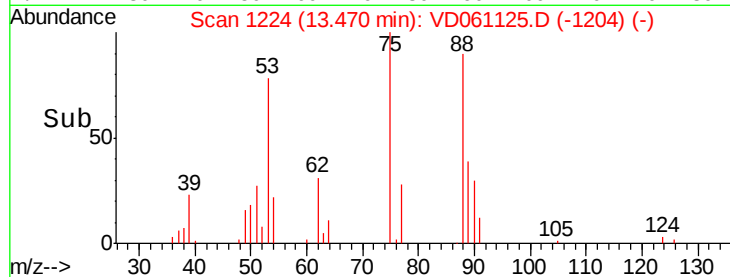
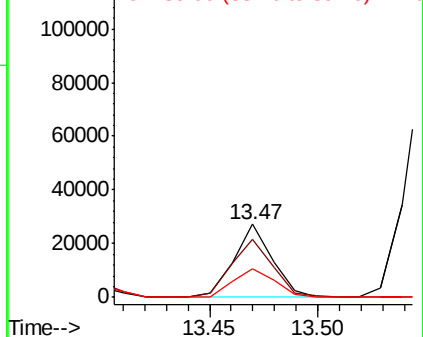
Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tgt Ion:	75	Resp:	33952
Ion	Ratio	Lower	Upper
75	100		
53	79.5	64.4	96.6
89	38.8	34.8	52.2



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



#82

4-Chlorotoluene

Concen: 20.507 ug/l

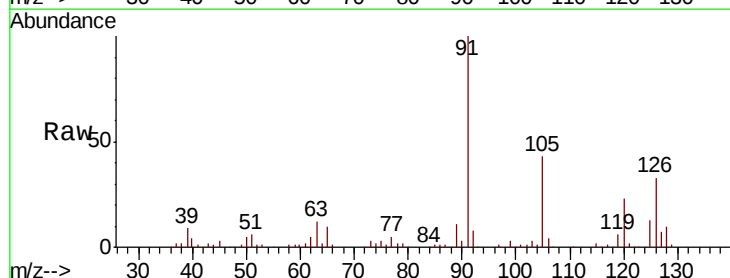
RT: 13.94 min Scan# 1272

Delta R.T. -0.00 min

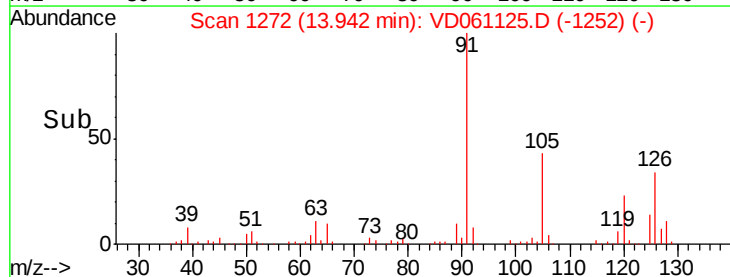
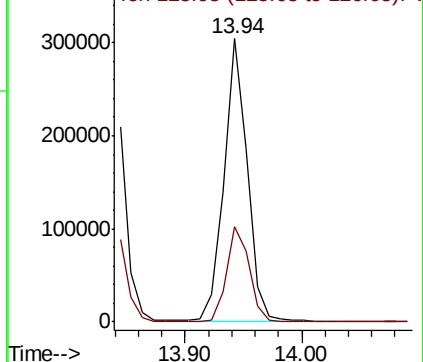
Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tgt Ion:	91	Resp:	419078
Ion	Ratio	Lower	Upper
91	100		
126	33.5	18.0	54.0



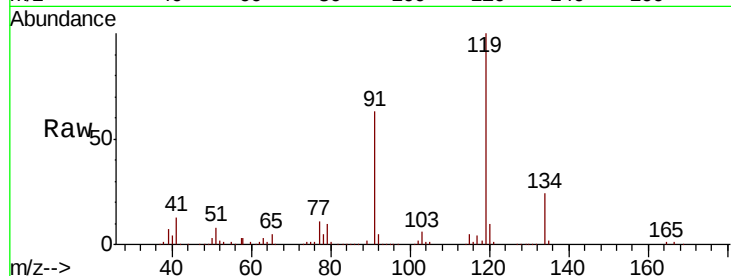
Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V



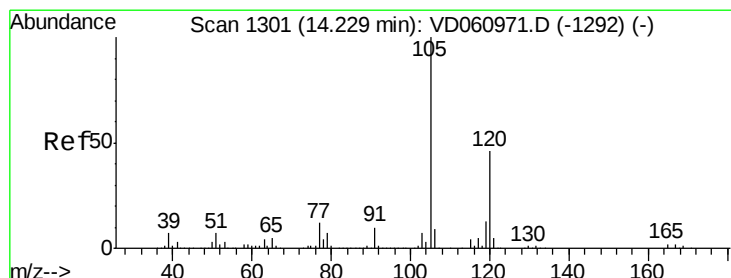
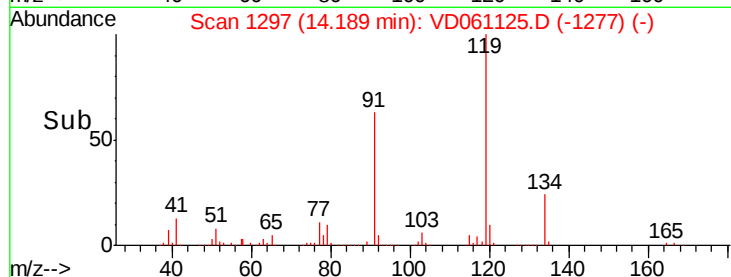
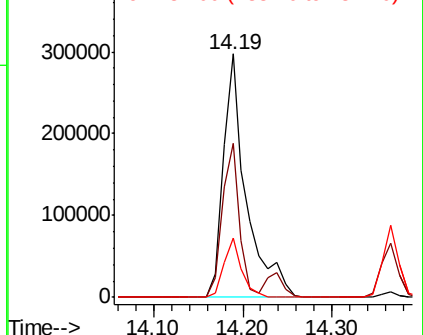


#83
 tert-Butylbenzene
 Concen: 24.128 ug/l
 RT: 14.19 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion:119 Resp: 537649
 Ion Ratio Lower Upper
 119 100
 91 63.5 30.1 90.3
 134 24.3 11.6 34.7

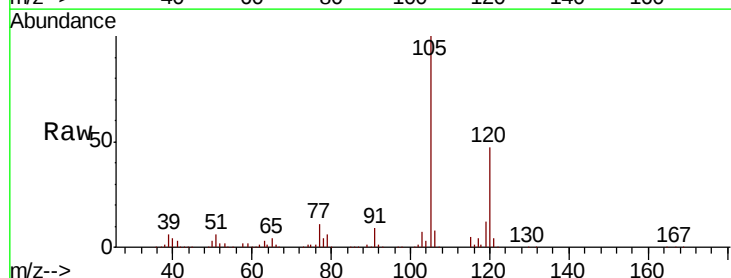


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): VD
 Ion 134.00 (133.70 to 134.70): V

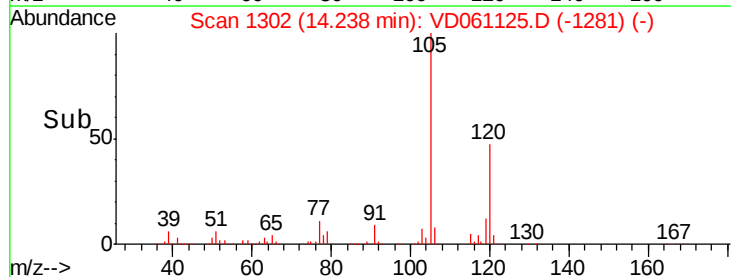
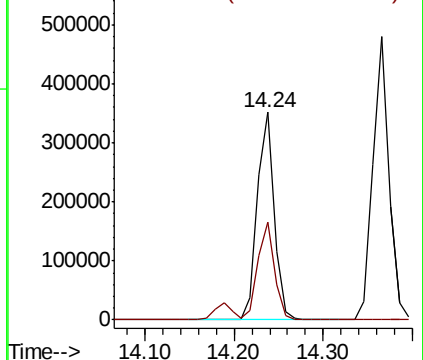


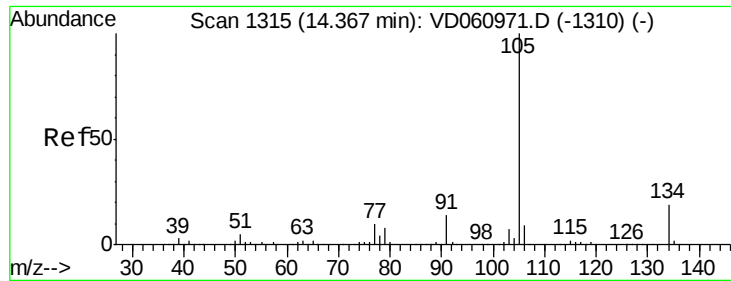
#84
 1,2,4-Trimethylbenzene
 Concen: 22.563 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion:105 Resp: 459416
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.9 68.5



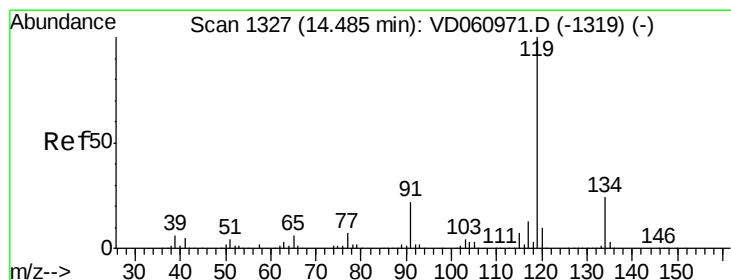
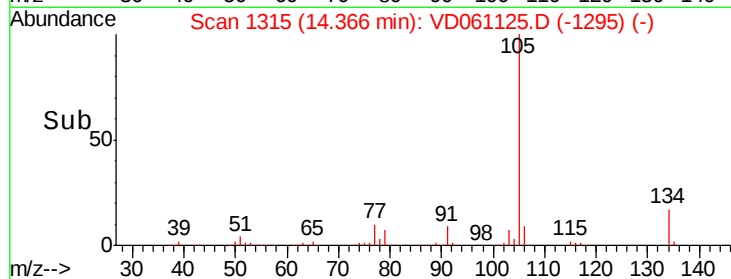
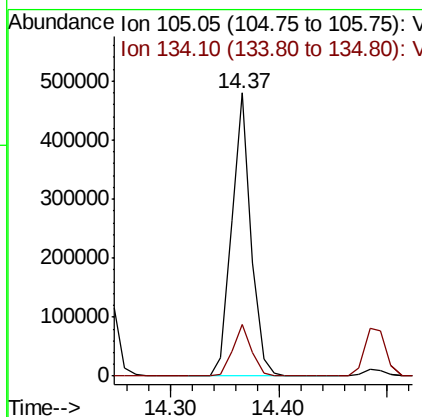
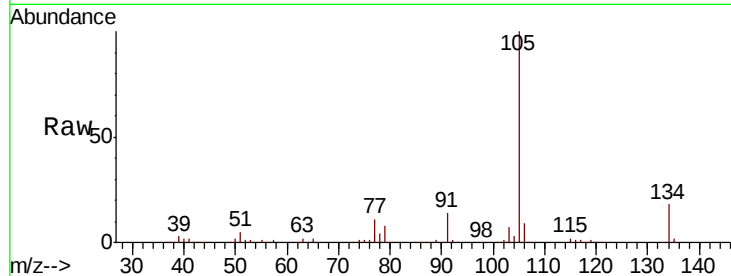
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





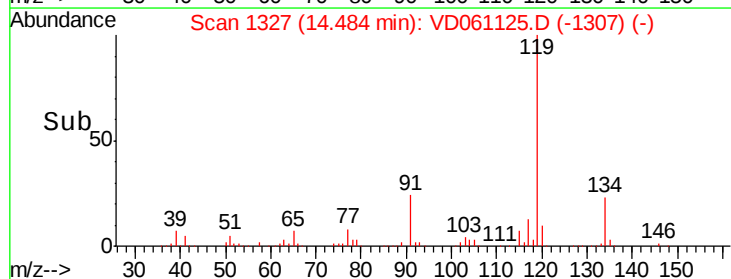
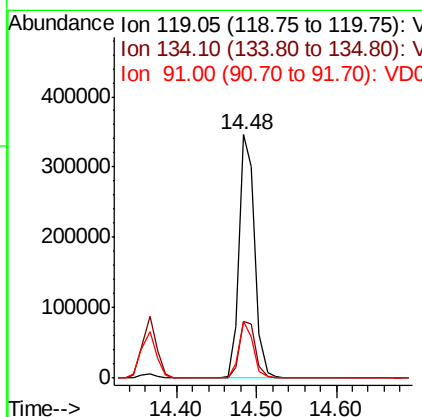
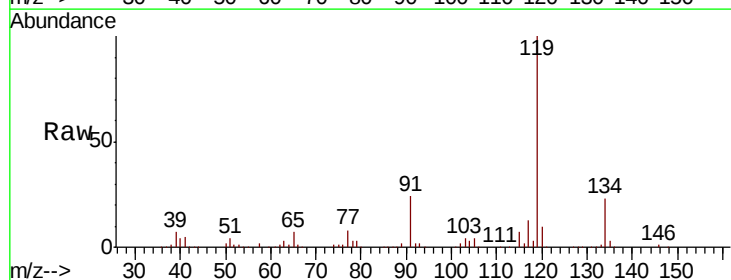
#85
 sec-Butylbenzene
 Concen: 21.846 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

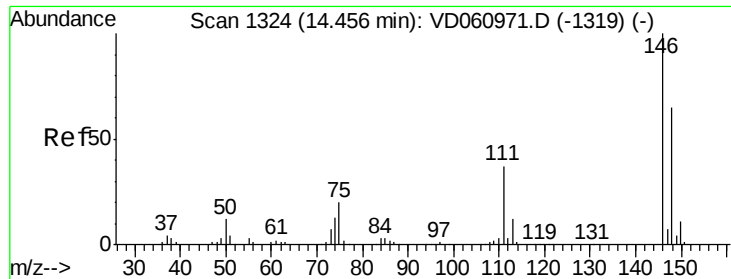
Tgt Ion:105 Resp: 594283
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 21.304 ug/l
 RT: 14.48 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

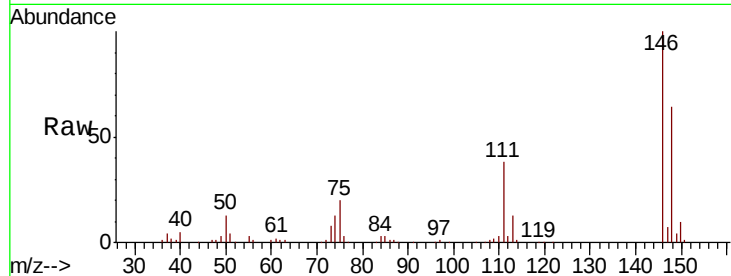
Tgt Ion:119 Resp: 473708
 Ion Ratio Lower Upper
 119 100
 134 23.4 12.0 36.1
 91 23.5 11.2 33.6



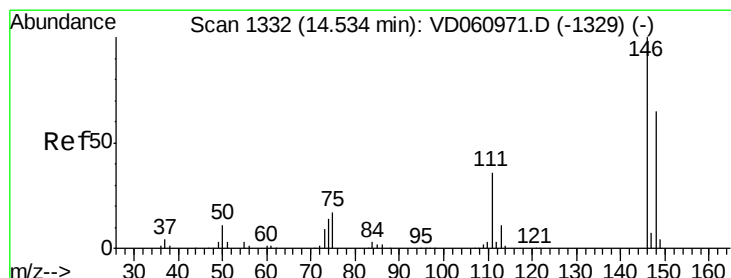
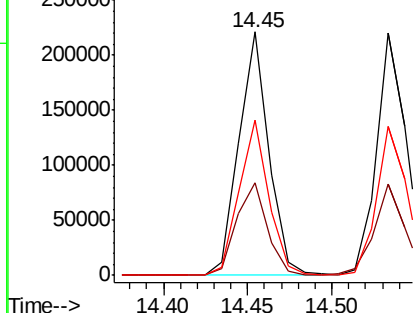
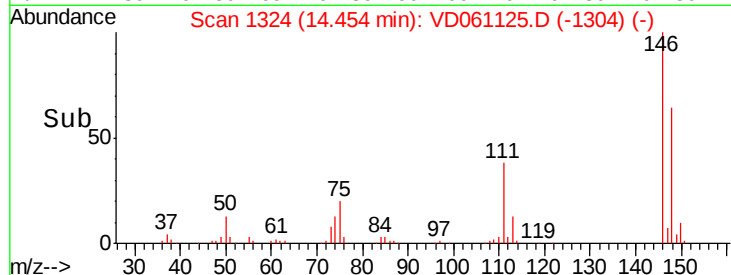


#87
 1,3-Dichlorobenzene
 Concen: 22.291 ug/l
 RT: 14.45 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.4
148	64.0	32.5	97.4

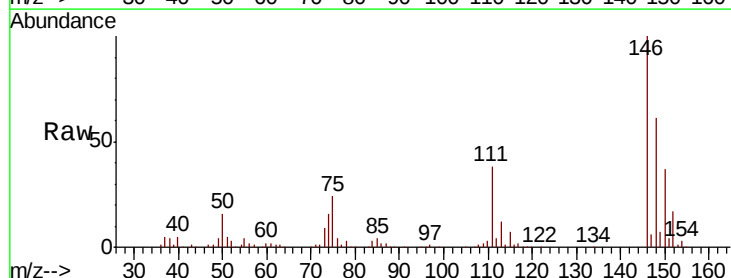


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

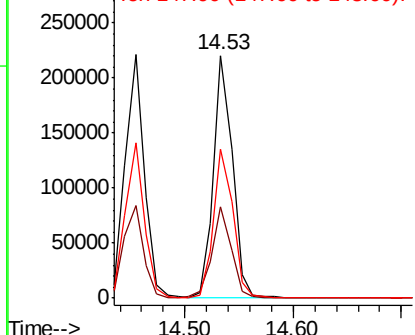
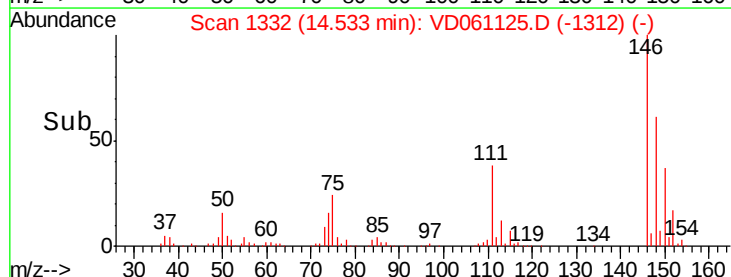


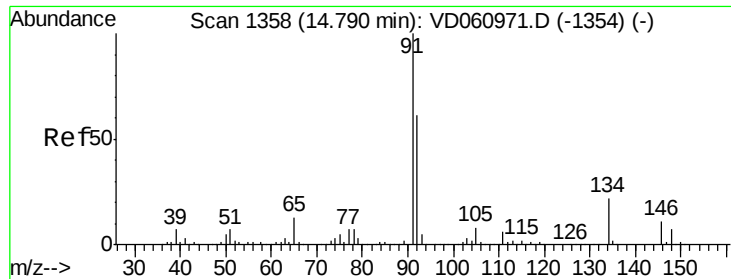
#88
 1,4-Dichlorobenzene
 Concen: 22.422 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.2
148	61.1	32.5	97.5



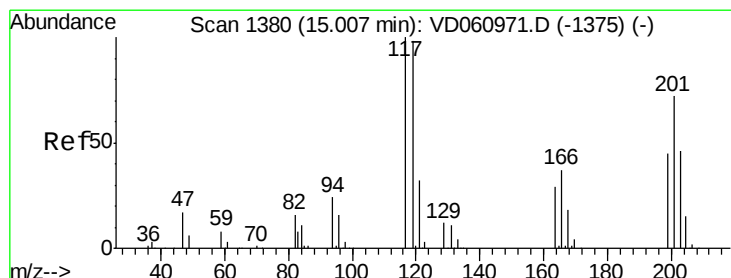
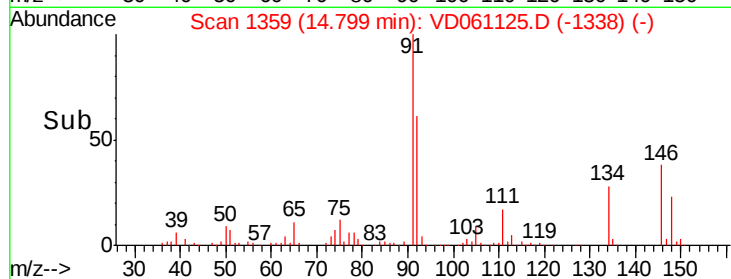
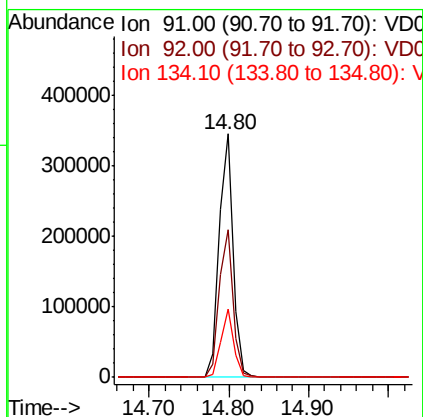
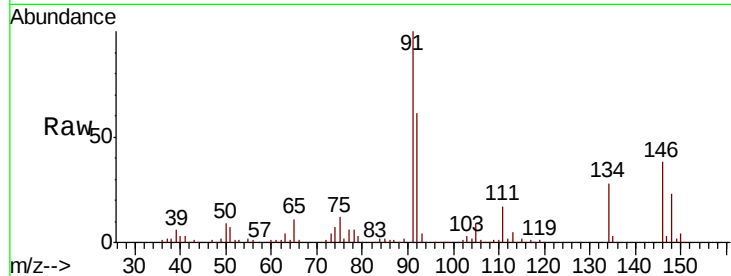
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





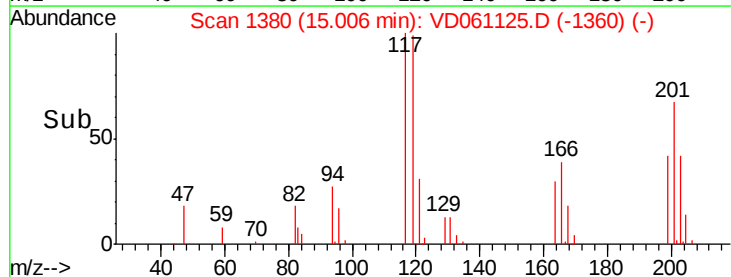
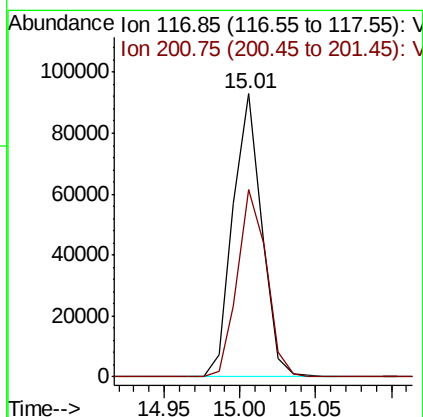
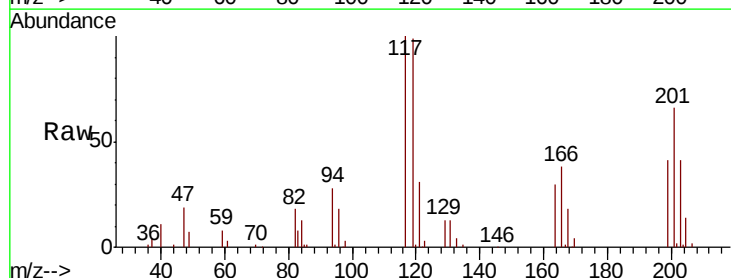
#89
n-Butylbenzene
Concen: 20.166 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

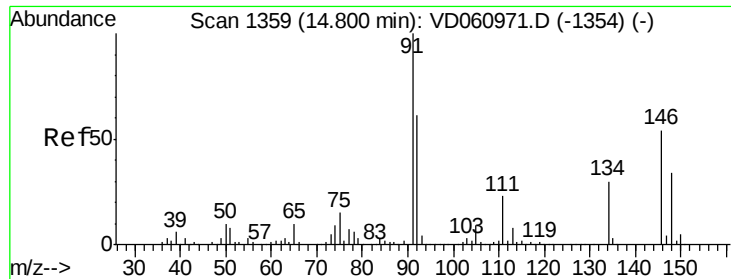
Tgt Ion: 91 Resp: 430605
Ion Ratio Lower Upper
91 100
92 60.5 30.6 91.8
134 28.1 11.0 33.0



#90
Hexachloroethane
Concen: 19.585 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

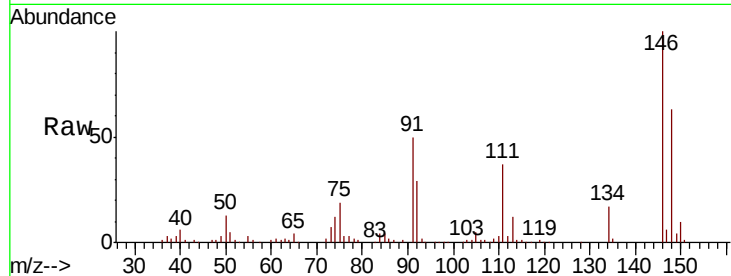
Tgt Ion: 117 Resp: 122967
Ion Ratio Lower Upper
117 100
201 66.3 36.2 108.6



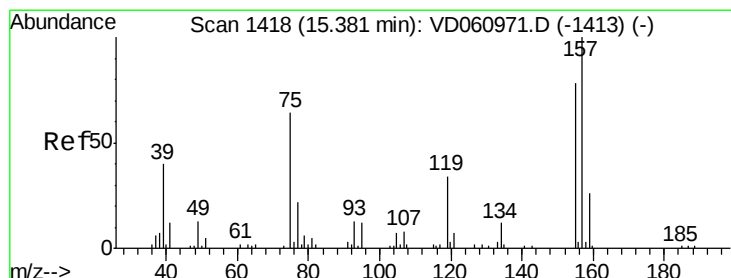
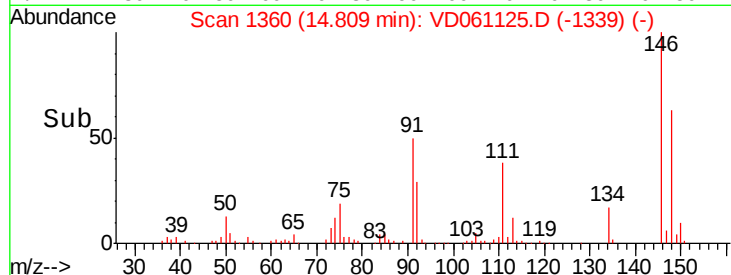
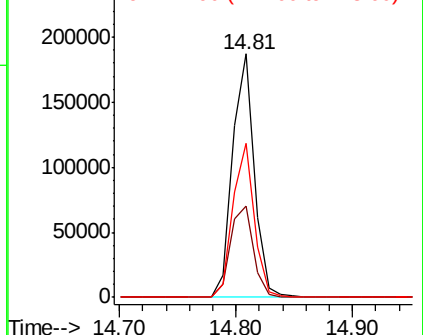


#91
 1,2-Dichlorobenzene
 Concen: 23.690 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion:146 Resp: 241440
 Ion Ratio Lower Upper
 146 100
 111 37.5 21.5 64.5
 148 63.3 30.9 92.8

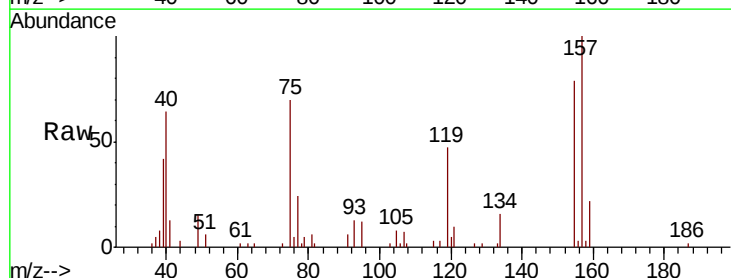


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

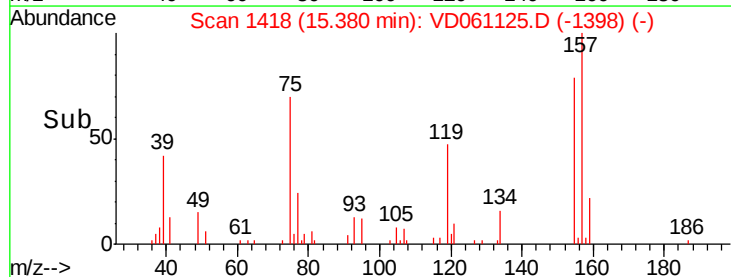
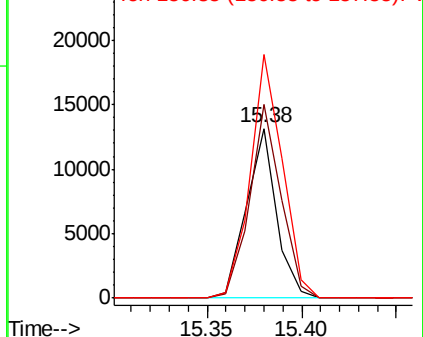


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.888 ug/l
 RT: 15.38 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion: 75 Resp: 14433
 Ion Ratio Lower Upper
 75 100
 155 113.9 61.2 183.5
 157 143.6 78.3 234.8



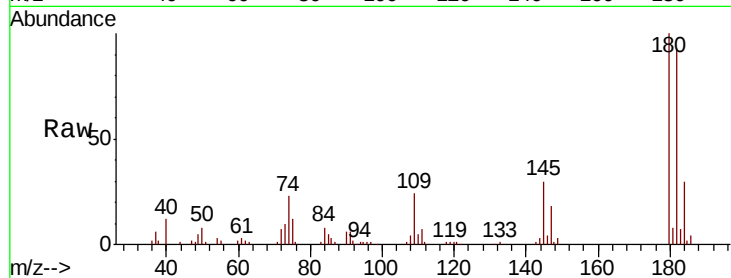
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



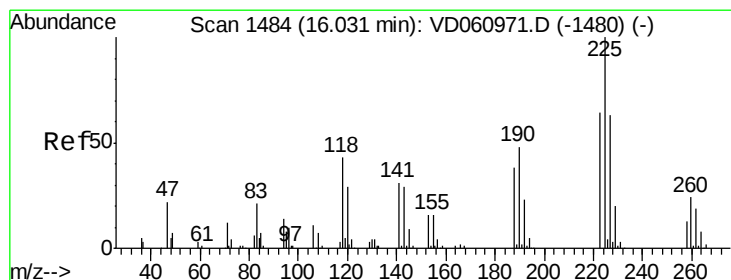
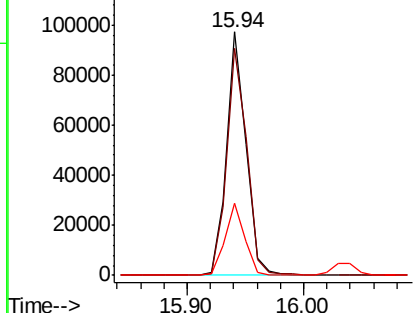
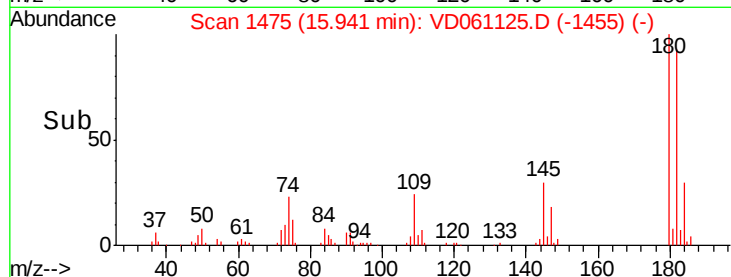


#93
 1,2,4-Trichlorobenzene
 Concen: 23.783 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion:180 Resp: 112445
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.3 142.0
 145 29.7 14.4 43.0

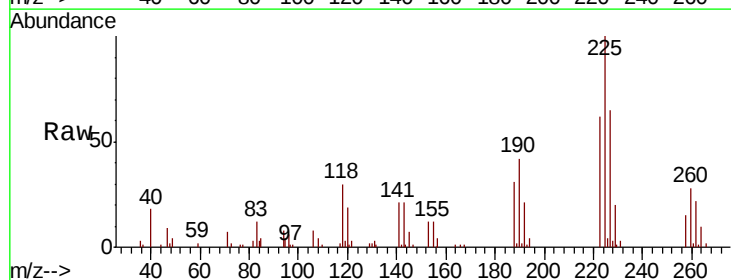


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

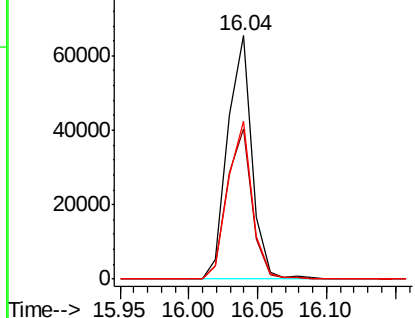
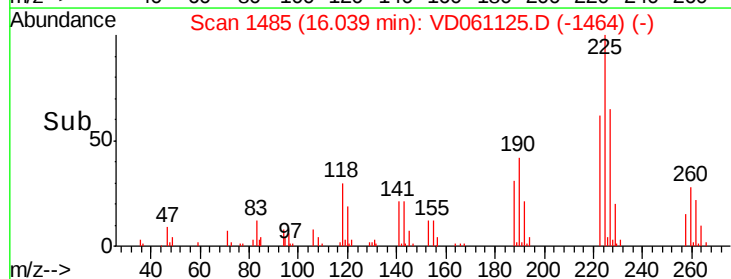


#94
 Hexachlorobutadiene
 Concen: 22.251 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion:225 Resp: 79573
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.8 95.3
 227 64.9 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: 26.223 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

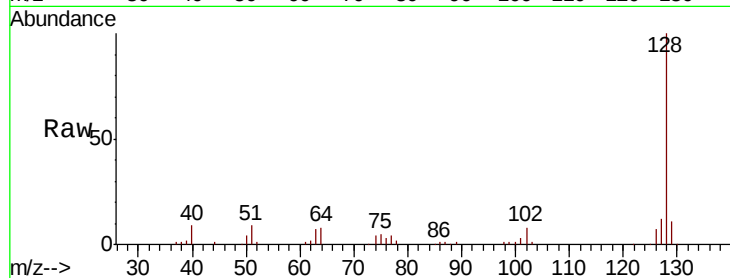
Tgt Ion:128 Resp: 188403

Ion Ratio Lower Upper

128 100

127 12.0 9.8 14.8

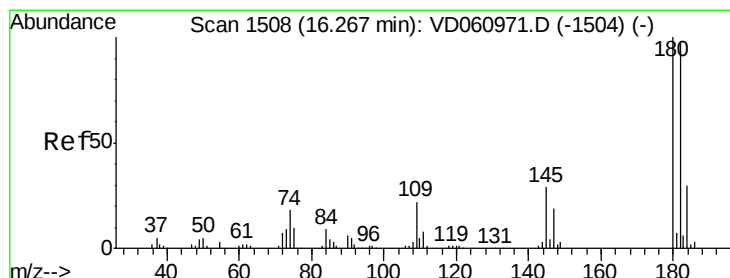
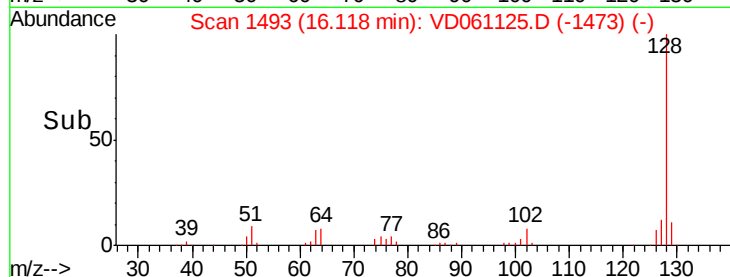
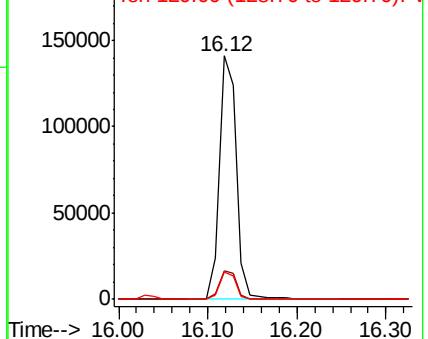
129 11.4 8.5 12.7



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: 25.547 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

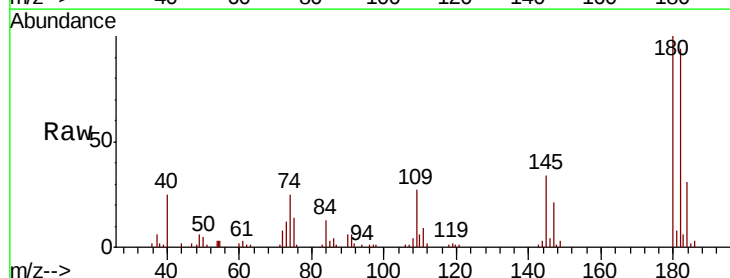
Tgt Ion:180 Resp: 59656

Ion Ratio Lower Upper

180 100

182 94.3 48.6 145.8

145 34.3 14.3 42.9



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

