

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 : 6.00u/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 17 00:59:25 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	247475	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
35) Dibromofluoromethane	6.92	113	372422	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
50) Toluene-d8	10.41	98	898749	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	13.55	95	350656	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

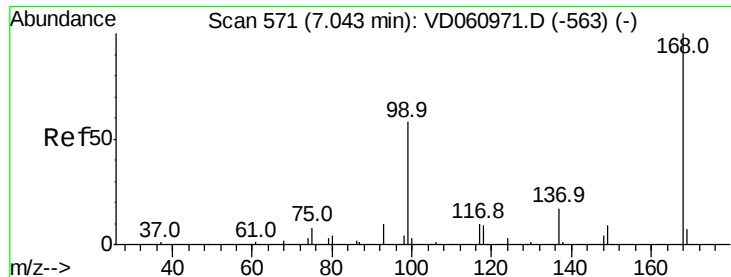
39) Methylcyclohexane	8.86	83	184325	21.267	ug/l	99
40) Benzene	7.46	78	439942	21.064	ug/l	100
41) Methacrylonitrile	6.45	41	102795	22.785	ug/l #	92
42) 1,2-Dichloroethane	7.57	62	136886	22.585	ug/l	95
43) Isopropyl Acetate	9.23	43	126451	23.276	ug/l #	100
44) Trichloroethene	8.54	130	160284	22.245	ug/l	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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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

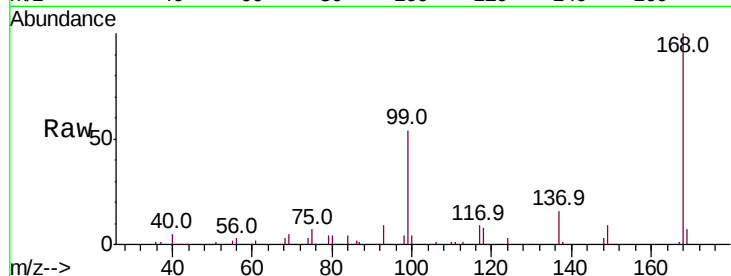
Acq: 17 Mar 2019 00:21

Tot Ion:168 Resp: 570159

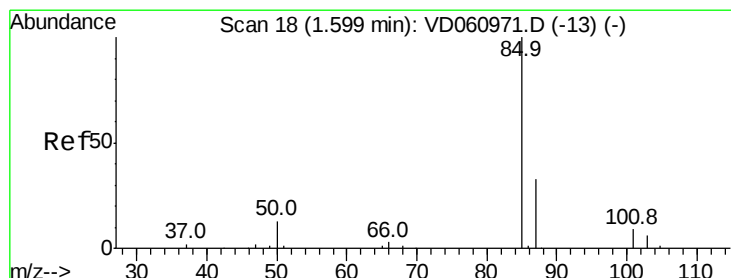
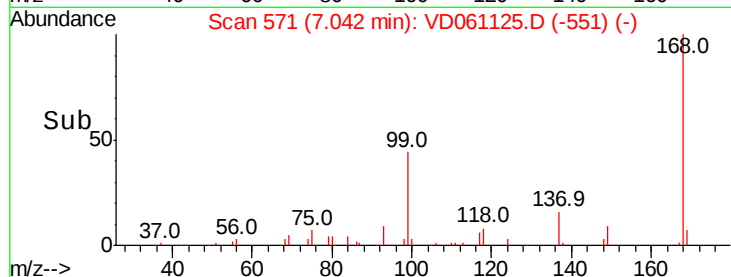
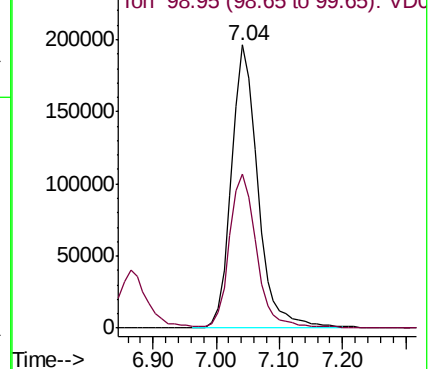
Ion Ratio Lower Upper

168 100

99 54.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V



#2

Dichlorodifluoromethane

Concen: 20.937 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.02 min

Lab File: VD061125.D

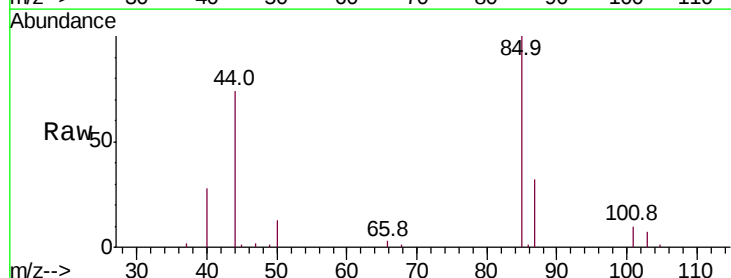
Acq: 17 Mar 2019 00:21

Tgt Ion: 85 Resp: 118247

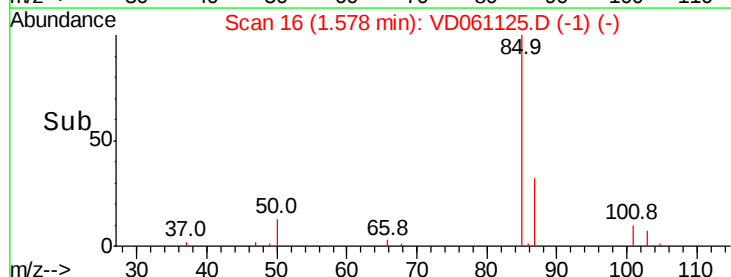
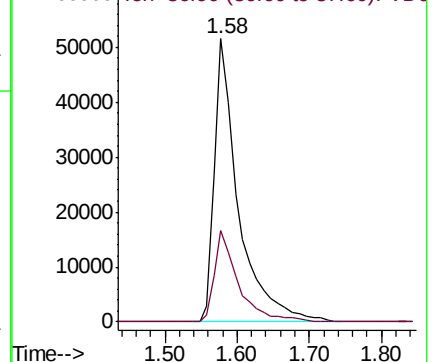
Ion Ratio Lower Upper

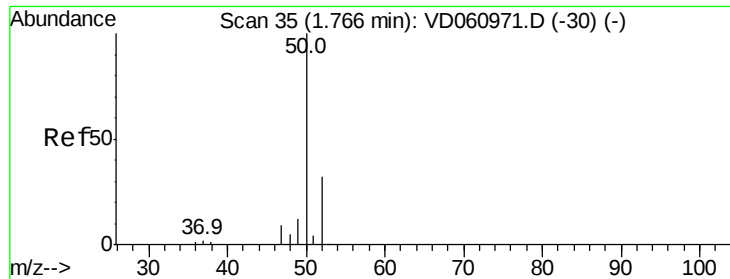
85 100

87 32.1 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC





#3

Chloromethane

Concen: 22.349 ug/l

RT: 1.76 min Scan# 34

Delta R.T. -0.01 min

Lab File: VD061125.D

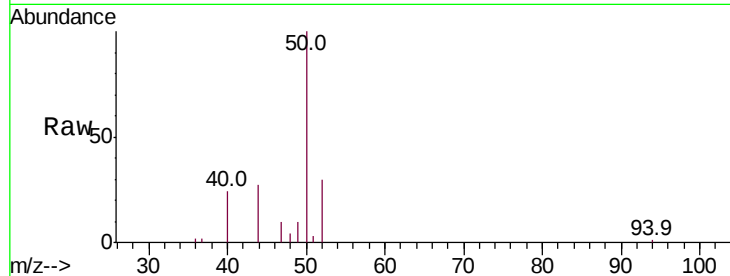
Acq: 17 Mar 2019 00:21

Tot Ion: 50 Resp: 105147

Ion Ratio Lower Upper

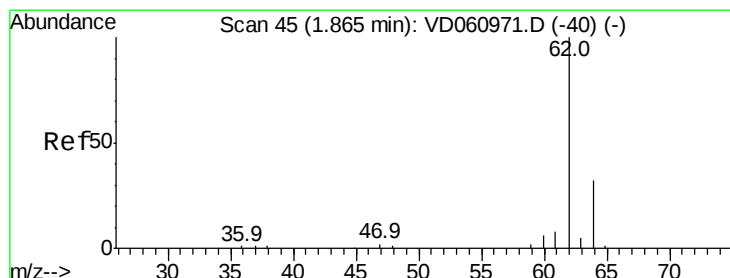
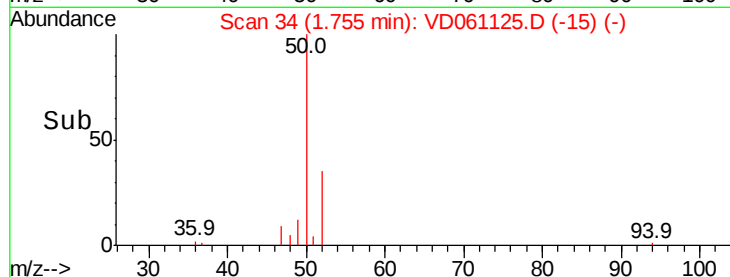
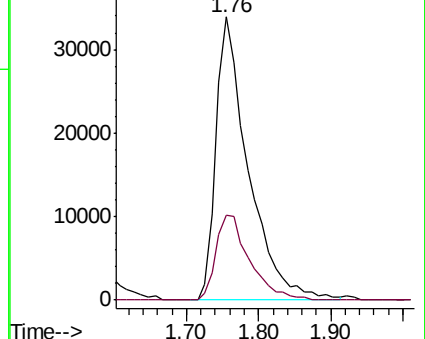
50 100

52 30.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.675 ug/l

RT: 1.85 min Scan# 44

Delta R.T. -0.01 min

Lab File: VD061125.D

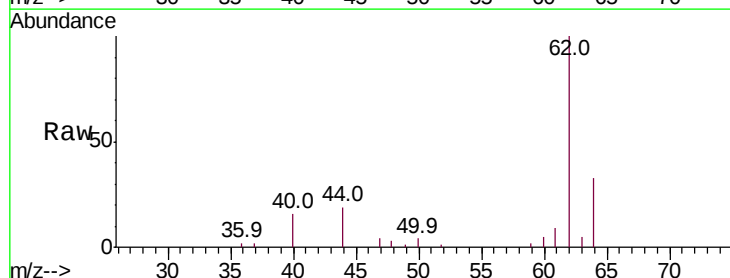
Acq: 17 Mar 2019 00:21

Tgt Ion: 62 Resp: 89883

Ion Ratio Lower Upper

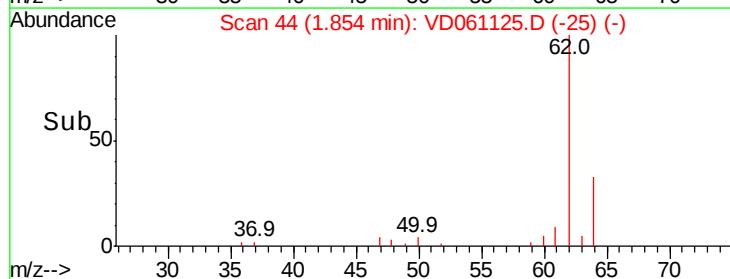
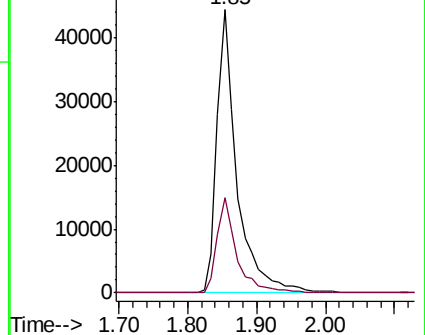
62 100

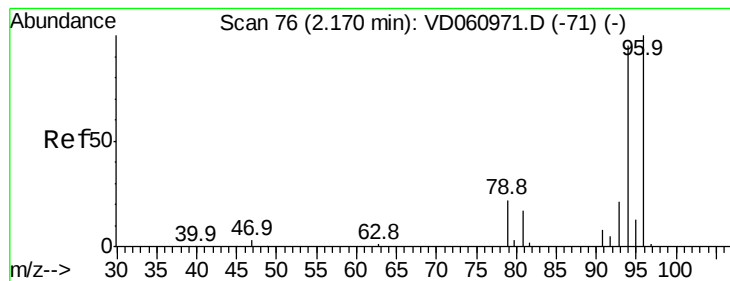
64 33.5 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#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

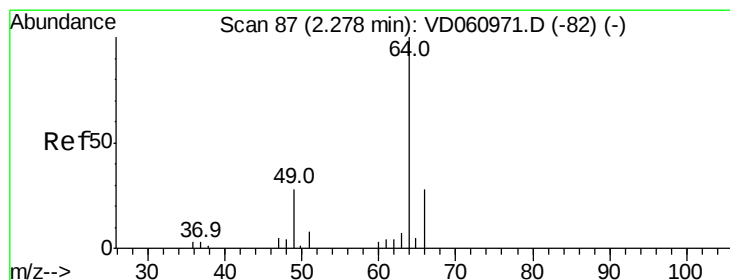
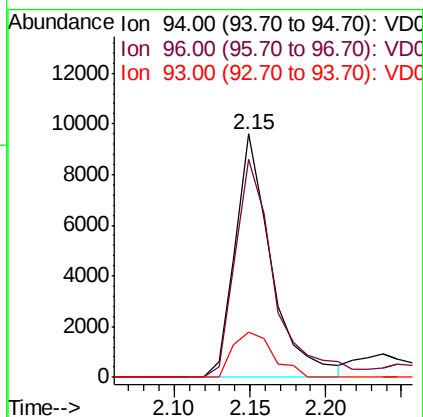
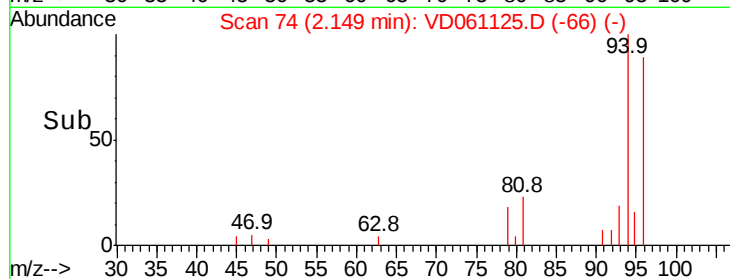
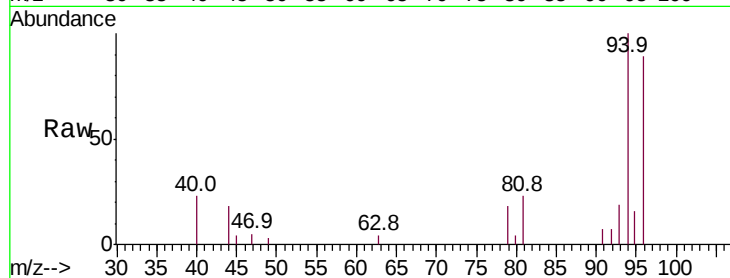
Tot Ion: 94 Resp: 15961

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

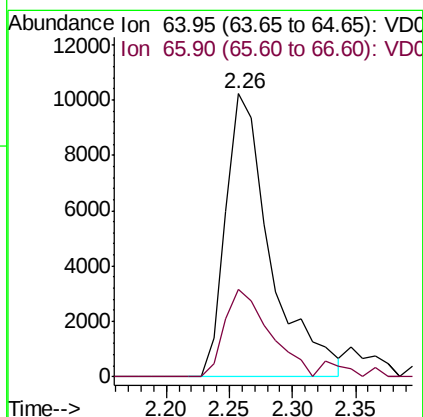
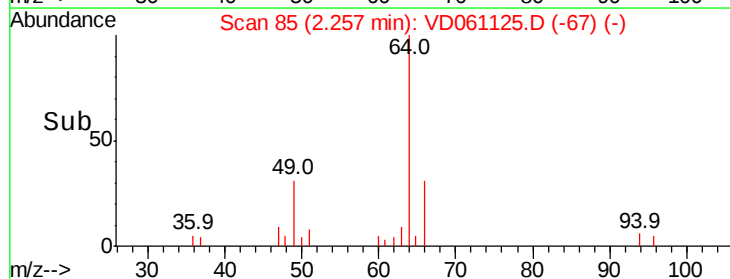
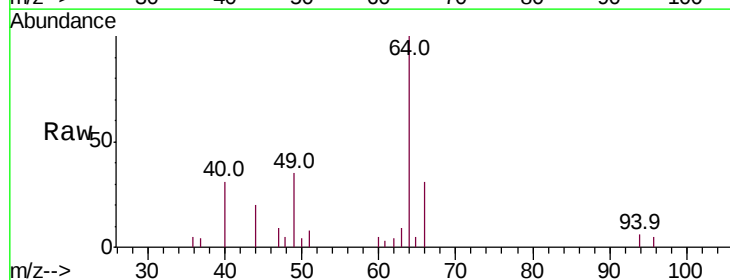
Acq: 17 Mar 2019 00:21

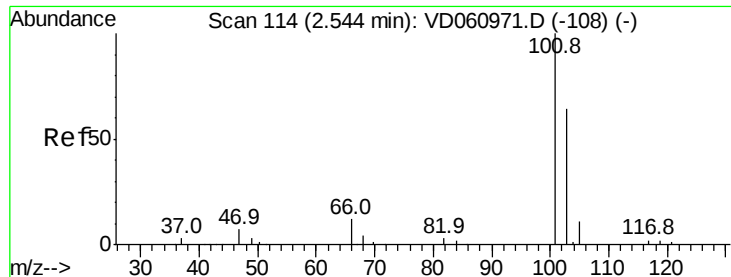
Tgt Ion: 64 Resp: 25113

Ion Ratio Lower Upper

64 100

66 31.1 22.2 33.2

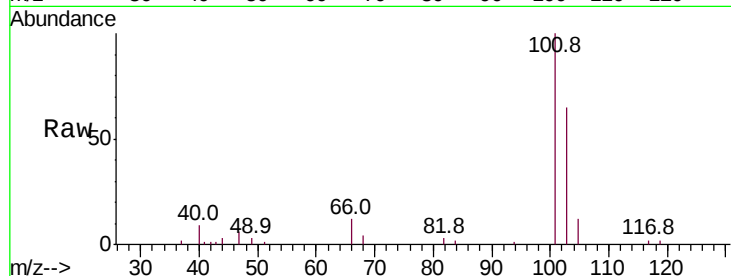




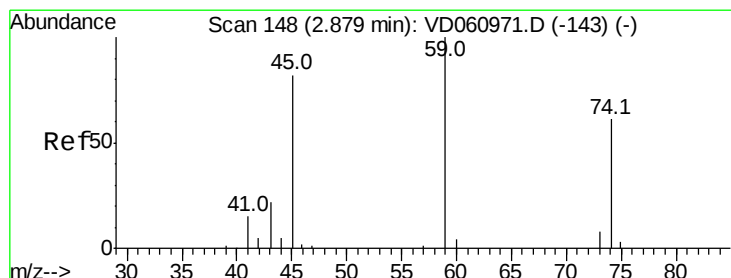
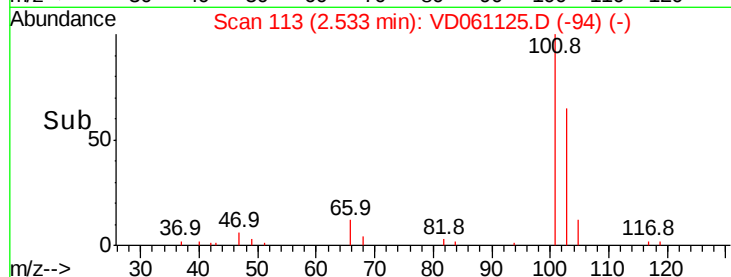
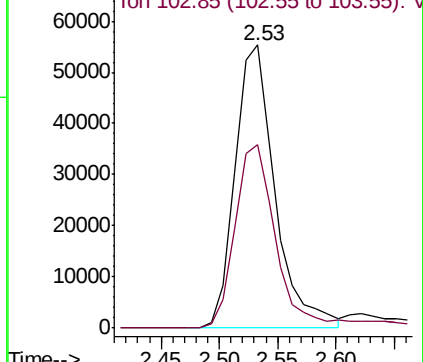
#7

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

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.2	76.8



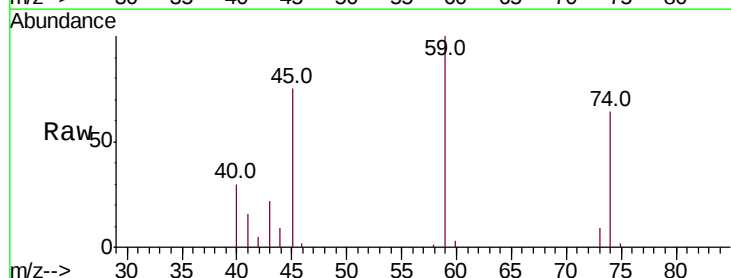
Abundance Ion 100.85 (100.55 to 101.55): V



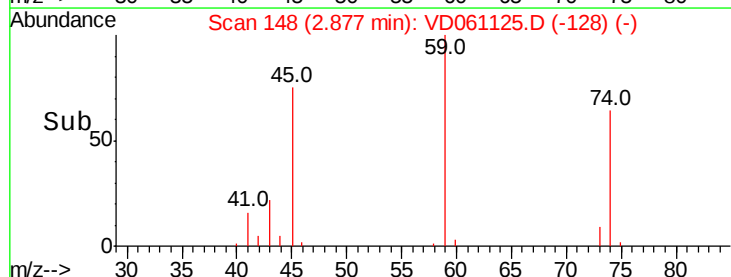
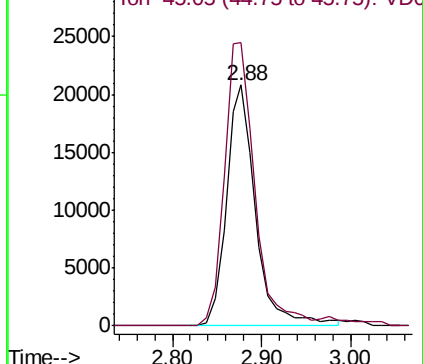
#8

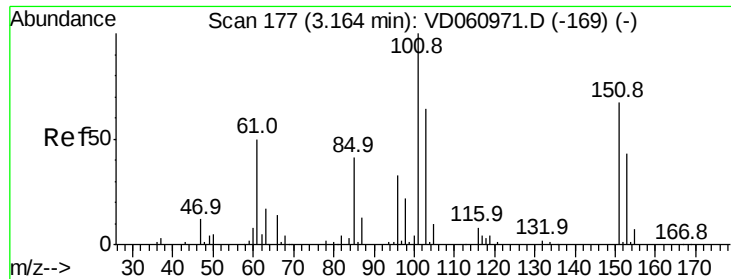
Diethyl Ether
 Concen: 23.117 ug/l
 RT: 2.88 min Scan# 148
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.7	67.0	201.1



Abundance Ion 74.00 (73.70 to 74.70): V





#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

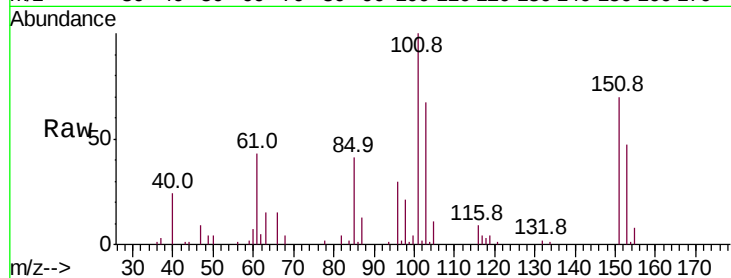
Tot Ion:101 Resp: 158600

Ion Ratio Lower Upper

101 100

85 40.7 32.5 48.7

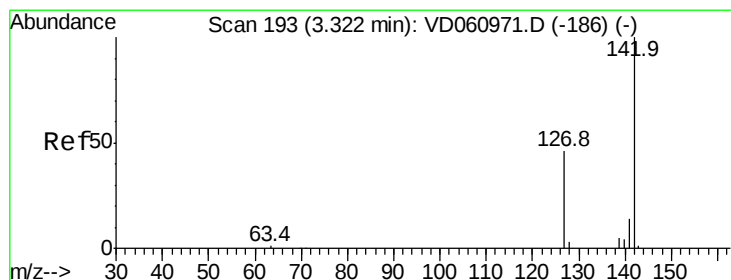
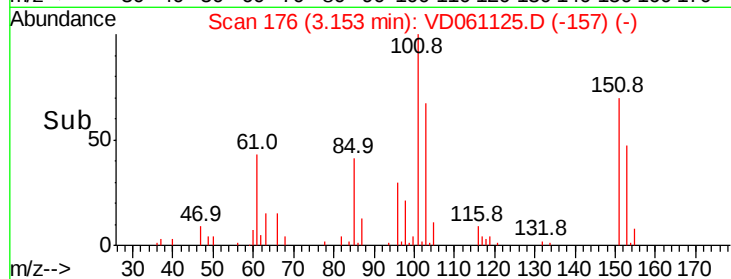
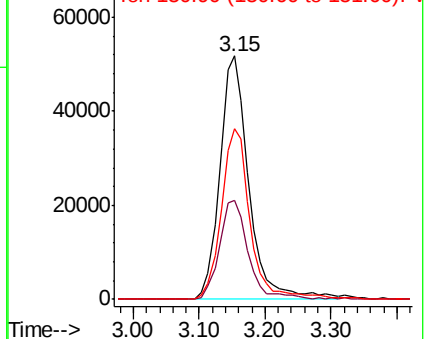
151 69.9 53.3 79.9



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

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

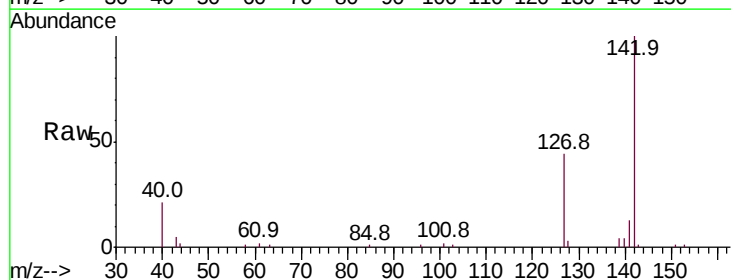
Tgt Ion:142 Resp: 176680

Ion Ratio Lower Upper

142 100

127 44.0 36.8 55.2

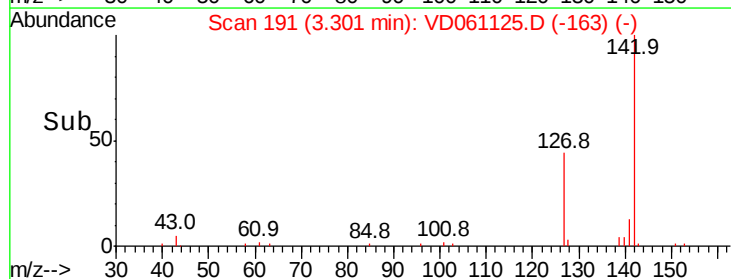
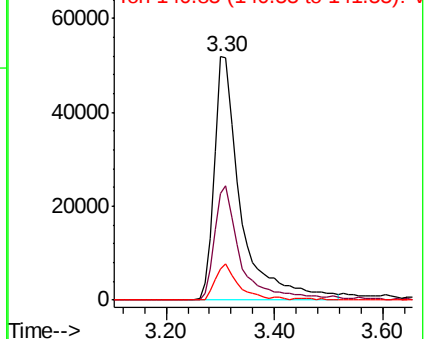
141 13.0 11.2 16.8

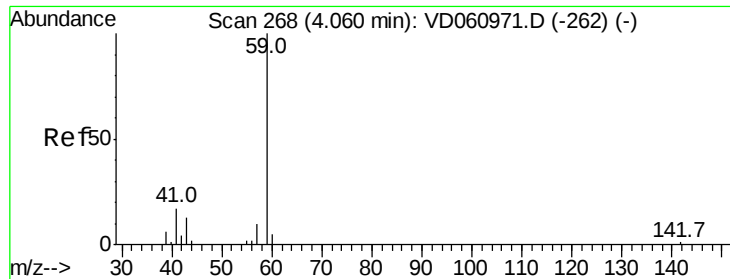


Abundance Ion 141.85 (141.55 to 142.55): V

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

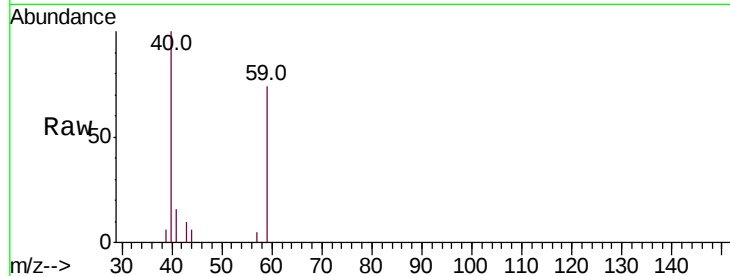
Acq: 17 Mar 2019 00:21

Tot Ion: 59 Resp: 32477

Ion Ratio Lower Upper

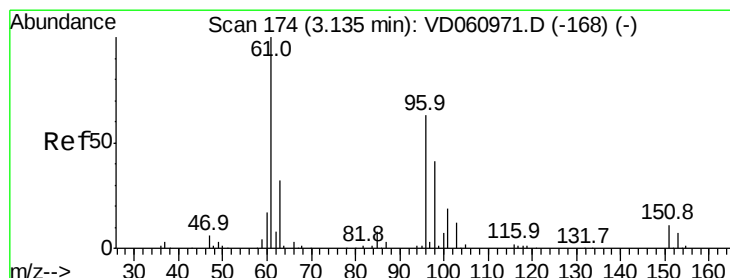
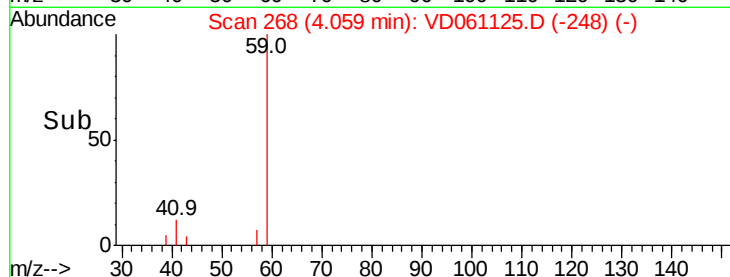
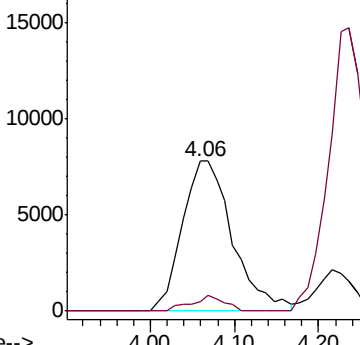
59 100

57 6.7 7.1 10.7#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 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

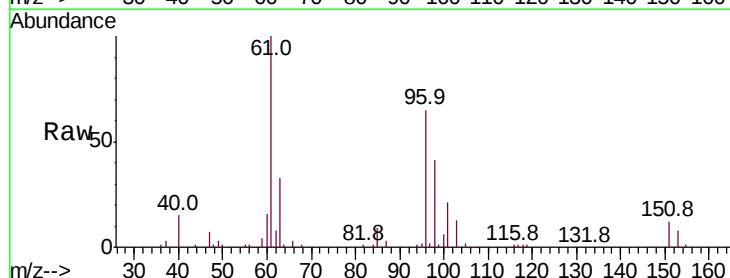
Tgt Ion: 96 Resp: 130219

Ion Ratio Lower Upper

96 100

61 154.8 127.1 190.7

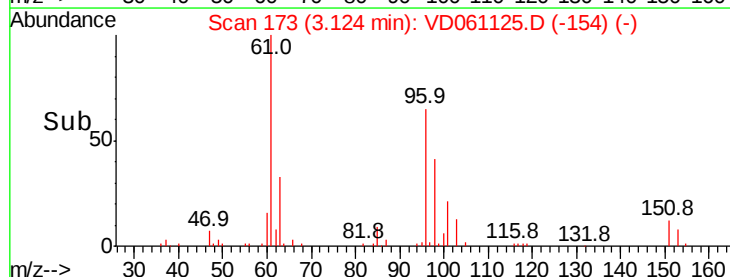
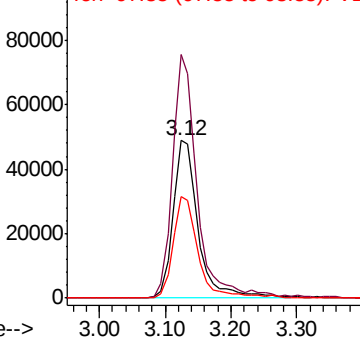
98 64.2 51.5 77.3

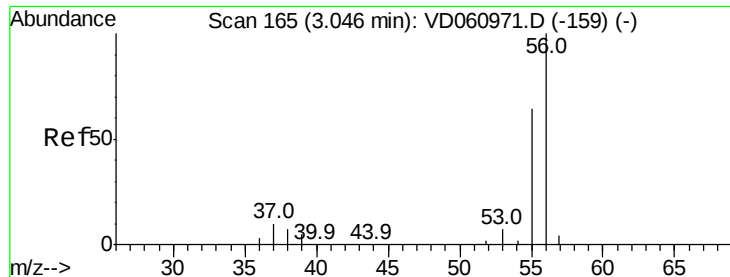


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 73.376 ug/l

RT: 3.03 min Scan# 164

Delta R.T. -0.01 min

Lab File: VD061125.D

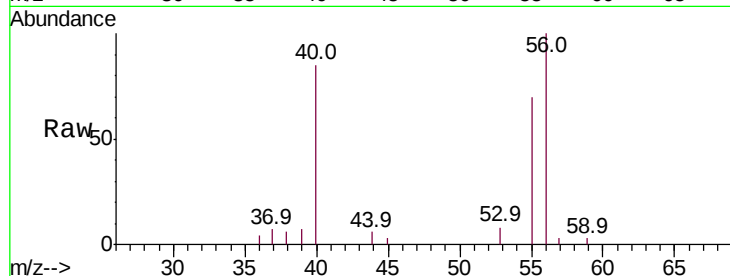
Acq: 17 Mar 2019 00:21

Tot 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

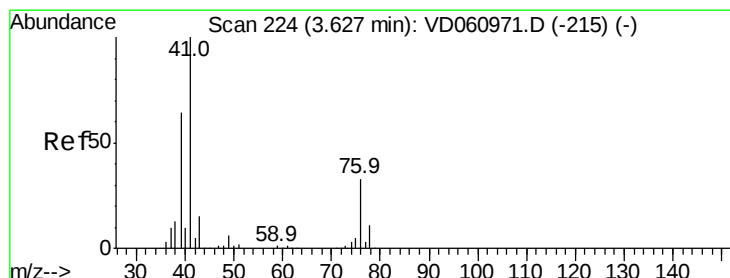
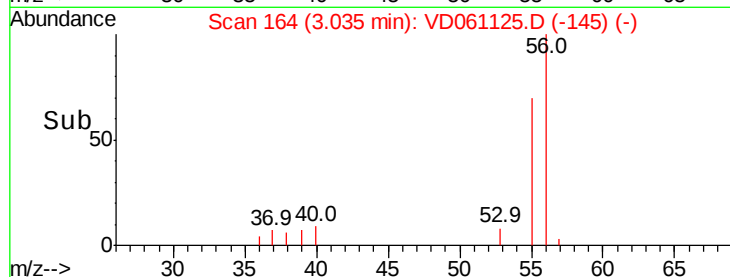
10000

5000

0

Time-->

3.00 3.10



#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

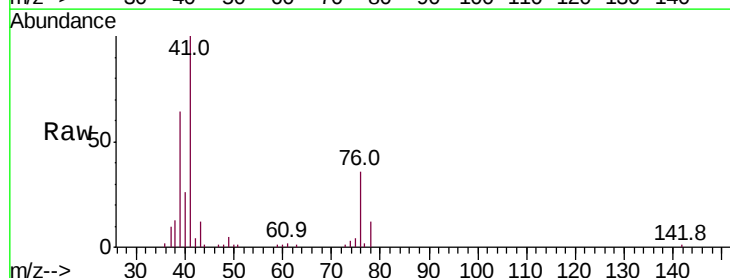
Tgt Ion: 41 Resp: 202803

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

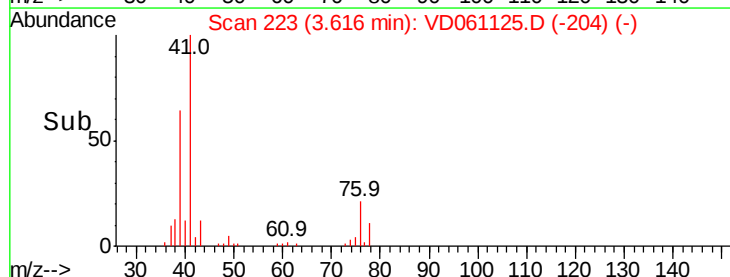
40000

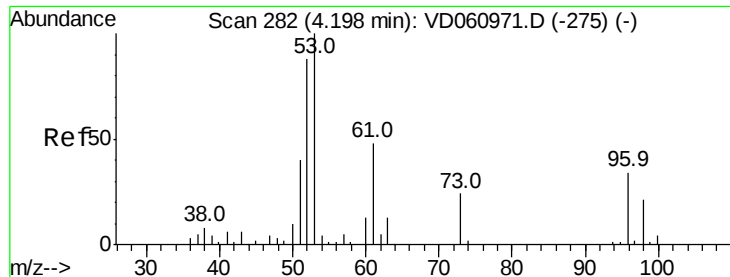
20000

0

Time-->

3.50 3.60 3.70 3.80





#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

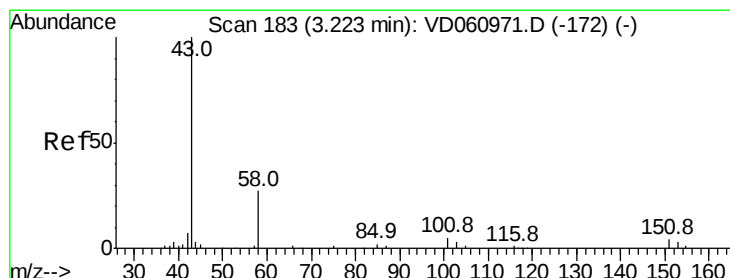
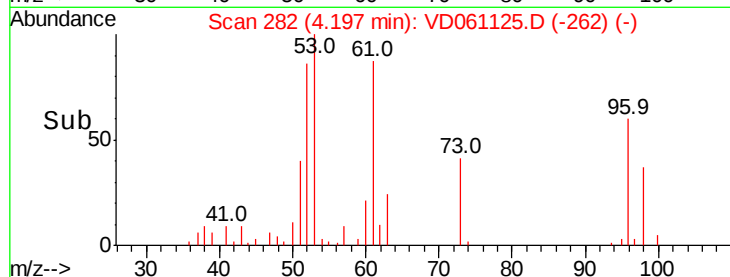
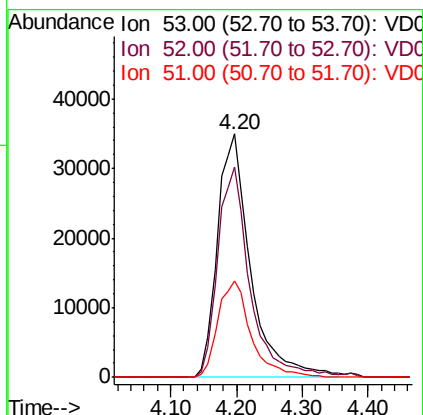
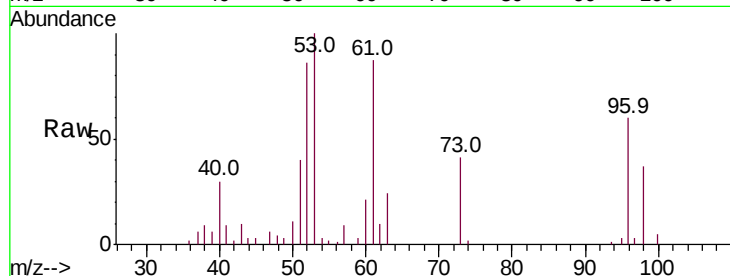
Tot Ion: 53 Resp: 122437

Ion Ratio Lower Upper

53 100

52 86.2 70.2 105.4

51 39.7 31.7 47.5



#16

Acetone

Concen: 94.142 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061125.D

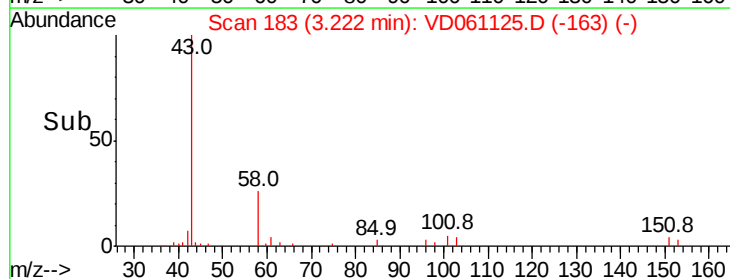
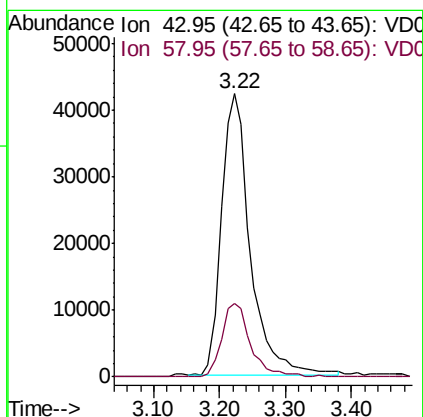
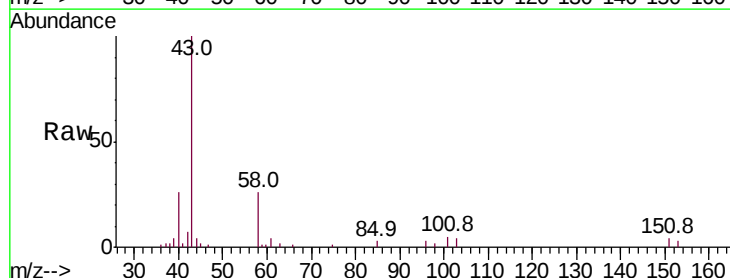
Acq: 17 Mar 2019 00:21

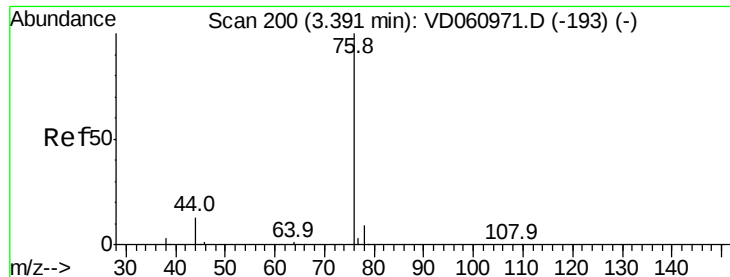
Tgt Ion: 43 Resp: 127763

Ion Ratio Lower Upper

43 100

58 25.7 21.6 32.4





#17

Carbon Disulfide

Concen: 20.337 ug/l

RT: 3.38 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061125.D

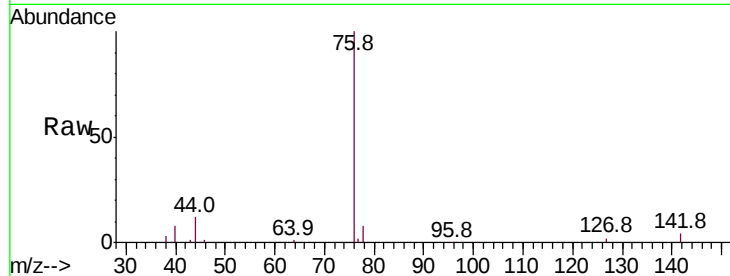
Acq: 17 Mar 2019 00:21

Tot 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

3.38

150000

100000

50000

0

Time-->

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

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3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

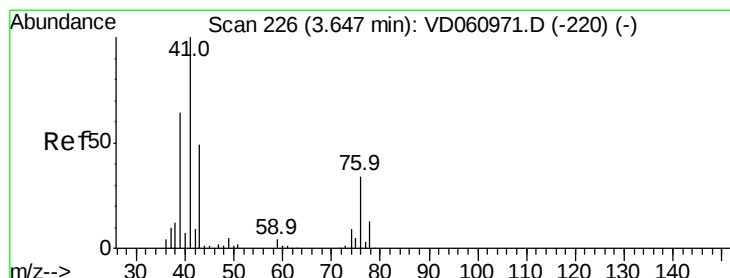
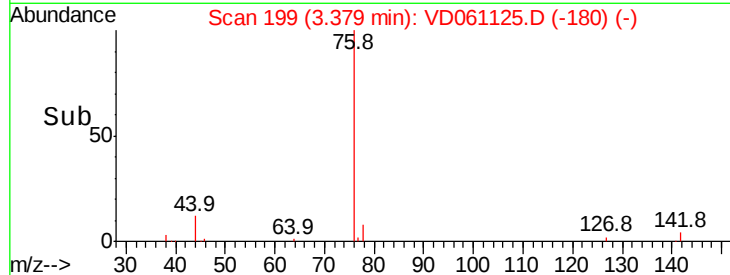
3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60

3.20 3.30 3.40 3.50 3.60



#18

Methyl Acetate

Concen: 24.351 ug/l

RT: 3.64 min Scan# 225

Delta R.T. -0.01 min

Lab File: VD061125.D

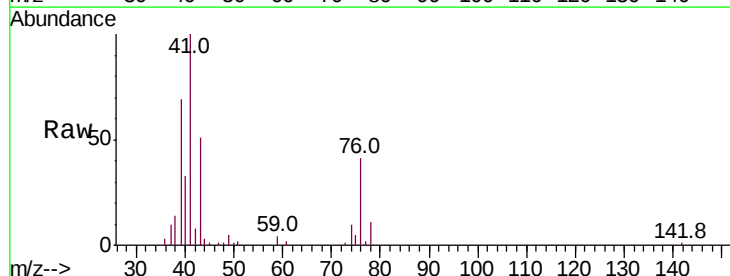
Acq: 17 Mar 2019 00:21

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

3.64

25000

20000

15000

10000

5000

0

Time-->

3.50 3.60 3.70 3.80

3.50 3.60 3.70 3.80

3.50 3.60 3.70 3.80

3.50 3.60 3.70 3.80

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3.50 3.60 3.70 3.80

3.50 3.60 3.70 3.80

3.50 3.60 3.70 3.80

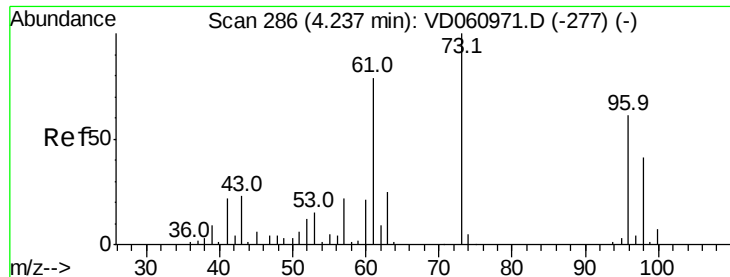
3.50 3.60 3.70 3.80

3.50 3.60 3.70 3.80

3.50 3.60 3.70 3.80

3.50 3.60 3.70 3.80

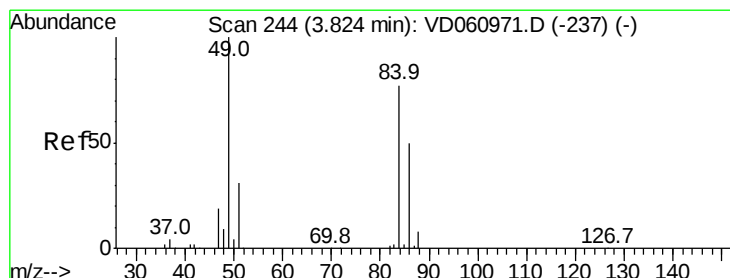
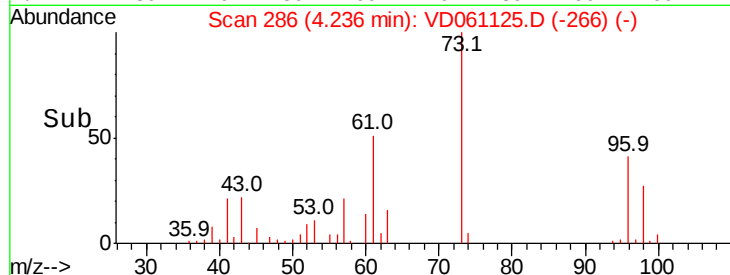
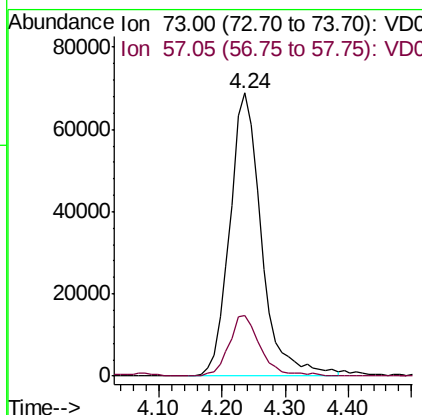
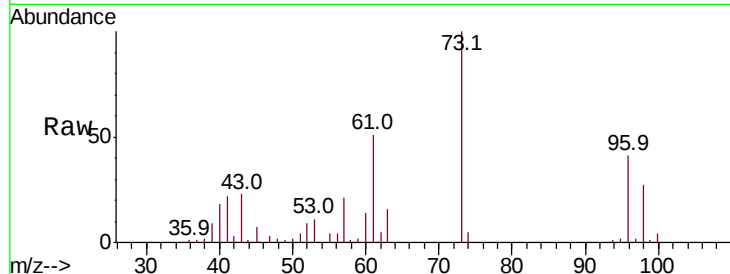
3.50 3.60 3.70 3.80



#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

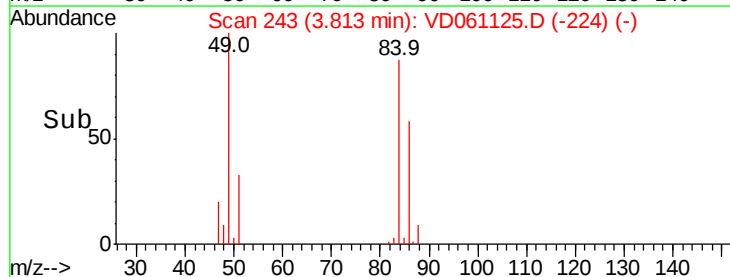
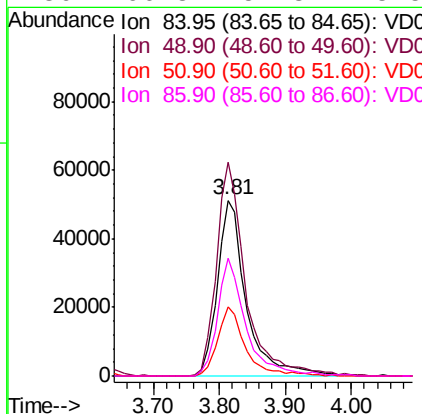
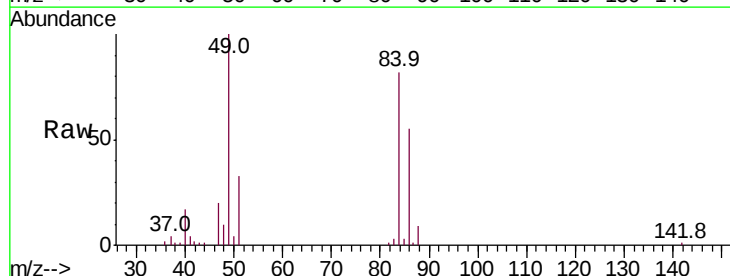
Tot Ion: 73 Resp: 239495
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.7 26.5

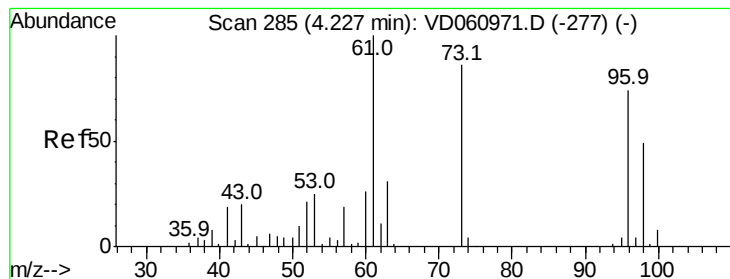


#20

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

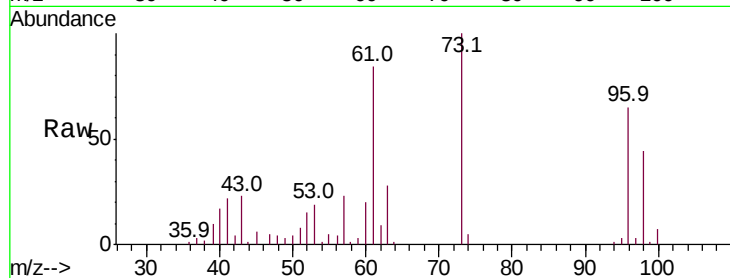
Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tot Ion: 96 Resp: 131074

Ion	Ratio	Lower	Upper
96	100		
61	129.3	108.4	162.6
98	68.2	53.0	79.4

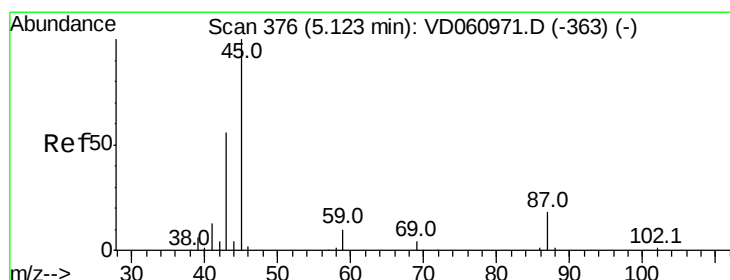
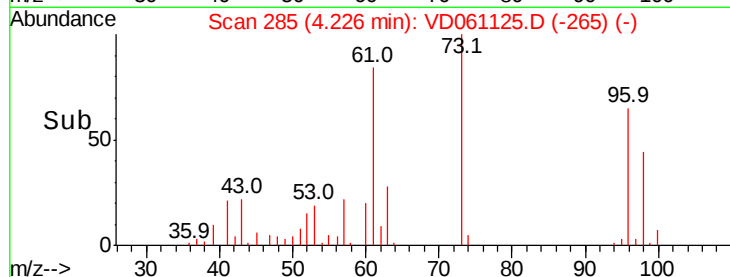
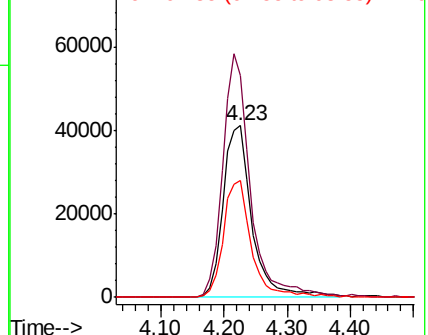


Abundance

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

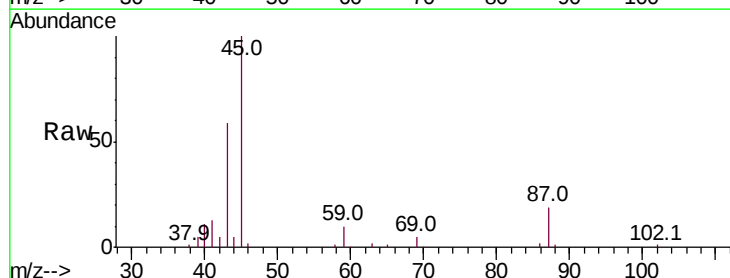
Delta R.T. -0.01 min

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



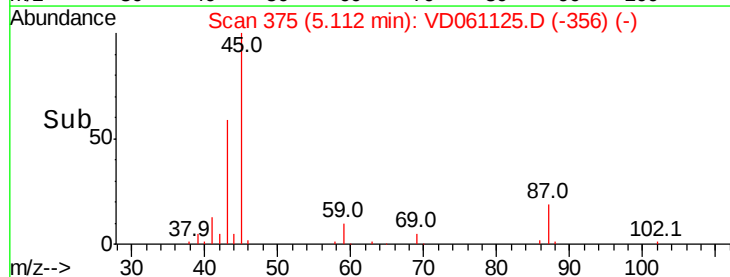
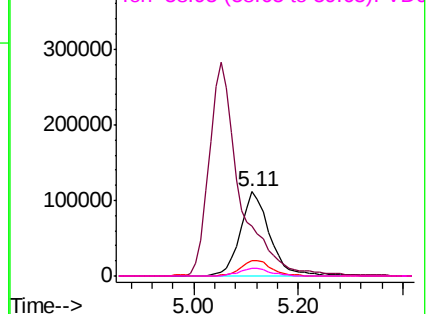
Abundance

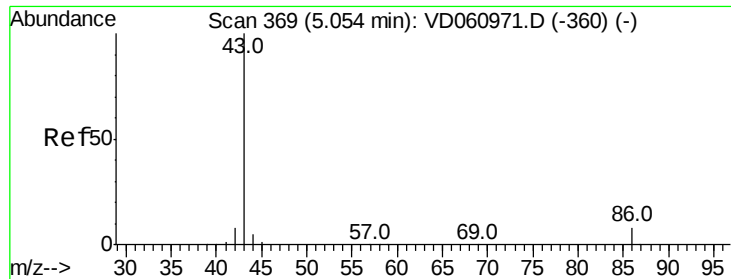
Ion 45.05 (44.75 to 45.75): VDC

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

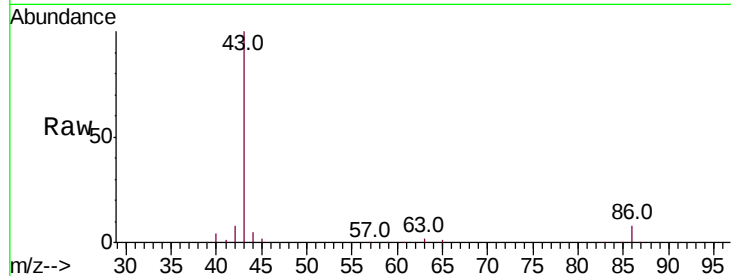
Acq: 17 Mar 2019 00:21

Tot Ion: 43 Resp: 1131904

Ion Ratio Lower Upper

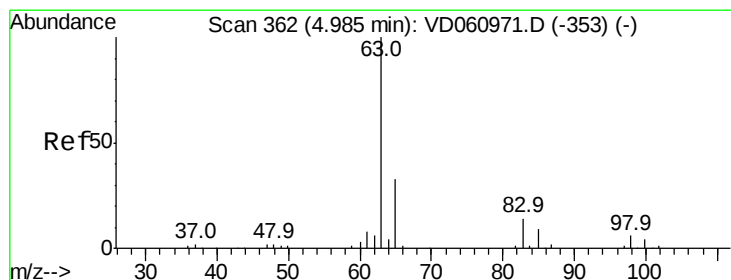
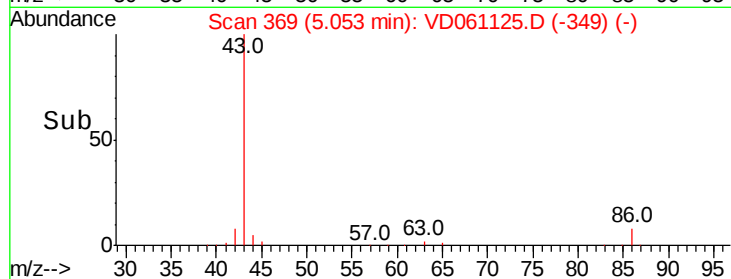
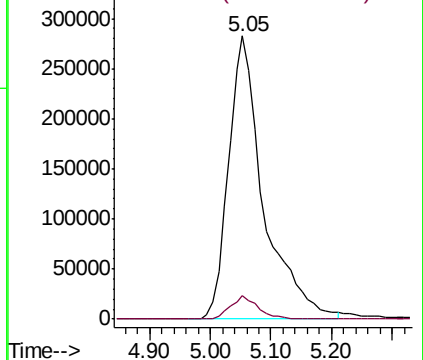
43 100

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

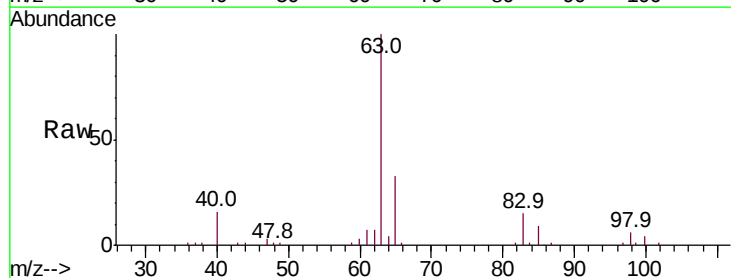
Tgt Ion: 63 Resp: 238551

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

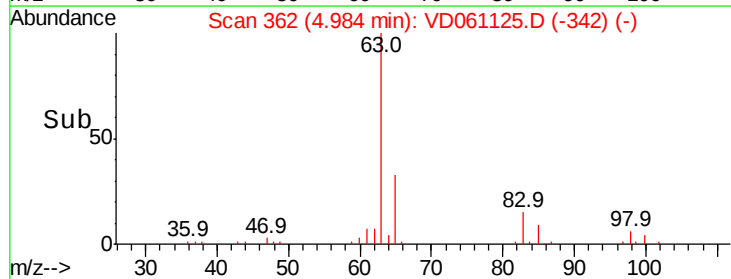
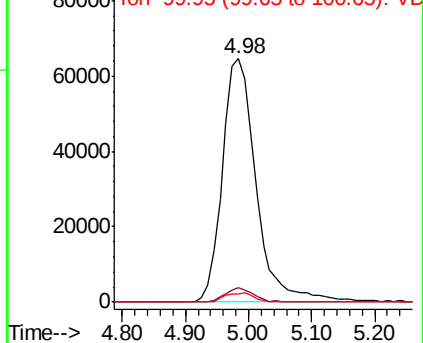
100 3.5 2.0 5.8

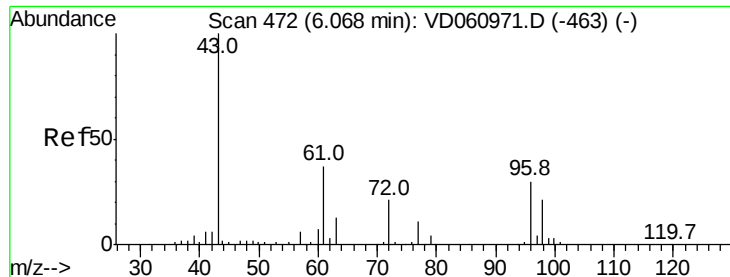


Abundance Ion 62.95 (62.65 to 63.65): VDC

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

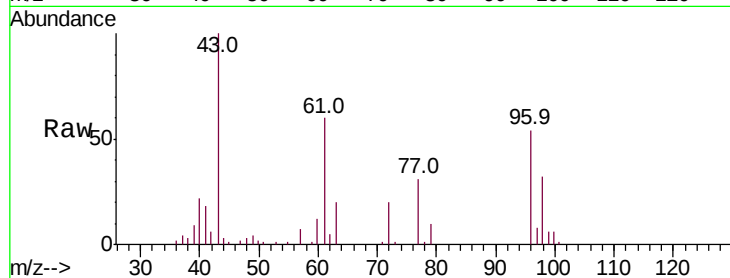
Acq: 17 Mar 2019 00:21

Tot Ion: 43 Resp: 167332

Ion Ratio Lower Upper

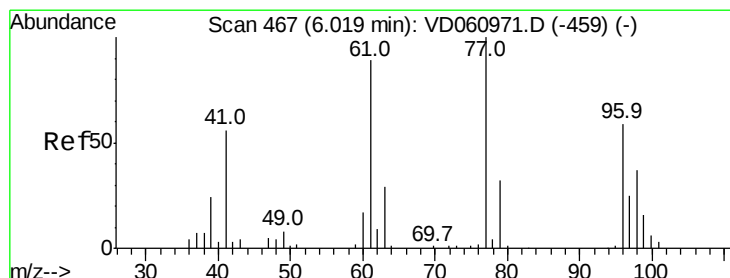
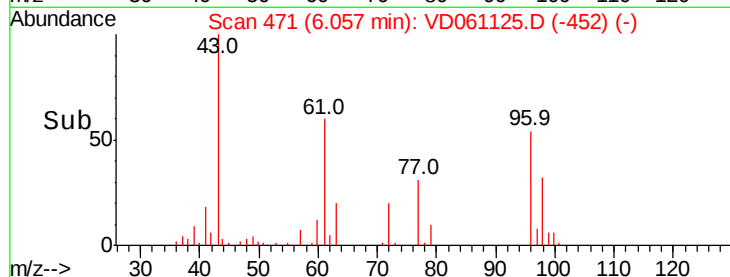
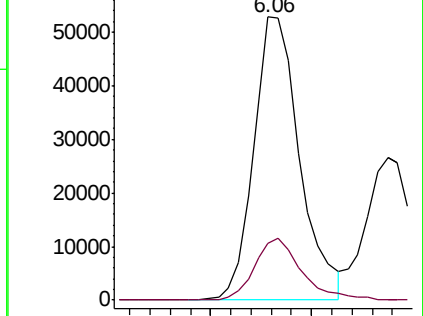
43 100

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

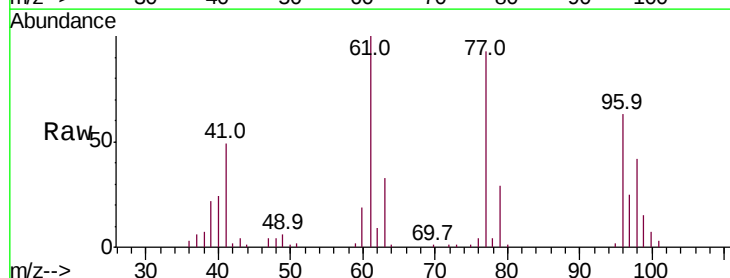
Acq: 17 Mar 2019 00:21

Tgt Ion: 77 Resp: 174026

Ion Ratio Lower Upper

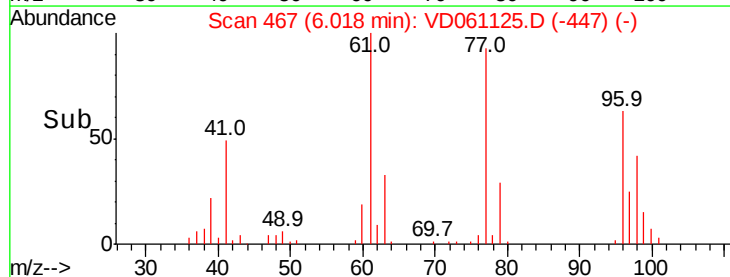
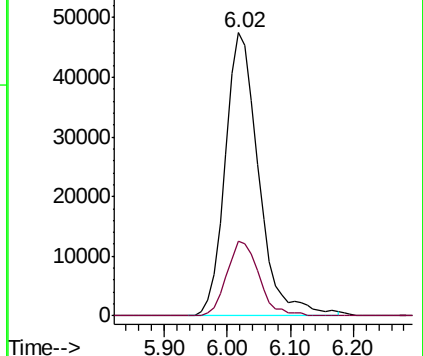
77 100

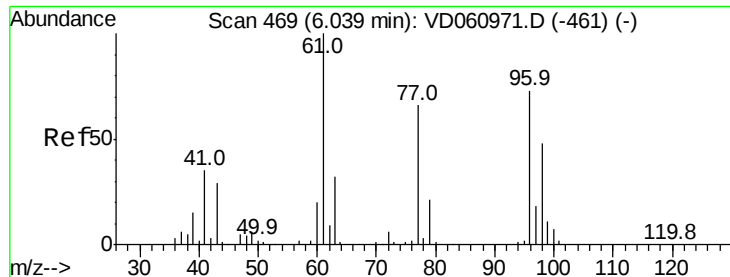
97 26.5 12.6 37.6



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

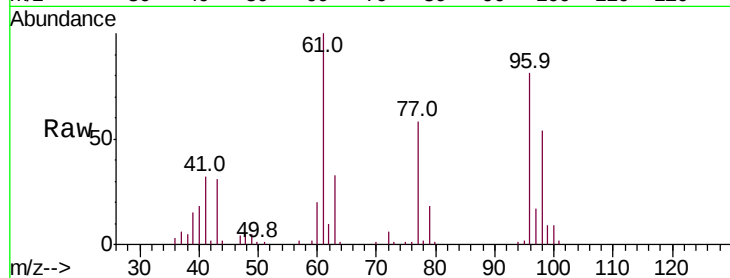
Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tot Ion: 96 Resp: 154931

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

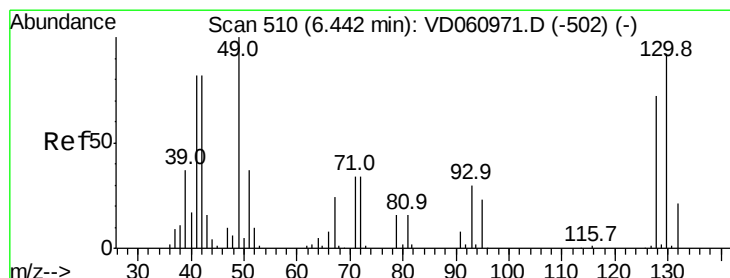
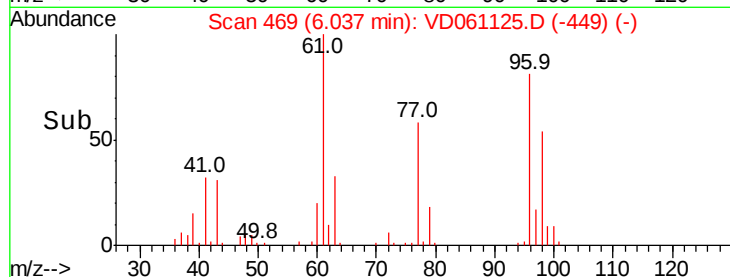
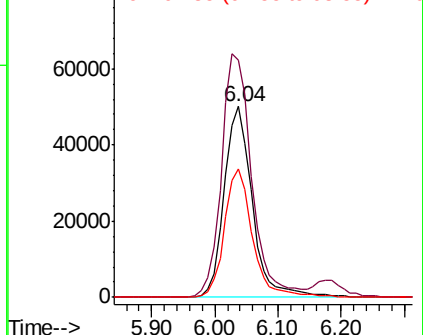


Abundance

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

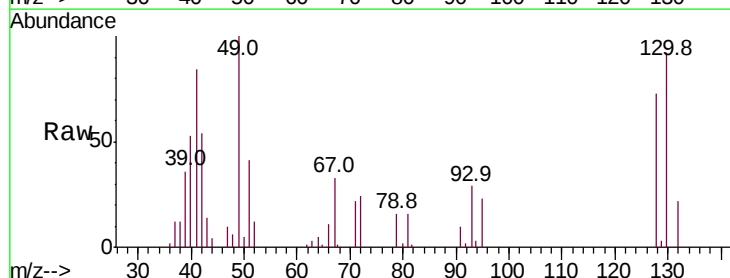
Delta R.T. -0.01 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tgt Ion: 49 Resp: 88890

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.0
130	92.3	73.8	110.8

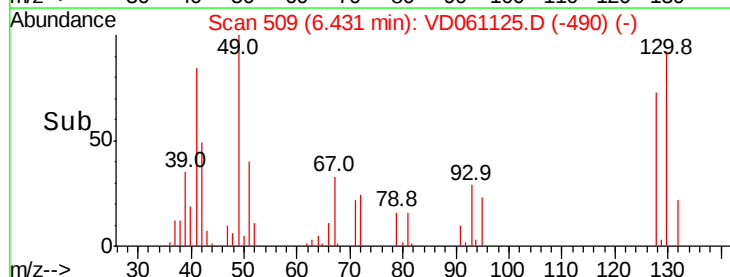
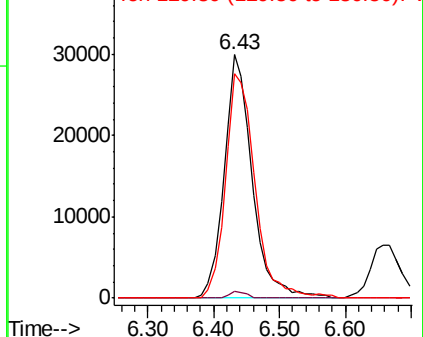


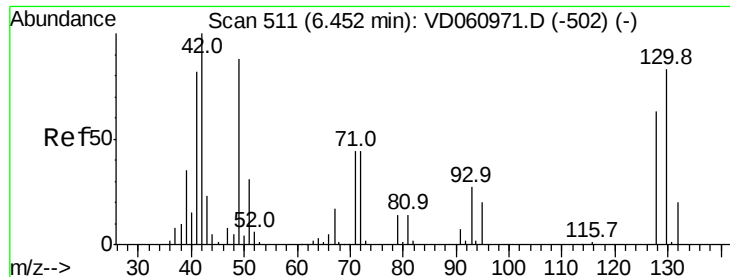
Abundance

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

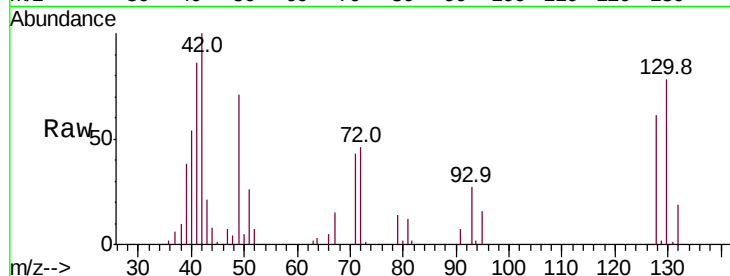
Tot Ion: 42 Resp: 95693

Ion Ratio Lower Upper

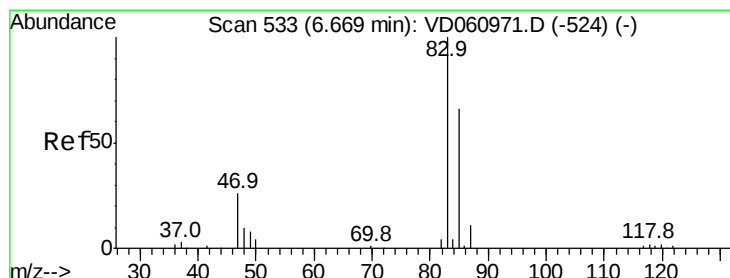
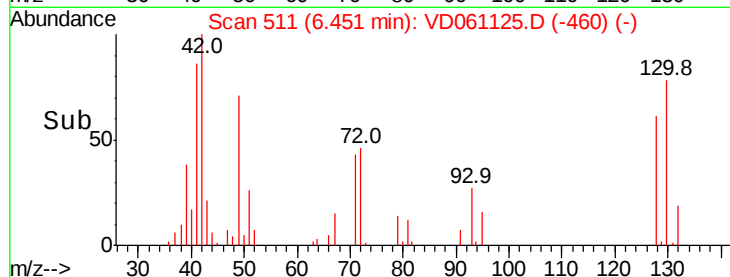
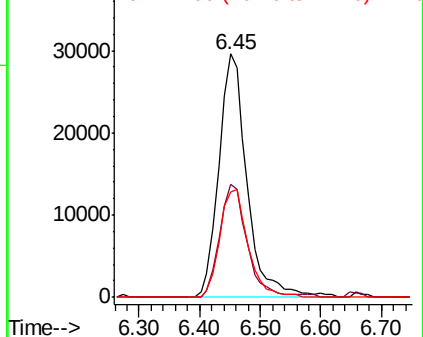
42 100

72 44.6 34.5 51.7

71 44.7 33.8 50.6



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



#30

Chloroform

Concen: 22.726 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.01 min

Lab File: VD061125.D

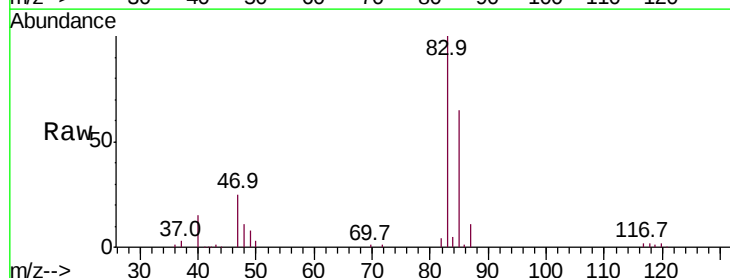
Acq: 17 Mar 2019 00:21

Tgt Ion: 83 Resp: 245313

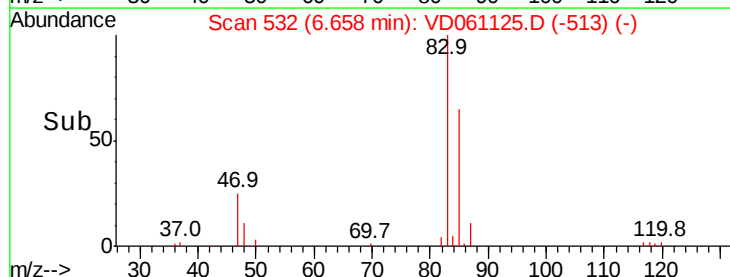
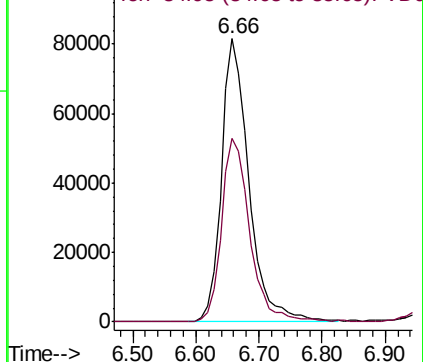
Ion Ratio Lower Upper

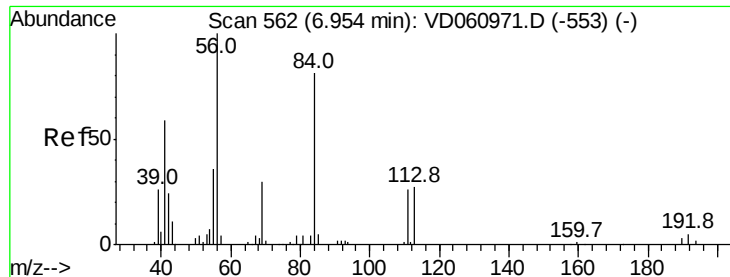
83 100

85 65.0 53.0 79.4



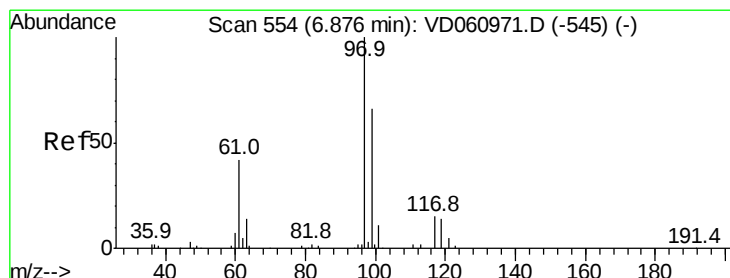
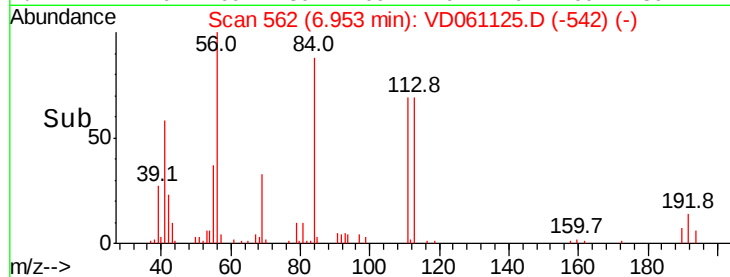
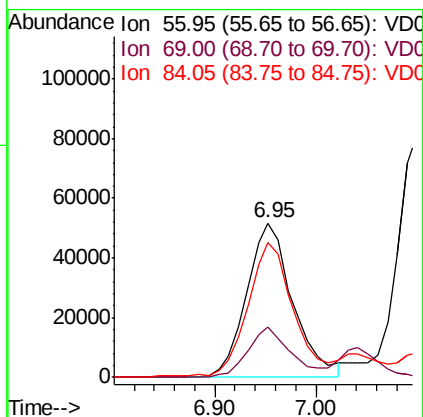
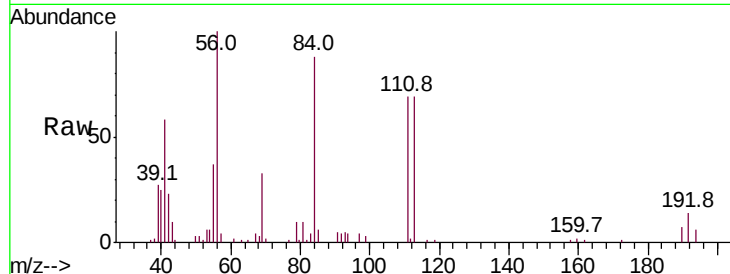
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





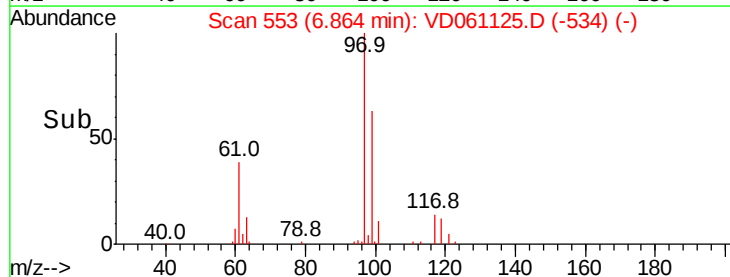
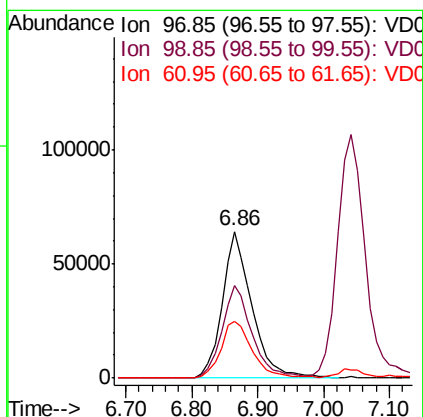
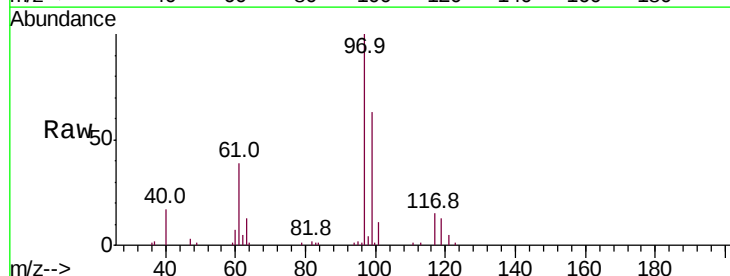
#31
Cyclohexane
Concen: 19.565 ug/l
RT: 6.95 min Scan# 562
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

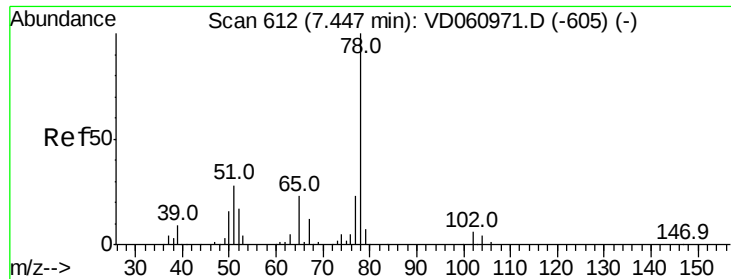
Tot Ion: 56 Resp: 164310
Ion Ratio Lower Upper
56 100
69 32.9 24.0 36.0
84 87.5 65.8 98.6



#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: 97 Resp: 200493
Ion Ratio Lower Upper
97 100
99 63.3 53.2 79.8
61 38.9 33.8 50.8





#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

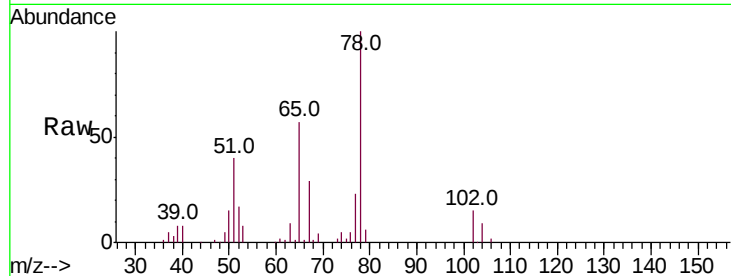
Acq: 17 Mar 2019 00:21

Tot Ion: 65 Resp: 247475

Ion Ratio Lower Upper

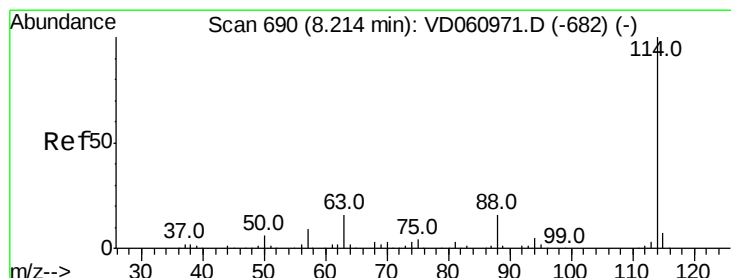
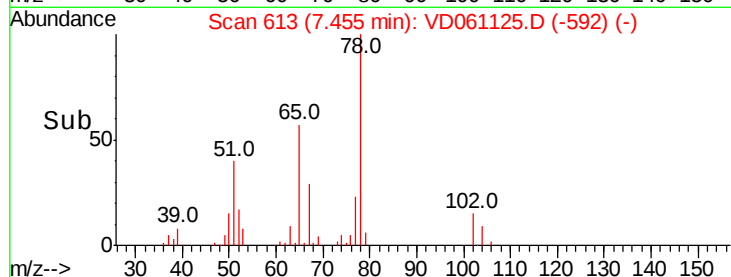
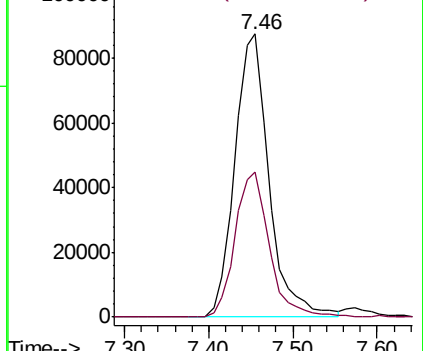
65 100

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

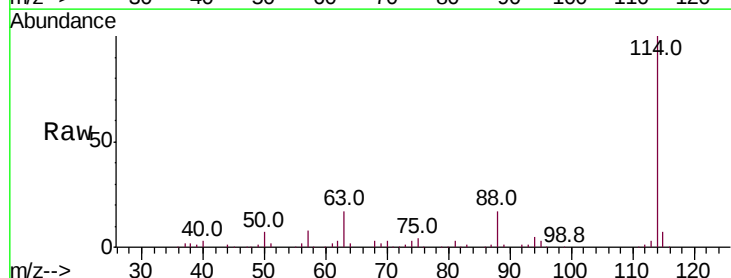
Tgt Ion: 114 Resp: 969678

Ion Ratio Lower Upper

114 100

63 16.7 0.0 31.4

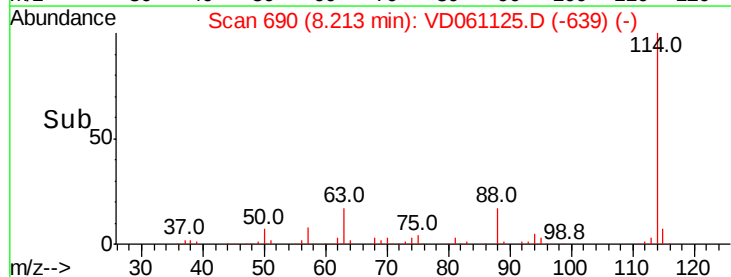
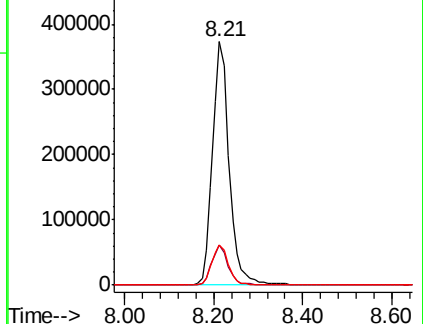
88 16.7 0.0 33.0

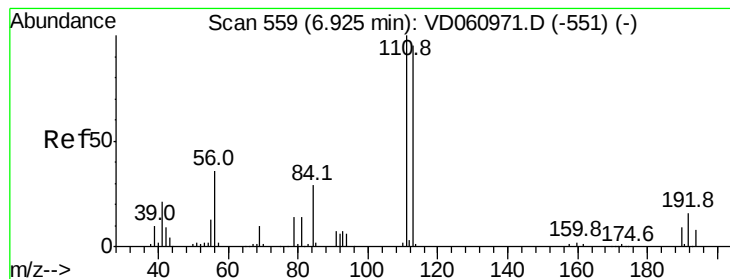


Abundance Ion 114.00 (113.70 to 114.70): V

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

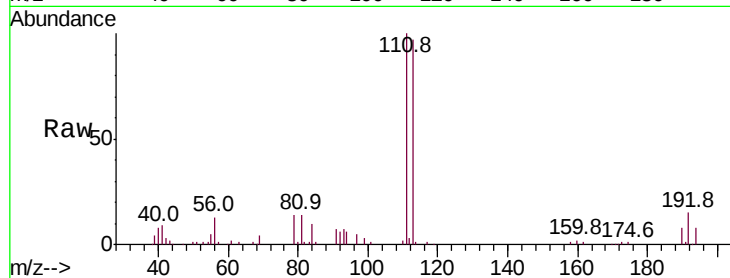
Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tot Ion:113 Resp: 372422

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

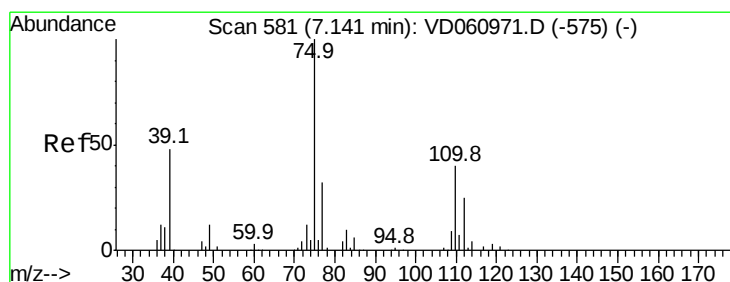
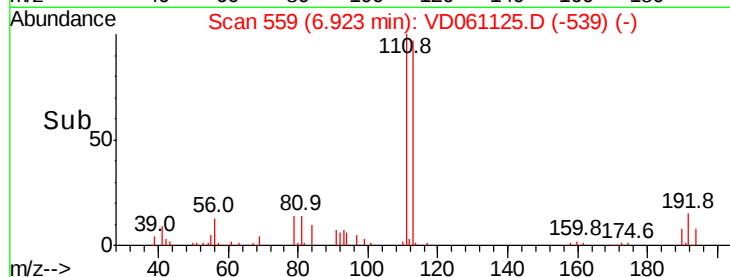
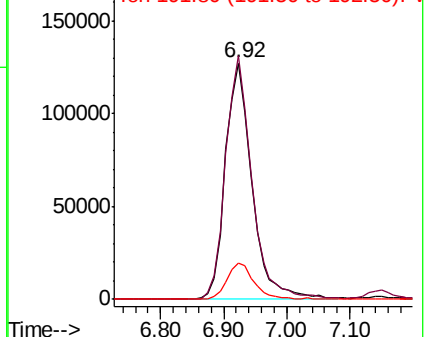


Abundance

Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 21.835 ug/l

RT: 7.14 min Scan# 581

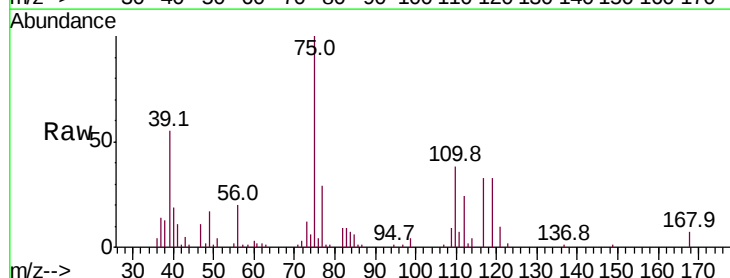
Delta R.T. -0.00 min

Lab File: VD061125.D

Acq: 17 Mar 2019 00:21

Tgt Ion: 75 Resp: 182505

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

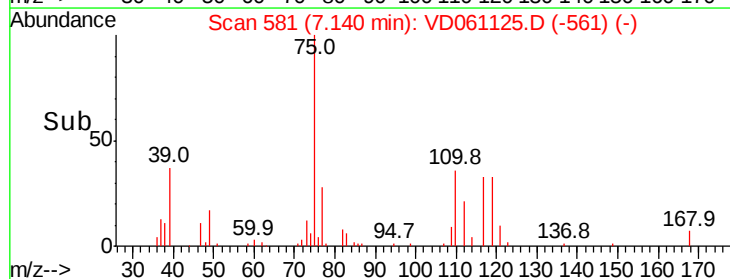
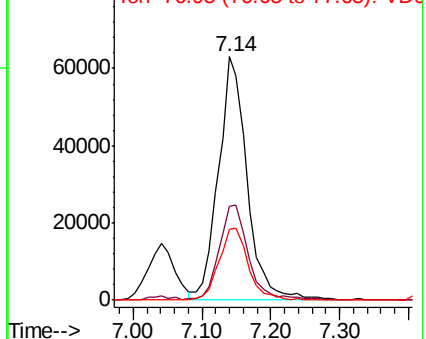


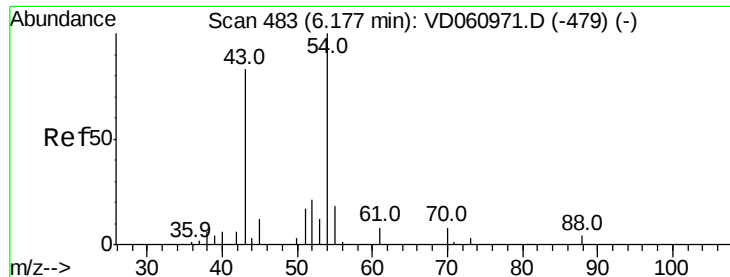
Abundance

Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

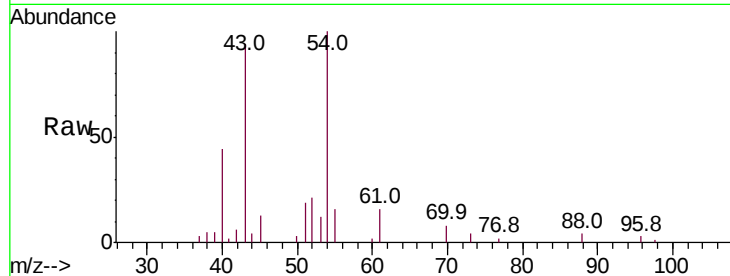
Ion 76.95 (76.65 to 77.65): V



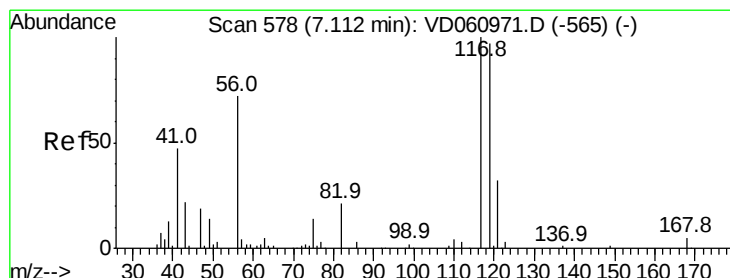
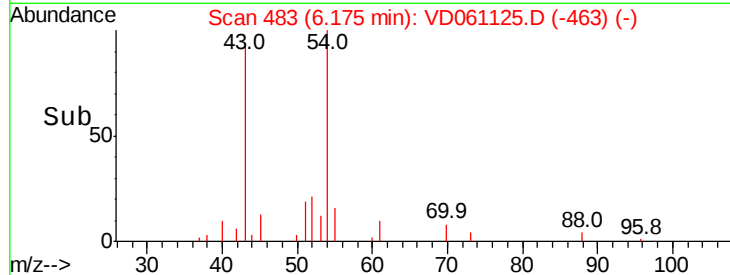
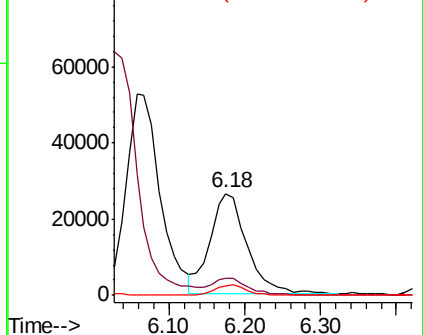


#37
Ethyl Acetate
Concen: 22.714 ug/l
RT: 6.18 min Scan# 483
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

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

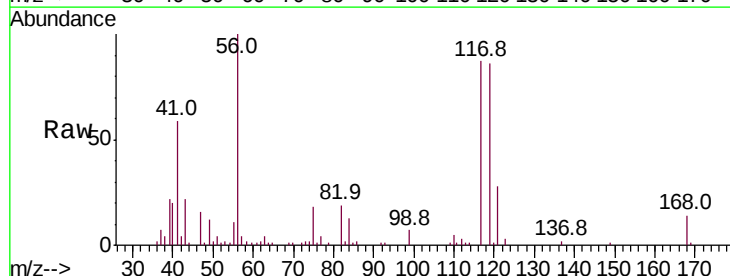


Abundance Ion 42.95 (42.65 to 43.65): VD061125.D (-479) (-)
Ion 60.95 (60.65 to 61.65): VD061125.D (-479) (-)
Ion 70.00 (69.70 to 70.70): VD061125.D (-479) (-)

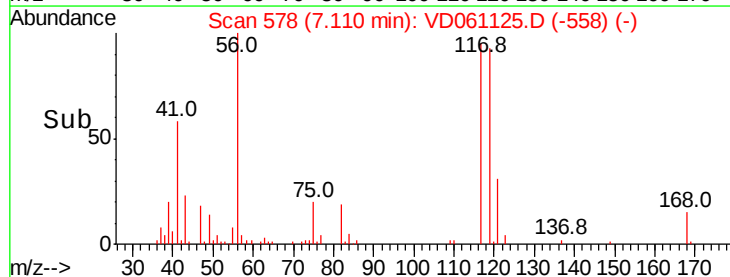
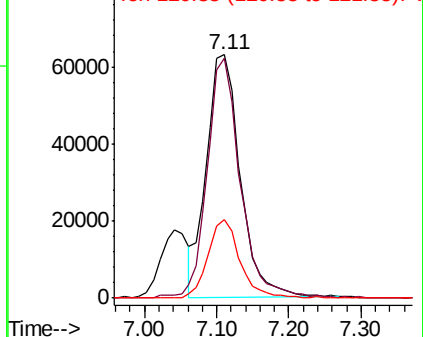


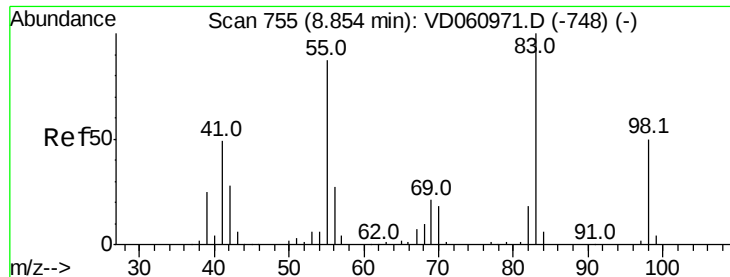
#38
Carbon Tetrachloride
Concen: 22.149 ug/l
RT: 7.11 min Scan# 578
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

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



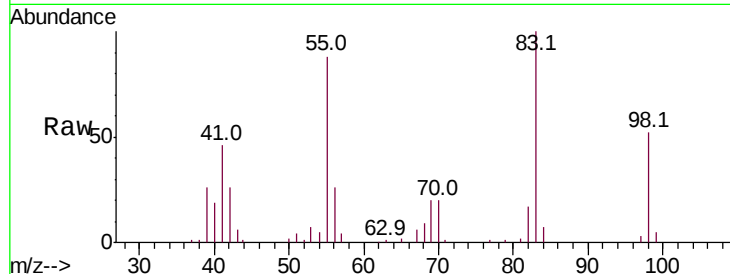
Abundance Ion 116.85 (116.55 to 117.55): VD061125.D (-558) (-)
Ion 118.85 (118.55 to 119.55): VD061125.D (-558) (-)
Ion 120.85 (120.55 to 121.55): VD061125.D (-558) (-)



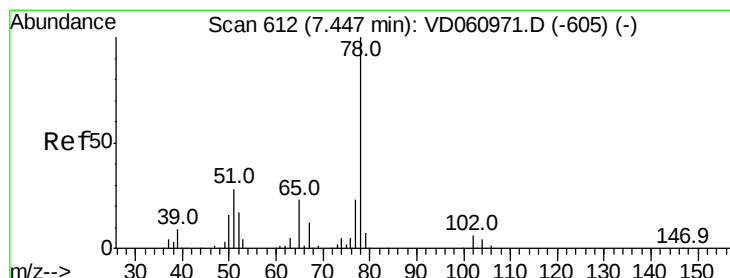
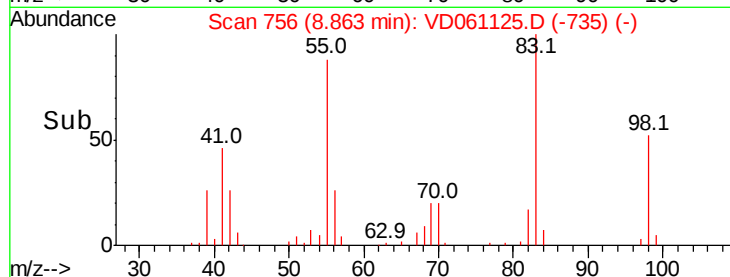
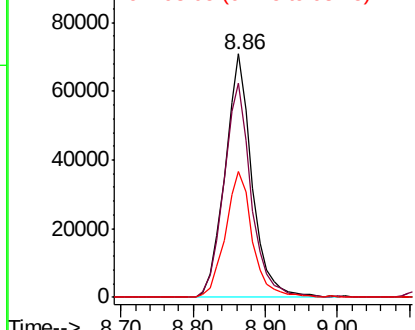


#39
Methvlcvclohexane
Concen: 21.267 ug/l
RT: 8.86 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

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

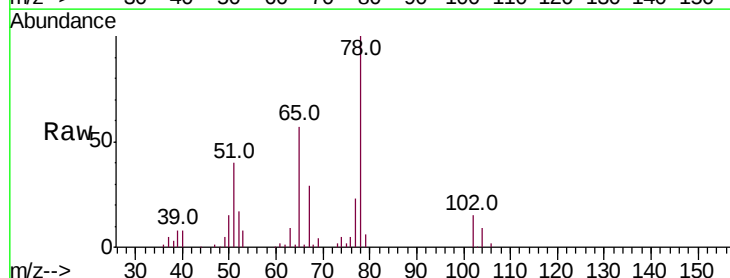


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

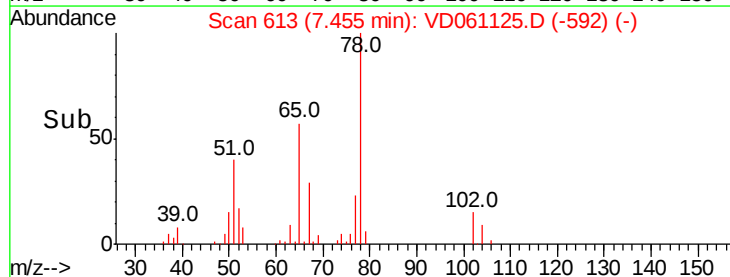
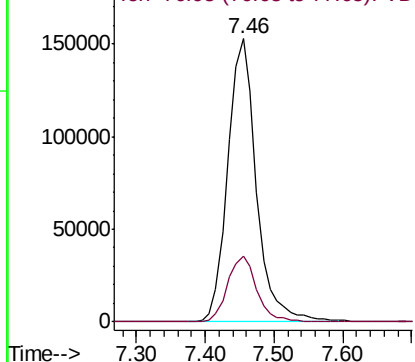


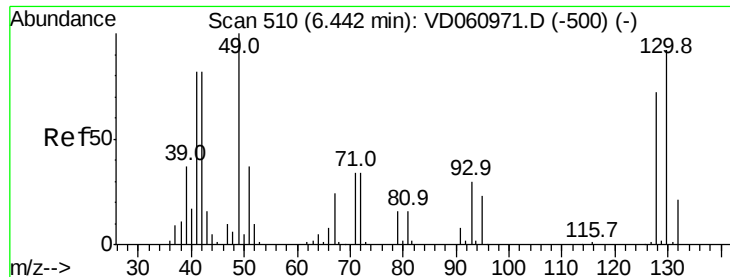
#40
Benzene
Concen: 21.064 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 78 Resp: 439942
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



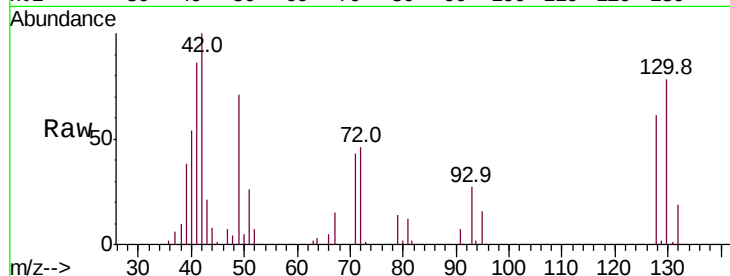
Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC



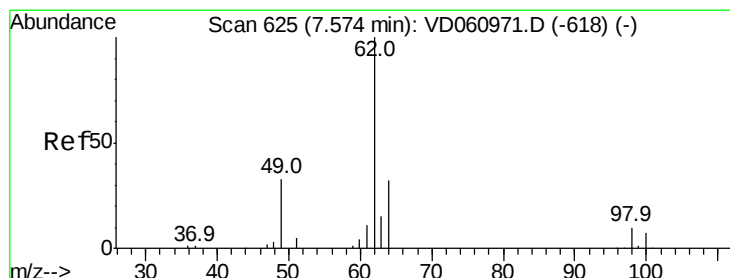
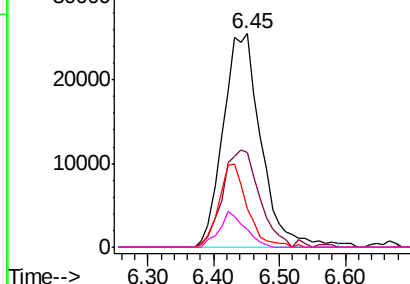
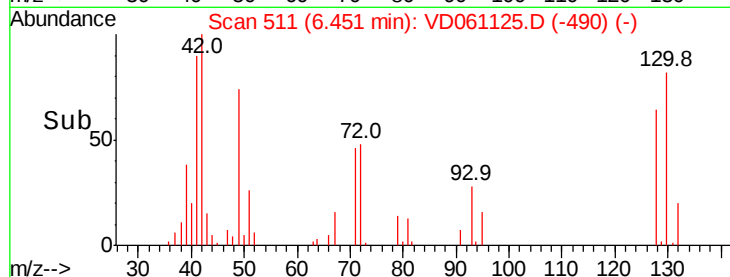


#41
Methacrylonitrile
Concen: 22.785 ug/l
RT: 6.45 min Scan# 511
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tot 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#

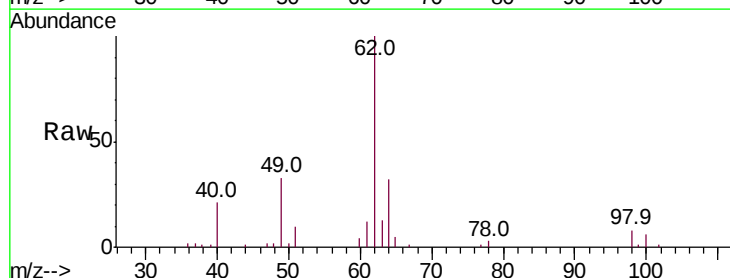


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

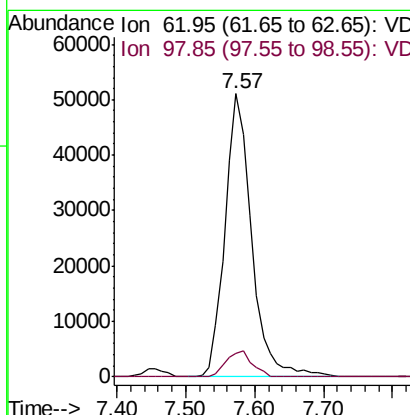
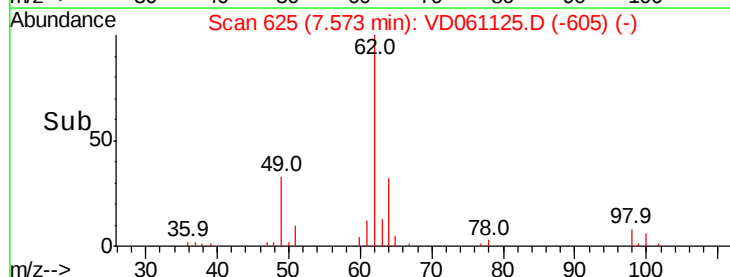


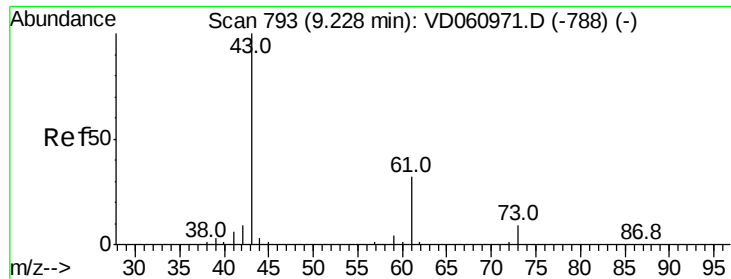
#42
1,2-Dichloroethane
Concen: 22.585 ug/l
RT: 7.57 min Scan# 625
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tgt Ion: 62 Resp: 136886
Ion Ratio Lower Upper
62 100
98 8.4 0.0 20.4



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 97.85 (97.55 to 98.55): VDC

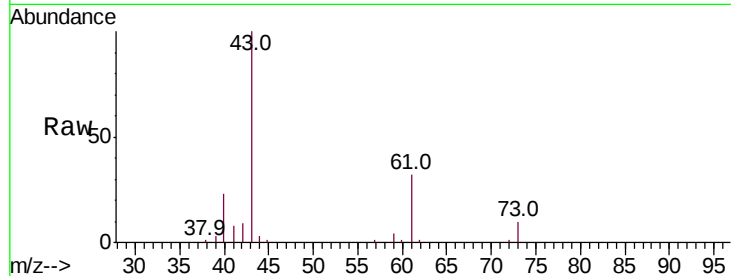




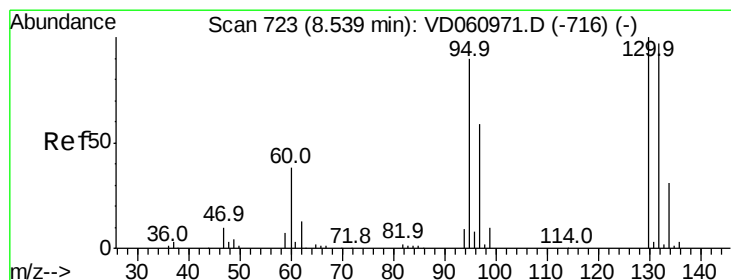
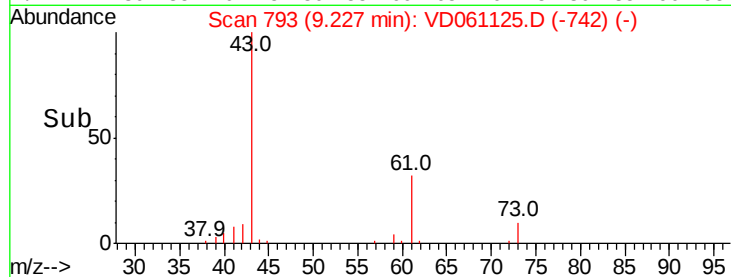
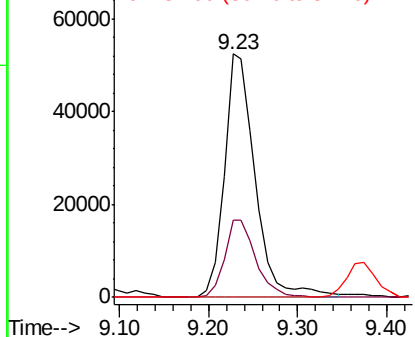
#43

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

Tot Ion: 43 Resp: 126451
 Ion Ratio Lower Upper
 43 100
 61 31.7 25.6 38.4
 87 0.0 0.2 0.4#



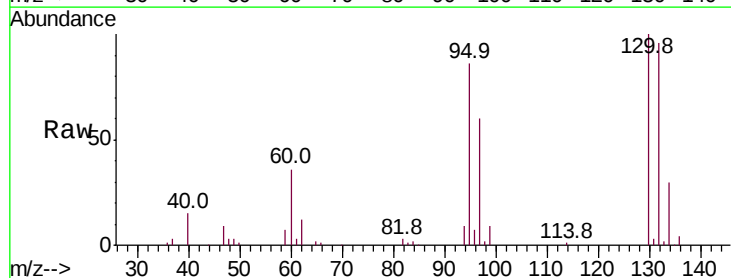
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



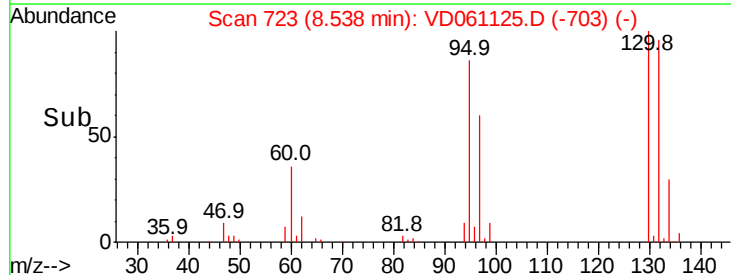
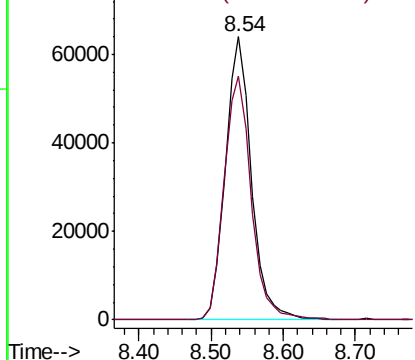
#44

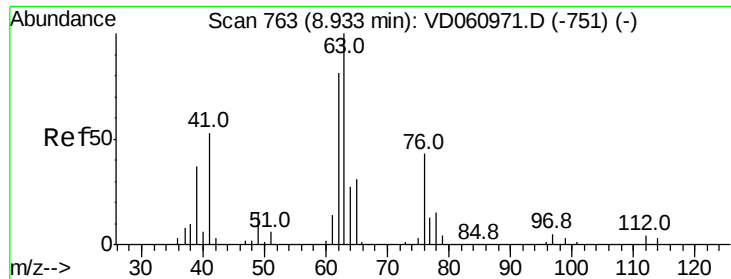
Trichloroethene
 Concen: 22.245 ug/l
 RT: 8.54 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

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

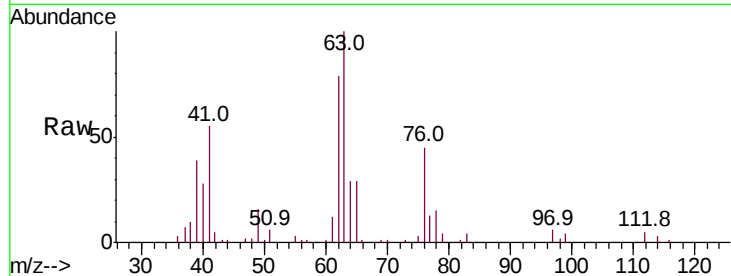
Acq: 17 Mar 2019 00:21

Tot Ion: 63 Resp: 119924

Ion Ratio Lower Upper

63 100

65 29.3 24.8 37.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.93

50000

40000

30000

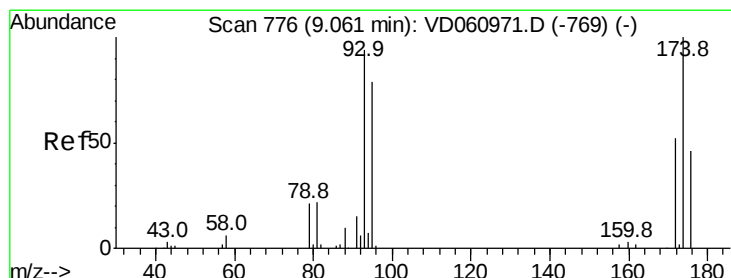
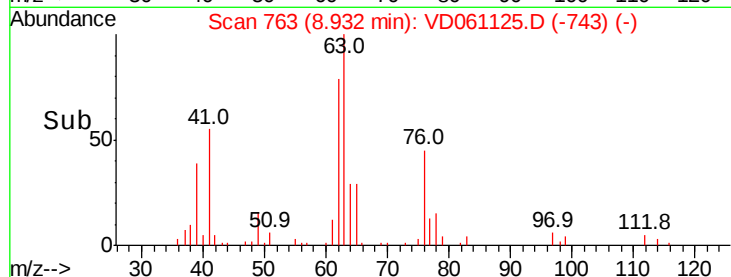
20000

10000

0

Time-->

8.80 8.90 9.00 9.10



#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

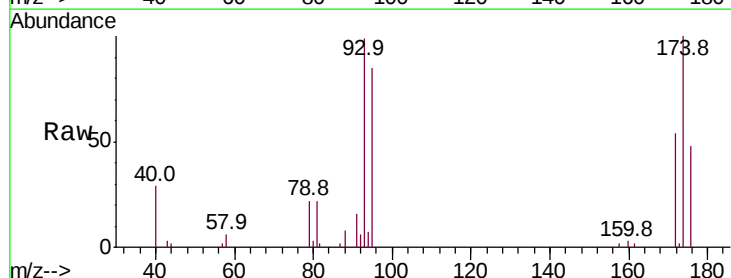
Tgt Ion: 93 Resp: 84041

Ion Ratio Lower Upper

93 100

95 86.6 67.4 101.0

174 101.5 85.4 128.0



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

9.06

50000

40000

30000

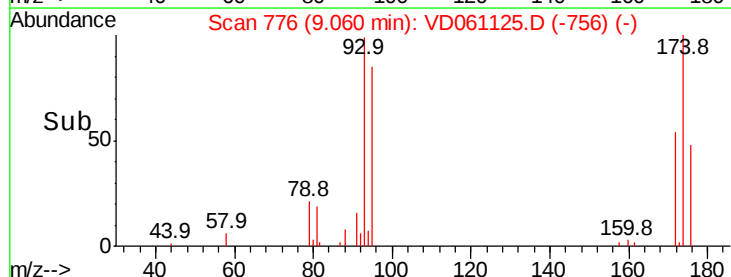
20000

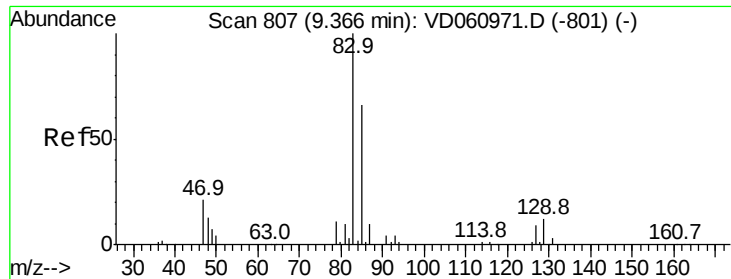
10000

0

Time-->

9.00 9.10 9.20





#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

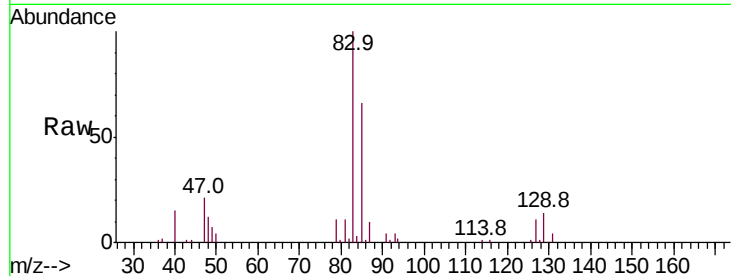
Tot Ion: 83 Resp: 174539

Ion Ratio Lower Upper

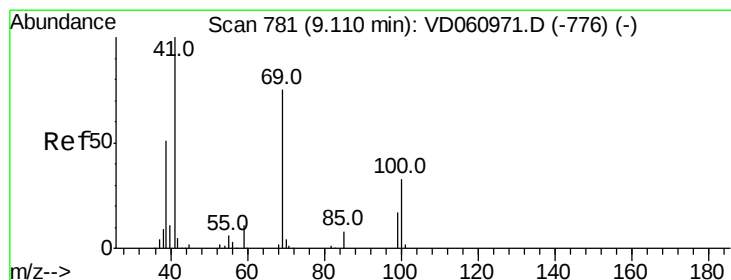
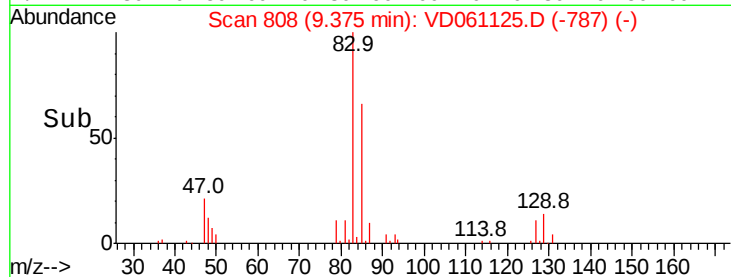
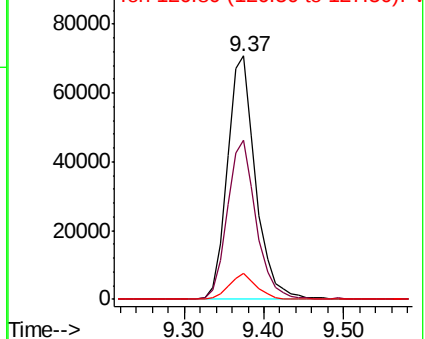
83 100

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

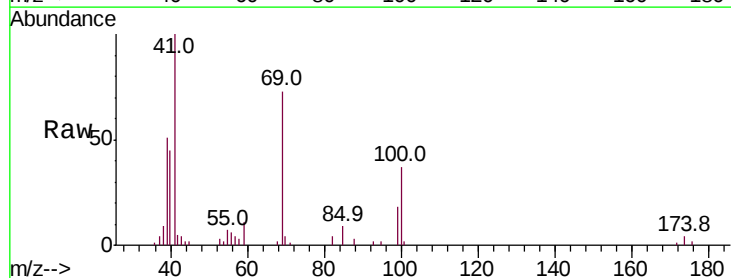
Tgt Ion: 41 Resp: 78904

Ion Ratio Lower Upper

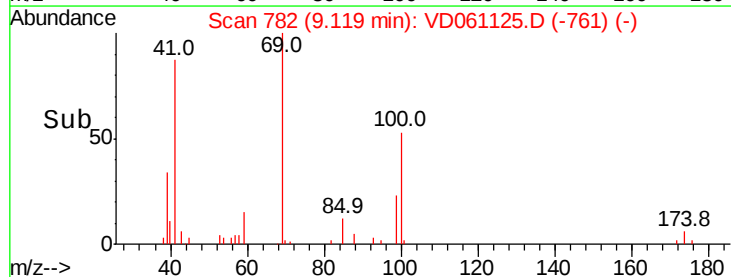
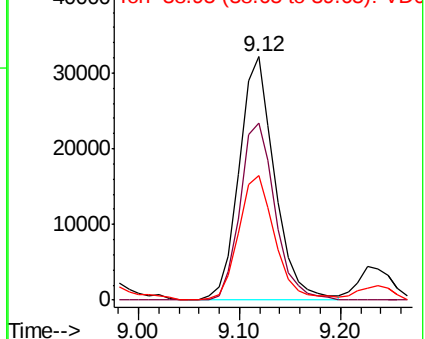
41 100

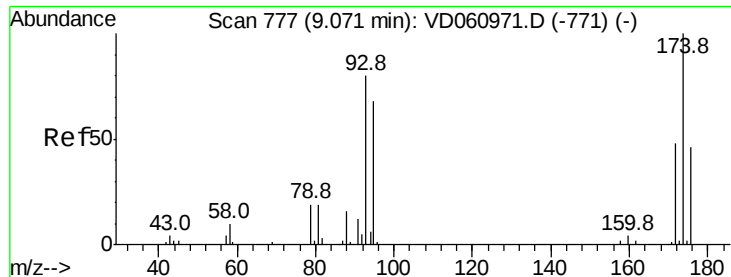
69 72.6 59.9 89.9

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

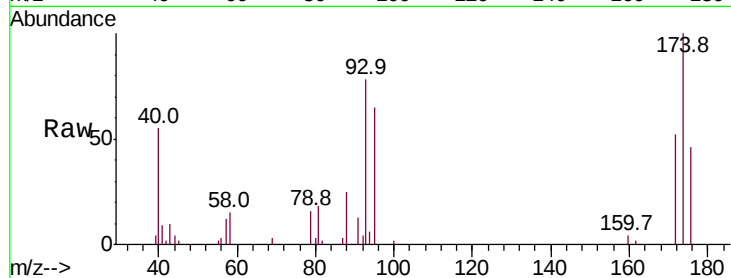
Delta R.T. 0.01 min

Lab File: VD061125.D

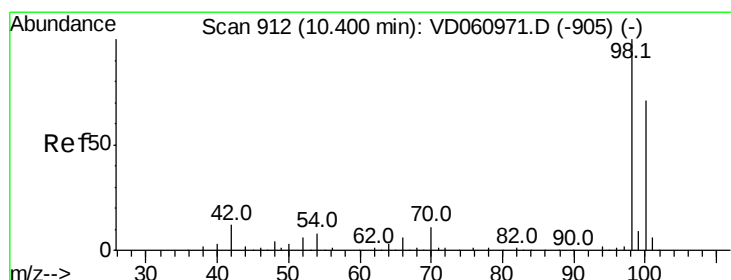
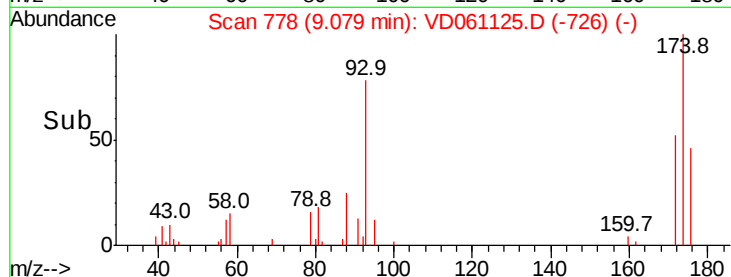
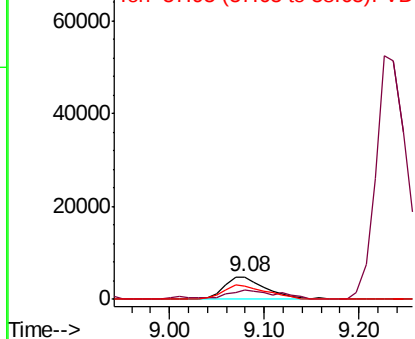
Acq: 17 Mar 2019 00:21

Tot 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

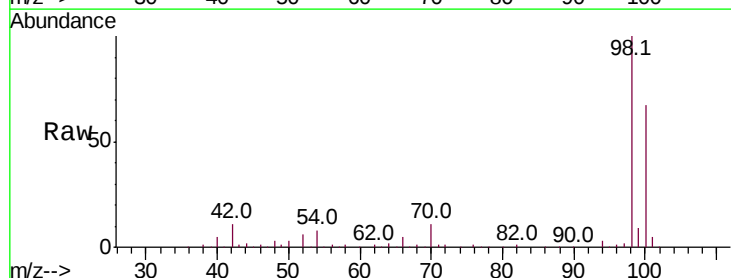
Delta R.T. 0.01 min

Lab File: VD061125.D

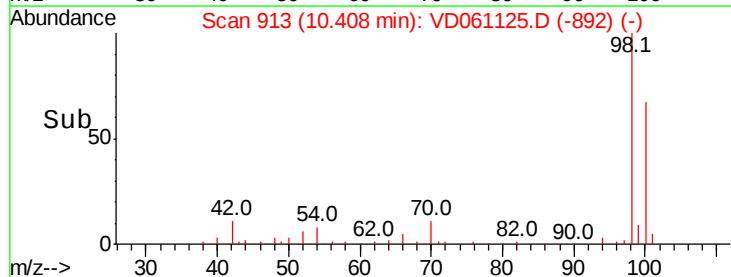
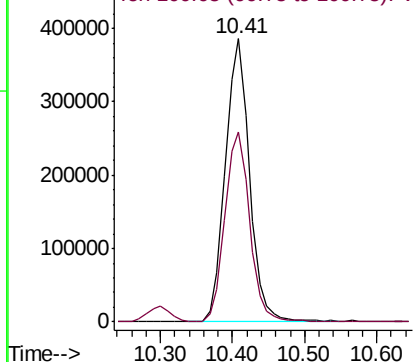
Acq: 17 Mar 2019 00:21

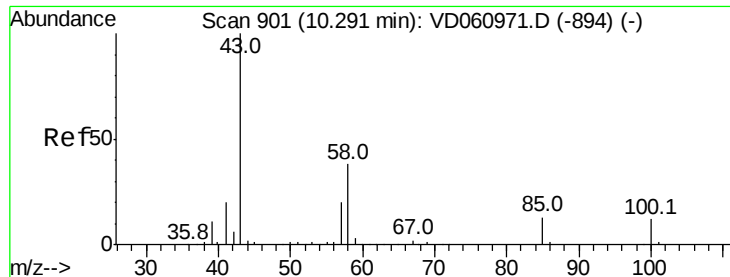
Tgt Ion: 98 Resp: 898749

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

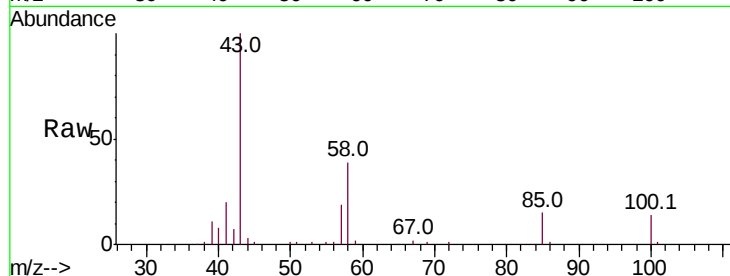
Acq: 17 Mar 2019 00:21

Tot Ion: 43 Resp: 387846

Ion Ratio Lower Upper

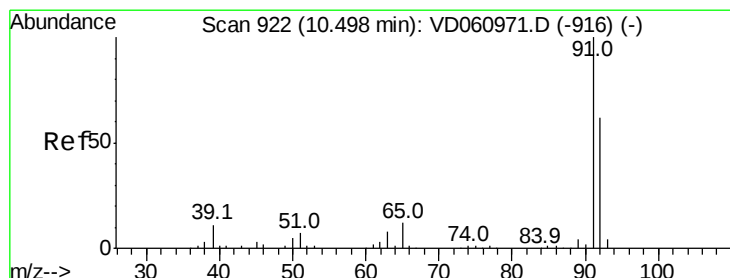
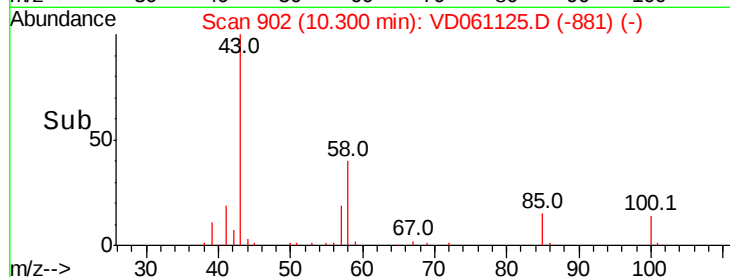
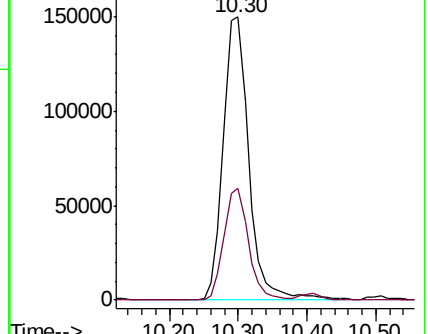
43 100

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

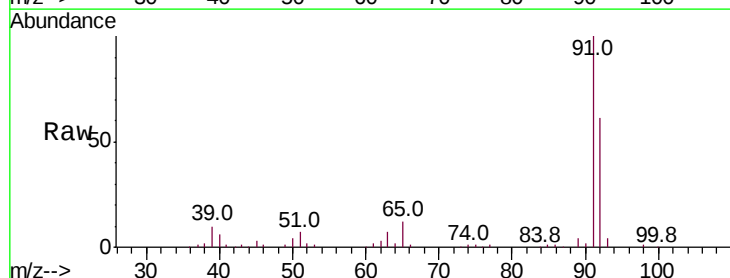
Acq: 17 Mar 2019 00:21

Tgt Ion: 92 Resp: 305167

Ion Ratio Lower Upper

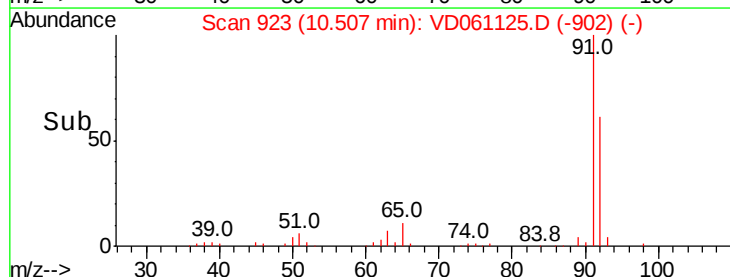
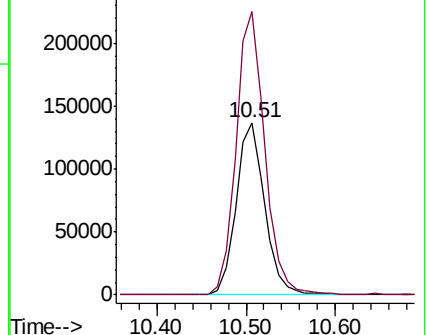
92 100

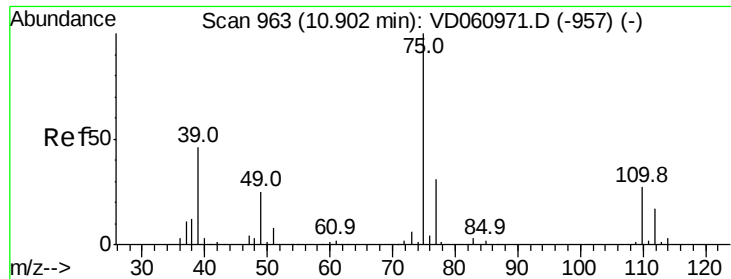
91 164.5 129.8 194.8



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

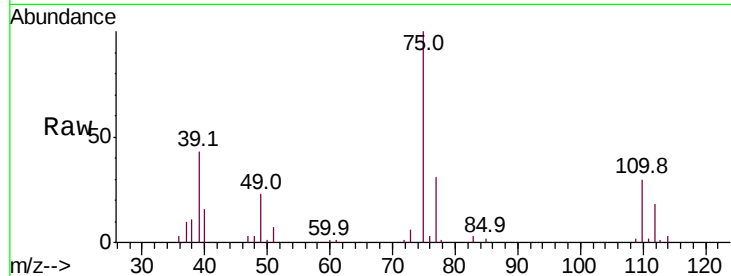
Acq: 17 Mar 2019 00:21

Tot Ion: 75 Resp: 149893

Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

10.91

80000

60000

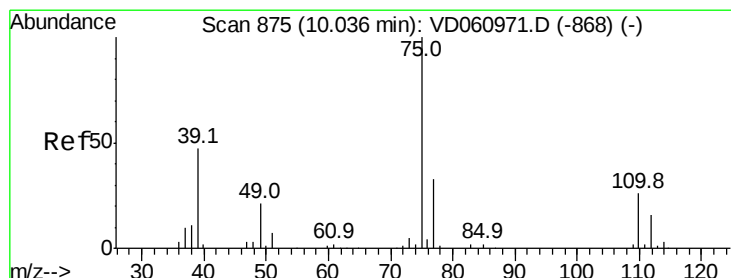
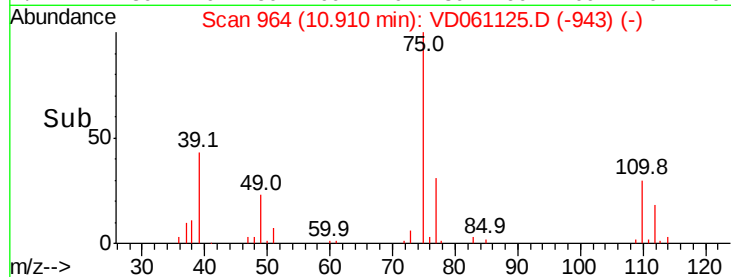
40000

20000

0

Time-->

10.80 10.90 11.00



#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

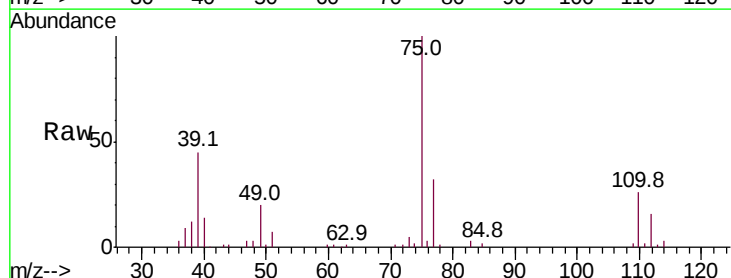
Tgt Ion: 75 Resp: 199411

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4

39 44.8 37.8 56.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

120000

100000

80000

60000

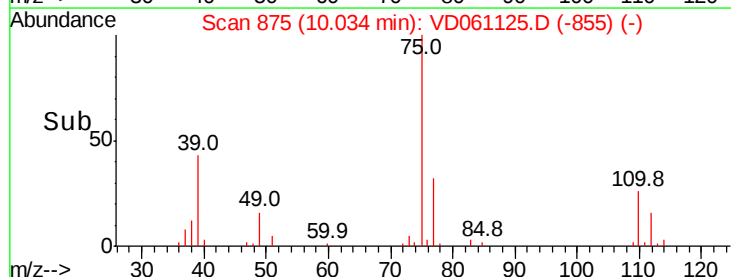
40000

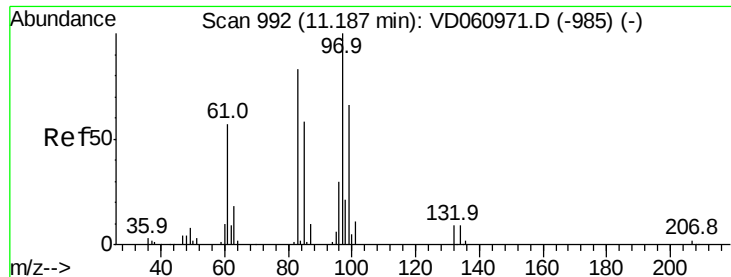
20000

0

Time-->

9.90 10.00 10.10 10.20





#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

Tot Ion: 97 Resp: 100637

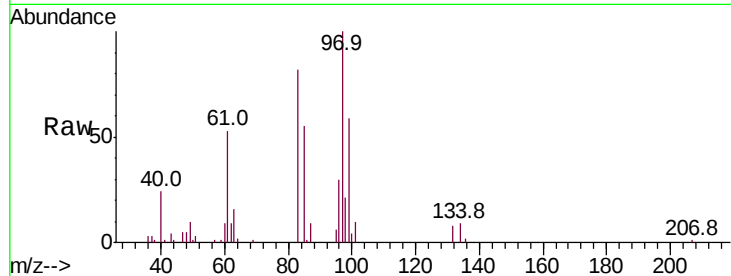
Ion Ratio Lower Upper

97 100

83 81.9 66.6 100.0

85 55.0 46.4 69.6

99 59.4 52.4 78.6

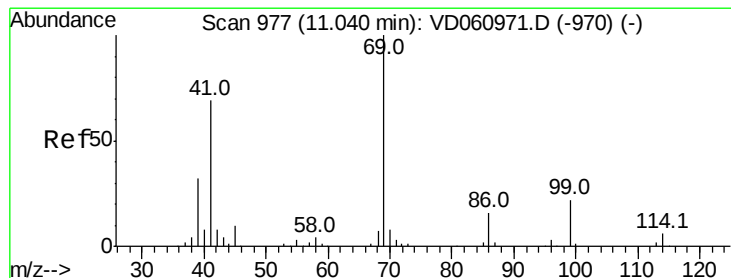
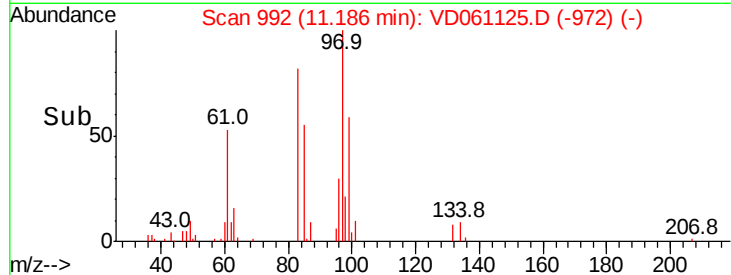
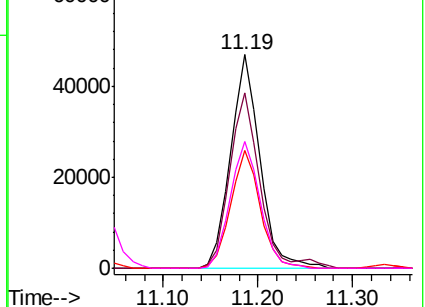


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 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

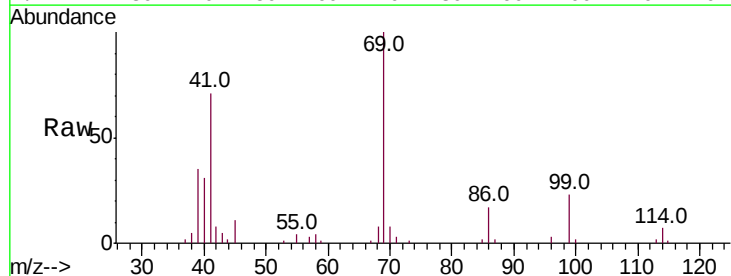
Tgt Ion: 69 Resp: 110335

Ion Ratio Lower Upper

69 100

41 71.4 55.5 83.3

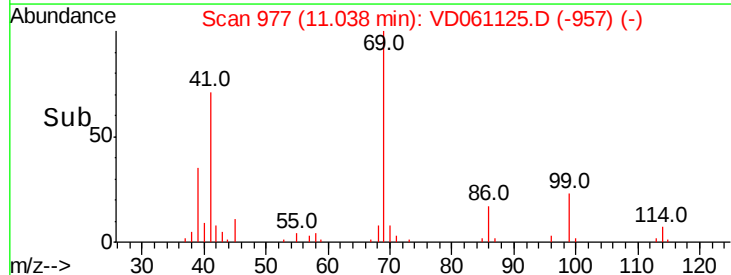
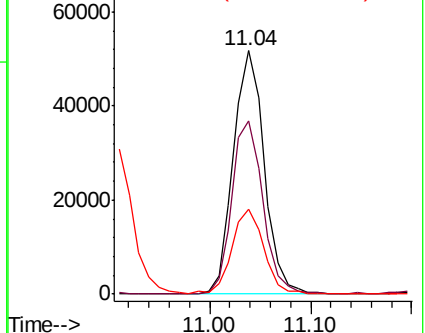
39 35.0 26.2 39.2

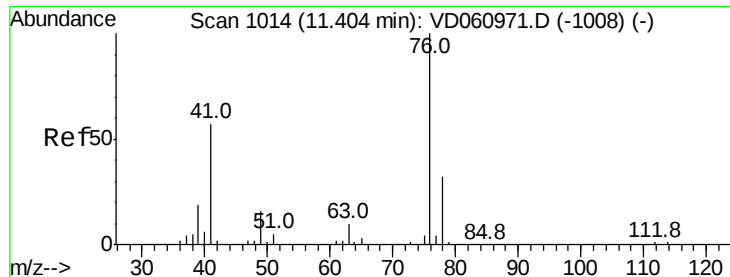


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 24.279 ug/l

RT: 11.40 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VD061125.D

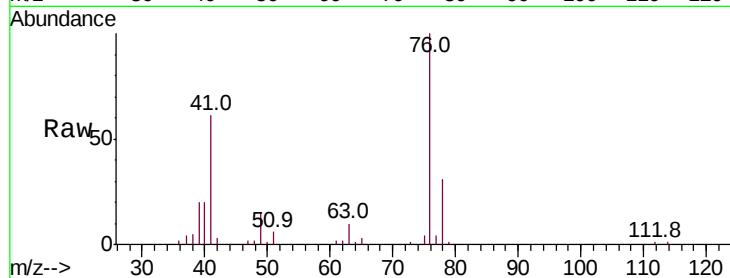
Acq: 17 Mar 2019 00:21

Tot Ion: 76 Resp: 156924

Ion Ratio Lower Upper

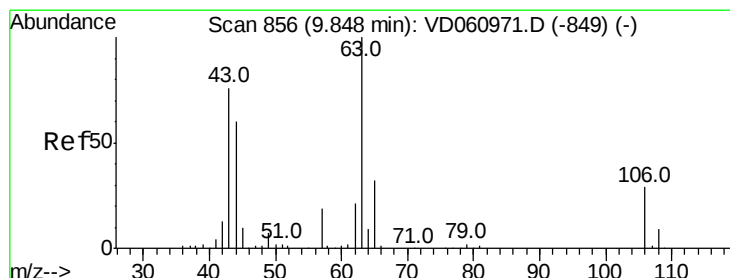
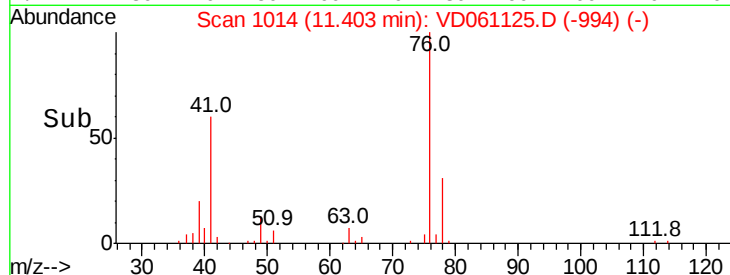
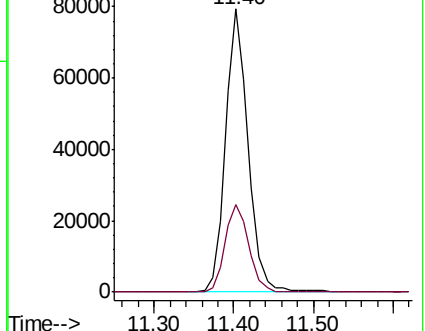
76 100

78 30.8 25.4 38.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 115.766 ug/l

RT: 9.86 min Scan# 857

Delta R.T. 0.01 min

Lab File: VD061125.D

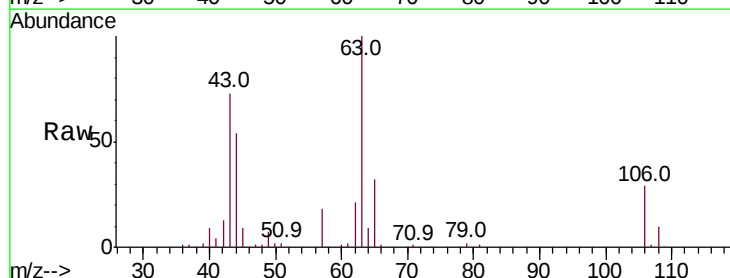
Acq: 17 Mar 2019 00:21

Tgt Ion: 63 Resp: 277413

Ion Ratio Lower Upper

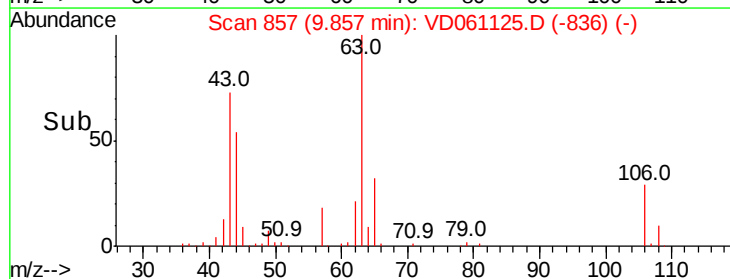
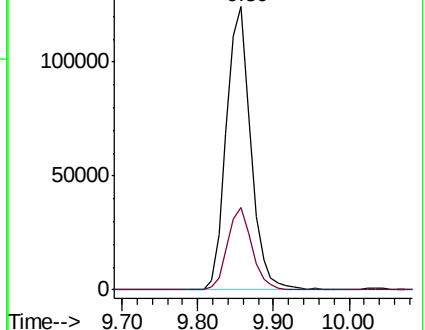
63 100

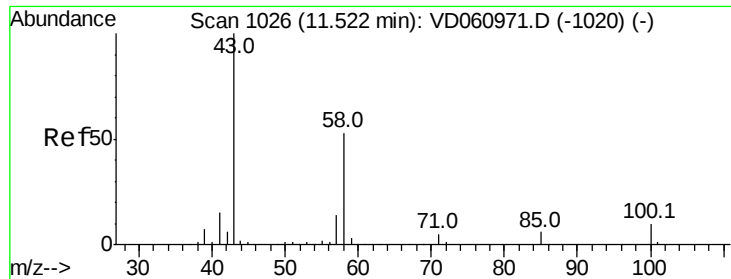
106 29.2 22.8 34.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

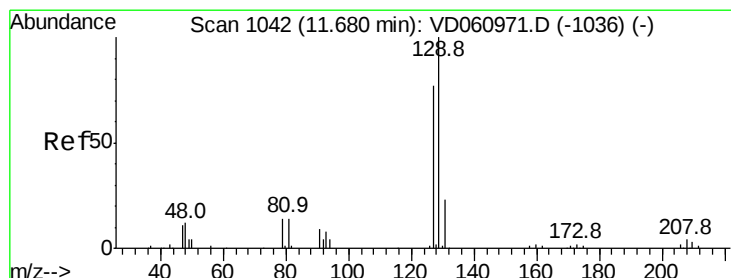
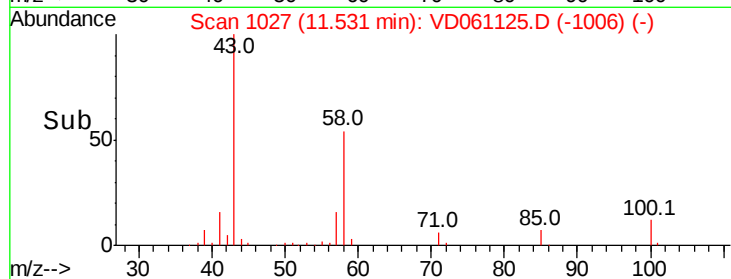
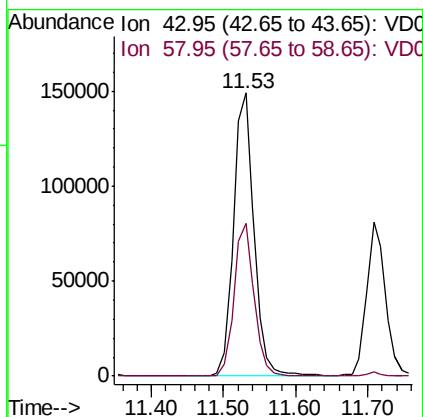
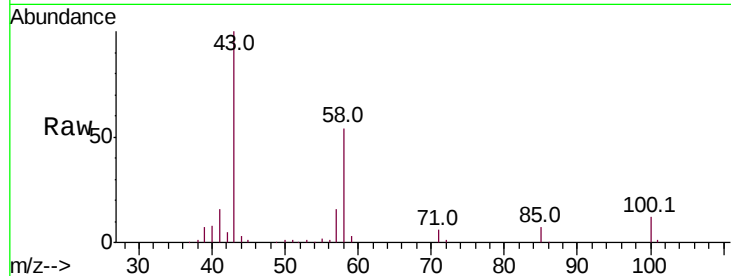
Ion 105.95 (105.65 to 106.65): V





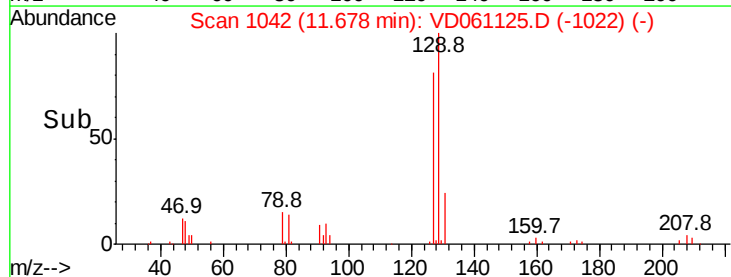
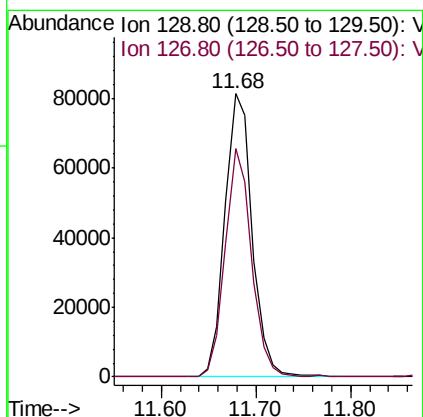
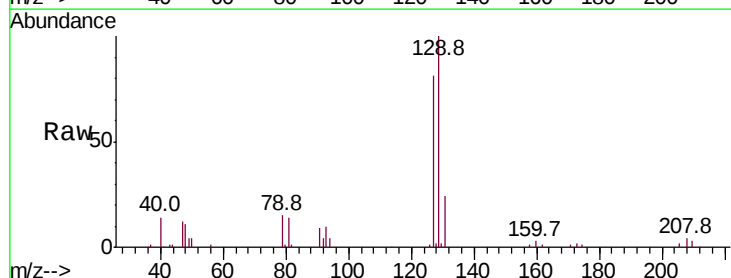
#59
2-Hexanone
Concen: 121.329 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

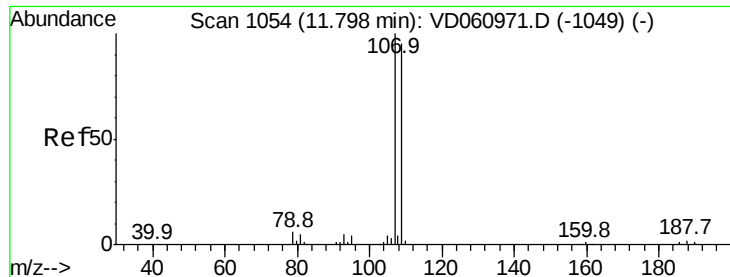
Tot Ion: 43 Resp: 295377
Ion Ratio Lower Upper
43 100
58 53.9 26.5 79.5



#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

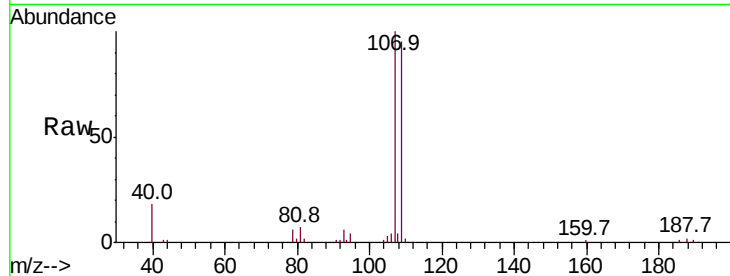
Tgt Ion:129 Resp: 162935
Ion Ratio Lower Upper
129 100
127 80.7 38.3 114.9



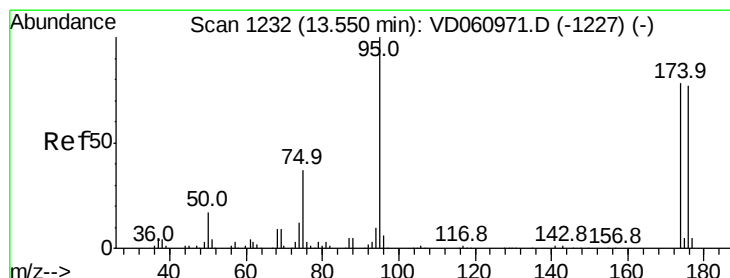
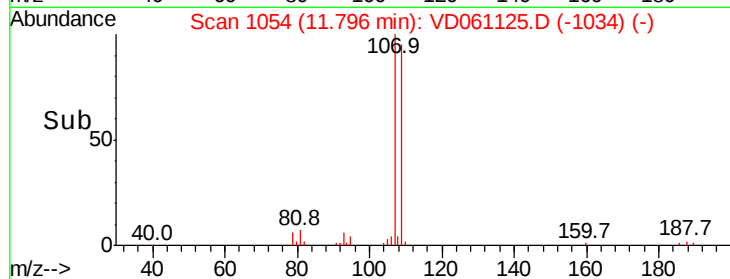
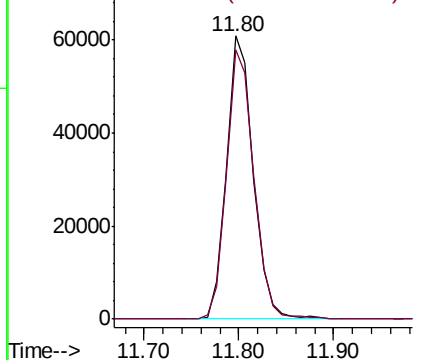


#61
1,2-Dibromoethane
Concen: 23.546 ug/l
RT: 11.80 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tot Ion:107 Resp: 118469
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

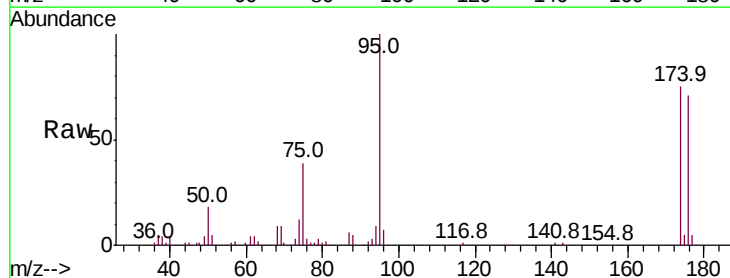


Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.90 (108.60 to 109.60): V

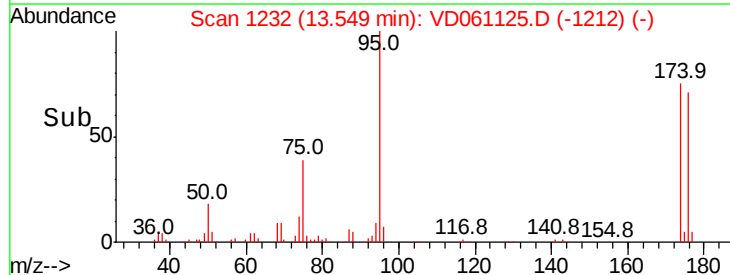
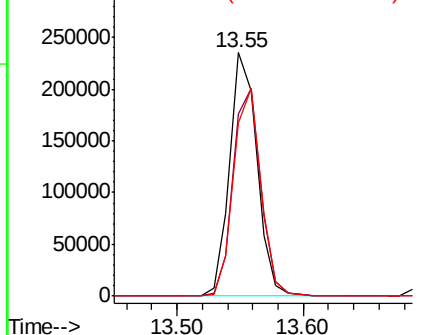


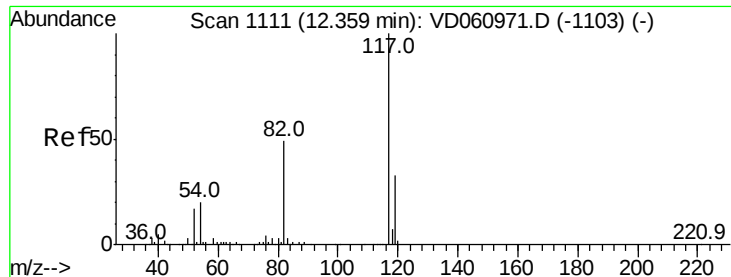
#62
4-Bromofluorobenzene
Concen: 23.546 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

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



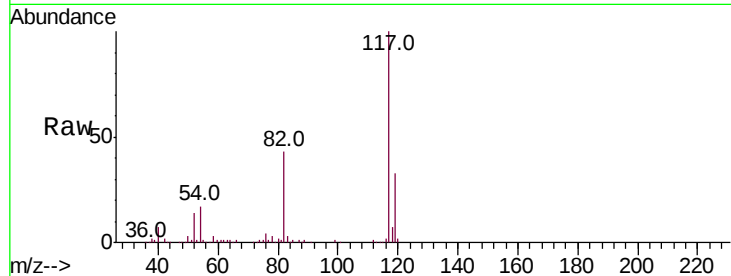
Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V





#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

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

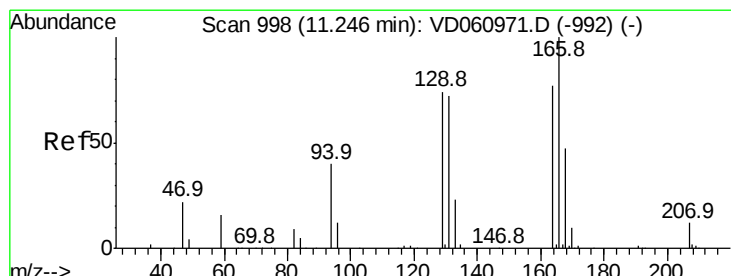
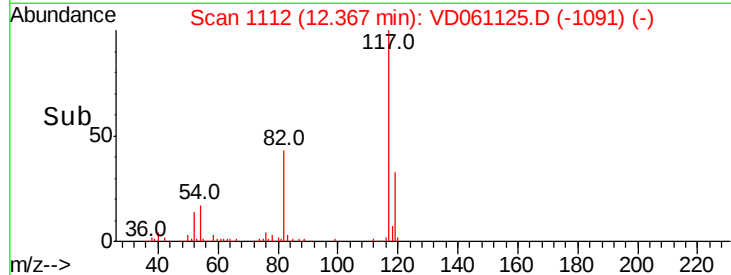
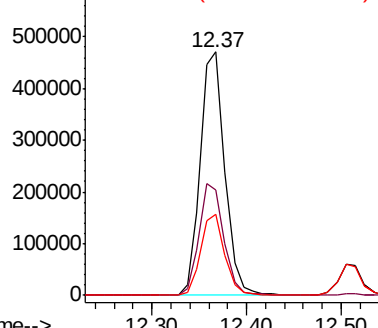


Abundance

Ion 116.95 (116.65 to 117.65): V

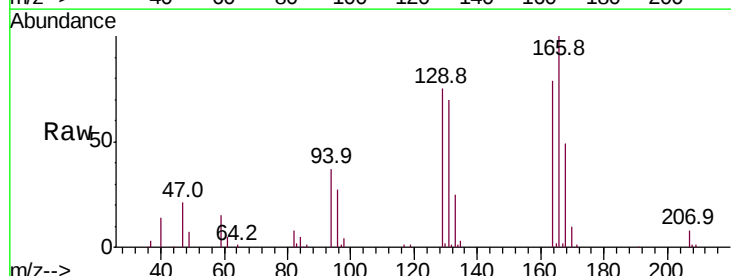
Ion 82.05 (81.75 to 82.75): V

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



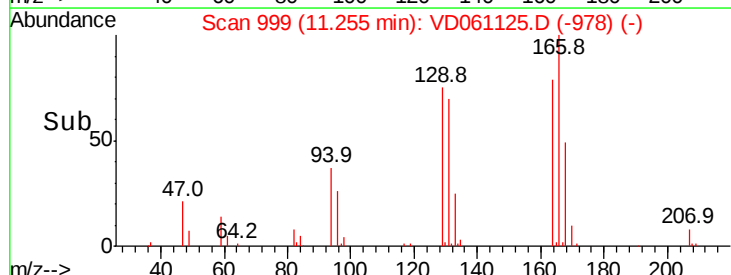
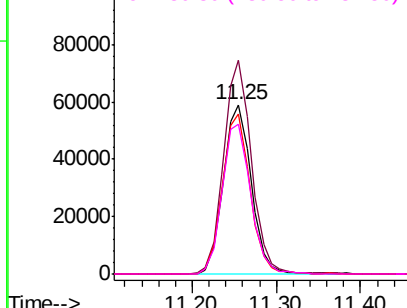
Abundance

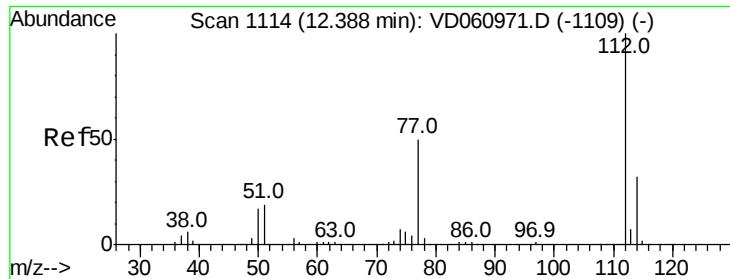
Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

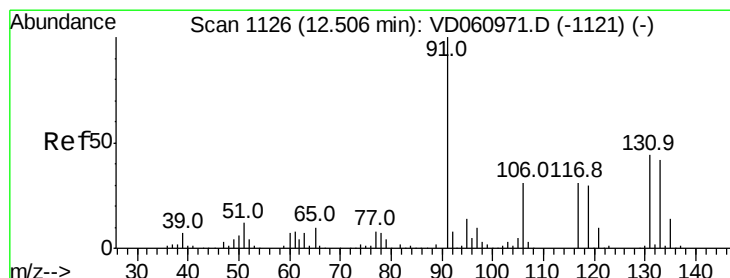
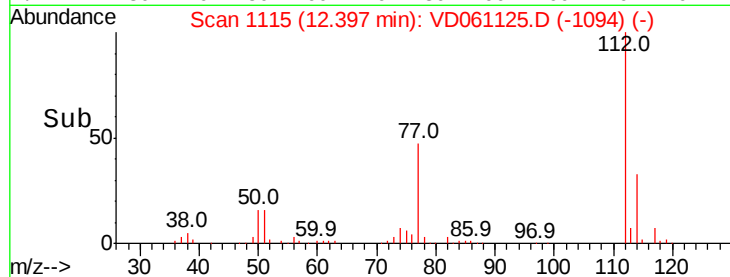
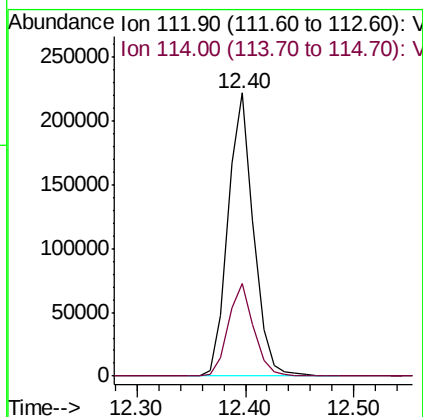
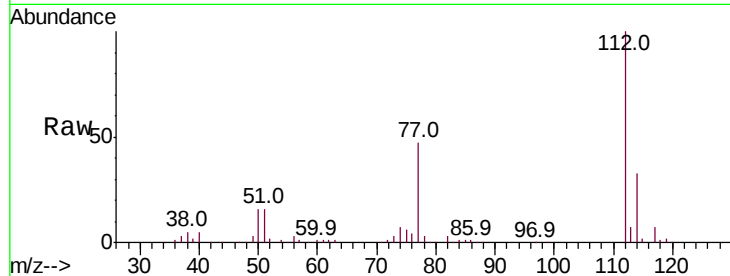
Ion 130.80 (130.50 to 131.50): V





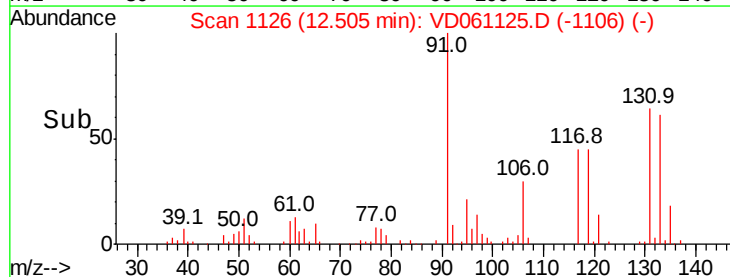
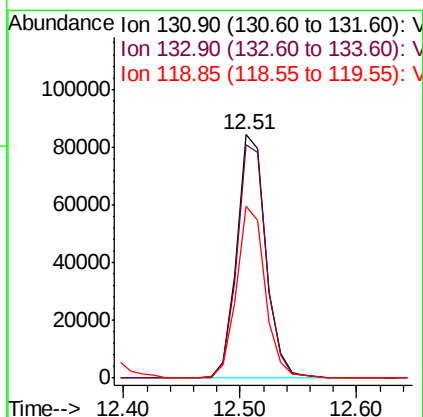
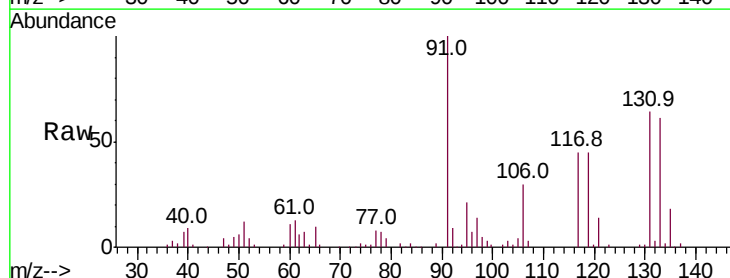
#65
Chlorobenzene
Concen: 21.906 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

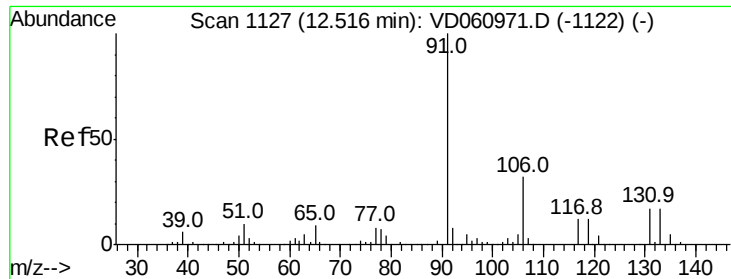
Tot Ion:112 Resp: 363492
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0



#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

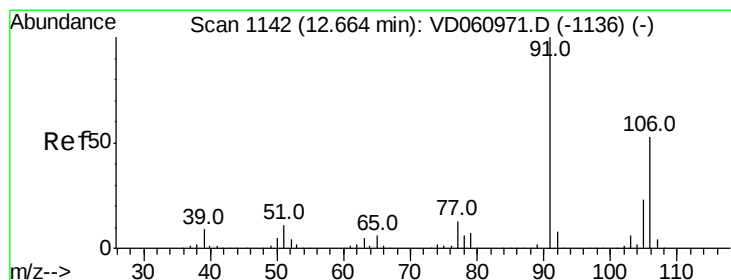
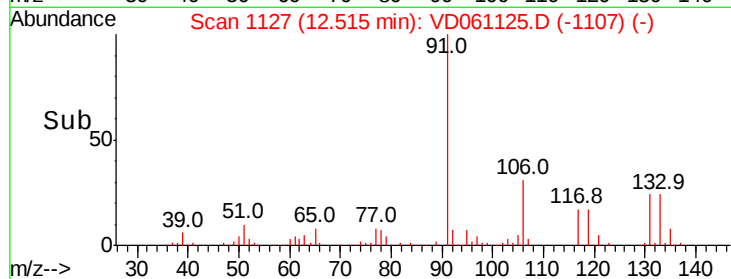
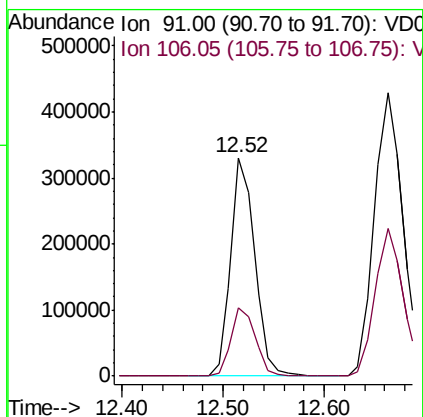
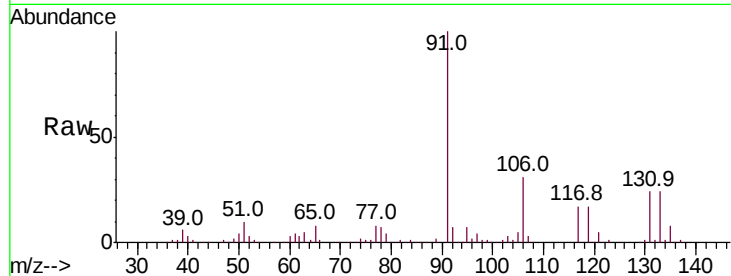
Tgt Ion:131 Resp: 145356
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 70.7 34.3 102.9





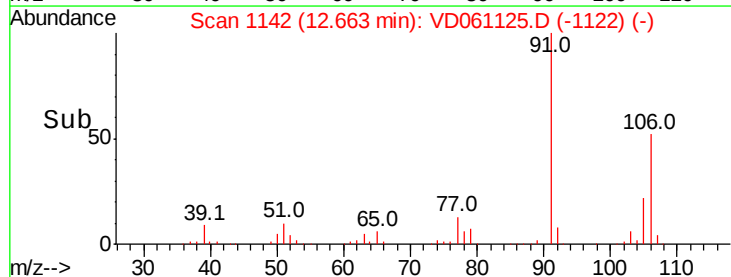
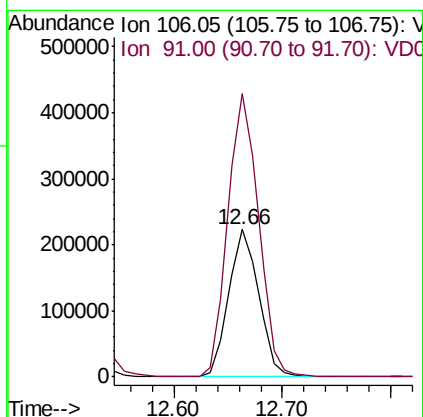
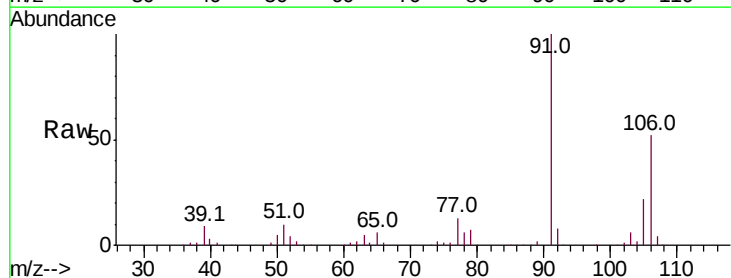
#67
Ethyl Benzene
Concen: 22.218 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

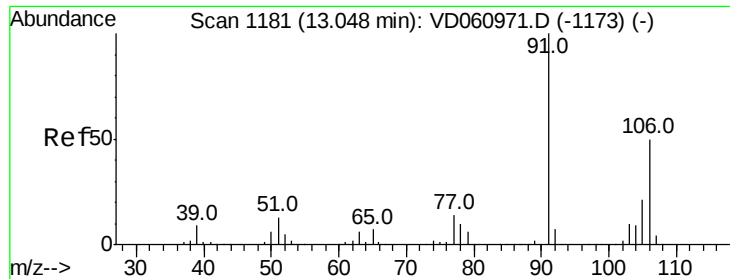
Tot Ion: 91 Resp: 548847
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5



#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

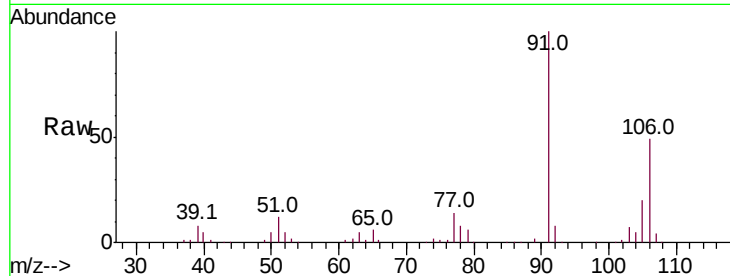
Tgt Ion: 106 Resp: 432815
Ion Ratio Lower Upper
106 100
91 192.3 152.0 228.0



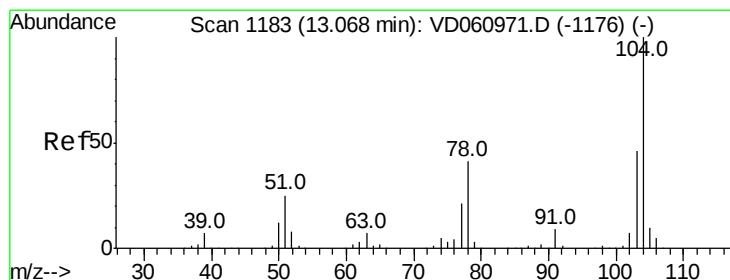
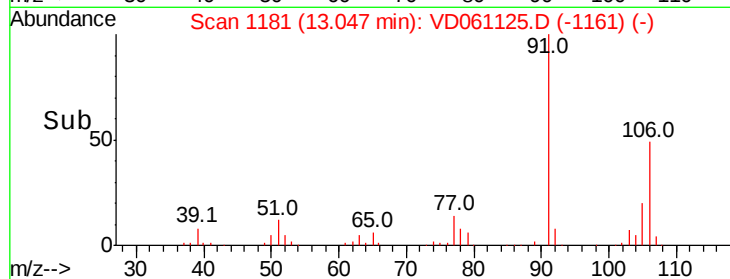
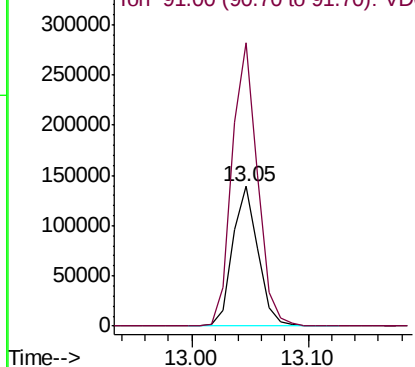


#69
o-Xylene
Concen: 21.961 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

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

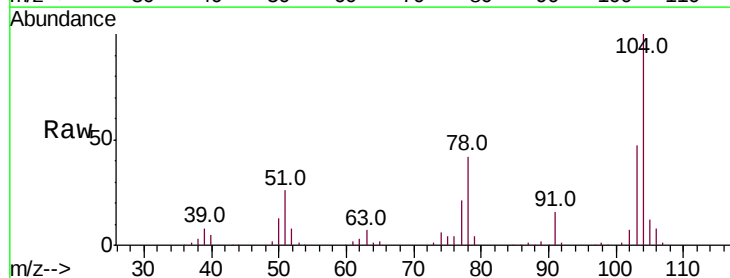


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

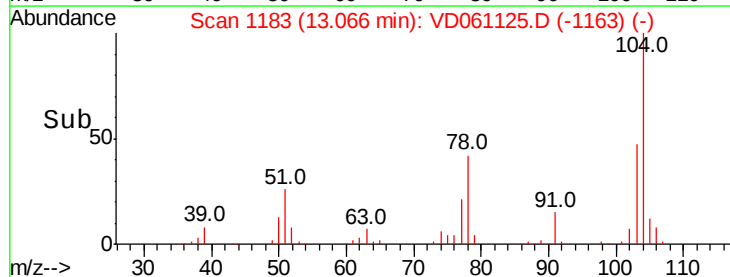
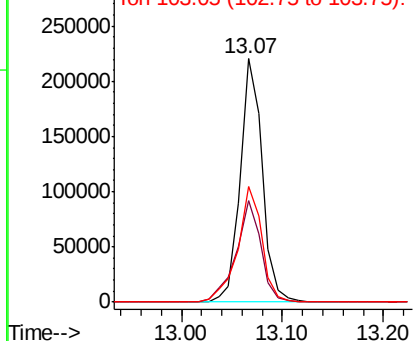


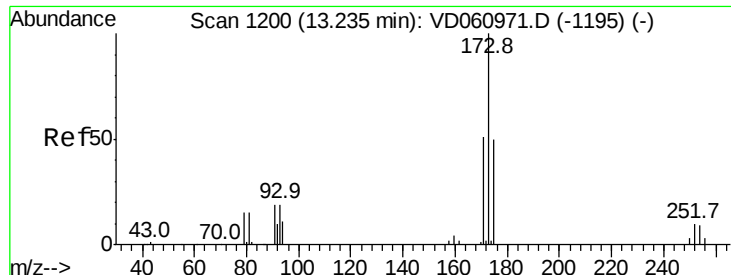
#70
Styrene
Concen: 21.441 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

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

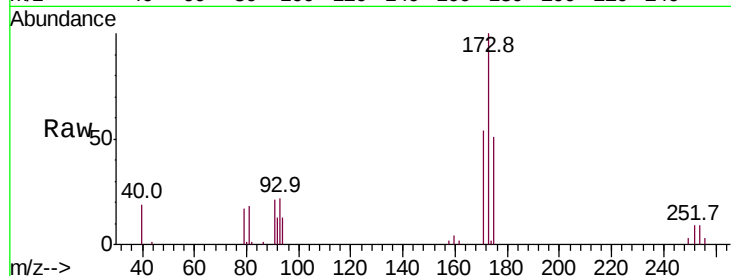
Tot Ion:173 Resp: 88812

Ion Ratio Lower Upper

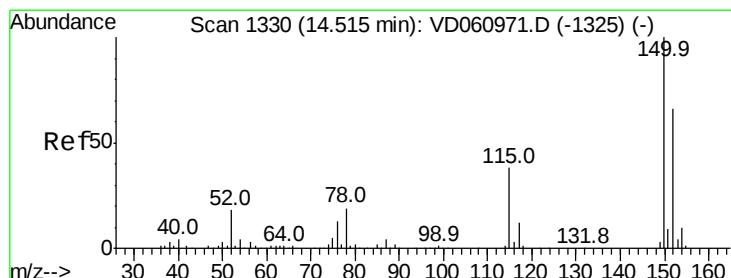
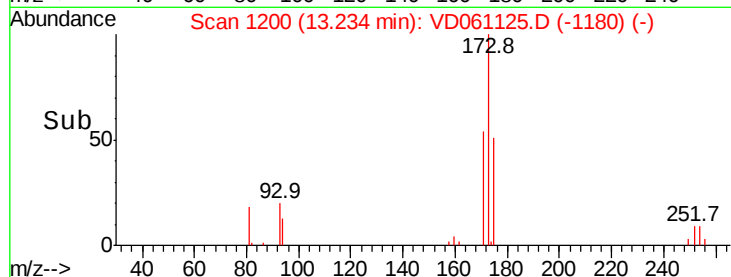
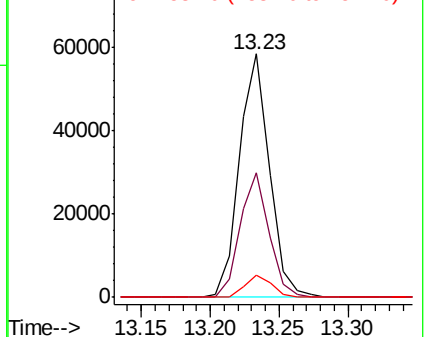
173 100

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

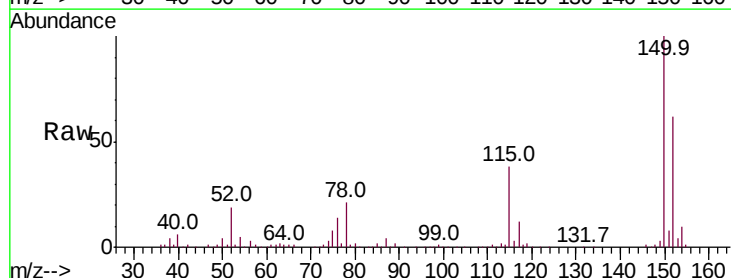
Tgt Ion:152 Resp: 372155

Ion Ratio Lower Upper

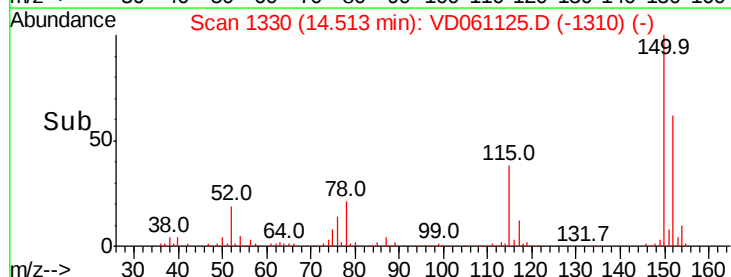
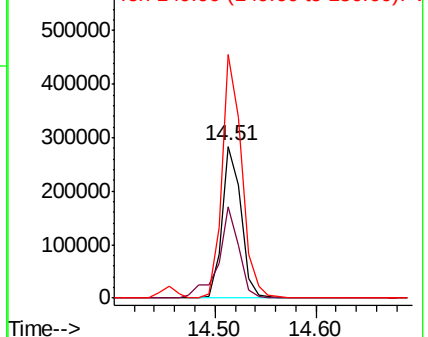
152 100

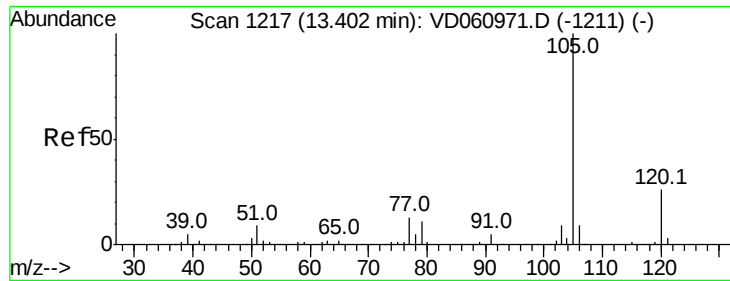
115 60.3 28.6 85.9

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

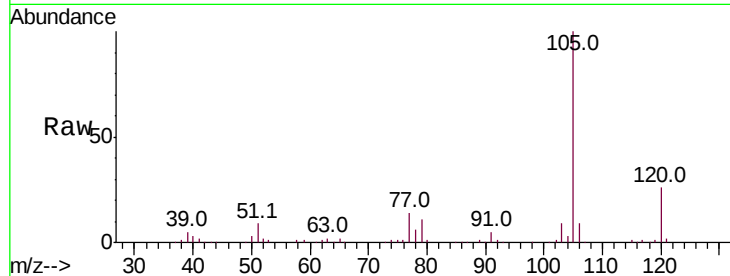
Acq: 17 Mar 2019 00:21

Tot Ion:105 Resp: 589778

Ion Ratio Lower Upper

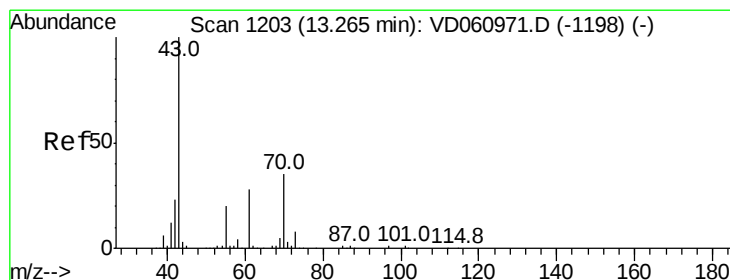
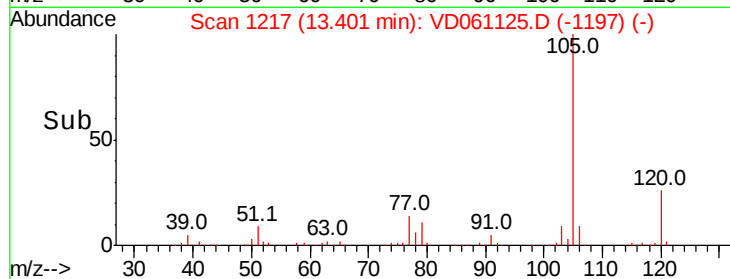
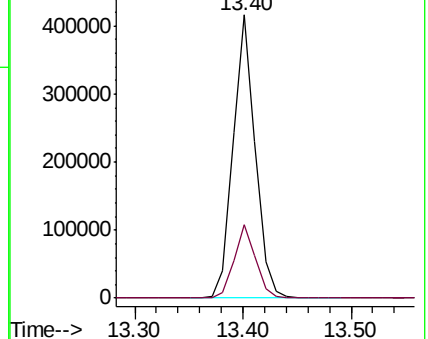
105 100

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

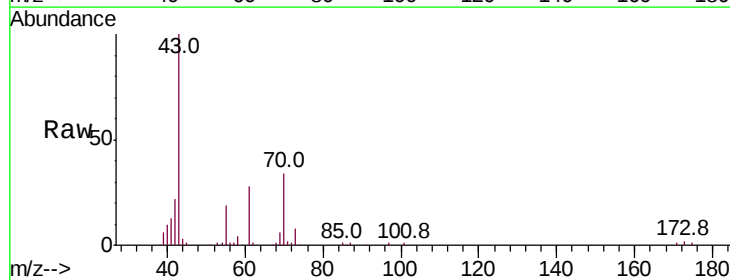
Ion Ratio Lower Upper

43 100

70 33.9 27.7 41.5

55 19.0 16.2 24.2

61 28.2 22.3 33.5

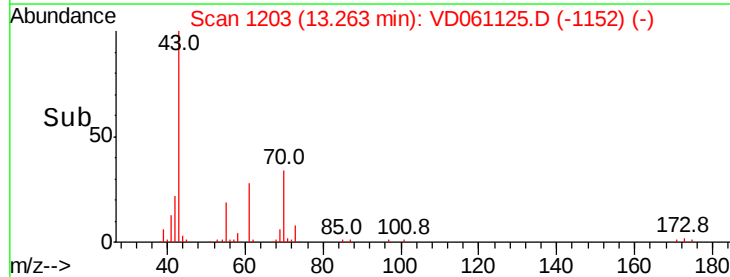
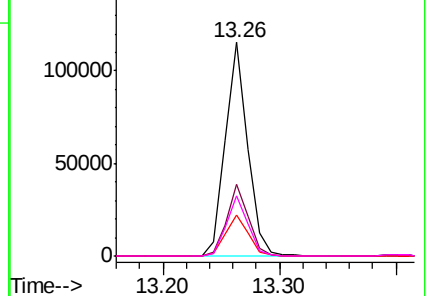


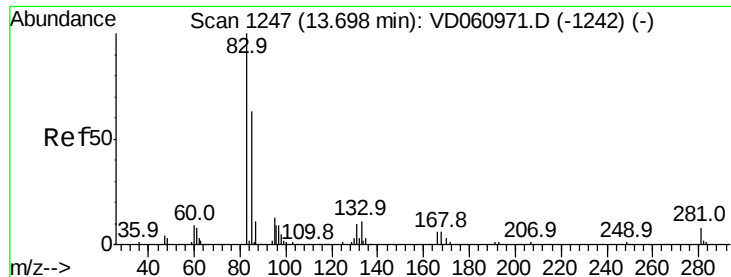
Abundance Ion 42.95 (42.65 to 43.65): V

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

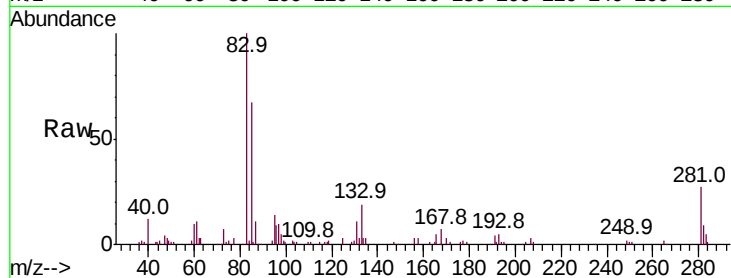
Tot Ion: 83 Resp: 116113

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.3
85	66.8	31.5	94.5

83 100

131 10.8 5.1 15.3

85 66.8 31.5 94.5



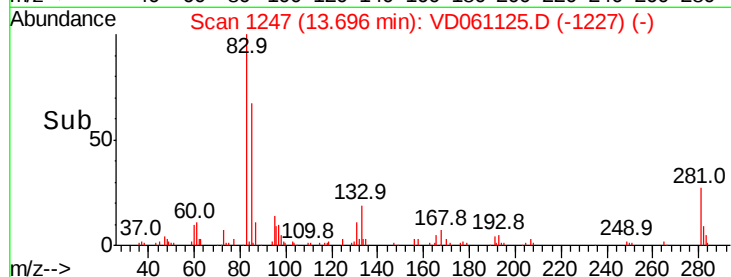
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

13.70

Time-->



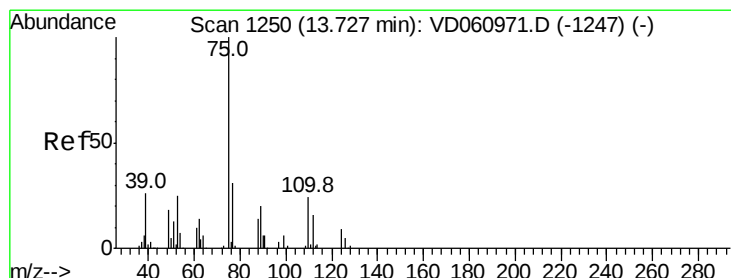
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

13.70

Time-->



#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

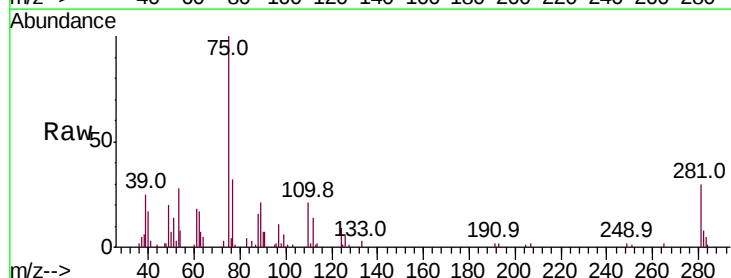
Acq: 17 Mar 2019 00:21

Tgt Ion: 75 Resp: 122725

Ion	Ratio	Lower	Upper
75	100		
77	31.6	16.6	49.7

75 100

77 31.6 16.6 49.7

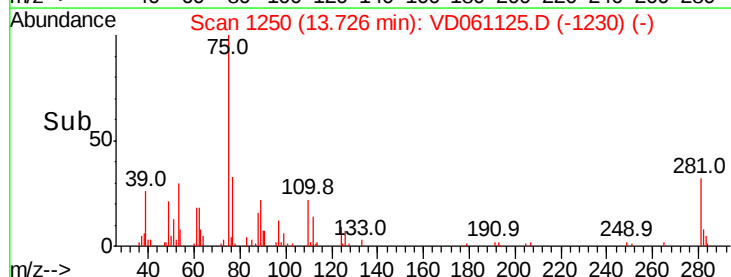


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

13.73

Time-->

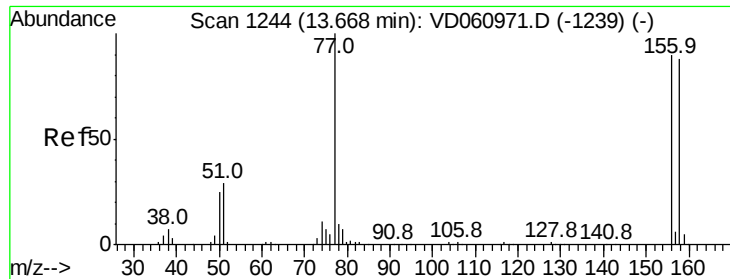


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

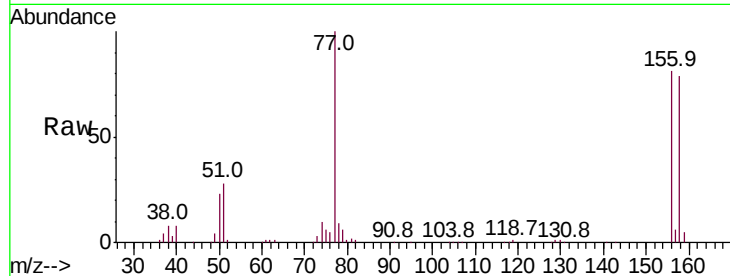
13.73

Time-->

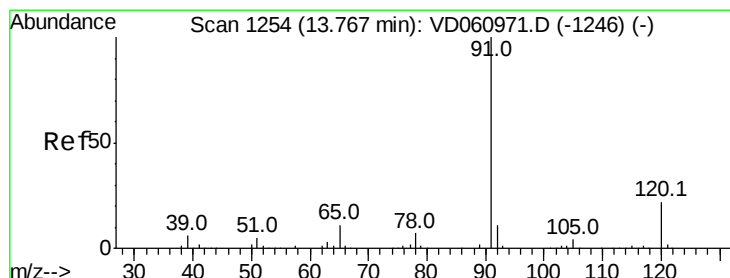
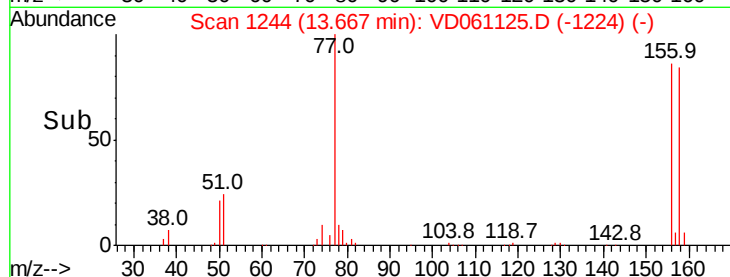
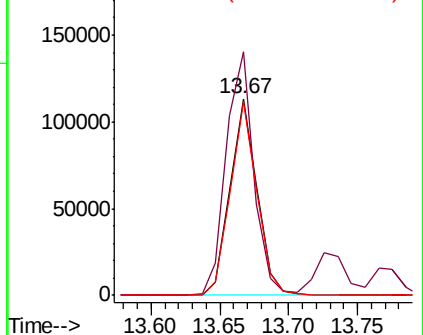


#77
Bromobenzene
Concen: 22.545 ug/l
RT: 13.67 min Scan# 1244
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tot Ion:156 Resp: 154355
Ion Ratio Lower Upper
156 100
77 123.7 55.5 166.7
158 98.3 49.0 147.0

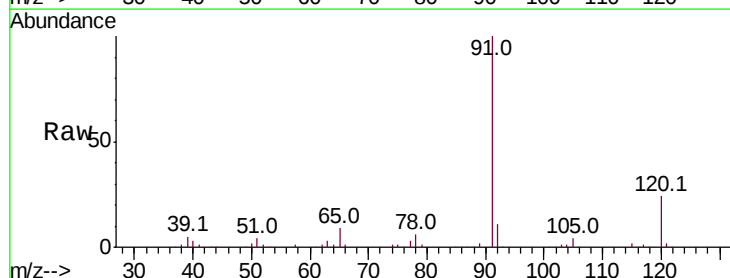


Abundance Ion 155.90 (155.60 to 156.60): V
Ion 76.95 (76.65 to 77.65): V
Ion 157.85 (157.55 to 158.55): V

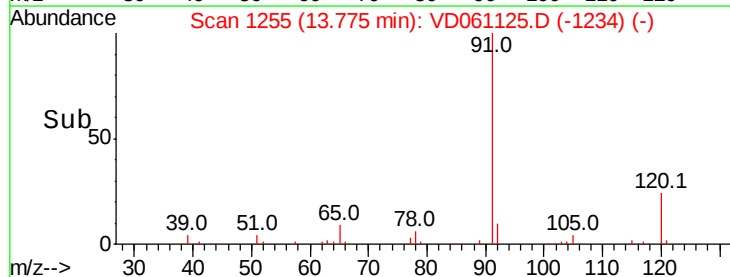
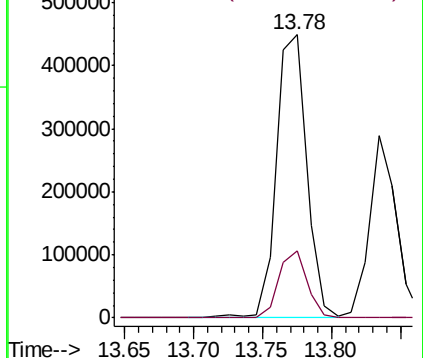


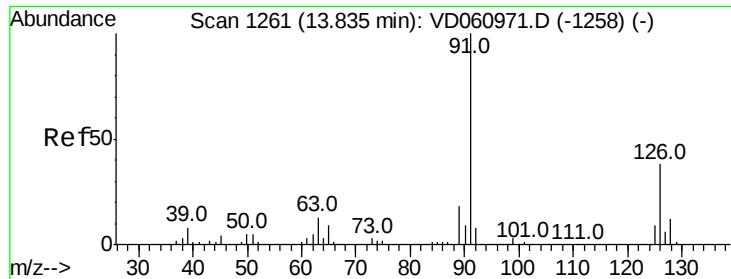
#78
n-propylbenzene
Concen: 21.698 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

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

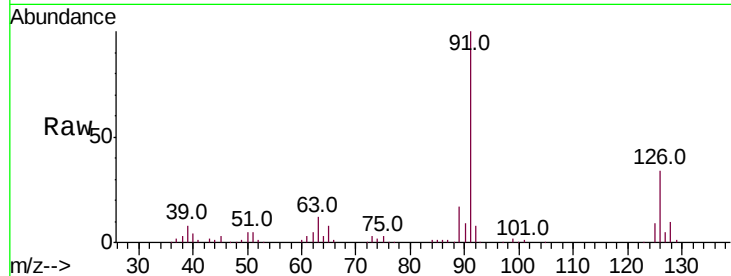
Acq: 17 Mar 2019 00:21

Tot Ion: 91 Resp: 388700

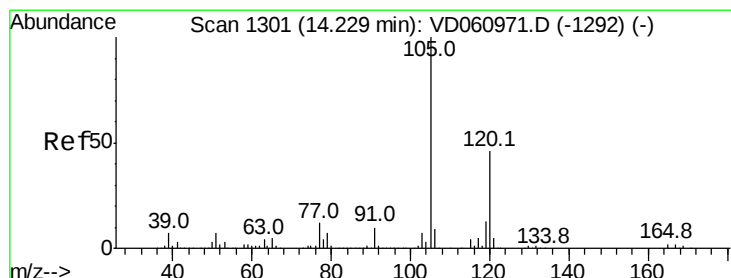
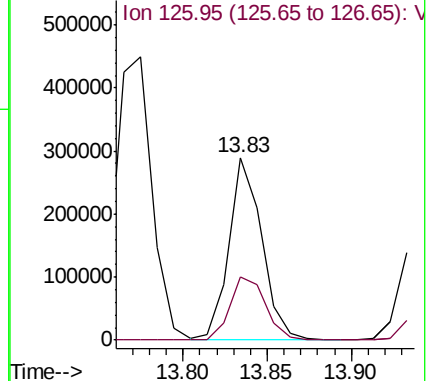
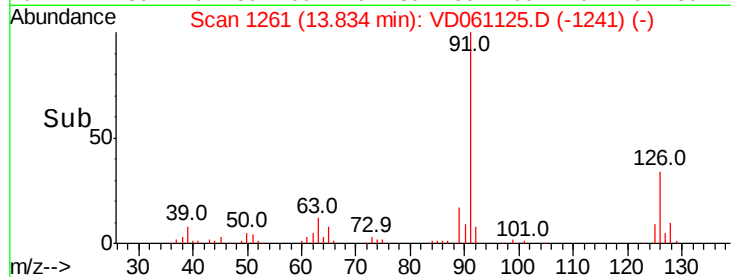
Ion Ratio Lower Upper

91 100

126 34.4 18.6 55.6



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



#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

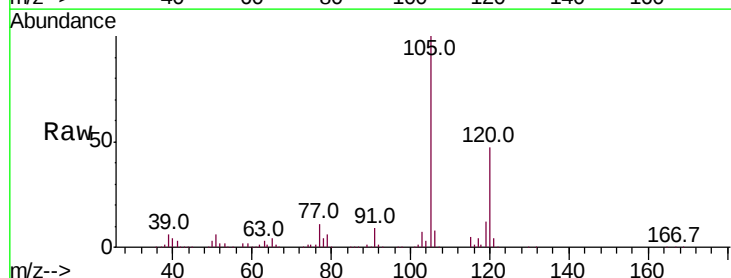
Acq: 17 Mar 2019 00:21

Tgt Ion:105 Resp: 459416

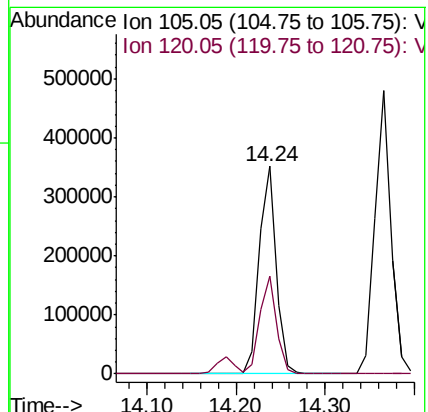
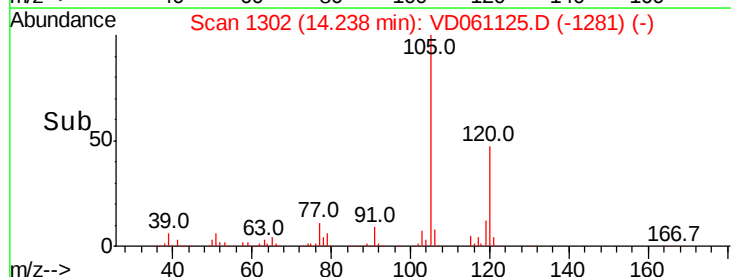
Ion Ratio Lower Upper

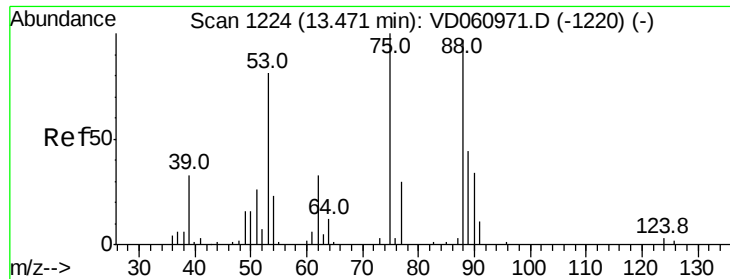
105 100

120 47.4 22.9 68.5



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





#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

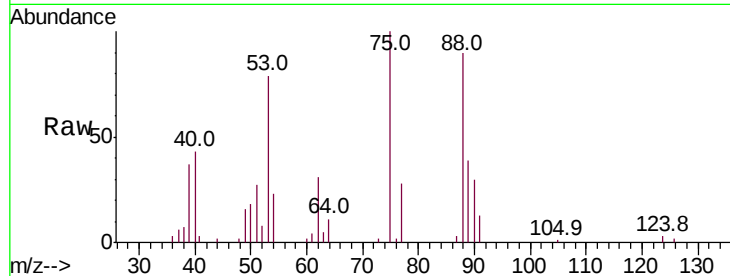
Tot Ion: 75 Resp: 33952

Ion Ratio Lower Upper

75 100

53 79.5 64.4 96.6

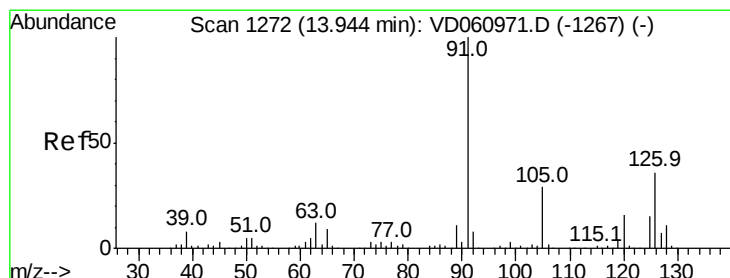
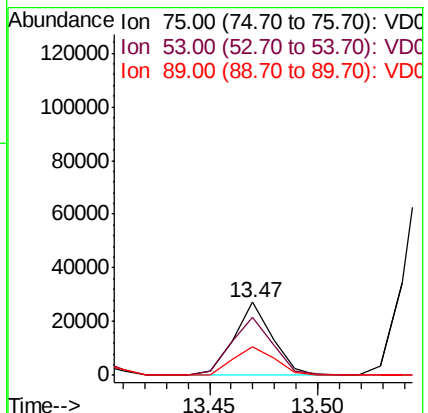
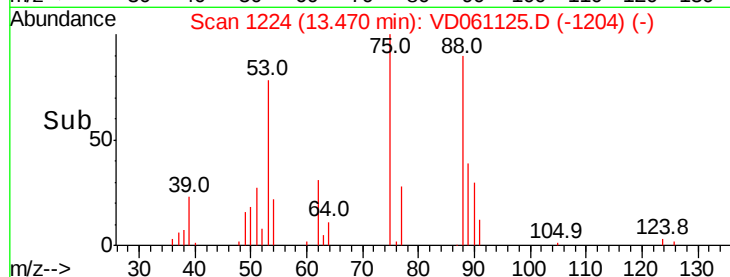
89 38.8 34.8 52.2



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

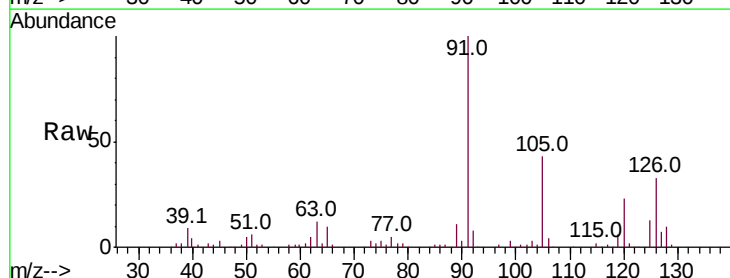
Acq: 17 Mar 2019 00:21

Tgt Ion: 91 Resp: 419078

Ion Ratio Lower Upper

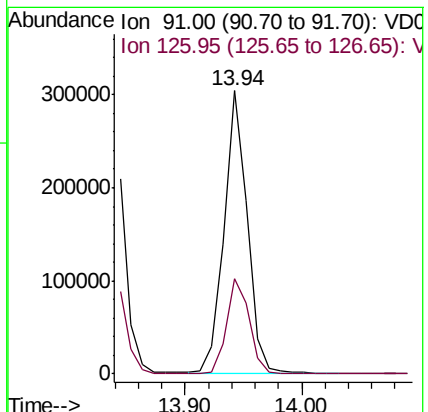
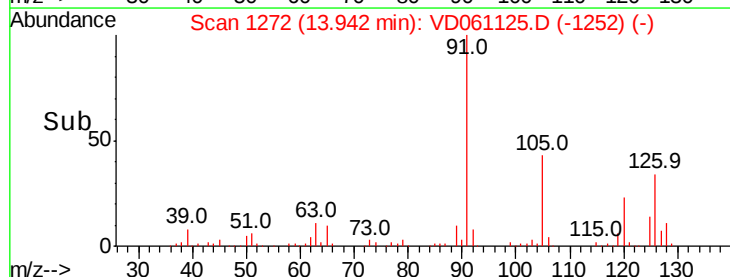
91 100

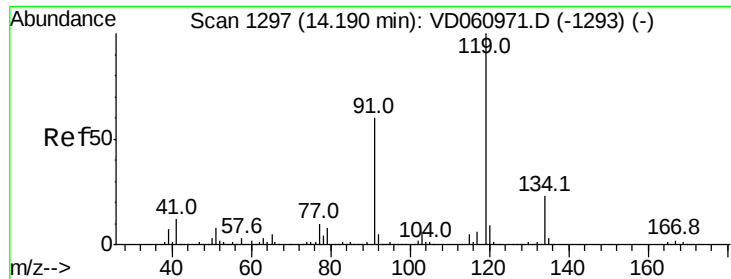
126 33.5 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

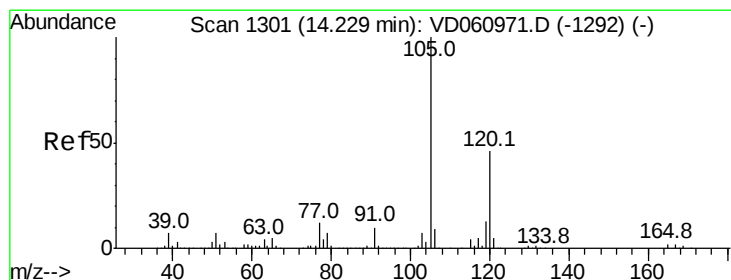
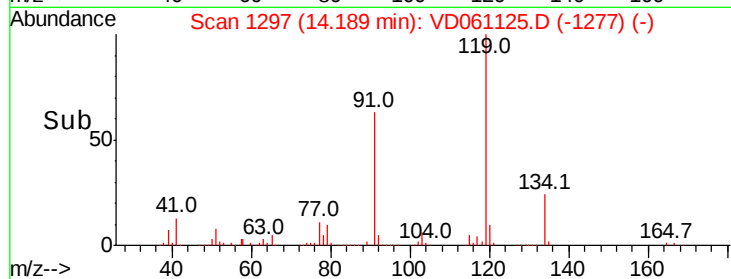
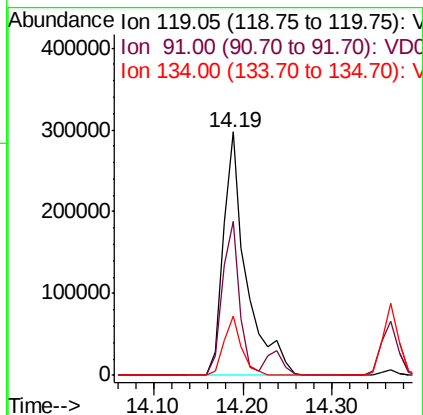
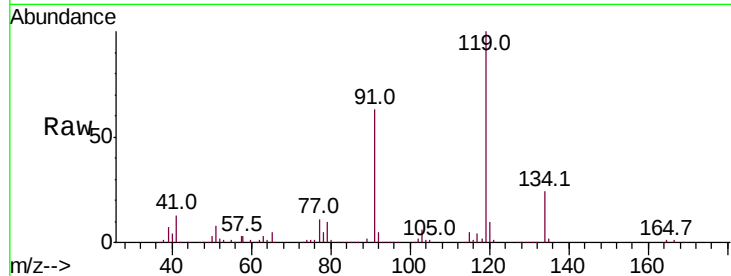
Ion 125.95 (125.65 to 126.65): V





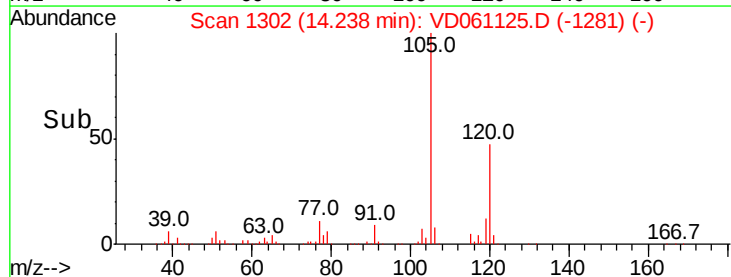
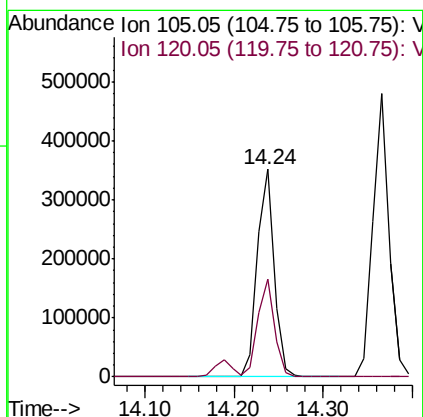
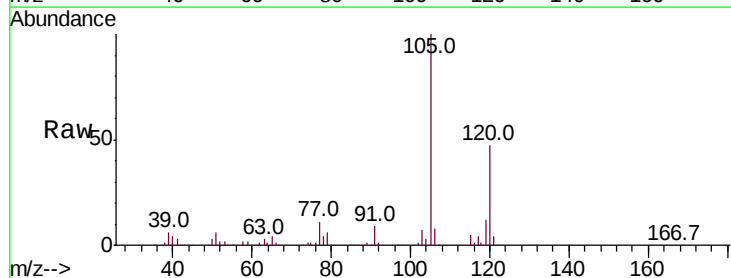
#83
 tert-Butylbenzene
 Concen: 24.128 ug/l
 RT: 14.19 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

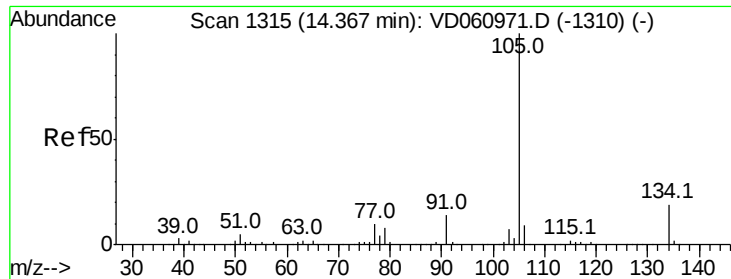
Tot Ion:	119	Resp:	537649
Ion	Ratio	Lower	Upper
119	100		
91	63.5	30.1	90.3
134	24.3	11.6	34.7



#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

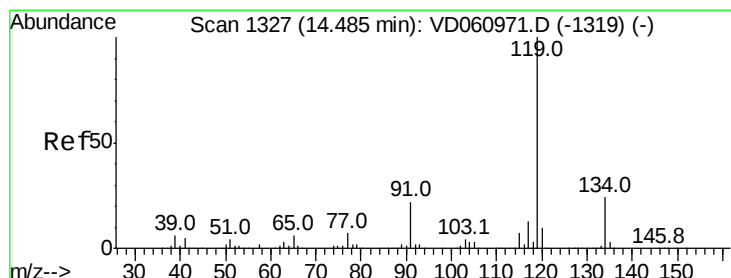
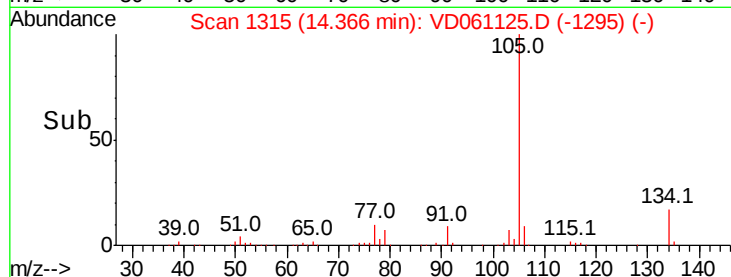
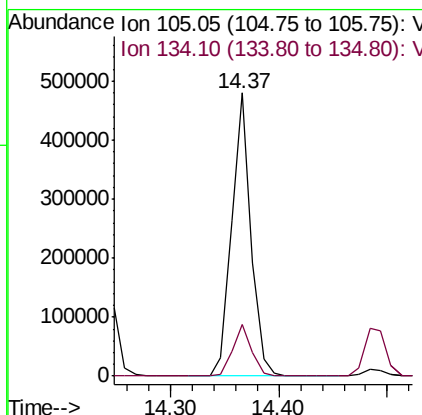
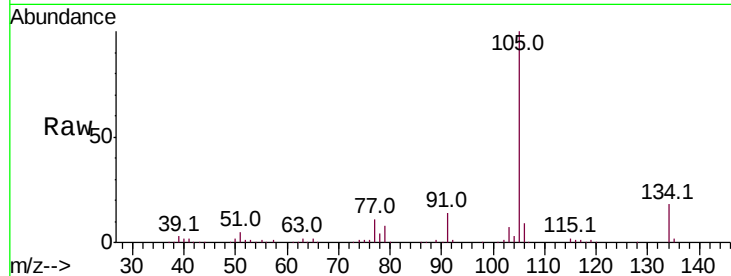
Tgt Ion:	105	Resp:	459416
Ion	Ratio	Lower	Upper
105	100		
120	47.4	22.9	68.5





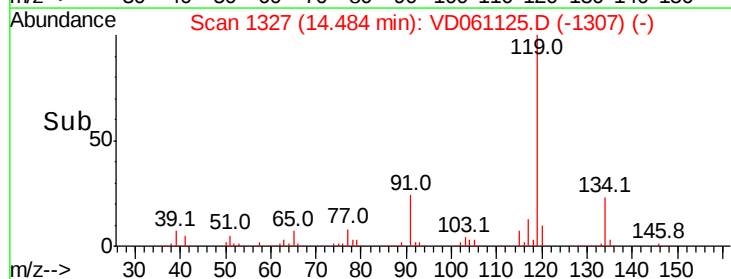
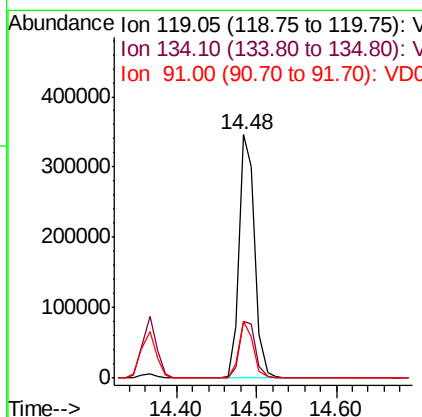
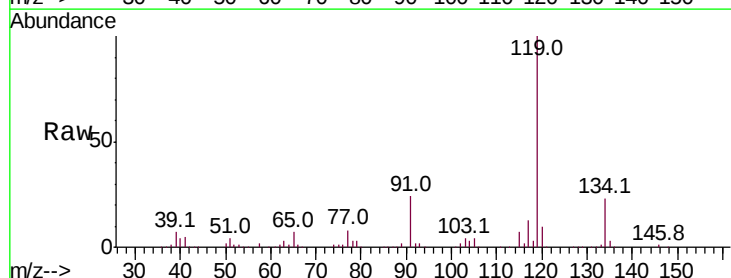
#85
 sec-Butylbenzene
 Concen: 21.846 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

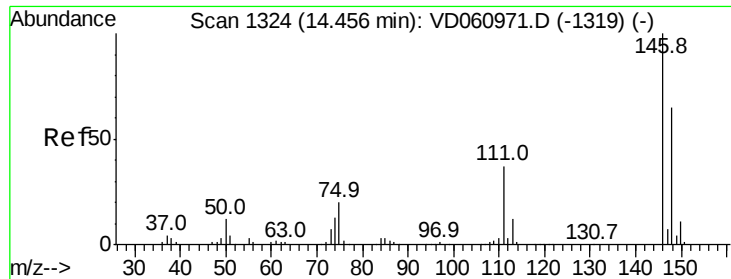
Tot Ion:105 Resp: 594283
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.4 28.2



#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

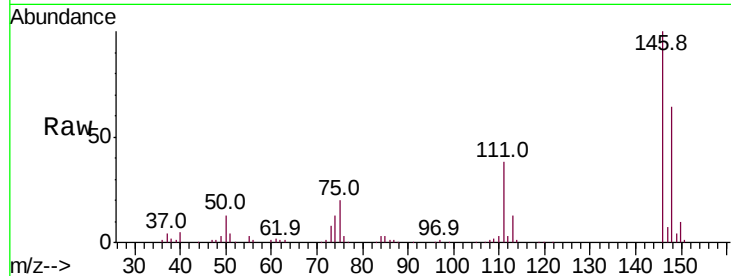
Tgt Ion:119 Resp: 473708
 Ion Ratio Lower Upper
 119 100
 134 23.4 12.0 36.1
 91 23.5 11.2 33.6



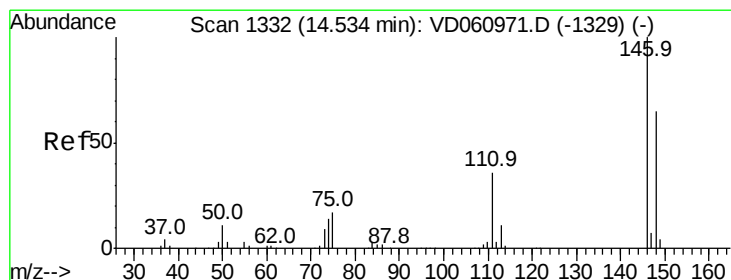
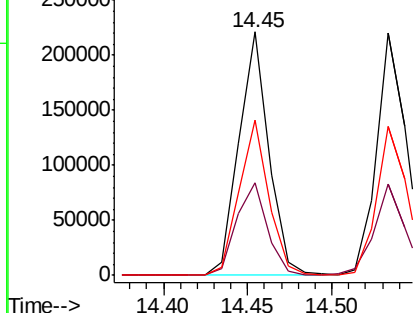
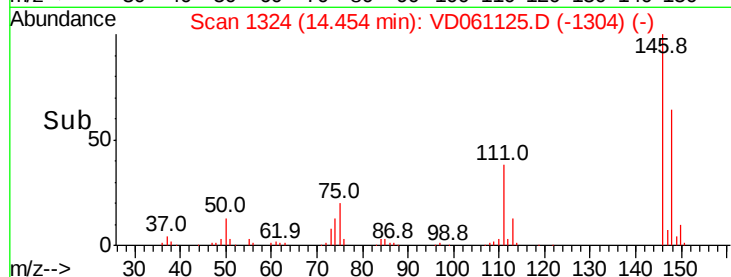


#87
 1,3-Dichlorobenzene
 Concen: 22.291 ug/l
 RT: 14.45 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

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

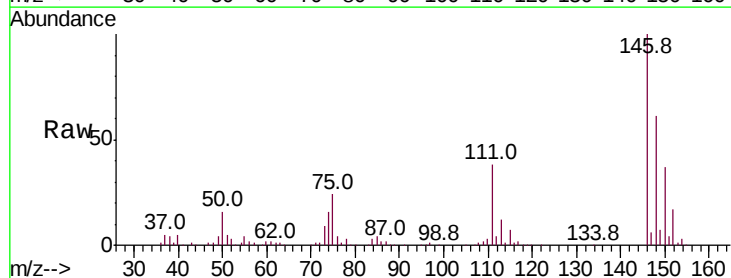


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

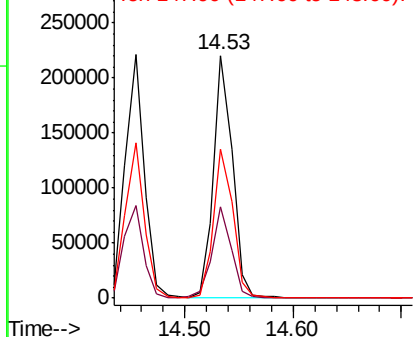
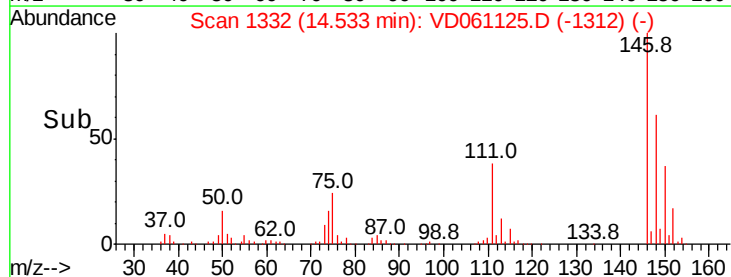


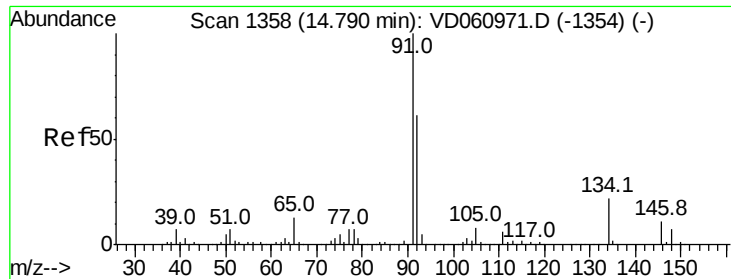
#88
 1,4-Dichlorobenzene
 Concen: 22.422 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

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



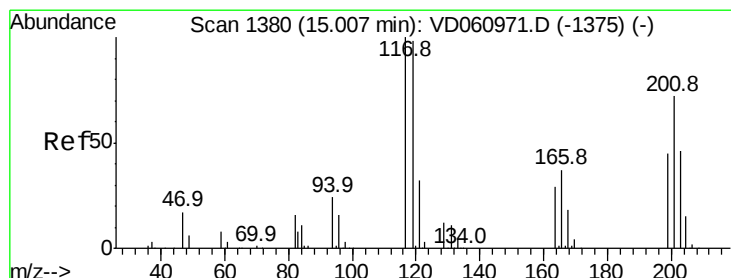
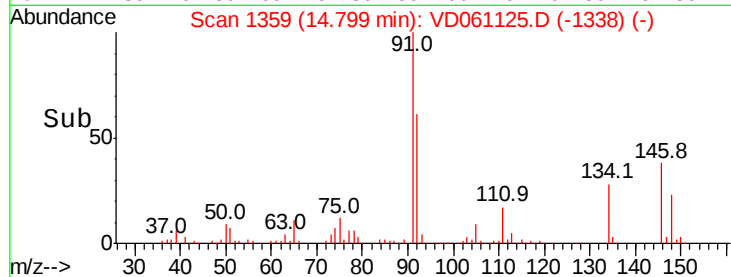
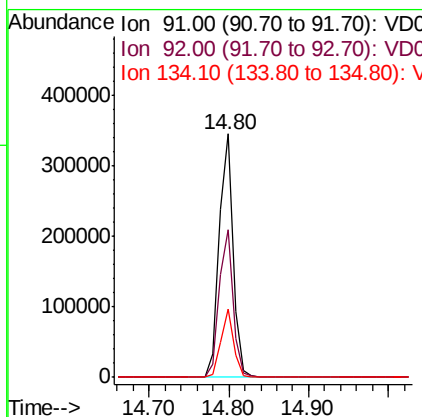
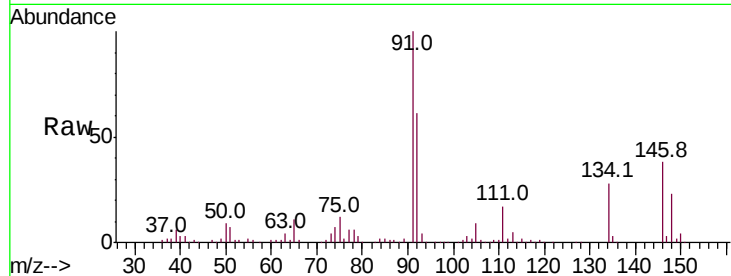
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





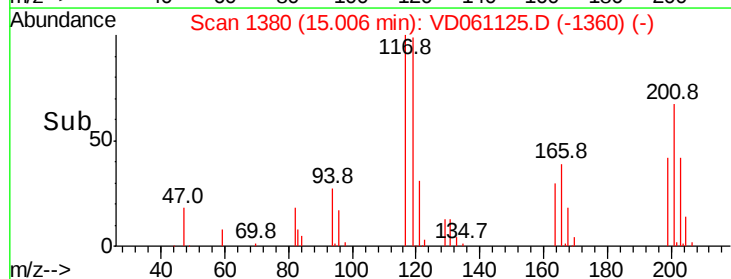
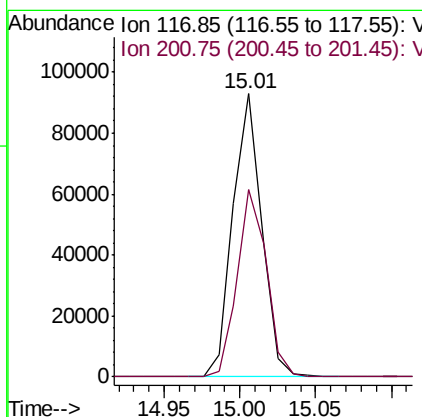
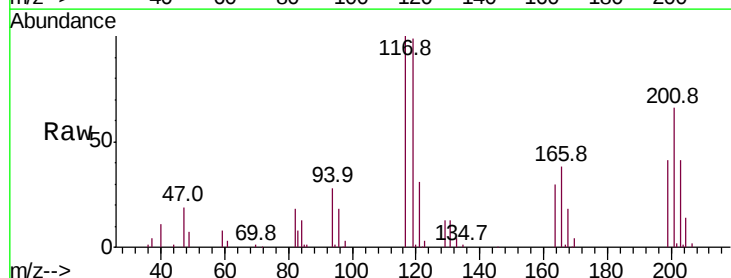
#89
n-Butylbenzene
Concen: 20.166 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

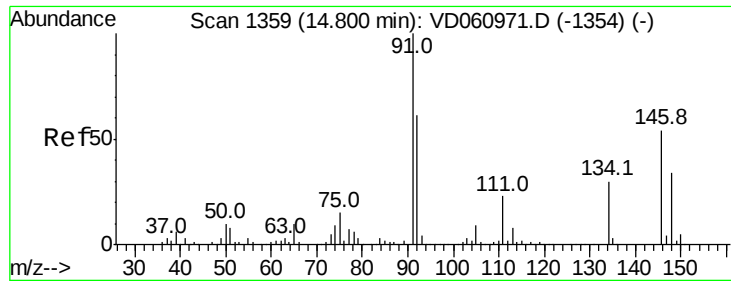
Tot Ion: 91 Resp: 430605
Ion Ratio Lower Upper
91 100
92 60.5 30.6 91.8
134 28.1 11.0 33.0



#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

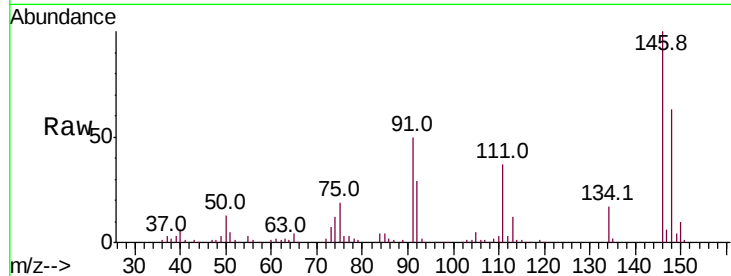
Tgt Ion: 117 Resp: 122967
Ion Ratio Lower Upper
117 100
201 66.3 36.2 108.6



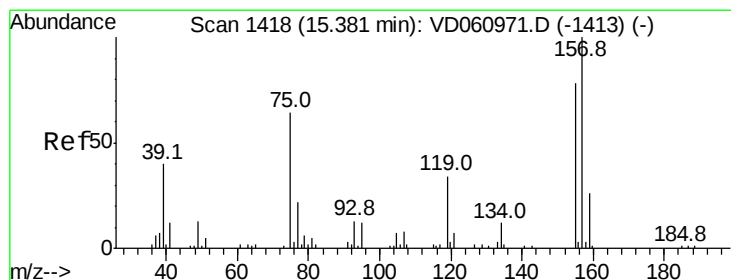
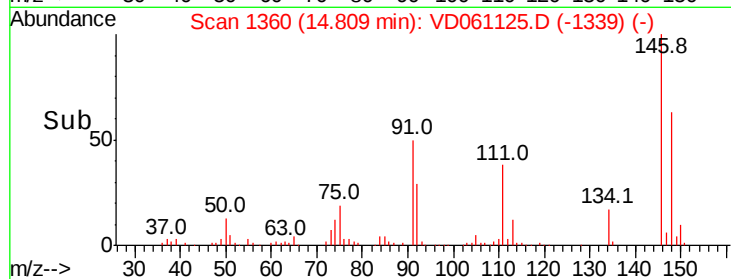
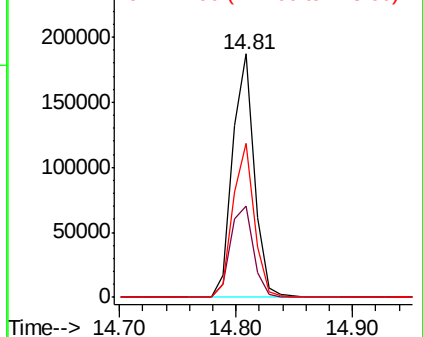


#91
 1,2-Dichlorobenzene
 Concen: 23.690 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

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

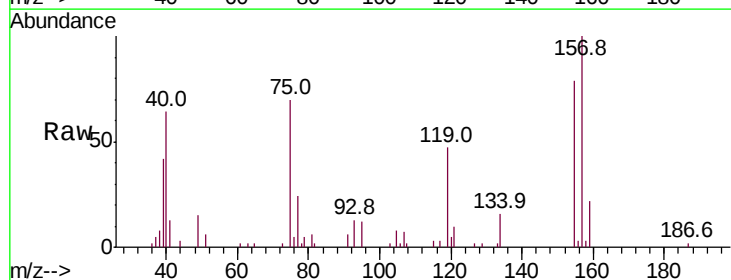


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

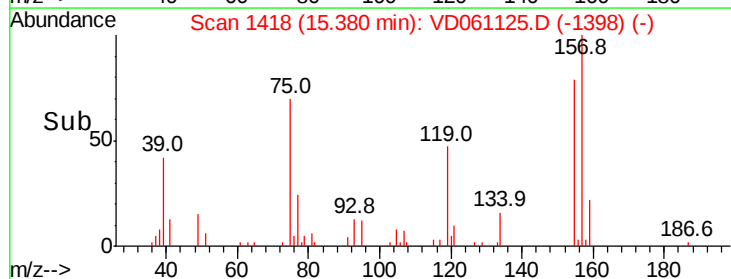
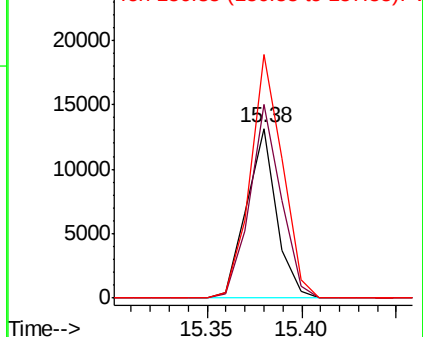


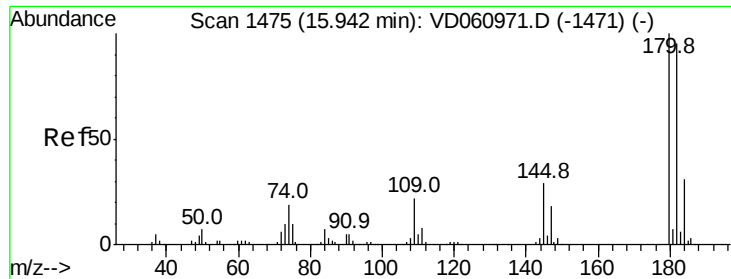
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.888 ug/l
 RT: 15.38 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

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



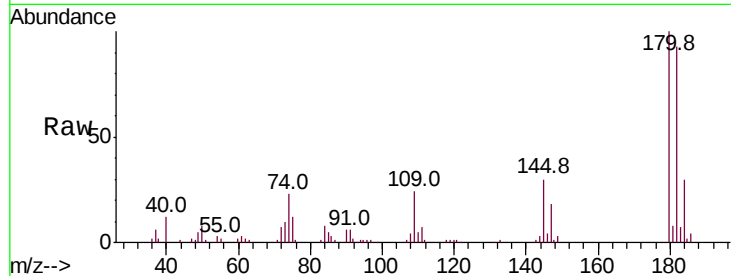
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



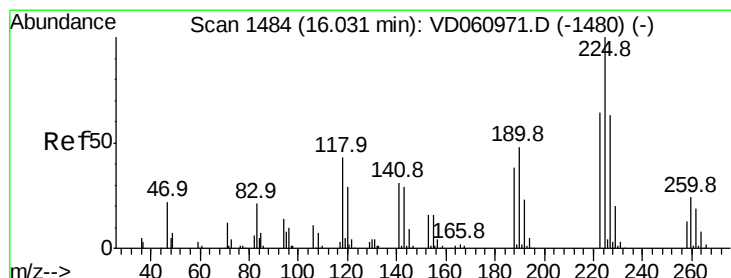
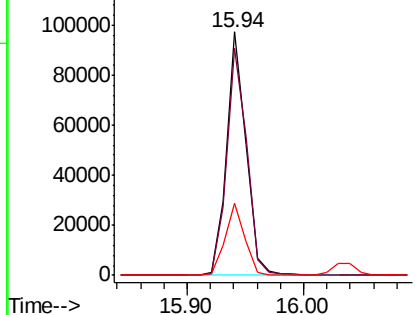
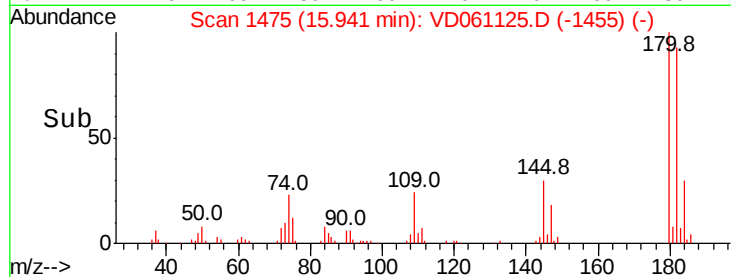


#93
 1,2,4-Trichlorobenzene
 Concen: 23.783 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

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

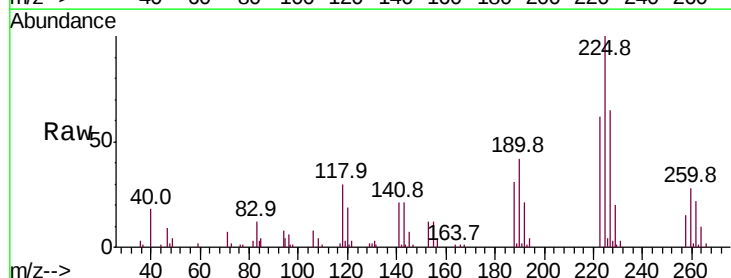


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

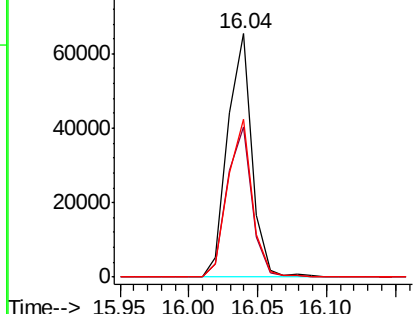
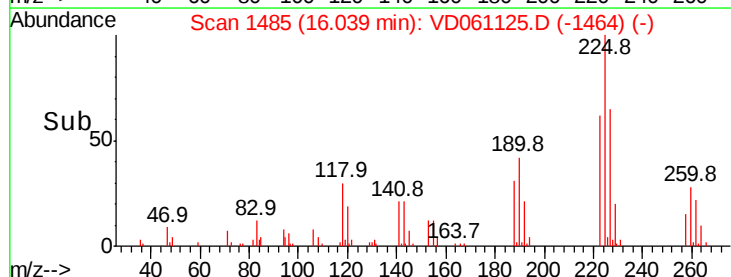


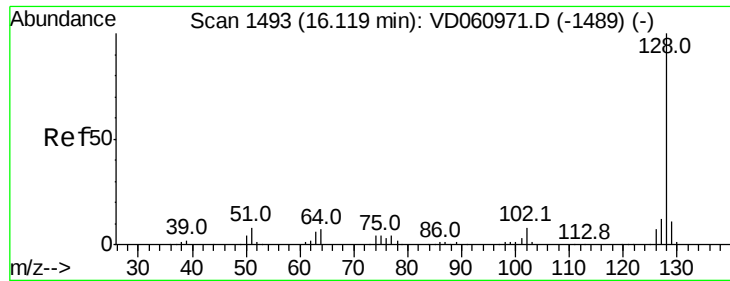
#94
 Hexachlorobutadiene
 Concen: 22.251 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: VD061125.D
 Acq: 17 Mar 2019 00:21

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



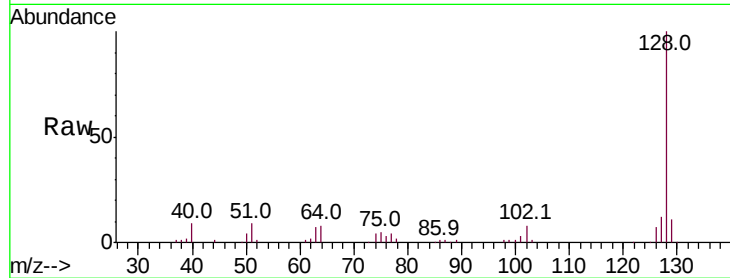
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V



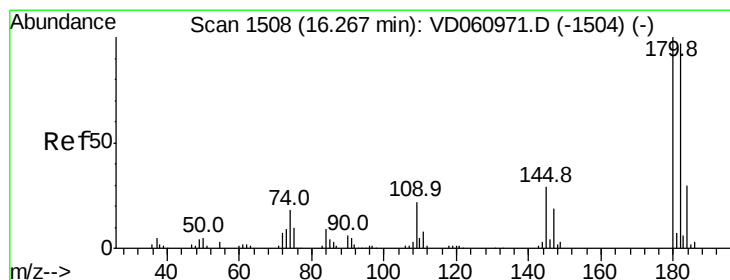
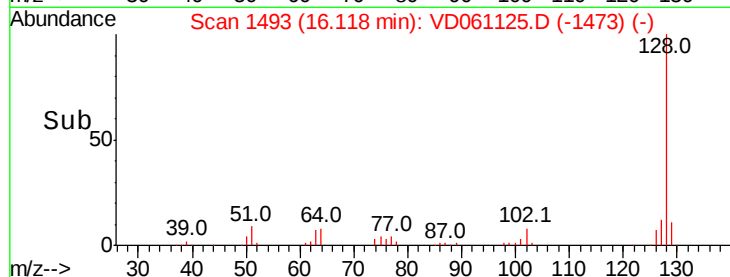
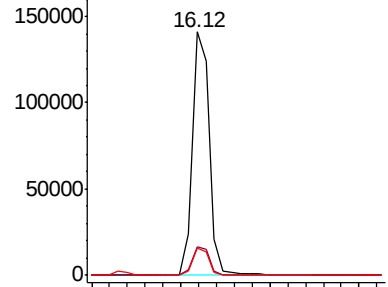


#95
Naphthalene
Concen: 26.223 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD061125.D
Acq: 17 Mar 2019 00:21

Tot Ion:128 Resp: 188403
Ion Ratio Lower Upper
128 100
127 12.0 9.8 14.8
129 11.4 8.5 12.7

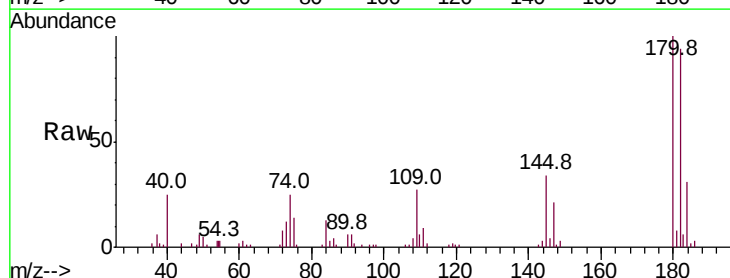


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#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

