

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061105.D
 Acq On : 16 Mar 2019 13:19
 Operator : VA/AP
 Sample : VD0316SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 04:10:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	673771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1194950	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	905004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	406262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	264723	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	6.93	113	415193	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.42	98	992370	44.56	ug/l	0.02
Spiked Amount	50.000		Recovery	=	89.12%	
62) 4-Bromofluorobenzene	13.56	95	379238	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	116781	17.498	ug/l	96
3) Chloromethane	1.76	50	102679	18.468	ug/l	98
4) Vinyl Chloride	1.85	62	95221	18.535	ug/l	95
5) Bromomethane	2.15	94	14735	13.693	ug/l	99
6) Chloroethane	2.26	64	28511	18.541	ug/l #	85
7) Trichlorofluoromethane	2.53	101	129170	17.502	ug/l	98
8) Diethyl Ether	2.88	74	46523	19.109	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.15	101	146133	17.711	ug/l	98
10) Methyl Iodide	3.31	142	186755	18.405	ug/l	99
11) Tert butyl alcohol	4.07	59	33929	95.029	ug/l #	90
12) 1,1-Dichloroethene	3.13	96	122684	18.140	ug/l	99
13) Acrolein	3.04	56	38915	75.329	ug/l	97
14) Allyl chloride	3.63	41	185960	17.185	ug/l	100
15) Acrylonitrile	4.20	53	120866	95.782	ug/l	94
16) Acetone	3.22	43	141926	88.496	ug/l	97
17) Carbon Disulfide	3.38	76	381424	16.718	ug/l	99
18) Methyl Acetate	3.65	43	50842	16.109	ug/l #	86
19) Methyl tert-butyl Ether	4.25	73	228228	19.255	ug/l	97
20) Methylene Chloride	3.82	84	140457	16.040	ug/l	95
21) trans-1,2-Dichloroethene	4.23	96	137223	18.745	ug/l	95
22) Diisopropyl ether	5.12	45	414205	18.439	ug/l	98
23) Vinyl Acetate	5.06	43	1156080	100.252	ug/l	100
24) 1,1-Dichloroethane	4.99	63	225832	18.348	ug/l	97
25) 2-Butanone	6.08	43	174975	96.149	ug/l	97
26) 2,2-Dichloropropane	6.03	77	181196	18.858	ug/l	96
27) cis-1,2-Dichloroethene	6.05	96	151647	19.525	ug/l	98
28) Bromochloromethane	6.45	49	90069	17.286	ug/l	98
29) Tetrahydrofuran	6.46	42	88796	89.859	ug/l	98
30) Chloroform	6.68	83	228202	17.890	ug/l	96
31) Cyclohexane	6.96	56	188081	18.952	ug/l	94
32) 1,1,1-Trichloroethane	6.87	97	202836	18.392	ug/l	98
36) 1,1-Dichloropropene	7.15	75	181464	17.617	ug/l	97
37) Ethyl Acetate	6.19	43	82618	17.093	ug/l	97
38) Carbon Tetrachloride	7.12	117	203434	17.930	ug/l	98

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 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 04:10:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	8.87	83	190563	17.842	ug/l	98
40) Benzene	7.47	78	459083	17.837	ug/l	98
41) Methacrylonitrile	6.46	41	93627m	16.840	ug/l	
42) 1,2-Dichloroethane	7.58	62	131657	17.627	ug/l	99
43) Isopropyl Acetate	9.25	43	115487	17.251	ug/l #	99
44) Trichloroethene	8.55	130	159680	17.983	ug/l	98
45) 1,2-Dichloropropane	8.94	63	119089	17.612	ug/l	99
46) Dibromomethane	9.07	93	74856	17.452	ug/l	99
47) Bromodichloromethane	9.39	83	165103	17.058	ug/l	98
48) Methyl methacrylate	9.12	41	62951	16.701	ug/l	95
49) 1,4-Dioxane	9.09	88	13494	354.036	ug/l #	89
51) 4-Methyl-2-Pentanone	10.31	43	362729	88.442	ug/l	97
52) Toluene	10.52	92	282067	17.624	ug/l	97
53) t-1,3-Dichloropropene	10.92	75	155516	17.571	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	186300	17.519	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	92011	17.263	ug/l	98
56) Ethyl methacrylate	11.05	69	100337	17.985	ug/l	98
57) 1,3-Dichloropropane	11.41	76	147601	18.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.87	63	249249	84.404	ug/l	99
59) 2-Hexanone	11.53	43	281529	93.840	ug/l	99
60) Dibromochloromethane	11.69	129	145308	18.524	ug/l	100
61) 1,2-Dibromoethane	11.81	107	115156	18.573	ug/l	99
64) Tetrachloroethene	11.27	164	116637	19.092	ug/l	98
65) Chlorobenzene	12.41	112	371394	20.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	132972	21.026	ug/l	97
67) Ethyl Benzene	12.53	91	543828	20.589	ug/l	98
68) m/p-Xylenes	12.67	106	415910	40.118	ug/l	98
69) o-Xylene	13.06	106	197904	19.421	ug/l	100
70) Styrene	13.08	104	323310	19.430	ug/l	100
71) Bromoform	13.23	173	83606	20.493	ug/l #	98
73) Isopropylbenzene	13.40	105	577917	19.739	ug/l	99
74) N-amyl acetate	13.26	43	151366	18.360	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.71	83	105847	18.529	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	114993	19.674	ug/l	98
77) Bromobenzene	13.68	156	143659	19.221	ug/l	97
78) n-propylbenzene	13.78	91	665312	19.410	ug/l	98
79) 2-Chlorotoluene	13.84	91	369255	19.568	ug/l	99
80) 1,3,5-Trimethylbenzene	14.24	105	412566	18.561	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	30391	17.637	ug/l	92
82) 4-Chlorotoluene	13.95	91	416005	18.648	ug/l	98
83) tert-Butylbenzene	14.19	119	498525	20.494	ug/l	93
84) 1,2,4-Trimethylbenzene	14.24	105	412566	18.561	ug/l	100
85) sec-Butylbenzene	14.37	105	566181	19.066	ug/l	96
86) p-Isopropyltoluene	14.49	119	475781	19.601	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	262526	19.671	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	267868	20.425	ug/l	97
89) n-Butylbenzene	14.80	91	435511	18.683	ug/l	98
90) Hexachloroethane	15.01	117	127982	18.672	ug/l	71
91) 1,2-Dichlorobenzene	14.81	146	217629	19.561	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	13412	19.484	ug/l	59

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Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

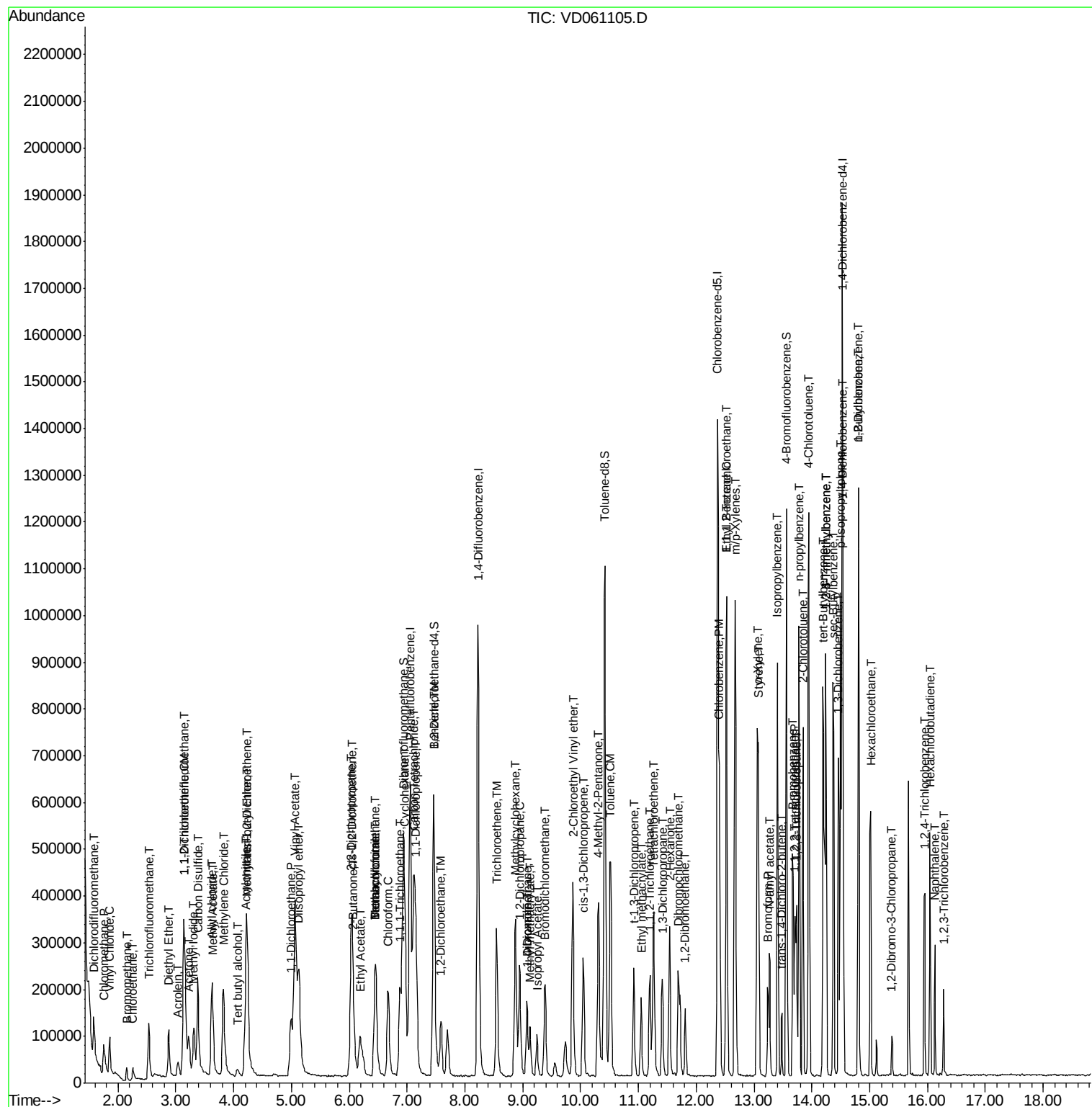
Quant Time: Mar 18 04:10:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
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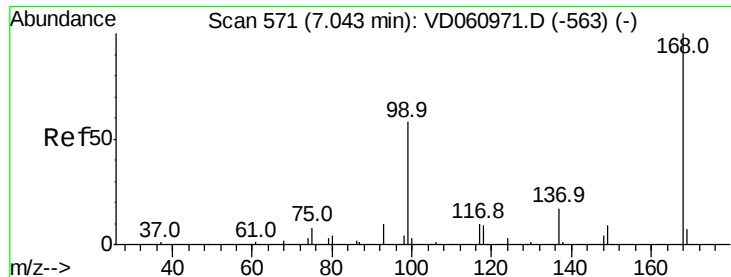
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	113178	21.928	ug/l	96
94) Hexachlorobutadiene	16.04	225	78301	20.057	ug/l	97
95) Naphthalene	16.13	128	170387	21.724	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	49055	19.244	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061105.D

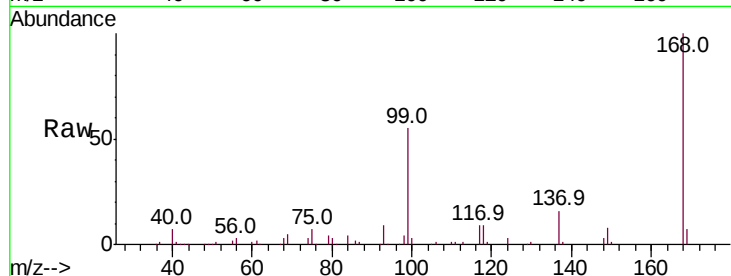
Acq: 16 Mar 2019 13:19

Tot Ion:168 Resp: 673771

Ion Ratio Lower Upper

168 100

99 54.6 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

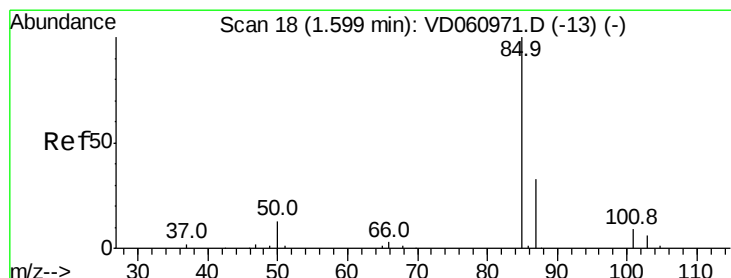
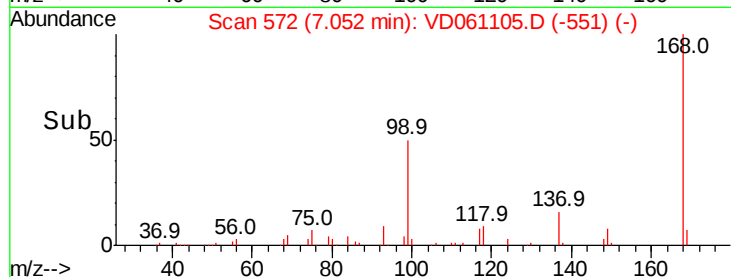
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 17.498 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.02 min

Lab File: VD061105.D

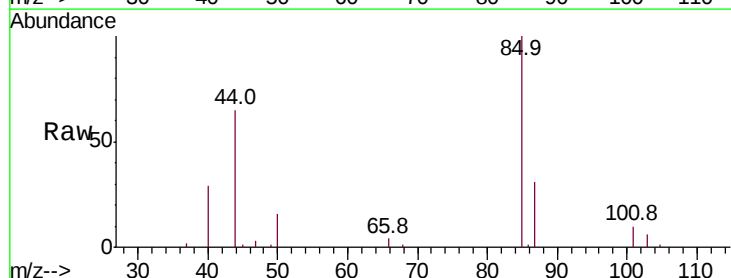
Acq: 16 Mar 2019 13:19

Tgt Ion: 85 Resp: 116781

Ion Ratio Lower Upper

85 100

87 30.7 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

60000

50000

40000

30000

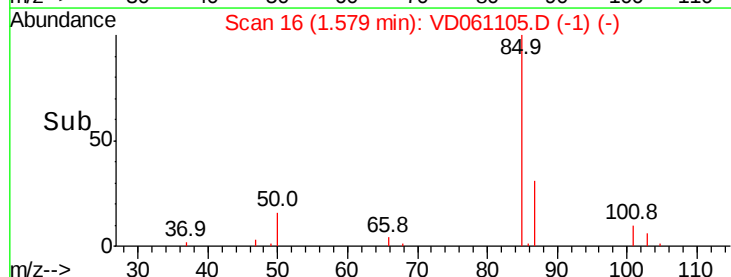
20000

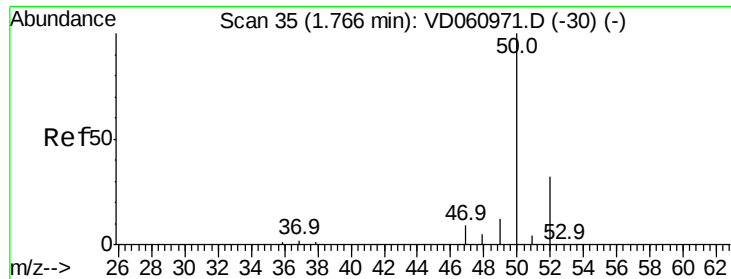
10000

0

1.50 1.60 1.70 1.80

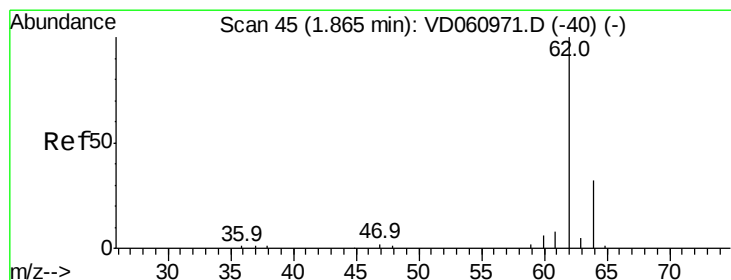
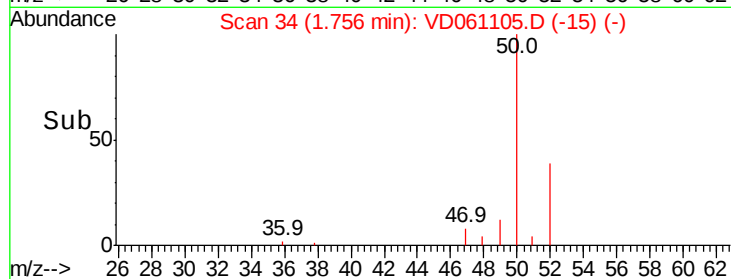
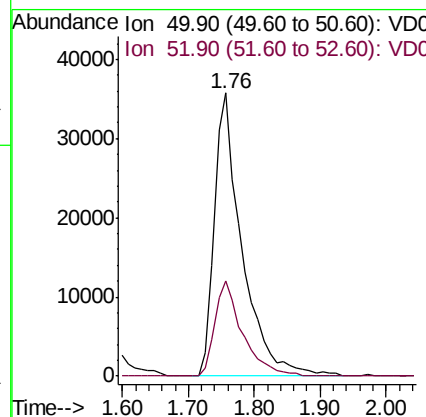
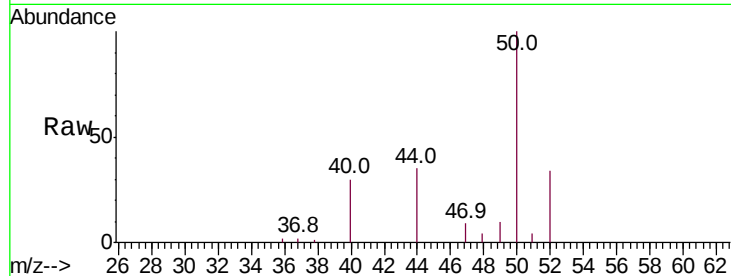
Time-->





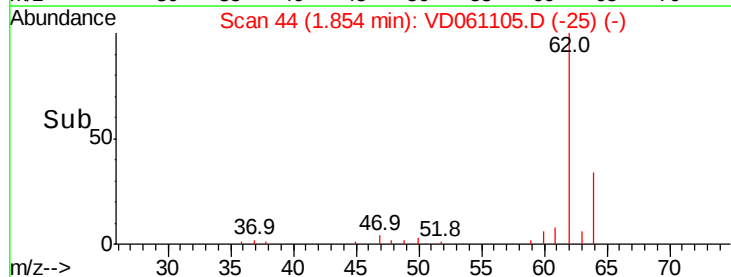
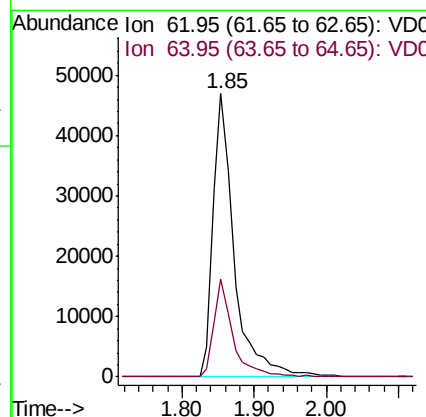
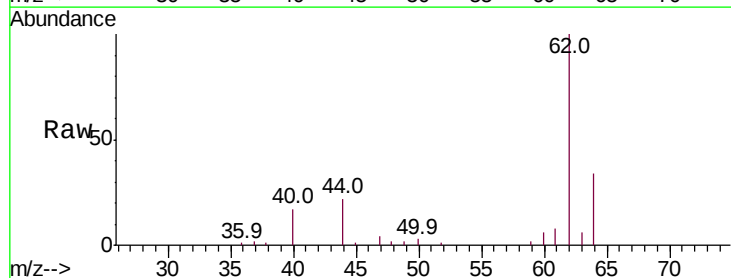
#3
Chloromethane
Concen: 18.468 ug/l
RT: 1.76 min Scan# 34
Delta R.T. -0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

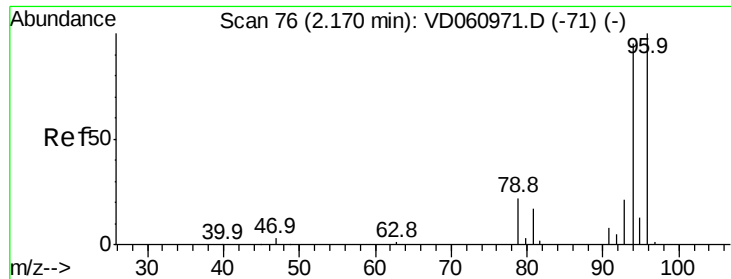
Tot Ion: 50 Resp: 102679
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.8



#4
Vinyl Chloride
Concen: 18.535 ug/l
RT: 1.85 min Scan# 44
Delta R.T. -0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion: 62 Resp: 95221
Ion Ratio Lower Upper
62 100
64 34.5 25.2 37.8





#5

Bromomethane

Concen: 13.693 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.02 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

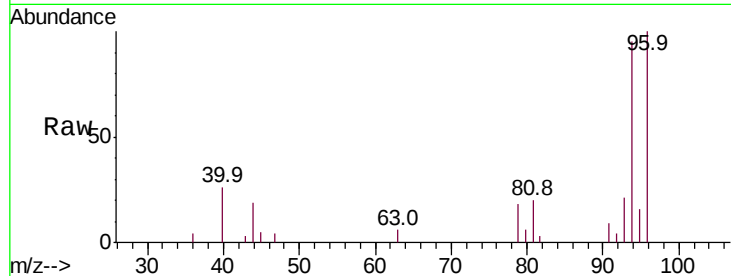
Tot Ion: 94 Resp: 14735

Ion Ratio Lower Upper

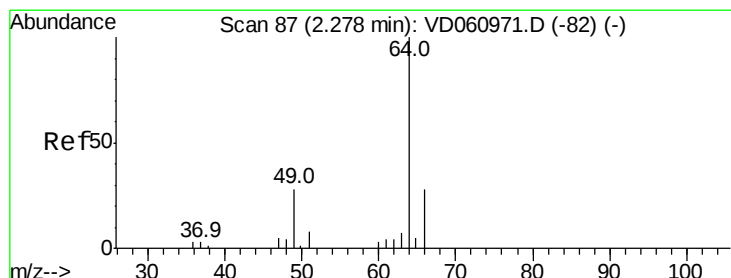
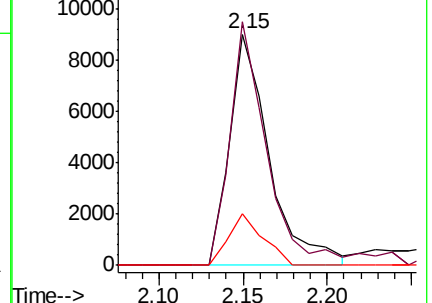
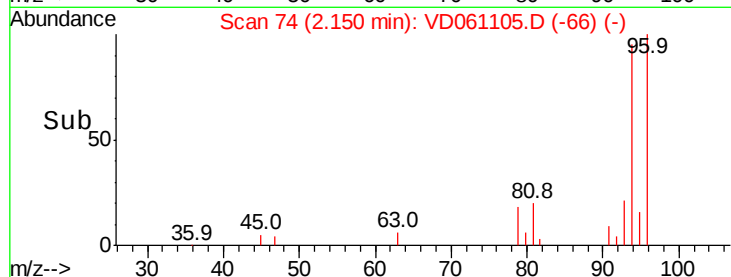
94 100

96 105.4 84.0 126.0

93 22.2 17.3 25.9



Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 18.541 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.02 min

Lab File: VD061105.D

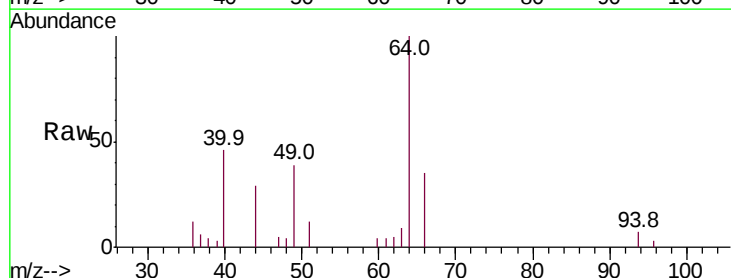
Acq: 16 Mar 2019 13:19

Tgt Ion: 64 Resp: 28511

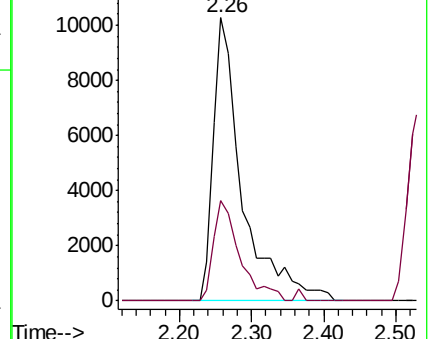
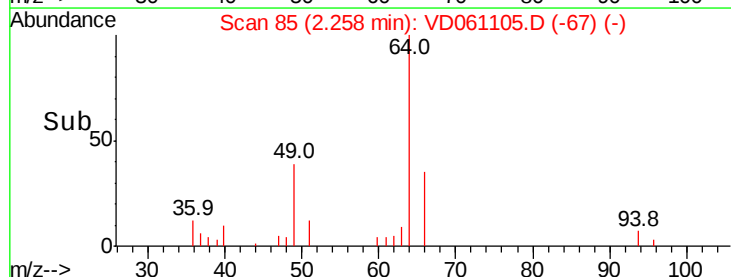
Ion Ratio Lower Upper

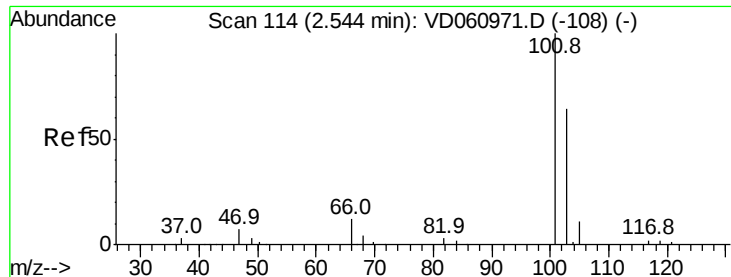
64 100

66 35.5 22.2 33.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC

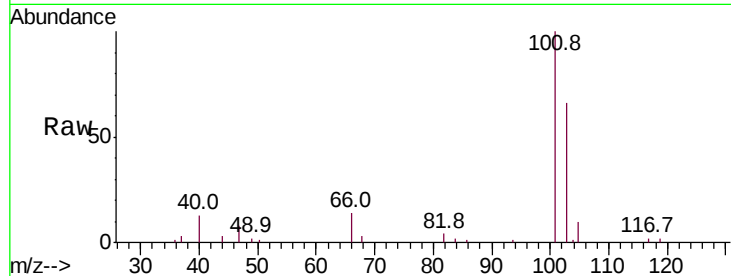




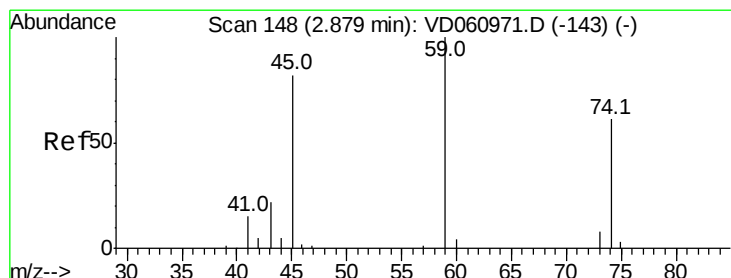
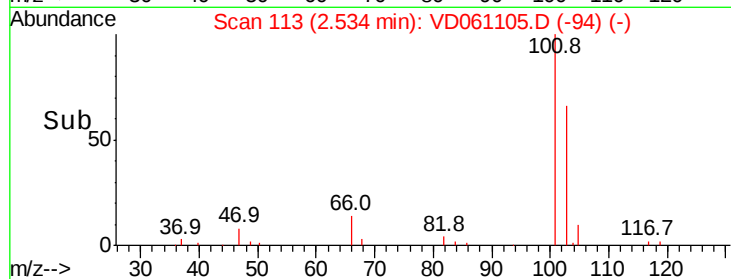
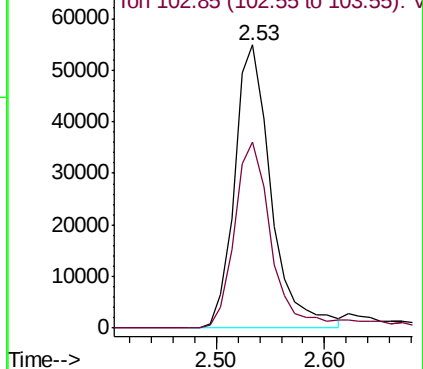
#7

Trichlorofluoromethane
Concen: 17.502 ug/l
RT: 2.53 min Scan# 113
Delta R.T. -0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tot Ion:101 Resp: 129170
Ion Ratio Lower Upper
101 100
103 65.7 51.2 76.8



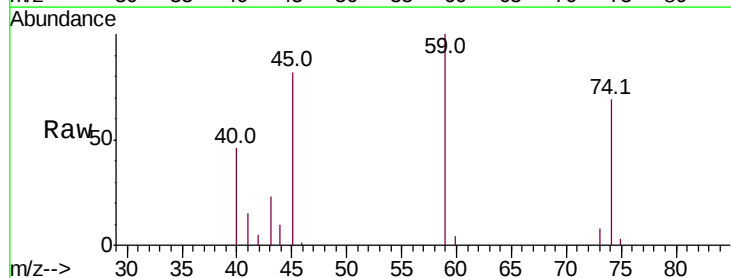
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



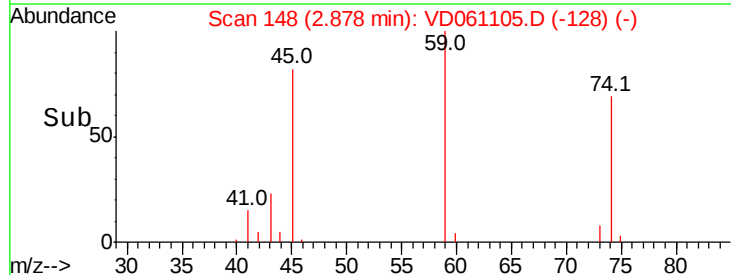
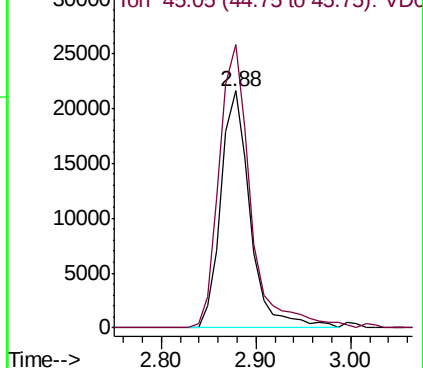
#8

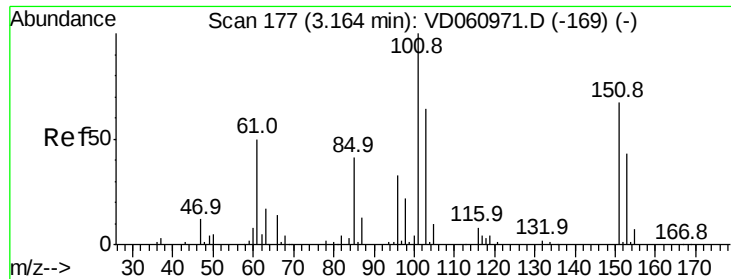
Diethyl Ether
Concen: 19.109 ug/l
RT: 2.88 min Scan# 148
Delta R.T. -0.00 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion: 74 Resp: 46523
Ion Ratio Lower Upper
74 100
45 119.4 67.0 201.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.711 ug/l

RT: 3.15 min Scan# 176

Delta R.T. -0.01 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

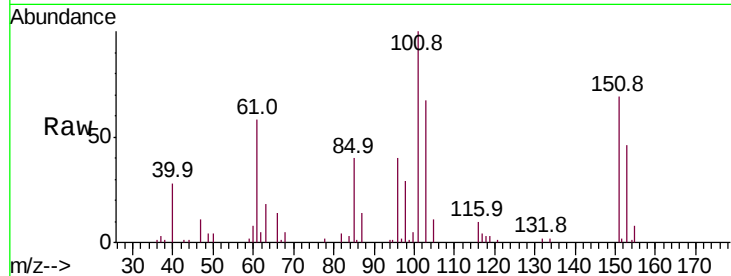
Tot Ion:101 Resp: 146133

Ion Ratio Lower Upper

101 100

85 39.7 32.5 48.7

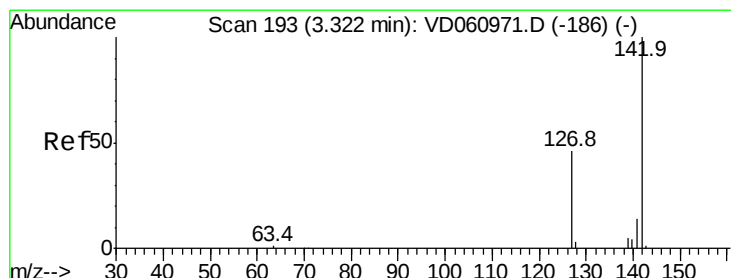
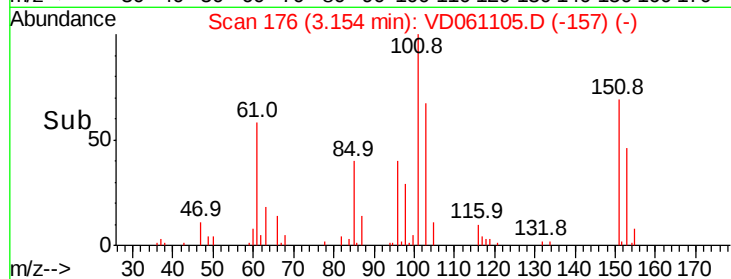
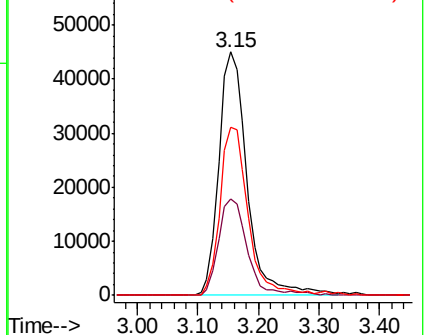
151 69.1 53.3 79.9



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: 18.405 ug/l

RT: 3.31 min Scan# 192

Delta R.T. -0.01 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

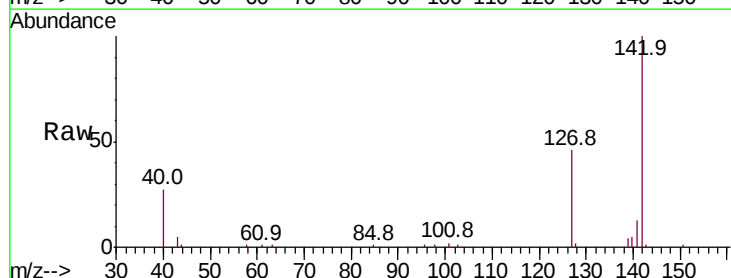
Tgt Ion:142 Resp: 186755

Ion Ratio Lower Upper

142 100

127 45.7 36.8 55.2

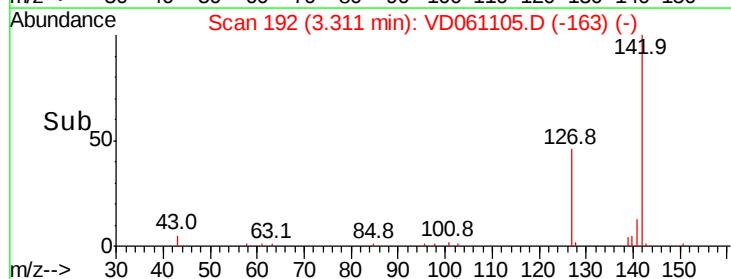
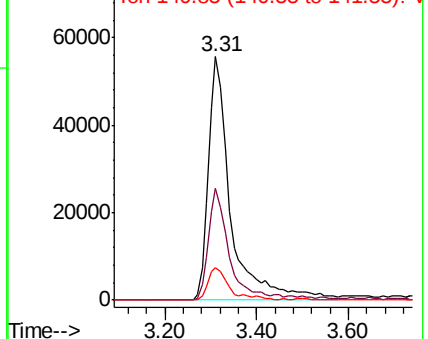
141 13.5 11.2 16.8

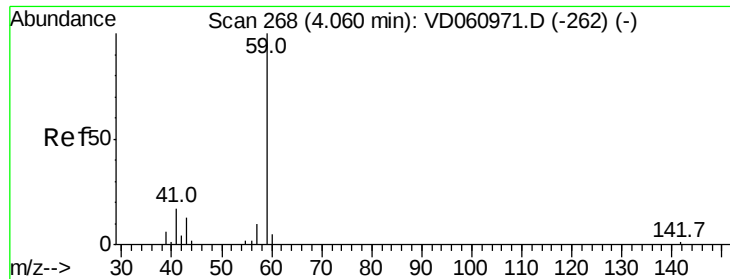


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

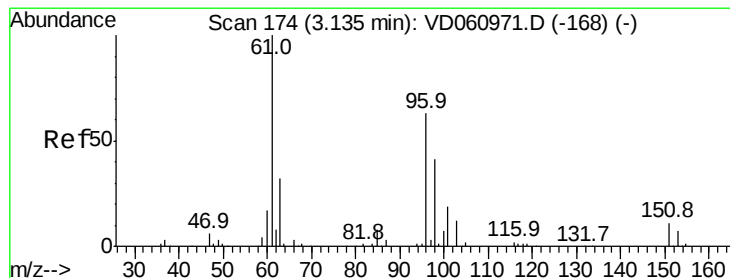
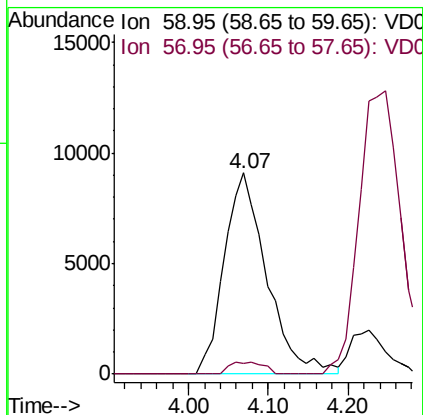
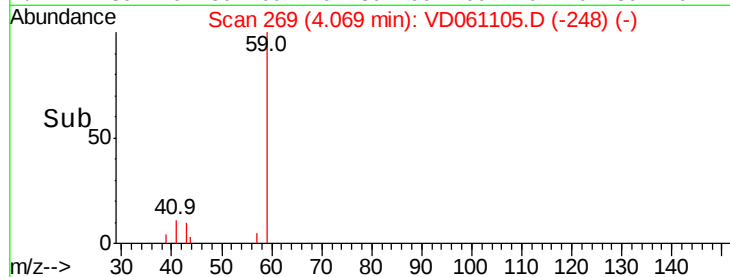
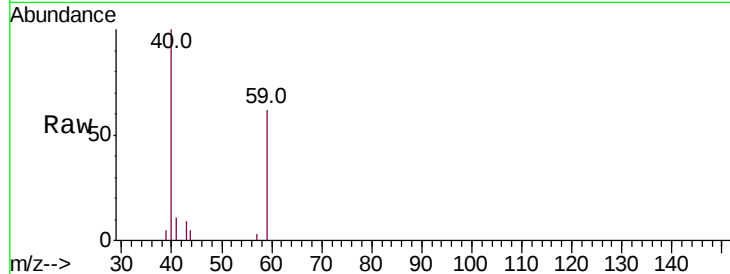




#11

Tert butyl alcohol
Concen: 95.029 ug/l
RT: 4.07 min Scan# 269
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

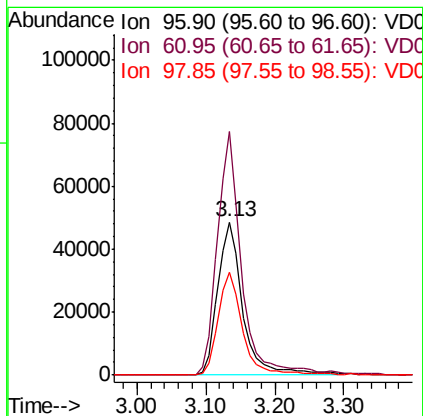
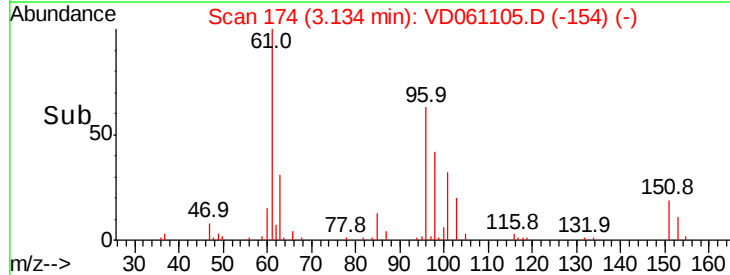
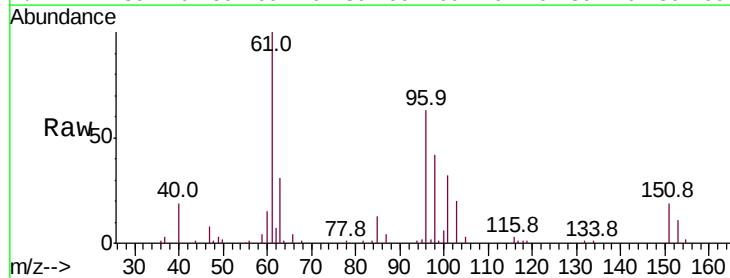
Tot Ion: 59 Resp: 33929
Ion Ratio Lower Upper
59 100
57 5.2 7.1 10.7#

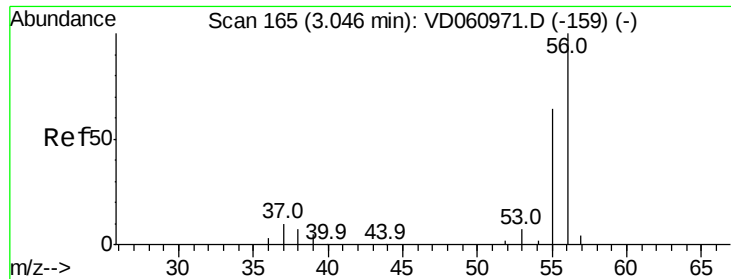


#12

1,1-Dichloroethene
Concen: 18.140 ug/l
RT: 3.13 min Scan# 174
Delta R.T. -0.00 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion: 96 Resp: 122684
Ion Ratio Lower Upper
96 100
61 159.1 127.1 190.7
98 66.9 51.5 77.3





#13

Acrolein

Concen: 75.329 ug/l

RT: 3.04 min Scan# 164

Delta R.T. -0.01 min

Lab File: VD061105.D

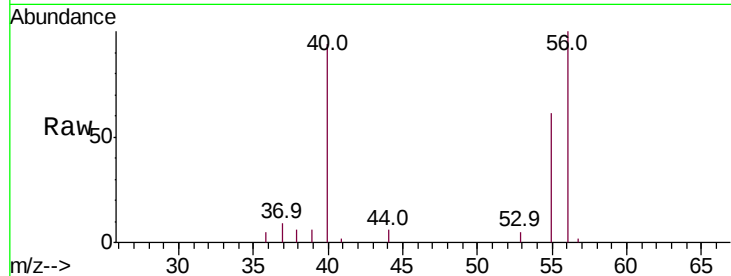
Acq: 16 Mar 2019 13:19

Tot Ion: 56 Resp: 38915

Ion Ratio Lower Upper

56 100

55 61.4 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

15000

10000

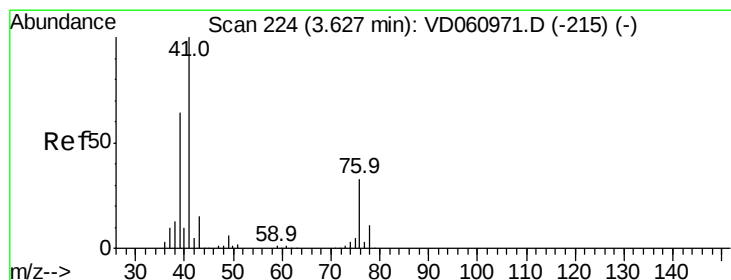
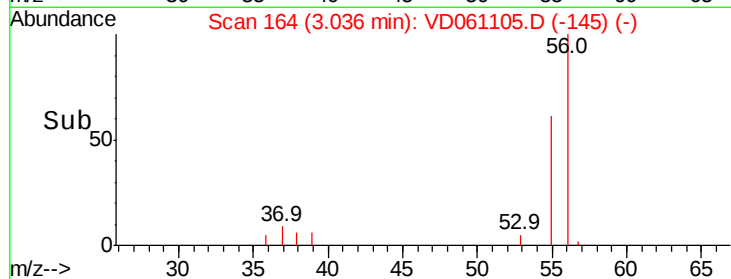
5000

0

Time-->

2.90 3.00 3.10 3.20

3.04



#14

Allyl chloride

Concen: 17.185 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

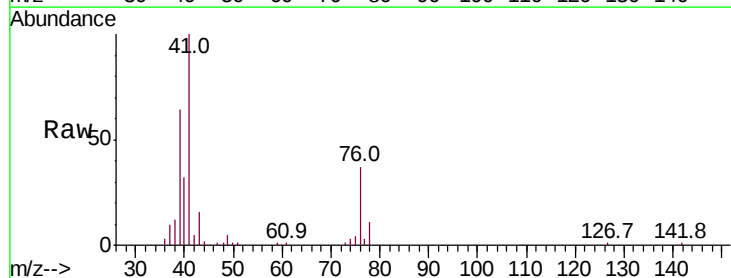
Tgt Ion: 41 Resp: 185960

Ion Ratio Lower Upper

41 100

39 63.6 51.1 76.7

76 36.8 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

80000

60000

40000

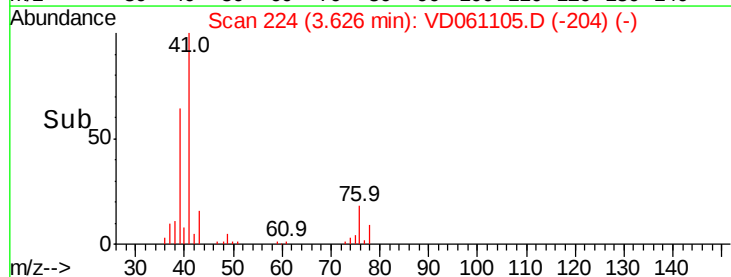
20000

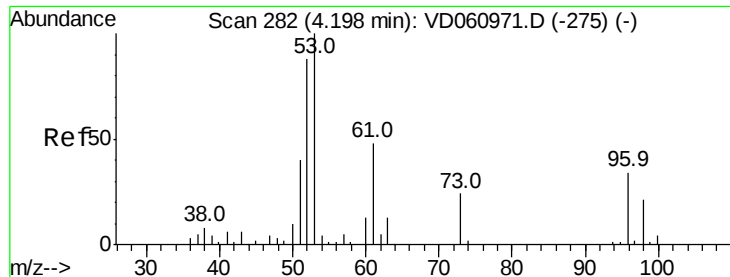
0

Time-->

3.50 3.60 3.70 3.80

3.63





#15

Acrylonitrile

Concen: 95.782 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.00 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

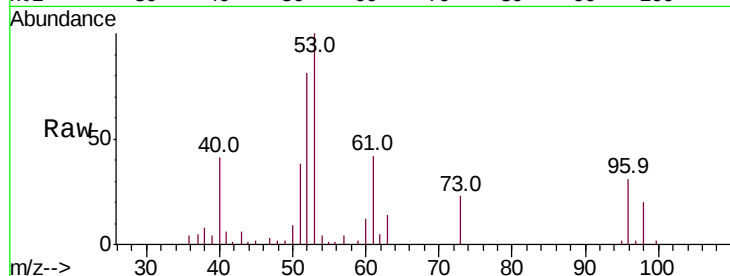
Tot Ion: 53 Resp: 120866

Ion Ratio Lower Upper

53 100

52 81.0 70.2 105.4

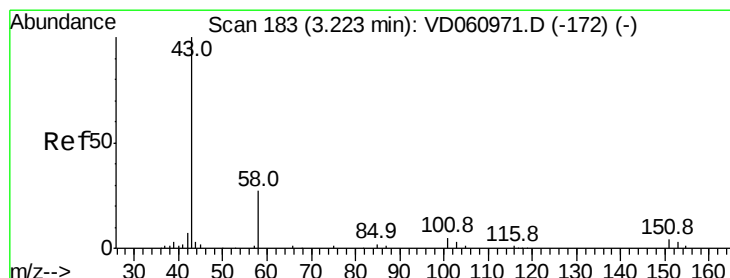
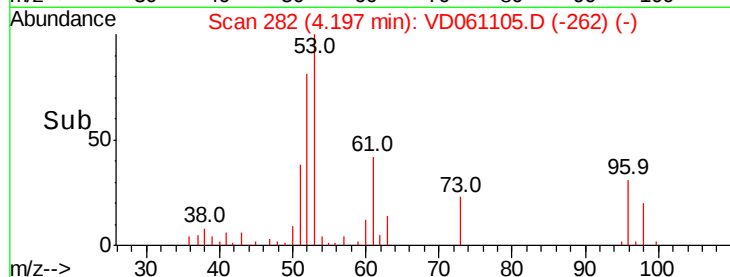
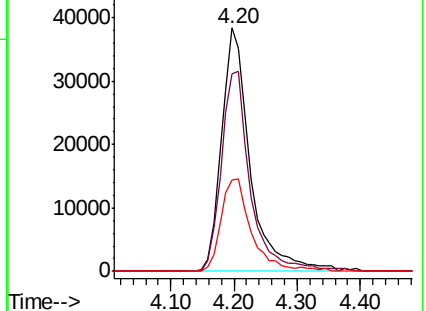
51 37.7 31.7 47.5



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 88.496 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061105.D

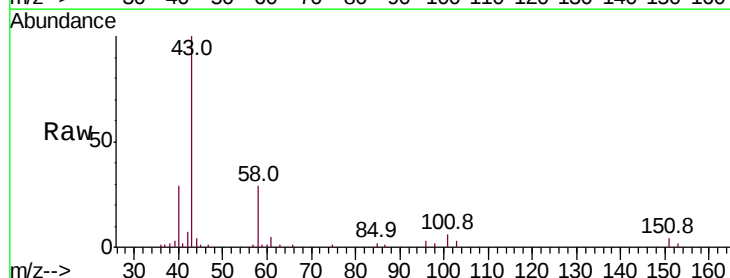
Acq: 16 Mar 2019 13:19

Tgt Ion: 43 Resp: 141926

Ion Ratio Lower Upper

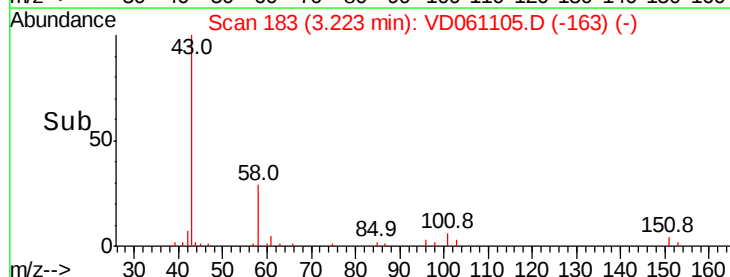
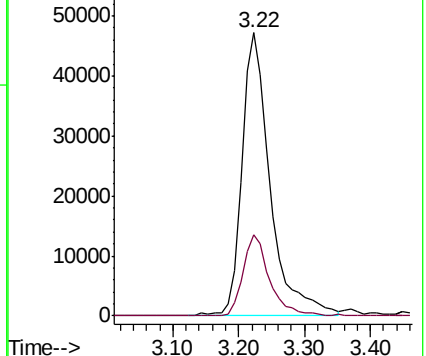
43 100

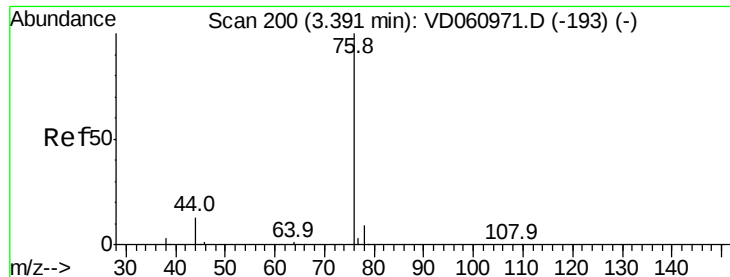
58 28.8 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

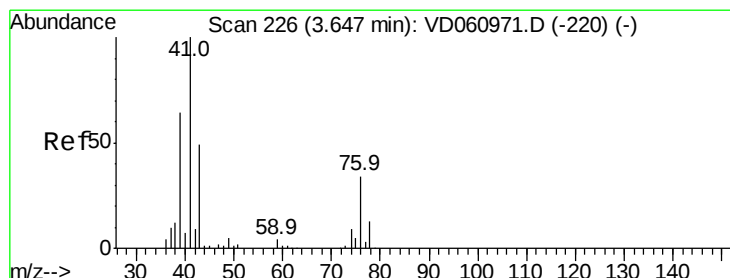
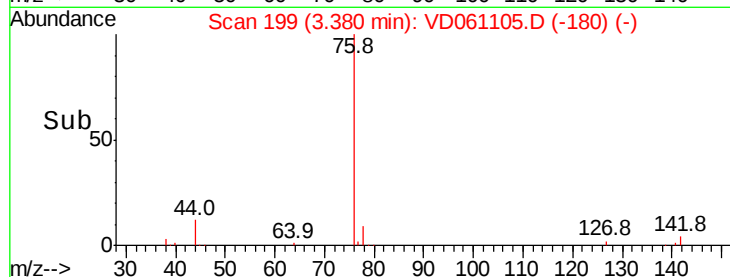
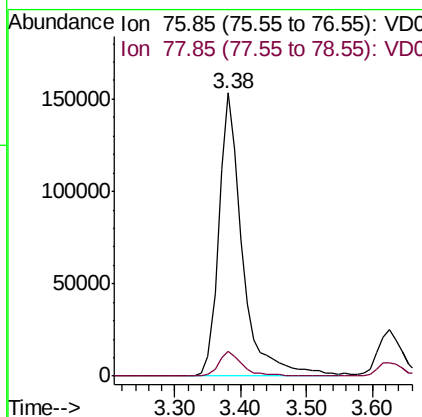
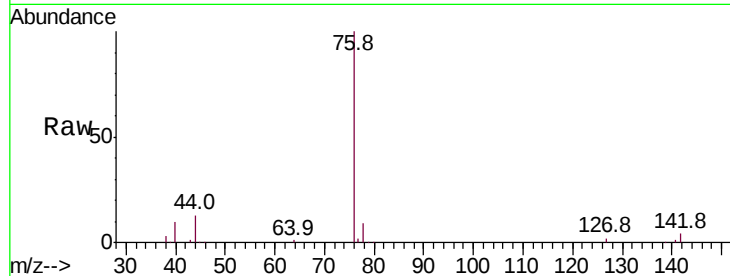
Ion 57.95 (57.65 to 58.65): VDC





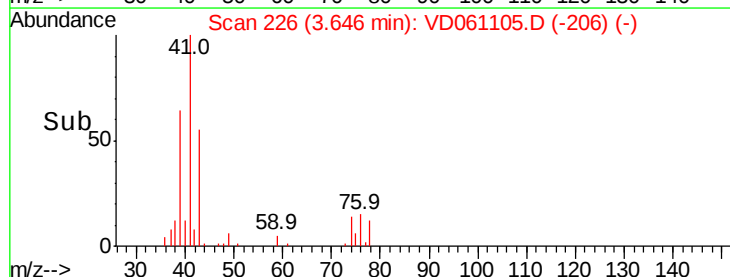
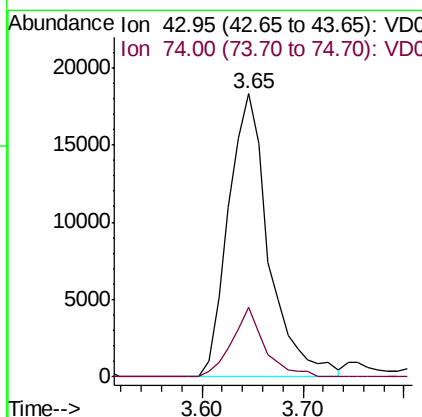
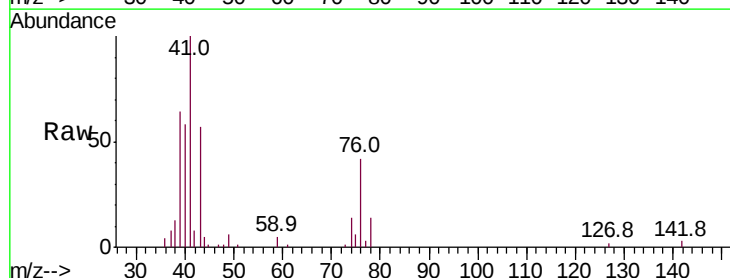
#17
Carbon Disulfide
Concen: 16.718 ug/l
RT: 3.38 min Scan# 199
Delta R.T. -0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

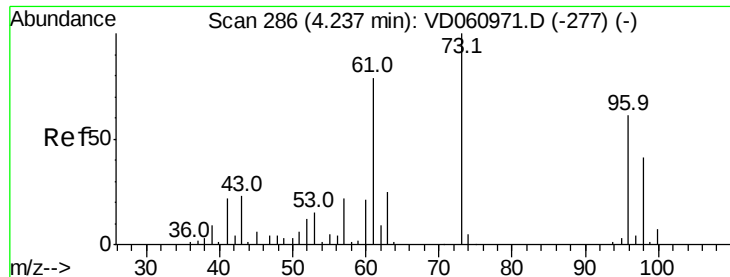
Tot Ion: 76 Resp: 381424
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 16.109 ug/l
RT: 3.65 min Scan# 226
Delta R.T. -0.00 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion: 43 Resp: 50842
Ion Ratio Lower Upper
43 100
74 24.5 14.6 21.8#

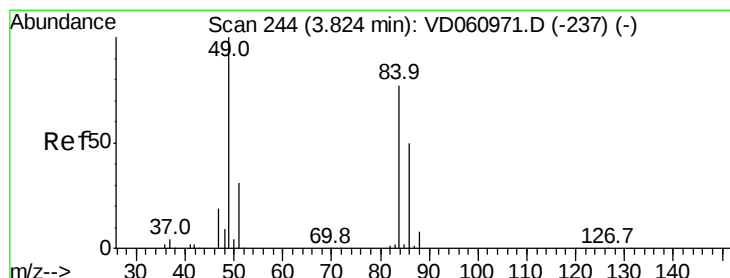
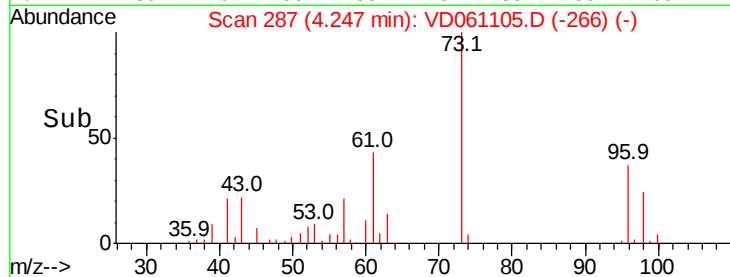
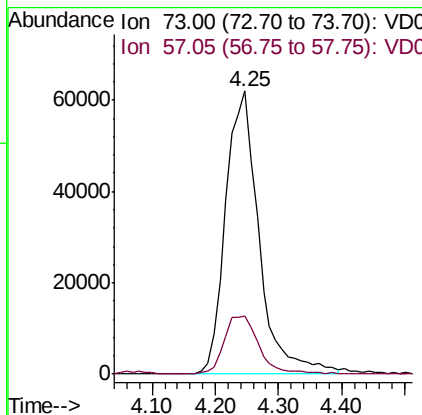
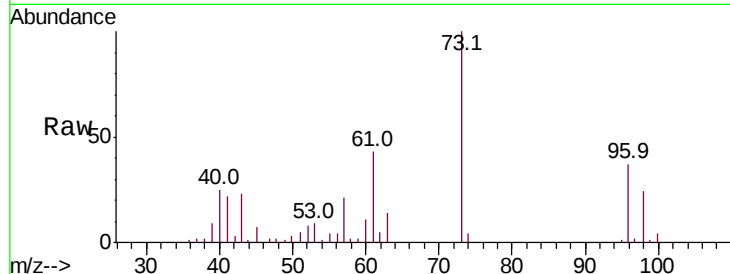




#19

Methyl tert-butyl Ether
 Concen: 19.255 ug/l
 RT: 4.25 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

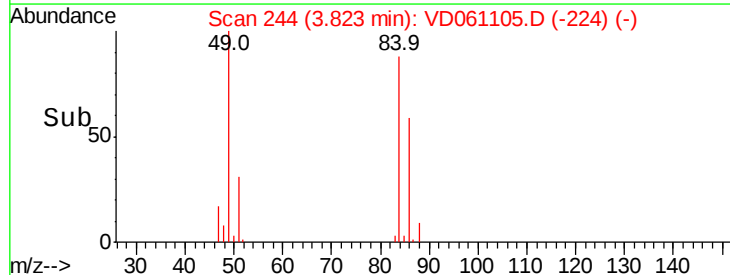
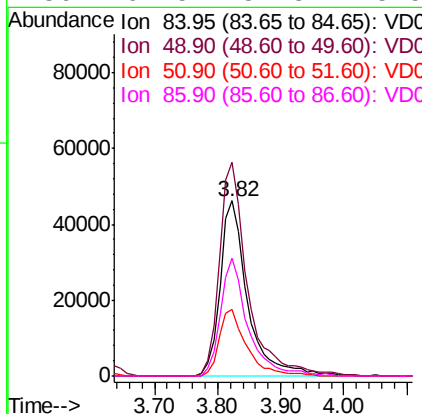
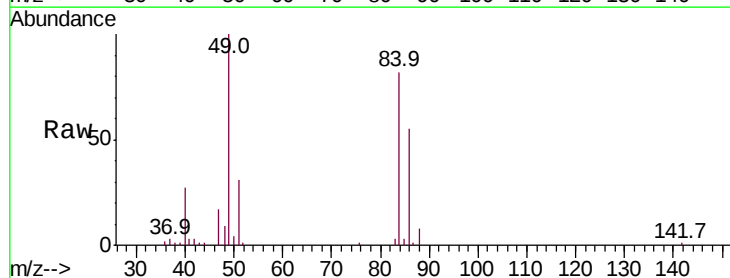
Tot Ion: 73 Resp: 228228
 Ion Ratio Lower Upper
 73 100
 57 20.6 17.7 26.5

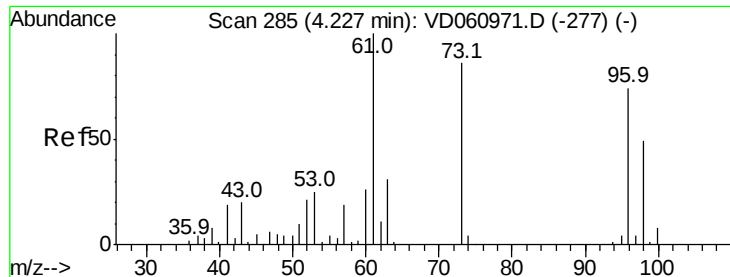


#20

Methylene Chloride
 Concen: 16.040 ug/l
 RT: 3.82 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tgt Ion: 84 Resp: 140457
 Ion Ratio Lower Upper
 84 100
 49 122.2 104.2 156.2
 51 37.9 32.3 48.5
 86 67.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.745 ug/l

RT: 4.23 min Scan# 285

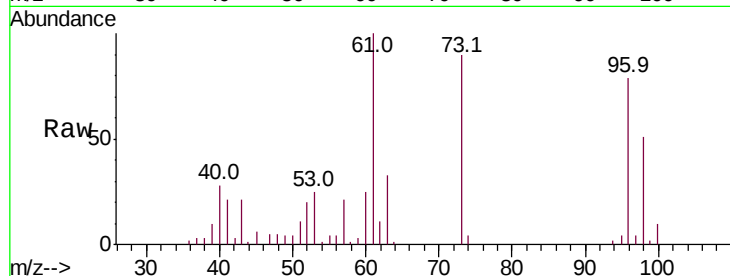
Delta R.T. -0.00 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

Tot Ion: 96 Resp: 137223

Ion	Ratio	Lower	Upper
96	100		
61	127.3	108.4	162.6
98	65.0	53.0	79.4

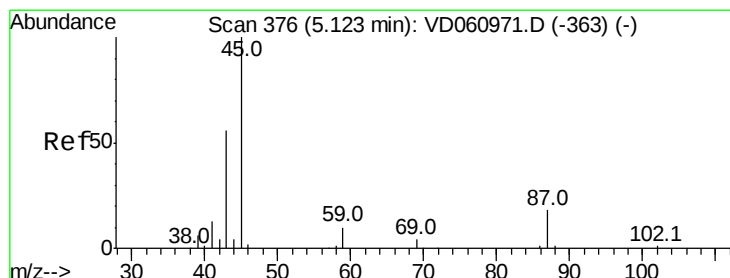
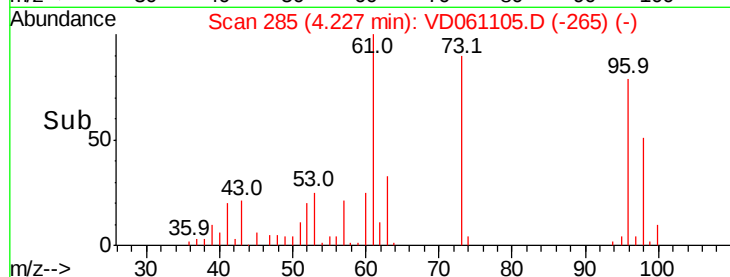
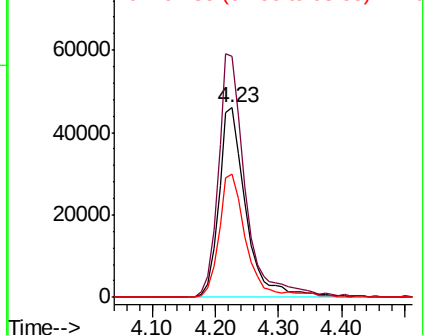


Abundance

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: 18.439 ug/l

RT: 5.12 min Scan# 376

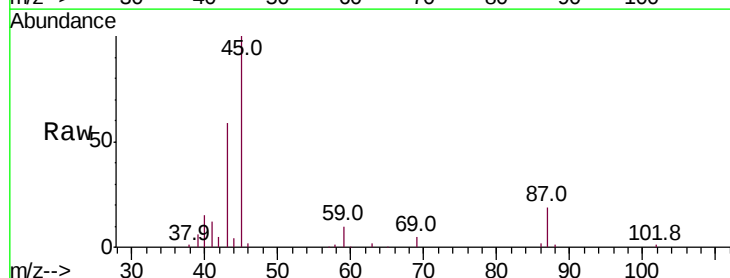
Delta R.T. -0.00 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

Tgt Ion: 45 Resp: 414205

Ion	Ratio	Lower	Upper
45	100		
43	58.9	45.8	68.8
87	19.4	14.9	22.3
59	10.3	8.0	12.0



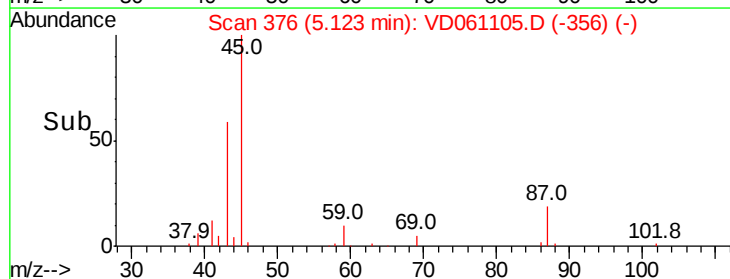
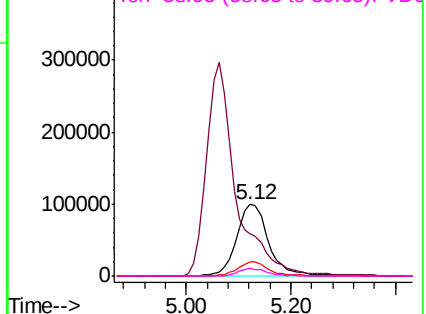
Abundance

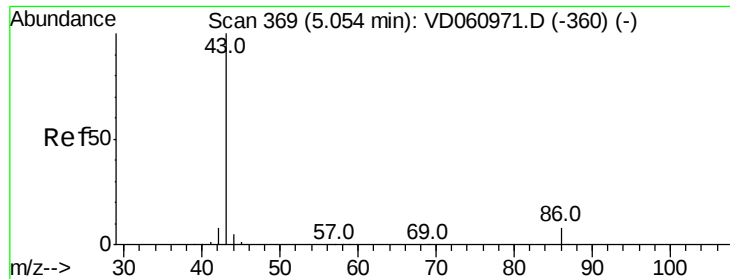
Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 100.252 ug/l

RT: 5.06 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD061105.D

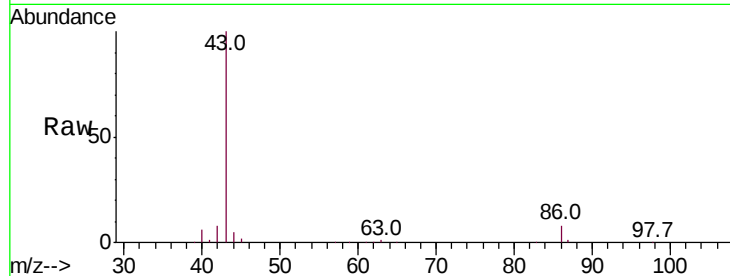
Acq: 16 Mar 2019 13:19

Tot Ion: 43 Resp: 1156080

Ion Ratio Lower Upper

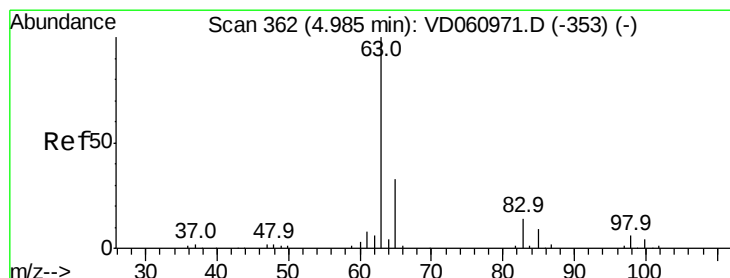
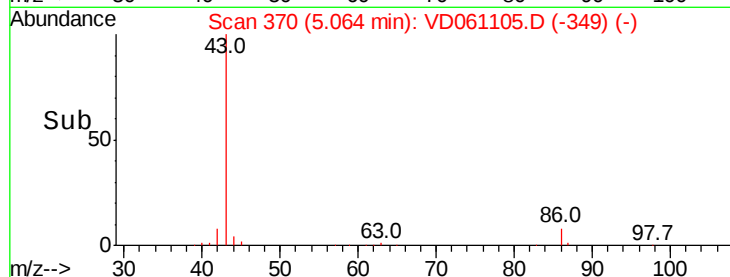
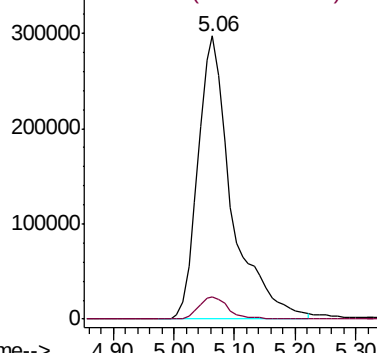
43 100

86 7.8 6.2 9.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 18.348 ug/l

RT: 4.99 min Scan# 363

Delta R.T. 0.01 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

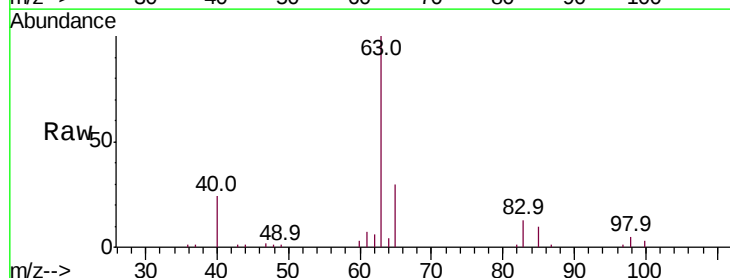
Tgt Ion: 63 Resp: 225832

Ion Ratio Lower Upper

63 100

98 5.0 3.0 9.2

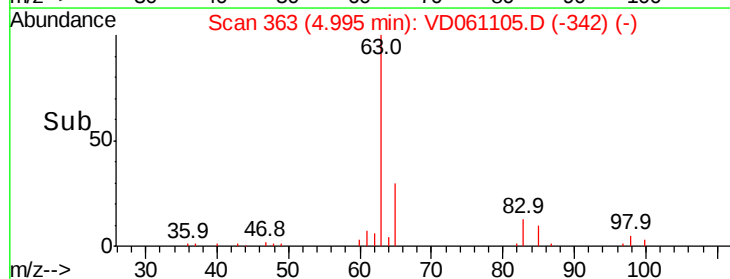
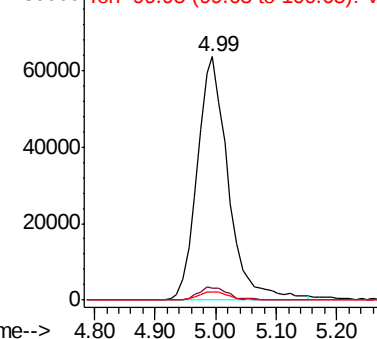
100 3.5 2.0 5.8

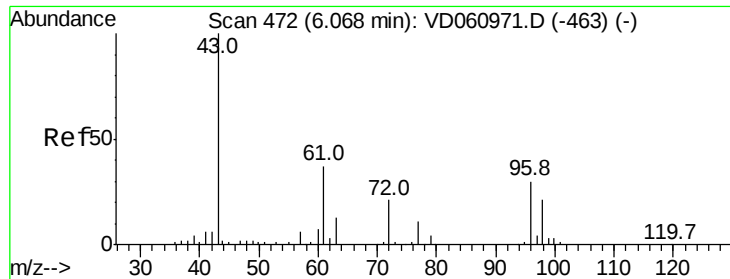


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 96.149 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.01 min

Lab File: VD061105.D

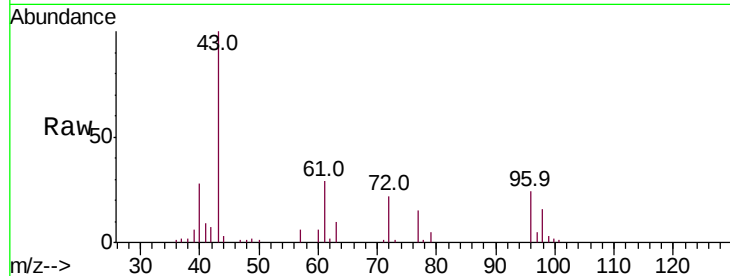
Acq: 16 Mar 2019 13:19

Tot Ion: 43 Resp: 174975

Ion Ratio Lower Upper

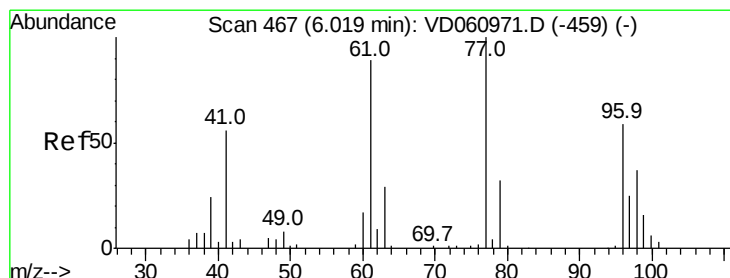
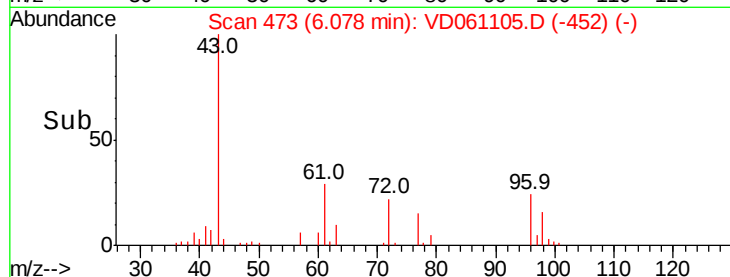
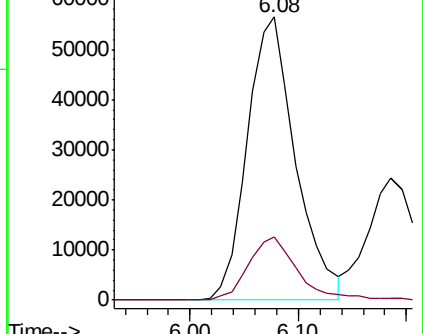
43 100

72 22.3 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.858 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD061105.D

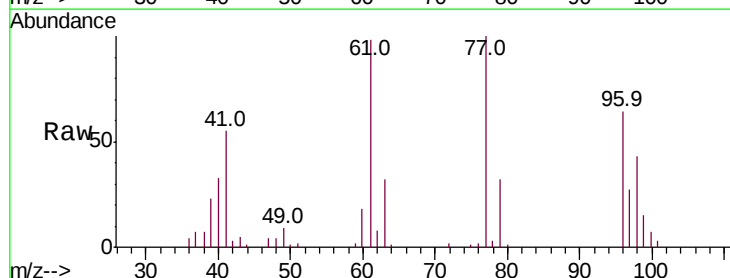
Acq: 16 Mar 2019 13:19

Tgt Ion: 77 Resp: 181196

Ion Ratio Lower Upper

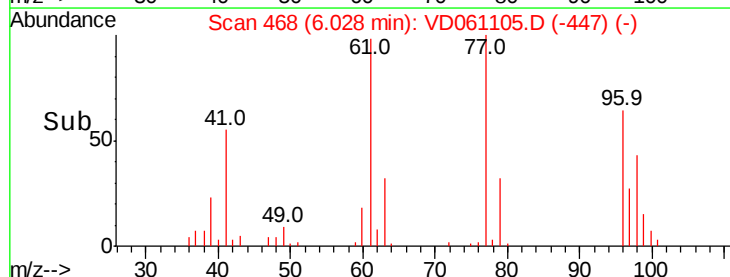
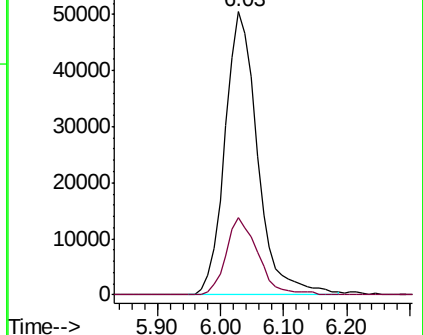
77 100

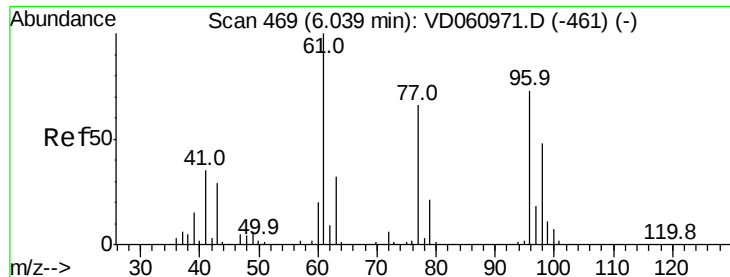
97 27.2 12.6 37.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

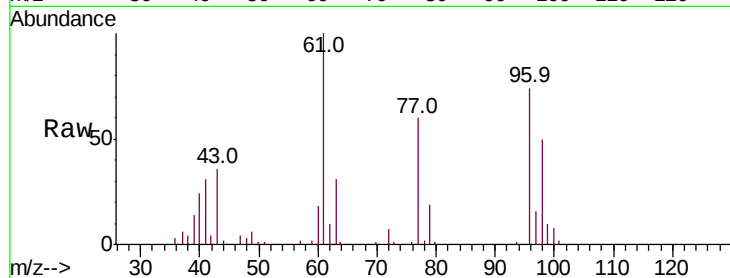




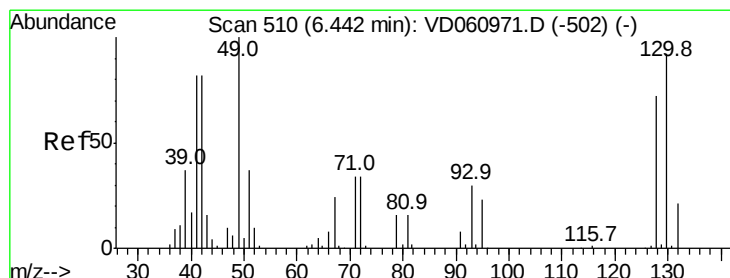
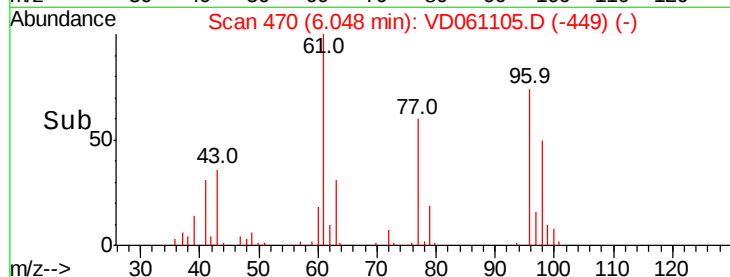
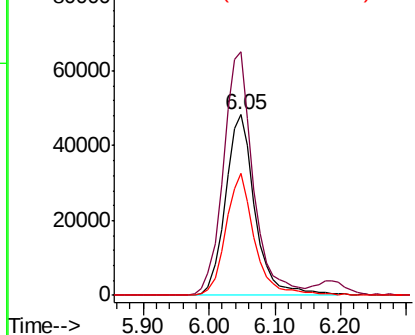
#27

cis-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 6.05 min Scan# 470
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	273.6
98	67.9	0.0	132.6



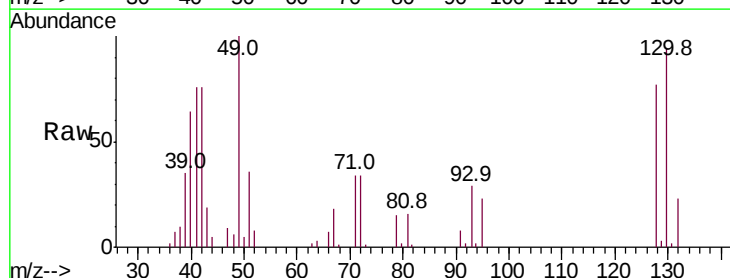
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



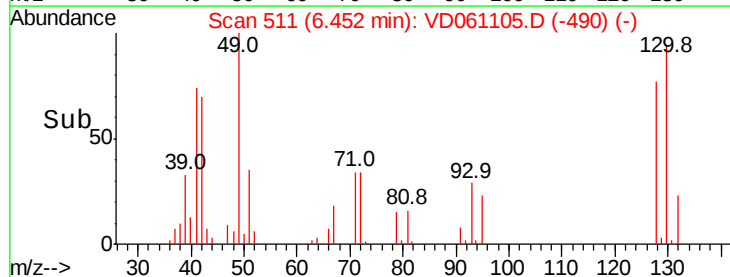
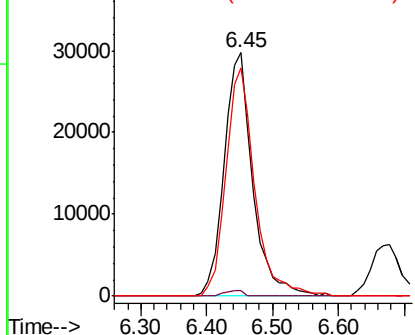
#28

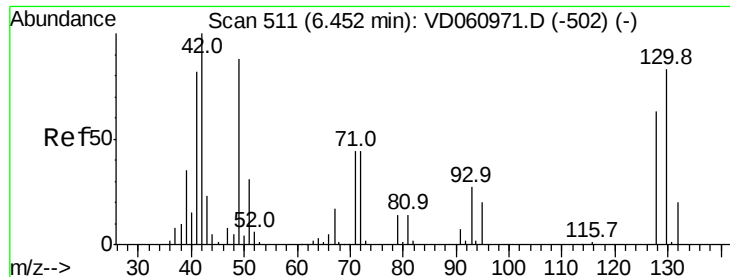
Bromochloromethane
Concen: 17.286 ug/l
RT: 6.45 min Scan# 511
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.0
130	93.8	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: 89.859 ug/l

RT: 6.46 min Scan# 512

Delta R.T. 0.01 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

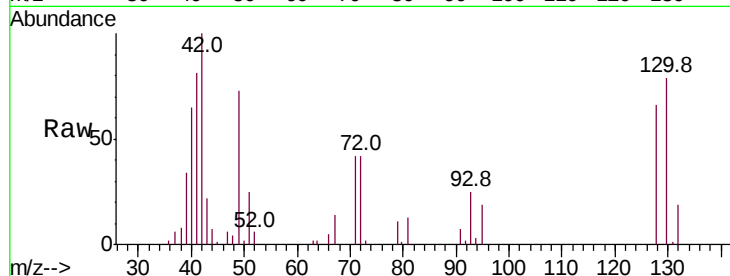
Tot Ion: 42 Resp: 88796

Ion Ratio Lower Upper

42 100

72 44.1 34.5 51.7

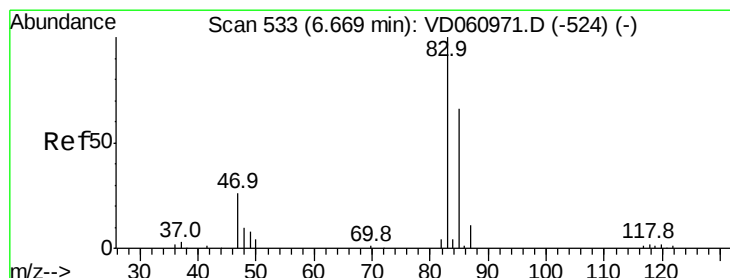
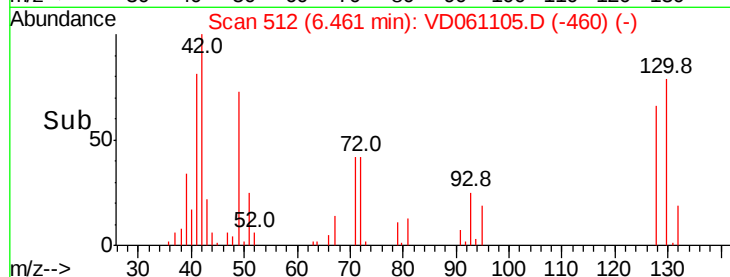
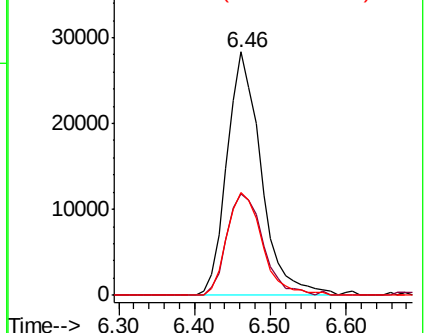
71 43.5 33.8 50.6



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: 17.890 ug/l

RT: 6.68 min Scan# 534

Delta R.T. 0.01 min

Lab File: VD061105.D

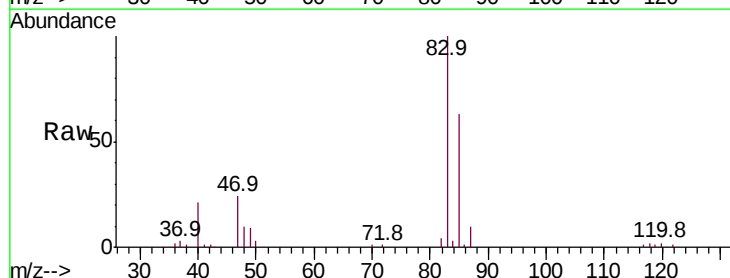
Acq: 16 Mar 2019 13:19

Tgt Ion: 83 Resp: 228202

Ion Ratio Lower Upper

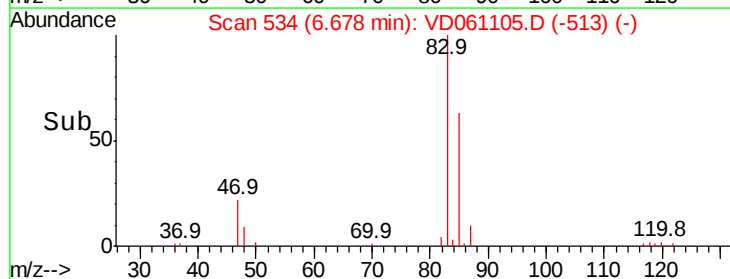
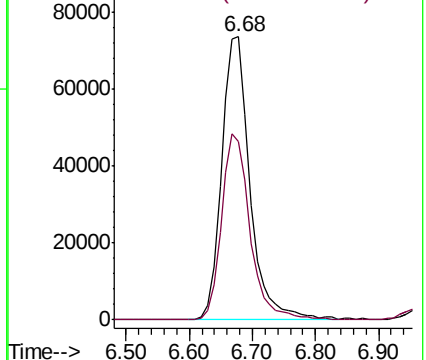
83 100

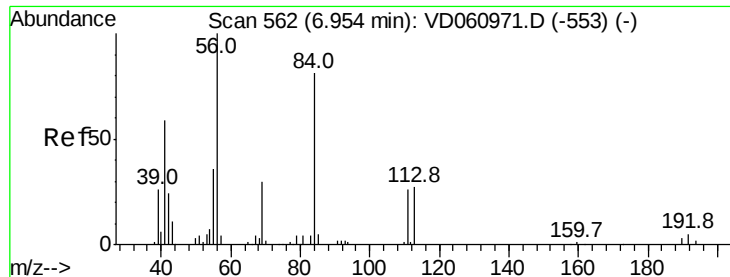
85 63.1 53.0 79.4



Abundance Ion 82.95 (82.65 to 83.65): VDC

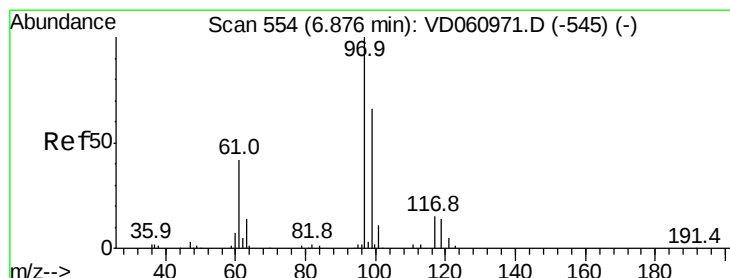
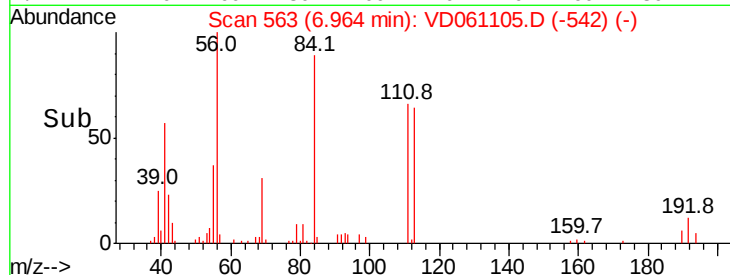
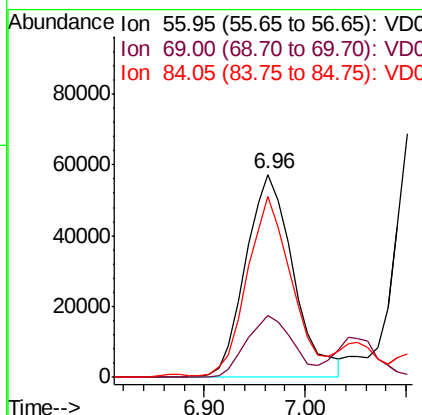
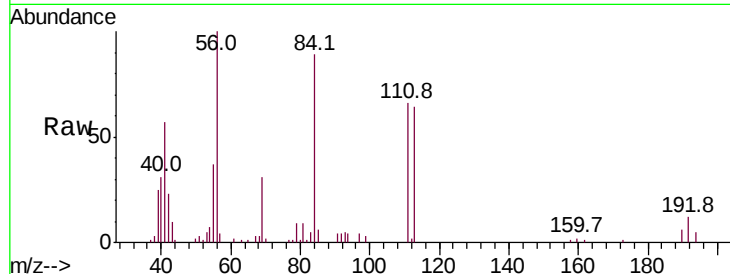
Ion 84.95 (84.65 to 85.65): VDC





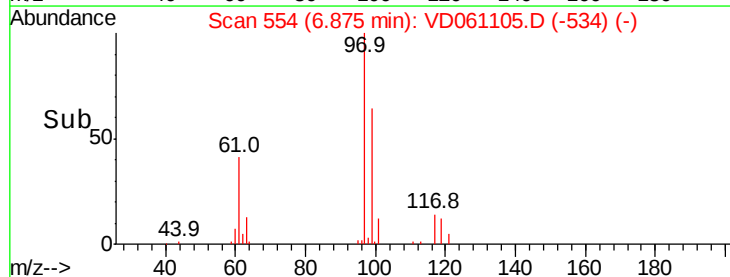
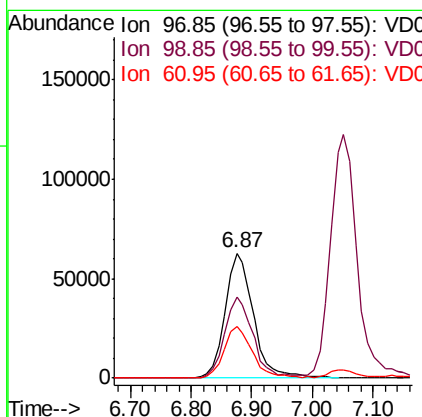
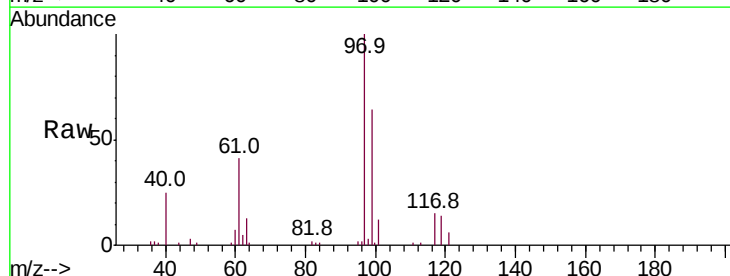
#31
Cvclohexane
Concen: 18.952 ug/l
RT: 6.96 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

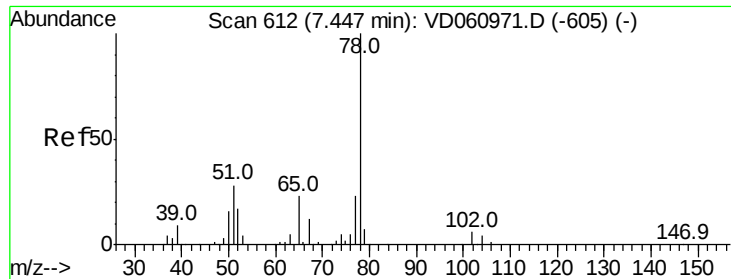
Tot Ion: 56 Resp: 188081
Ion Ratio Lower Upper
56 100
69 30.7 24.0 36.0
84 88.9 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 18.392 ug/l
RT: 6.87 min Scan# 554
Delta R.T. -0.00 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion: 97 Resp: 202836
Ion Ratio Lower Upper
97 100
99 64.4 53.2 79.8
61 41.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 18.392 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061105.D

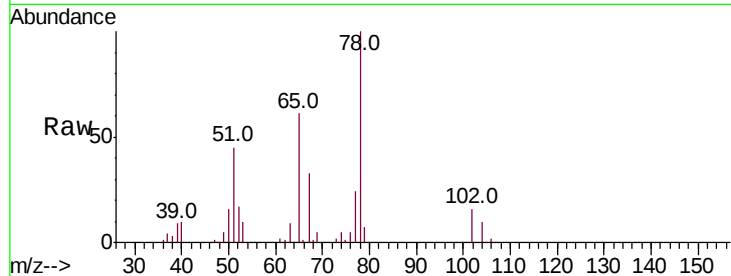
Acq: 16 Mar 2019 13:19

Tot Ion: 65 Resp: 264723

Ion Ratio Lower Upper

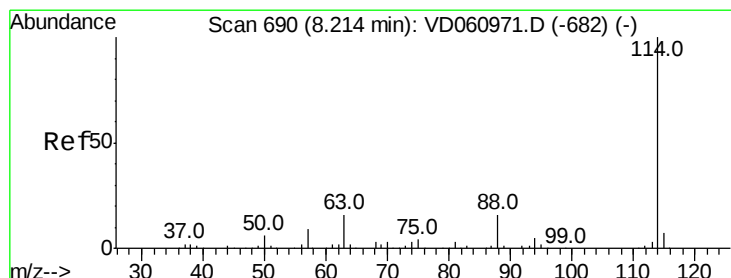
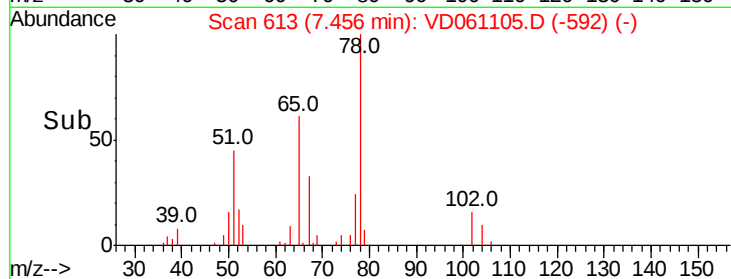
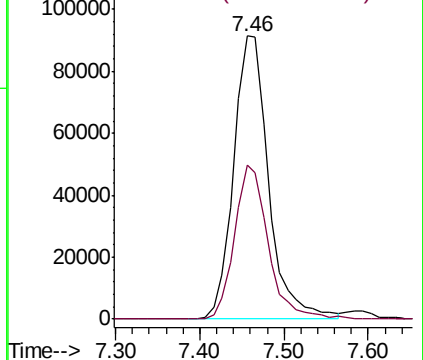
65 100

67 54.5 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

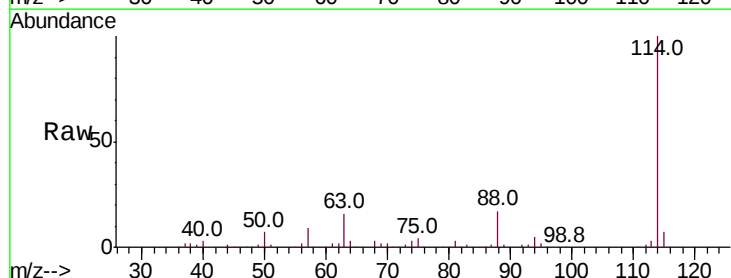
Tgt Ion: 114 Resp: 1194950

Ion Ratio Lower Upper

114 100

63 16.2 0.0 31.4

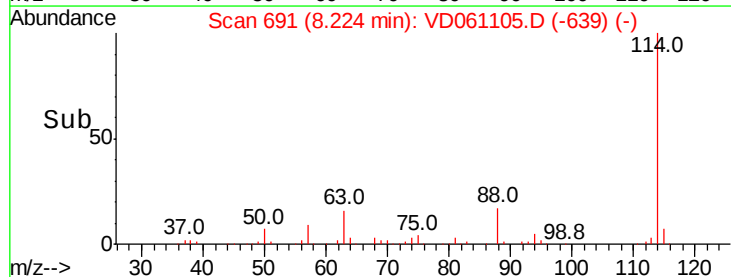
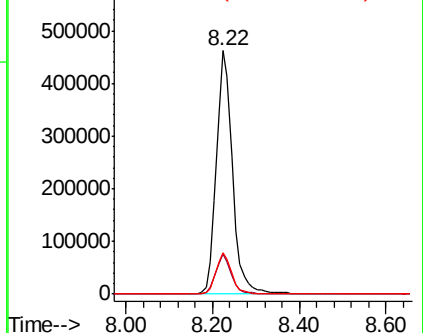
88 17.0 0.0 33.0

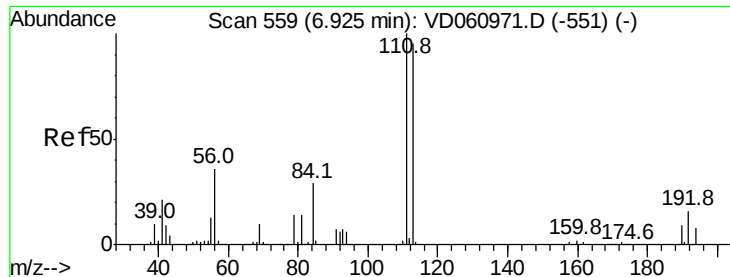


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

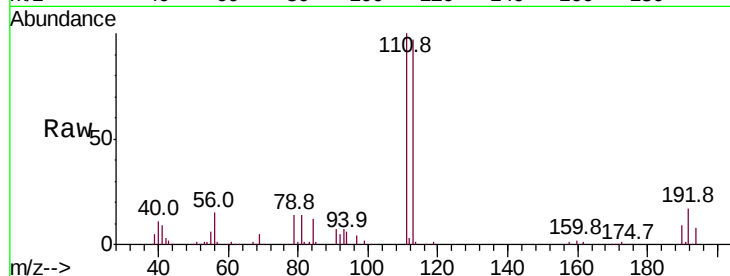
Tot Ion:113 Resp: 415193

Ion Ratio Lower Upper

113 100

111 103.5 84.2 126.4

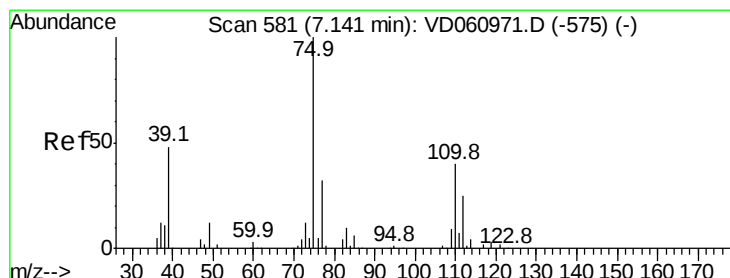
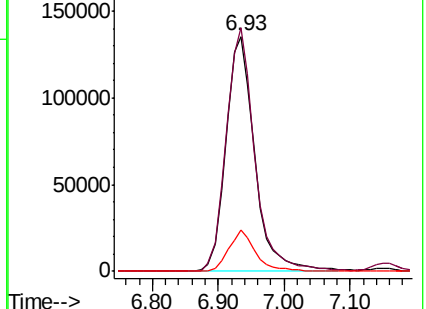
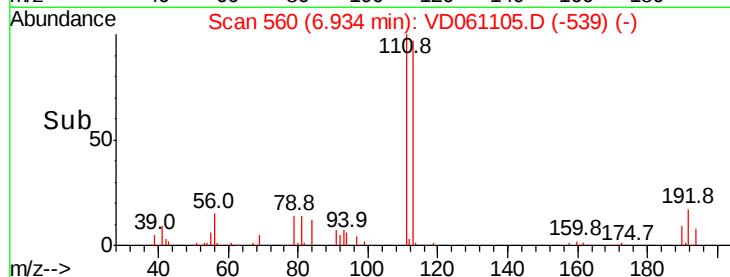
192 17.6 13.1 19.7



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: 17.617 ug/l

RT: 7.15 min Scan# 582

Delta R.T. 0.01 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

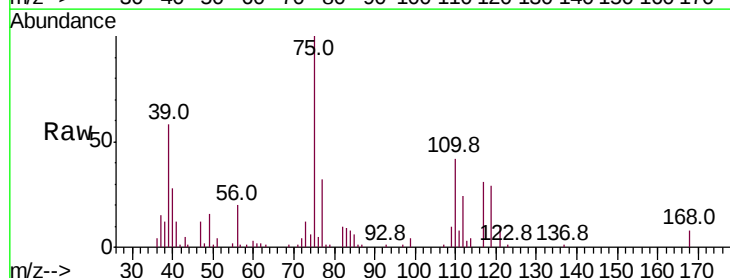
Tgt Ion: 75 Resp: 181464

Ion Ratio Lower Upper

75 100

110 41.6 19.7 59.1

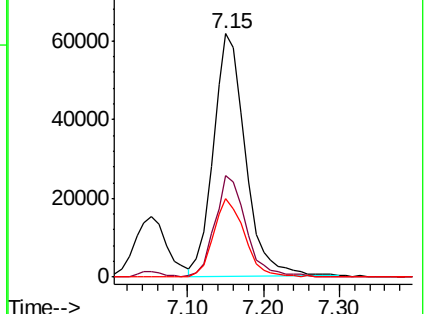
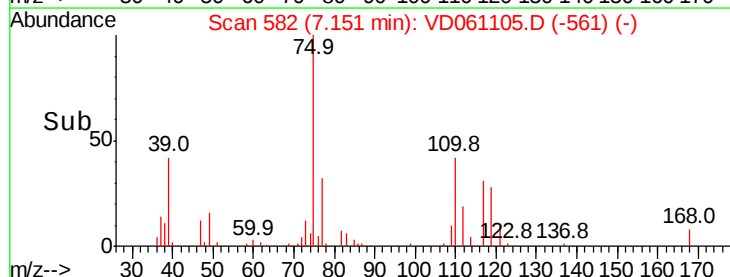
77 32.3 24.7 37.1

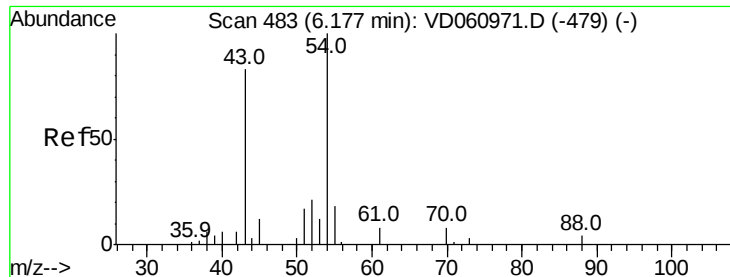


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

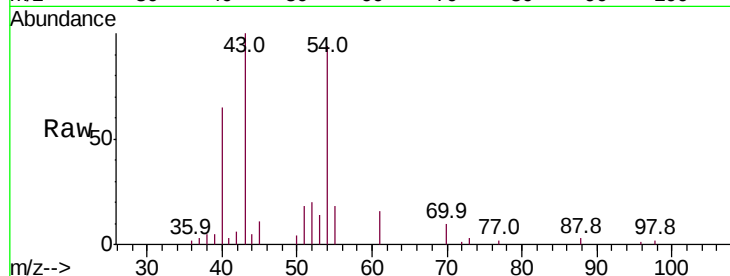
Ion 76.95 (76.65 to 77.65): V



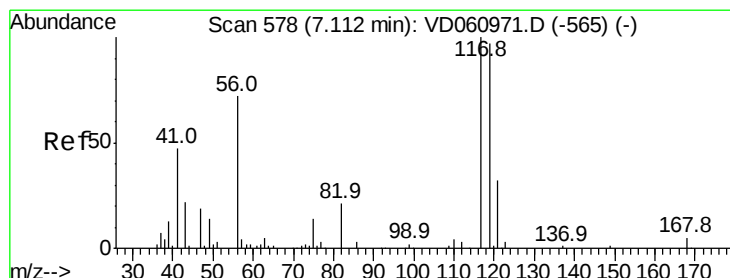
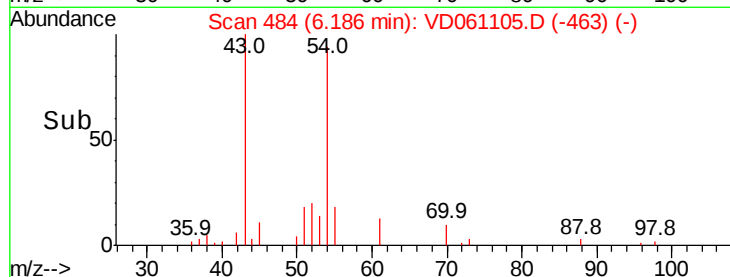
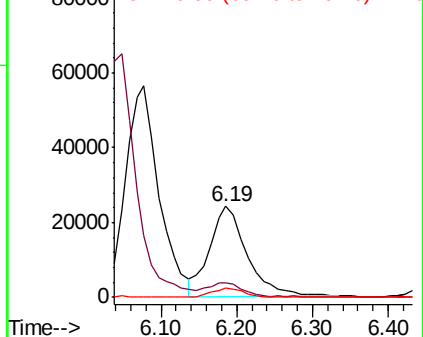


#37
Ethyl Acetate
Concen: 17.093 ug/l
RT: 6.19 min Scan# 484
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tot Ion: 43 Resp: 82618
Ion Ratio Lower Upper
43 100
61 15.7 13.7 20.5
70 10.1 7.1 10.7

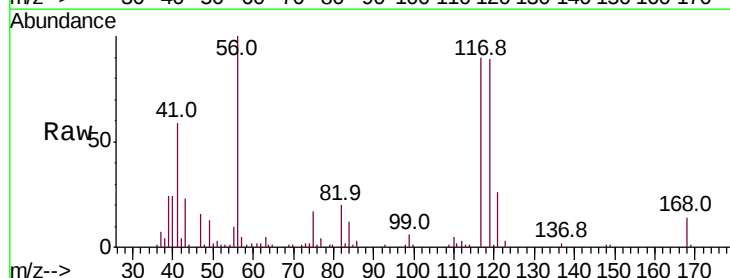


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

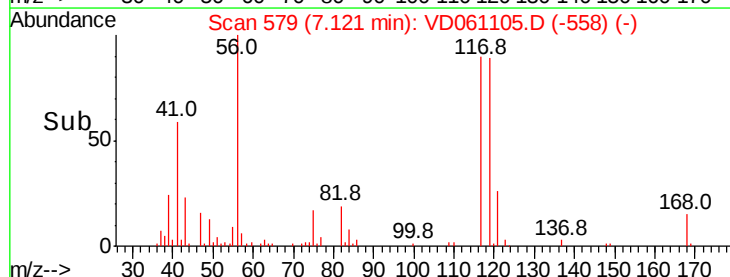
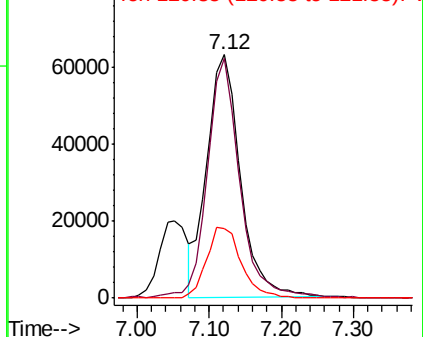


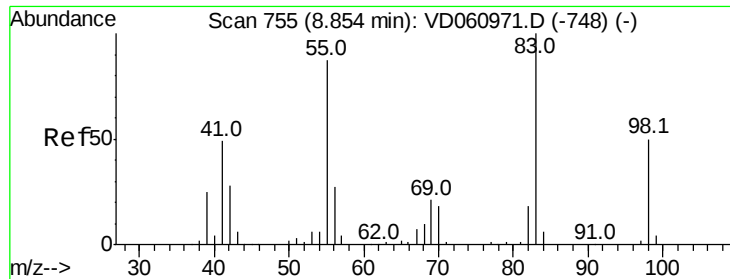
#38
Carbon Tetrachloride
Concen: 17.930 ug/l
RT: 7.12 min Scan# 579
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion: 117 Resp: 203434
Ion Ratio Lower Upper
117 100
119 98.5 77.8 116.8
121 28.5 25.3 37.9



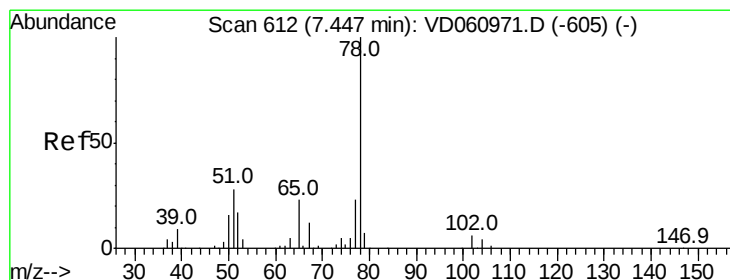
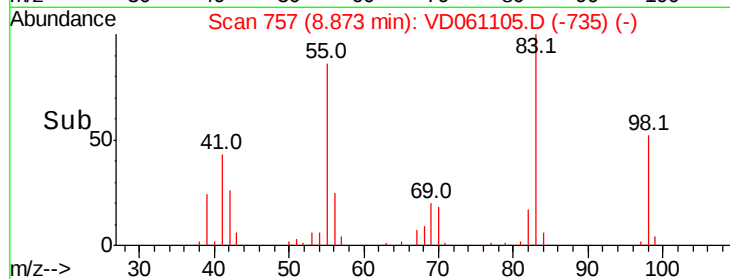
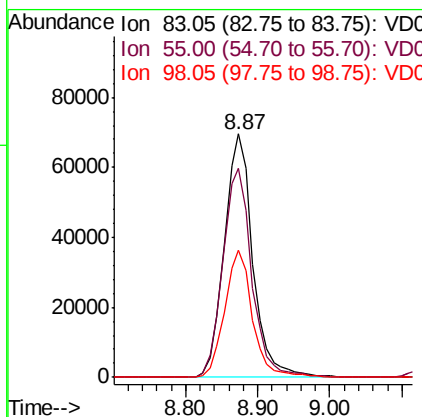
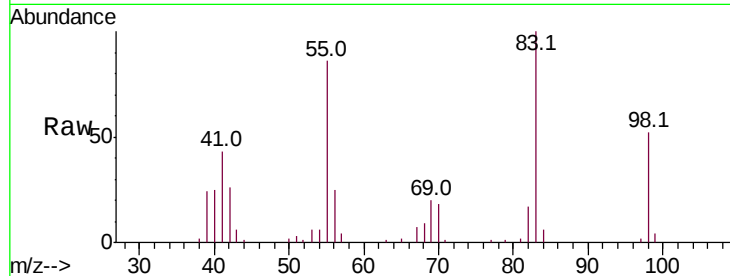
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





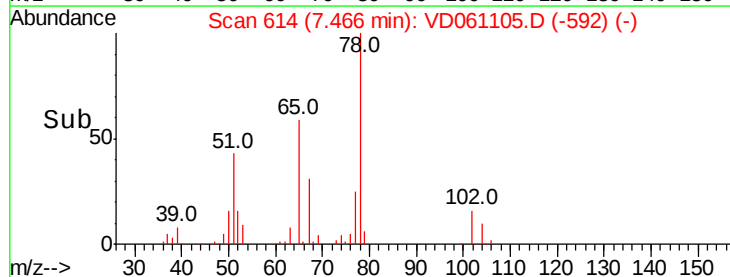
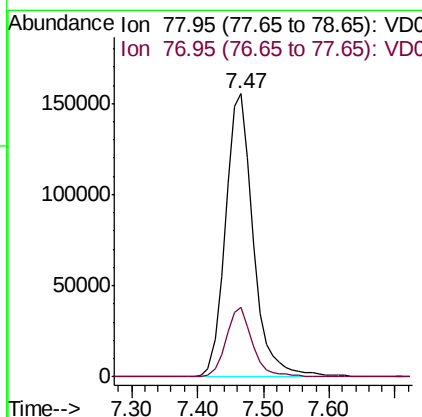
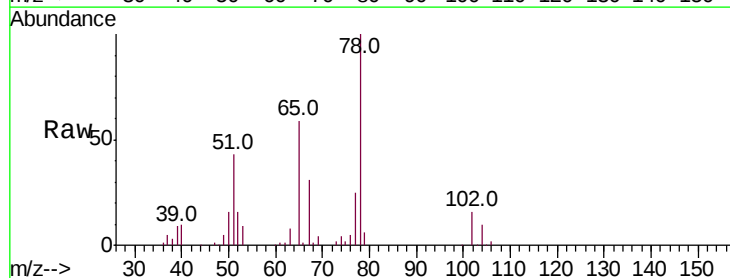
#39
Methvlcvclohexane
Concen: 17.842 ug/l
RT: 8.87 min Scan# 757
Delta R.T. 0.02 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

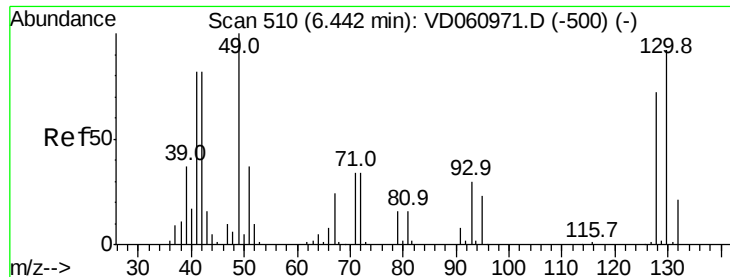
Tot Ion: 83 Resp: 190563
Ion Ratio Lower Upper
83 100
55 86.0 69.6 104.4
98 52.0 40.0 60.0



#40
Benzene
Concen: 17.837 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

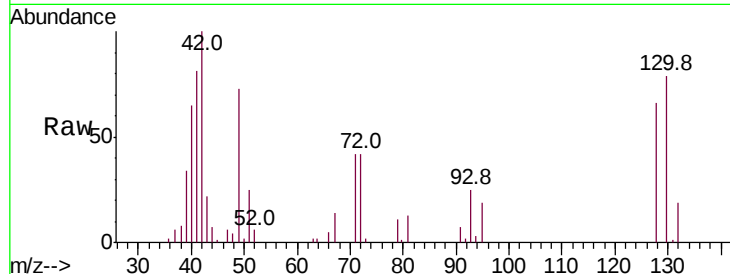
Tgt Ion: 78 Resp: 459083
Ion Ratio Lower Upper
78 100
77 24.7 18.8 28.2



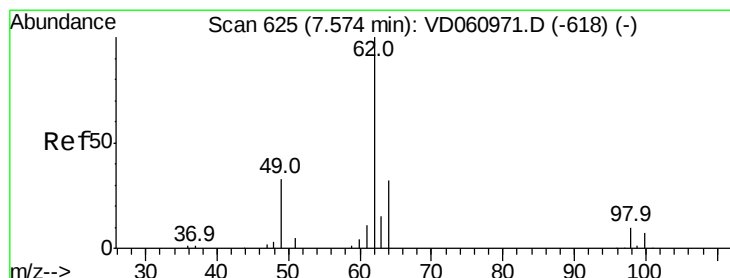
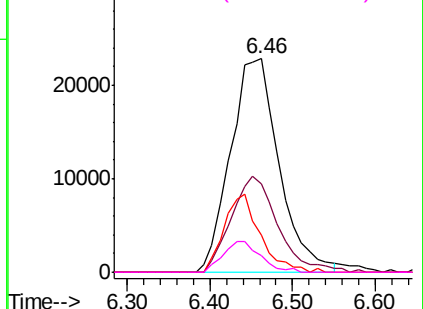
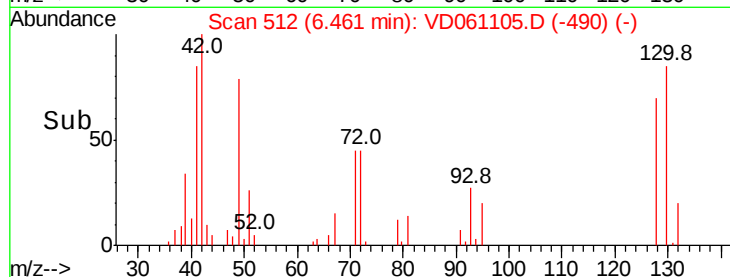


#41
Methacrylonitrile
Concen: 16.840 ug/l m
RT: 6.46 min Scan# 512
Delta R.T. 0.02 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tot Ion: 41 Resp: 93627
Ion Ratio Lower Upper
41 100
39 41.6 35.7 53.5
67 17.4 23.0 34.6#
52 7.7 9.2 13.8#

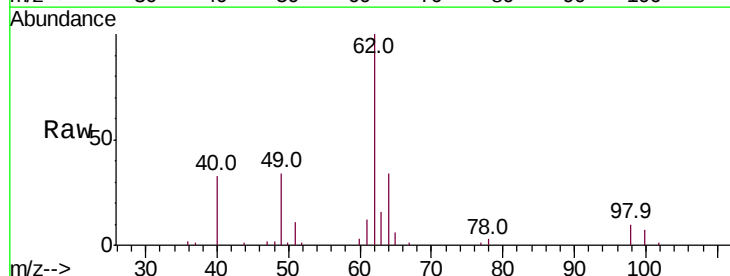


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

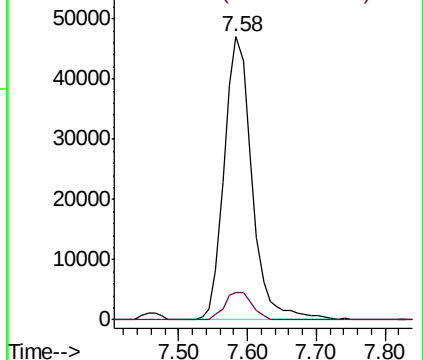
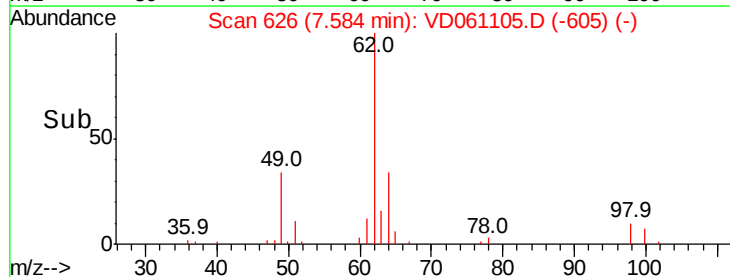


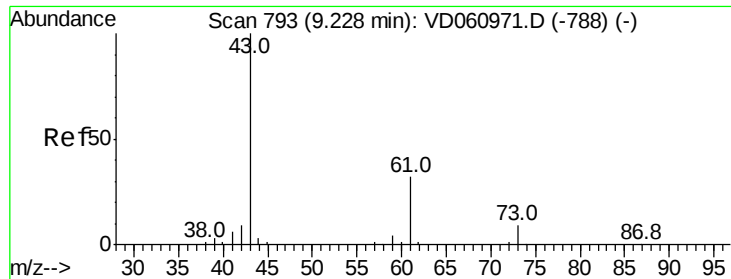
#42
1,2-Dichloroethane
Concen: 17.627 ug/l
RT: 7.58 min Scan# 626
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion: 62 Resp: 131657
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.4



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

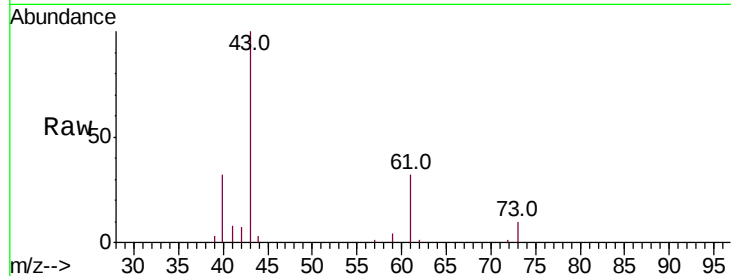




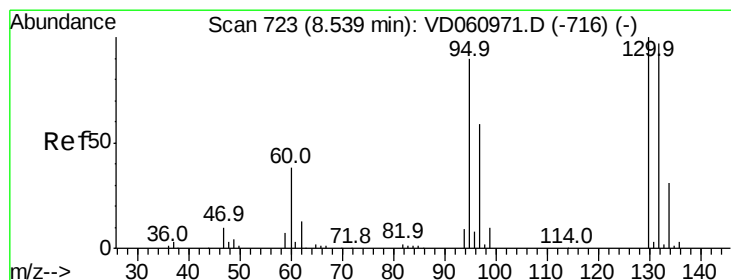
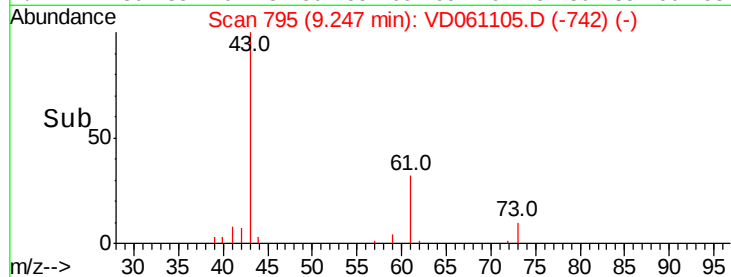
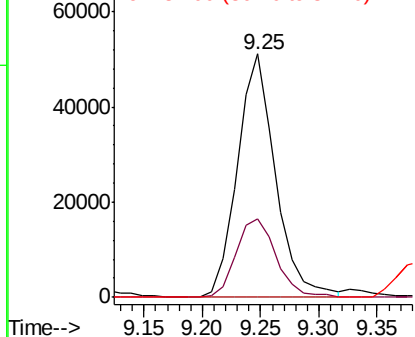
#43

Isopropyl Acetate
 Concen: 17.251 ug/l
 RT: 9.25 min Scan# 795
 Delta R.T. 0.02 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tot Ion: 43 Resp: 115487
 Ion Ratio Lower Upper
 43 100
 61 32.4 25.6 38.4
 87 0.0 0.2 0.4#



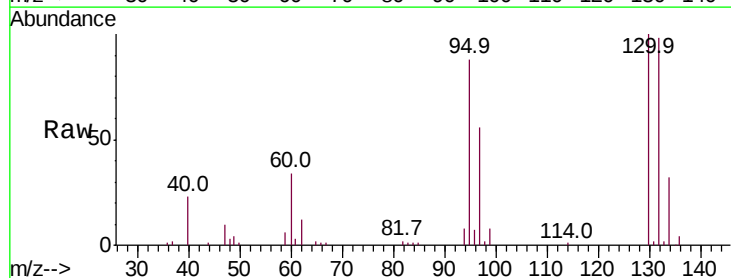
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



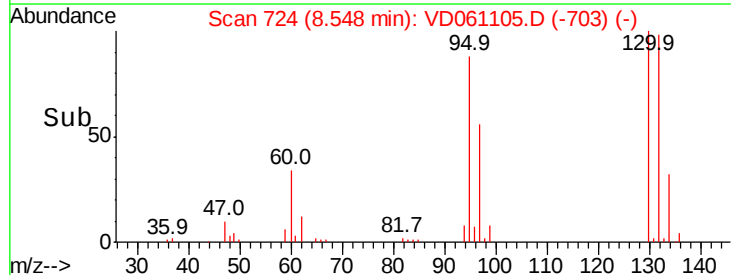
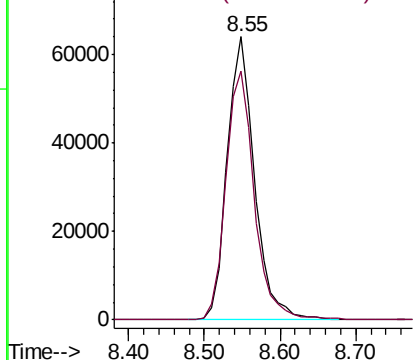
#44

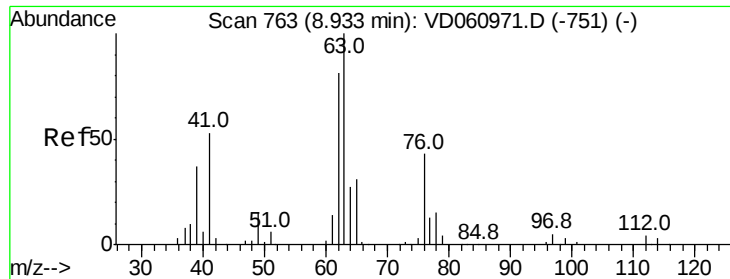
Trichloroethene
 Concen: 17.983 ug/l
 RT: 8.55 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tgt Ion:130 Resp: 159680
 Ion Ratio Lower Upper
 130 100
 95 88.0 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: 17.612 ug/l

RT: 8.94 min Scan# 764

Delta R.T. 0.01 min

Lab File: VD061105.D

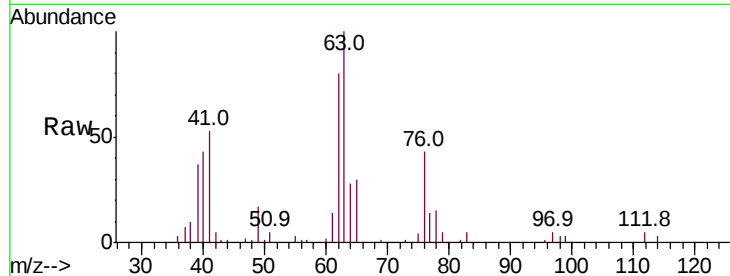
Acq: 16 Mar 2019 13:19

Tot Ion: 63 Resp: 119089

Ion Ratio Lower Upper

63 100

65 30.3 24.8 37.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.94

50000

40000

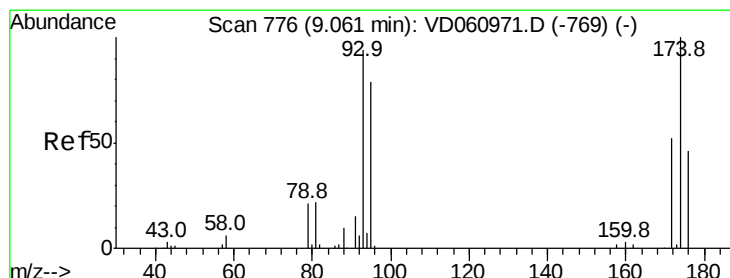
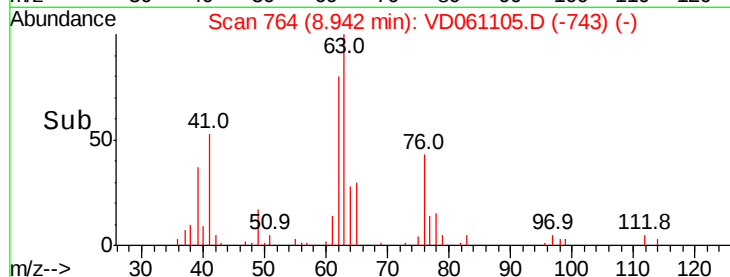
30000

20000

10000

0

Time--> 8.80 8.90 9.00 9.10



#46

Dibromomethane

Concen: 17.452 ug/l

RT: 9.07 min Scan# 777

Delta R.T. 0.01 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

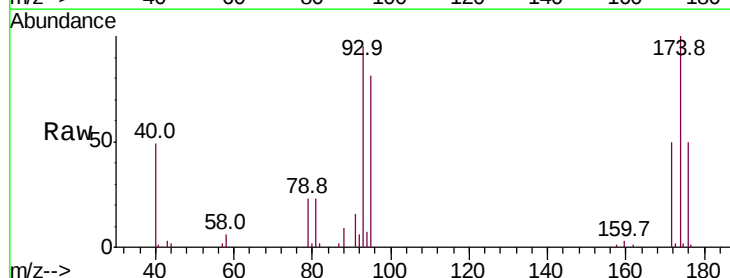
Tgt Ion: 93 Resp: 74856

Ion Ratio Lower Upper

93 100

95 85.5 67.4 101.0

174 105.6 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

40000

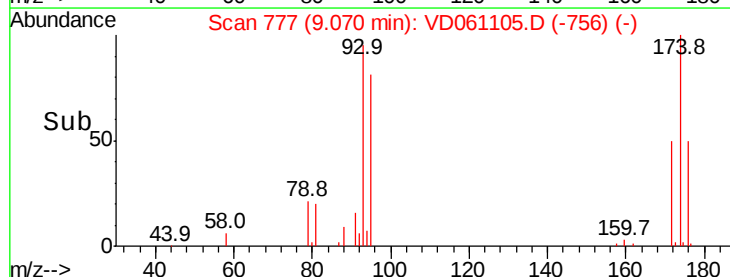
30000

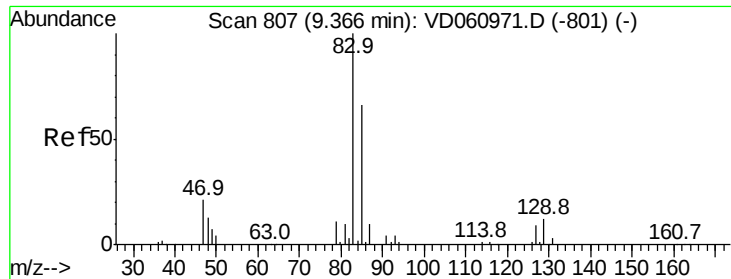
20000

10000

0

Time--> 9.00 9.10 9.20





#47

Bromodichloromethane

Concen: 17.058 ug/l

RT: 9.39 min Scan# 809

Delta R.T. 0.02 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

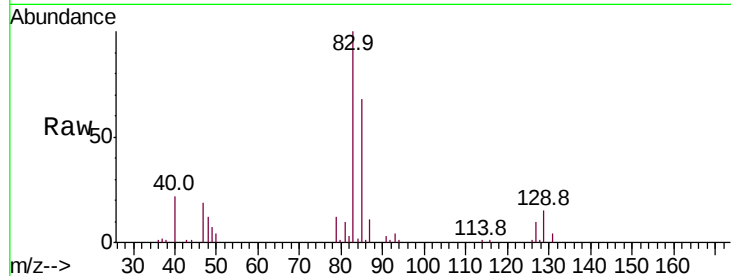
Tot Ion: 83 Resp: 165103

Ion Ratio Lower Upper

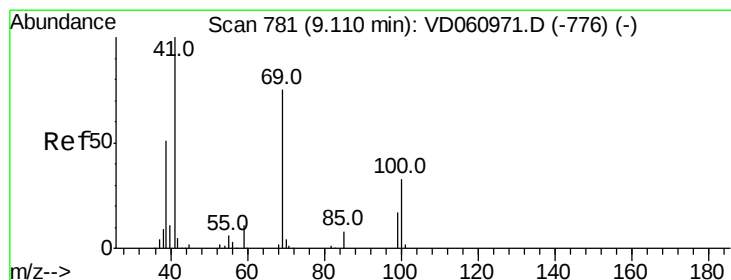
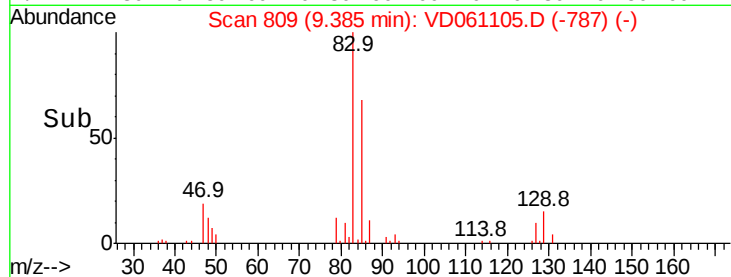
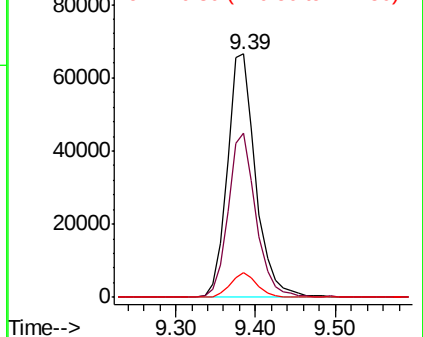
83 100

85 67.6 52.5 78.7

127 10.1 7.5 11.3



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 16.701 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

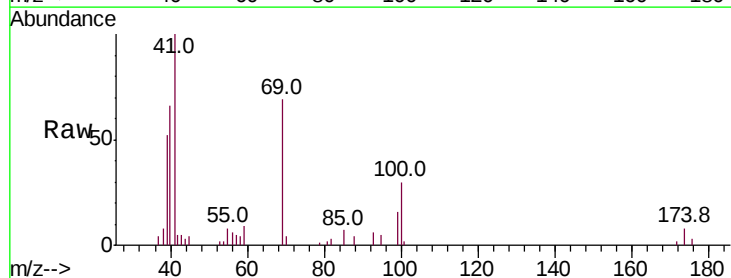
Tgt Ion: 41 Resp: 62951

Ion Ratio Lower Upper

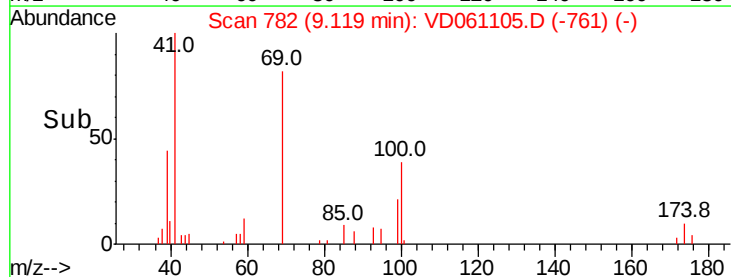
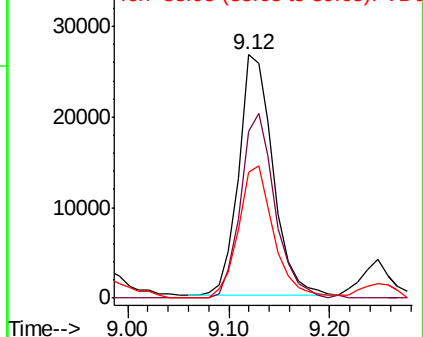
41 100

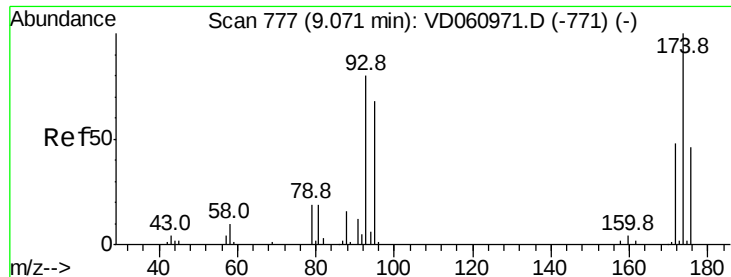
69 68.7 59.9 89.9

39 51.5 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: 354.036 ug/l

RT: 9.09 min Scan# 779

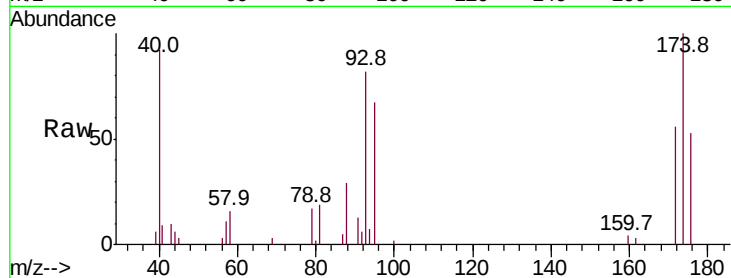
Delta R.T. 0.02 min

Lab File: VD061105.D

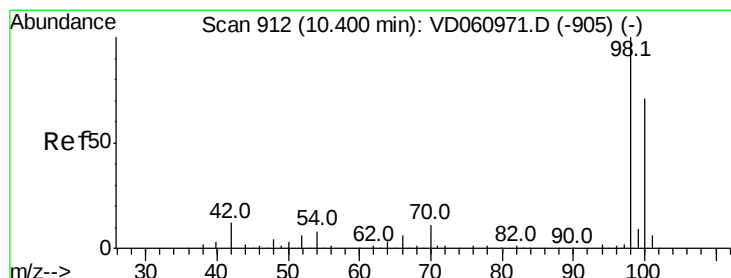
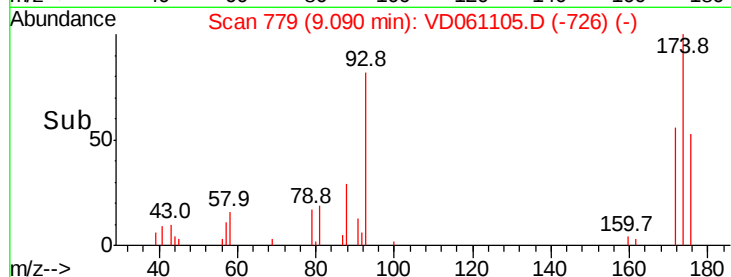
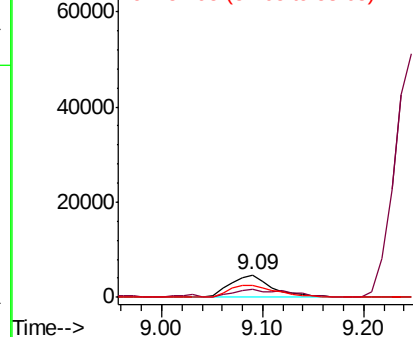
Acq: 16 Mar 2019 13:19

Tot Ion: 88 Resp: 13494

Ion	Ratio	Lower	Upper
88	100		
43	33.9	21.0	31.6#
58	53.6	48.6	72.8



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



#50

Toluene-d8

Concen: 354.036 ug/l

RT: 10.42 min Scan# 914

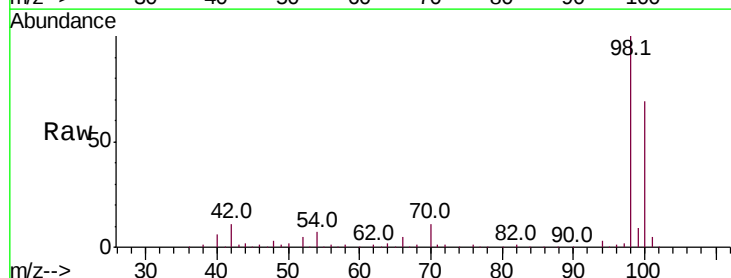
Delta R.T. 0.02 min

Lab File: VD061105.D

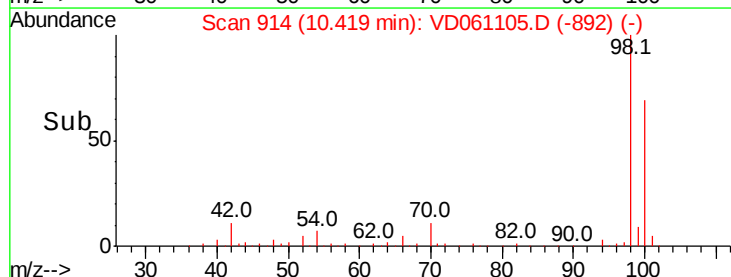
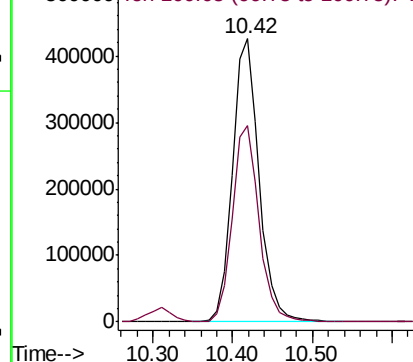
Acq: 16 Mar 2019 13:19

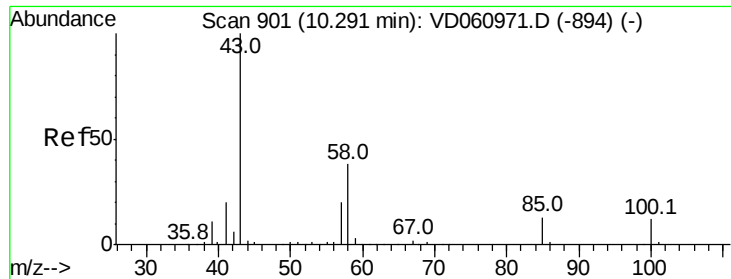
Tgt Ion: 98 Resp: 992370

Ion	Ratio	Lower	Upper
98	100		
100	69.3	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: 88.442 ug/l

RT: 10.31 min Scan# 903

Delta R.T. 0.02 min

Lab File: VD061105.D

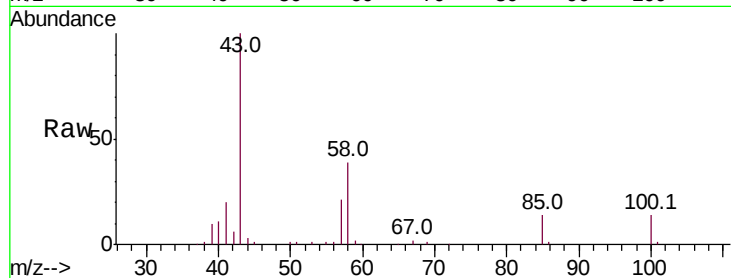
Acq: 16 Mar 2019 13:19

Tot Ion: 43 Resp: 362729

Ion Ratio Lower Upper

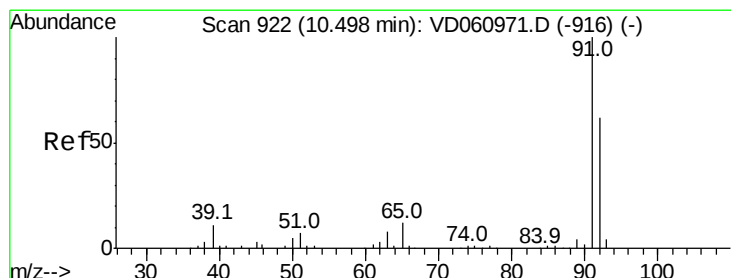
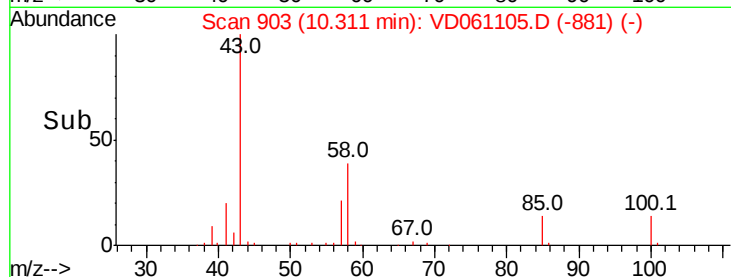
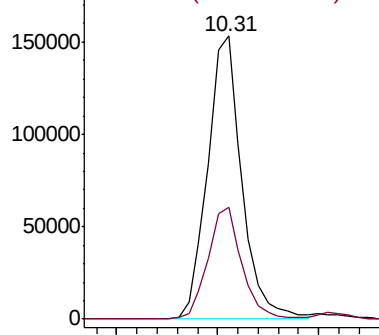
43 100

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: 17.624 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD061105.D

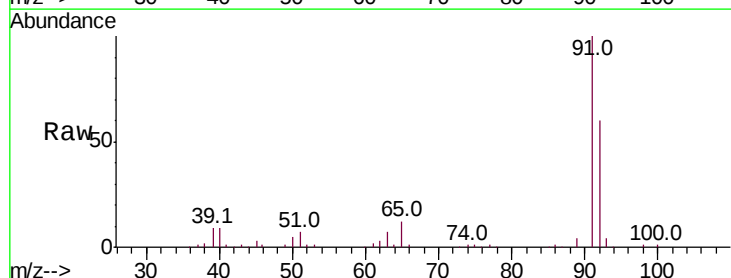
Acq: 16 Mar 2019 13:19

Tgt Ion: 92 Resp: 282067

Ion Ratio Lower Upper

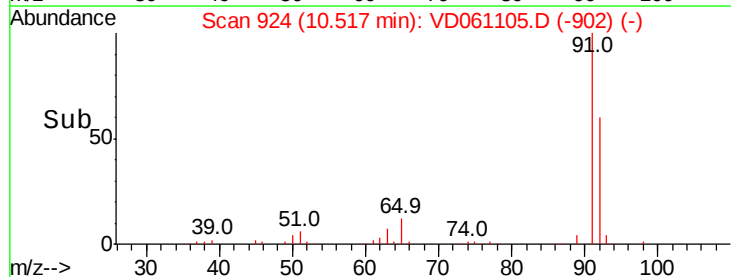
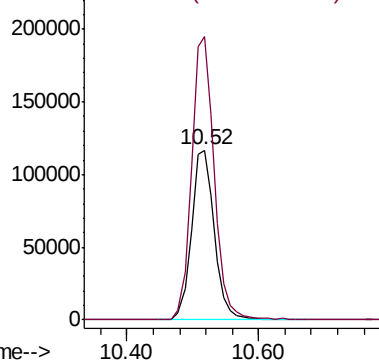
92 100

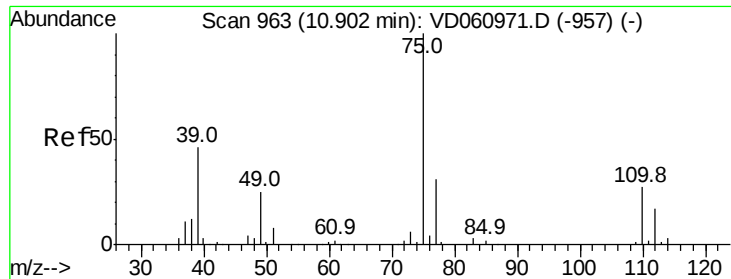
91 166.4 129.8 194.8



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: 17.571 ug/l

RT: 10.92 min Scan# 965

Delta R.T. 0.02 min

Lab File: VD061105.D

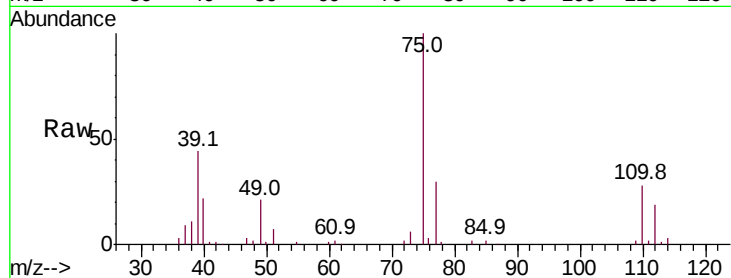
Acq: 16 Mar 2019 13:19

Tot Ion: 75 Resp: 155516

Ion Ratio Lower Upper

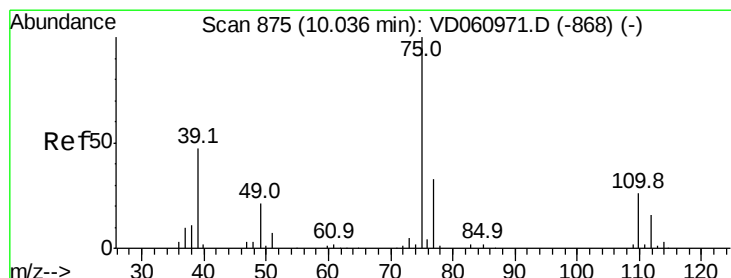
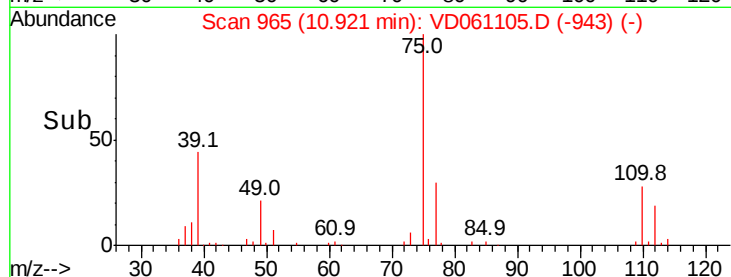
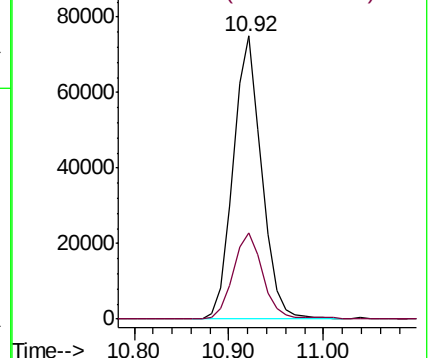
75 100

77 30.4 24.7 37.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 17.519 ug/l

RT: 10.04 min Scan# 876

Delta R.T. 0.01 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

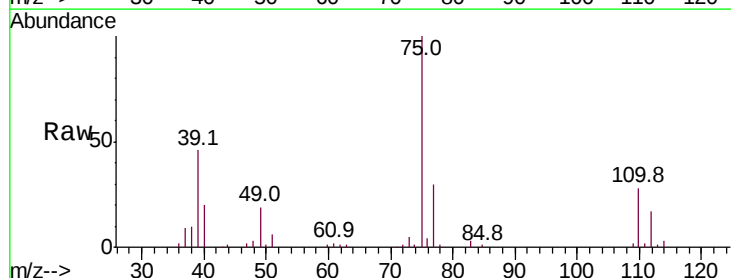
Tgt Ion: 75 Resp: 186300

Ion Ratio Lower Upper

75 100

77 30.2 26.2 39.4

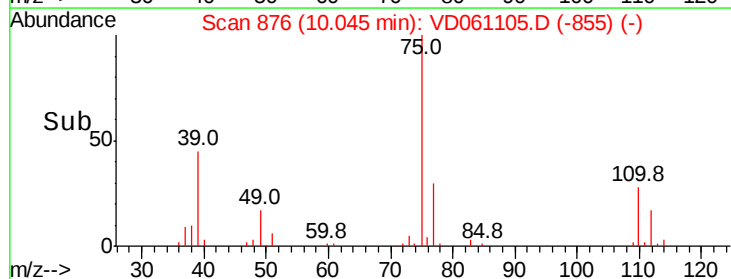
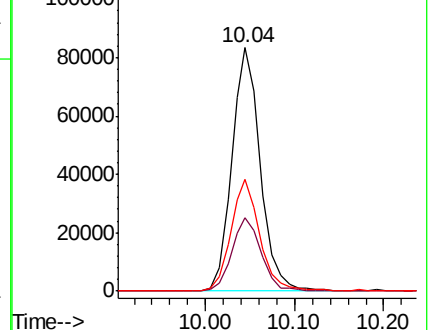
39 46.1 37.8 56.8

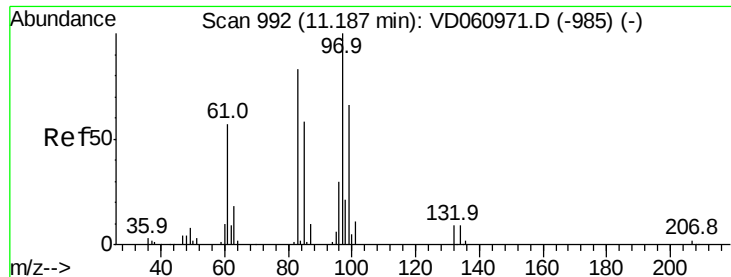


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

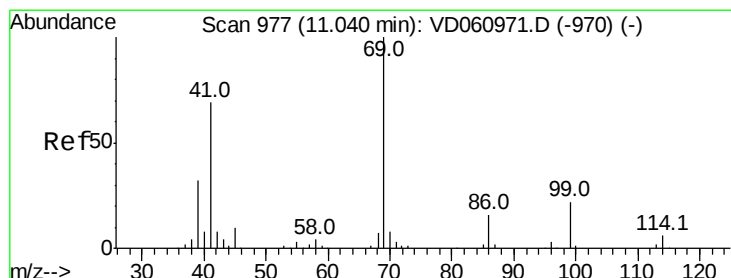
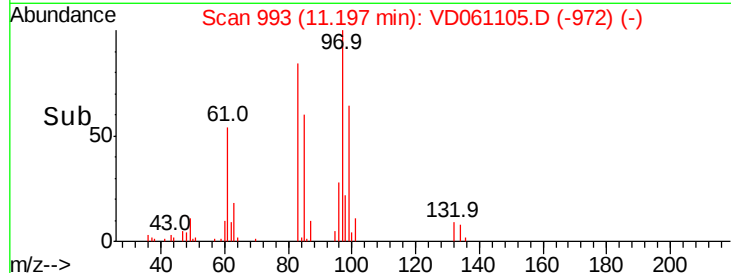
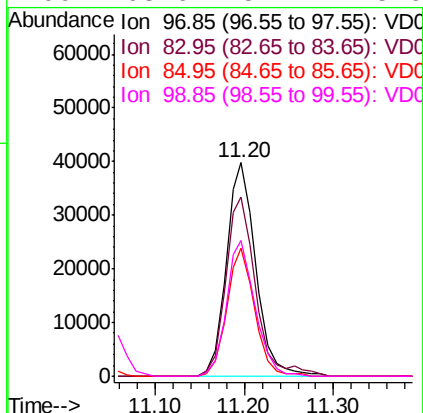
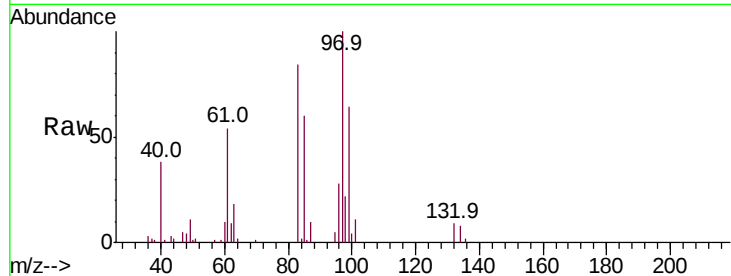
Ion 38.95 (38.65 to 39.65): VDC





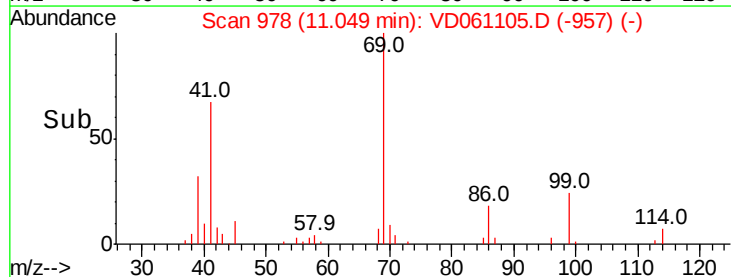
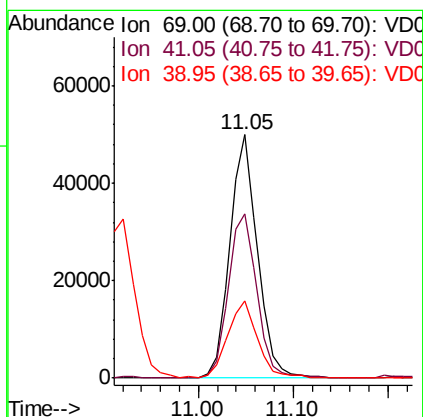
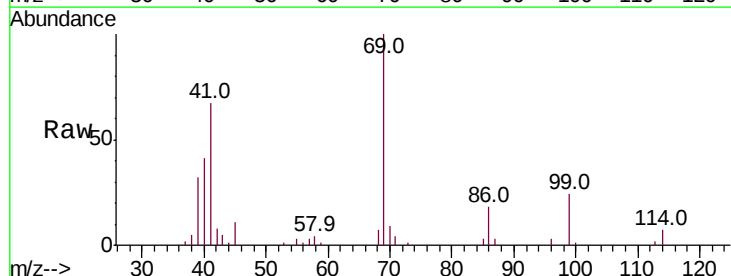
#55
1,1,2-Trichloroethane
Concen: 17.263 ug/l
RT: 11.20 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

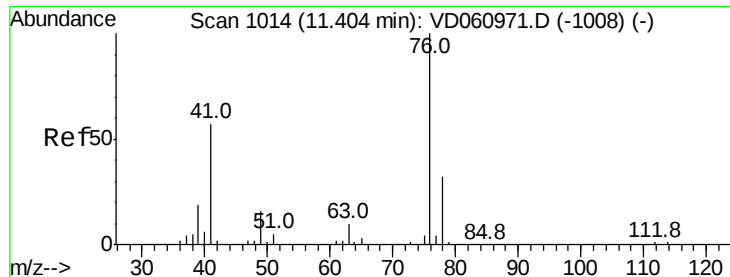
Tot Ion:	97	Resp:	92011
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.6	100.0
85	60.0	46.4	69.6
99	63.6	52.4	78.6



#56
Ethyl methacrylate
Concen: 17.985 ug/l
RT: 11.05 min Scan# 978
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion:	69	Resp:	100337
Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.5	83.3
39	32.0	26.2	39.2





#57

1,3-Dichloropropane

Concen: 18.531 ug/l

RT: 11.41 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VD061105.D

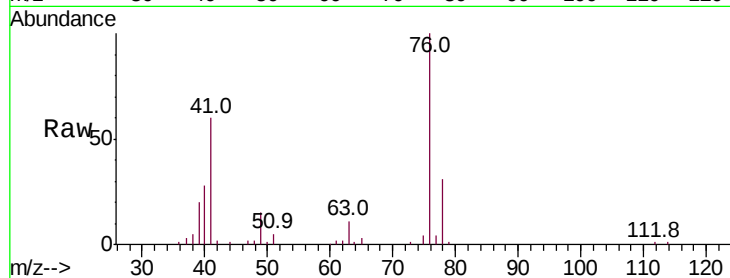
Acq: 16 Mar 2019 13:19

Tot Ion: 76 Resp: 147601

Ion Ratio Lower Upper

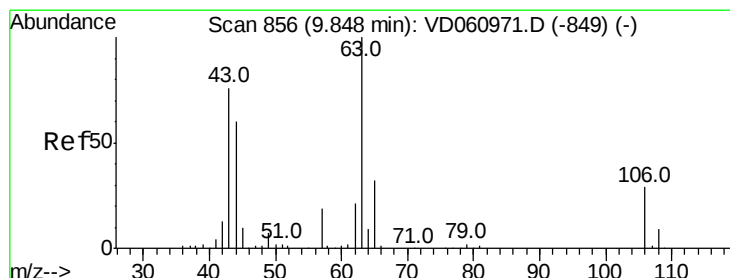
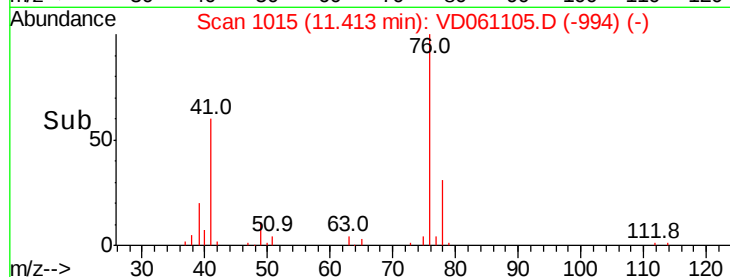
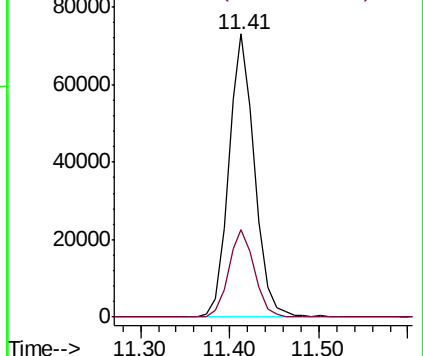
76 100

78 30.9 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: 84.404 ug/l

RT: 9.87 min Scan# 858

Delta R.T. 0.02 min

Lab File: VD061105.D

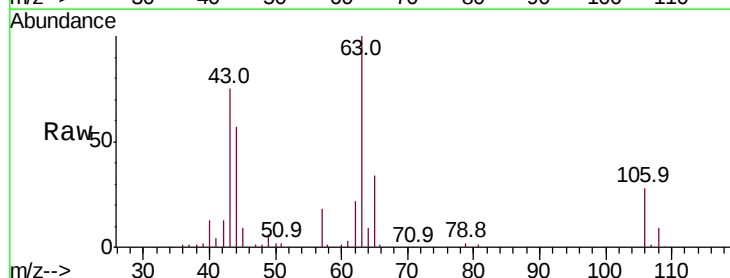
Acq: 16 Mar 2019 13:19

Tgt Ion: 63 Resp: 249249

Ion Ratio Lower Upper

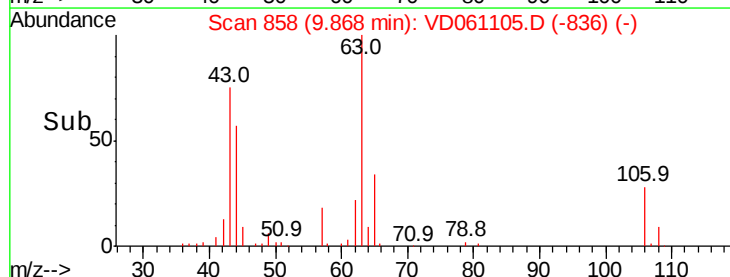
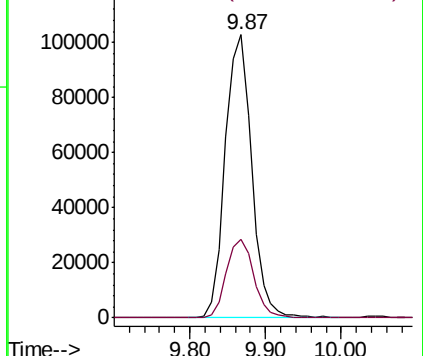
63 100

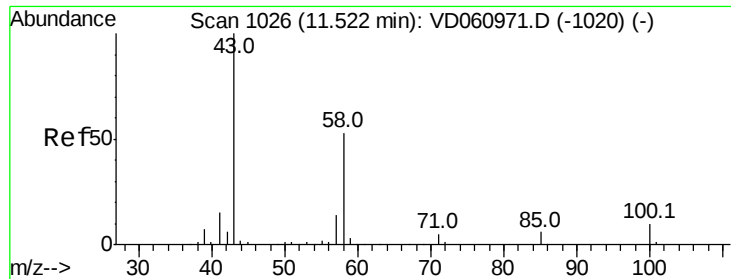
106 27.9 22.8 34.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

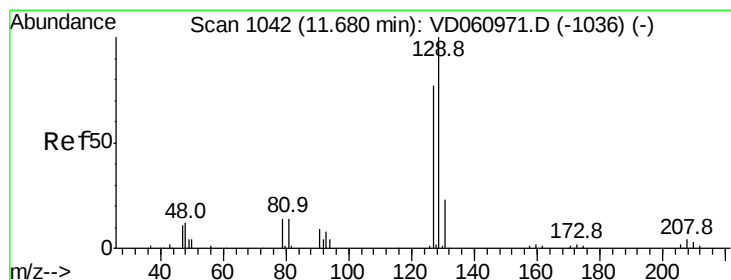
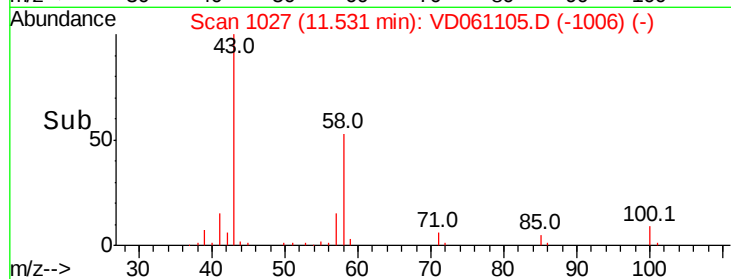
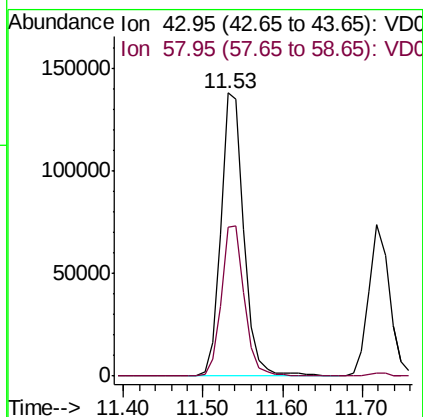
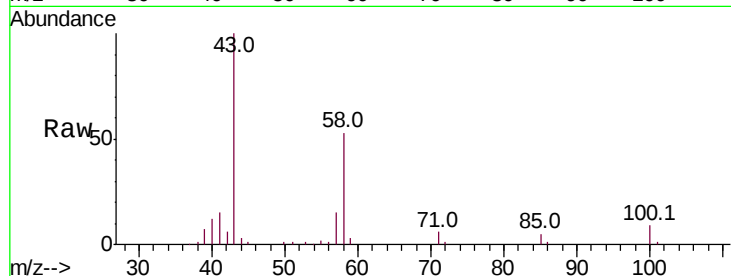
Ion 105.95 (105.65 to 106.65): V





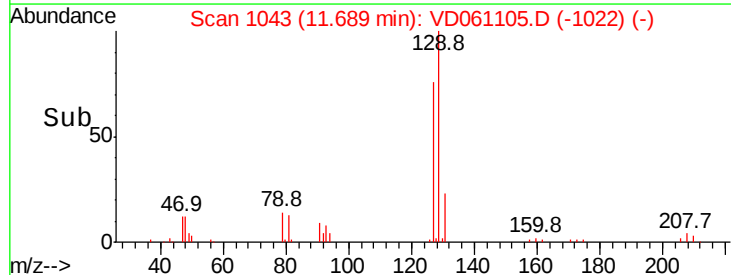
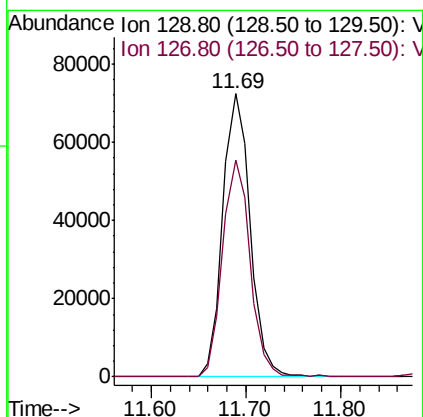
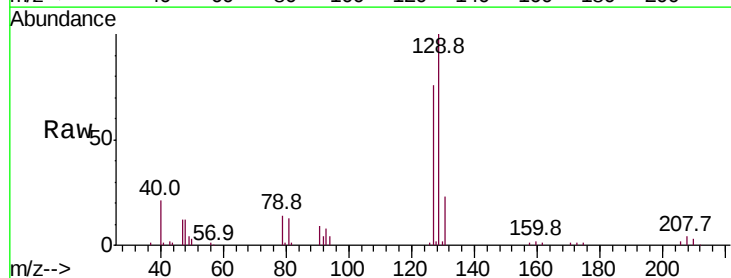
#59
2-Hexanone
Concen: 93.840 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

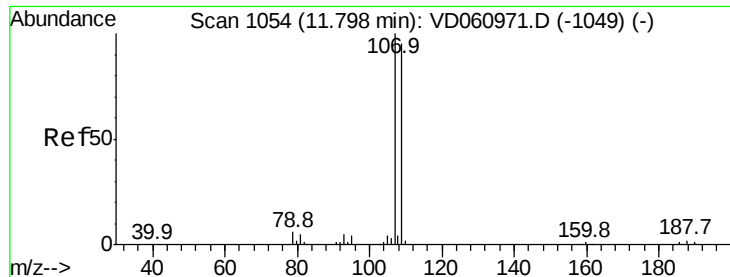
Tot Ion: 43 Resp: 281529
Ion Ratio Lower Upper
43 100
58 52.6 26.5 79.5



#60
Dibromochloromethane
Concen: 18.524 ug/l
RT: 11.69 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

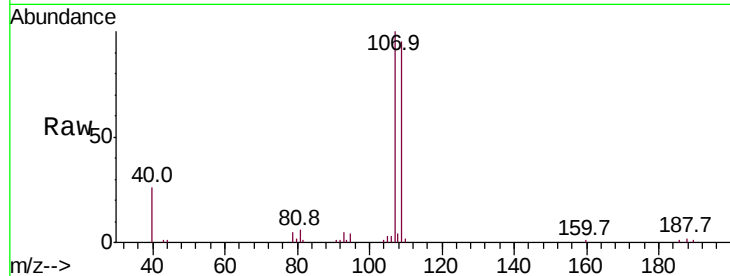
Tgt Ion: 129 Resp: 145308
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9



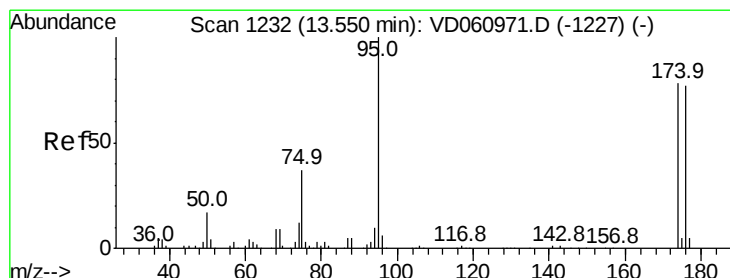
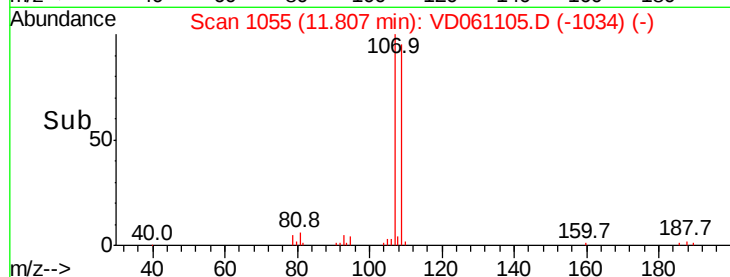
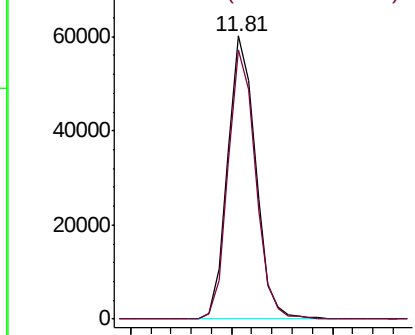


#61
1,2-Dibromoethane
Concen: 18.573 ug/l
RT: 11.81 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tot Ion:107 Resp: 115156
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

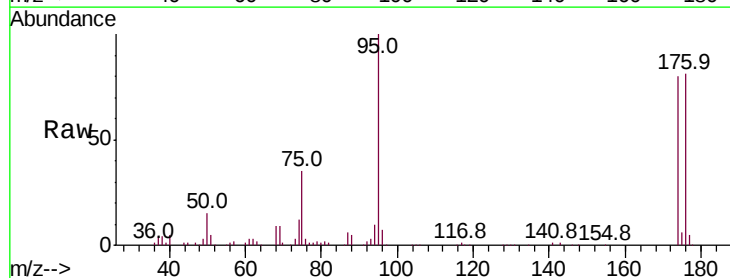


Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.90 (108.60 to 109.60): V

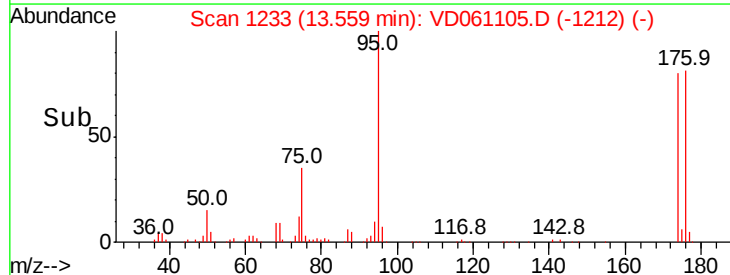
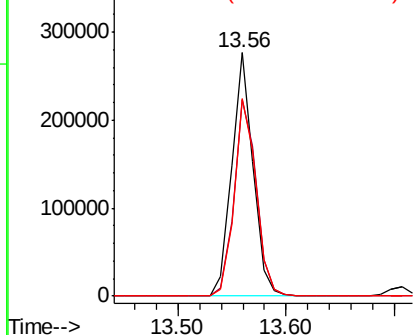


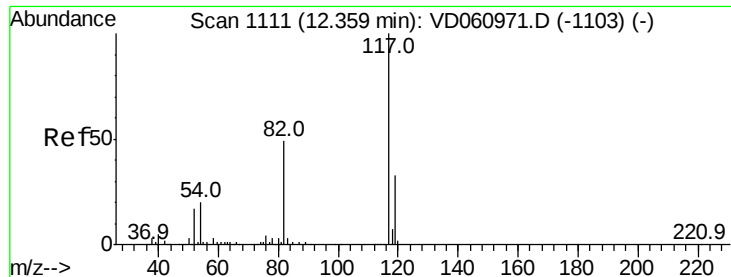
#62
4-Bromofluorobenzene
Concen: 18.573 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion: 95 Resp: 379238
Ion Ratio Lower Upper
95 100
174 80.4 0.0 155.6
176 81.2 0.0 153.8



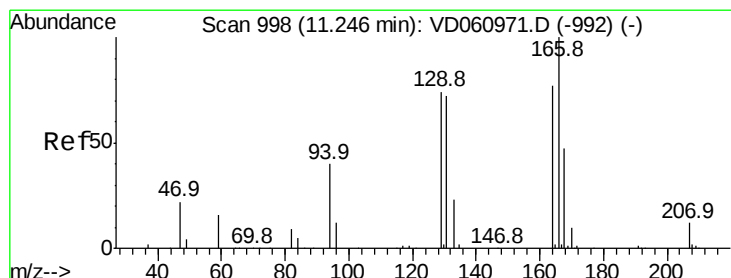
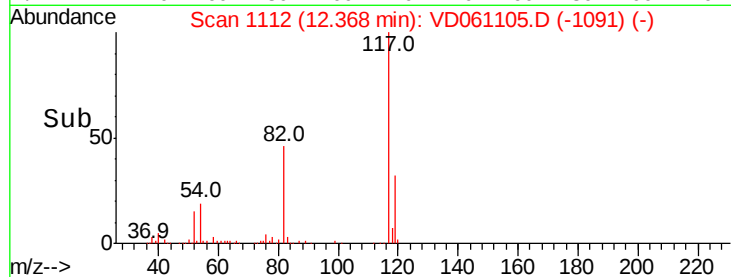
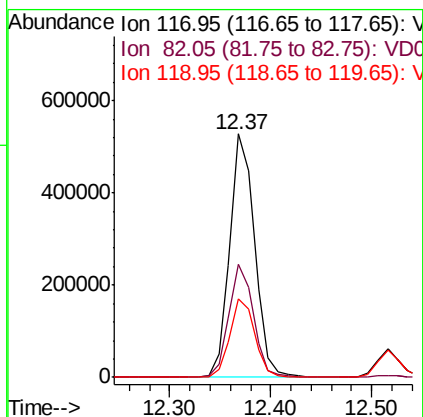
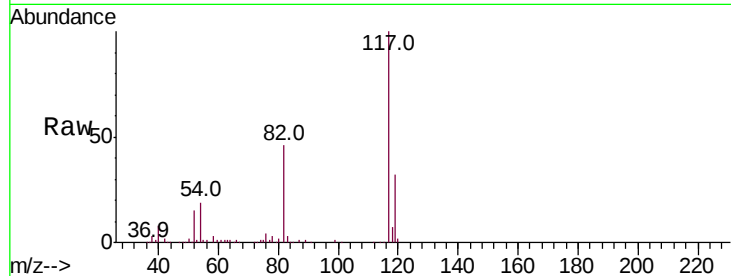
Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V





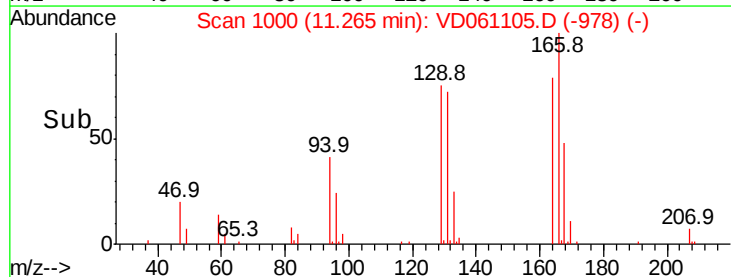
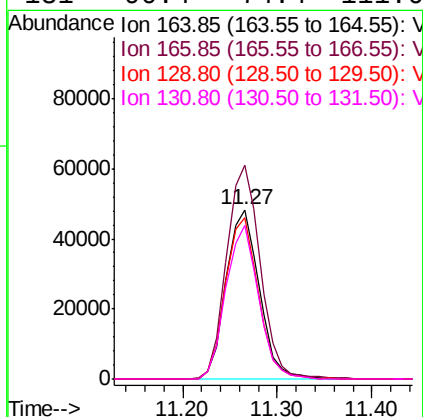
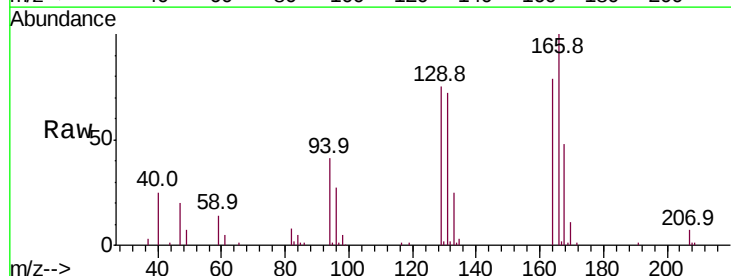
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

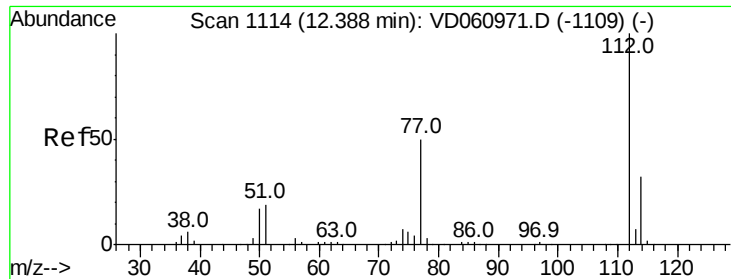
Tot Ion	Ratio	Lower	Upper
117	100		
82	46.5	38.9	58.3
119	32.4	26.6	39.8



#64
Tetrachloroethene
Concen: 19.092 ug/l
RT: 11.27 min Scan# 1000
Delta R.T. 0.02 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

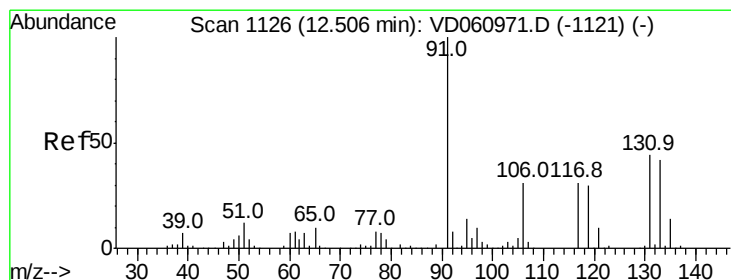
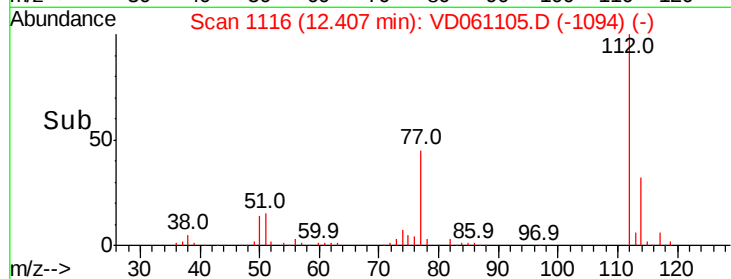
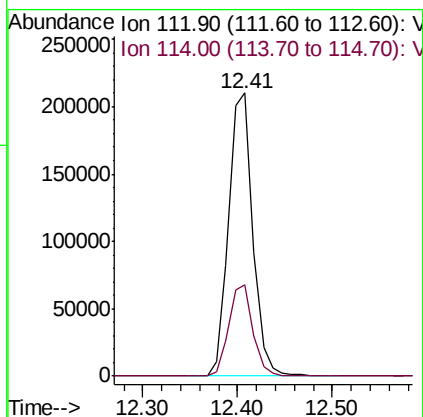
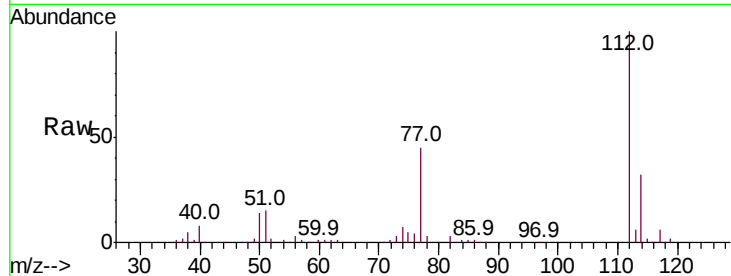
Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	103.4	155.0
129	95.0	76.9	115.3
131	90.4	74.4	111.6





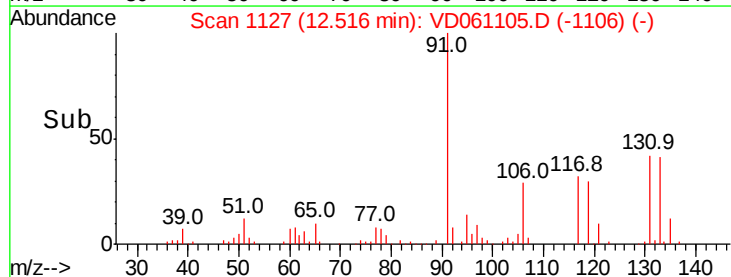
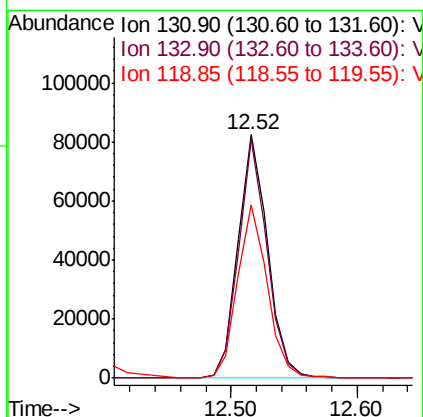
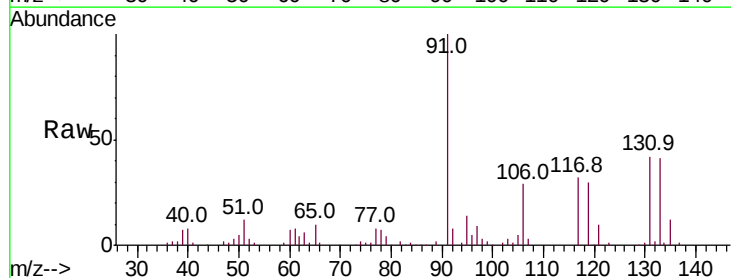
#65
Chlorobenzene
Concen: 20.933 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.02 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

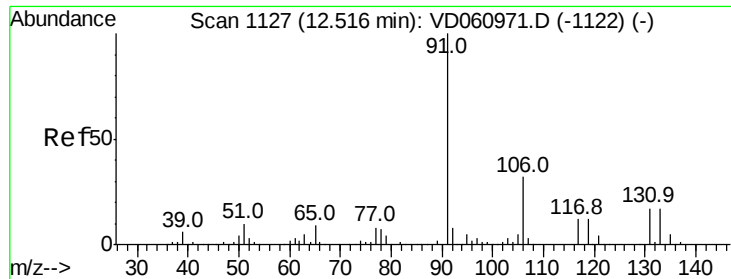
Tot Ion:112 Resp: 371394
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.026 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

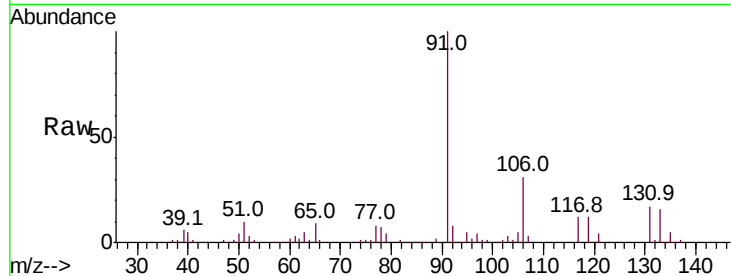
Tgt Ion:131 Resp: 132972
Ion Ratio Lower Upper
131 100
133 98.1 47.8 143.3
119 71.2 34.3 102.9



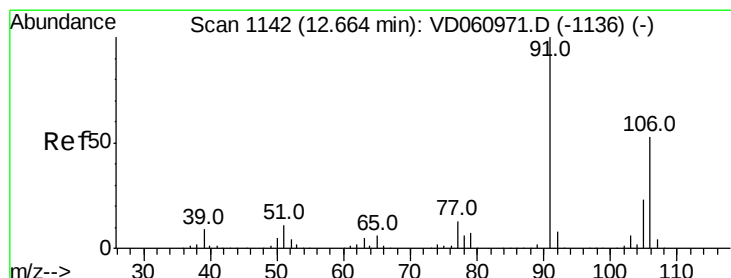
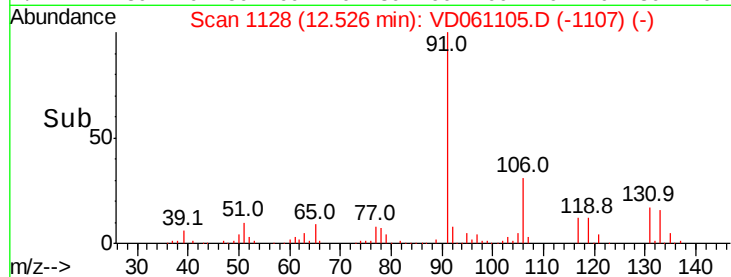
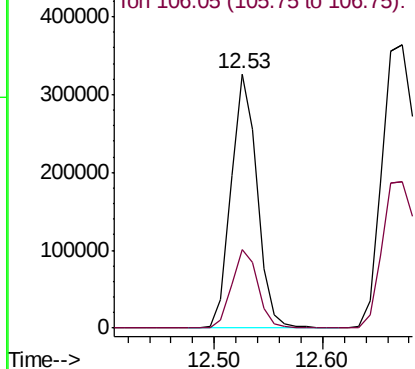


#67
Ethyl Benzene
Concen: 20.589 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tot Ion: 91 Resp: 543828
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5

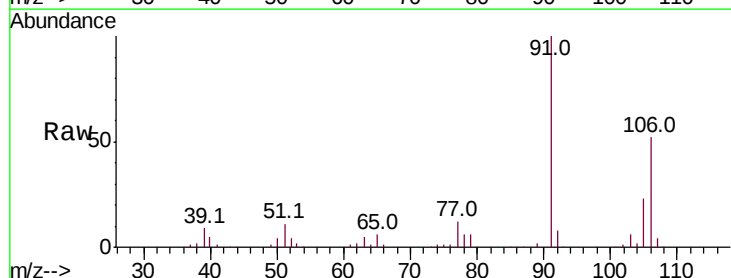


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

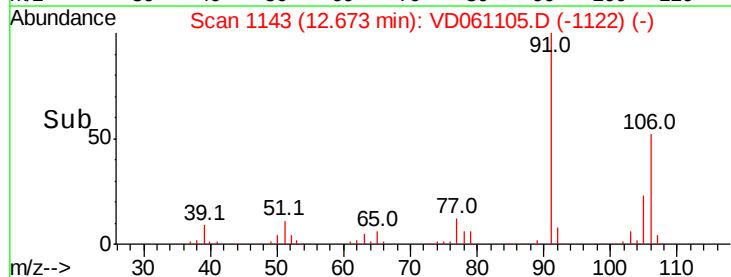
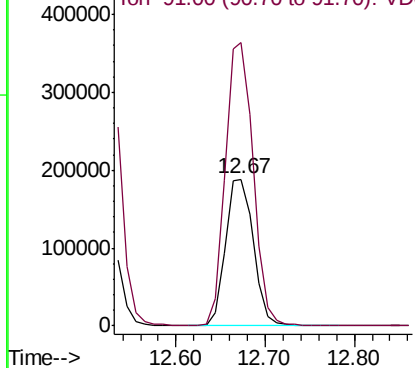


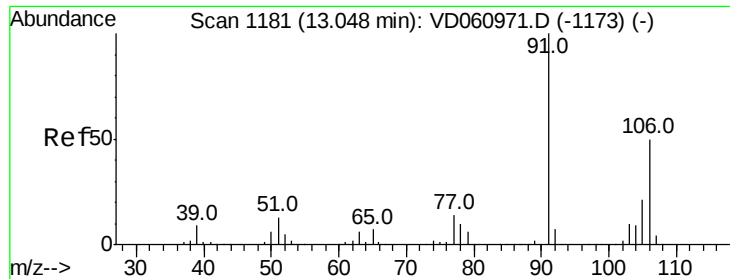
#68
m/p-Xylenes
Concen: 40.118 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion: 106 Resp: 415910
Ion Ratio Lower Upper
106 100
91 192.7 152.0 228.0



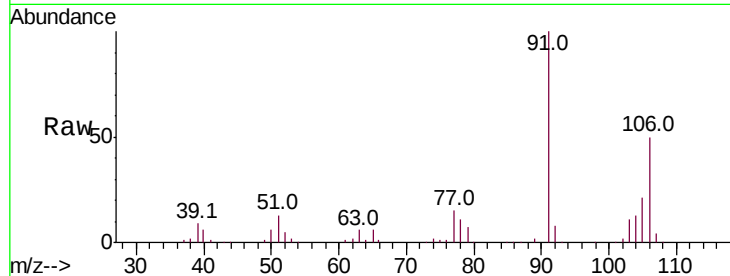
Abundance Ion 106.05 (105.75 to 106.75): VDC
Ion 91.00 (90.70 to 91.70): VDC



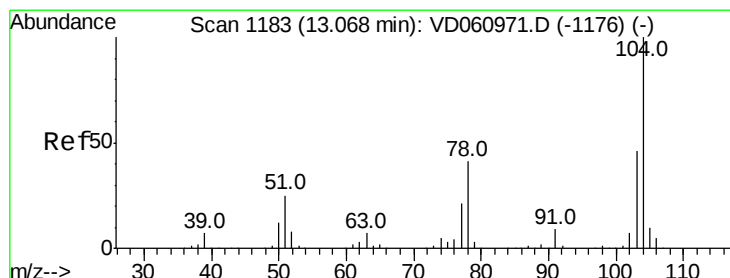
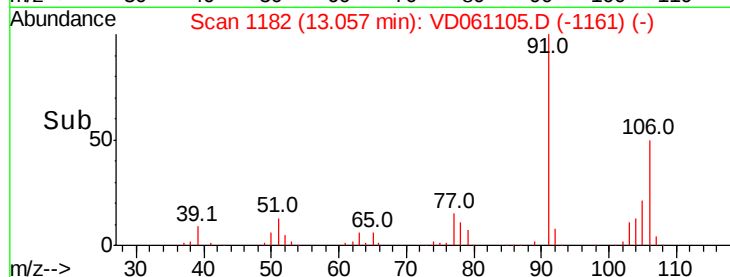
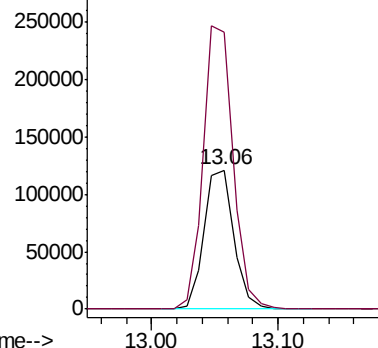


#69
o-Xylene
Concen: 19.421 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tot Ion:106 Resp: 197904
Ion Ratio Lower Upper
106 100
91 200.1 99.8 299.3

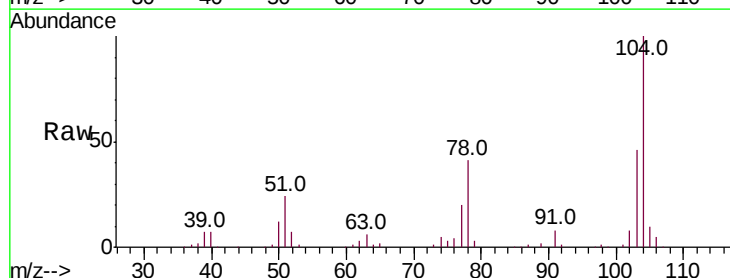


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

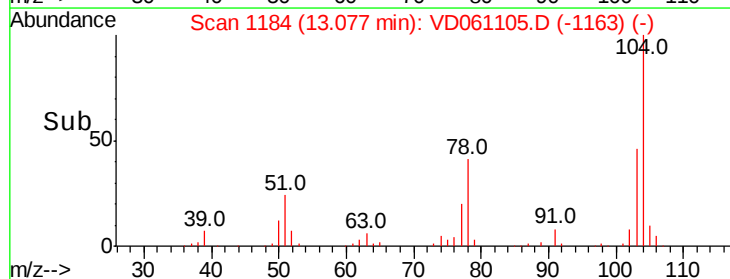
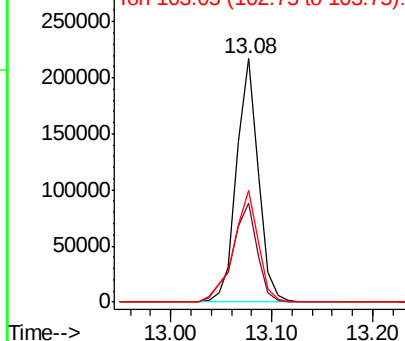


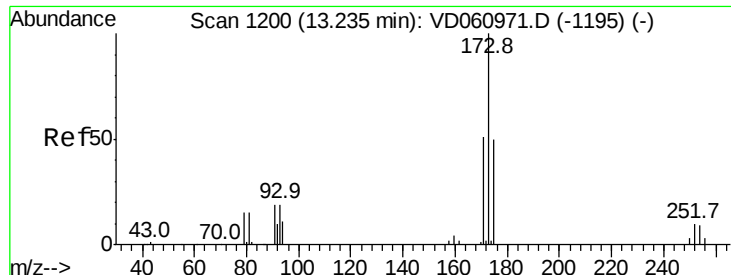
#70
Styrene
Concen: 19.430 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion:104 Resp: 323310
Ion Ratio Lower Upper
104 100
78 40.9 33.0 49.4
103 46.1 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: 20.493 ug/l

RT: 13.23 min Scan# 1200

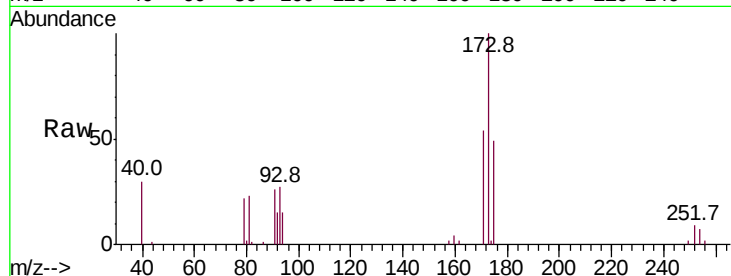
Delta R.T. -0.00 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

Tot Ion:173 Resp: 83606

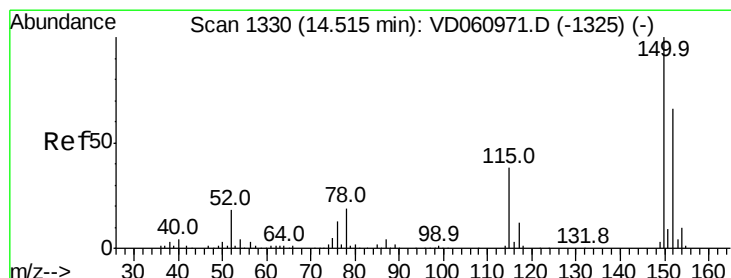
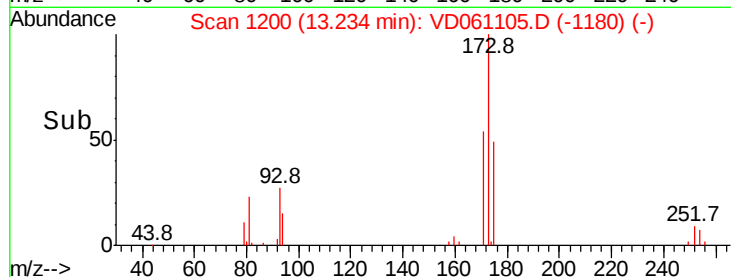
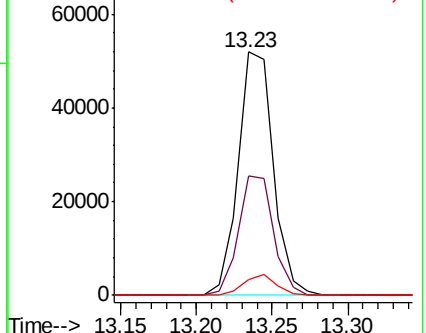
Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.9	74.8
254	6.6	7.3	10.9#



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

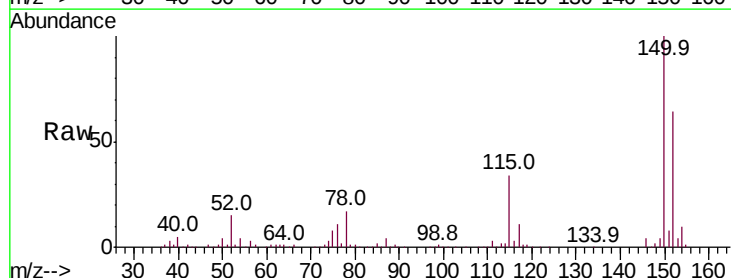
Delta R.T. 0.01 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

Tgt Ion:152 Resp: 406262

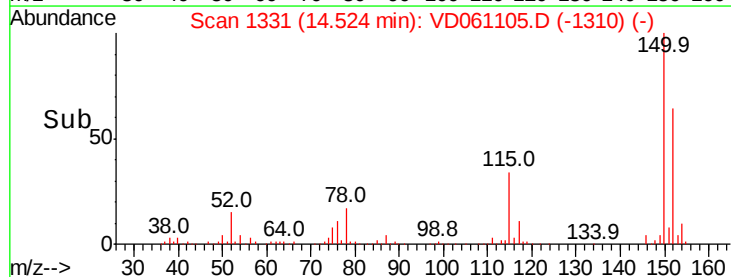
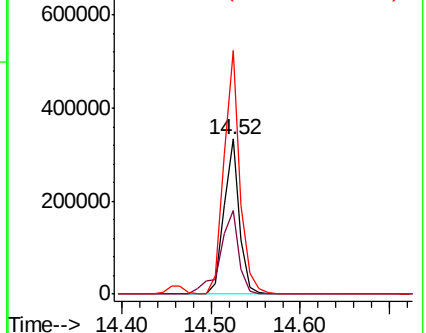
Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.6	85.9
150	157.1	0.0	310.6

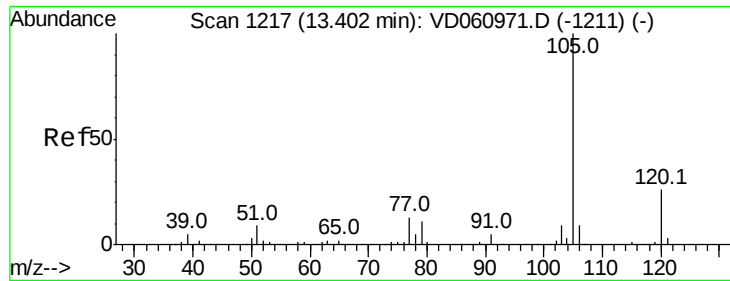


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.739 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD061105.D

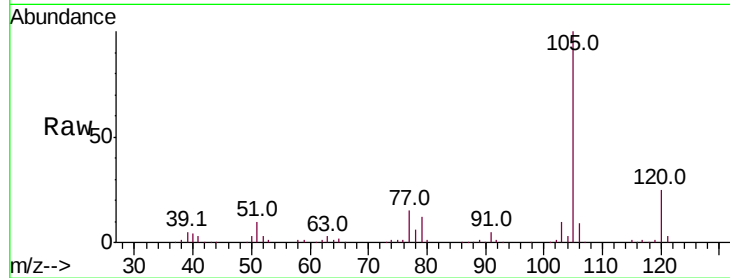
Acq: 16 Mar 2019 13:19

Tot Ion:105 Resp: 577917

Ion Ratio Lower Upper

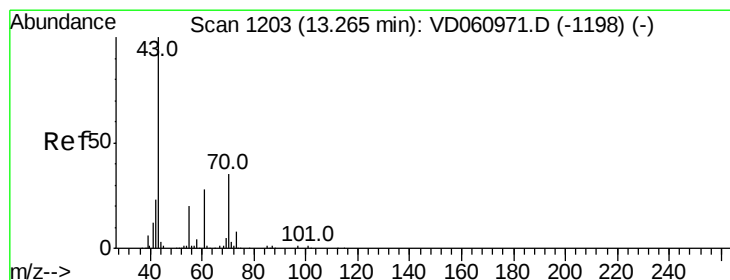
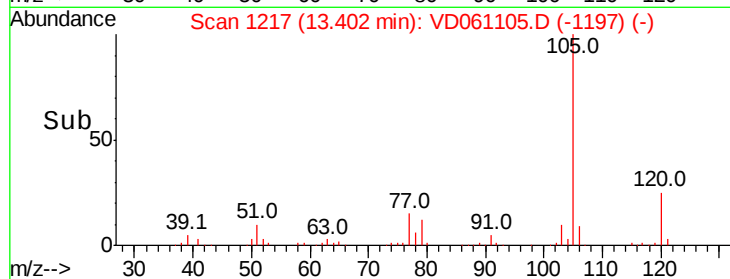
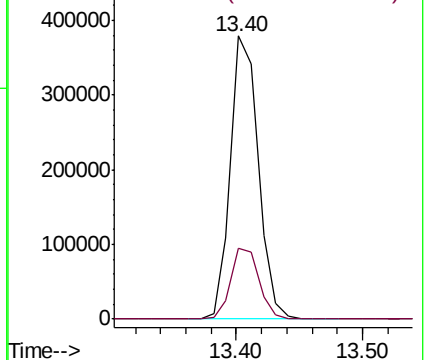
105 100

120 24.9 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: 18.360 ug/l

RT: 13.26 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

Tgt Ion: 43 Resp: 151366

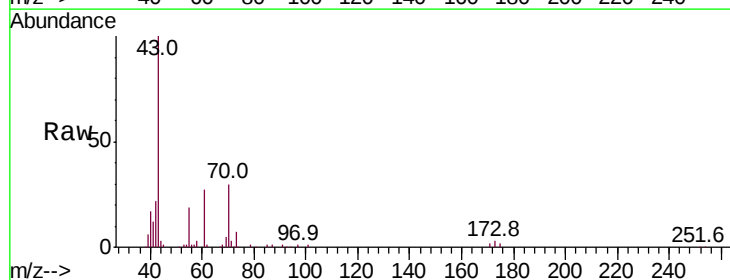
Ion Ratio Lower Upper

43 100

70 29.5 27.7 41.5

55 18.9 16.2 24.2

61 26.6 22.3 33.5

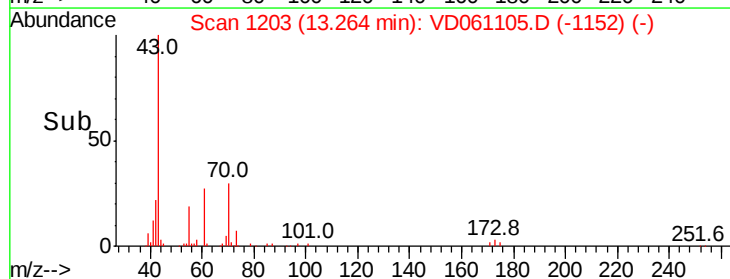
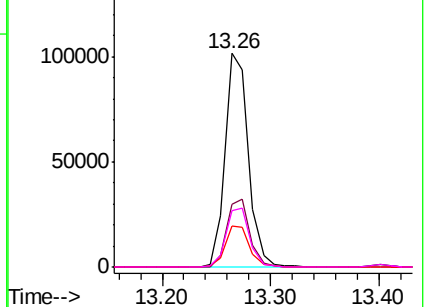


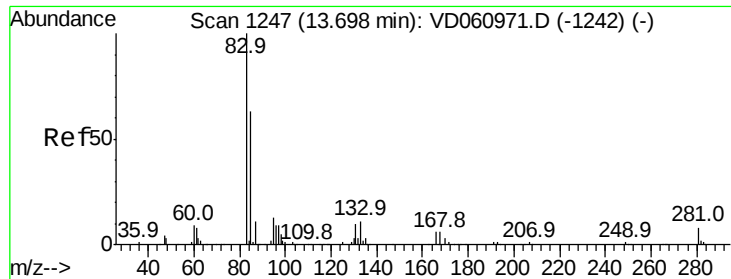
Abundance Ion 42.95 (42.65 to 43.65): V

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: 18.529 ug/l

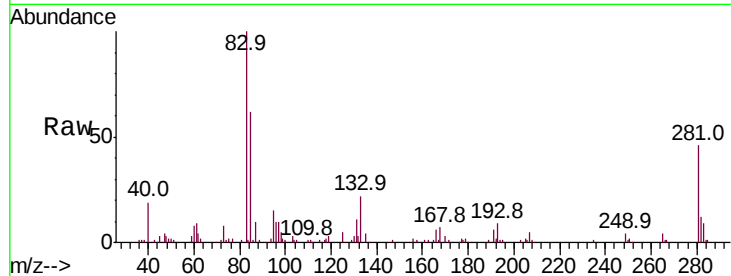
RT: 13.71 min Scan# 1248

Delta R.T. 0.01 min

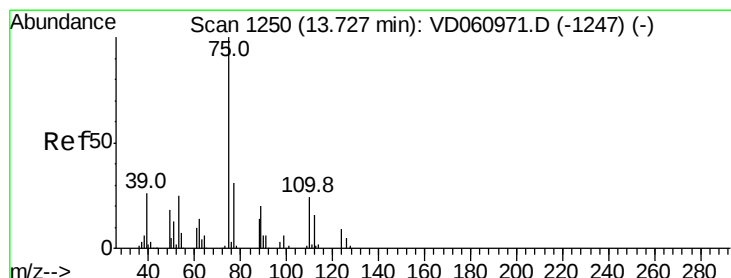
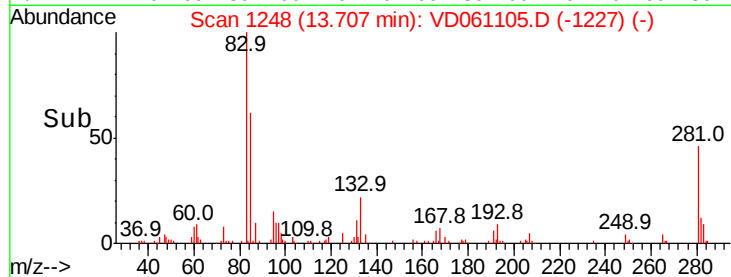
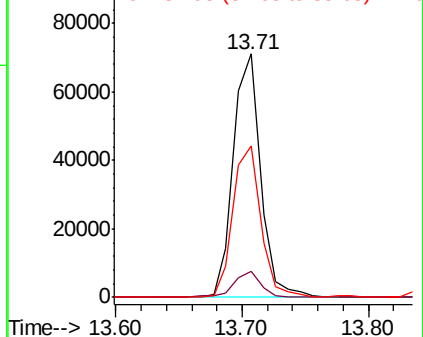
Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

Tot Ion:	83	Resp:	105847
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.3
85	62.4	31.5	94.5



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



#76

1,2,3-Trichloropropane

Concen: 19.674 ug/l

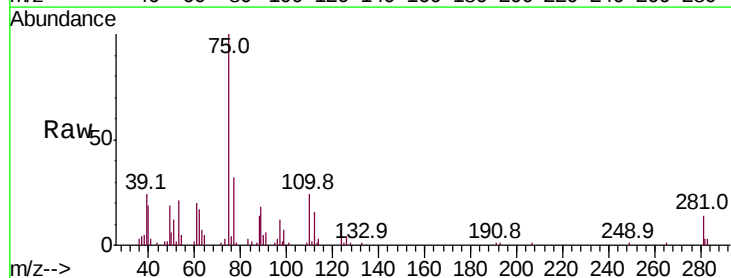
RT: 13.74 min Scan# 1251

Delta R.T. 0.01 min

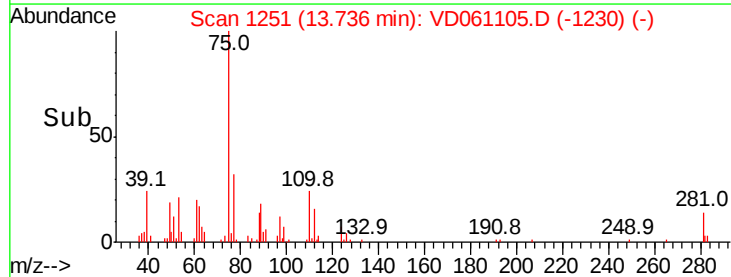
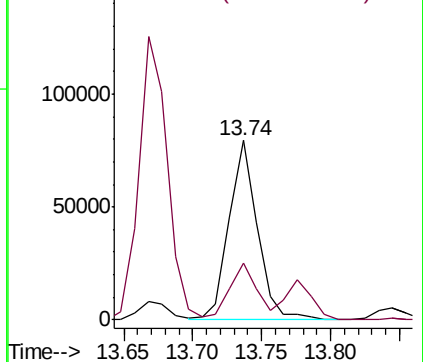
Lab File: VD061105.D

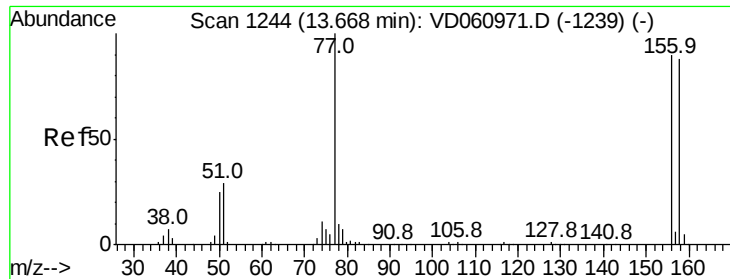
Acq: 16 Mar 2019 13:19

Tgt Ion:	75	Resp:	114993
Ion	Ratio	Lower	Upper
75	100		
77	32.0	16.6	49.7



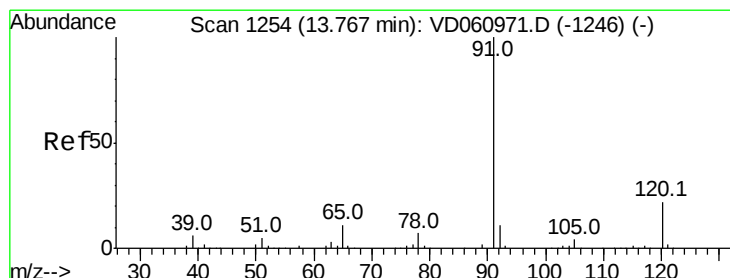
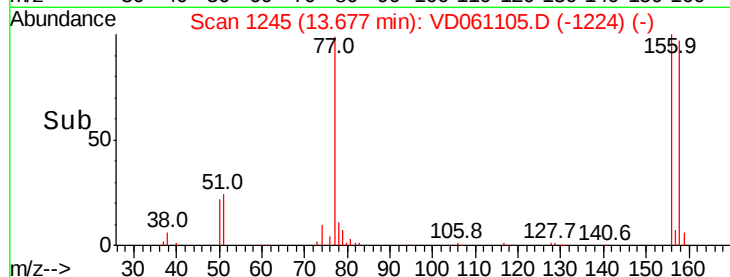
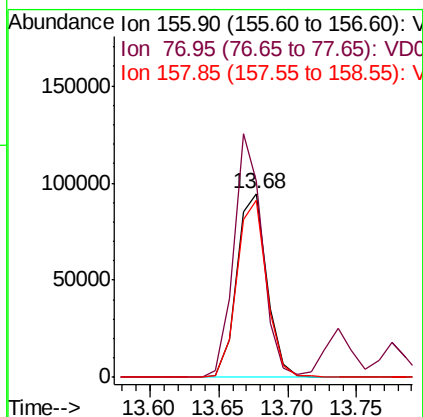
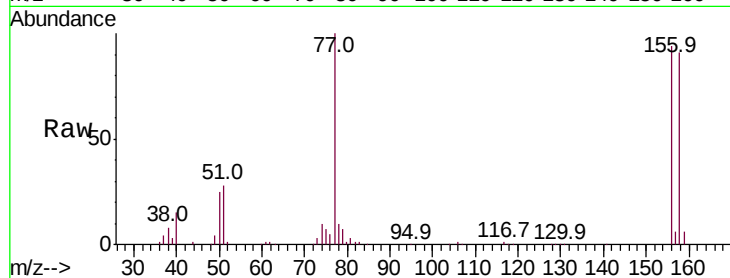
Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





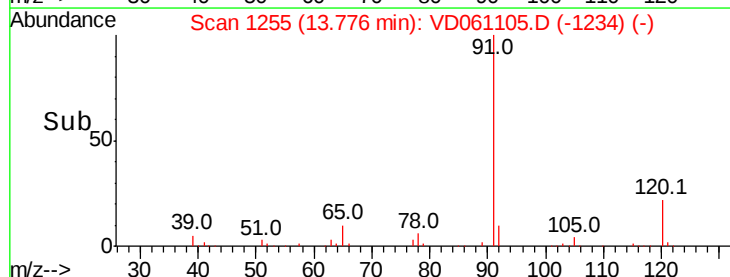
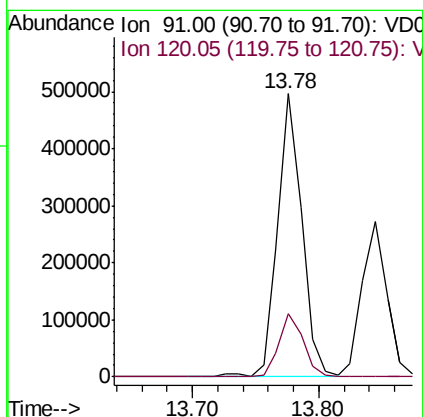
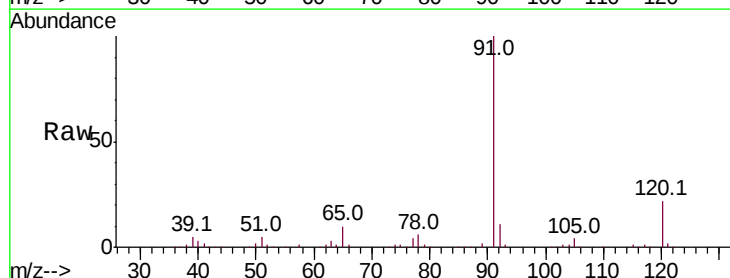
#77
Bromobenzene
Concen: 19.221 ug/l
RT: 13.68 min Scan# 1245
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

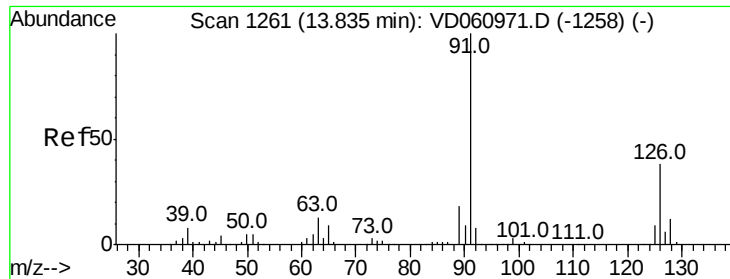
Tot Ion:156 Resp: 143659
Ion Ratio Lower Upper
156 100
77 106.6 55.5 166.7
158 96.6 49.0 147.0



#78
n-propylbenzene
Concen: 19.410 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

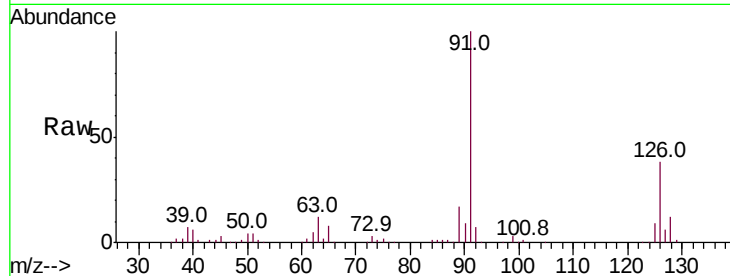
Tgt Ion: 91 Resp: 665312
Ion Ratio Lower Upper
91 100
120 22.4 10.8 32.3



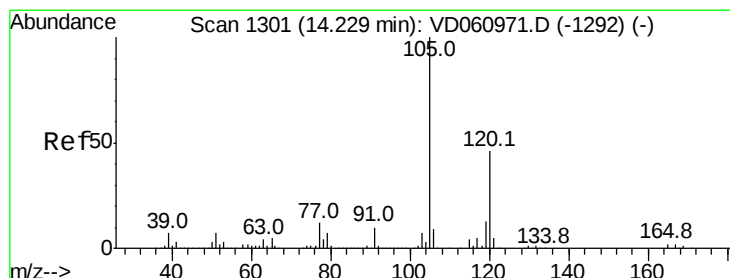
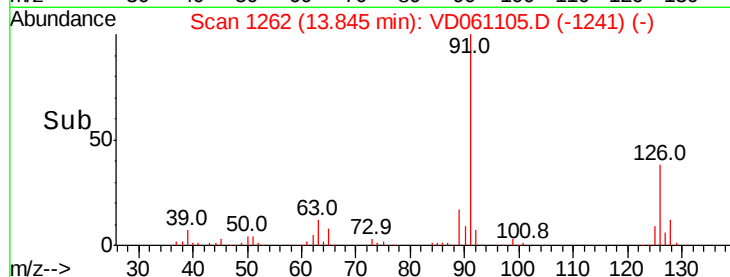
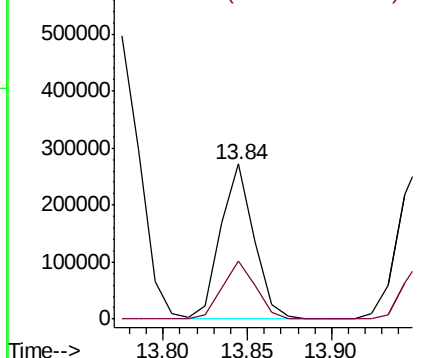


#79
 2-Chlorotoluene
 Concen: 19.568 ug/l
 RT: 13.84 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tot Ion: 91 Resp: 369255
 Ion Ratio Lower Upper
 91 100
 126 37.6 18.6 55.6

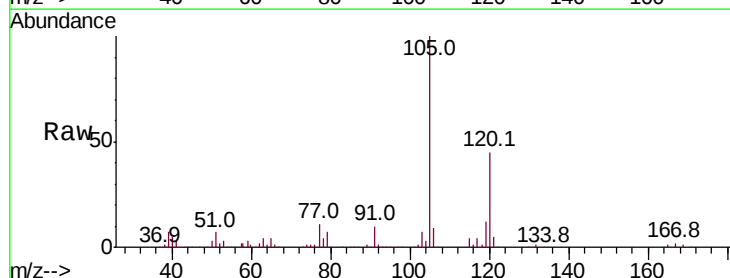


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

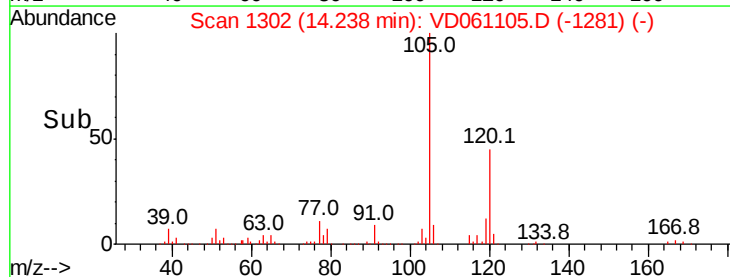
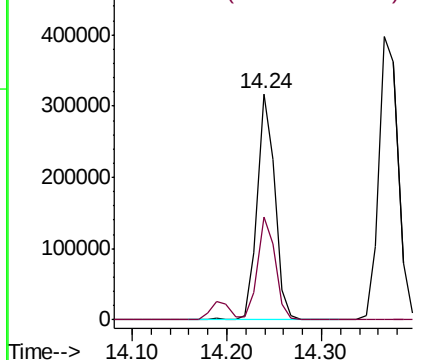


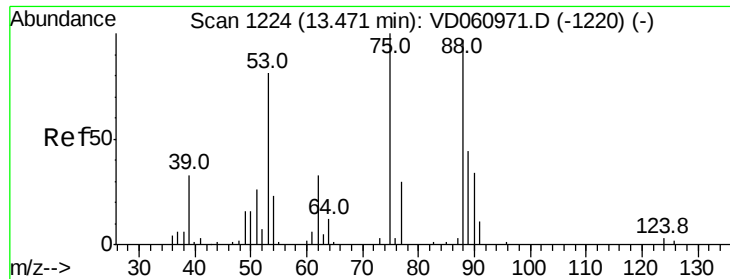
#80
 1,3,5-Trimethylbenzene
 Concen: 18.561 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tgt Ion:105 Resp: 412566
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.5



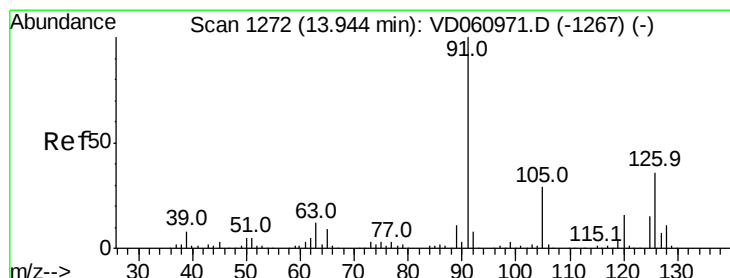
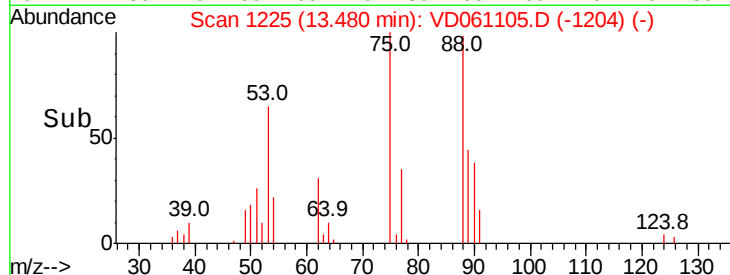
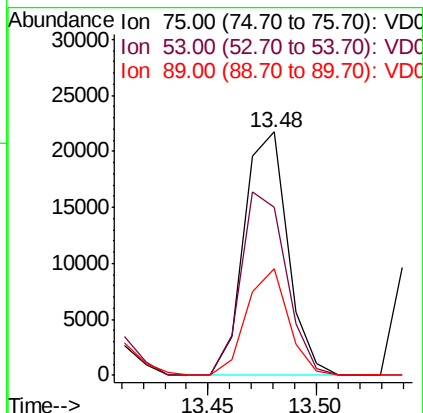
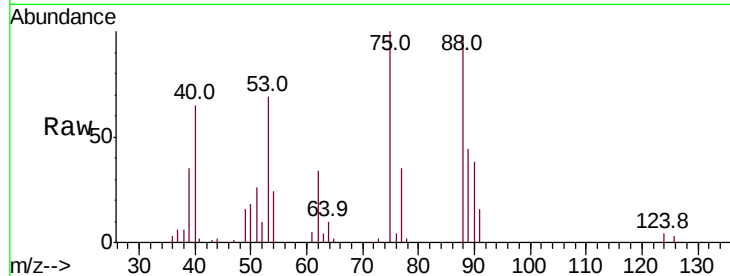
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





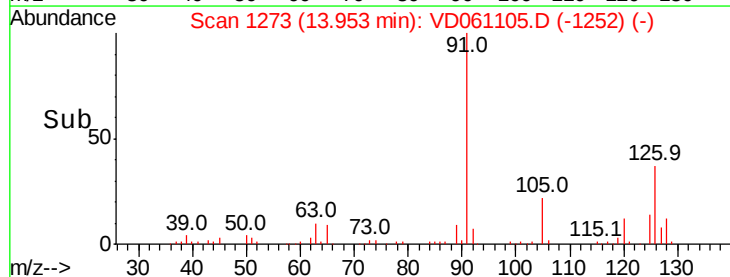
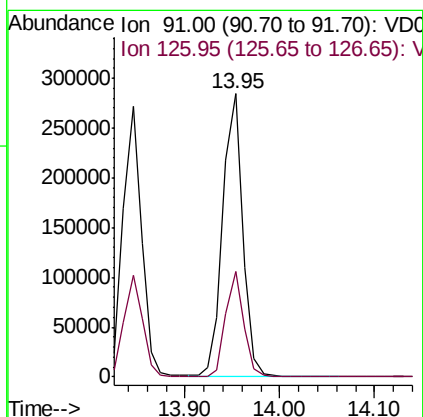
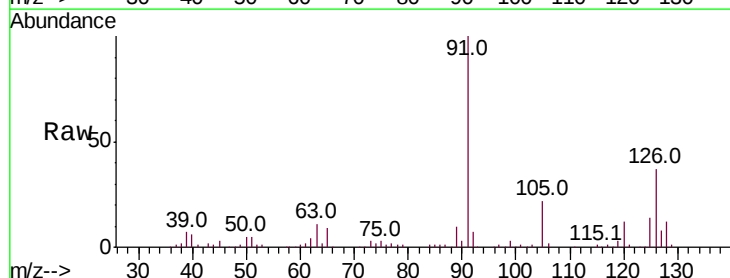
#81
trans-1,4-Dichloro-2-butene
Concen: 17.637 ug/l
RT: 13.48 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

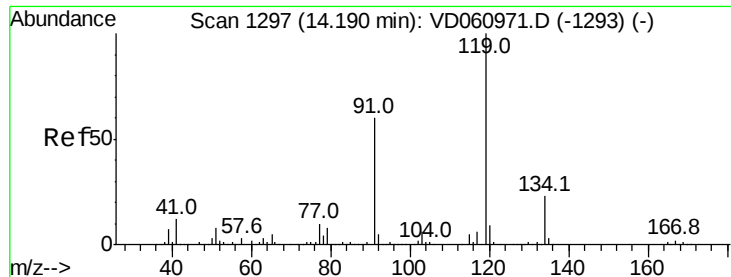
Tot Ion: 75 Resp: 30391
Ion Ratio Lower Upper
75 100
53 69.1 64.4 96.6
89 43.7 34.8 52.2



#82
4-Chlorotoluene
Concen: 18.648 ug/l
RT: 13.95 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion: 91 Resp: 416005
Ion Ratio Lower Upper
91 100
126 37.0 18.0 54.0





#83

tert-Butylbenzene

Concen: 20.494 ug/l

RT: 14.19 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

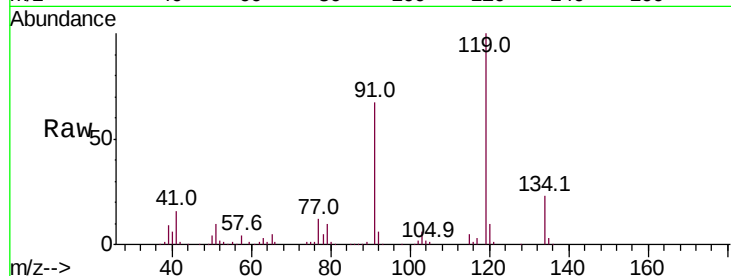
Tot Ion:119 Resp: 498525

Ion Ratio Lower Upper

119 100

91 67.4 30.1 90.3

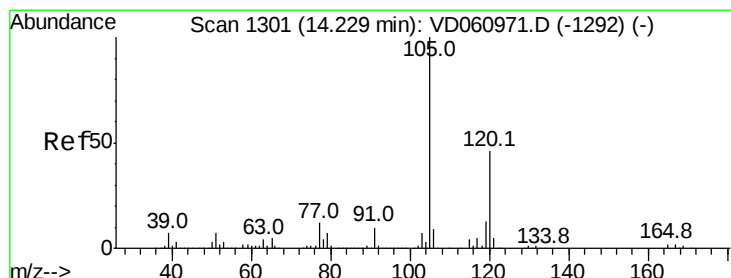
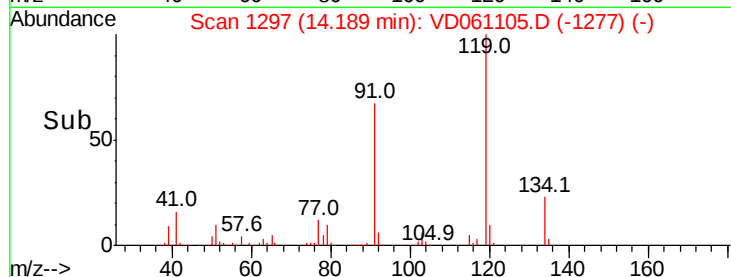
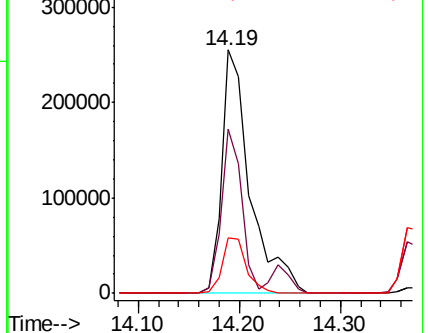
134 22.8 11.6 34.7



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.561 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VD061105.D

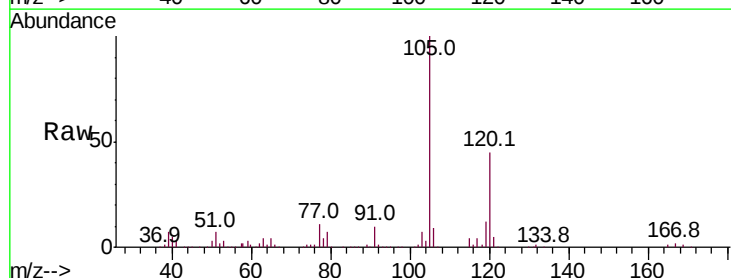
Acq: 16 Mar 2019 13:19

Tgt Ion:105 Resp: 412566

Ion Ratio Lower Upper

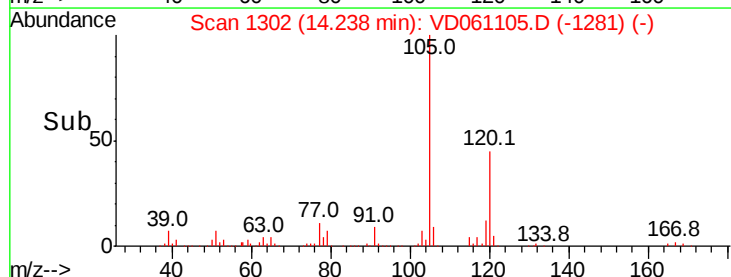
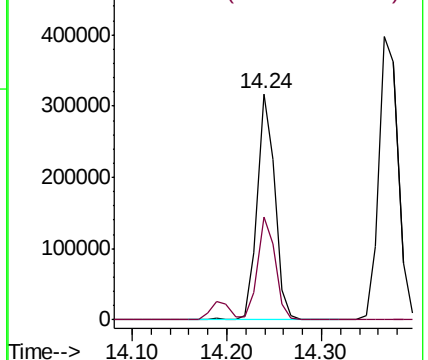
105 100

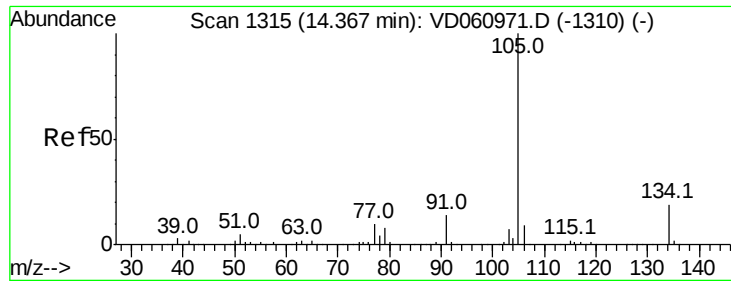
120 45.5 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V

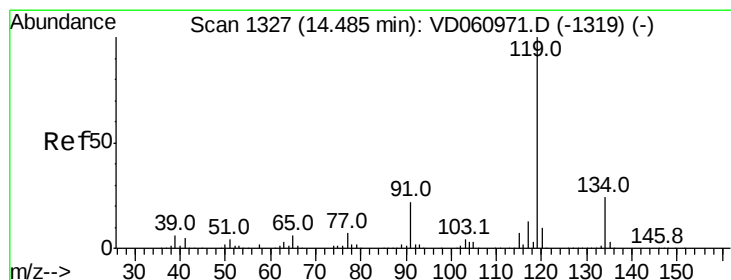
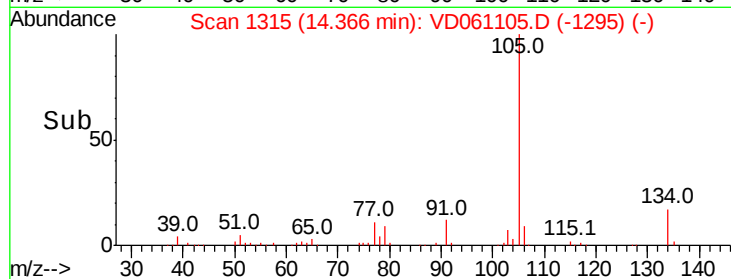
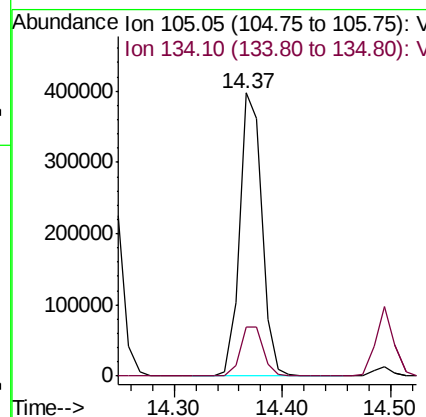
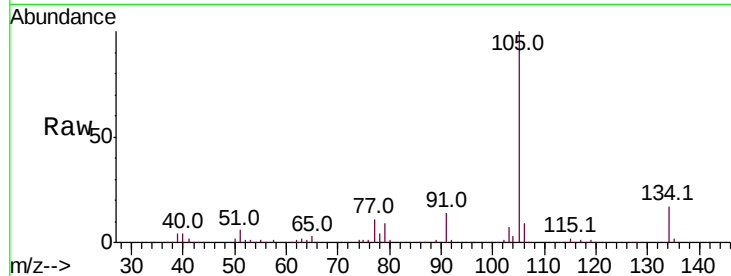
Ion 120.05 (119.75 to 120.75): V





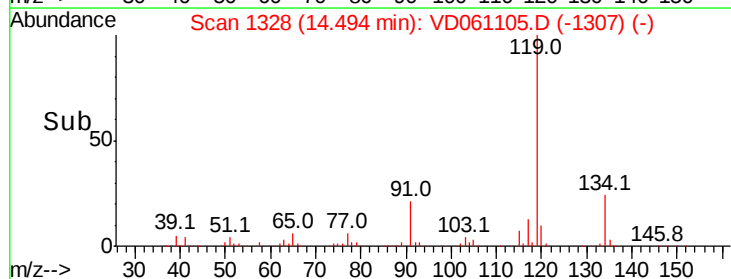
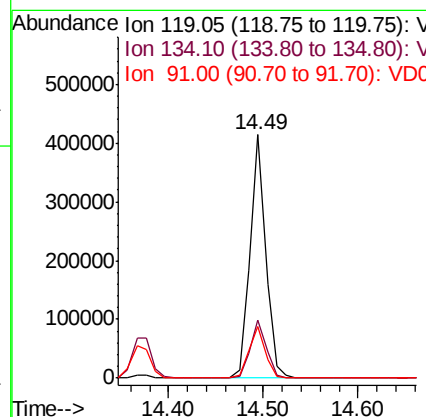
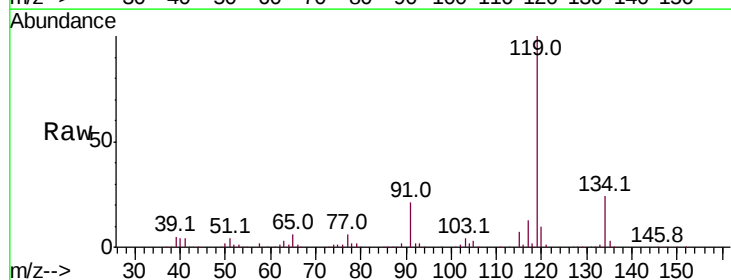
#85
 sec-Butylbenzene
 Concen: 19.066 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

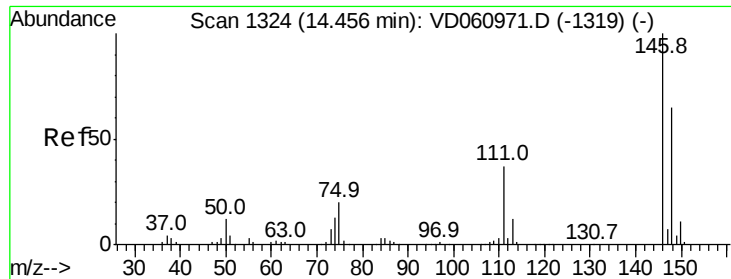
Tot Ion:105 Resp: 566181
 Ion Ratio Lower Upper
 105 100
 134 17.2 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 19.601 ug/l
 RT: 14.49 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

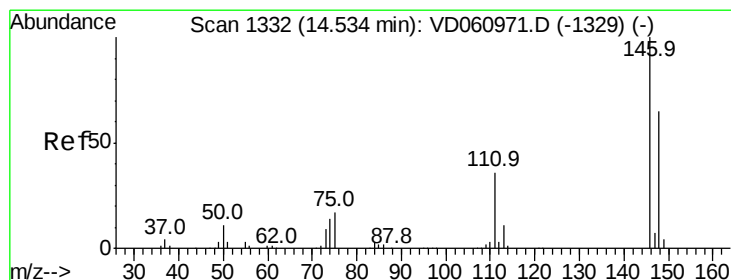
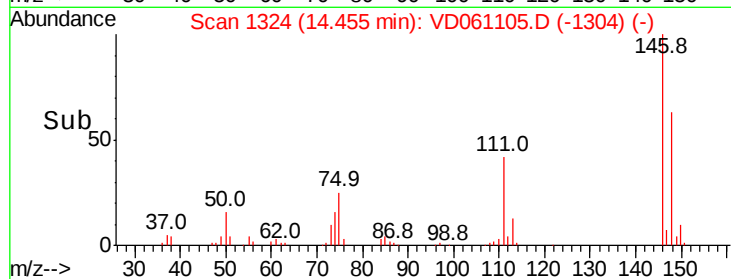
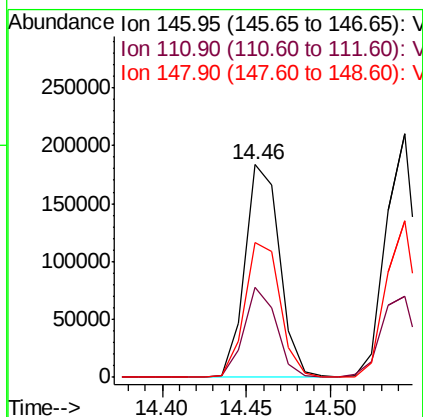
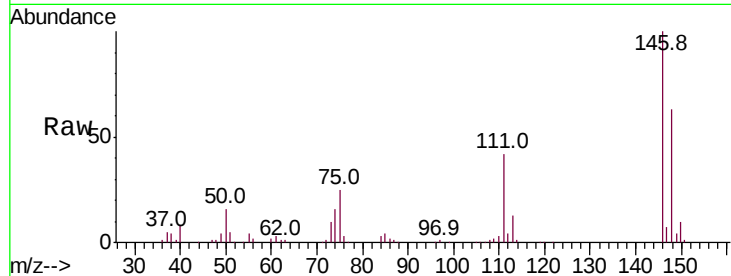
Tgt Ion:119 Resp: 475781
 Ion Ratio Lower Upper
 119 100
 134 23.8 12.0 36.1
 91 21.1 11.2 33.6





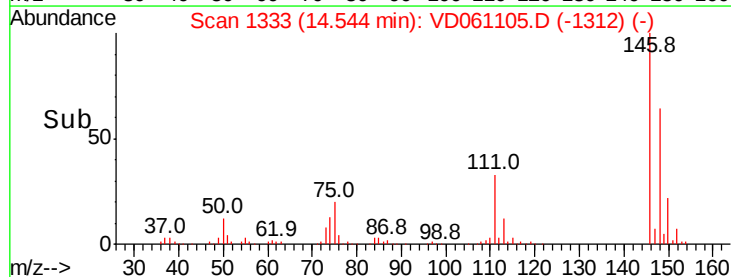
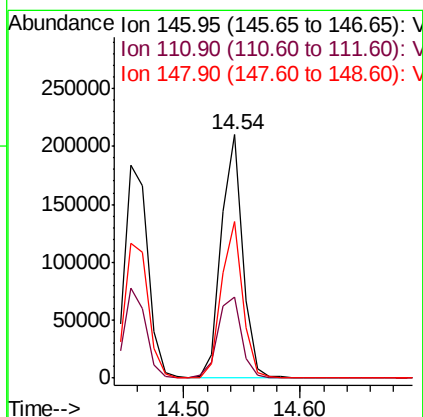
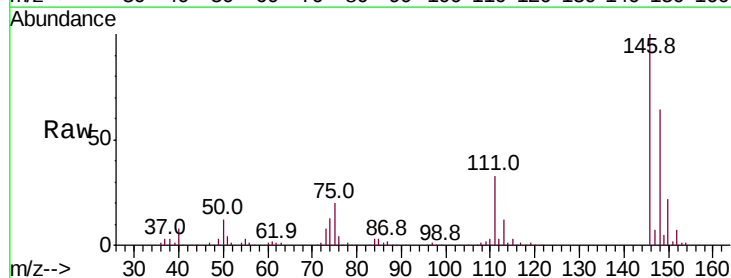
#87
 1,3-Dichlorobenzene
 Concen: 19.671 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

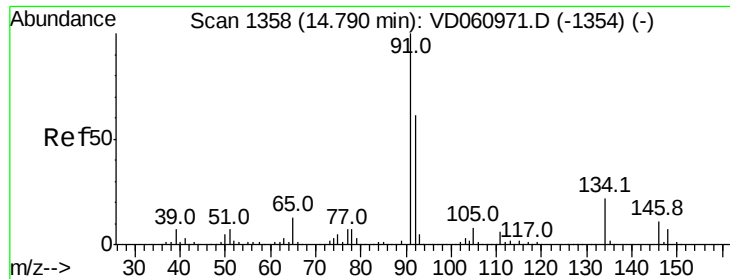
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	18.4	55.4
148	63.4	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 20.425 ug/l
 RT: 14.54 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

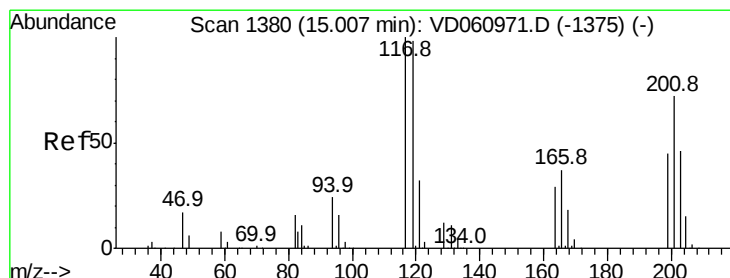
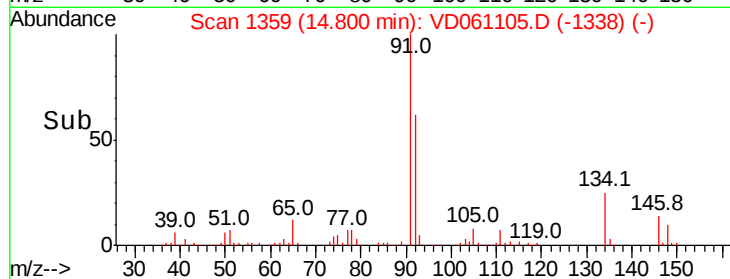
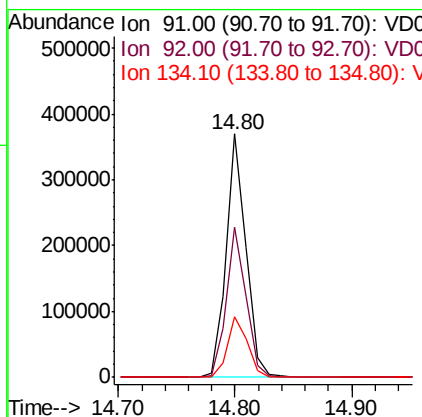
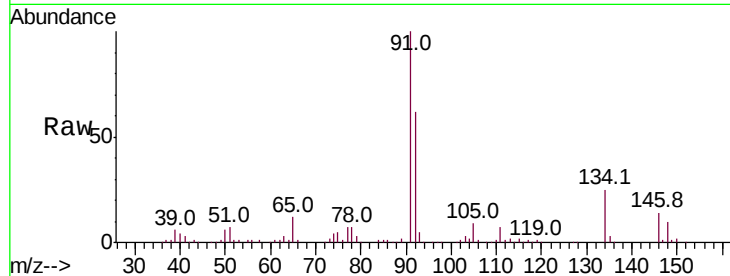
Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.3	18.4	55.2
148	64.2	32.5	97.5





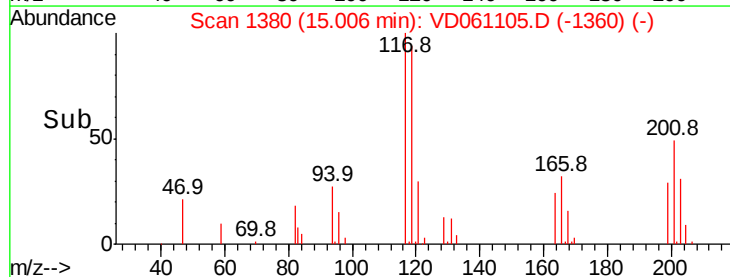
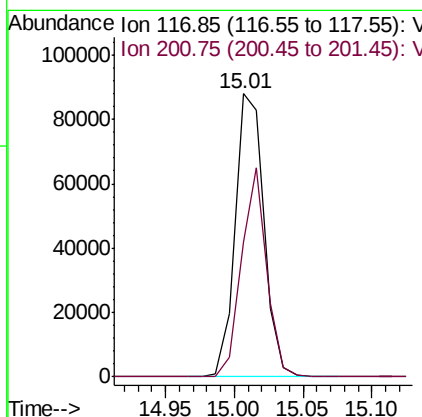
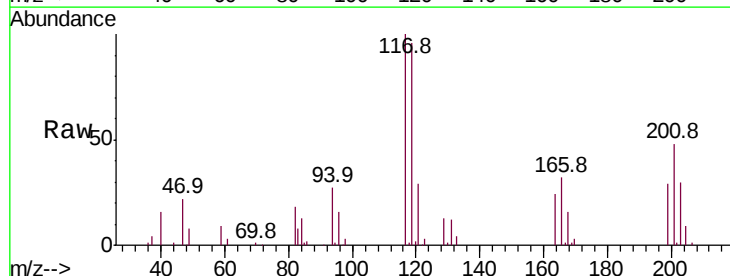
#89
n-Butylbenzene
Concen: 18.683 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

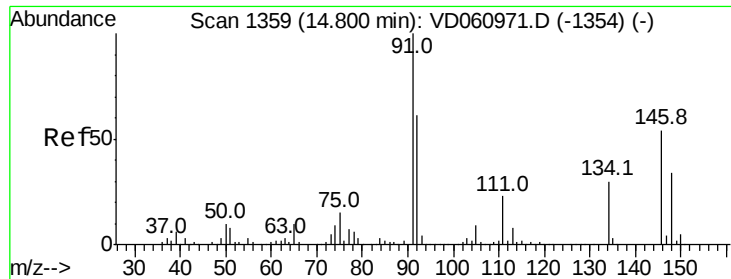
Tot Ion: 91 Resp: 435511
Ion Ratio Lower Upper
91 100
92 61.8 30.6 91.8
134 24.8 11.0 33.0



#90
Hexachloroethane
Concen: 18.672 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

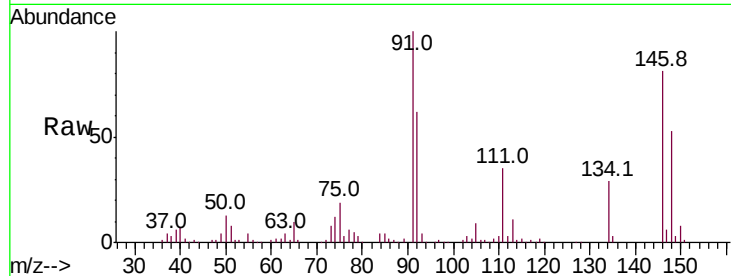
Tgt Ion: 117 Resp: 127982
Ion Ratio Lower Upper
117 100
201 47.8 36.2 108.6



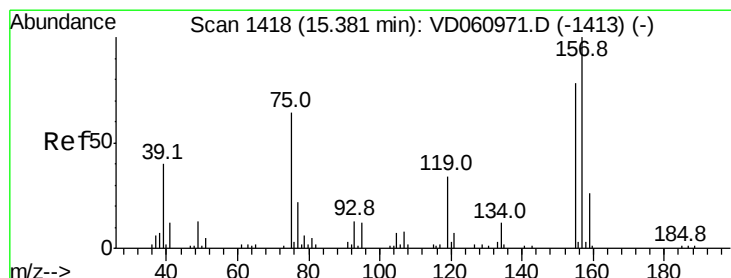
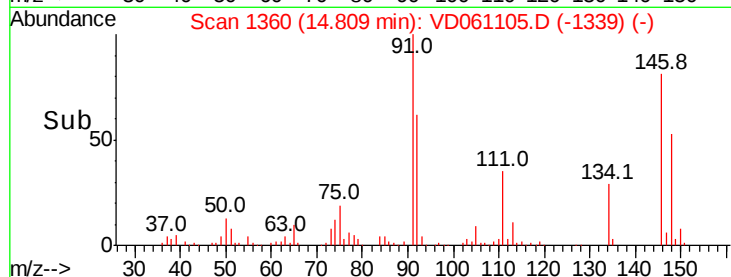
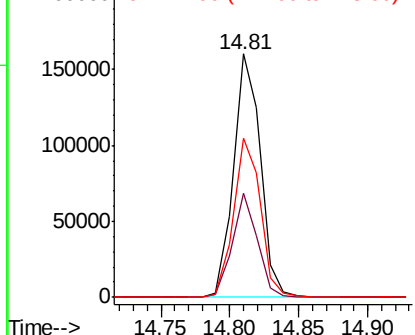


#91
 1,2-Dichlorobenzene
 Concen: 19.561 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tot Ion:146 Resp: 217629
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.5 64.5
 148 65.2 30.9 92.8

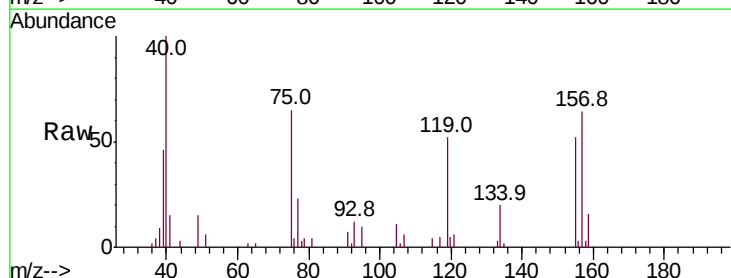


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

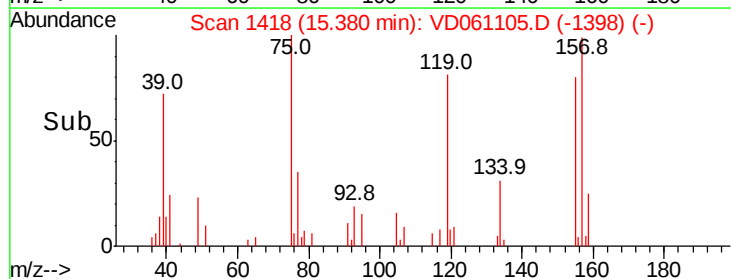
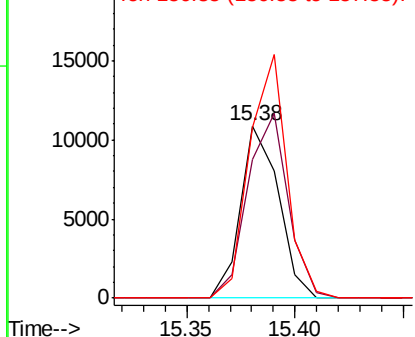


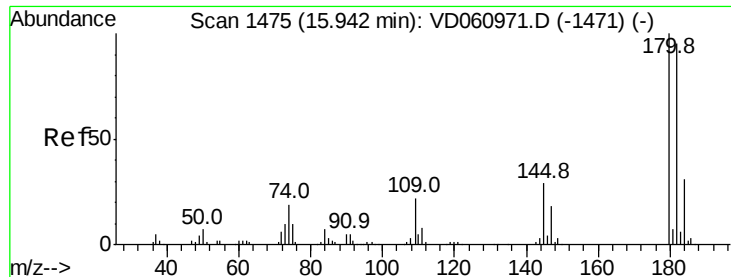
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.484 ug/l
 RT: 15.38 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tgt Ion: 75 Resp: 13412
 Ion Ratio Lower Upper
 75 100
 155 80.4 61.2 183.5
 157 98.9 78.3 234.8



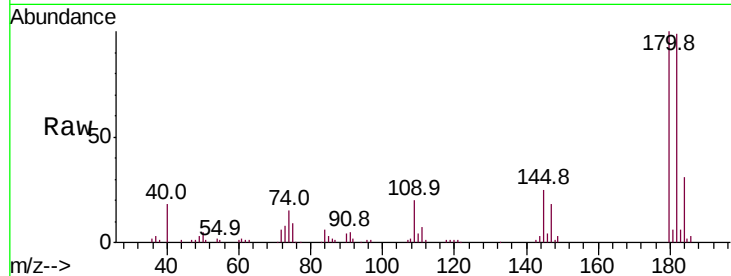
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



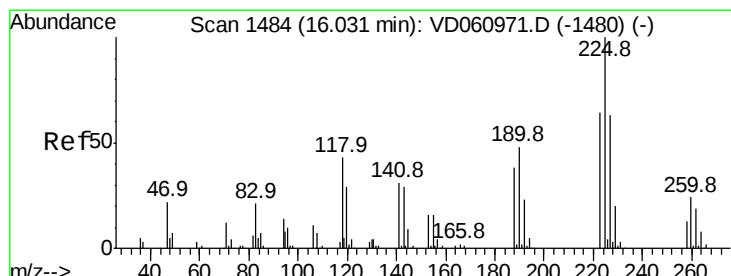
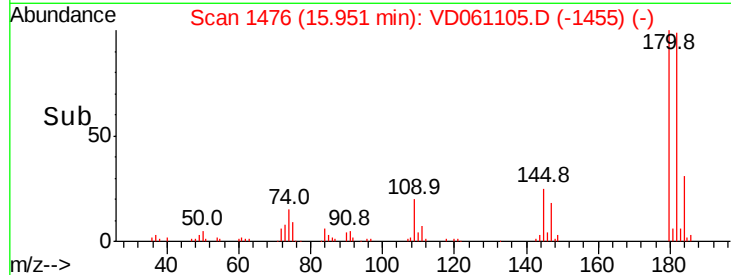
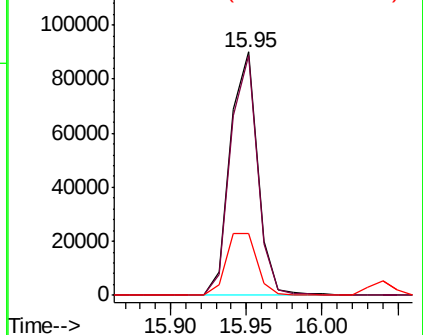


#93
 1,2,4-Trichlorobenzene
 Concen: 21.928 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tot Ion:180 Resp: 113178
 Ion Ratio Lower Upper
 180 100
 182 98.5 47.3 142.0
 145 25.3 14.4 43.0

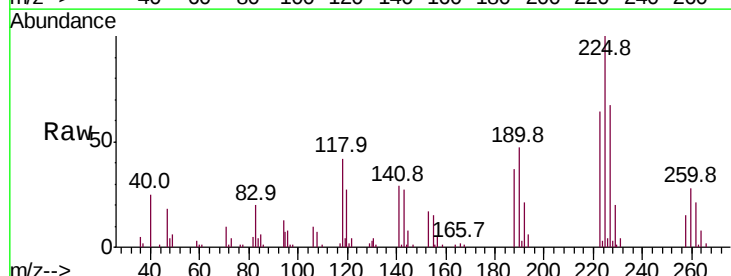


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

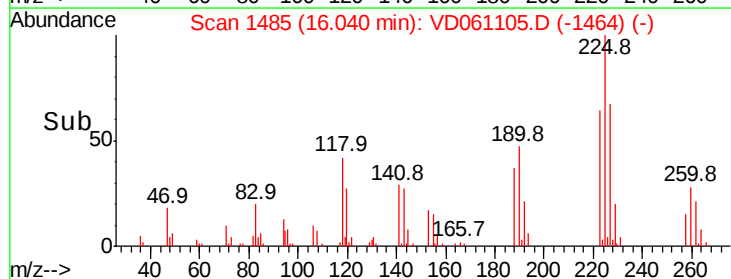
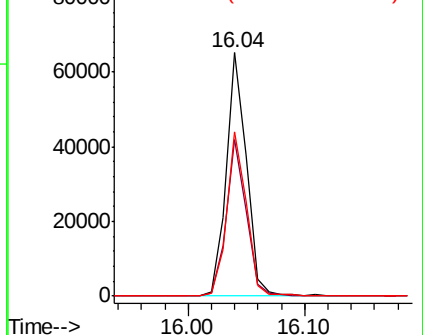


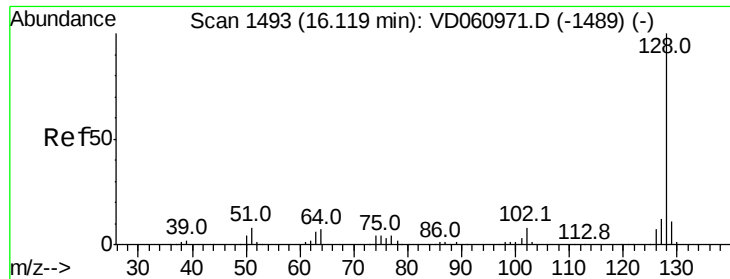
#94
 Hexachlorobutadiene
 Concen: 20.057 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tgt Ion:225 Resp: 78301
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.8 95.3
 227 67.3 31.4 94.0



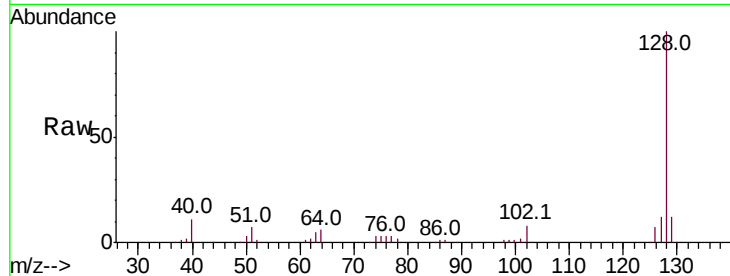
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V



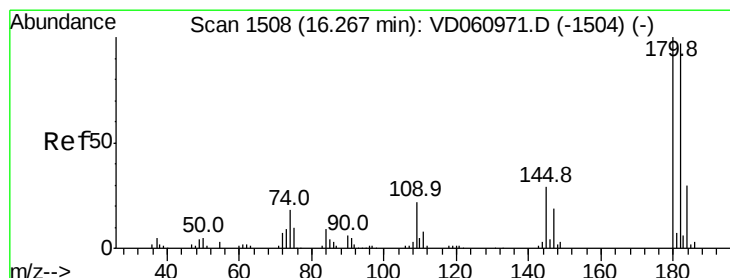
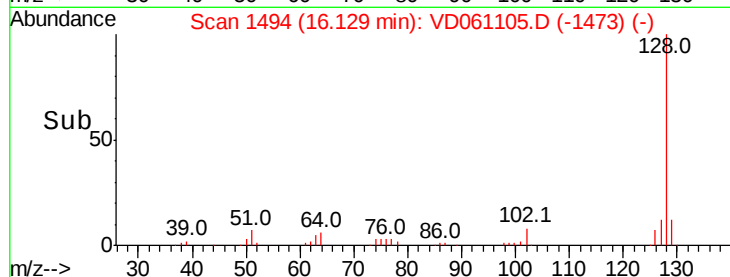
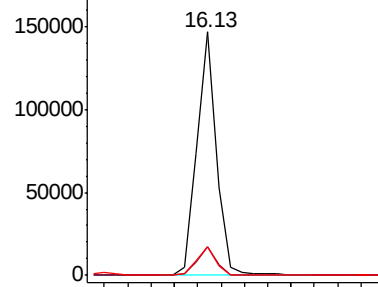


#95
Naphthalene
Concen: 21.724 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tot Ion:128 Resp: 170387
Ion Ratio Lower Upper
128 100
127 11.9 9.8 14.8
129 11.6 8.5 12.7

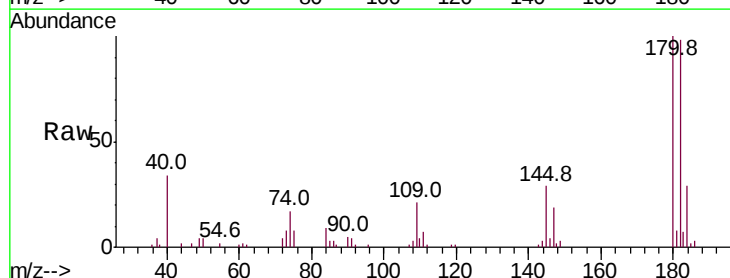


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.244 ug/l
RT: 16.28 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

Tgt Ion:180 Resp: 49055
Ion Ratio Lower Upper
180 100
182 98.1 48.6 145.8
145 28.7 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

