

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 02:25:59 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 : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 02:25:59 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	95350	17.150	ug/l #	89
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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ALS Vial : 6 Sample Multiplier: 1

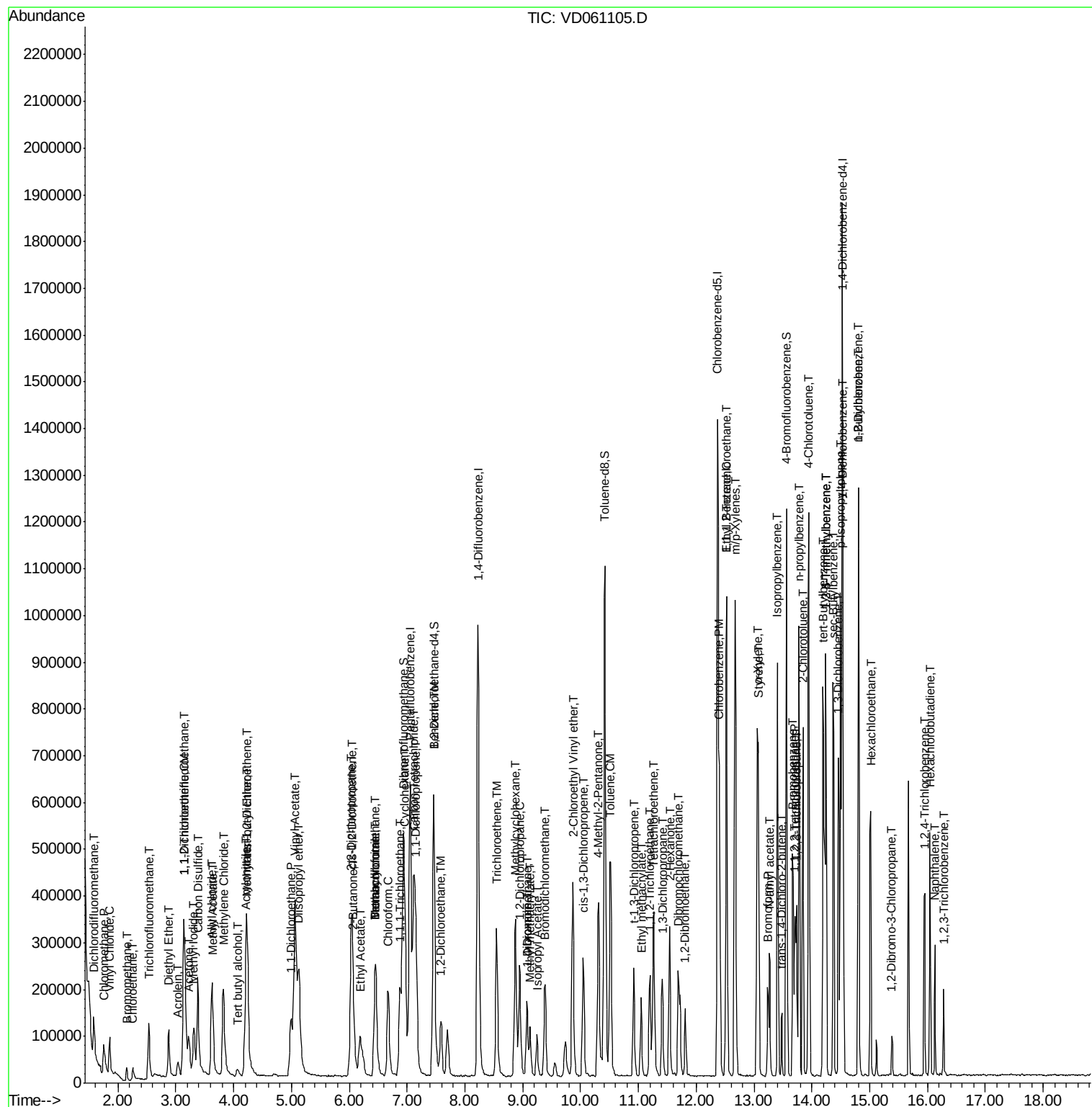
Quant Time: Mar 18 02:25:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
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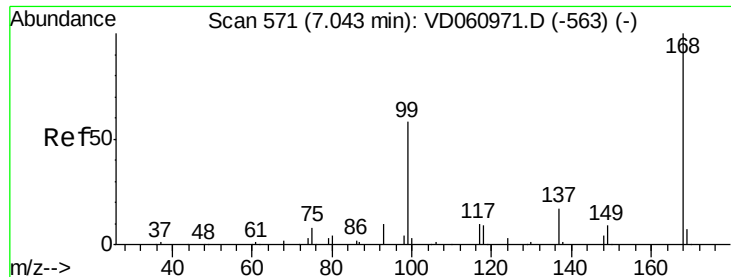
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	113178	21.928	ug/l	96
94) Hexachlorobutadiene	16.04	225	78301	20.057	ug/l	97
95) Naphthalene	16.13	128	170387	21.724	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	49055	19.244	ug/l	99

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

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Operator : VA/AP
Sample : VD0316SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 02:25:59 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061105.D

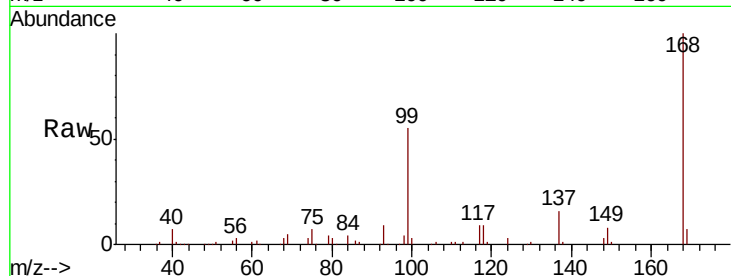
Acq: 16 Mar 2019 13:19

Tgt Ion: 168 Resp: 673771

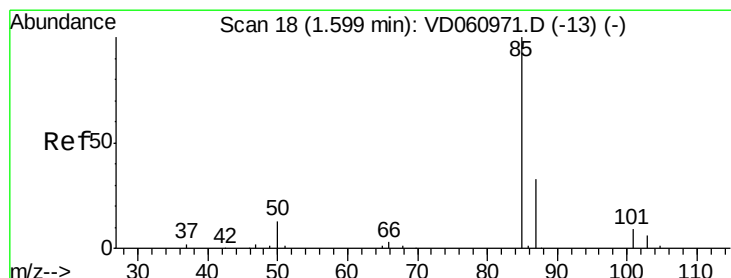
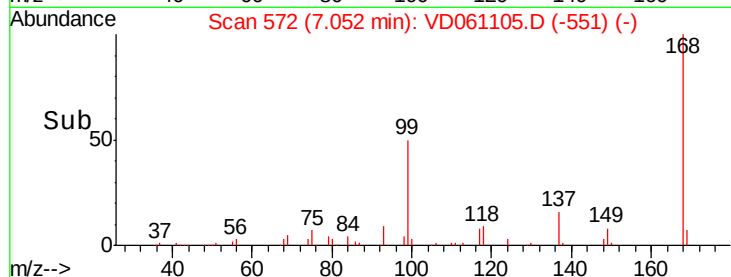
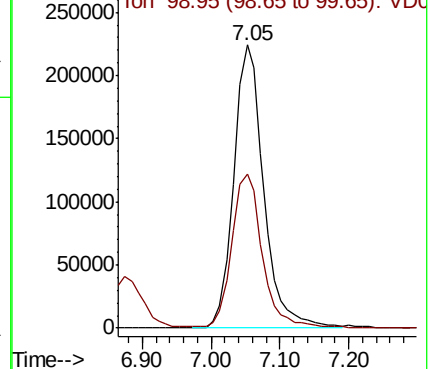
Ion Ratio Lower Upper

168 100

99 54.6 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V



#2

Dichlorodifluoromethane

Concen: 17.498 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.02 min

Lab File: VD061105.D

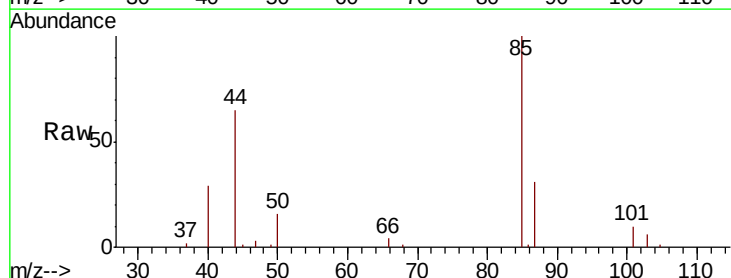
Acq: 16 Mar 2019 13:19

Tgt Ion: 85 Resp: 116781

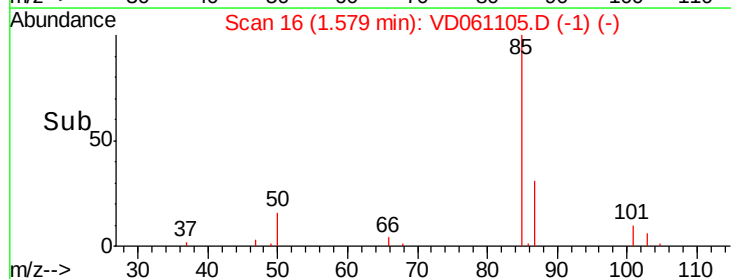
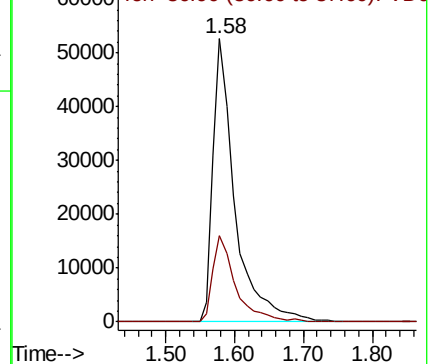
Ion Ratio Lower Upper

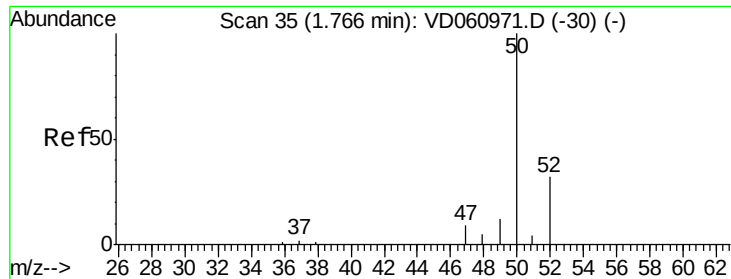
85 100

87 30.7 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): V





#3

Chloromethane

Concen: 18.468 ug/l

RT: 1.76 min Scan# 34

Delta R.T. -0.01 min

Lab File: VD061105.D

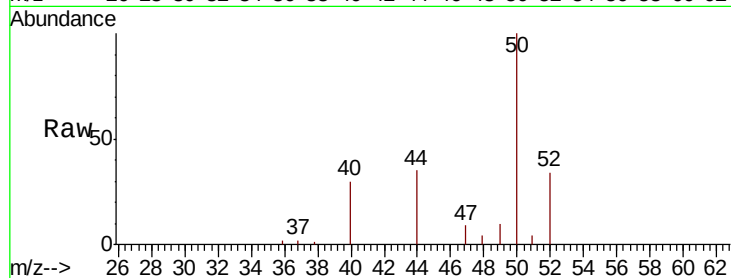
Acq: 16 Mar 2019 13:19

Tgt Ion: 50 Resp: 102679

Ion Ratio Lower Upper

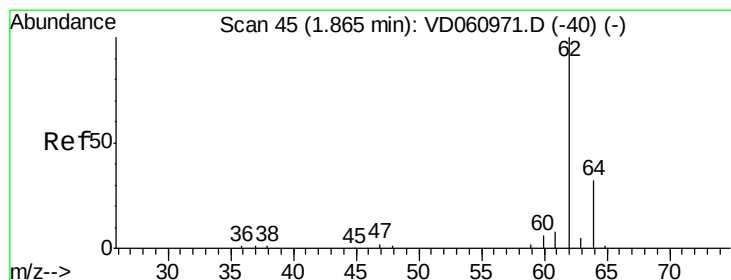
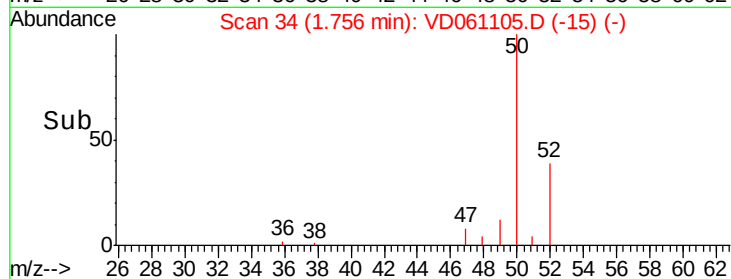
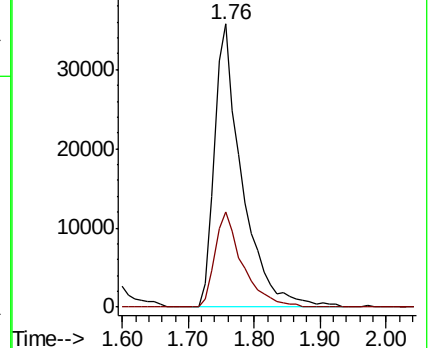
50 100

52 33.5 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.535 ug/l

RT: 1.85 min Scan# 44

Delta R.T. -0.01 min

Lab File: VD061105.D

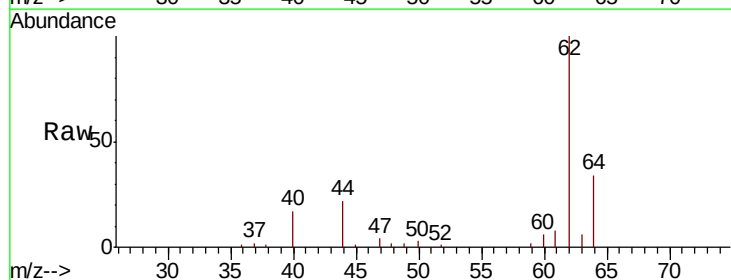
Acq: 16 Mar 2019 13:19

Tgt Ion: 62 Resp: 95221

Ion Ratio Lower Upper

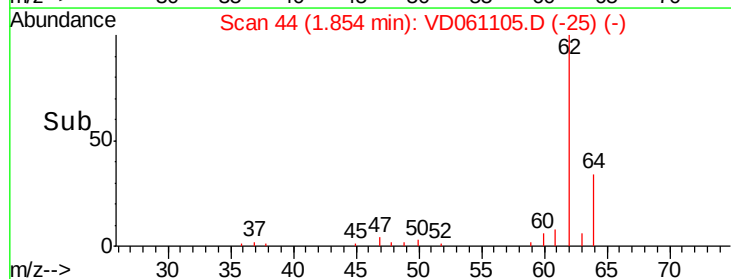
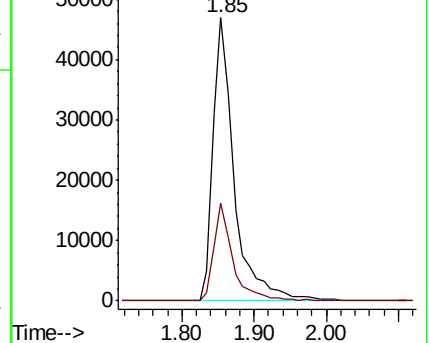
62 100

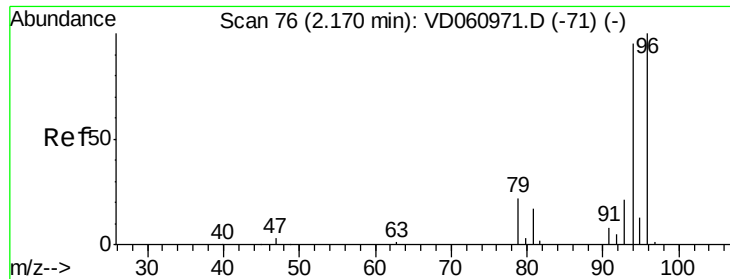
64 34.5 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#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

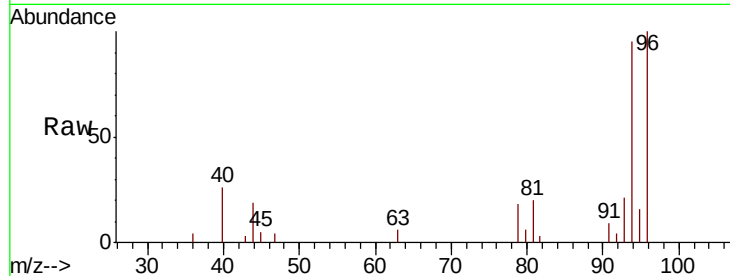
Tgt Ion: 94 Resp: 14735

Ion Ratio Lower Upper

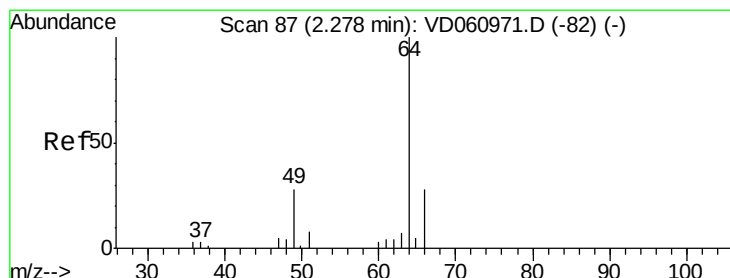
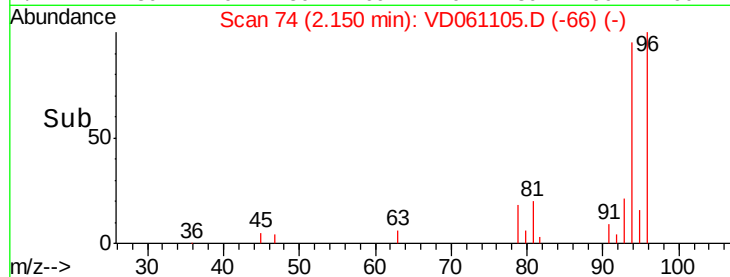
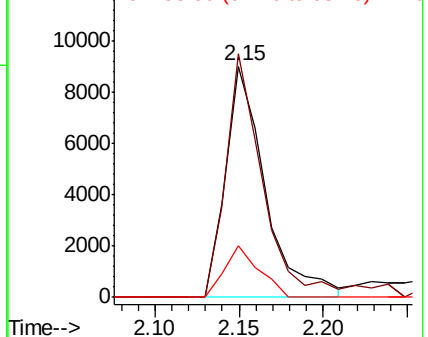
94 100

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

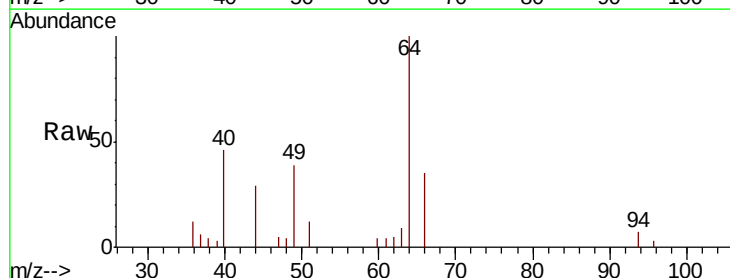
Acq: 16 Mar 2019 13:19

Tgt Ion: 64 Resp: 28511

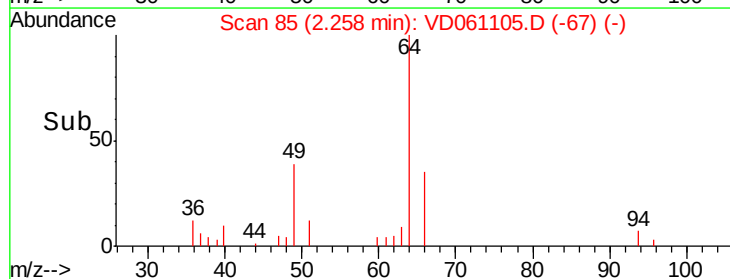
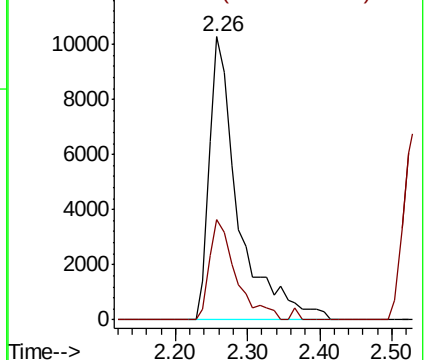
Ion Ratio Lower Upper

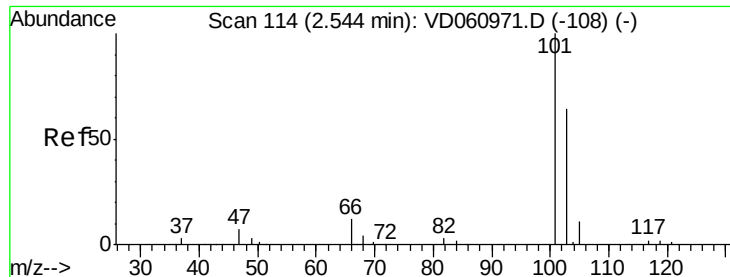
64 100

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

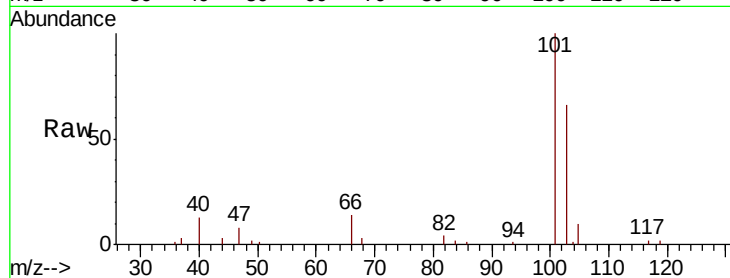




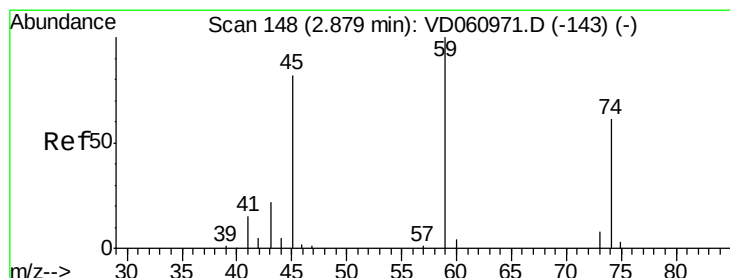
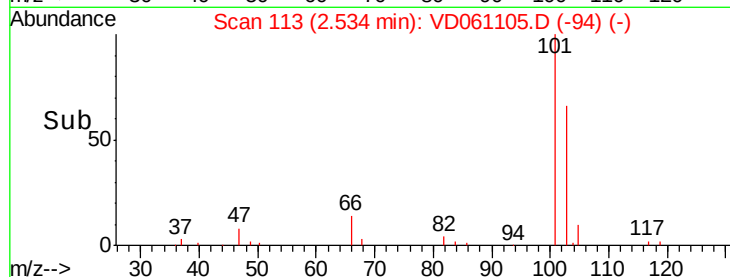
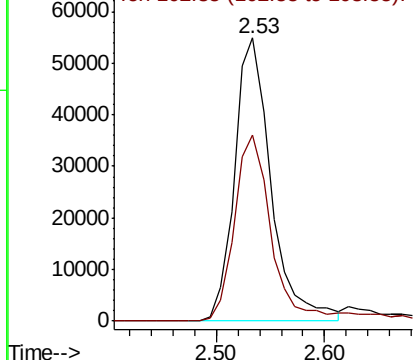
#7

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

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



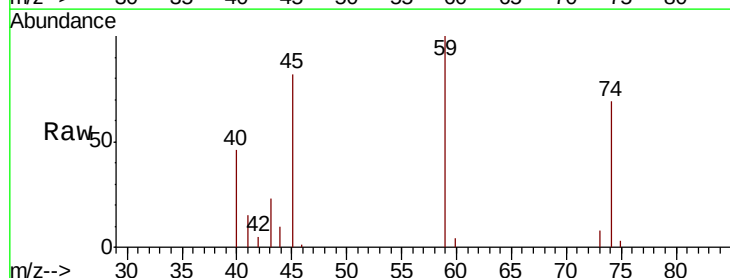
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



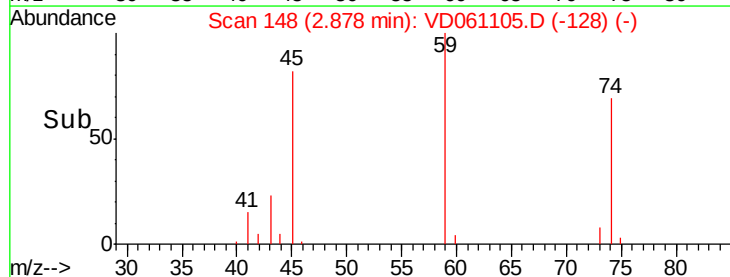
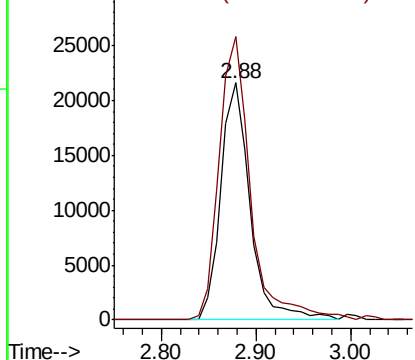
#8

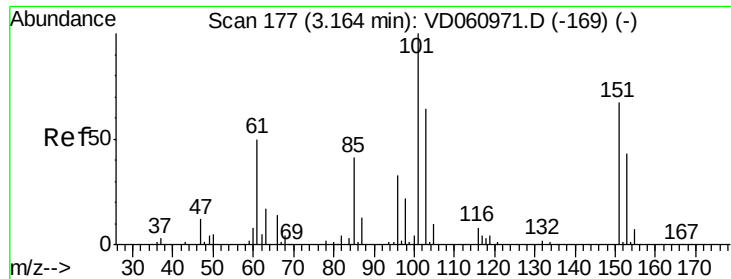
Diethyl Ether
Concen: 19.109 ug/l
RT: 2.88 min Scan# 148
Delta R.T. -0.00 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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



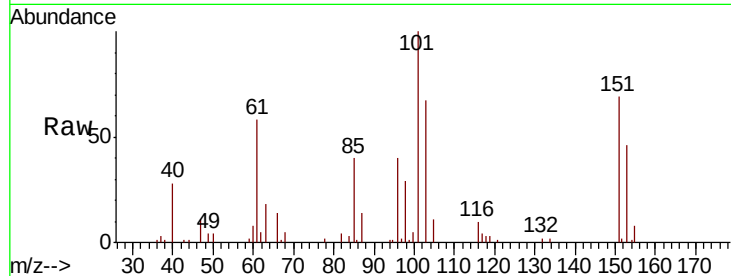
Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.05 (44.75 to 45.75): VDC



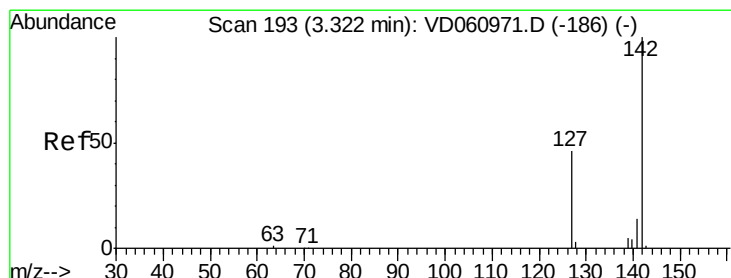
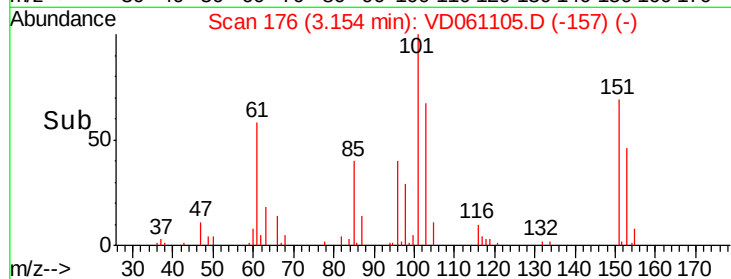
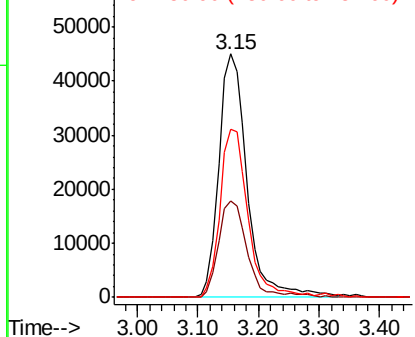


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.711 ug/l
 RT: 3.15 min Scan# 176
 Delta R.T. -0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tgt Ion:101 Resp: 146133
 Ion Ratio Lower Upper
 101 100
 85 39.7 32.5 48.7
 151 69.1 53.3 79.9

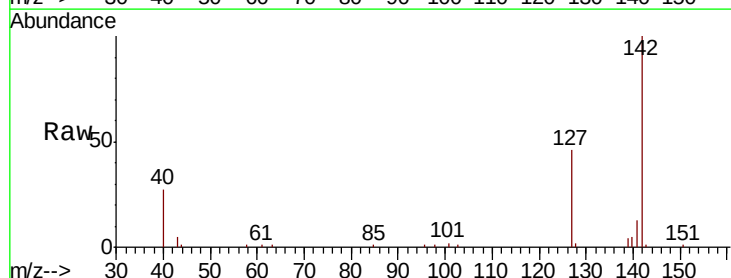


Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 84.95 (84.65 to 85.65): V
 Ion 150.90 (150.60 to 151.60): V

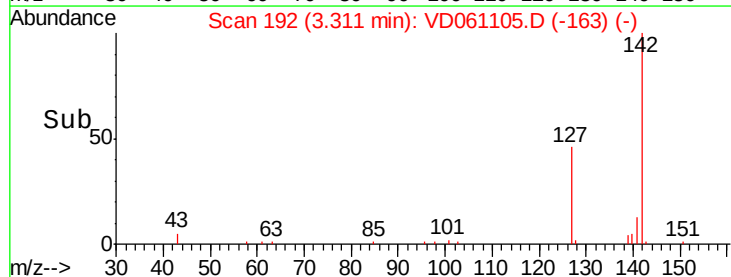
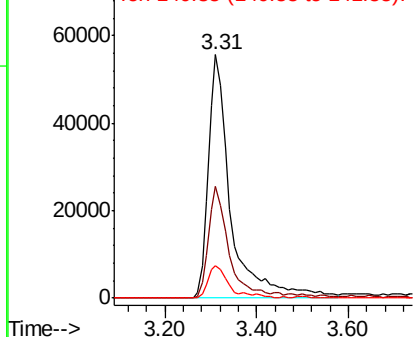


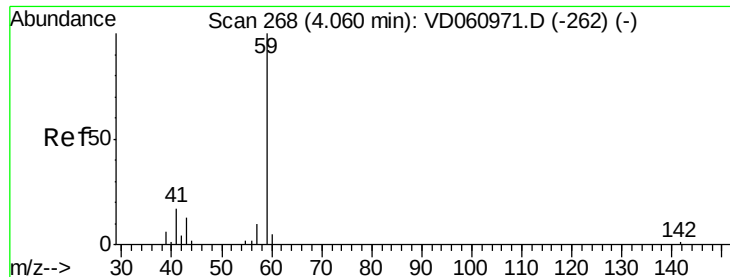
#10
 Methyl Iodide
 Concen: 18.405 ug/l
 RT: 3.31 min Scan# 192
 Delta R.T. -0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

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

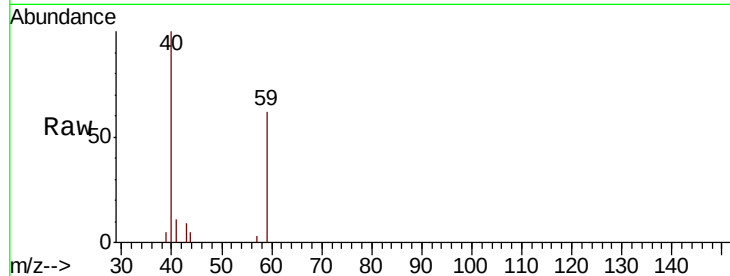




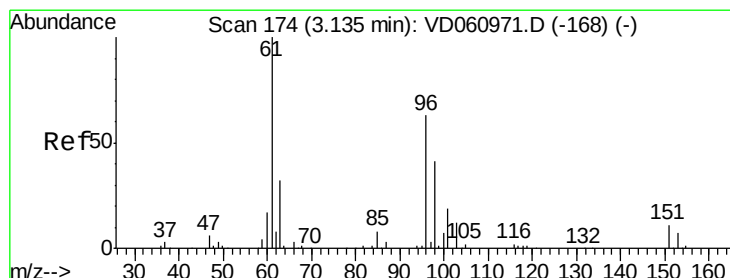
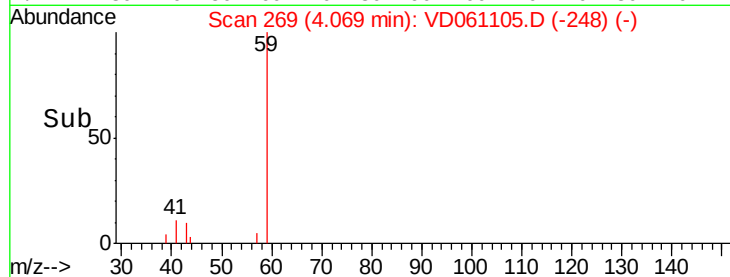
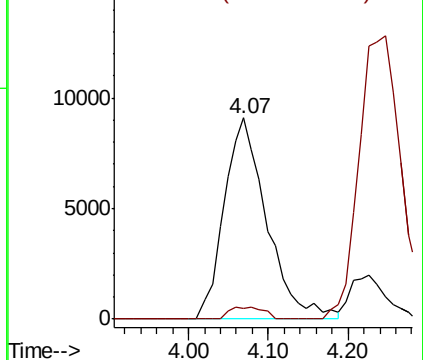
#11

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

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



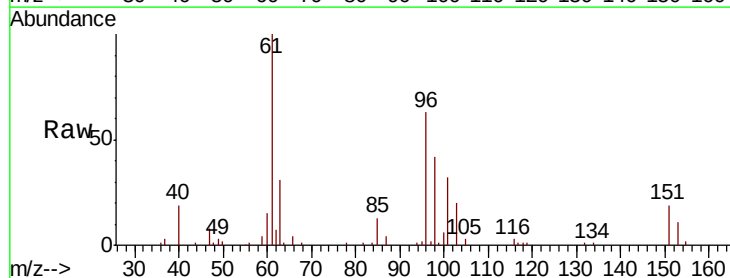
Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC



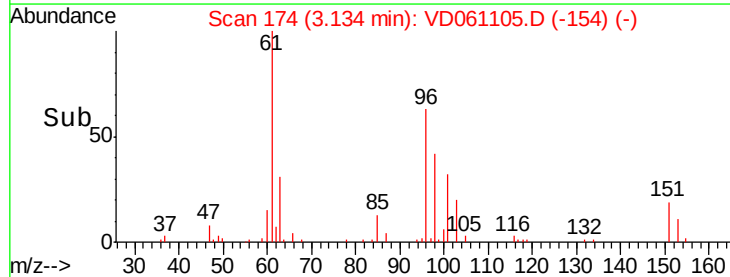
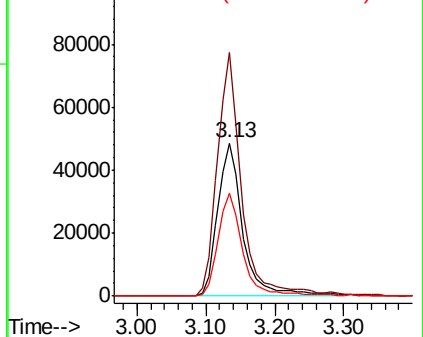
#12

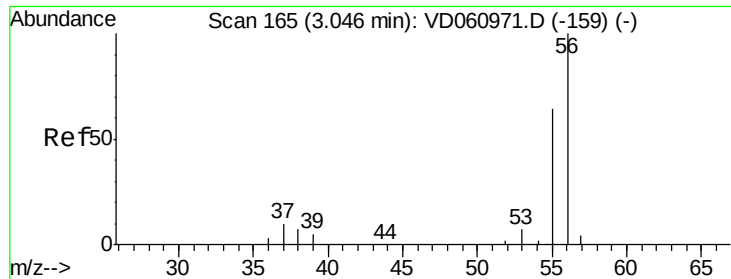
1,1-Dichloroethene
Concen: 18.140 ug/l
RT: 3.13 min Scan# 174
Delta R.T. -0.00 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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



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





#13

Acrolein

Concen: 75.329 ug/l

RT: 3.04 min Scan# 164

Delta R.T. -0.01 min

Lab File: VD061105.D

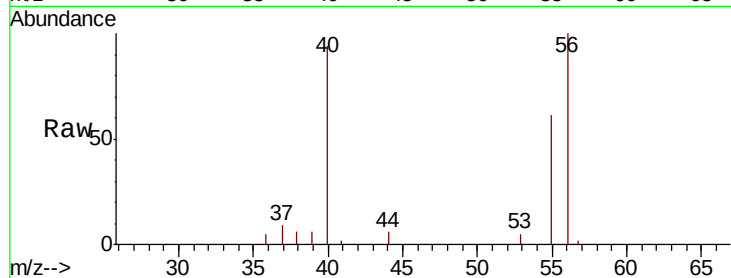
Acq: 16 Mar 2019 13:19

Tgt Ion: 56 Resp: 38915

Ion Ratio Lower Upper

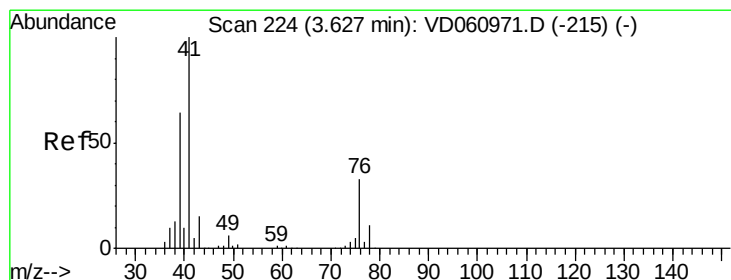
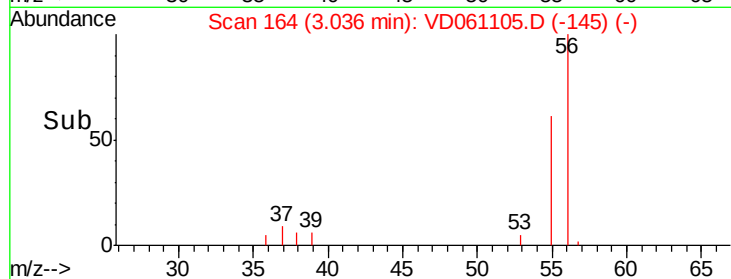
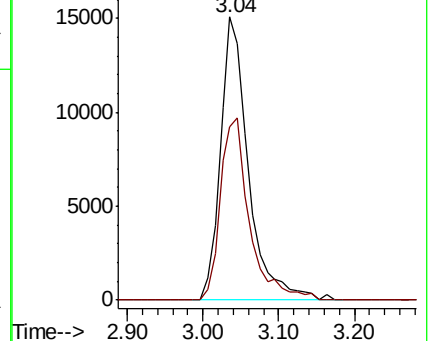
56 100

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



#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

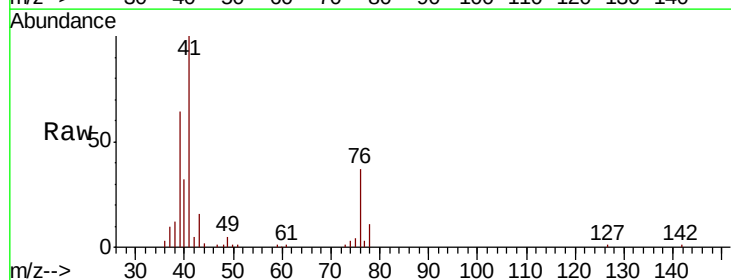
Tgt Ion: 41 Resp: 185960

Ion Ratio Lower Upper

41 100

39 63.6 51.1 76.7

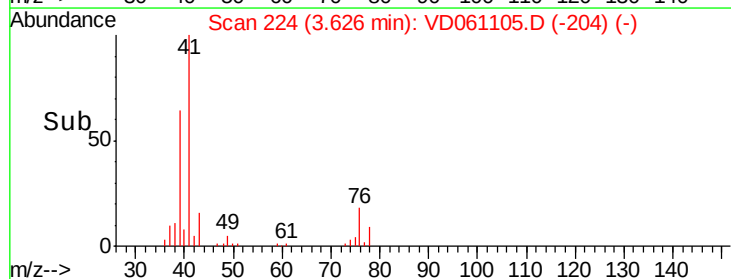
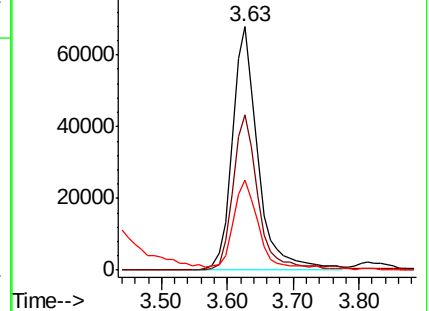
76 36.8 29.1 43.7

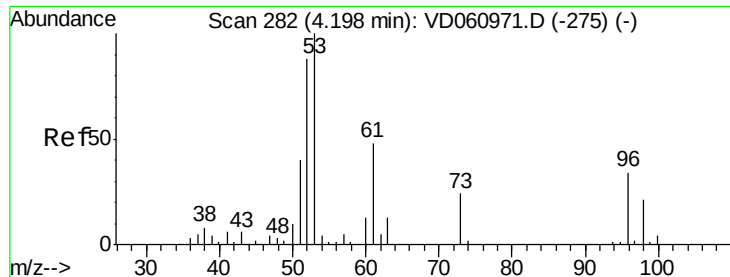


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#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

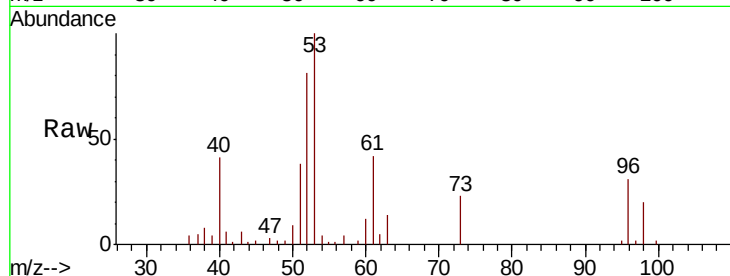
Tgt Ion: 53 Resp: 120866

Ion Ratio Lower Upper

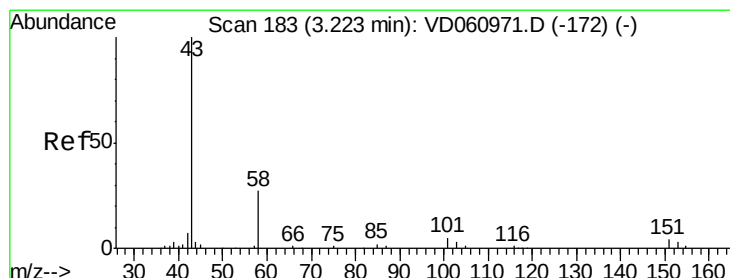
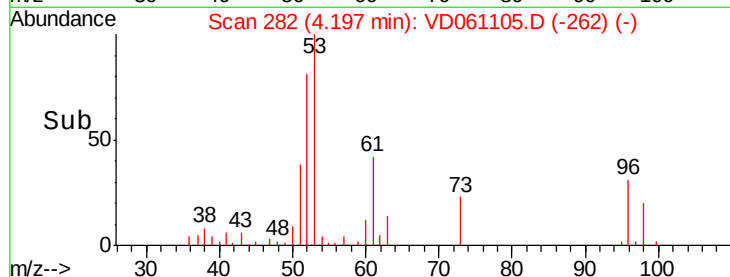
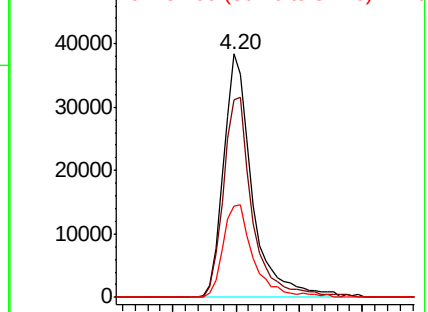
53 100

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

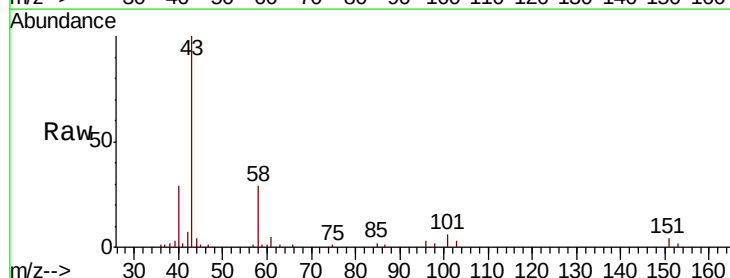
Acq: 16 Mar 2019 13:19

Tgt Ion: 43 Resp: 141926

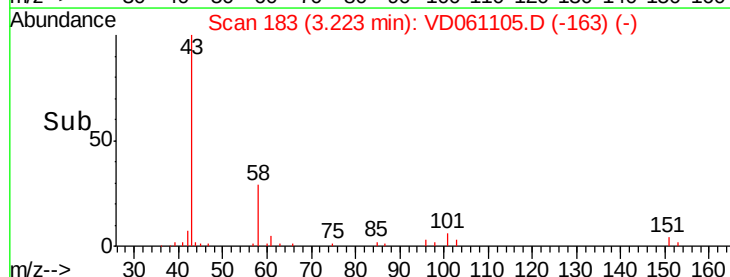
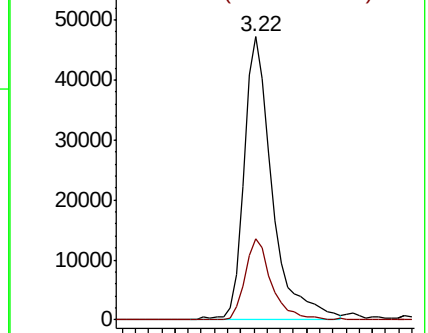
Ion Ratio Lower Upper

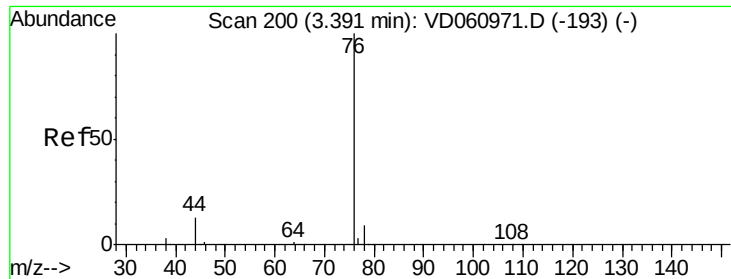
43 100

58 28.8 21.6 32.4



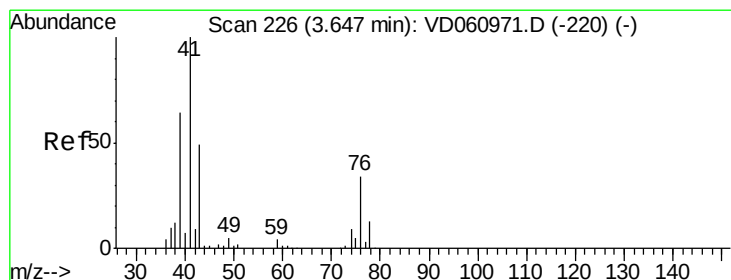
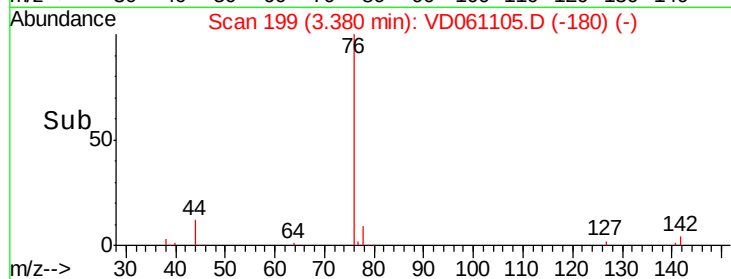
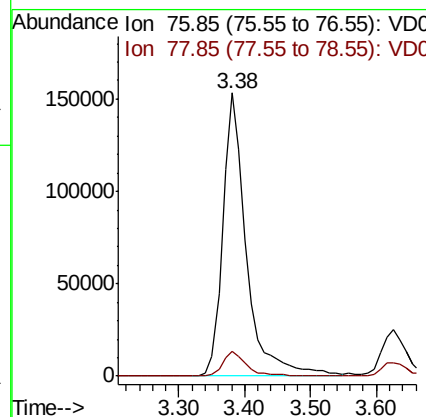
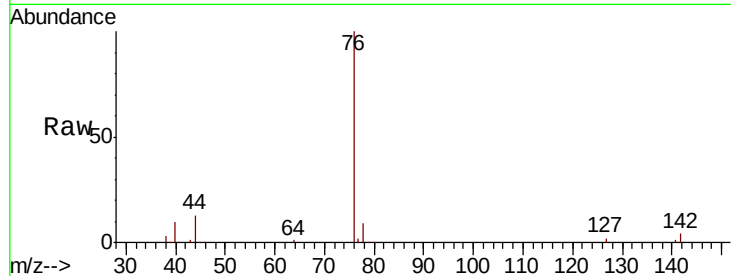
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





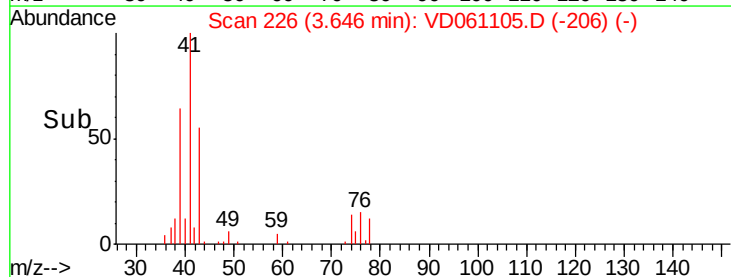
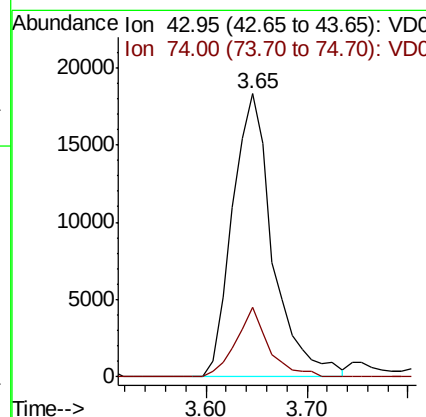
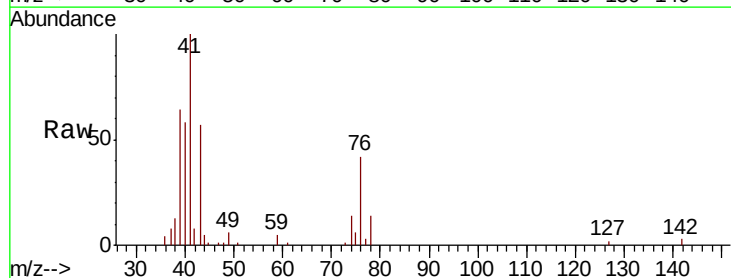
#17
Carbon Disulfide
Concen: 16.718 ug/l
RT: 3.38 min Scan# 199
Delta R.T. -0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

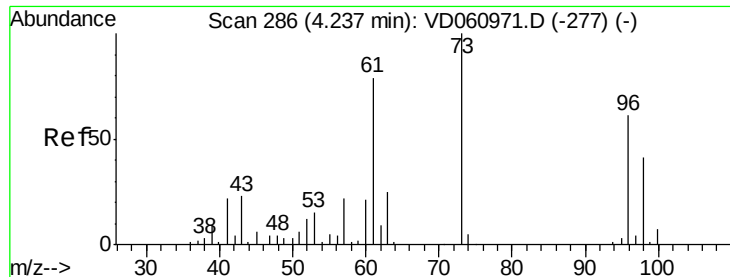
Tgt Ion: 76 Resp: 381424
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#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#

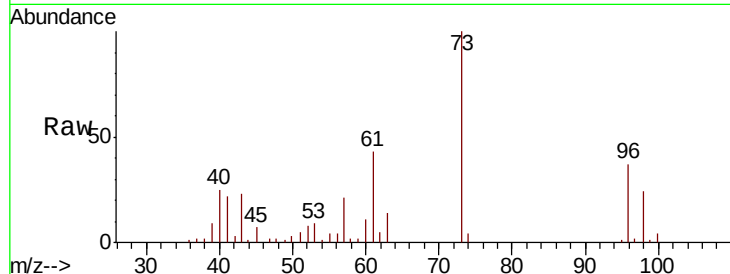




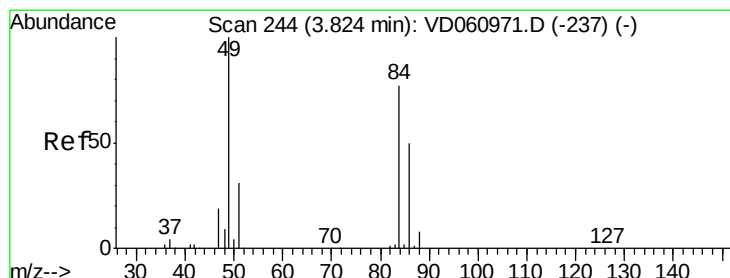
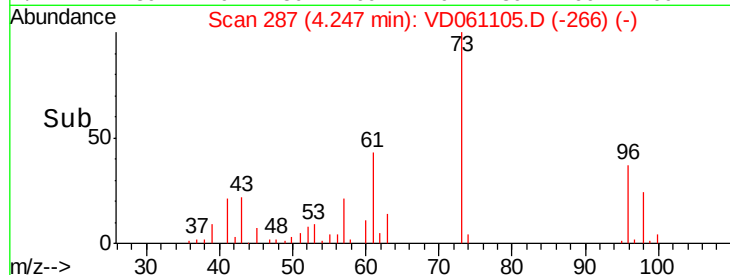
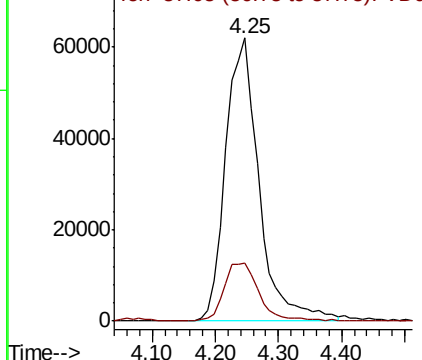
#19

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

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



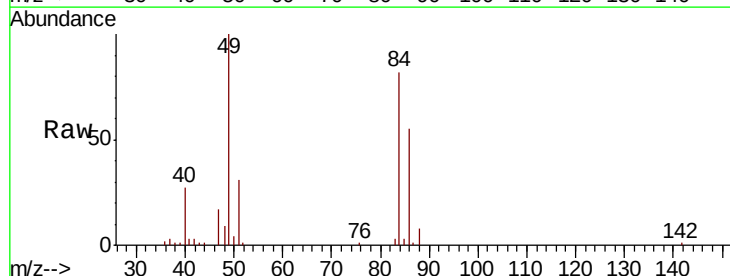
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



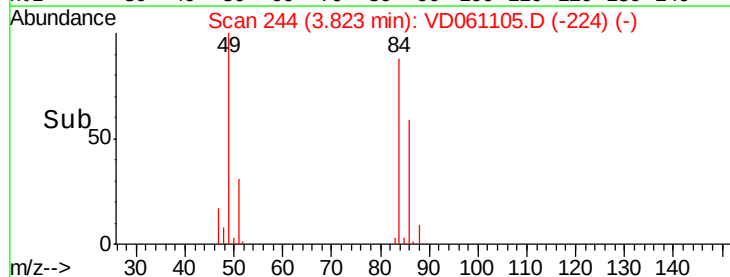
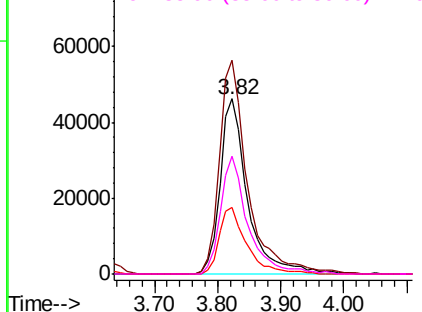
#20

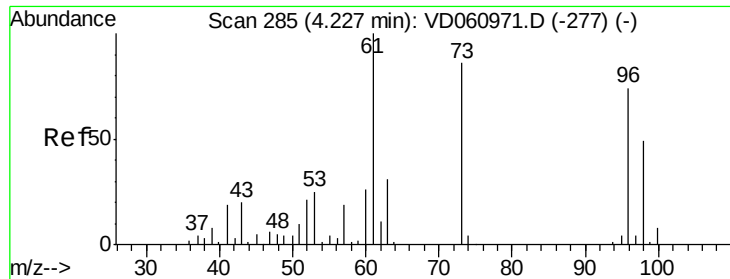
Methylene Chloride
 Concen: 16.040 ug/l
 RT: 3.82 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

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



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





#21

trans-1,2-Dichloroethene

Concen: 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

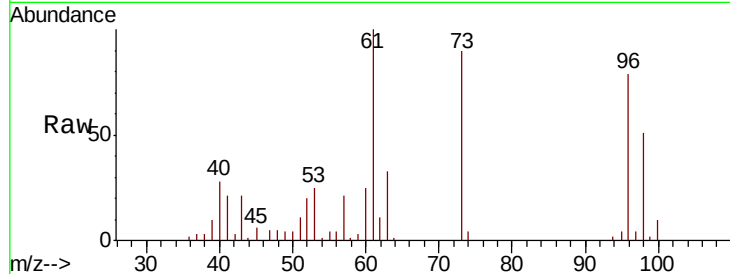
Tgt Ion: 96 Resp: 137223

Ion Ratio Lower Upper

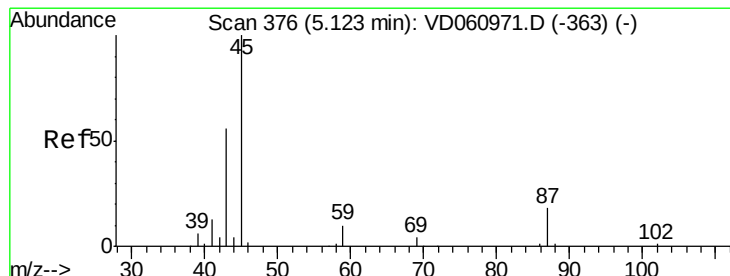
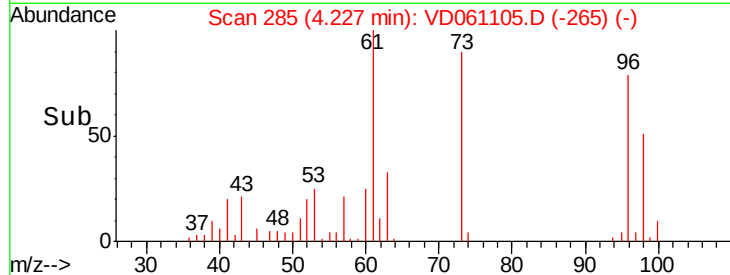
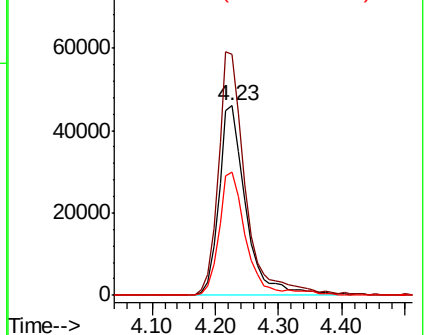
96 100

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

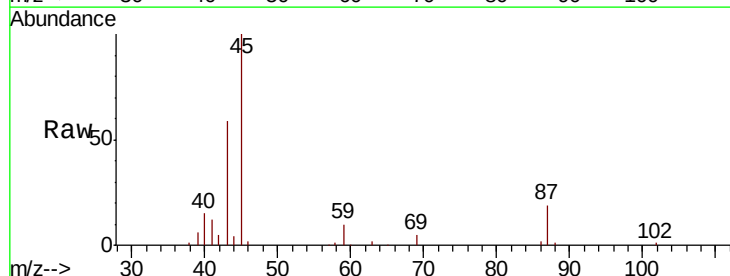
Ion Ratio Lower Upper

45 100

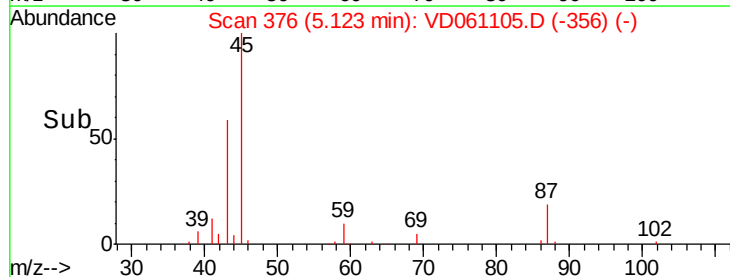
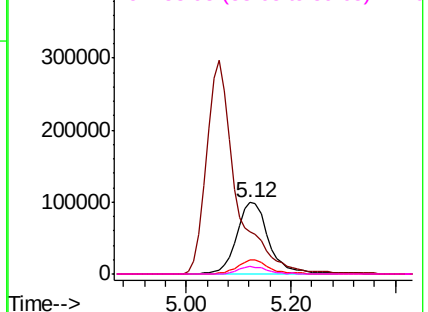
43 58.9 45.8 68.8

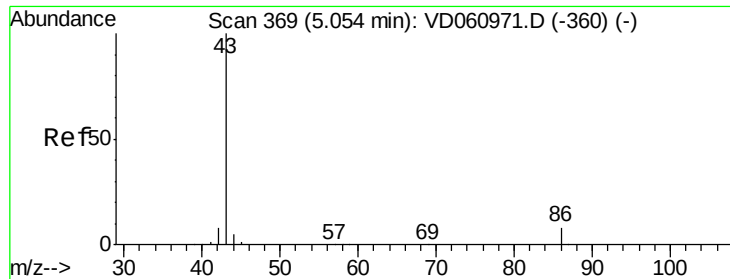
87 19.4 14.9 22.3

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

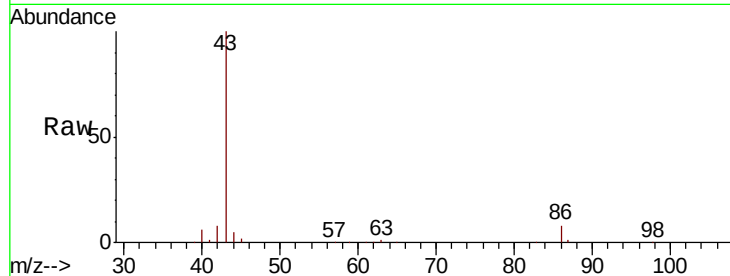
Acq: 16 Mar 2019 13:19

Tgt Ion: 43 Resp: 1156080

Ion Ratio Lower Upper

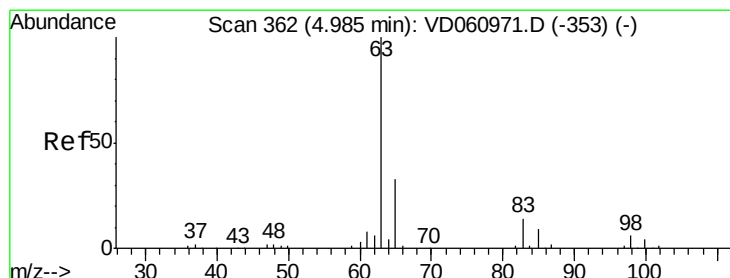
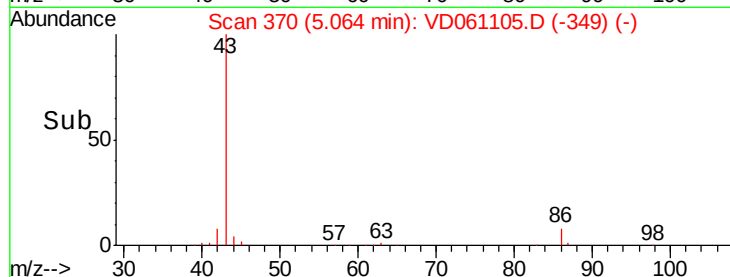
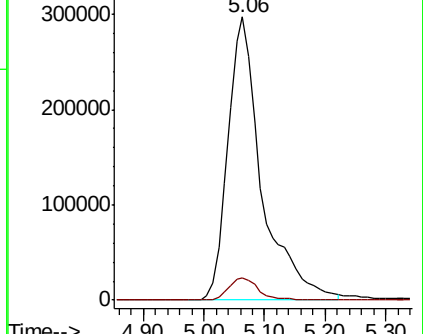
43 100

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

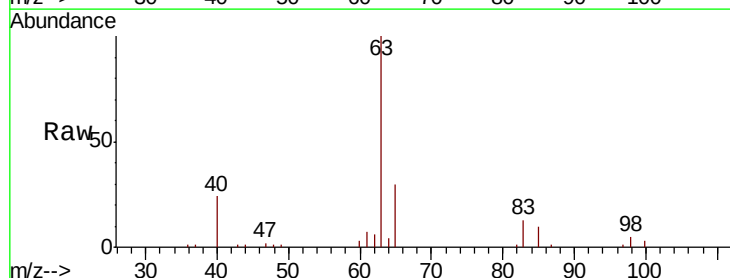
Tgt Ion: 63 Resp: 225832

Ion Ratio Lower Upper

63 100

98 5.0 3.0 9.2

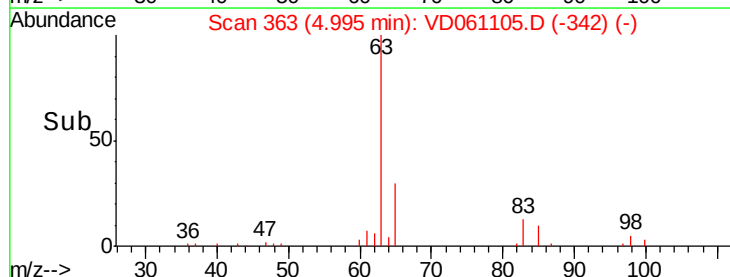
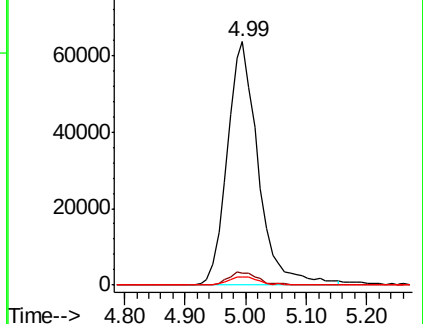
100 3.5 2.0 5.8

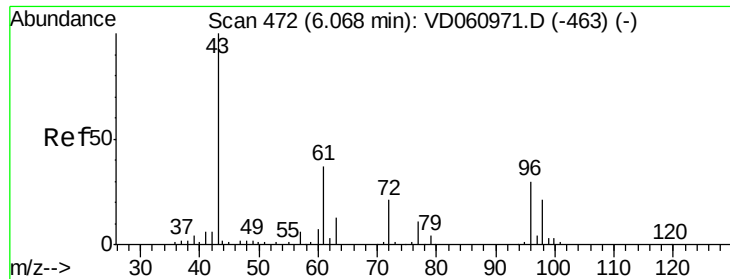


Abundance Ion 62.95 (62.65 to 63.65): VDC

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

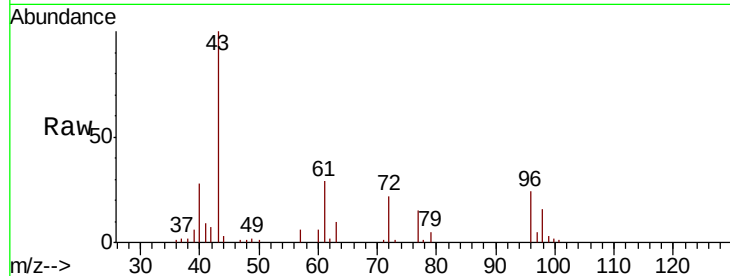
Acq: 16 Mar 2019 13:19

Tgt Ion: 43 Resp: 174975

Ion Ratio Lower Upper

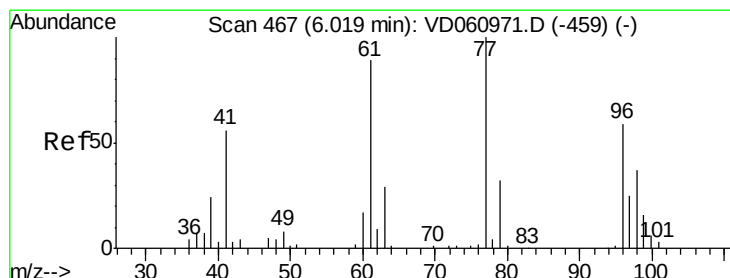
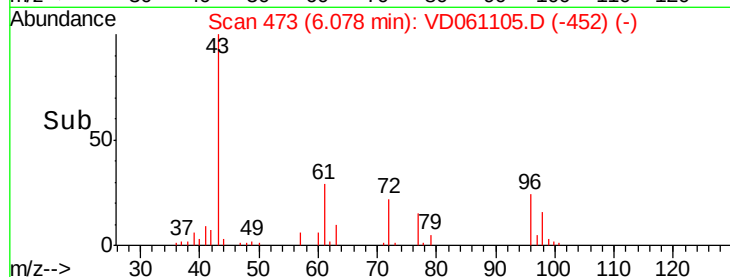
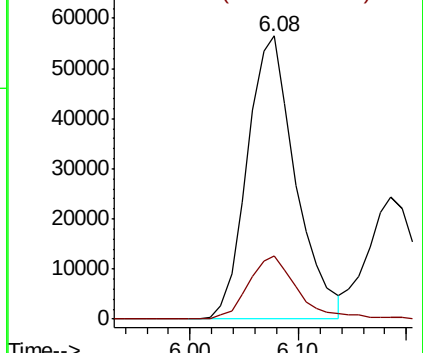
43 100

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

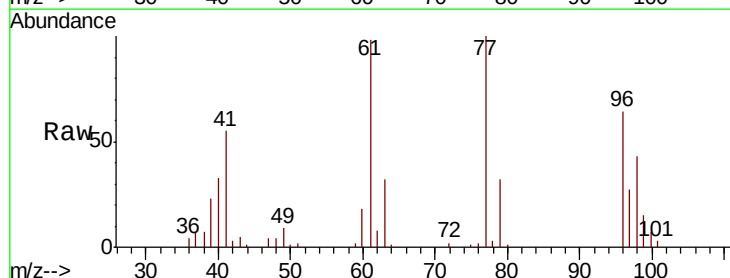
Acq: 16 Mar 2019 13:19

Tgt Ion: 77 Resp: 181196

Ion Ratio Lower Upper

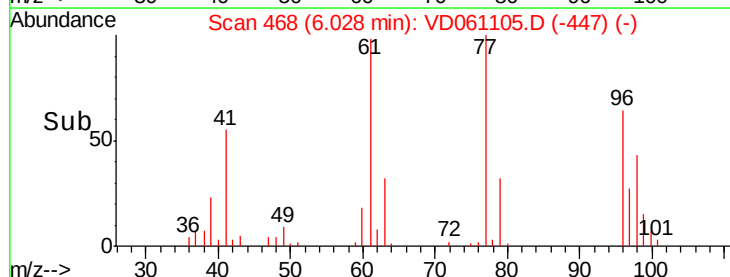
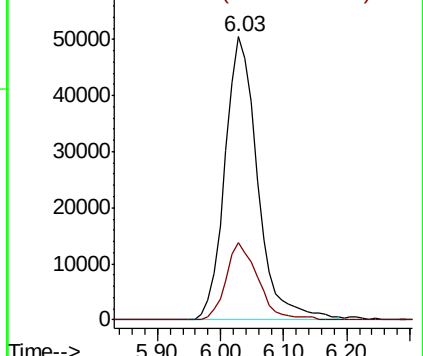
77 100

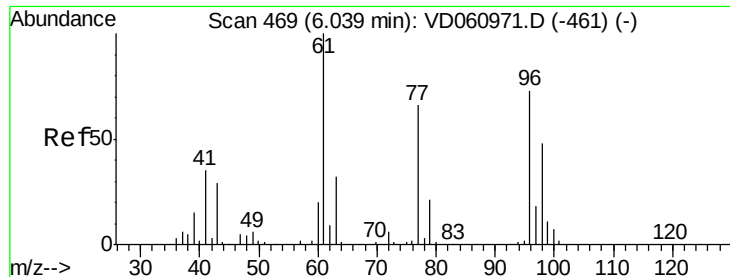
97 27.2 12.6 37.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

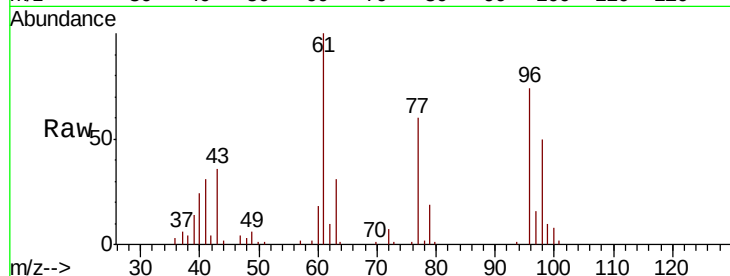




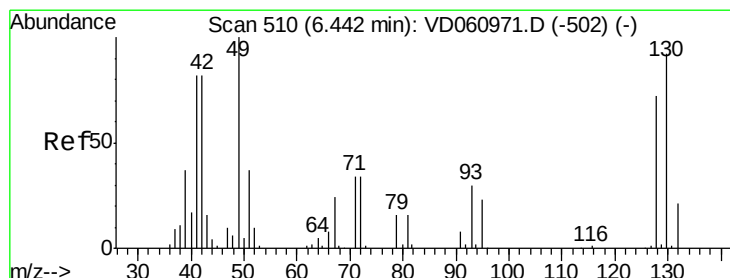
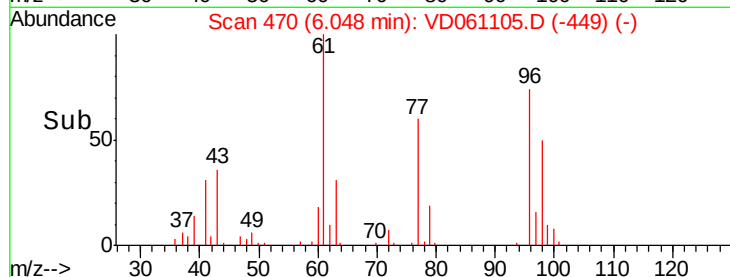
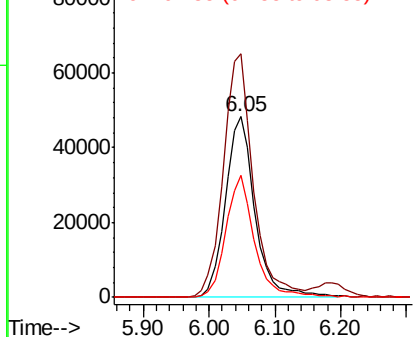
#27

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

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



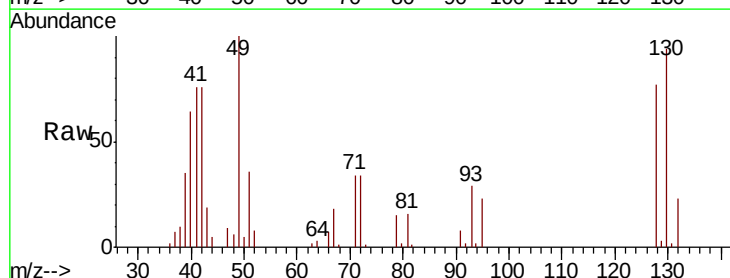
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



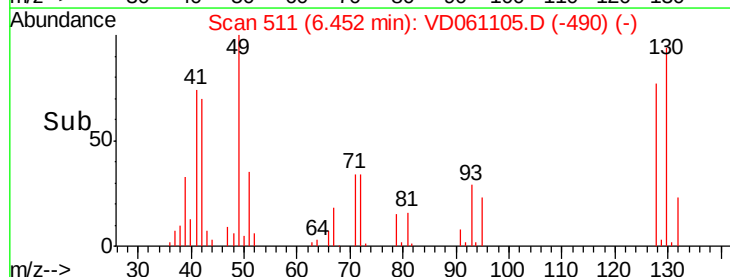
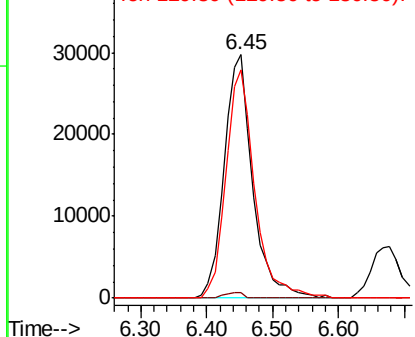
#28

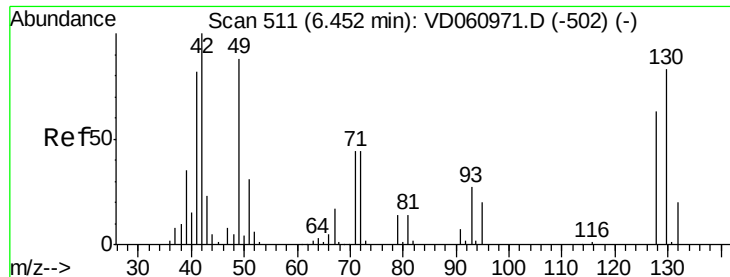
Bromochloromethane
Concen: 17.286 ug/l
RT: 6.45 min Scan# 511
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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

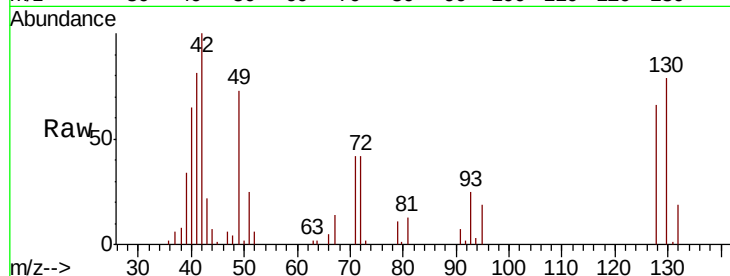
Tgt Ion: 42 Resp: 88796

Ion Ratio Lower Upper

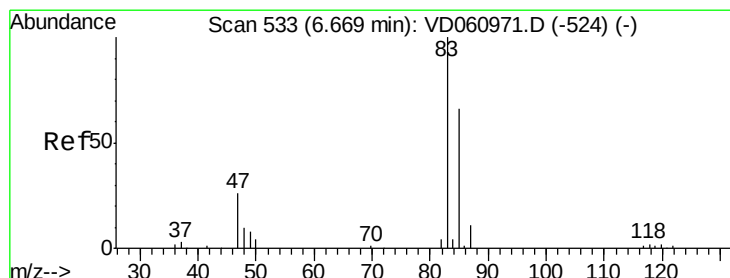
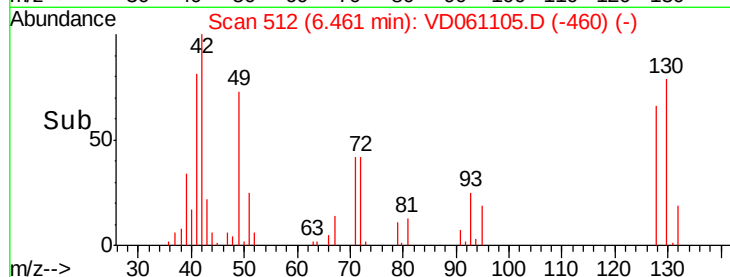
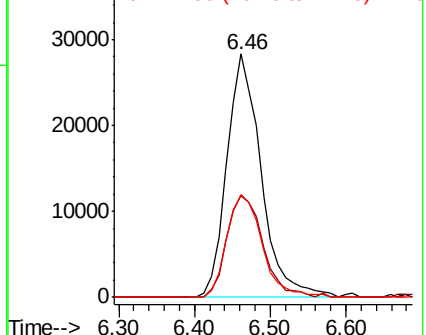
42 100

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

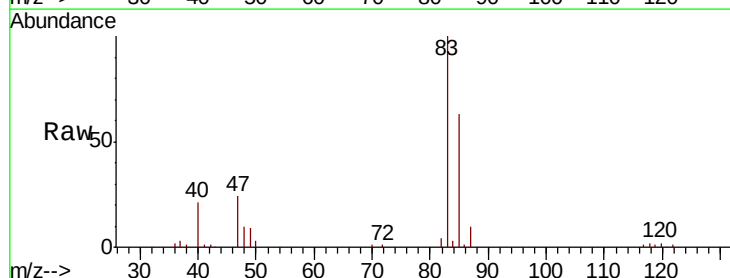
Acq: 16 Mar 2019 13:19

Tgt Ion: 83 Resp: 228202

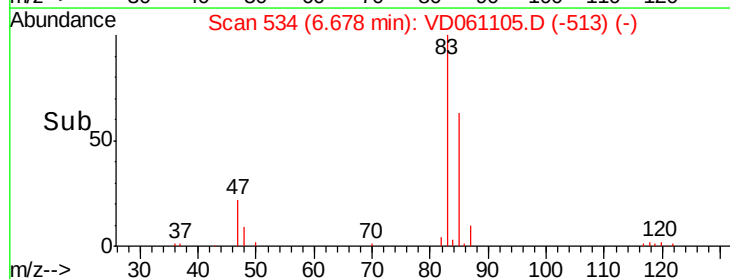
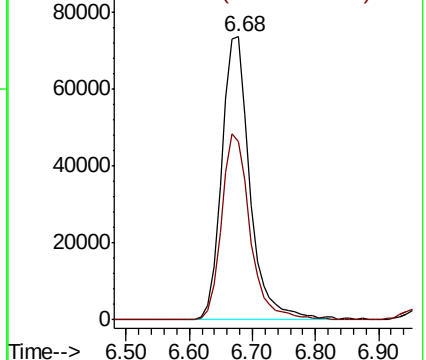
Ion Ratio Lower Upper

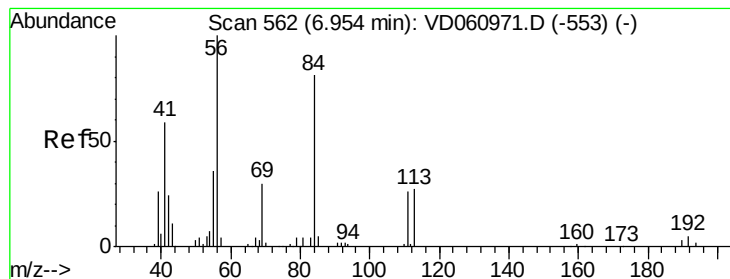
83 100

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

Cyclohexane

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

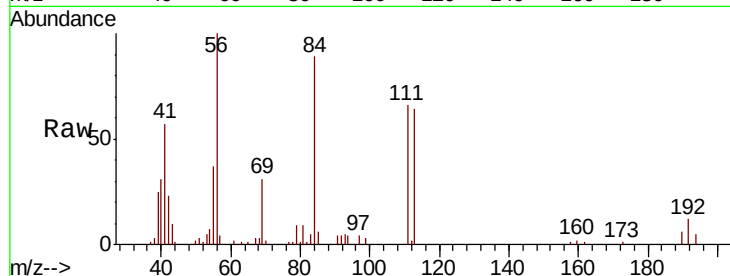
Tgt Ion: 56 Resp: 188081

Ion Ratio Lower Upper

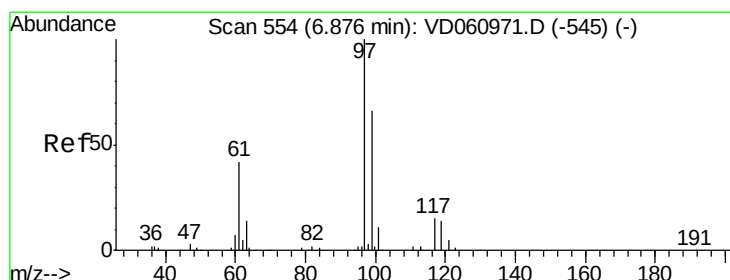
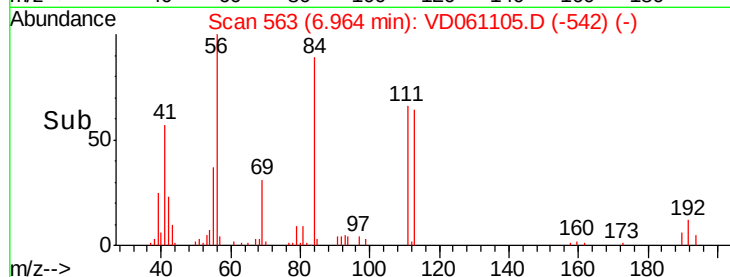
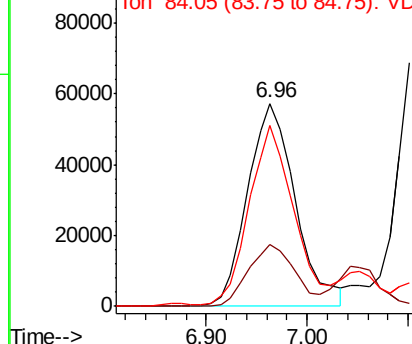
56 100

69 30.7 24.0 36.0

84 88.9 65.8 98.6



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



#32

1,1,1-Trichloroethane

Concen: 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

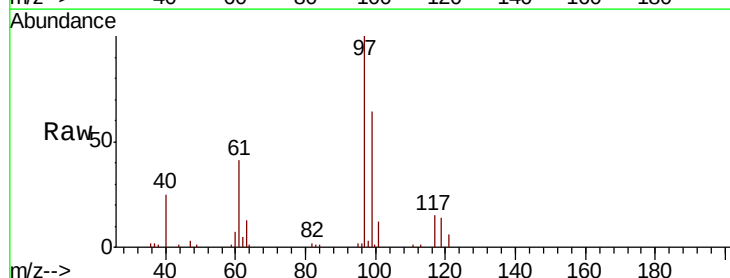
Tgt Ion: 97 Resp: 202836

Ion Ratio Lower Upper

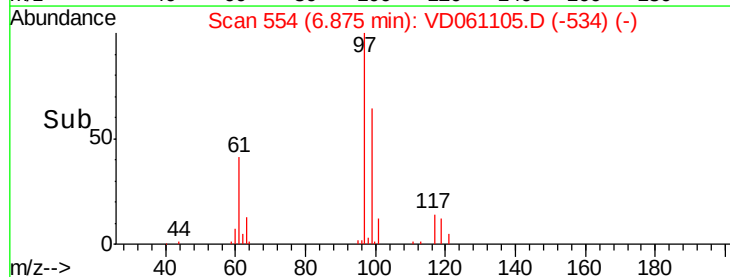
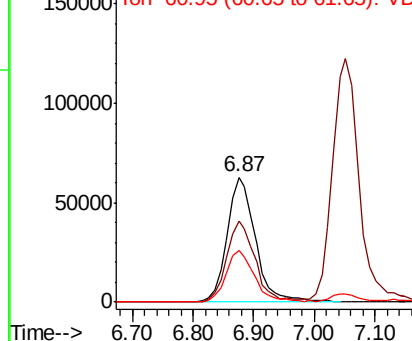
97 100

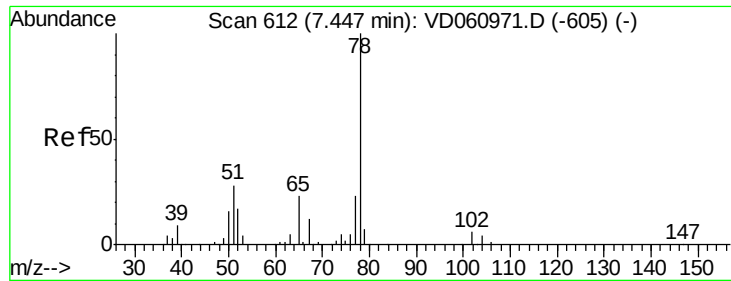
99 64.4 53.2 79.8

61 41.0 33.8 50.8



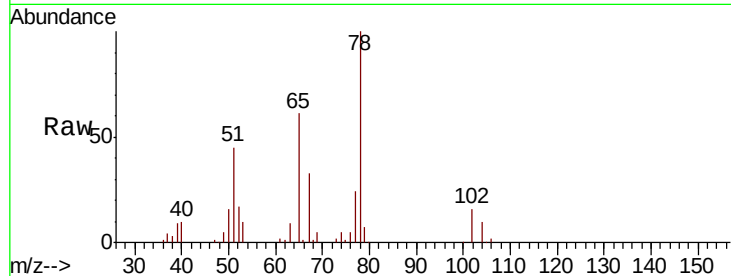
Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC



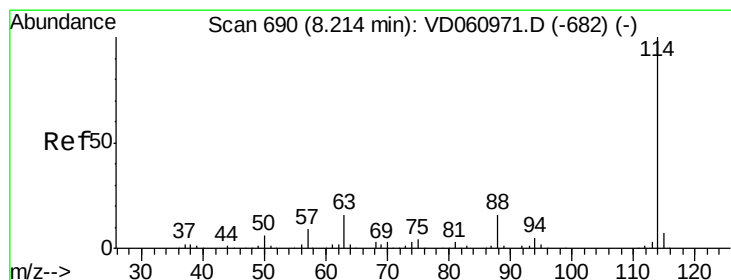
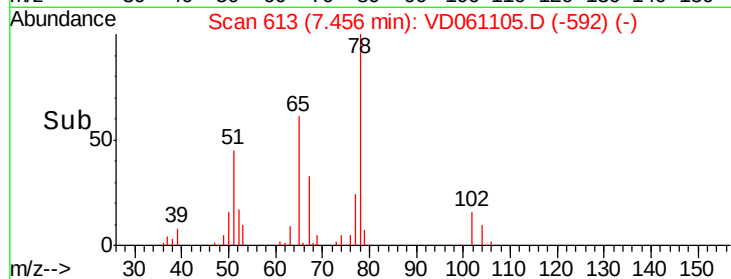
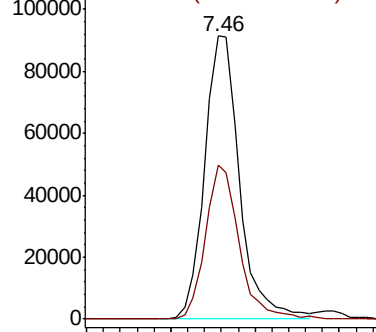


#33
 1,2-Dichloroethane-d4
 Concen: 18.392 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tgt Ion: 65 Resp: 264723
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.2

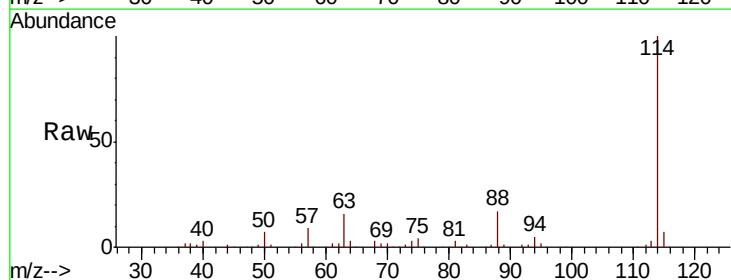


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

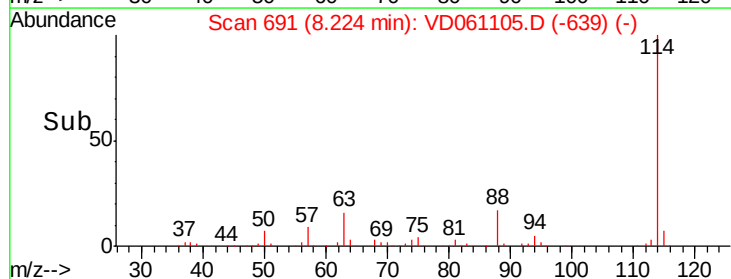
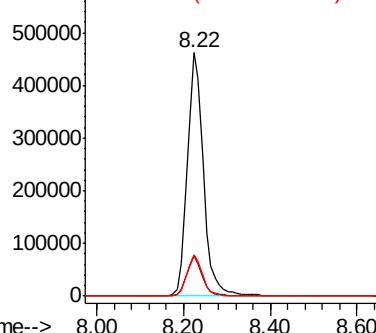


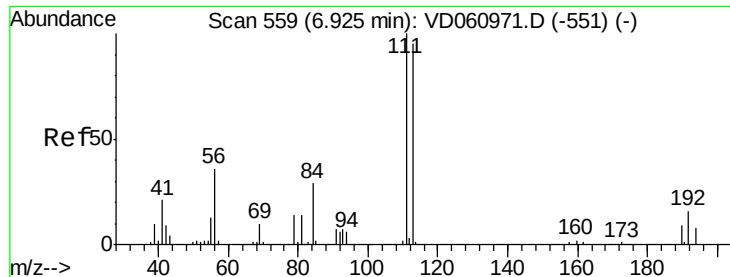
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

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

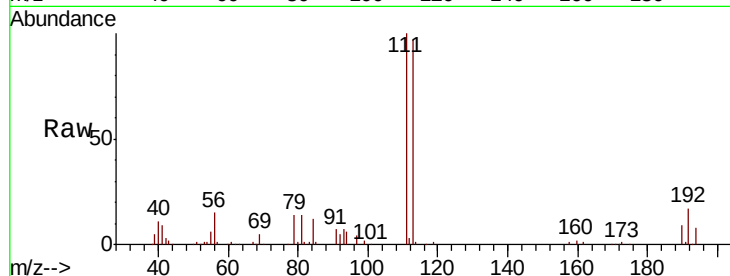
Tgt Ion: 113 Resp: 415193

Ion Ratio Lower Upper

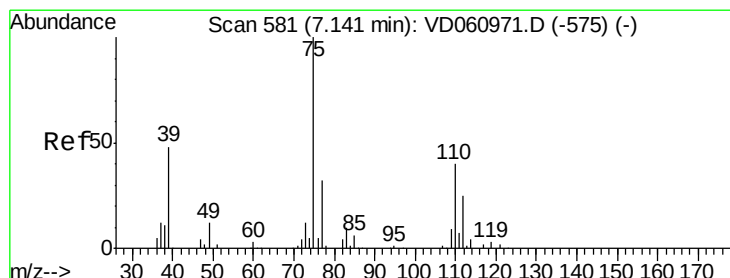
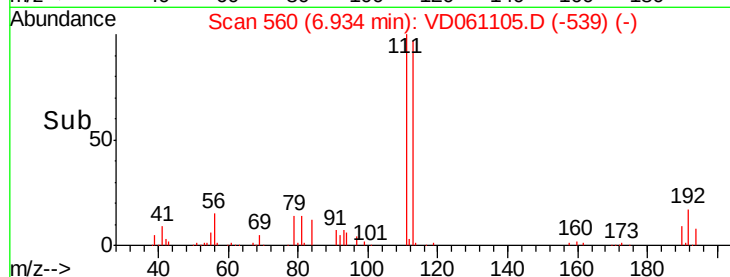
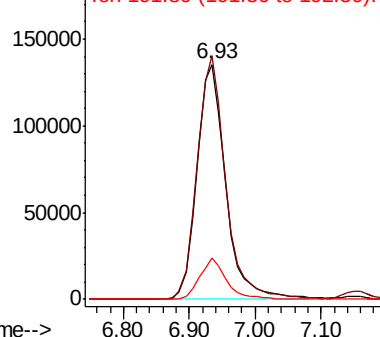
113 100

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

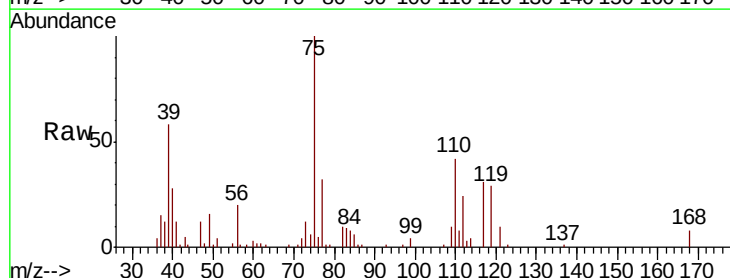
Tgt Ion: 75 Resp: 181464

Ion Ratio Lower Upper

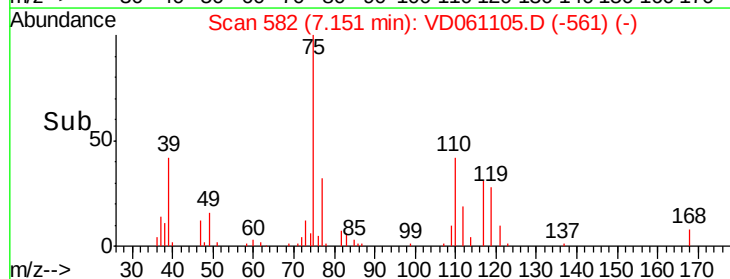
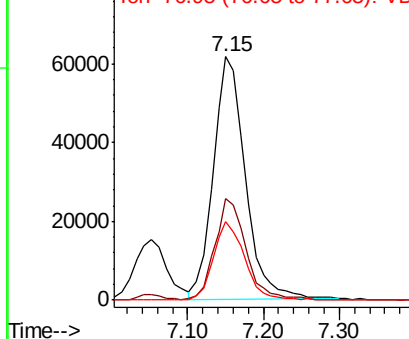
75 100

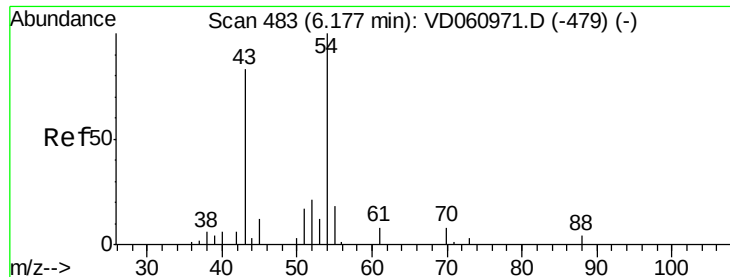
110 41.6 19.7 59.1

77 32.3 24.7 37.1



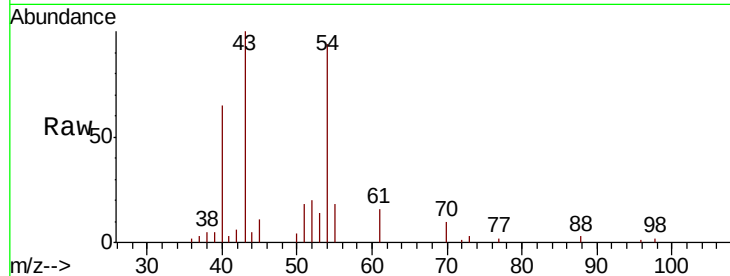
Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V



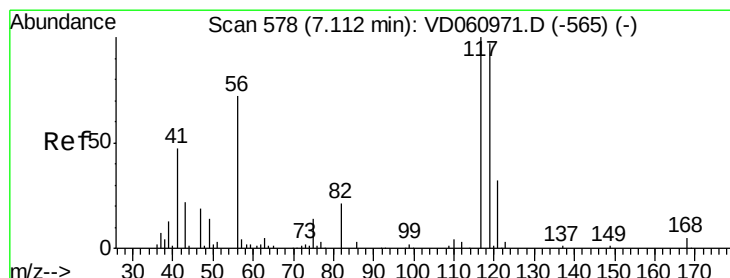
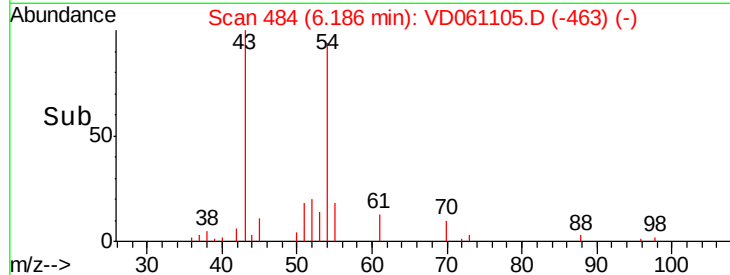
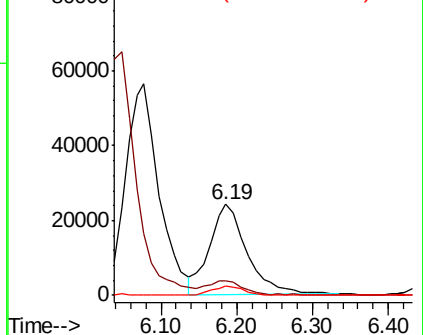


#37
Ethyl Acetate
Concen: 17.093 ug/l
RT: 6.19 min Scan# 484
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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

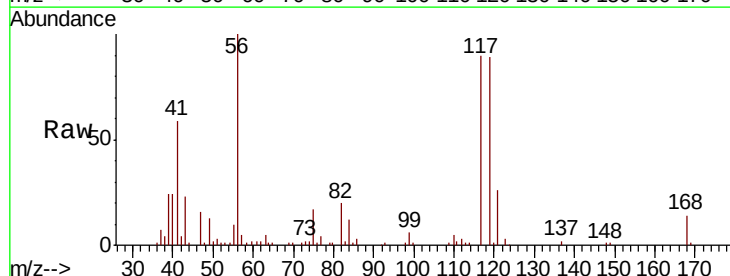


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

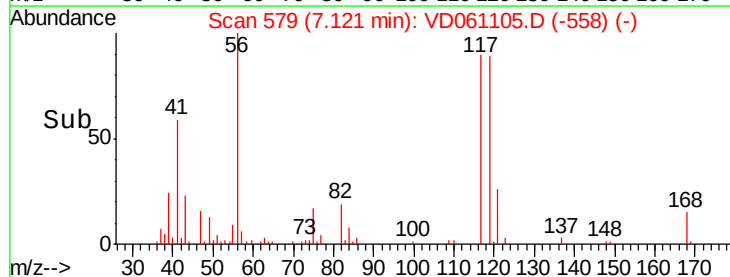
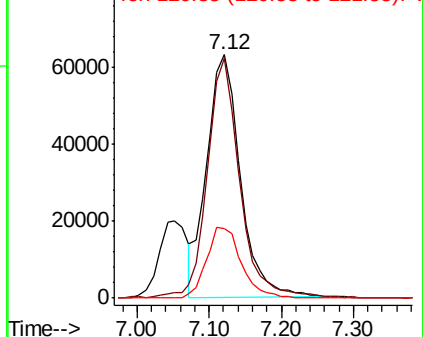


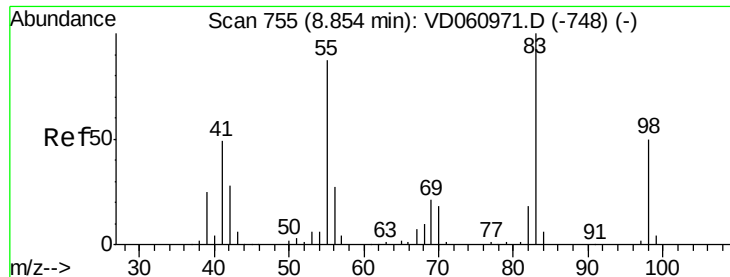
#38
Carbon Tetrachloride
Concen: 17.930 ug/l
RT: 7.12 min Scan# 579
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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



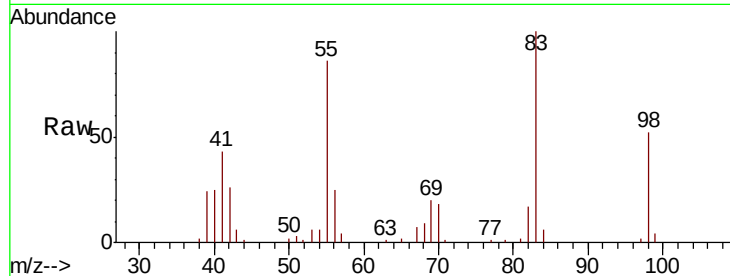
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



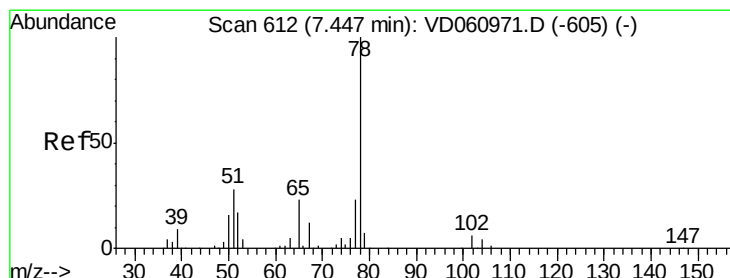
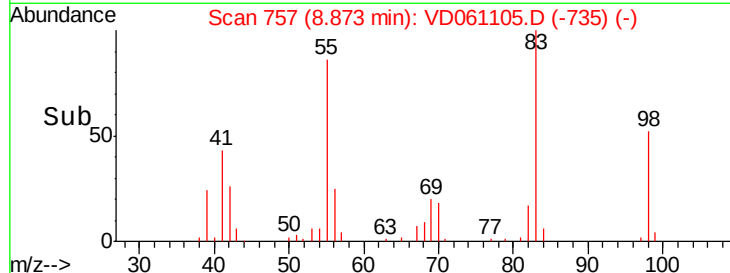
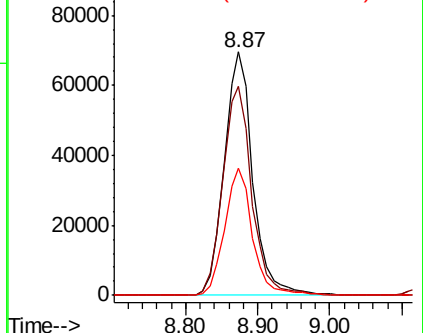


#39
Methylcyclohexane
Concen: 17.842 ug/l
RT: 8.87 min Scan# 757
Delta R.T. 0.02 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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

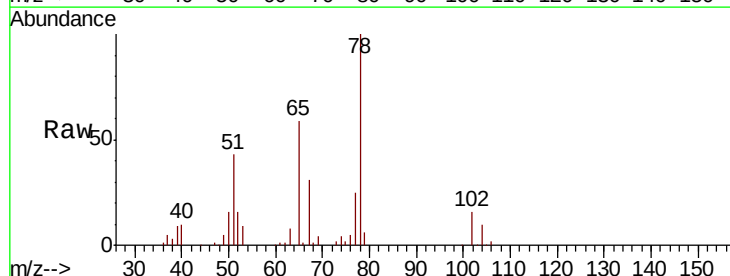


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

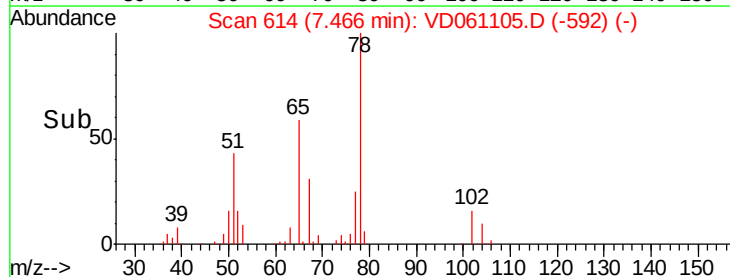
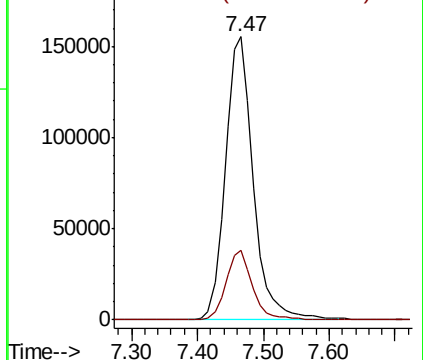


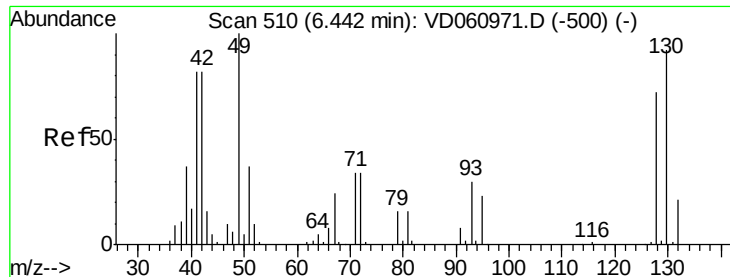
#40
Benzene
Concen: 17.837 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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



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





#41

Methacrylonitrile

Concen: 17.150 ug/l

RT: 6.46 min Scan# 512

Delta R.T. 0.02 min

Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

Tgt Ion: 41 Resp: 95350

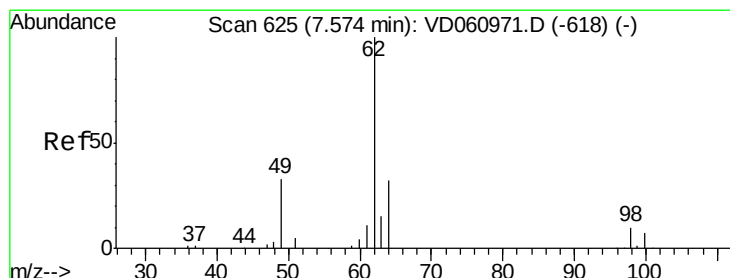
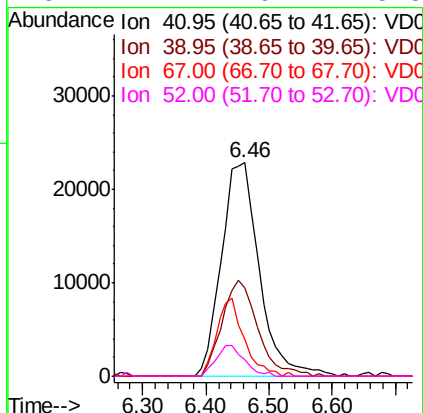
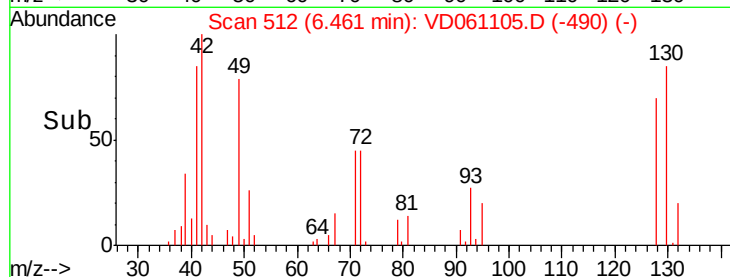
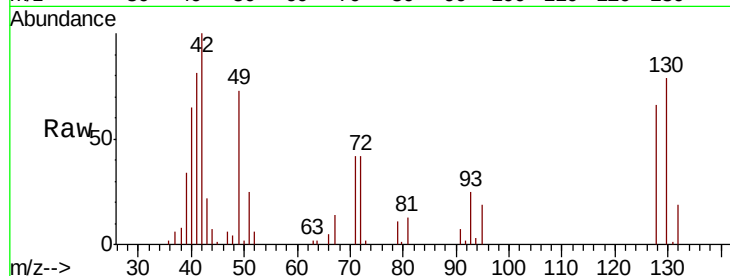
Ion Ratio Lower Upper

41 100

39 41.6 35.7 53.5

67 17.4 23.0 34.6#

52 7.7 9.2 13.8#



#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

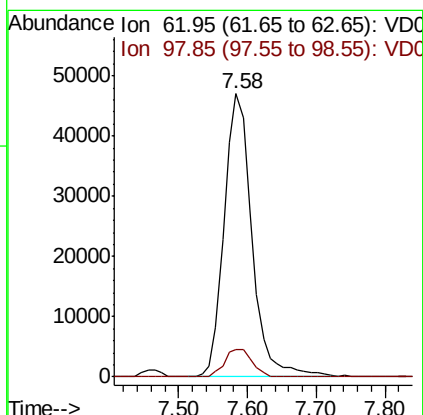
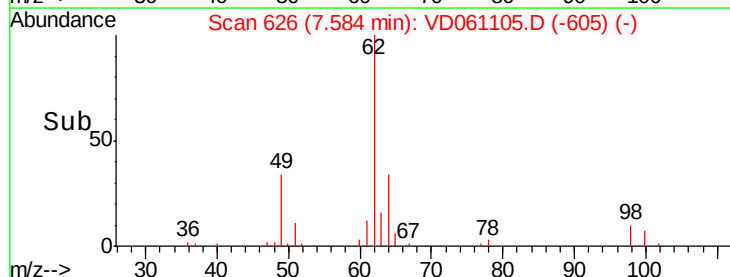
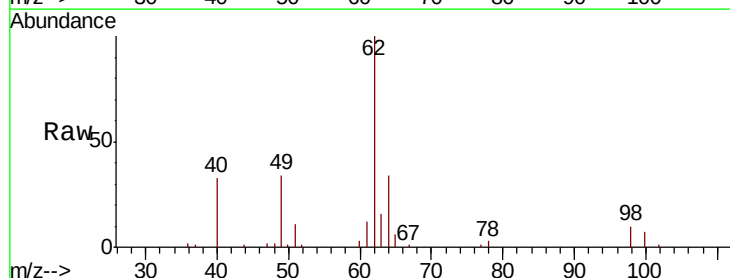
Acq: 16 Mar 2019 13:19

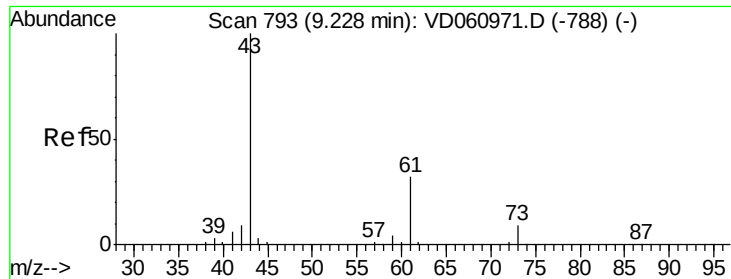
Tgt Ion: 62 Resp: 131657

Ion Ratio Lower Upper

62 100

98 9.8 0.0 20.4





#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

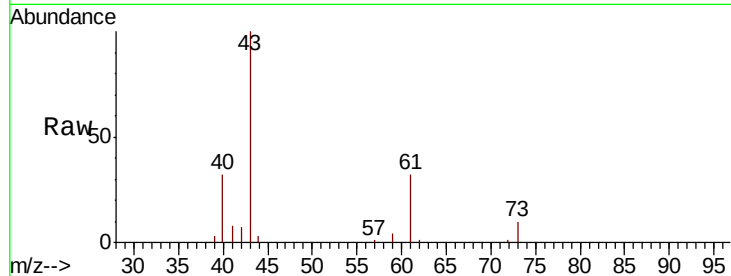
Tgt Ion: 43 Resp: 115487

Ion Ratio Lower Upper

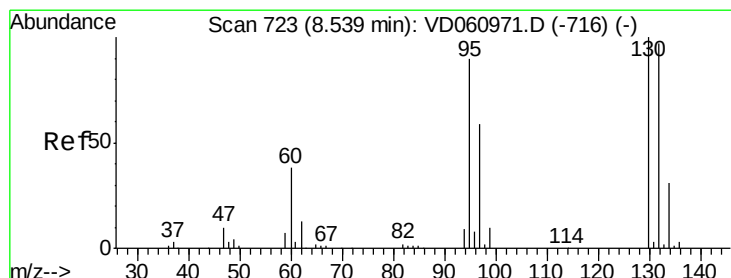
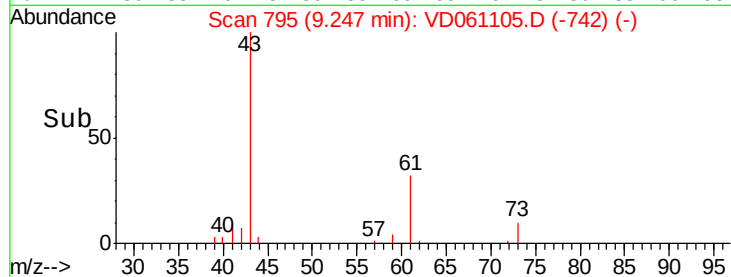
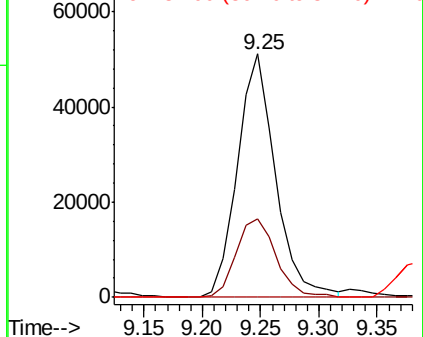
43 100

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

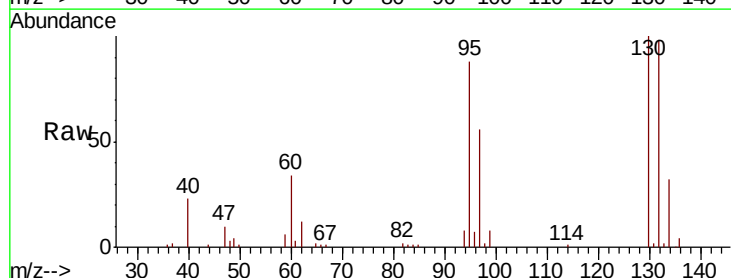
Acq: 16 Mar 2019 13:19

Tgt Ion: 130 Resp: 159680

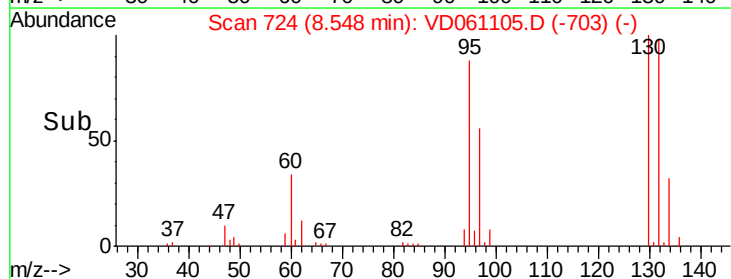
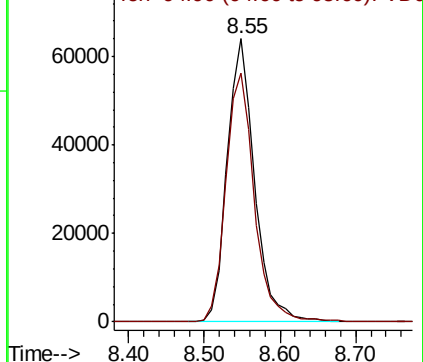
Ion Ratio Lower Upper

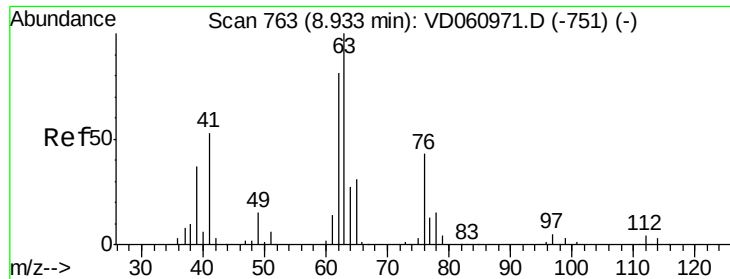
130 100

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

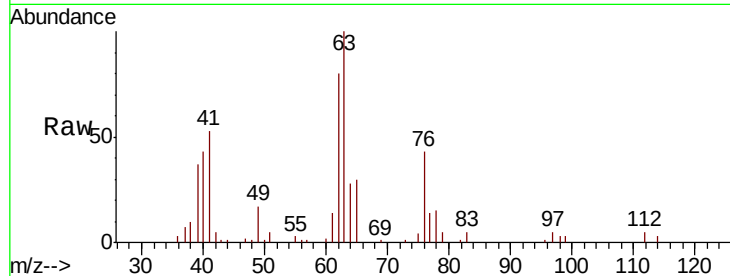
Acq: 16 Mar 2019 13:19

Tgt 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

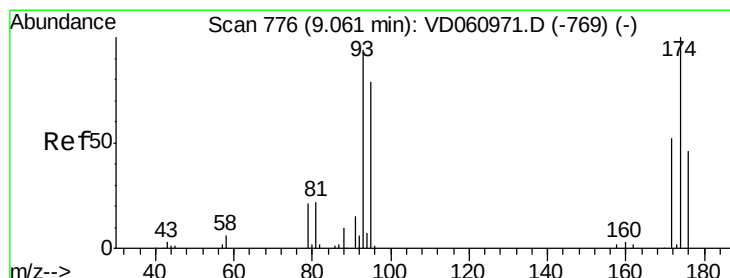
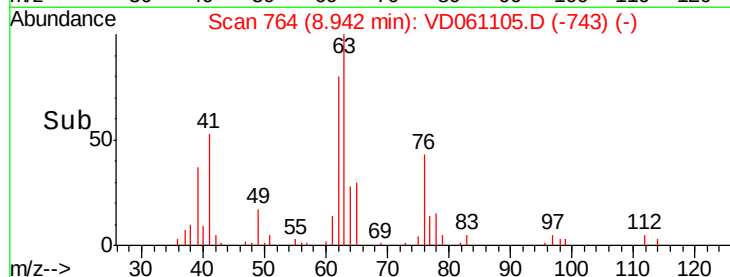
Time-->

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

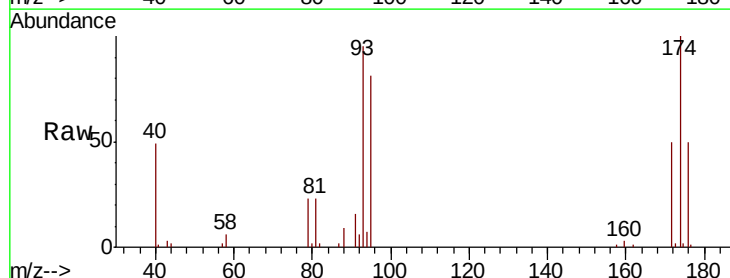
Tgt Ion: 93 Resp: 74856

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

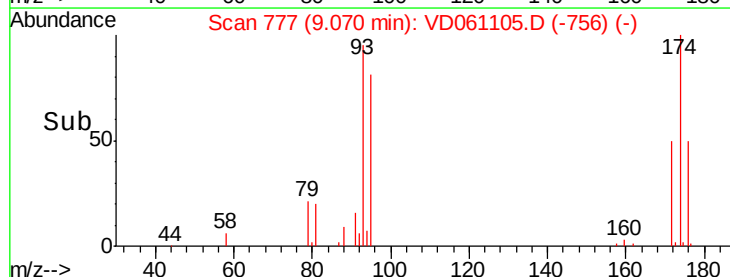
0

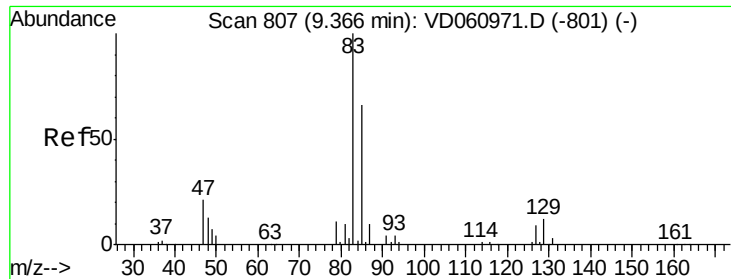
Time-->

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

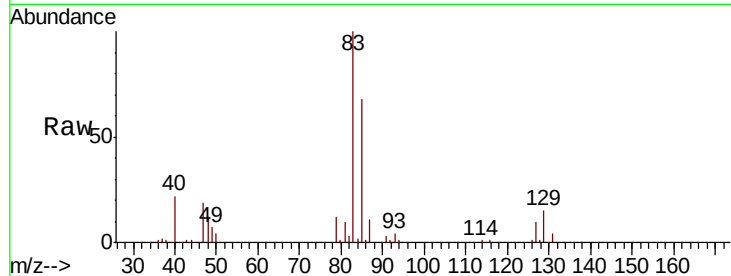
Tgt Ion: 83 Resp: 165103

Ion Ratio Lower Upper

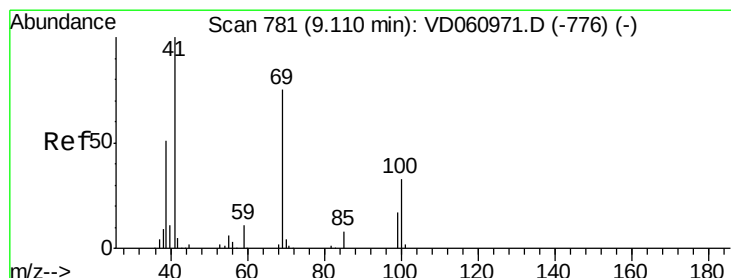
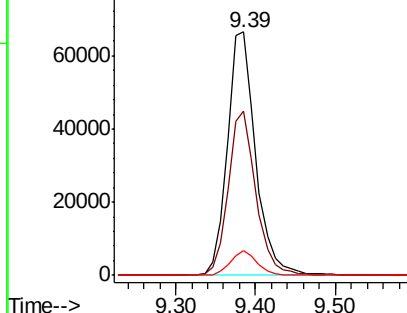
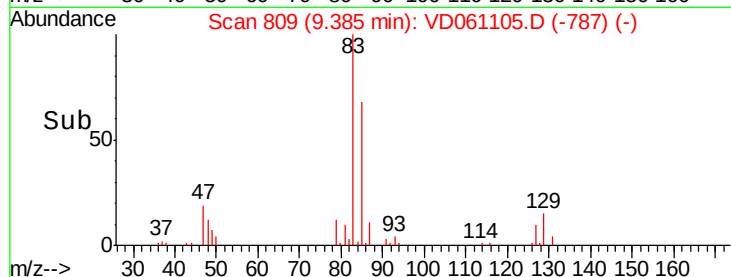
83 100

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

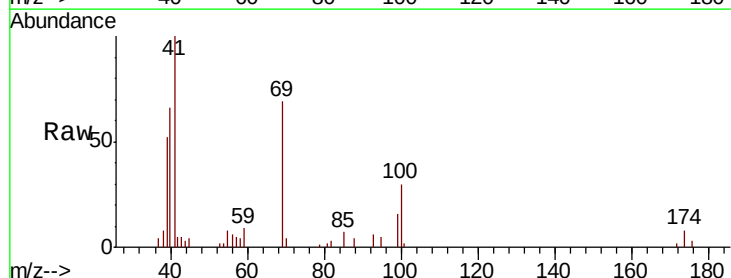
Tgt Ion: 41 Resp: 62951

Ion Ratio Lower Upper

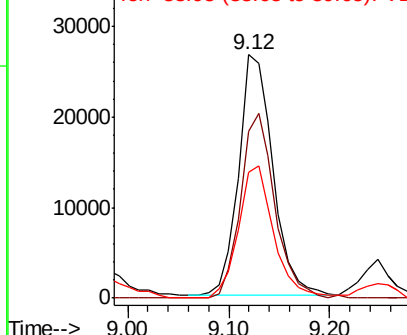
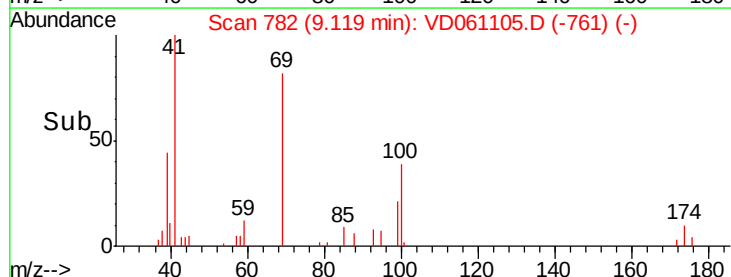
41 100

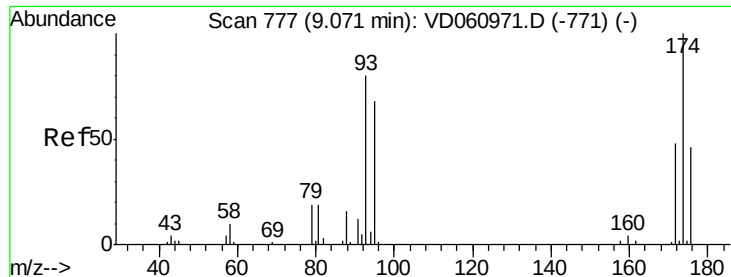
69 68.7 59.9 89.9

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

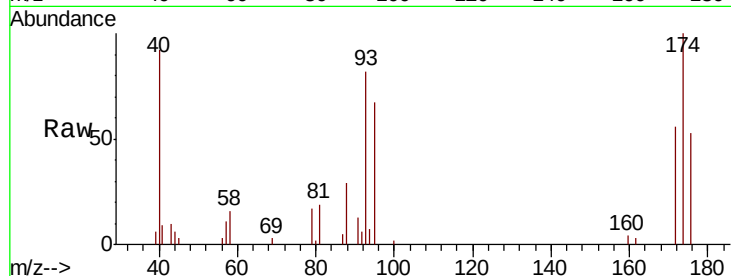
Delta R.T. 0.02 min

Lab File: VD061105.D

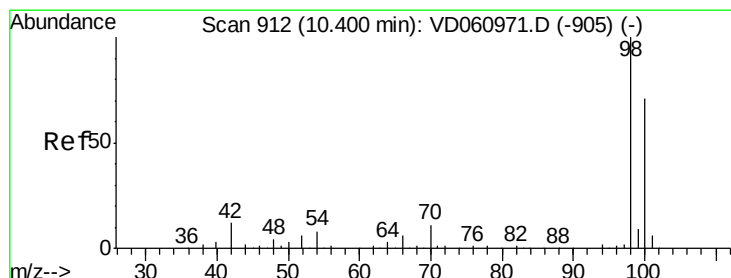
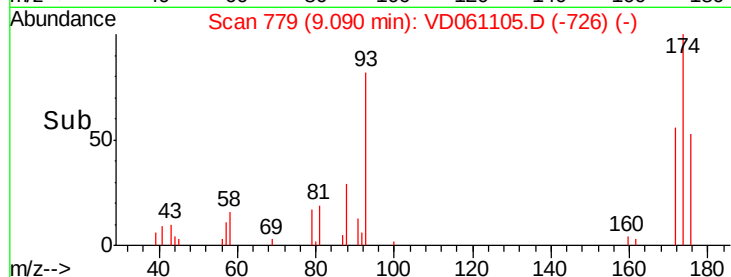
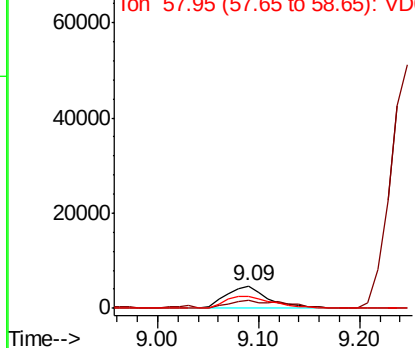
Acq: 16 Mar 2019 13:19

Tgt 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

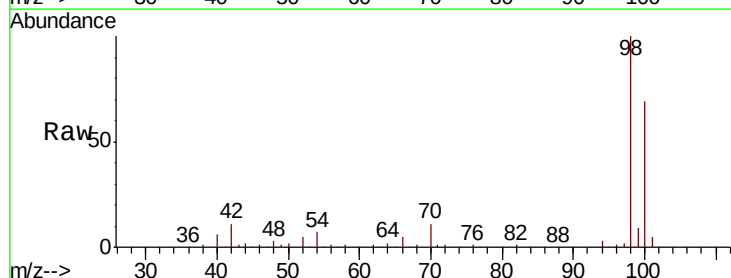
Delta R.T. 0.02 min

Lab File: VD061105.D

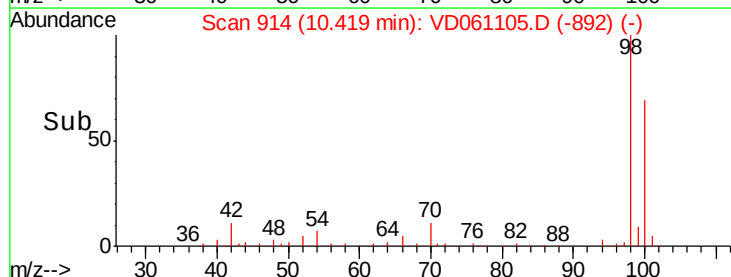
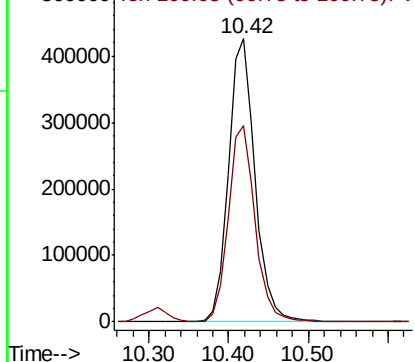
Acq: 16 Mar 2019 13:19

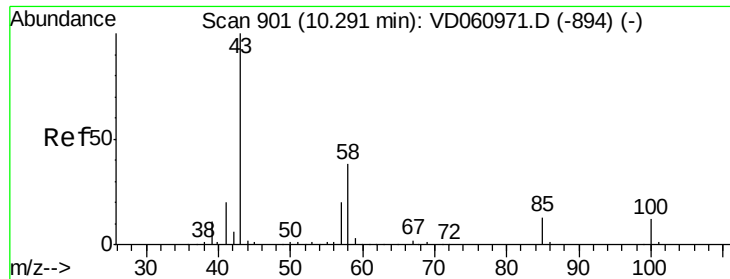
Tgt Ion: 98 Resp: 992370

Ion	Ratio	Lower	Upper
98	100		
100	69.3	57.4	86.2



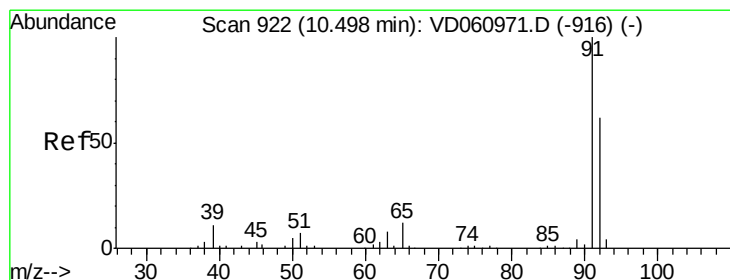
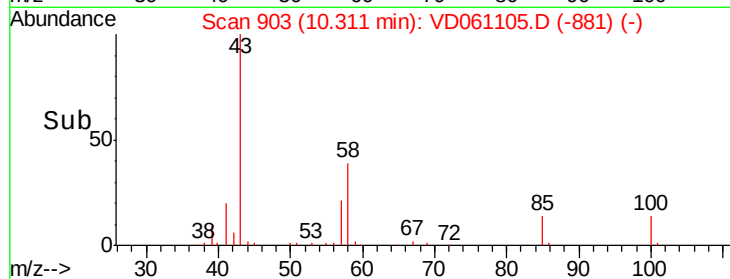
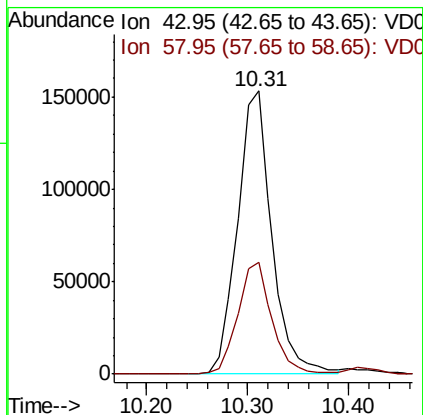
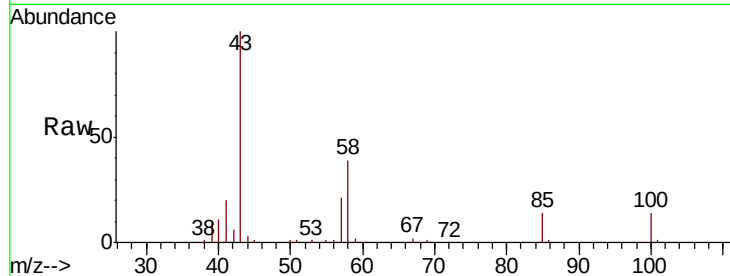
Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





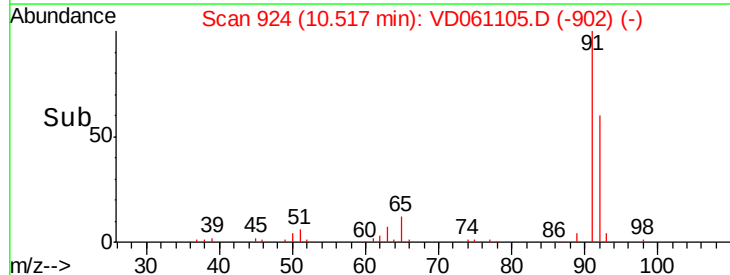
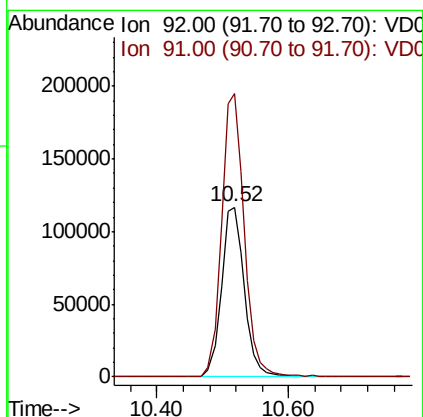
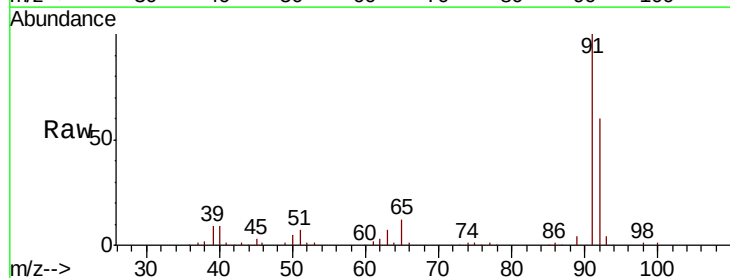
#51
4-Methyl-2-Pentanone
Concen: 88.442 ug/l
RT: 10.31 min Scan# 903
Delta R.T. 0.02 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

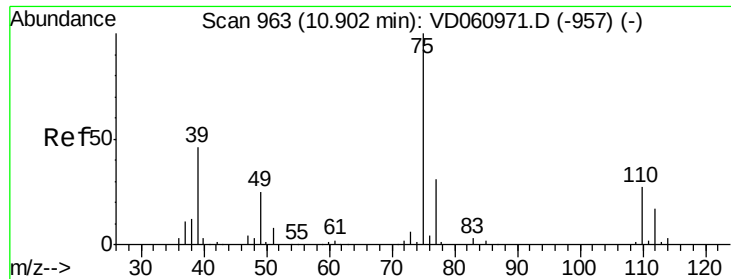
Tgt Ion: 43 Resp: 362729
Ion Ratio Lower Upper
43 100
58 39.4 30.2 45.2



#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





#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

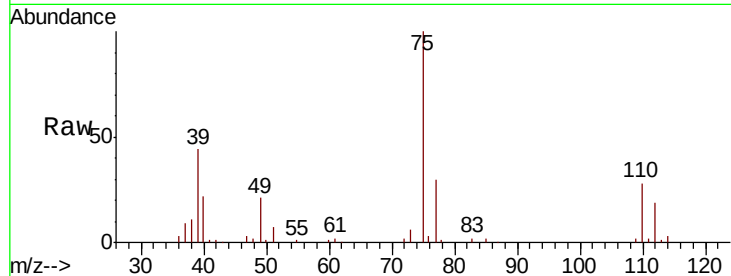
Acq: 16 Mar 2019 13:19

Tgt Ion: 75 Resp: 155516

Ion Ratio Lower Upper

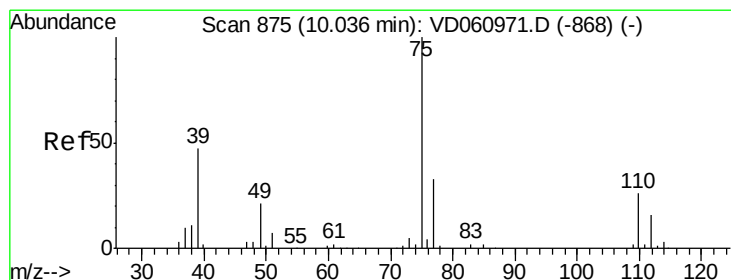
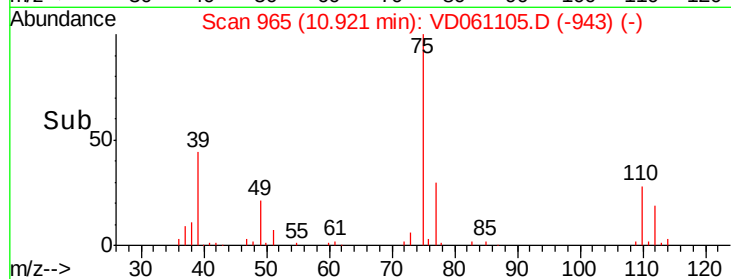
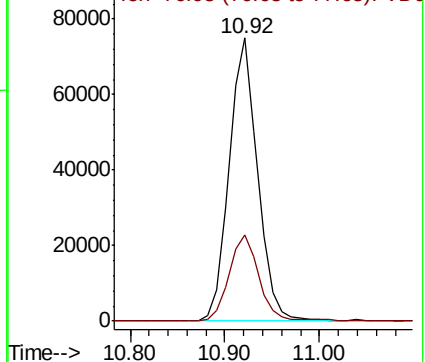
75 100

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

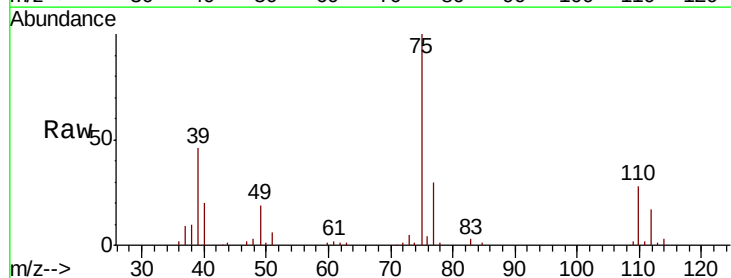
Tgt Ion: 75 Resp: 186300

Ion Ratio Lower Upper

75 100

77 30.2 26.2 39.4

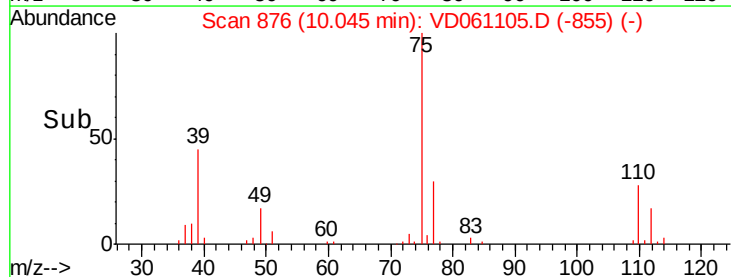
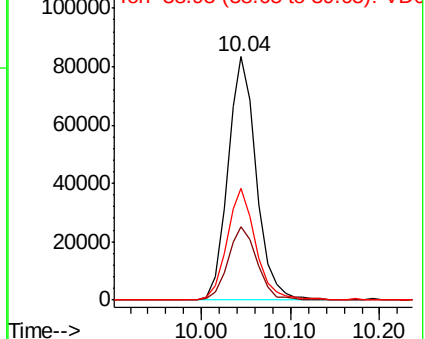
39 46.1 37.8 56.8

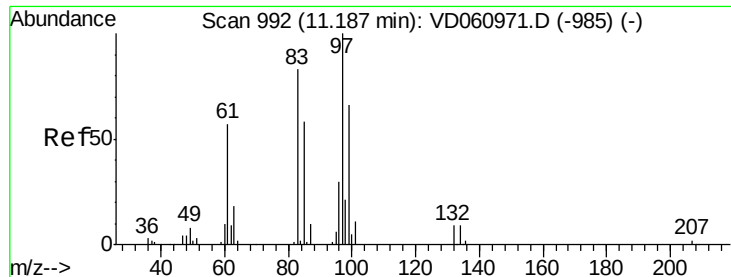


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

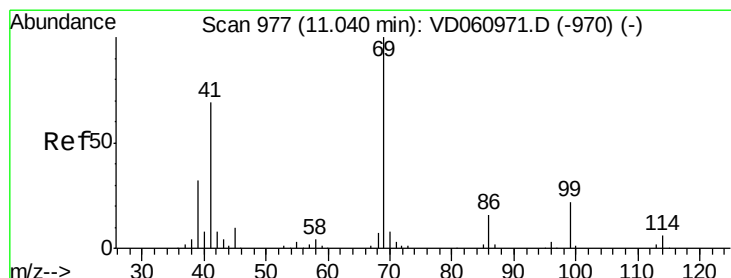
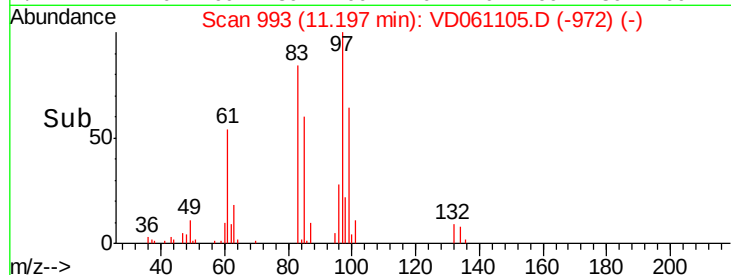
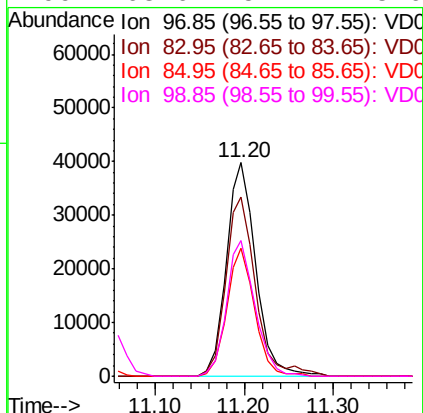
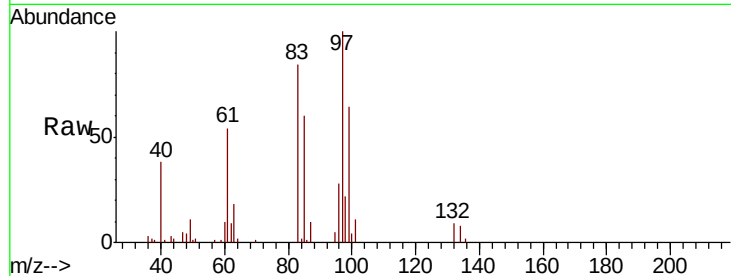
Ion 38.95 (38.65 to 39.65): VDC





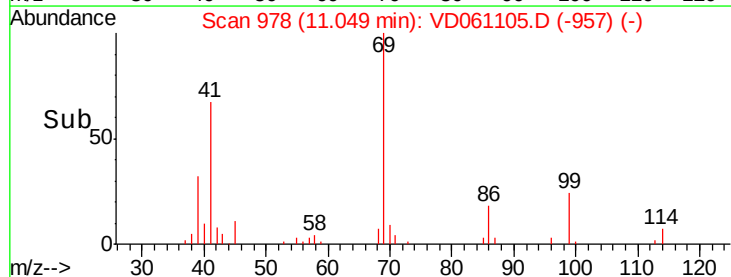
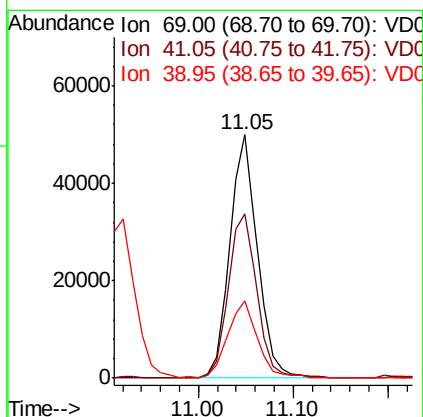
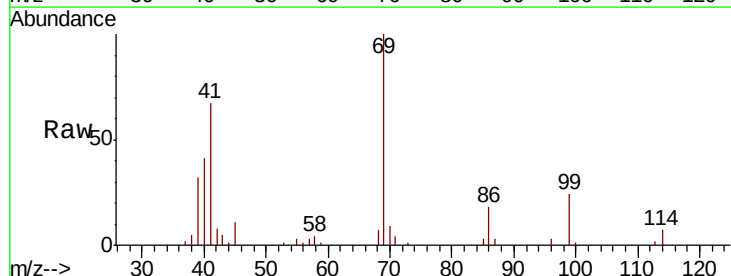
#55
 1,1,2-Trichloroethane
 Concen: 17.263 ug/l
 RT: 11.20 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

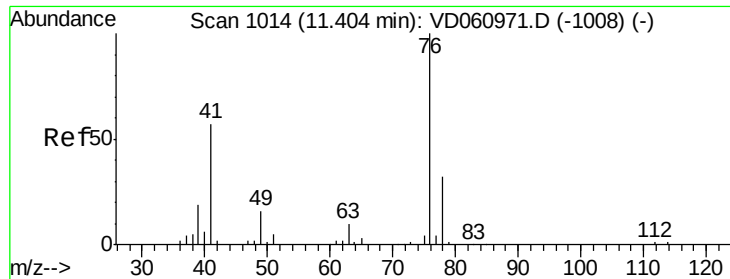
Tgt Ion:	97	Resp:	92011
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.6	100.0
85	60.0	46.4	69.6
99	63.6	52.4	78.6



#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

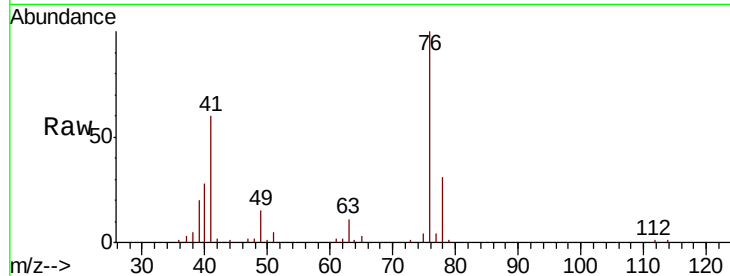
Tgt Ion:	69	Resp:	100337
Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.5	83.3
39	32.0	26.2	39.2



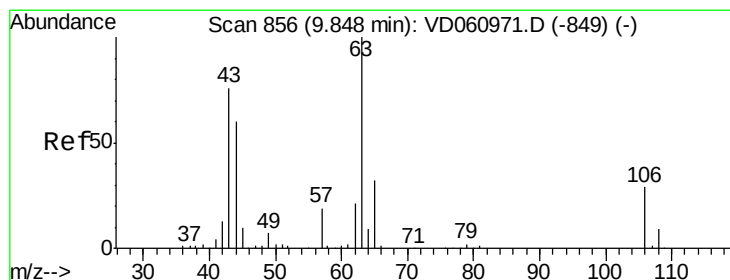
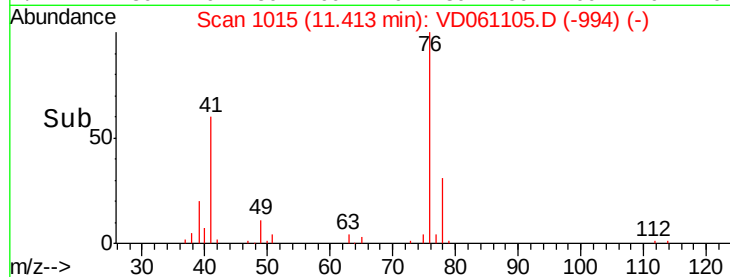
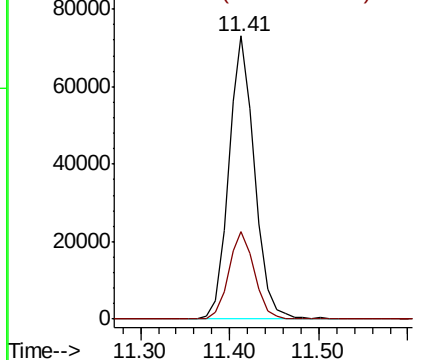


#57
 1,3-Dichloropropane
 Concen: 18.531 ug/l
 RT: 11.41 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tgt Ion: 76 Resp: 147601
 Ion Ratio Lower Upper
 76 100
 78 30.9 25.4 38.0

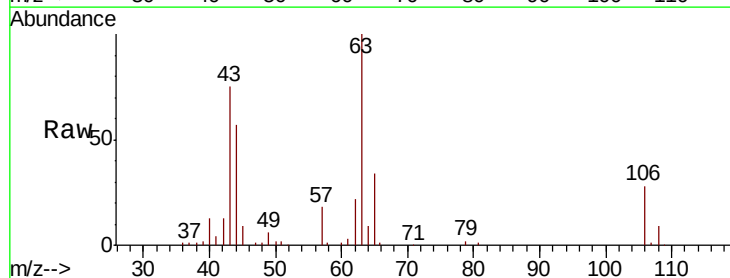


Abundance Ion 75.95 (75.65 to 76.65): VDC
 Ion 77.95 (77.65 to 78.65): VDC

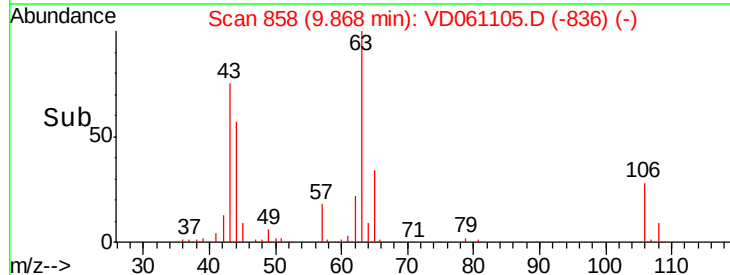
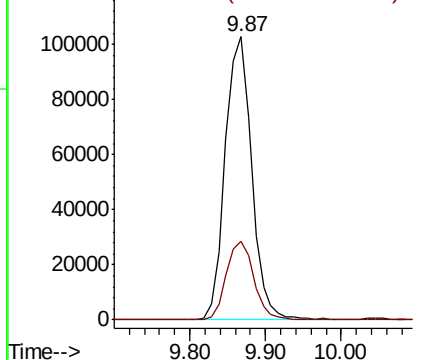


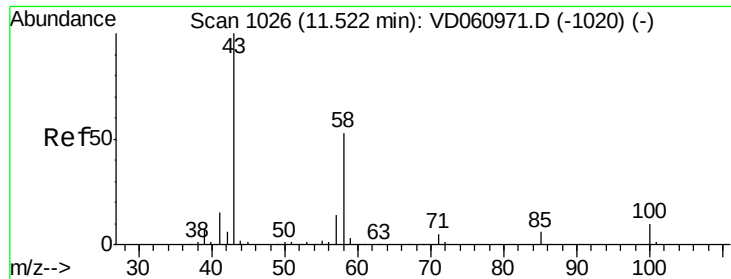
#58
 2-Chloroethyl Vinyl ether
 Concen: 84.404 ug/l
 RT: 9.87 min Scan# 858
 Delta R.T. 0.02 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

Tgt Ion: 63 Resp: 249249
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.8 34.2



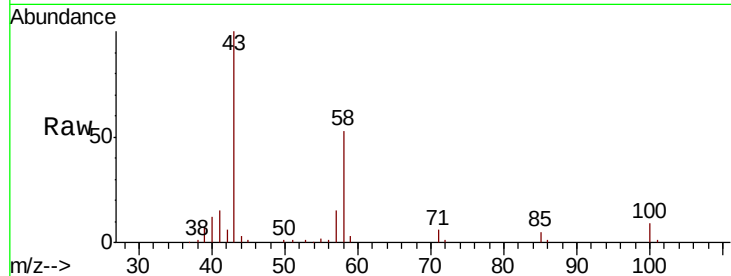
Abundance Ion 62.95 (62.65 to 63.65): VDC
 Ion 105.95 (105.65 to 106.65): V



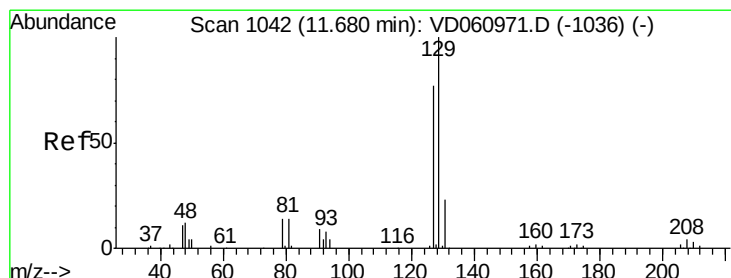
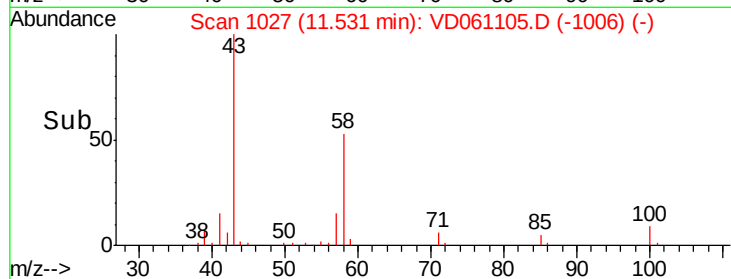
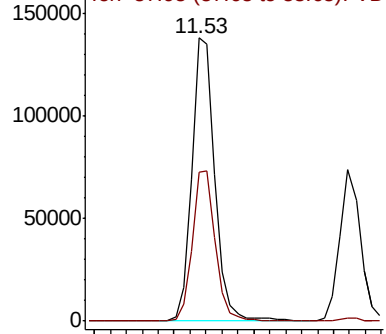


#59
2-Hexanone
Concen: 93.840 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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

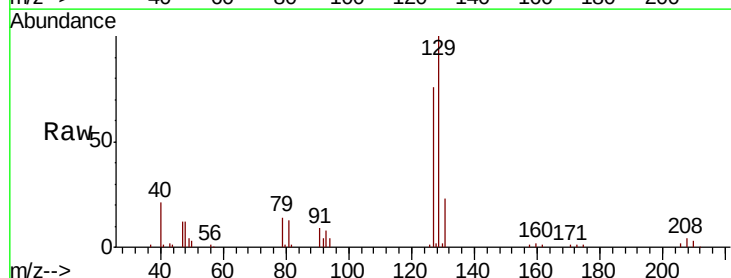


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

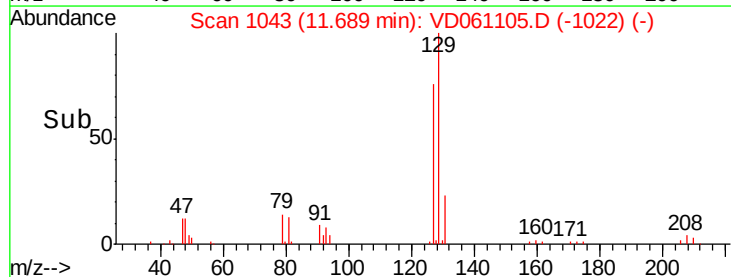
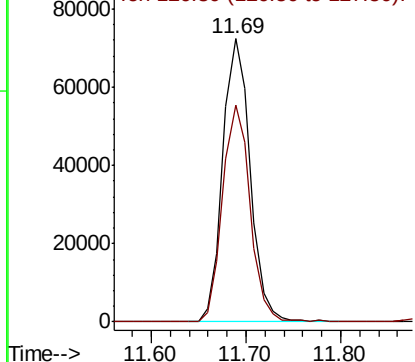


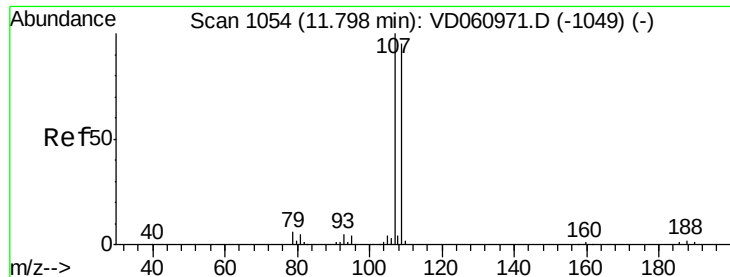
#60
Dibromochloromethane
Concen: 18.524 ug/l
RT: 11.69 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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



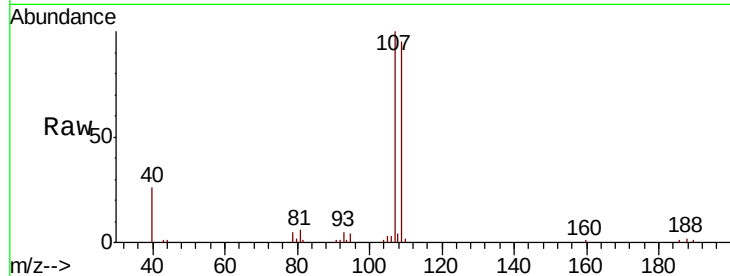
Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



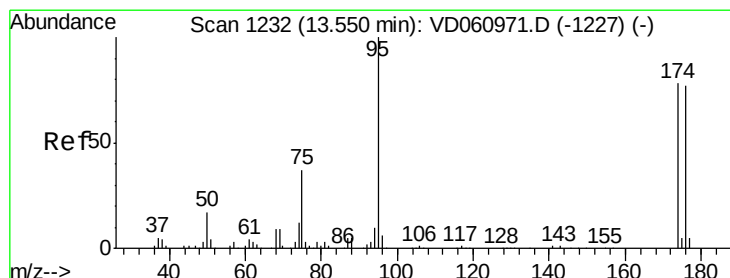
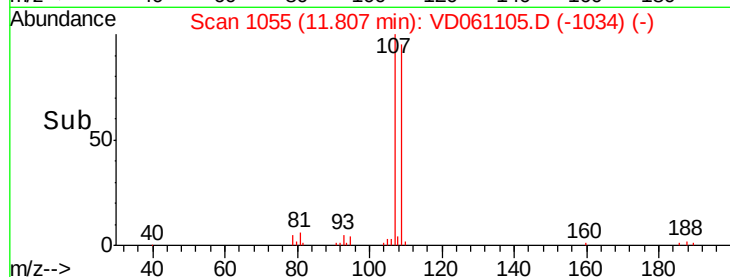
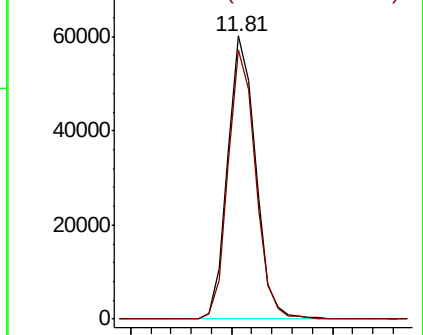


#61
 1,2-Dibromoethane
 Concen: 18.573 ug/l
 RT: 11.81 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

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

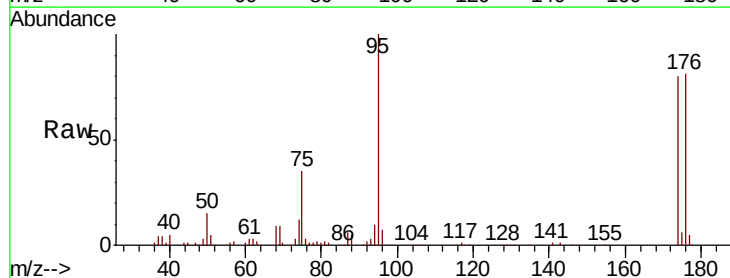


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.90 (108.60 to 109.60): V

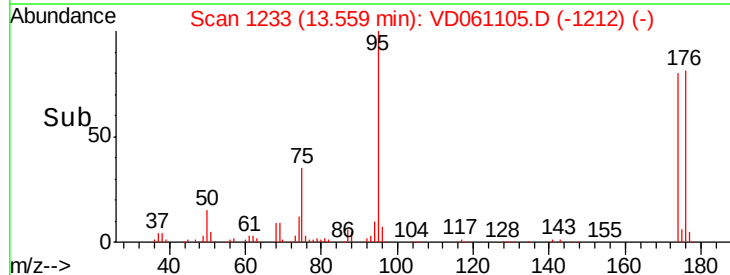
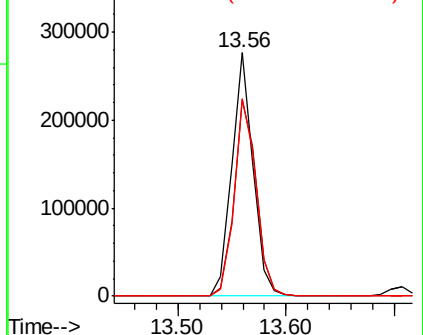


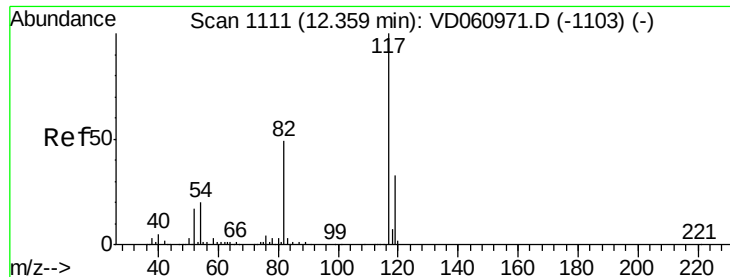
#62
 4-Bromofluorobenzene
 Concen: 18.573 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

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



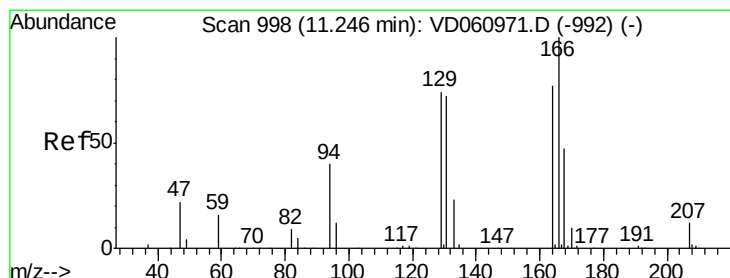
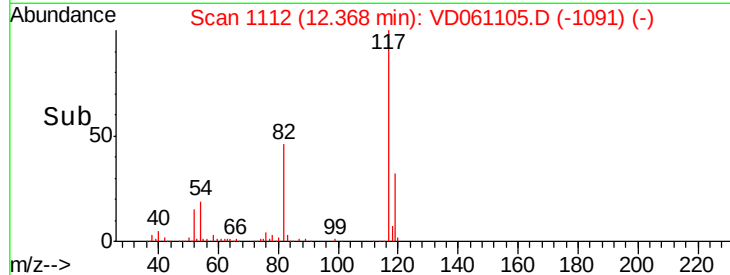
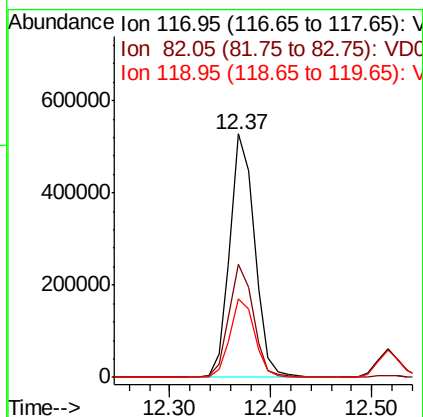
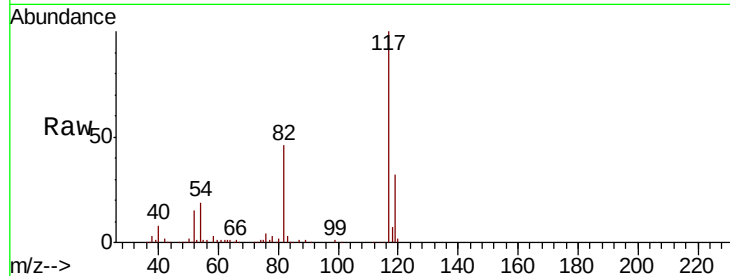
Abundance Ion 95.00 (94.70 to 95.70): V
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V





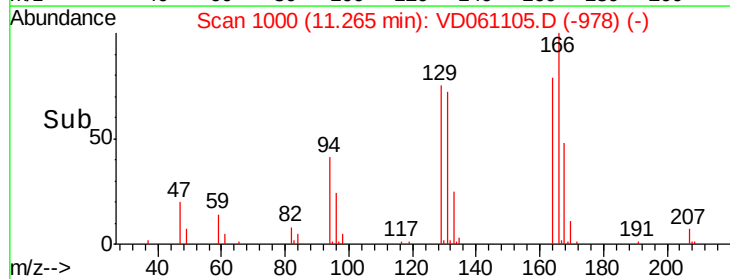
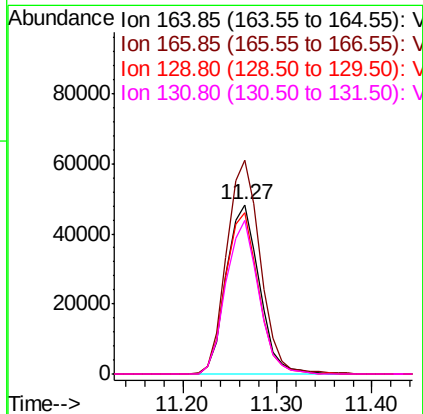
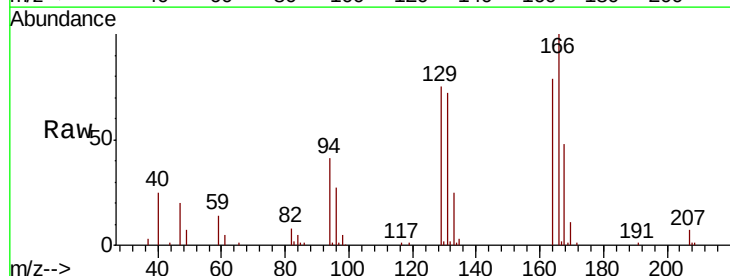
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

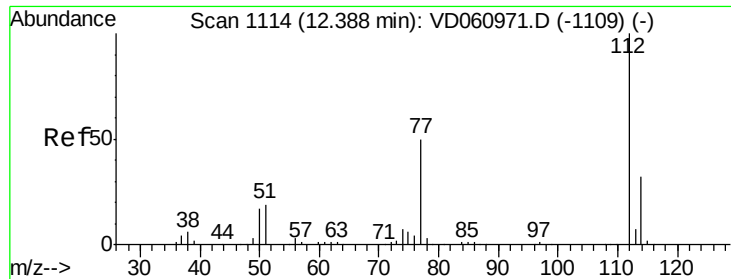
Tgt Ion:	117	Resp:	905004
Ion	Ratio	Lower	Upper
117	100		
82	46.5	38.9	58.3
119	32.4	26.6	39.8



#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

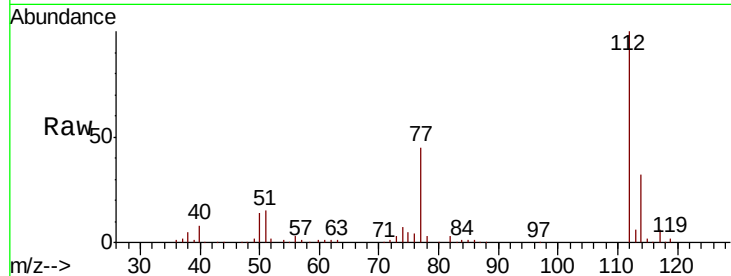
Tgt Ion:	164	Resp:	116637
Ion	Ratio	Lower	Upper
164	100		
166	126.0	103.4	155.0
129	95.0	76.9	115.3
131	90.4	74.4	111.6



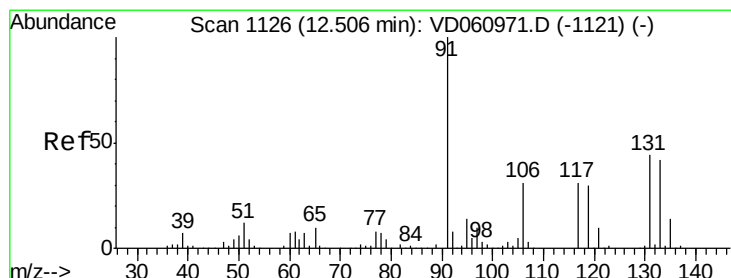
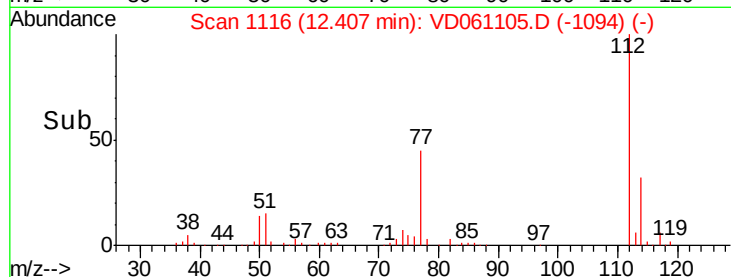
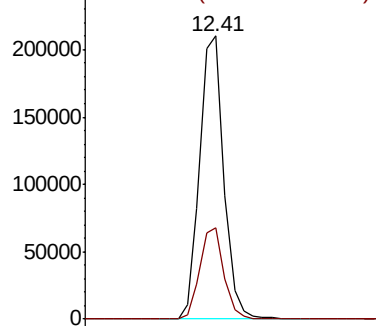


#65
Chlorobenzene
Concen: 20.933 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.02 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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

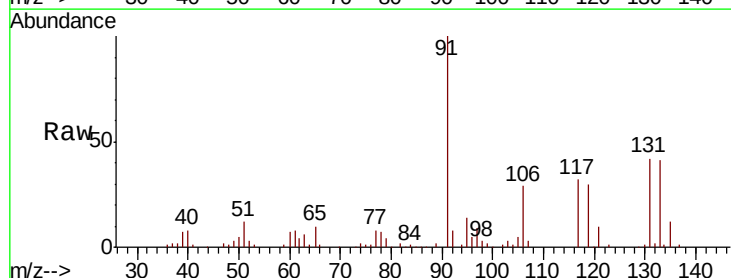


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

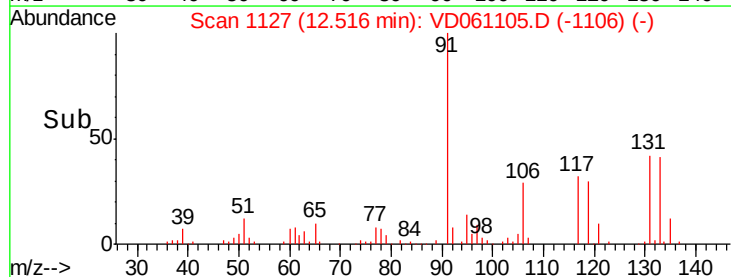
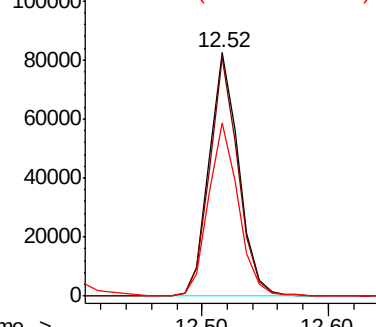


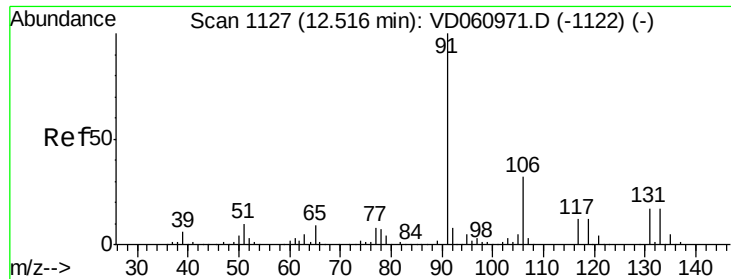
#66
1,1,1,2-Tetrachloroethane
Concen: 21.026 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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



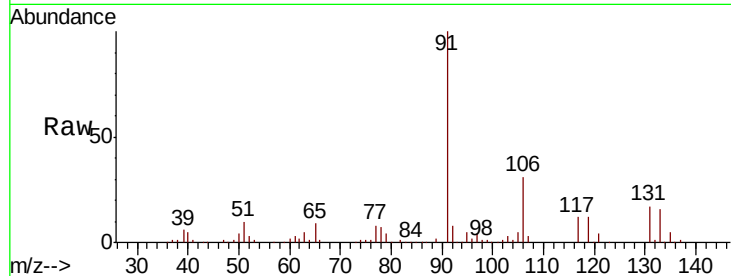
Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V



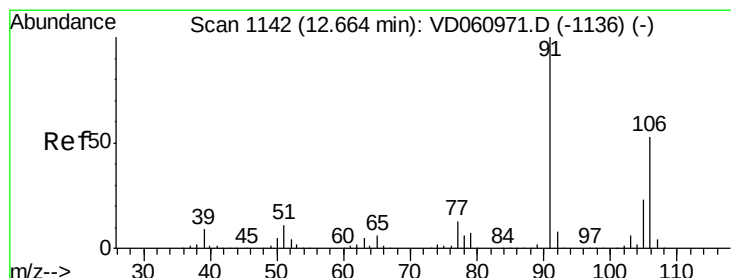
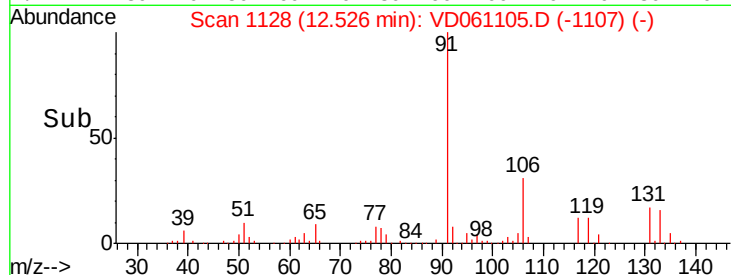
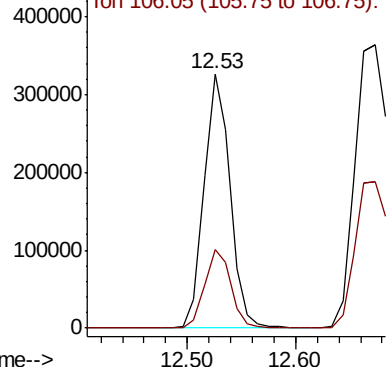


#67
Ethyl Benzene
Concen: 20.589 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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

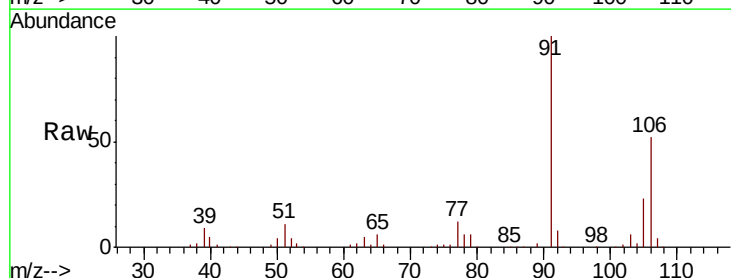


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

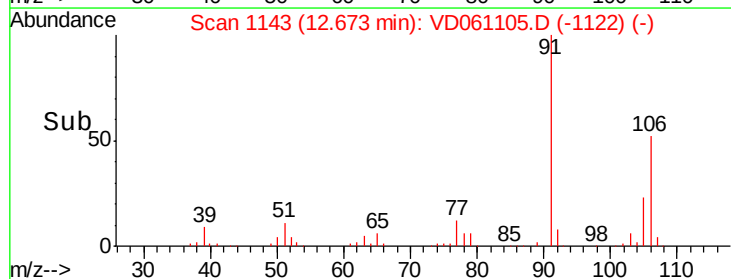
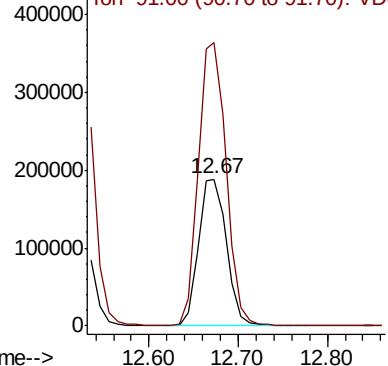


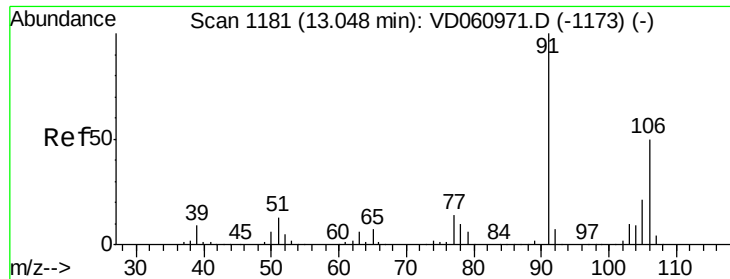
#68
m/p-Xylenes
Concen: 40.118 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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



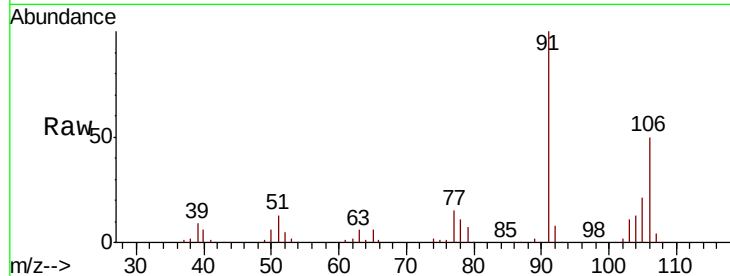
Abundance Ion 106.05 (105.75 to 106.75): VDC
Ion 91.00 (90.70 to 91.70): VDC



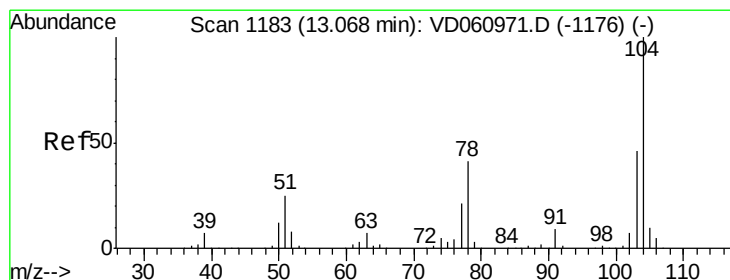
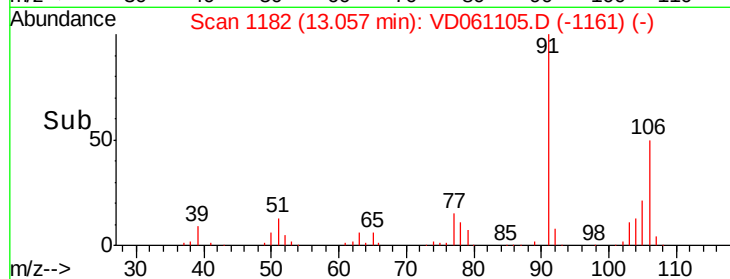
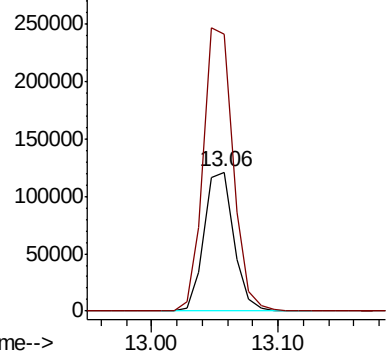


#69
o-Xylene
Concen: 19.421 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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

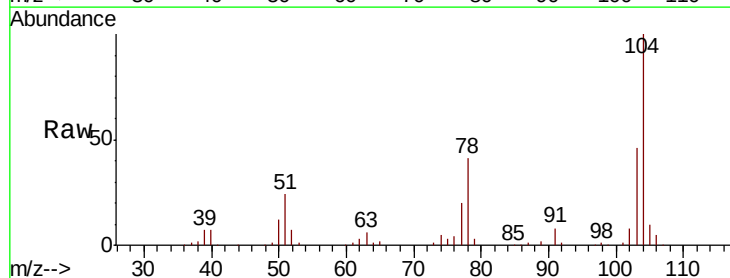


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

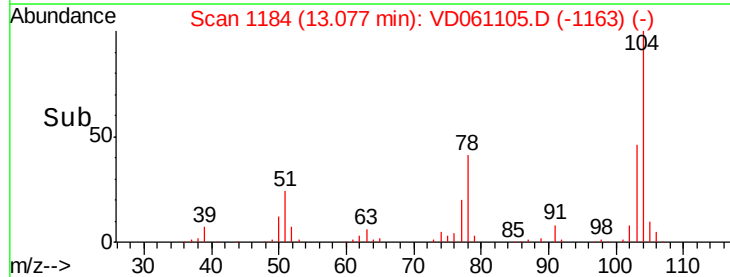
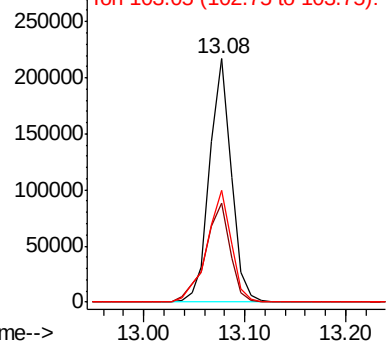


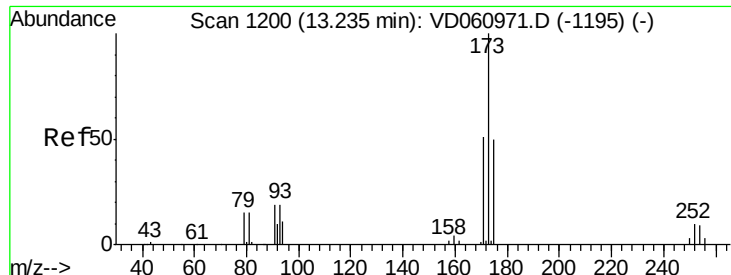
#70
Styrene
Concen: 19.430 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

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

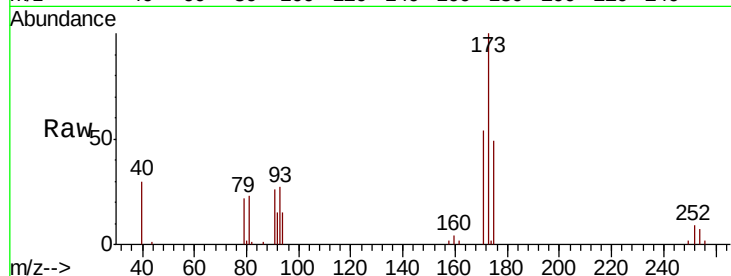
Tgt Ion:173 Resp: 83606

Ion Ratio Lower Upper

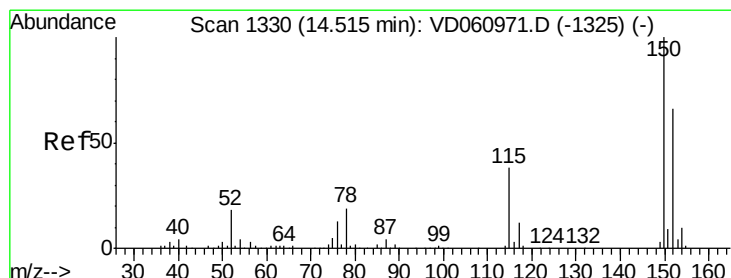
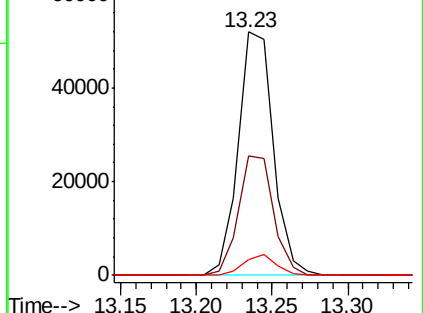
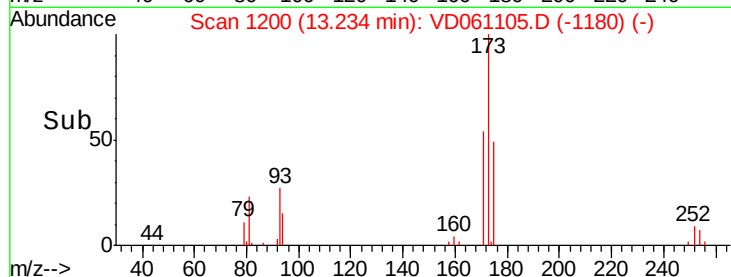
173 100

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

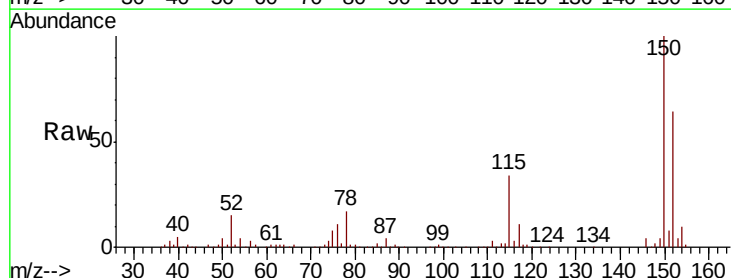
Tgt Ion:152 Resp: 406262

Ion Ratio Lower Upper

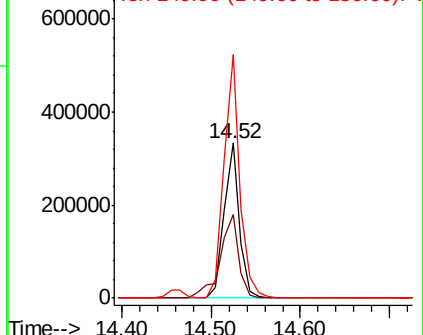
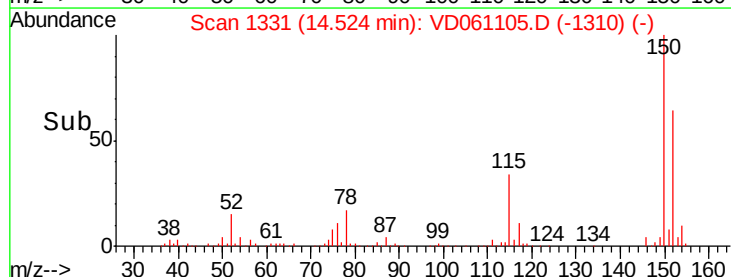
152 100

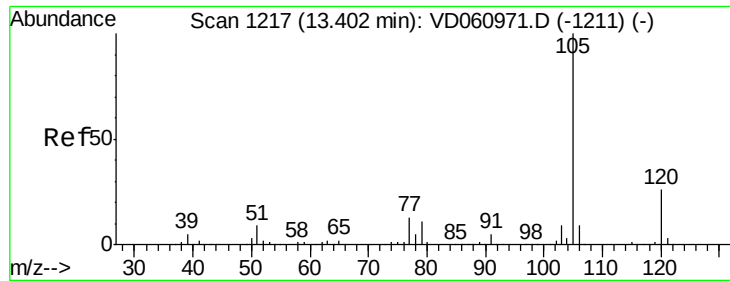
115 54.1 28.6 85.9

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

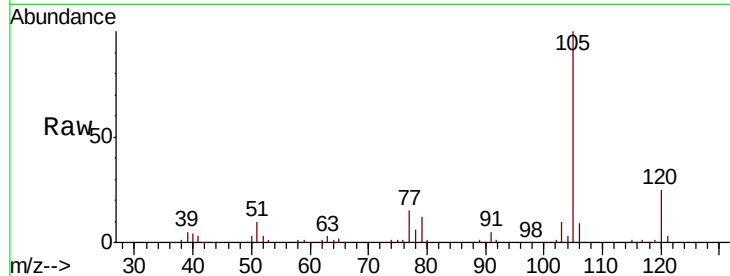
Acq: 16 Mar 2019 13:19

Tgt Ion: 105 Resp: 577917

Ion Ratio Lower Upper

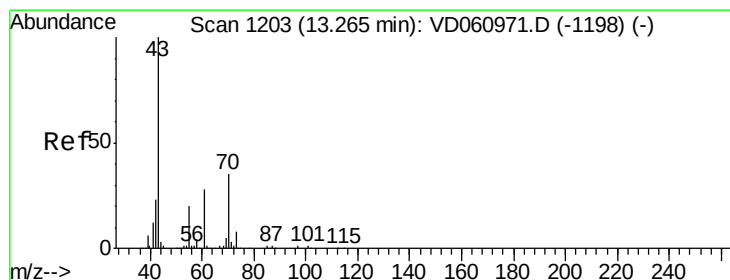
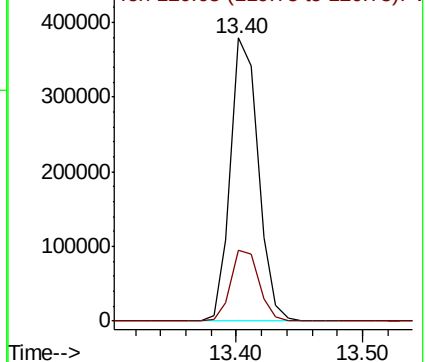
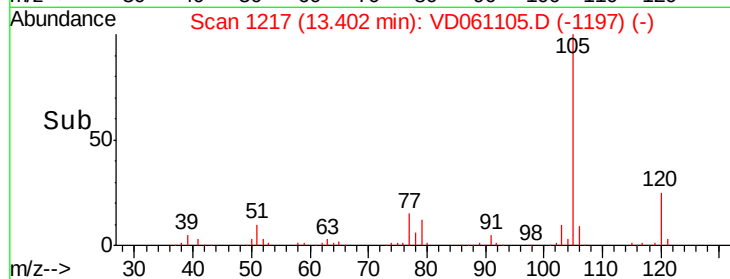
105 100

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

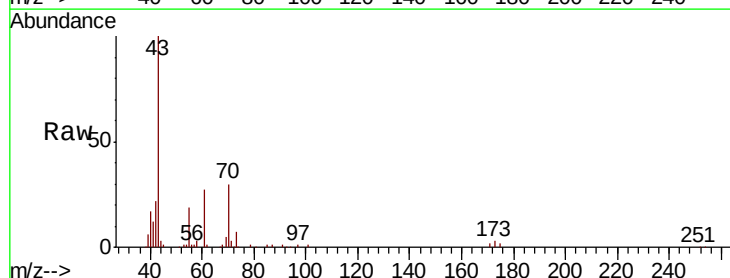
Ion Ratio Lower Upper

43 100

70 29.5 27.7 41.5

55 18.9 16.2 24.2

61 26.6 22.3 33.5

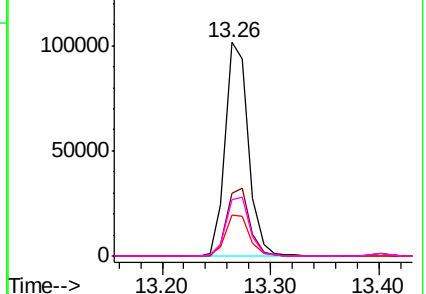
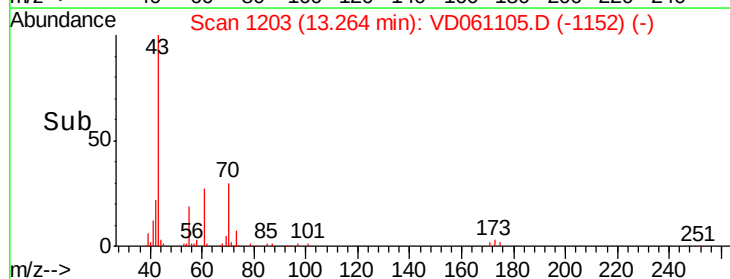


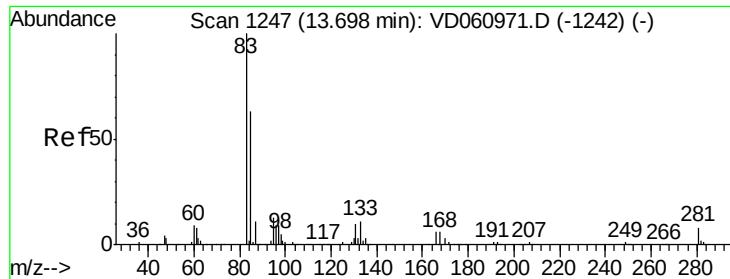
Abundance Ion 42.95 (42.65 to 43.65): V

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

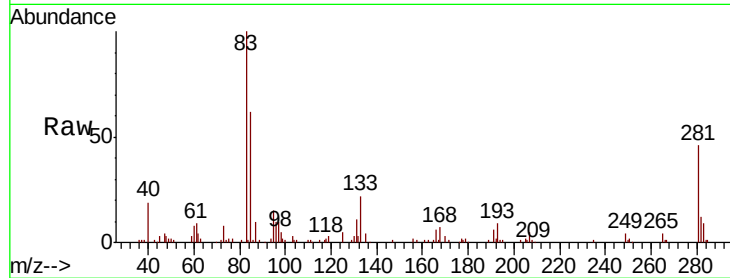
RT: 13.71 min Scan# 1248

Delta R.T. 0.01 min

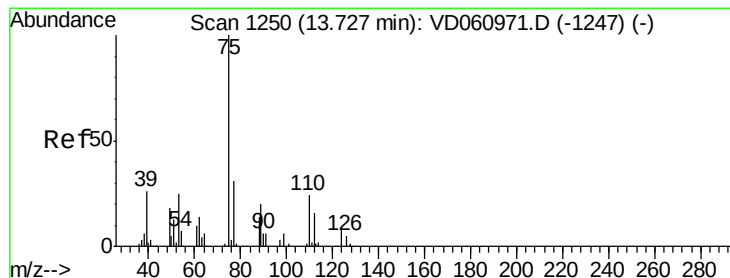
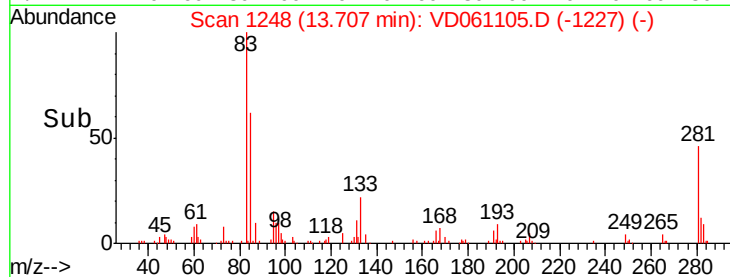
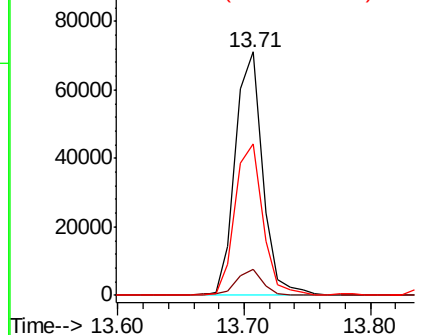
Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

Tgt 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

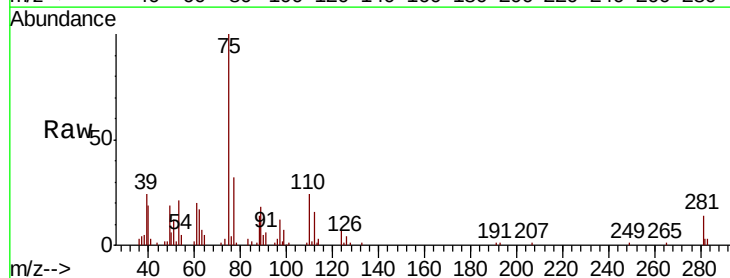
RT: 13.74 min Scan# 1251

Delta R.T. 0.01 min

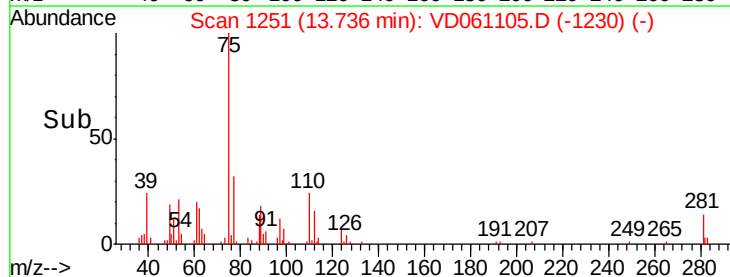
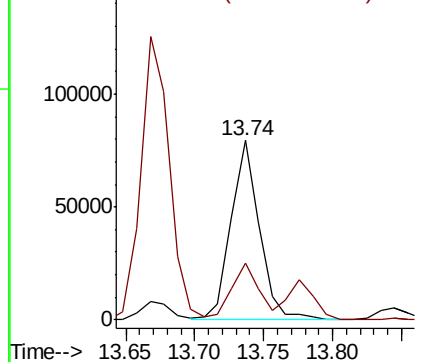
Lab File: VD061105.D

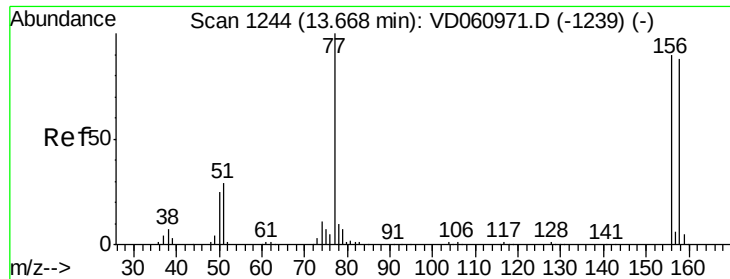
Acq: 16 Mar 2019 13:19

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

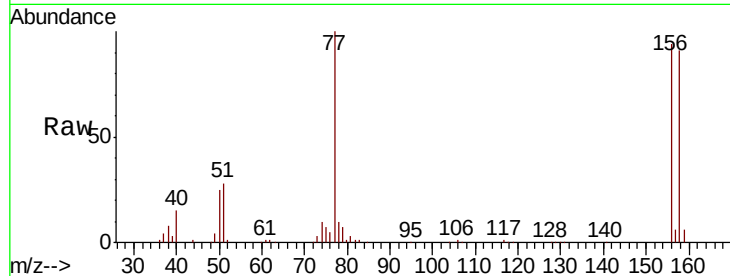
Tgt Ion: 156 Resp: 143659

Ion Ratio Lower Upper

156 100

77 106.6 55.5 166.7

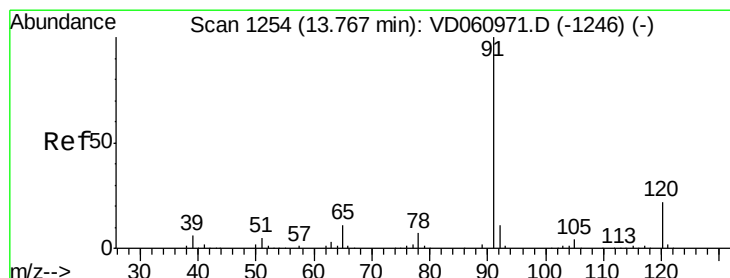
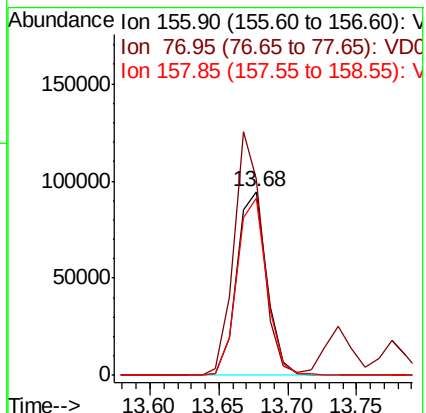
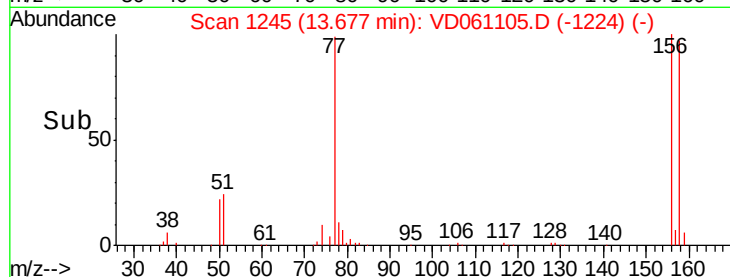
158 96.6 49.0 147.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 19.410 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD061105.D

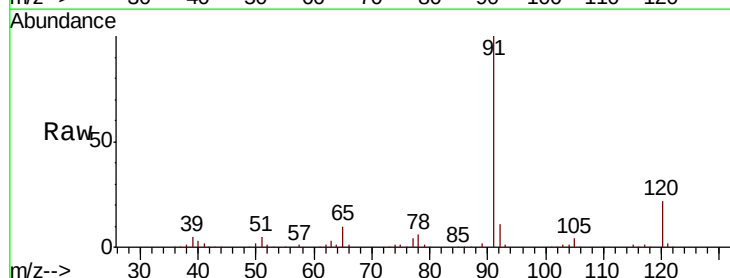
Acq: 16 Mar 2019 13:19

Tgt Ion: 91 Resp: 665312

Ion Ratio Lower Upper

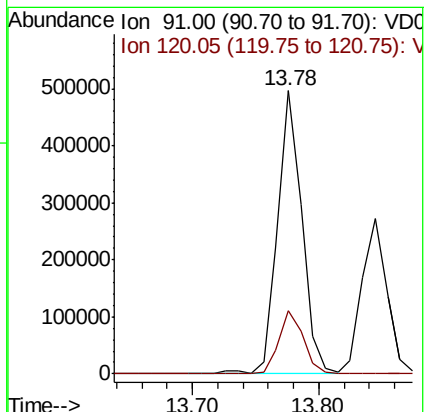
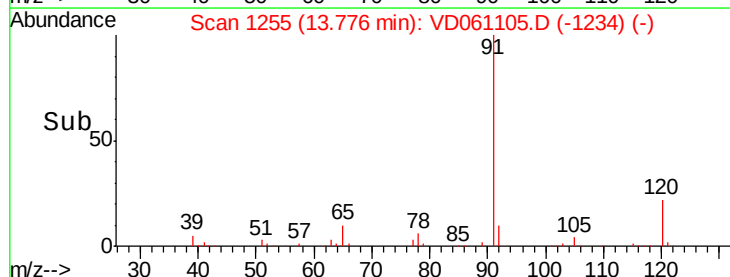
91 100

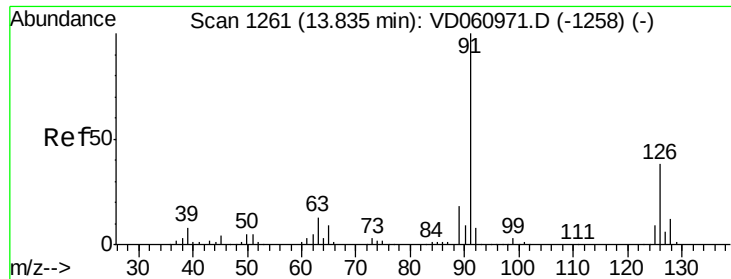
120 22.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

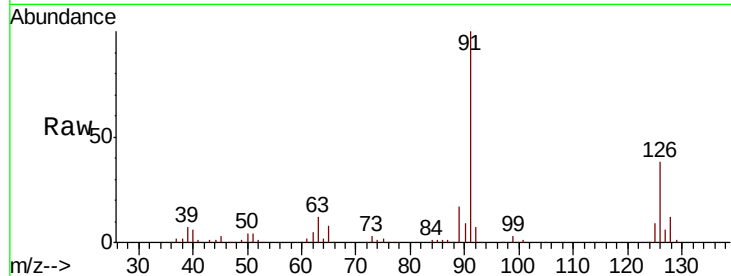
Ion 120.05 (119.75 to 120.75): V



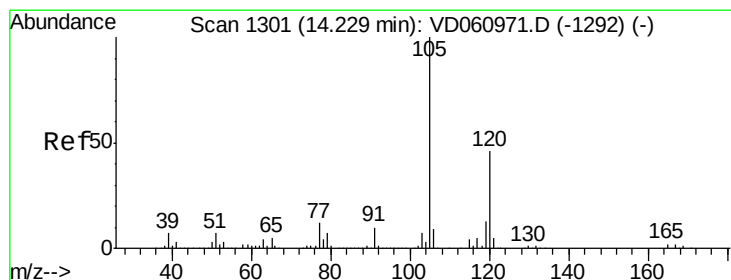
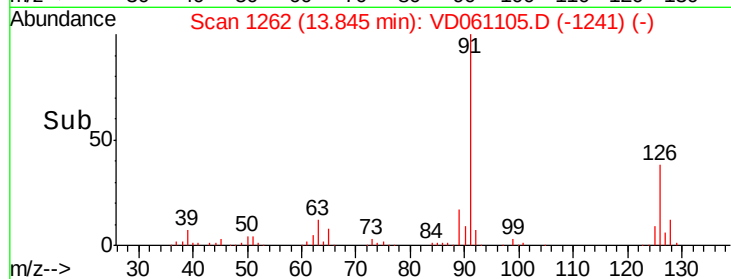
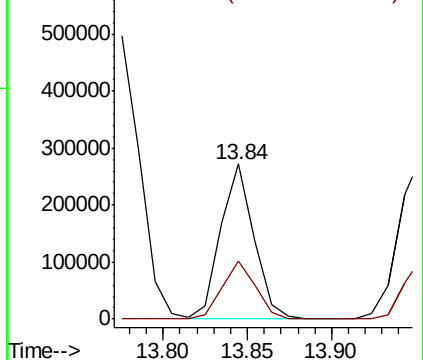


#79
 2-Chlorotoluene
 Concen: 19.568 ug/l
 RT: 13.84 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

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

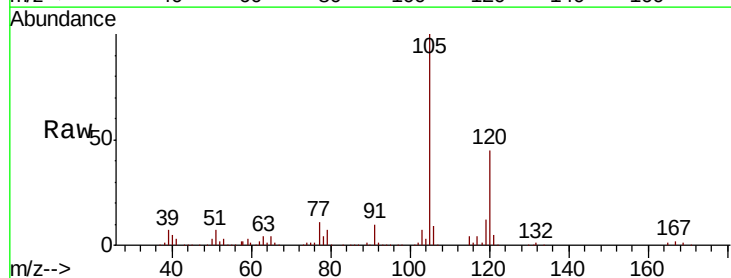


Abundance Ion 91.00 (90.70 to 91.70): VD060971.D (-1258) (-)
 Ion 125.95 (125.65 to 126.65): VD060971.D (-1258) (-)

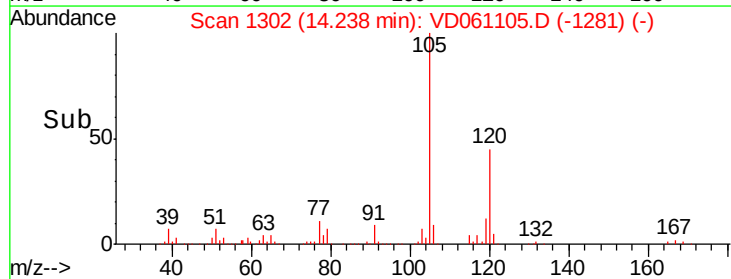
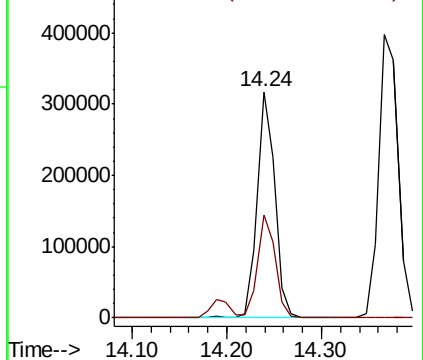


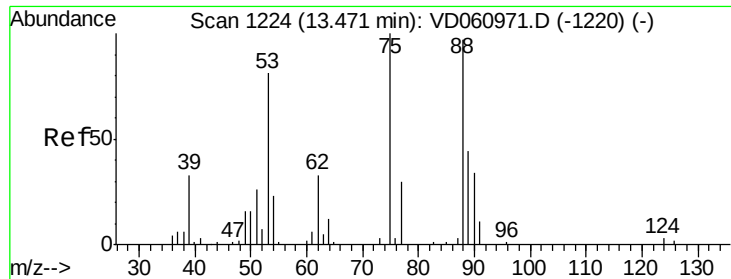
#80
 1,3,5-Trimethylbenzene
 Concen: 18.561 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.637 ug/l

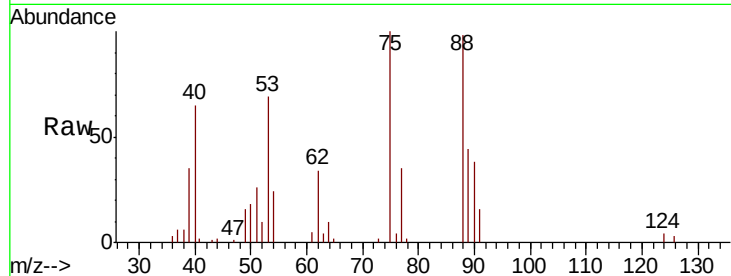
RT: 13.48 min Scan# 1225

Delta R.T. 0.01 min

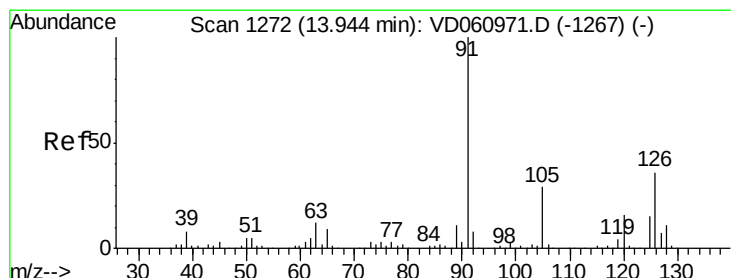
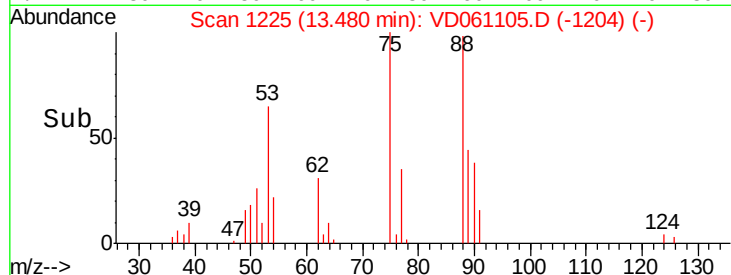
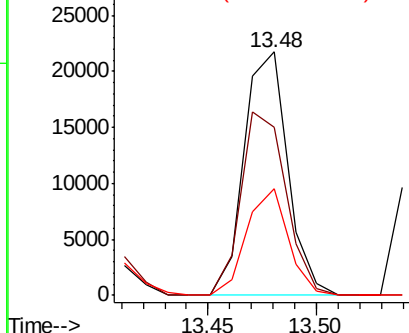
Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

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



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



#82

4-Chlorotoluene

Concen: 18.648 ug/l

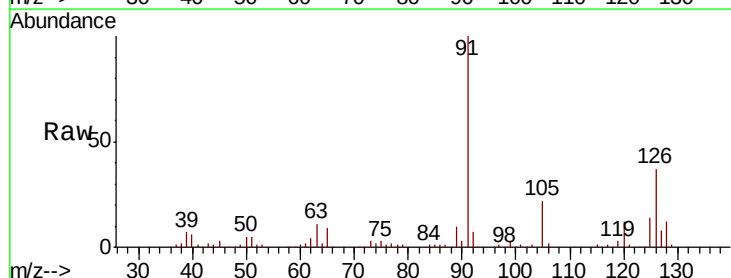
RT: 13.95 min Scan# 1273

Delta R.T. 0.01 min

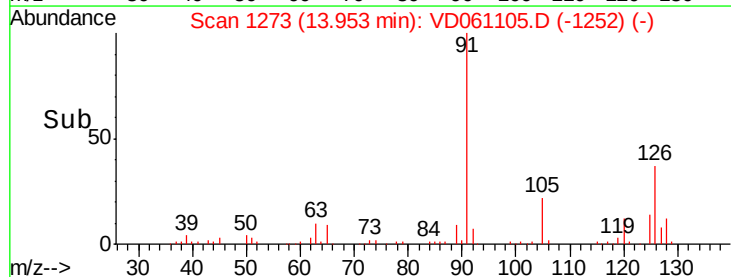
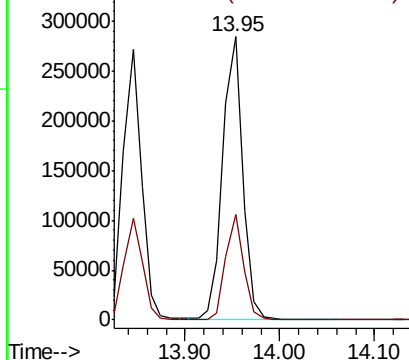
Lab File: VD061105.D

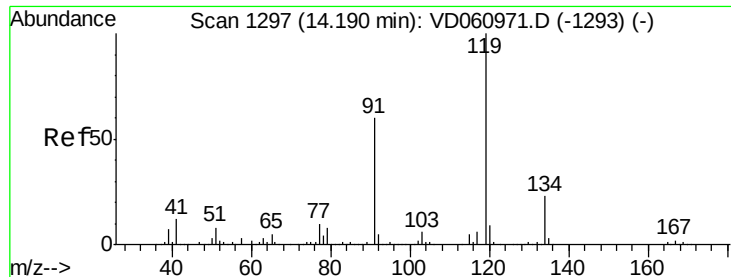
Acq: 16 Mar 2019 13:19

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



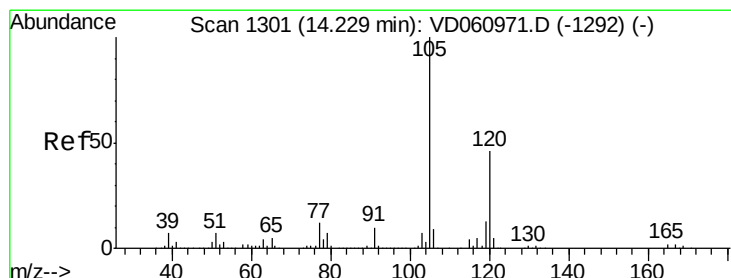
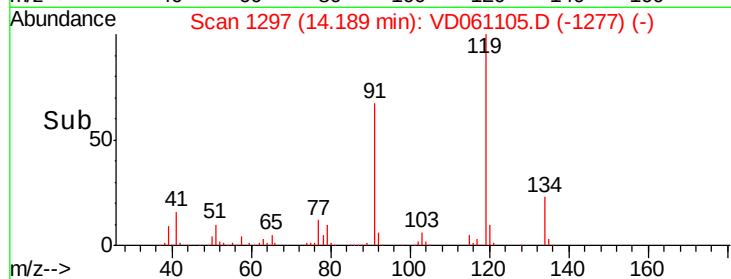
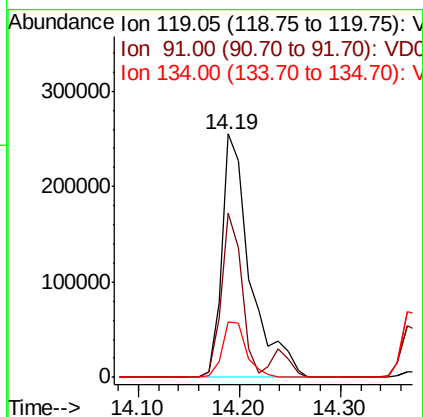
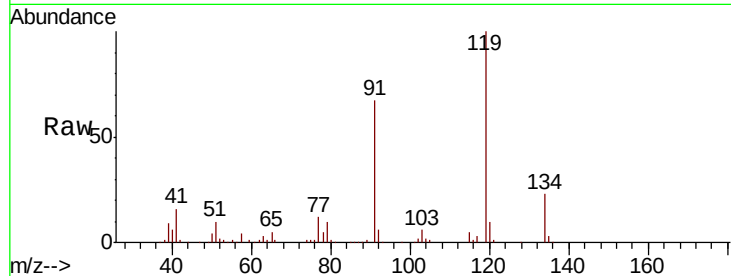
Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V





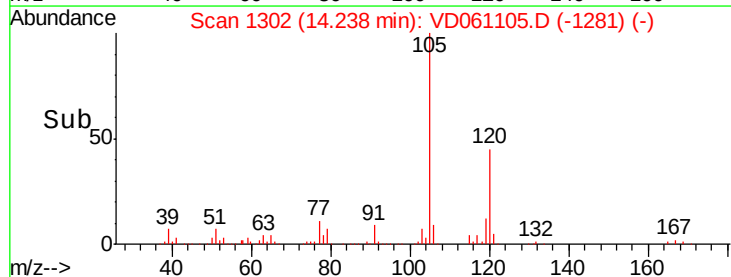
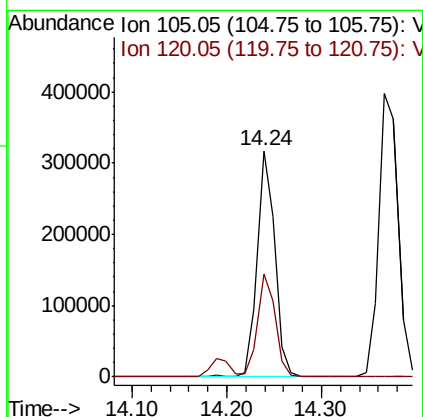
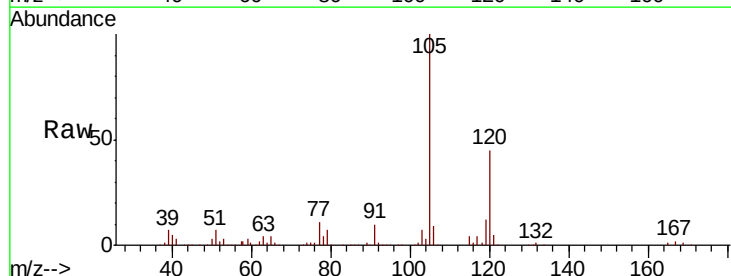
#83
 tert-Butylbenzene
 Concen: 20.494 ug/l
 RT: 14.19 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

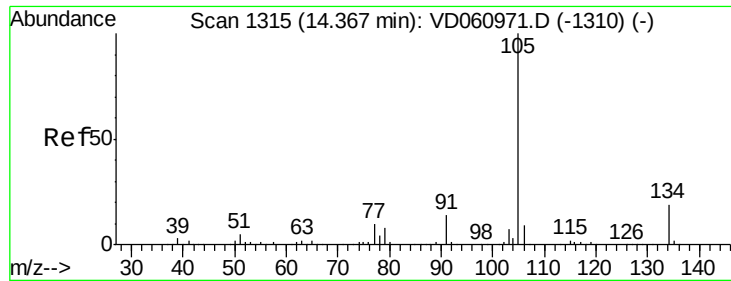
Tgt Ion:119 Resp: 498525
 Ion Ratio Lower Upper
 119 100
 91 67.4 30.1 90.3
 134 22.8 11.6 34.7



#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





#85

sec-Butylbenzene

Concen: 19.066 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD061105.D

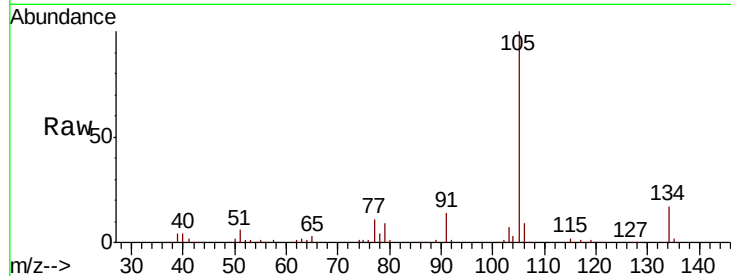
Acq: 16 Mar 2019 13:19

Tgt Ion:105 Resp: 566181

Ion Ratio Lower Upper

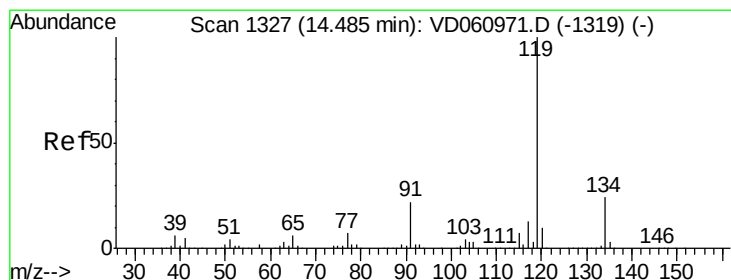
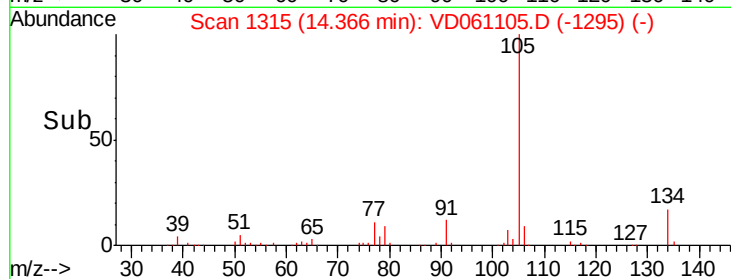
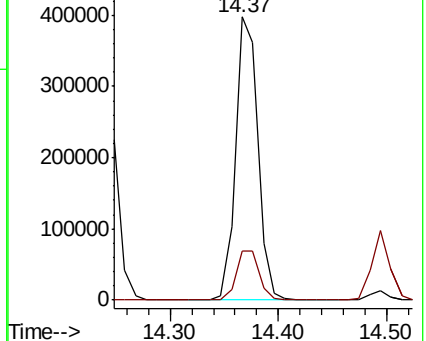
105 100

134 17.2 9.4 28.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#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

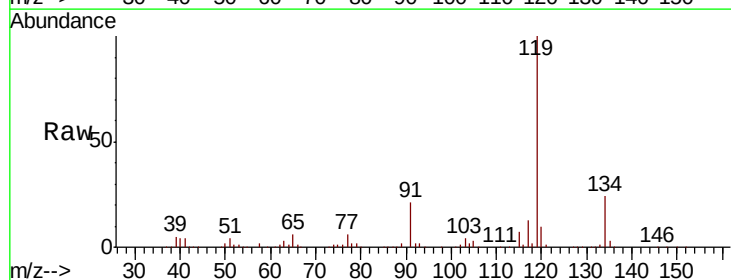
Tgt Ion:119 Resp: 475781

Ion Ratio Lower Upper

119 100

134 23.8 12.0 36.1

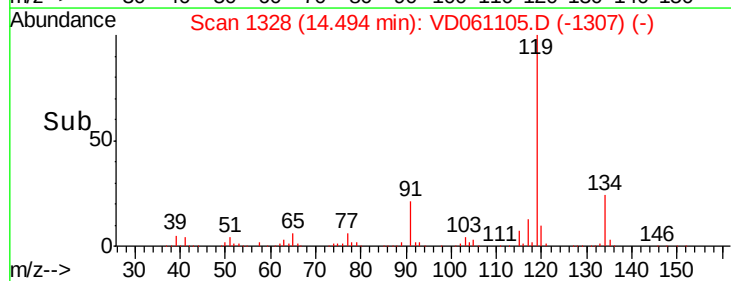
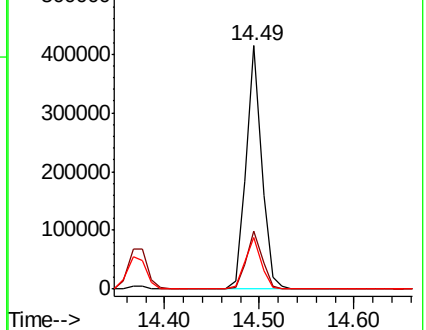
91 21.1 11.2 33.6

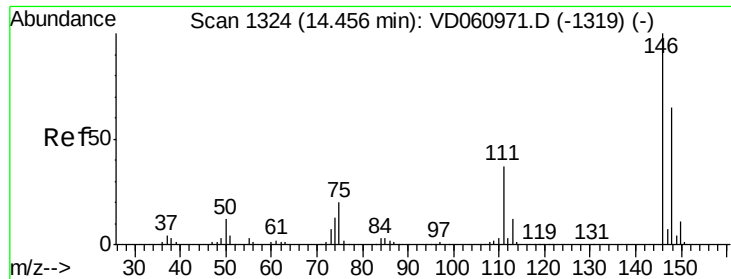


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

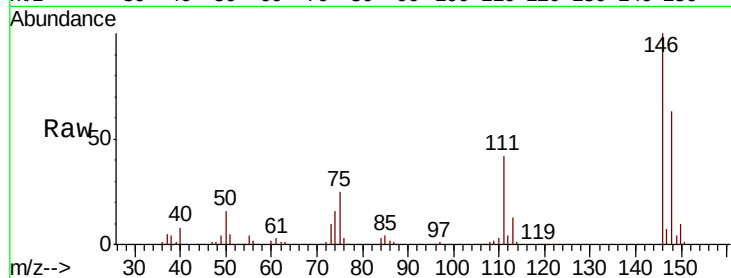
Ion 91.00 (90.70 to 91.70): V



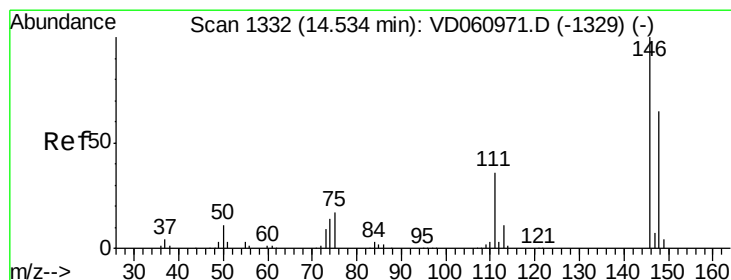
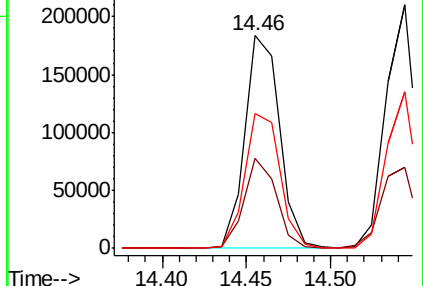
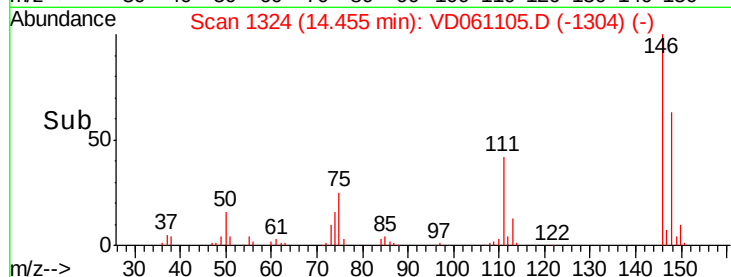


#87
 1,3-Dichlorobenzene
 Concen: 19.671 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

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

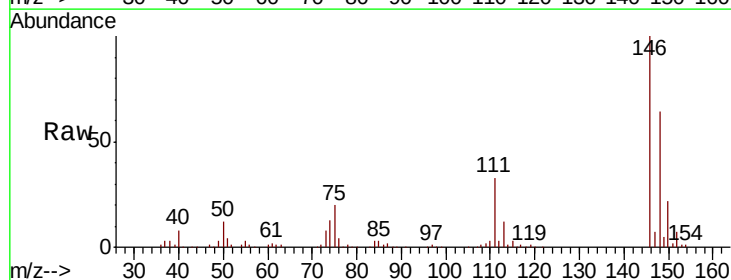


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

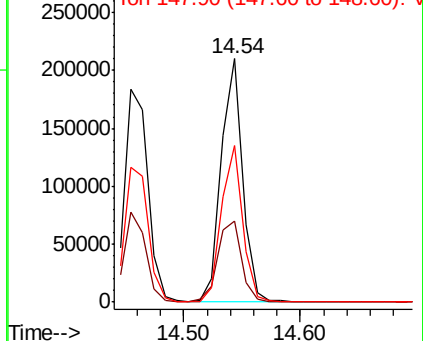
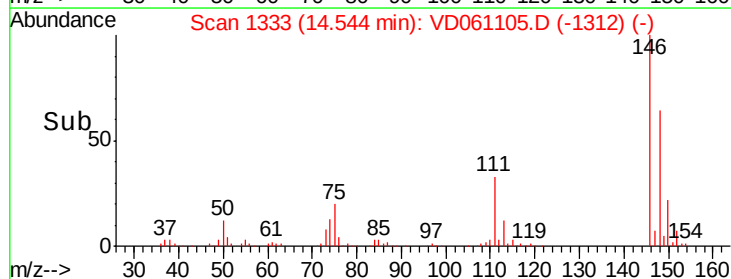


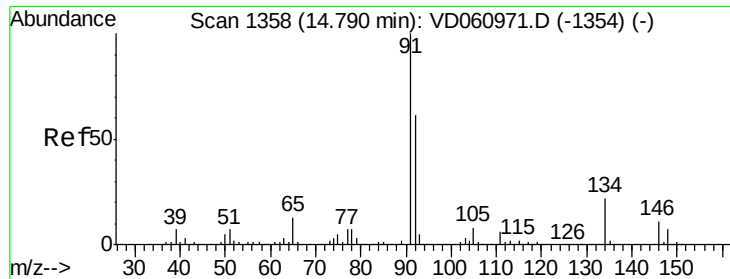
#88
 1,4-Dichlorobenzene
 Concen: 20.425 ug/l
 RT: 14.54 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

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



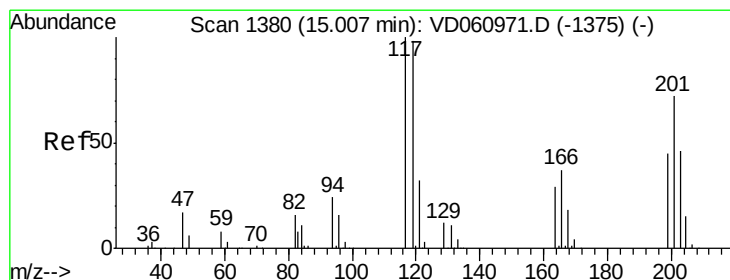
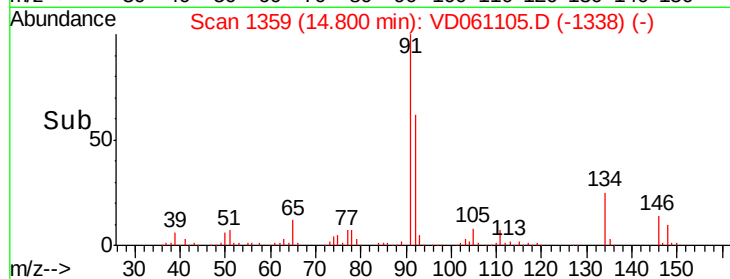
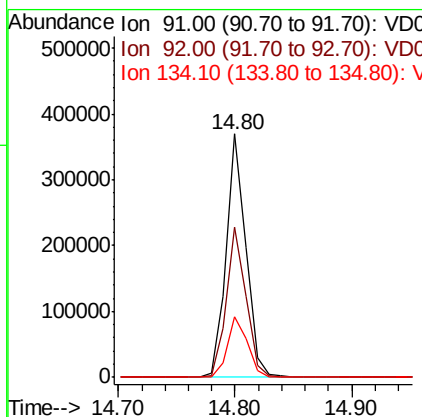
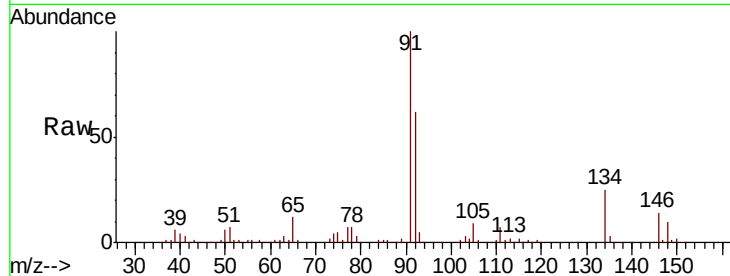
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





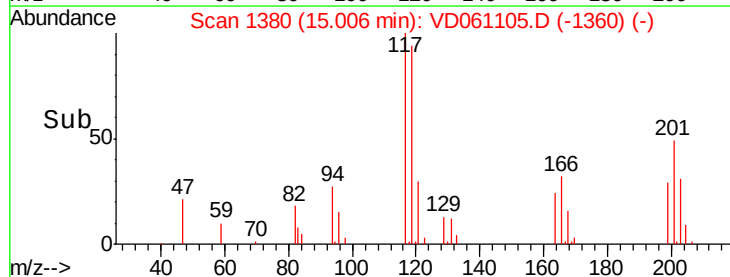
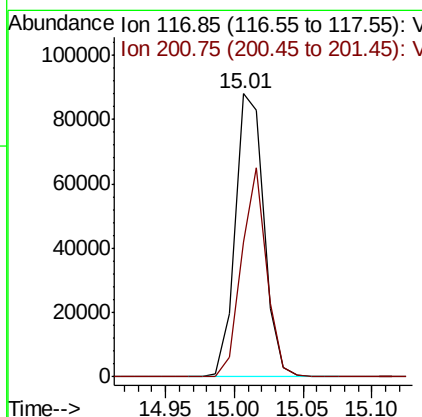
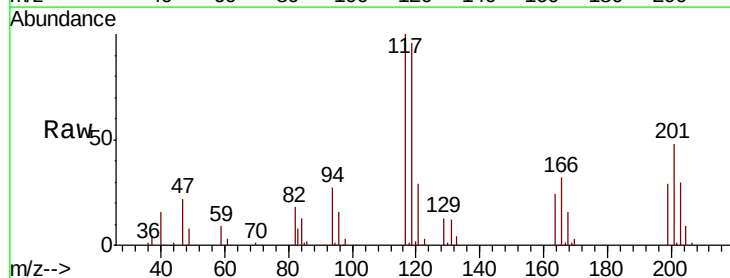
#89
n-Butylbenzene
Concen: 18.683 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD061105.D
Acq: 16 Mar 2019 13:19

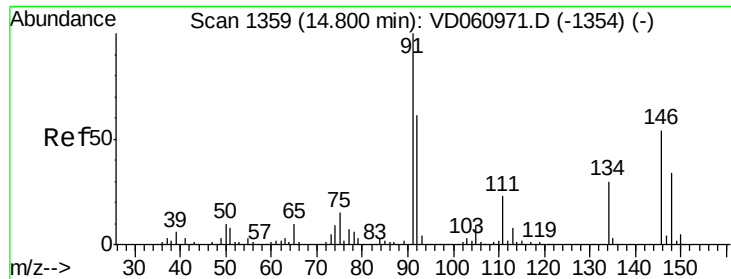
Tgt Ion: 91 Resp: 435511
Ion Ratio Lower Upper
91 100
92 61.8 30.6 91.8
134 24.8 11.0 33.0



#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

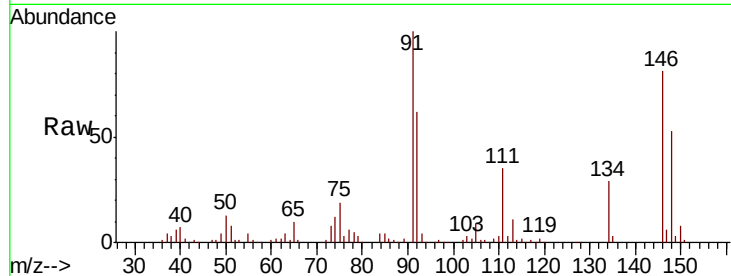
Tgt Ion: 146 Resp: 217629

Ion Ratio Lower Upper

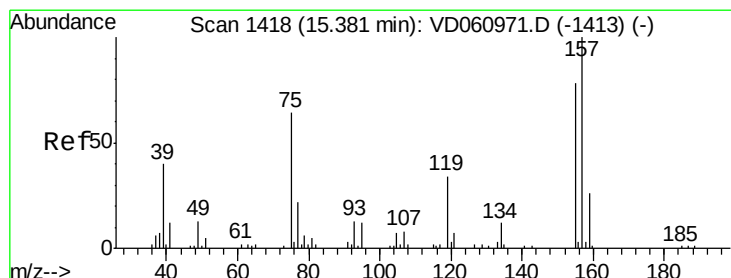
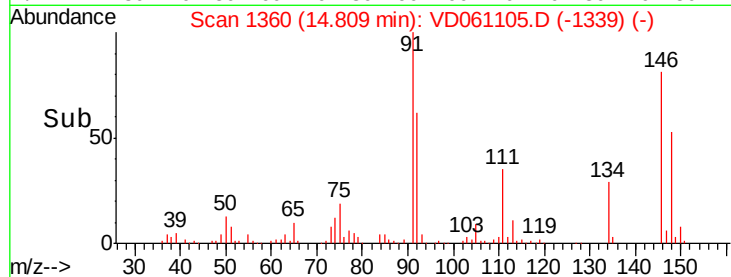
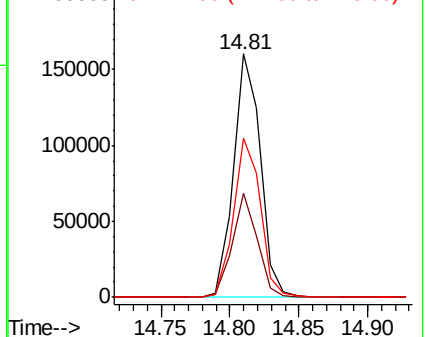
146 100

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

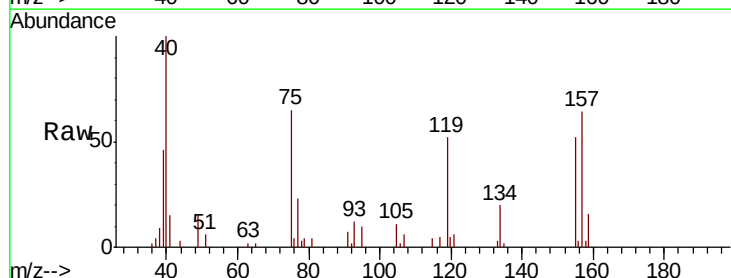
Tgt Ion: 75 Resp: 13412

Ion Ratio Lower Upper

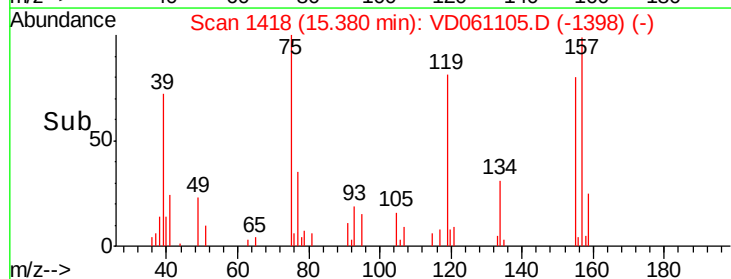
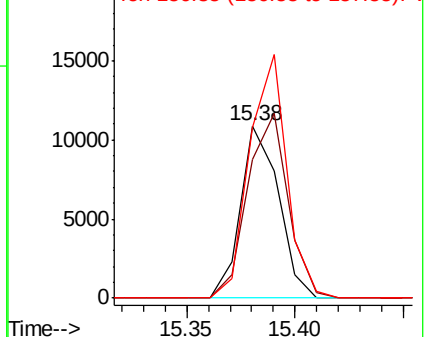
75 100

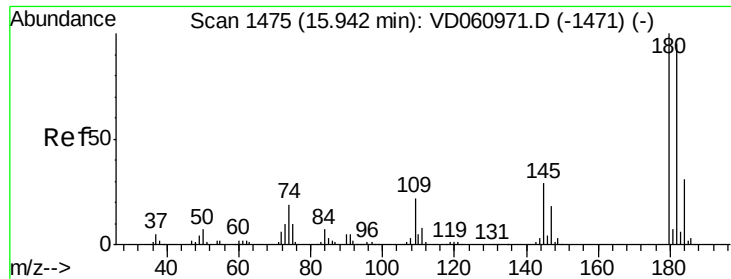
155 80.4 61.2 183.5

157 98.9 78.3 234.8



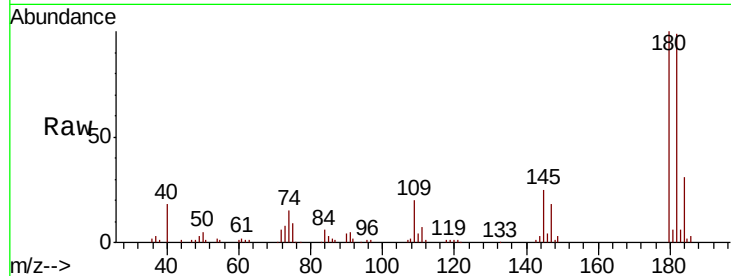
Abundance Ion 75.00 (74.70 to 75.70): V
Ion 154.90 (154.60 to 155.60): V
Ion 156.85 (156.55 to 157.55): V



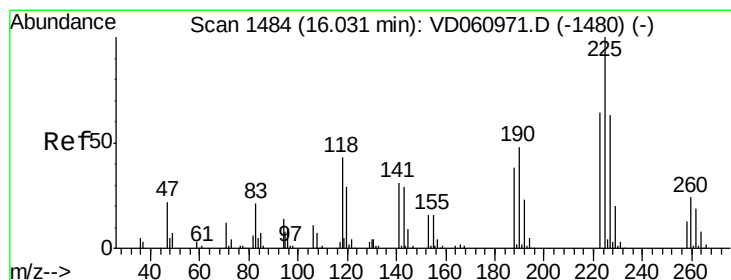
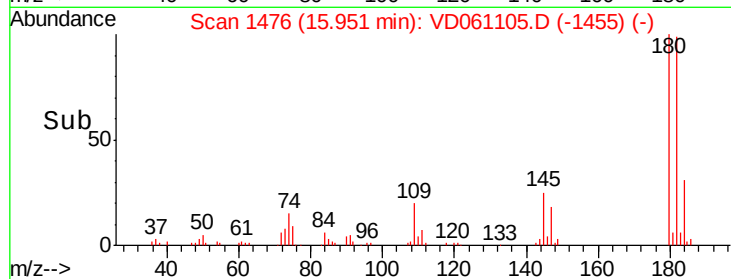
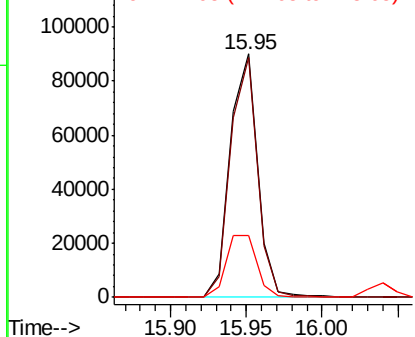


#93
 1,2,4-Trichlorobenzene
 Concen: 21.928 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

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

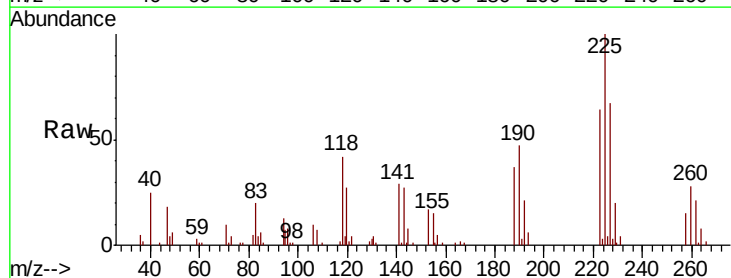


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

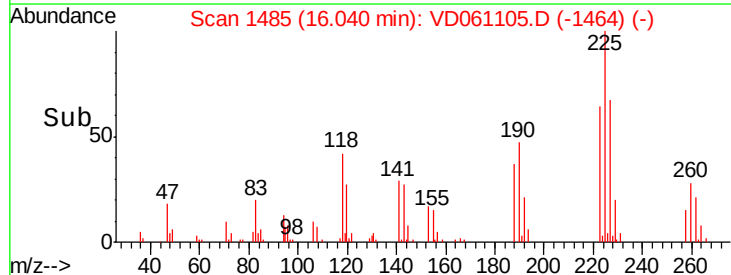
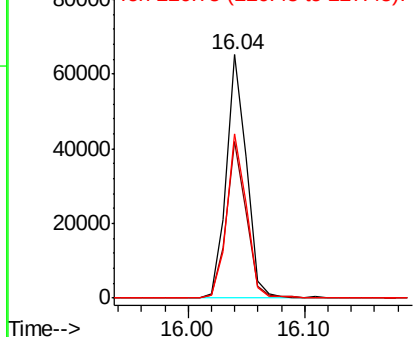


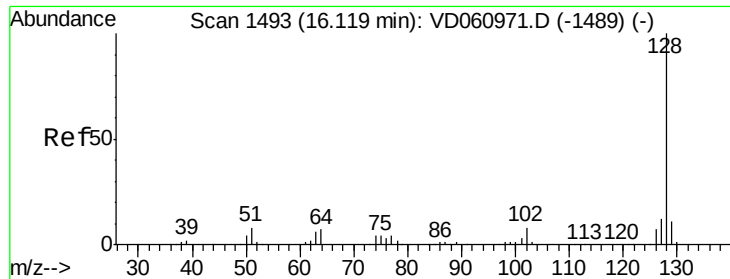
#94
 Hexachlorobutadiene
 Concen: 20.057 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: VD061105.D
 Acq: 16 Mar 2019 13:19

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

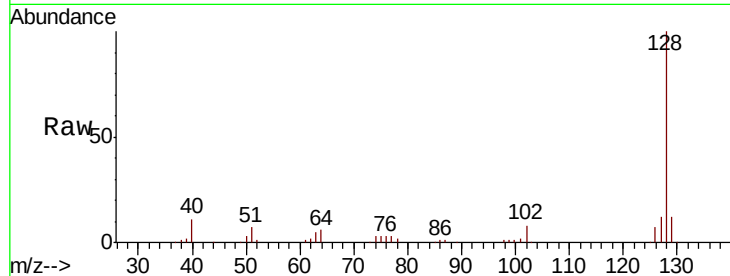
RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

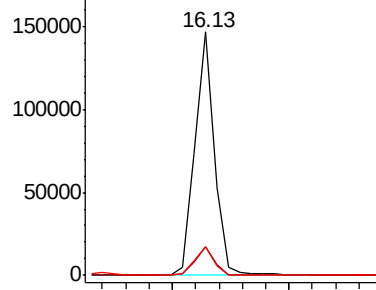
Lab File: VD061105.D

Acq: 16 Mar 2019 13:19

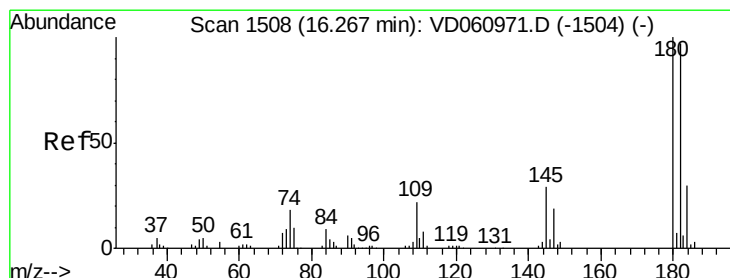
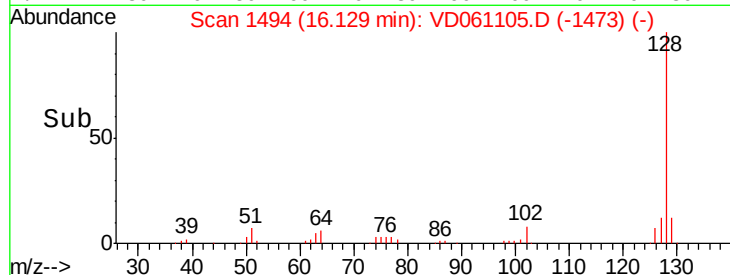
Tgt Ion:	128	Resp:	170387
Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.8	14.8
129	11.6	8.5	12.7



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



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.244 ug/l

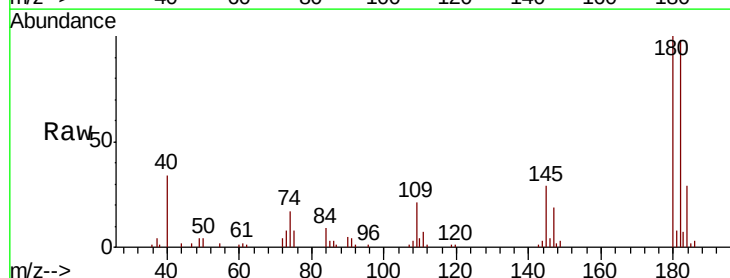
RT: 16.28 min Scan# 1509

Delta R.T. 0.01 min

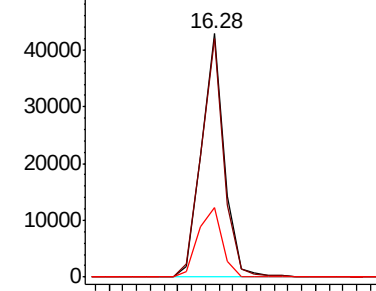
Lab File: VD061105.D

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



Time-->

