

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100418\
 Data File : VD060127.D
 Acq On : 4 Oct 2018 12:35
 Operator : VA/AP
 Sample : VD1004SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 15:33:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1597144	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2167356	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.29	117	1797359	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	941980	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	650904	53.76	ug/l	0.02
Spiked Amount			Recovery	=	107.52%	
35) Dibromofluoromethane	6.32	113	886193	53.84	ug/l	0.02
Spiked Amount			Recovery	=	107.68%	
50) Toluene-d8	9.45	98	2436454	51.91	ug/l	0.02
Spiked Amount			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.43	95	941991	53.61	ug/l	0.00
Spiked Amount			Recovery	=	107.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	294315	19.590	ug/l	98
3) Chloromethane	1.75	50	306016	22.589	ug/l	96
4) Vinyl Chloride	1.85	62	239175	21.573	ug/l	99
5) Bromomethane	2.13	94	22257	15.988	ug/l	97
6) Chloroethane	2.24	64	55419	18.318	ug/l	97
7) Trichlorofluoromethane	2.50	101	276275	20.812	ug/l	99
8) Diethyl Ether	2.81	74	59045	21.630	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.08	101	184432	22.301	ug/l	95
10) Methyl Iodide	3.24	142	167501	19.099	ug/l	99
11) Tert butyl alcohol	3.96	59	78053	89.895	ug/l	98
12) 1,1-Dichloroethene	3.06	96	144739	22.216	ug/l	96
13) Acrolein	2.98	56	51007	95.297	ug/l	96
14) Allyl chloride	3.52	41	296645	21.923	ug/l	98
15) Acrylonitrile	4.08	53	372254	103.580	ug/l	99
16) Acetone	3.15	43	256875	116.932	ug/l	97
17) Carbon Disulfide	3.30	76	489837	22.358	ug/l	97
18) Methyl Acetate	3.55	43	101920	21.586	ug/l	96
19) Methyl tert-butyl Ether	4.11	73	600949	20.979	ug/l	98
20) Methylene Chloride	3.71	84	386999	19.782	ug/l	99
21) trans-1,2-Dichloroethene	4.09	96	348397	20.705	ug/l	98
22) Diisopropyl ether	4.85	45	1291899	21.378	ug/l	96
23) Vinyl Acetate	4.80	43	3649348	107.434	ug/l	100
24) 1,1-Dichloroethane	4.75	63	560693	20.463	ug/l	100
25) 2-Butanone	5.62	43	592448	107.951	ug/l	96
26) 2,2-Dichloropropane	5.58	77	452360	21.778	ug/l	97
27) cis-1,2-Dichloroethene	5.59	96	368045	20.644	ug/l	96
28) Bromochloromethane	5.92	49	273794	20.563	ug/l	92
29) Tetrahydrofuran	5.95	42	315303	98.910	ug/l	99
30) Chloroform	6.10	83	593808	21.425	ug/l	97
31) Cyclohexane	6.36	56	541446	20.643	ug/l	98
32) 1,1,1-Trichloroethane	6.29	97	476919	21.003	ug/l	99
36) 1,1-Dichloropropene	6.52	75	438945	21.194	ug/l	99
37) Ethyl Acetate	5.70	43	294176	21.399	ug/l	99
38) Carbon Tetrachloride	6.49	117	401990	21.385	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	517289	21.982	ug/l	98
40) Benzene	6.79	78	1159057	21.391	ug/l	98
41) Methacrylonitrile	5.95	41	319132	41.071	ug/l #	91
42) 1,2-Dichloroethane	6.89	62	323169	20.804	ug/l	97
43) Isopropyl Acetate	8.35	43	362980	20.070	ug/l #	99
44) Trichloroethene	7.74	130	344735	20.553	ug/l	97
45) 1,2-Dichloropropane	8.11	63	306506	21.604	ug/l	98
46) Dibromomethane	8.21	93	190045	20.690	ug/l	95
47) Bromodichloromethane	8.49	83	423157	21.621	ug/l	98
48) Methyl methacrylate	8.24	41	216591	21.024	ug/l	97
49) 1,4-Dioxane	8.23	88	37504	369.995	ug/l #	75
51) 4-Methyl-2-Pentanone	9.35	43	1179259	103.377	ug/l	98
52) Toluene	9.55	92	731243	20.955	ug/l	98
53) t-1,3-Dichloropropene	9.92	75	379091	21.407	ug/l	98
54) cis-1,3-Dichloropropene	9.10	75	469863	21.486	ug/l	98
55) 1,1,2-Trichloroethane	10.18	97	237875	20.852	ug/l	97
56) Ethyl methacrylate	10.04	69	258282	20.510	ug/l	97
57) 1,3-Dichloropropane	10.38	76	361189	20.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.92	63	757047	108.260	ug/l	97
59) 2-Hexanone	10.49	43	914584	111.497	ug/l	98
60) Dibromochloromethane	10.65	129	292160	20.873	ug/l	97
61) 1,2-Dibromoethane	10.76	107	250945	20.703	ug/l	96
64) Tetrachloroethene	10.25	164	319073	20.269	ug/l	99
65) Chlorobenzene	11.31	112	801525	20.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.42	131	272986	21.045	ug/l	99
67) Ethyl Benzene	11.43	91	1391780	22.092	ug/l	100
68) m/p-Xylenes	11.57	106	1002522	42.591	ug/l	98
69) o-Xylene	11.93	106	488923	20.999	ug/l	91
70) Styrene	11.95	104	816306	20.965	ug/l	97
71) Bromoform	12.12	173	207406	19.746	ug/l #	98
73) Isopropylbenzene	12.28	105	1337361	21.520	ug/l	100
74) N-amyl acetate	12.13	43	460563	20.233	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.56	83	279773	20.622	ug/l	99
76) 1,2,3-Trichloropropane	12.59	75	273580	20.167	ug/l	99
77) Bromobenzene	12.54	156	376307	20.838	ug/l	88
78) n-propylbenzene	12.64	91	1709764	22.157	ug/l	97
79) 2-Chlorotoluene	12.70	91	929458	21.703	ug/l	95
80) 1,3,5-Trimethylbenzene	12.79	105	1042359	21.672	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.35	75	75849	19.899	ug/l	94
82) 4-Chlorotoluene	12.81	91	1083295	22.364	ug/l	97
83) tert-Butylbenzene	13.05	119	1180574	21.390	ug/l	97
84) 1,2,4-Trimethylbenzene	13.10	105	1085778	21.420	ug/l	98
85) sec-Butylbenzene	13.22	105	1367828	20.960	ug/l	100
86) p-Isopropyltoluene	13.34	119	1177167	21.993	ug/l	99
87) 1,3-Dichlorobenzene	13.31	146	660655	20.998	ug/l	99
88) 1,4-Dichlorobenzene	13.39	146	656053	20.759	ug/l	98
89) n-Butylbenzene	13.65	91	1182210	22.636	ug/l	99
90) Hexachloroethane	13.86	117	265545	21.436	ug/l	69
91) 1,2-Dichlorobenzene	13.67	146	581295	21.973	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.23	75	34180	18.869	ug/l	86

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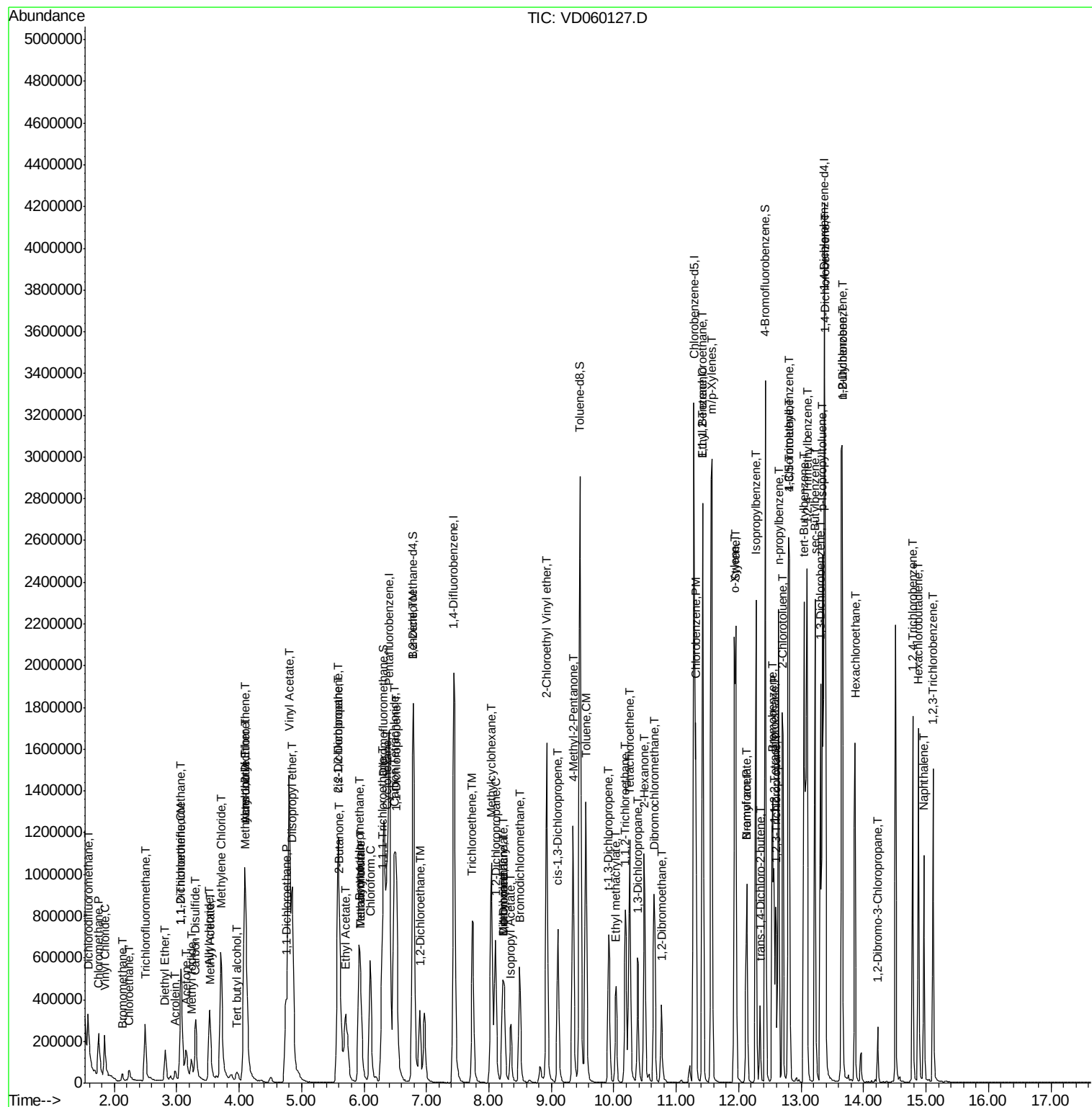
Quant Time: Oct 04 15:33:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
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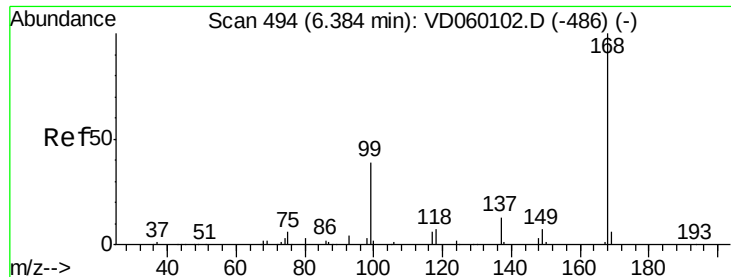
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	456161	20.315	ug/l	100
94) Hexachlorobutadiene	14.88	225	302102	20.240	ug/l	98
95) Naphthalene	14.97	128	644436	19.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	388915	19.910	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060127.D

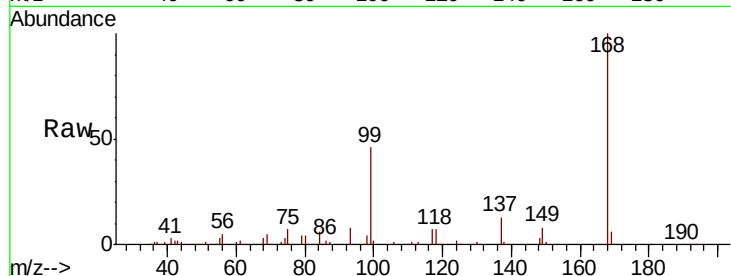
Acq: 4 Oct 2018 12:35

Tot Ion:168 Resp: 1597144

Ion Ratio Lower Upper

168 100

99 45.6 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

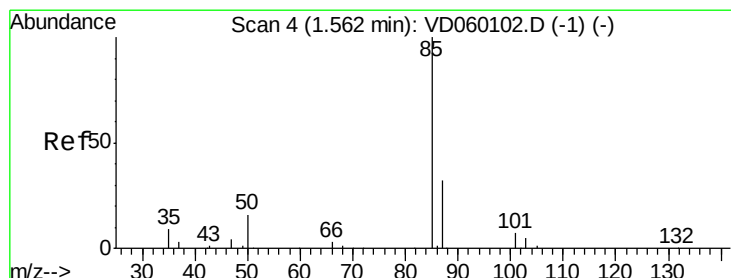
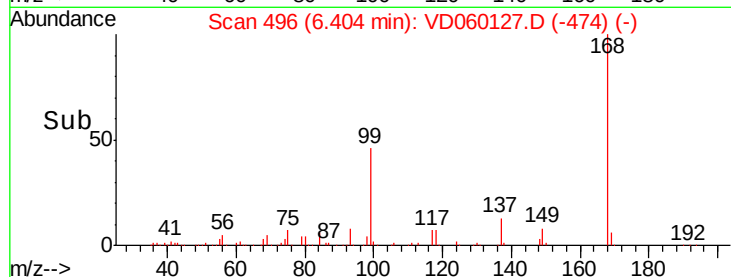
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.590 ug/l

RT: 1.58 min Scan# 6

Delta R.T. 0.02 min

Lab File: VD060127.D

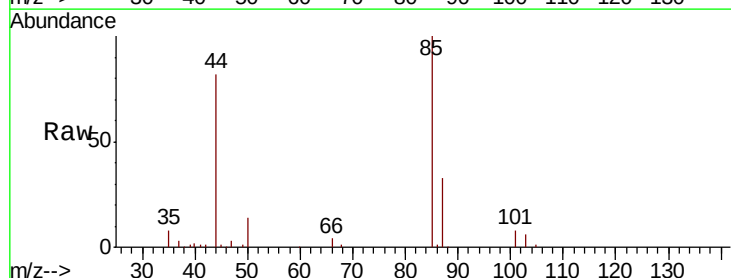
Acq: 4 Oct 2018 12:35

Tgt Ion: 85 Resp: 294315

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

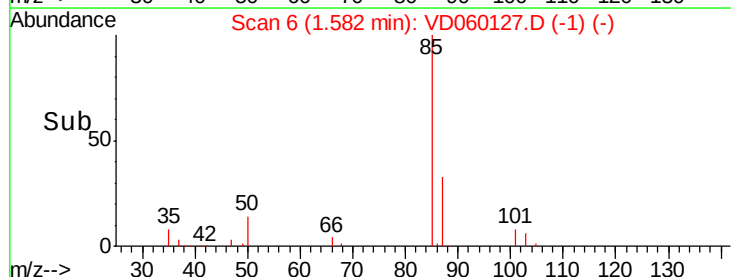
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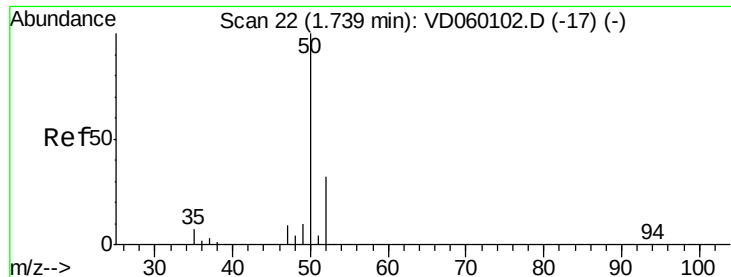
100000

50000

0

Time-->





#3

Chloromethane

Concen: 22.589 ug/l

RT: 1.75 min Scan# 23

Delta R.T. 0.01 min

Lab File: VD060127.D

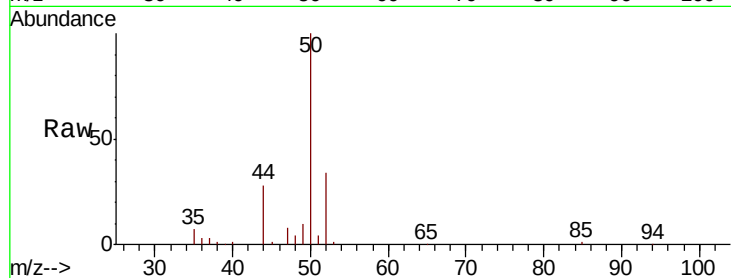
Acq: 4 Oct 2018 12:35

Tot Ion: 50 Resp: 306016

Ion Ratio Lower Upper

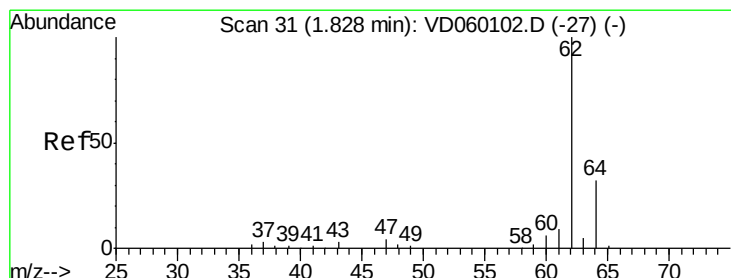
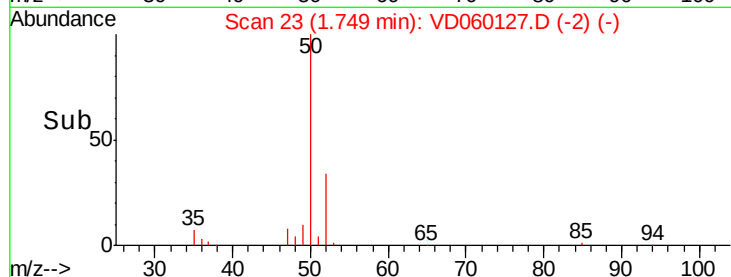
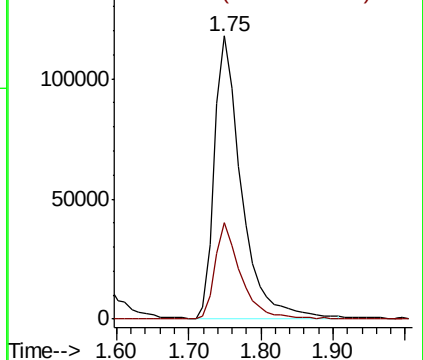
50 100

52 34.0 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.573 ug/l

RT: 1.85 min Scan# 33

Delta R.T. 0.02 min

Lab File: VD060127.D

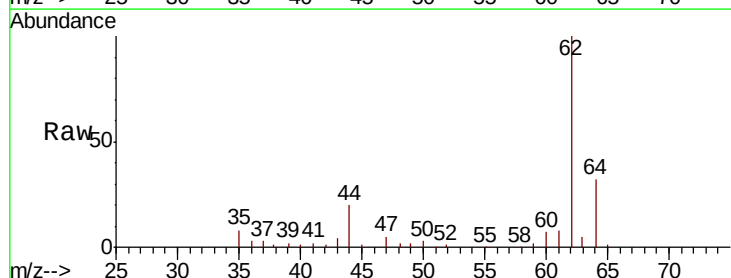
Acq: 4 Oct 2018 12:35

Tgt Ion: 62 Resp: 239175

Ion Ratio Lower Upper

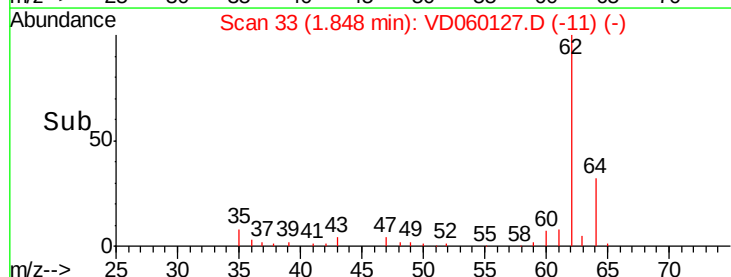
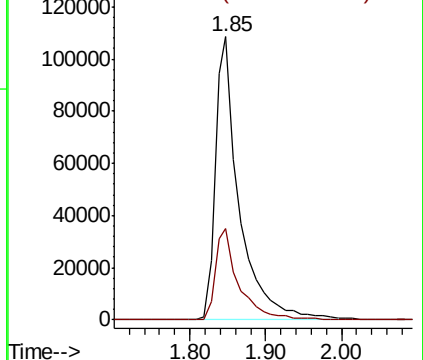
62 100

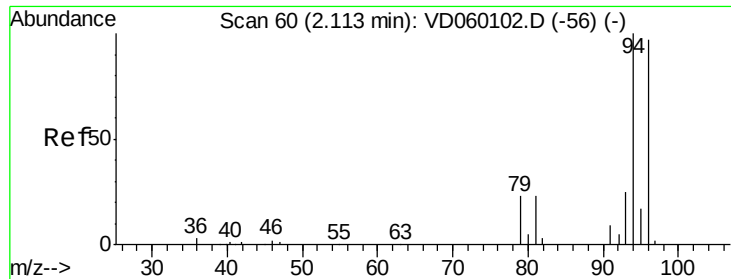
64 32.2 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

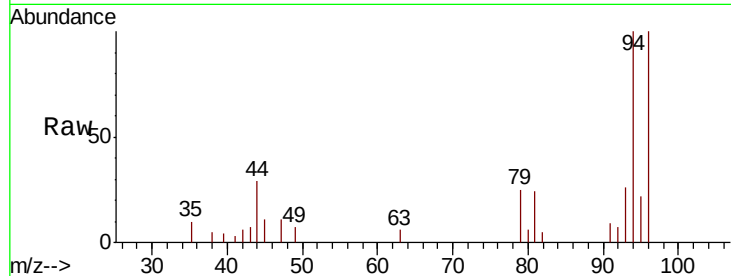
Ion 63.95 (63.65 to 64.65): VDC



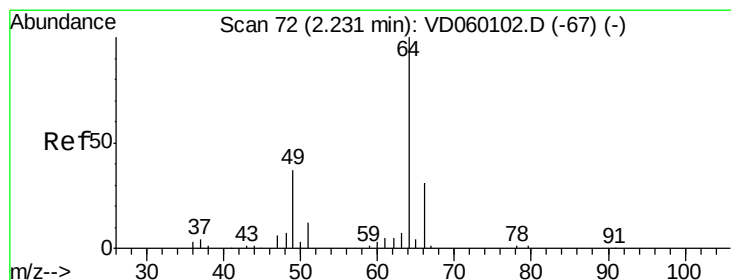
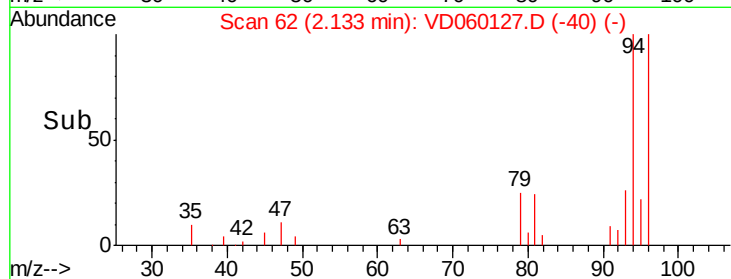
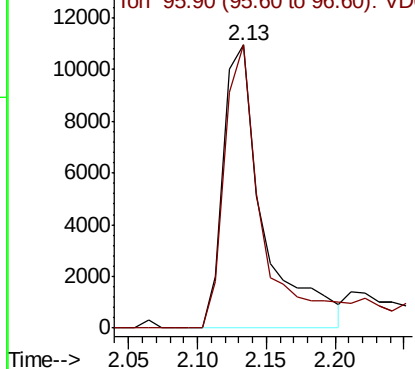


#5
Bromomethane
Concen: 15.988 ug/l
RT: 2.13 min Scan# 62
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tot Ion: 94 Resp: 22257
Ion Ratio Lower Upper
94 100
96 100.0 77.4 116.2

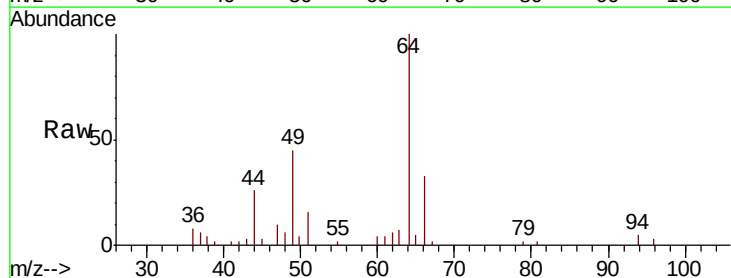


Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC

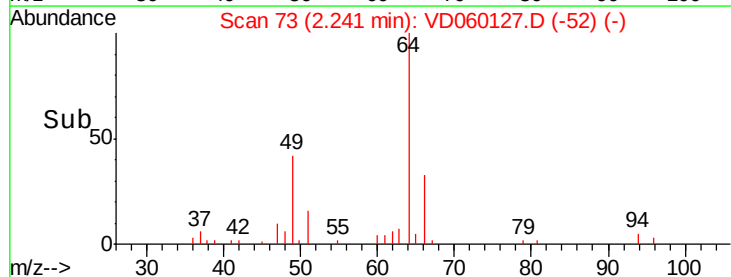
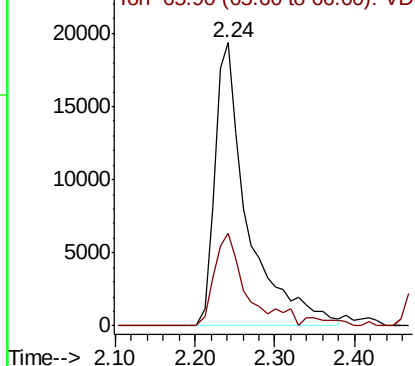


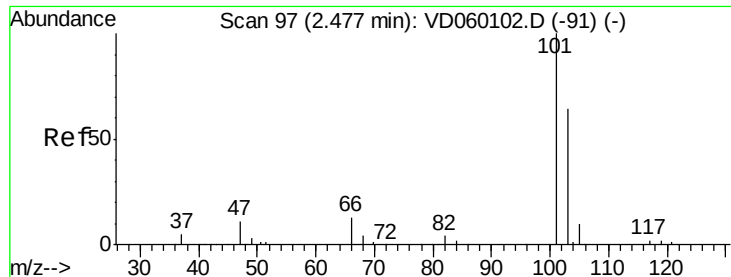
#6
Chloroethane
Concen: 18.318 ug/l
RT: 2.24 min Scan# 73
Delta R.T. 0.01 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion: 64 Resp: 55419
Ion Ratio Lower Upper
64 100
66 32.6 24.6 37.0



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

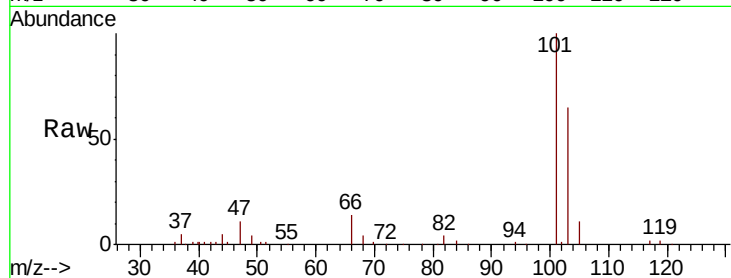




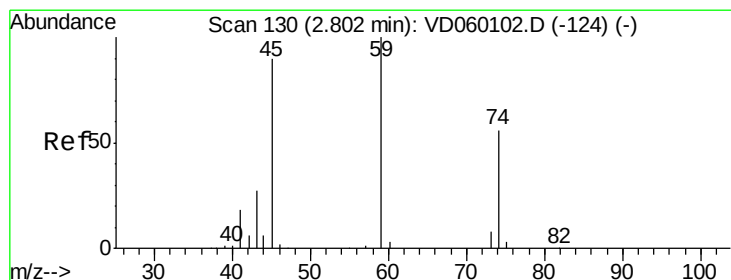
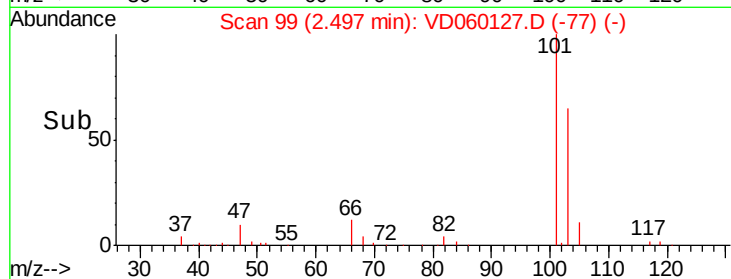
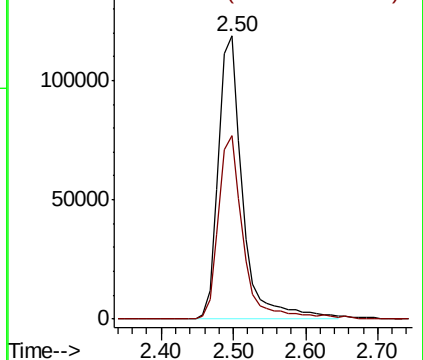
#7

Trichlorofluoromethane
Concen: 20.812 ug/l
RT: 2.50 min Scan# 99
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tot Ion:101 Resp: 276275
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3



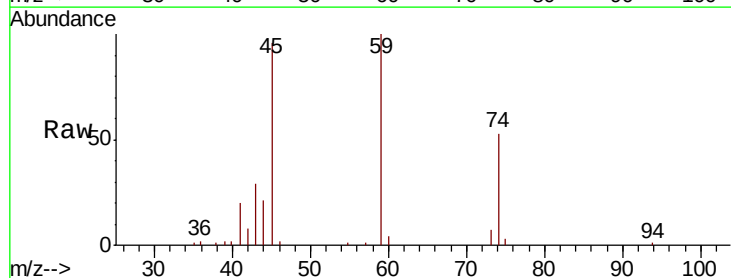
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



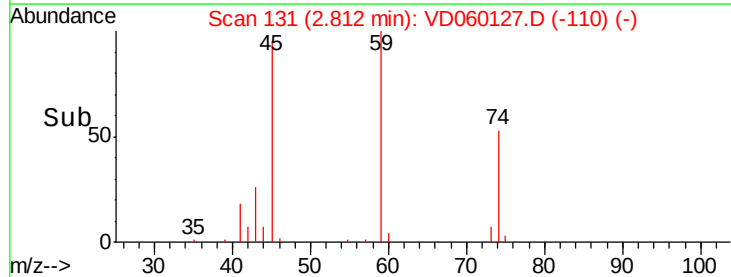
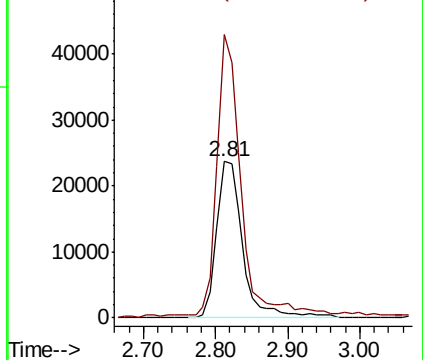
#8

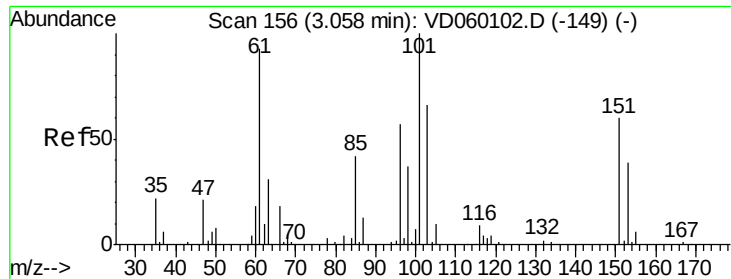
Diethyl Ether
Concen: 21.630 ug/l
RT: 2.81 min Scan# 131
Delta R.T. 0.01 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion: 74 Resp: 59045
Ion Ratio Lower Upper
74 100
45 181.2 80.3 241.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.301 ug/l

RT: 3.08 min Scan# 158

Delta R.T. 0.02 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

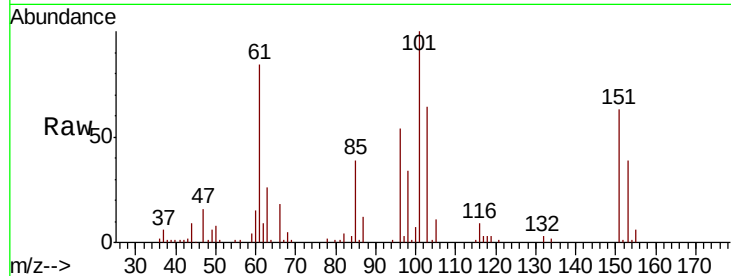
Tot Ion:101 Resp: 184432

Ion Ratio Lower Upper

101 100

85 38.6 33.4 50.0

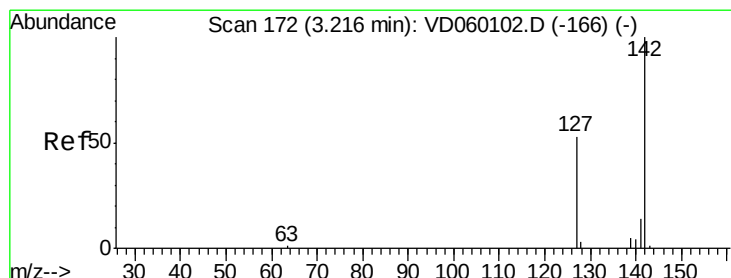
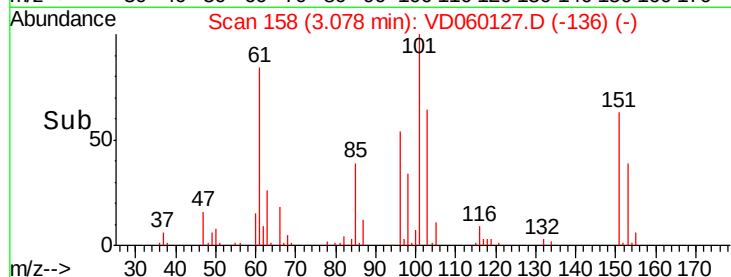
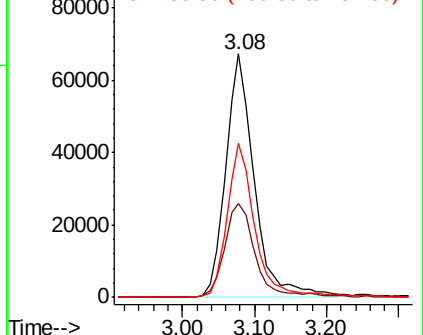
151 63.3 48.0 72.0



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: 19.099 ug/l

RT: 3.24 min Scan# 174

Delta R.T. 0.02 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

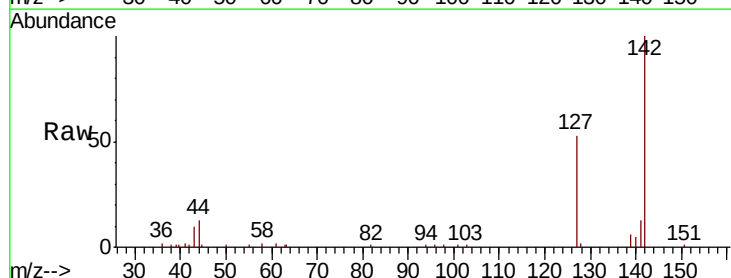
Tgt Ion:142 Resp: 167501

Ion Ratio Lower Upper

142 100

127 52.7 42.0 63.0

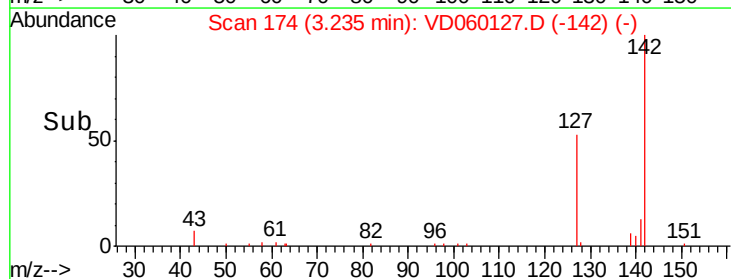
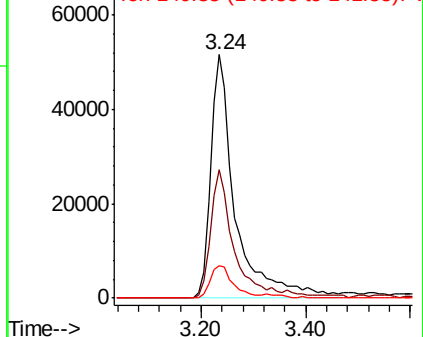
141 13.4 11.4 17.0

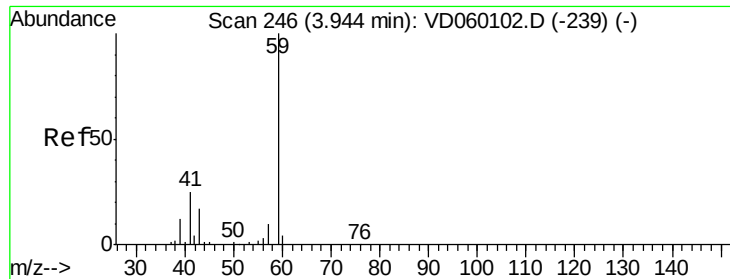


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

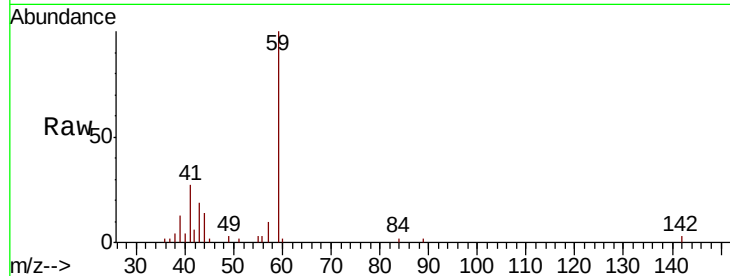
Ion 140.85 (140.55 to 141.55): V



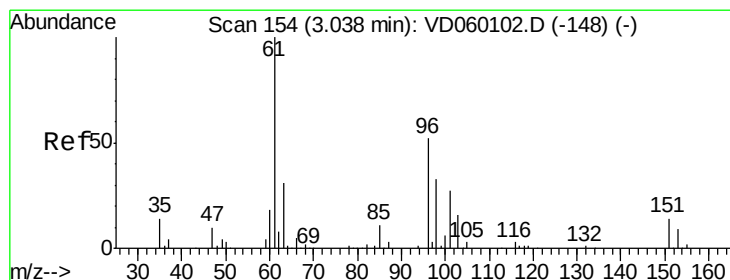
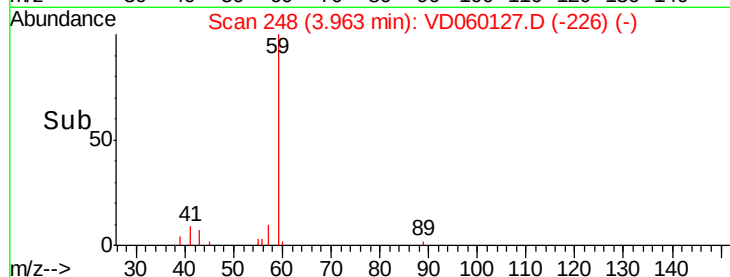
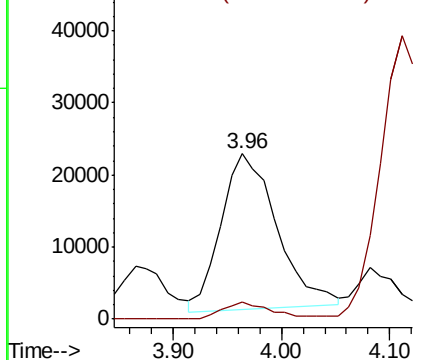


#11
Tert butyl alcohol
Concen: 89.895 ug/l
RT: 3.96 min Scan# 248
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tot Ion: 59 Resp: 78053
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.6

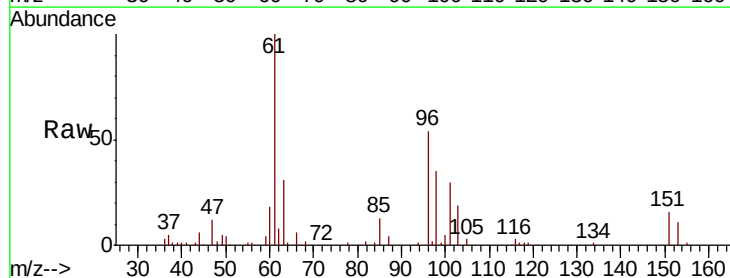


Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC

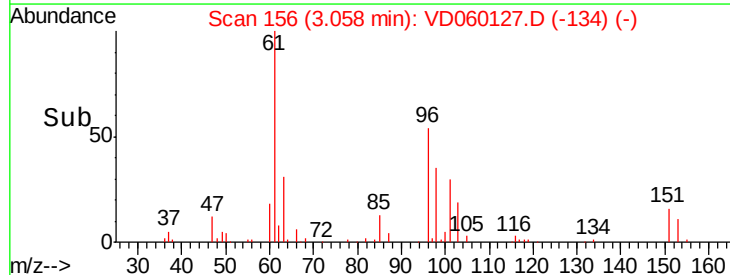
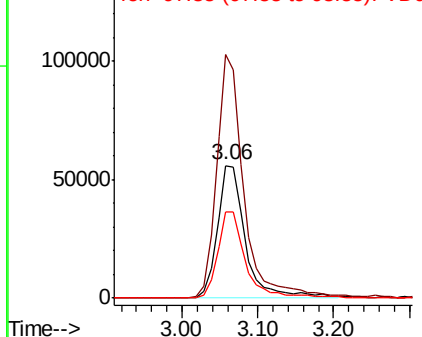


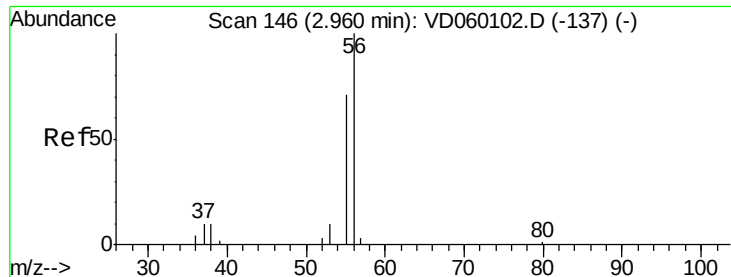
#12
1,1-Dichloroethene
Concen: 22.216 ug/l
RT: 3.06 min Scan# 156
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion: 96 Resp: 144739
Ion Ratio Lower Upper
96 100
61 183.9 153.0 229.4
98 64.9 51.1 76.7



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: 95.297 ug/l

RT: 2.98 min Scan# 148

Delta R.T. 0.02 min

Lab File: VD060127.D

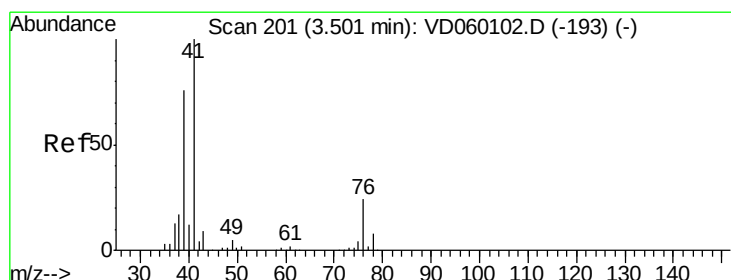
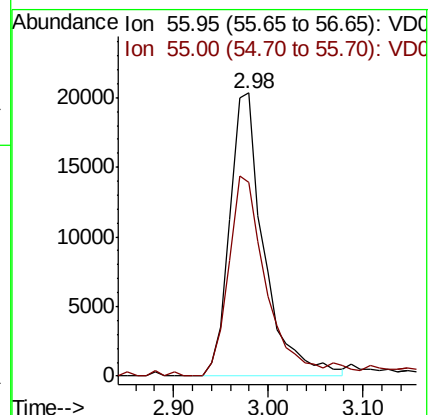
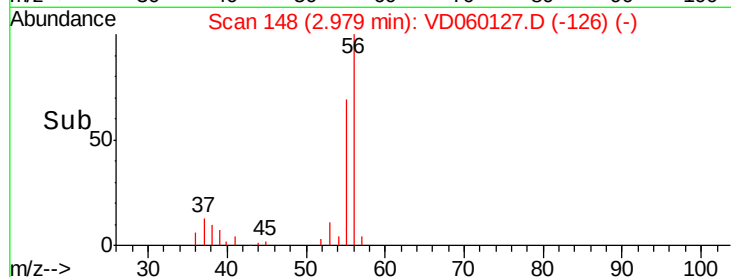
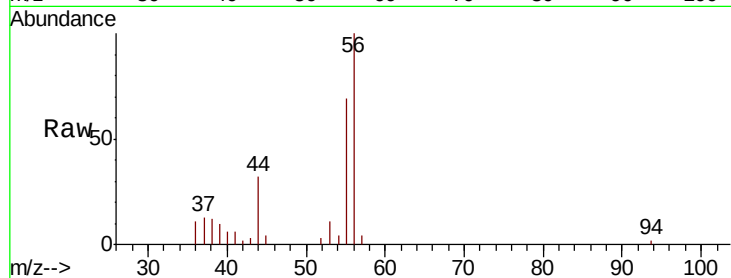
Acq: 4 Oct 2018 12:35

Tot Ion: 56 Resp: 51007

Ion Ratio Lower Upper

56 100

55 68.6 57.4 86.2



#14

Allyl chloride

Concen: 21.923 ug/l

RT: 3.52 min Scan# 203

Delta R.T. 0.02 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

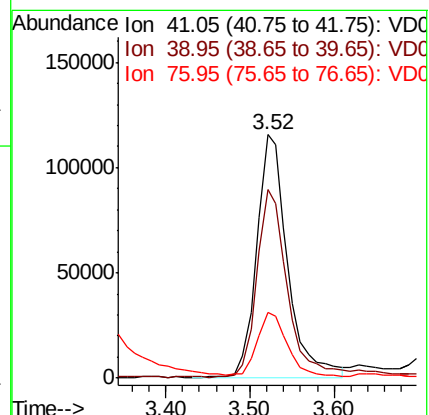
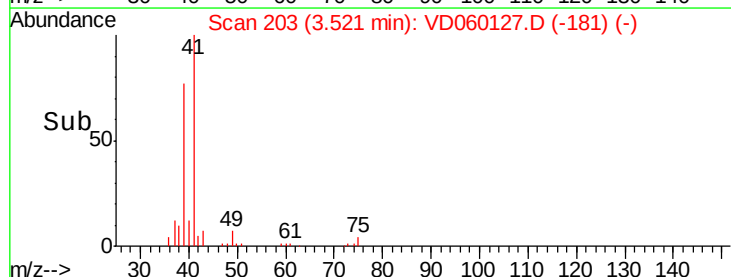
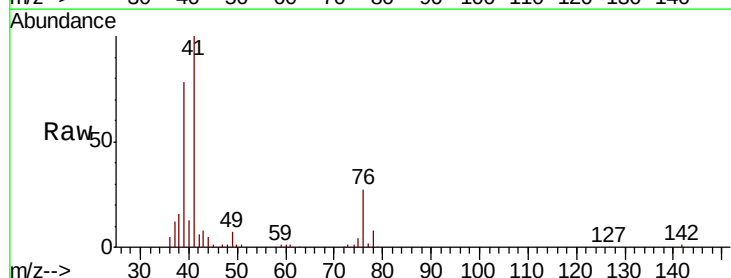
Tgt Ion: 41 Resp: 296645

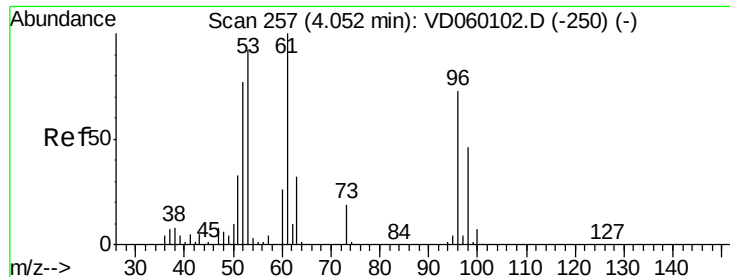
Ion Ratio Lower Upper

41 100

39 77.6 60.6 90.8

76 26.8 21.3 31.9





#15

Acrylonitrile

Concen: 103.580 ug/l

RT: 4.08 min Scan# 260

Delta R.T. 0.03 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

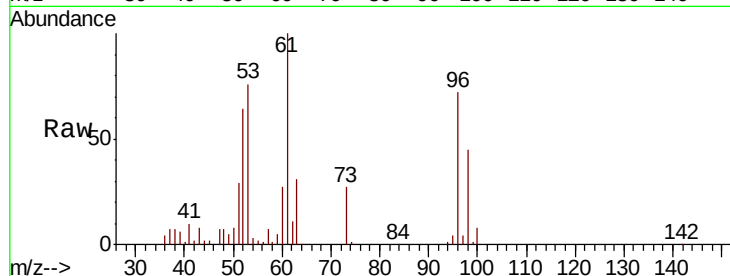
Tot Ion: 53 Resp: 372254

Ion Ratio Lower Upper

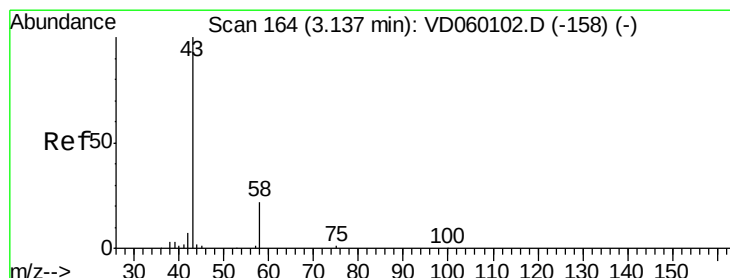
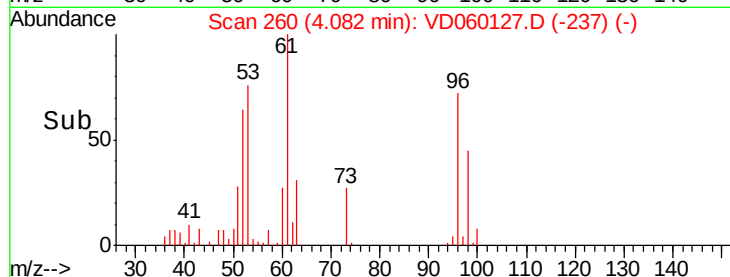
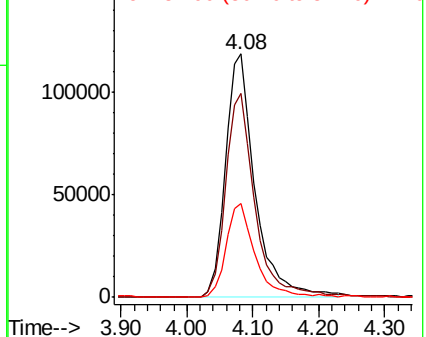
53 100

52 84.0 67.5 101.3

51 38.4 29.3 43.9



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: 116.932 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060127.D

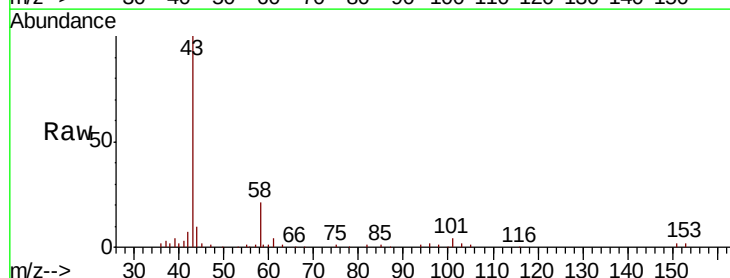
Acq: 4 Oct 2018 12:35

Tgt Ion: 43 Resp: 256875

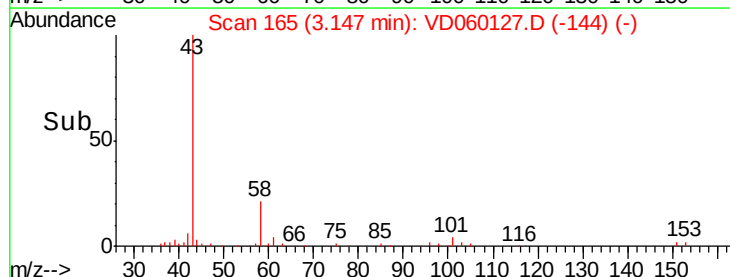
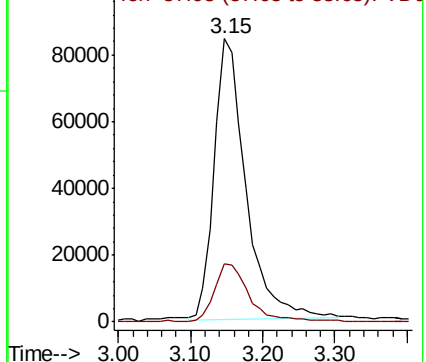
Ion Ratio Lower Upper

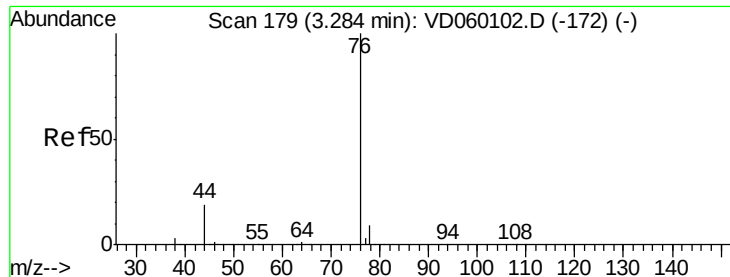
43 100

58 20.7 17.7 26.5



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





#17

Carbon Disulfide

Concen: 22.358 ug/l

RT: 3.30 min Scan# 181

Delta R.T. 0.02 min

Lab File: VD060127.D

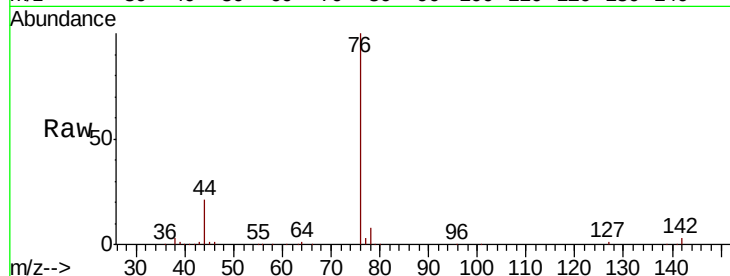
Acq: 4 Oct 2018 12:35

Tot Ion: 76 Resp: 489837

Ion Ratio Lower Upper

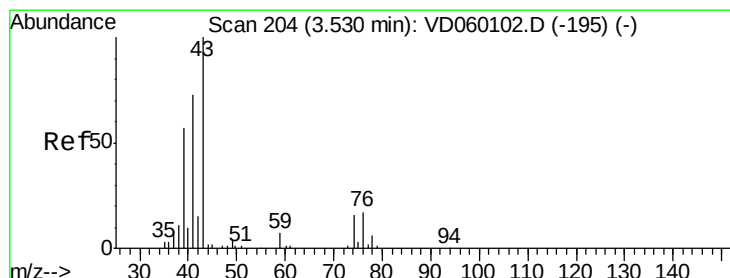
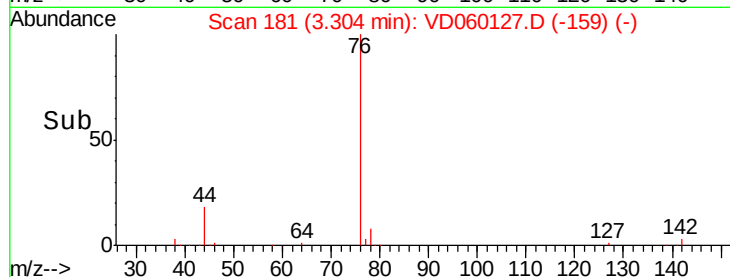
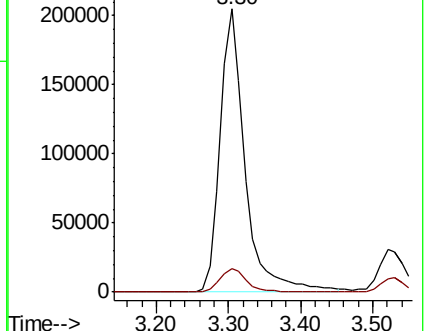
76 100

78 8.3 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 21.586 ug/l

RT: 3.55 min Scan# 206

Delta R.T. 0.02 min

Lab File: VD060127.D

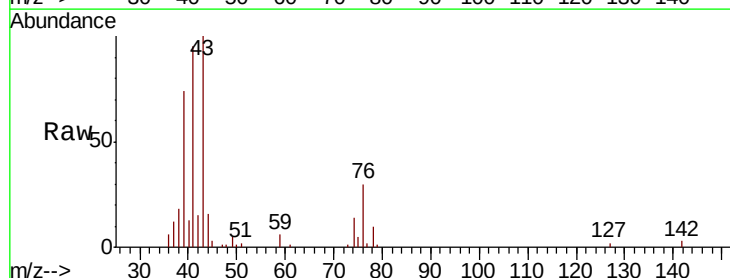
Acq: 4 Oct 2018 12:35

Tgt Ion: 43 Resp: 101920

Ion Ratio Lower Upper

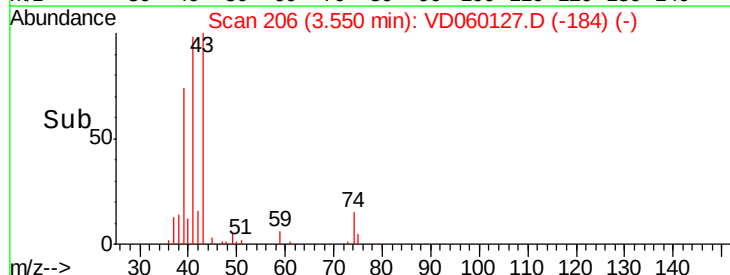
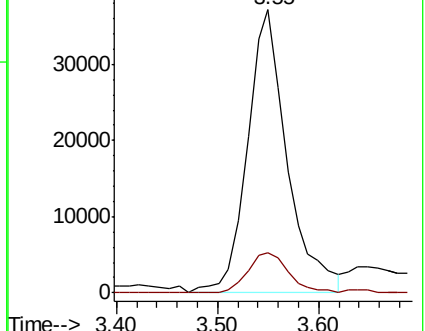
43 100

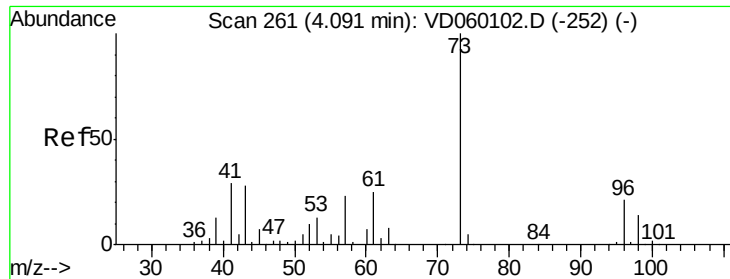
74 14.2 12.6 19.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

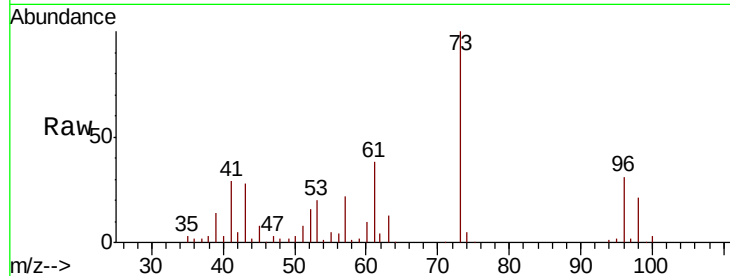




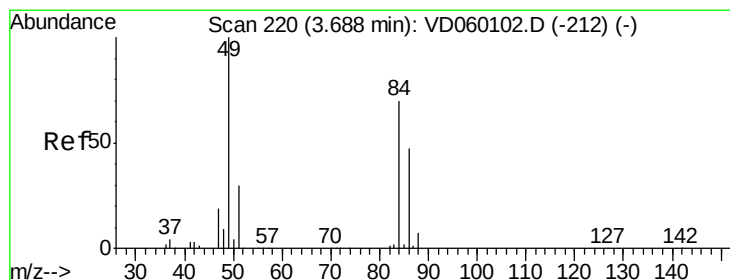
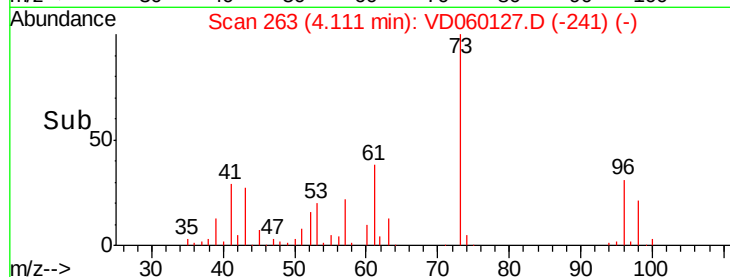
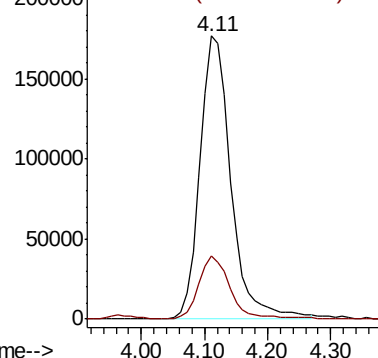
#19

Methyl tert-butyl Ether
 Concen: 20.979 ug/l
 RT: 4.11 min Scan# 263
 Delta R.T. 0.02 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tot Ion: 73 Resp: 600949
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.7 28.1



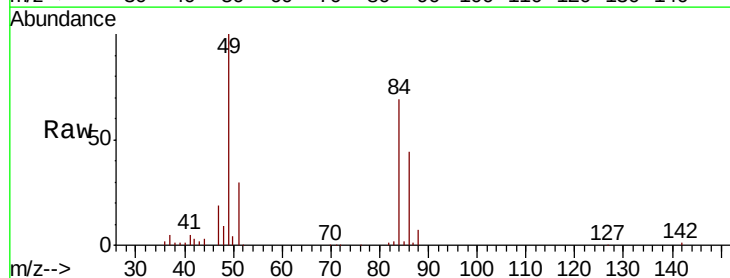
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



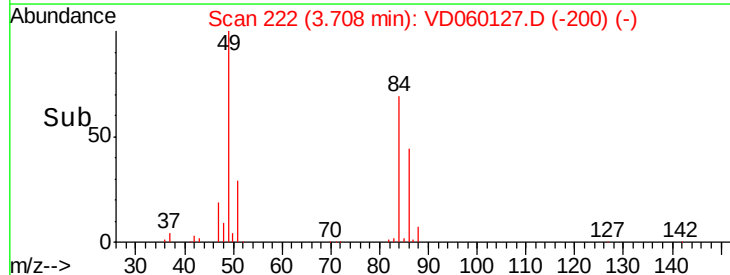
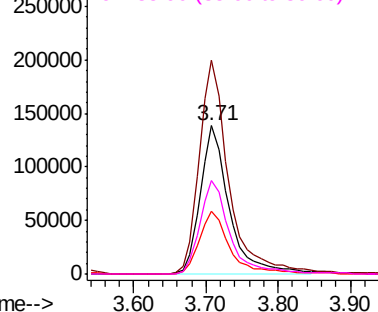
#20

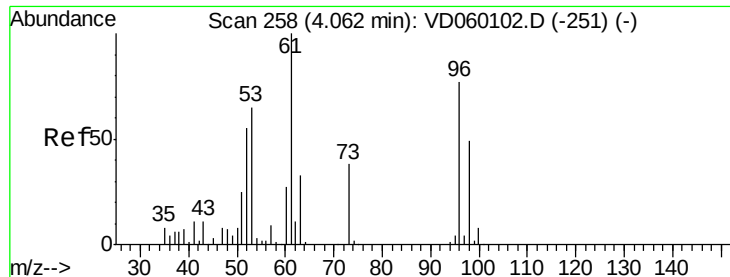
Methylene Chloride
 Concen: 19.782 ug/l
 RT: 3.71 min Scan# 222
 Delta R.T. 0.02 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tgt Ion: 84 Resp: 386999
 Ion Ratio Lower Upper
 84 100
 49 144.0 114.6 172.0
 51 42.6 33.8 50.8
 86 63.3 53.3 79.9



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





#21

trans-1,2-Dichloroethene

Concen: 20.705 ug/l

RT: 4.09 min Scan# 261

Delta R.T. 0.03 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

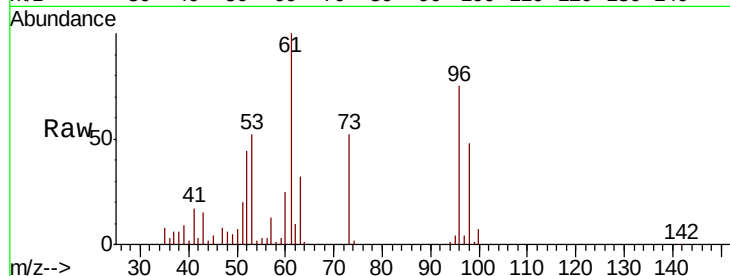
Tot Ion: 96 Resp: 348397

Ion Ratio Lower Upper

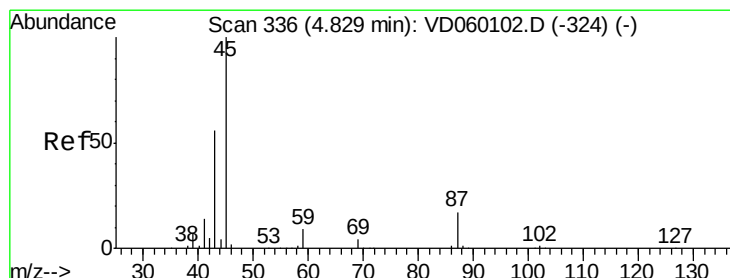
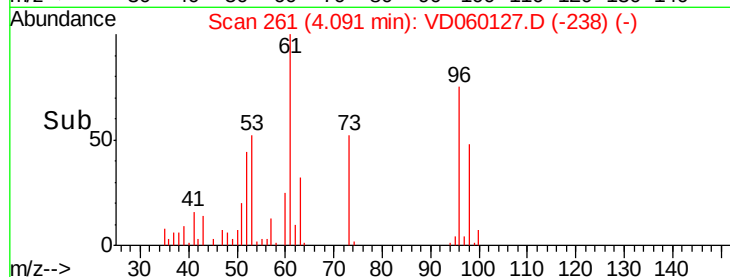
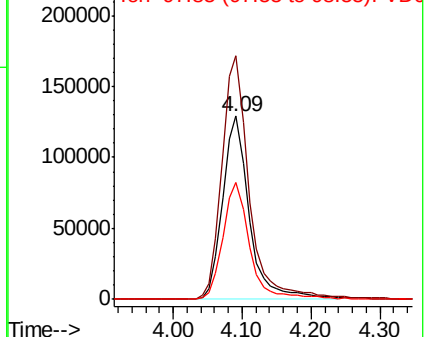
96 100

61 132.8 103.3 154.9

98 63.6 50.4 75.6



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



#22

Diisopropyl ether

Concen: 21.378 ug/l

RT: 4.85 min Scan# 338

Delta R.T. 0.02 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

Tgt Ion: 45 Resp: 1291899

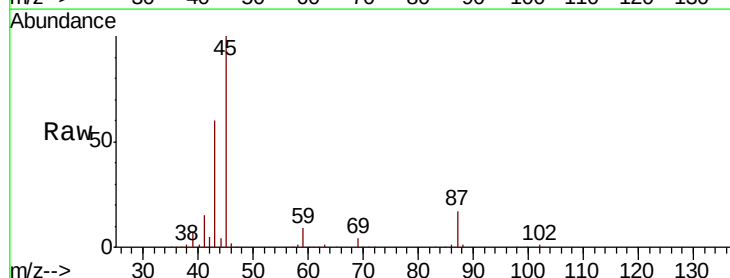
Ion Ratio Lower Upper

45 100

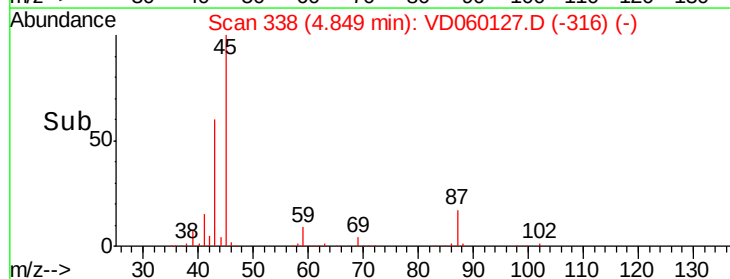
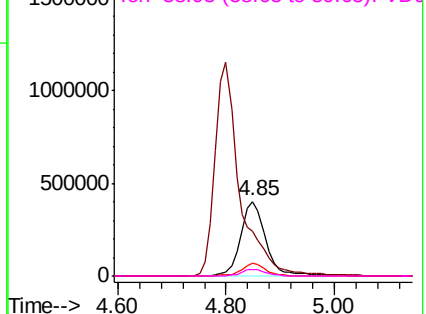
43 60.1 44.8 67.2

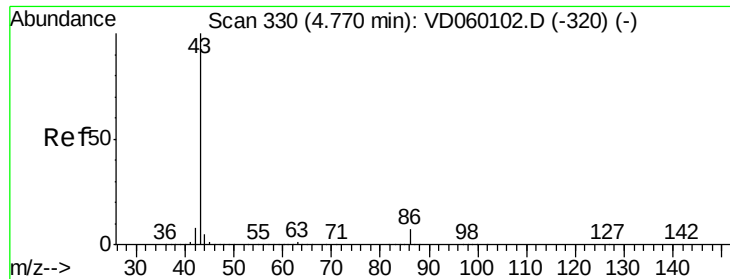
87 17.3 13.9 20.9

59 8.9 7.1 10.7



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: 107.434 ug/l

RT: 4.80 min Scan# 333

Delta R.T. 0.03 min

Lab File: VD060127.D

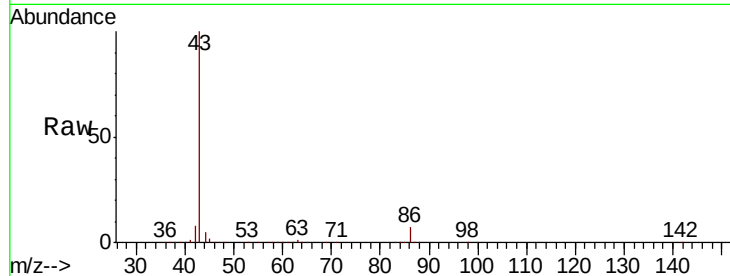
Acq: 4 Oct 2018 12:35

Tot Ion: 43 Resp: 3649348

Ion Ratio Lower Upper

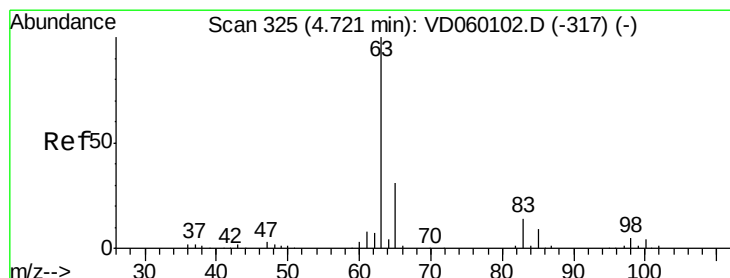
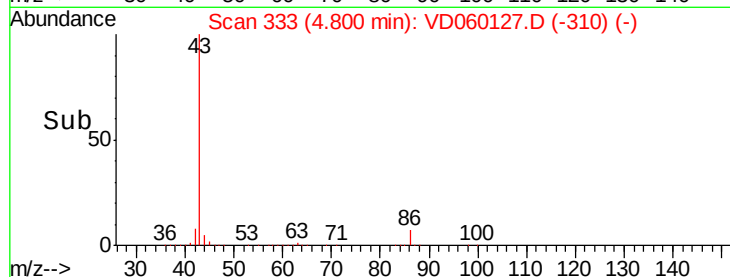
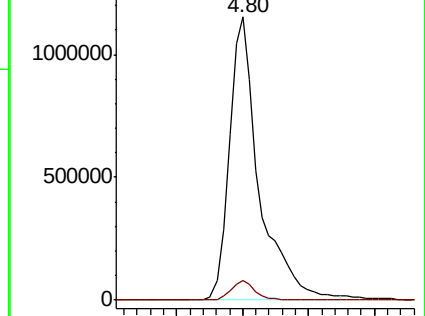
43 100

86 6.9 5.6 8.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.463 ug/l

RT: 4.75 min Scan# 328

Delta R.T. 0.03 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

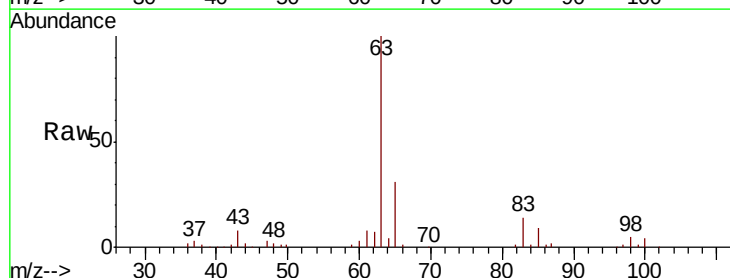
Tgt Ion: 63 Resp: 560693

Ion Ratio Lower Upper

63 100

98 5.3 2.8 8.3

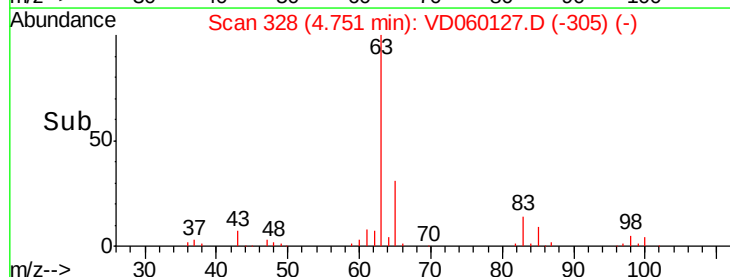
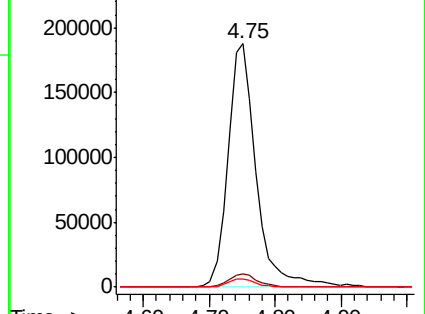
100 3.6 1.8 5.3

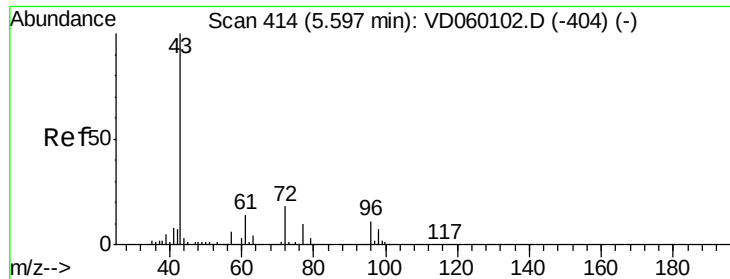


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 107.951 ug/l

RT: 5.62 min Scan# 416

Delta R.T. 0.02 min

Lab File: VD060127.D

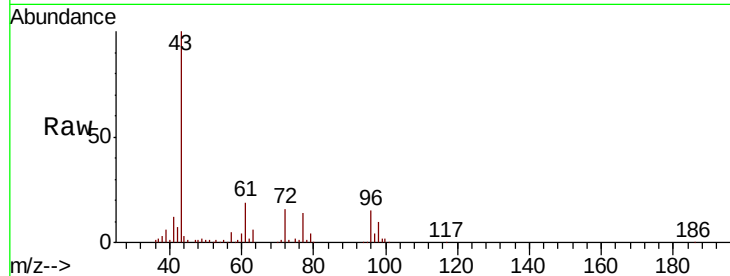
Acq: 4 Oct 2018 12:35

Tot Ion: 43 Resp: 592448

Ion Ratio Lower Upper

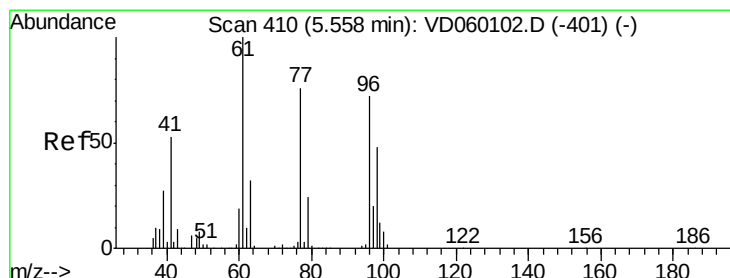
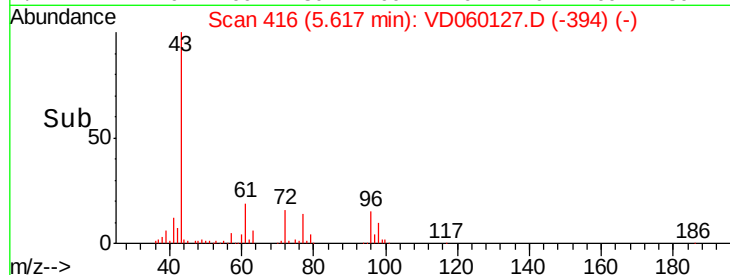
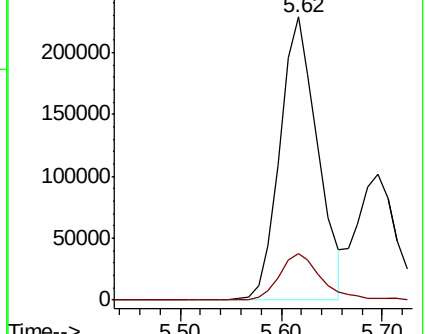
43 100

72 16.3 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.778 ug/l

RT: 5.58 min Scan# 412

Delta R.T. 0.02 min

Lab File: VD060127.D

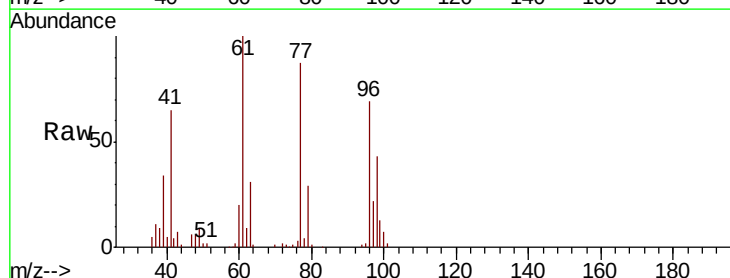
Acq: 4 Oct 2018 12:35

Tgt Ion: 77 Resp: 452360

Ion Ratio Lower Upper

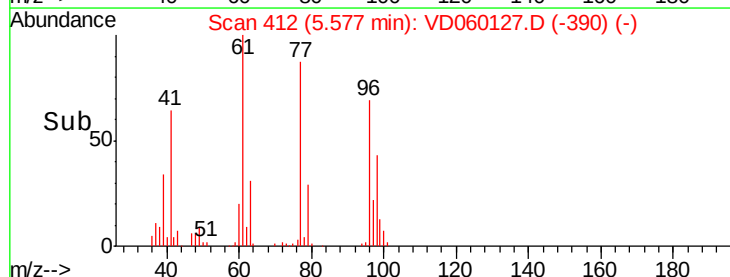
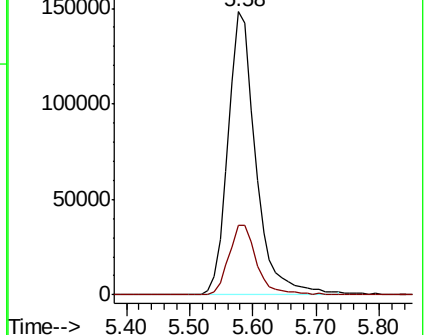
77 100

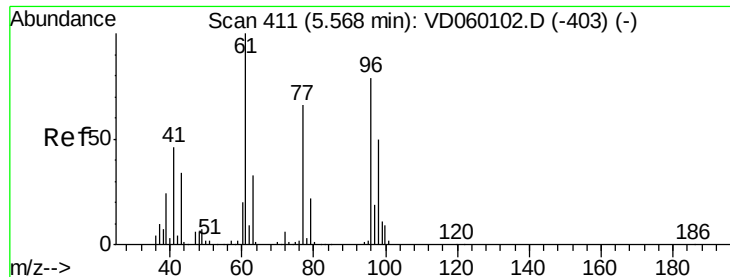
97 24.8 13.3 39.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

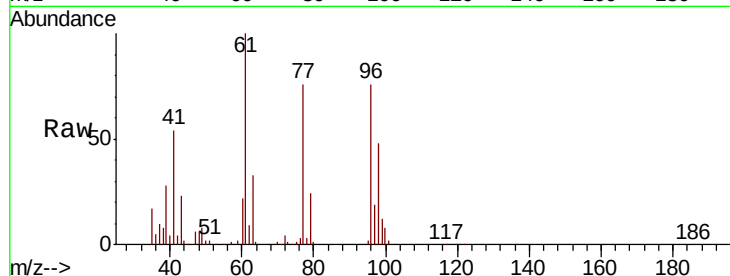




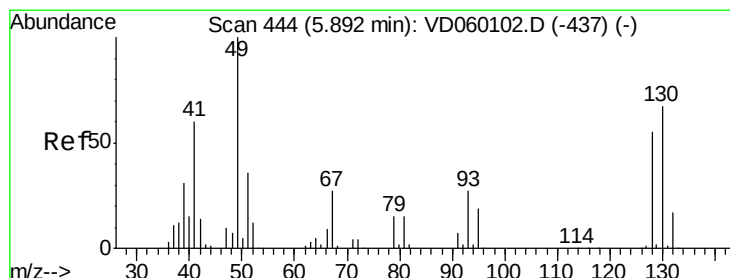
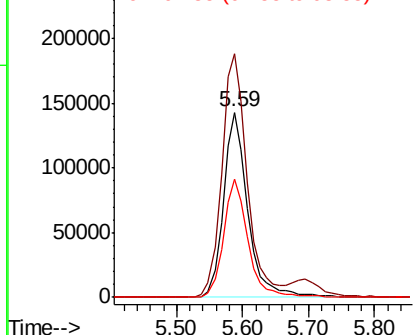
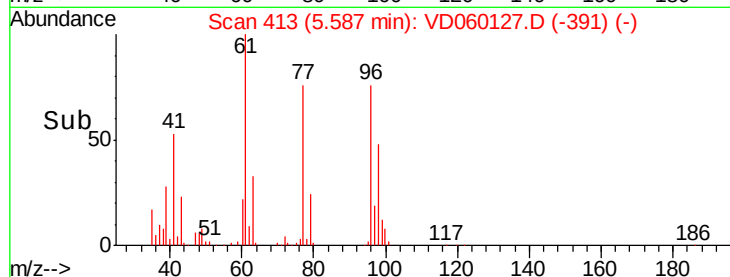
#27

cis-1,2-Dichloroethene
 Concen: 20.644 ug/l
 RT: 5.59 min Scan# 413
 Delta R.T. 0.02 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tot Ion	96	Resp	368045
Ion Ratio	Lower	Upper	
96	100		
61	131.6	0.0	251.8
98	63.8	0.0	125.2



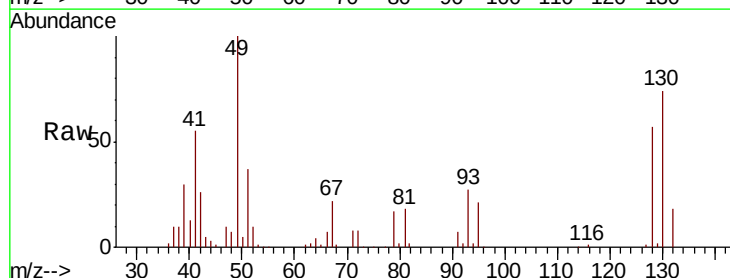
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



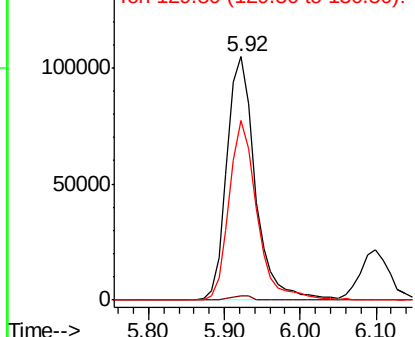
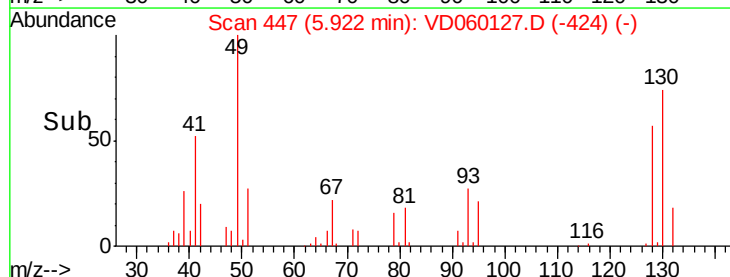
#28

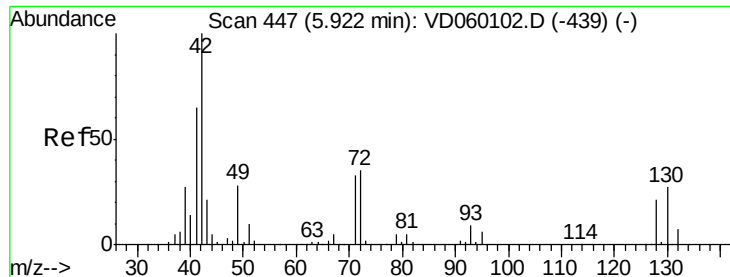
Bromochloromethane
 Concen: 20.563 ug/l
 RT: 5.92 min Scan# 447
 Delta R.T. 0.03 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tgt Ion	49	Resp	273794
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	3.6
130	73.9	53.9	80.9



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





#29

Tetrahydrofuran

Concen: 98.910 ug/l

RT: 5.95 min Scan# 450

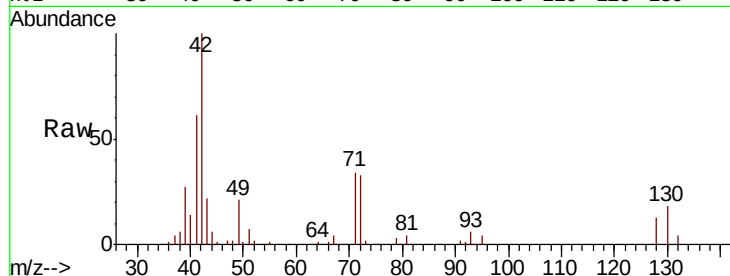
Delta R.T. 0.03 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

Tot Ion: 42 Resp: 315303

Ion	Ratio	Lower	Upper
42	100		
72	32.9	26.9	40.3
71	32.4	26.7	40.1

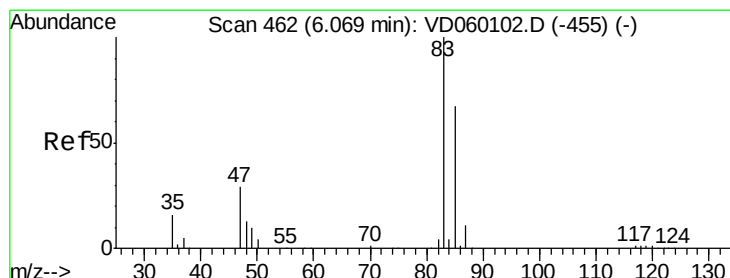
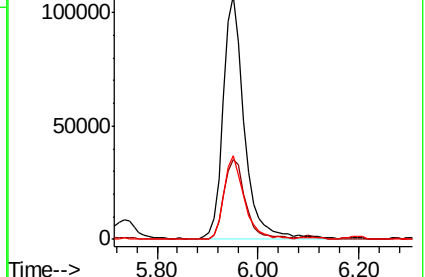
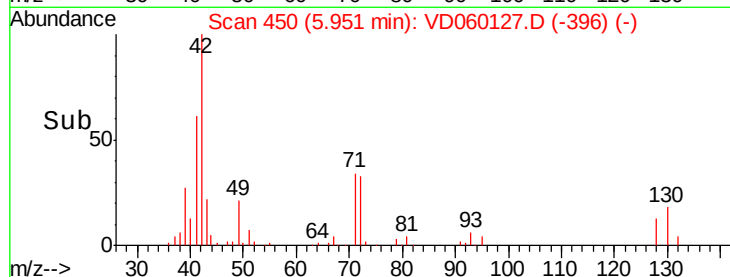


Abundance

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: 21.425 ug/l

RT: 6.10 min Scan# 465

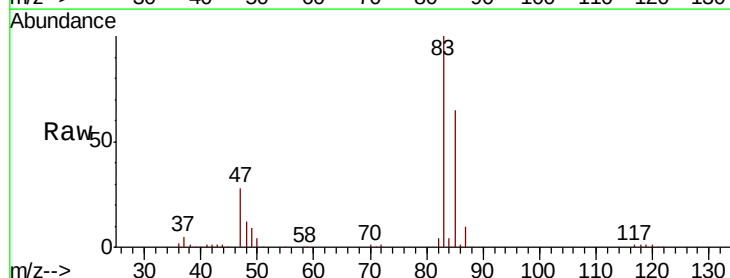
Delta R.T. 0.03 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

Tgt Ion: 83 Resp: 593808

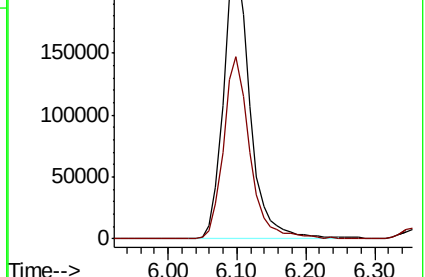
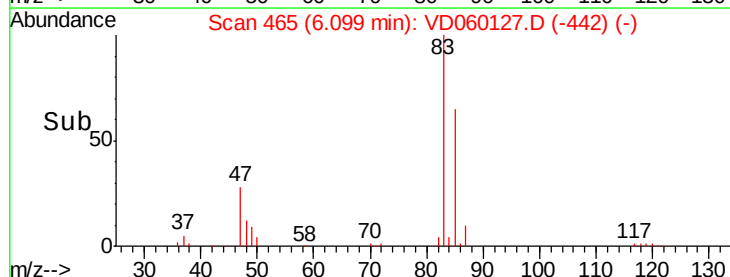
Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.8	80.8

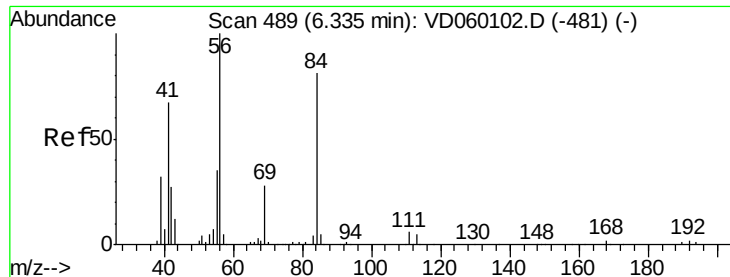


Abundance

Ion 82.95 (82.65 to 83.65): VDC

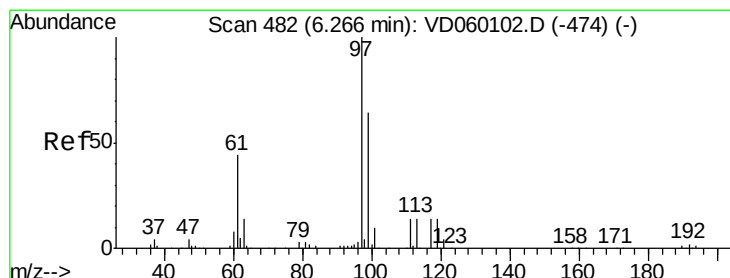
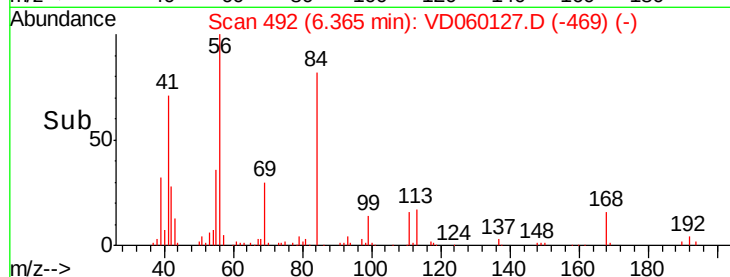
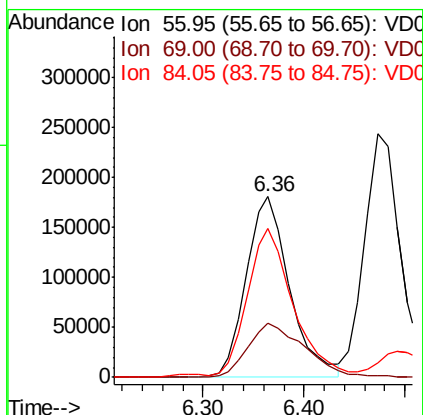
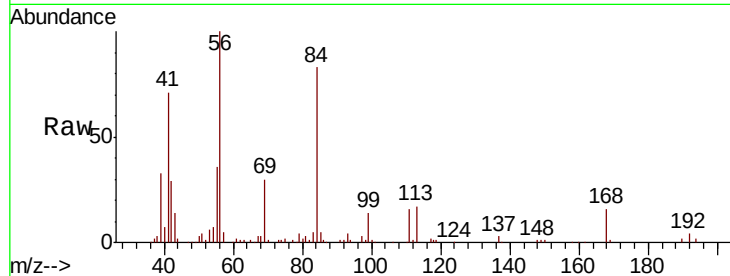
Ion 84.95 (84.65 to 85.65): VDC





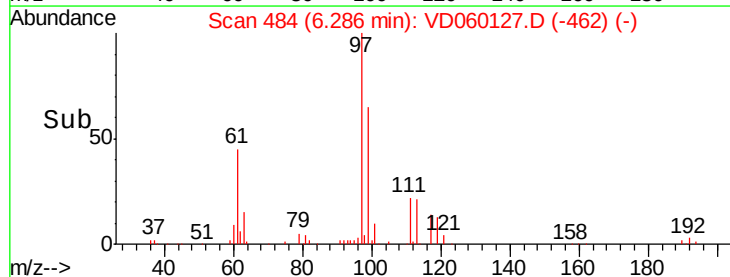
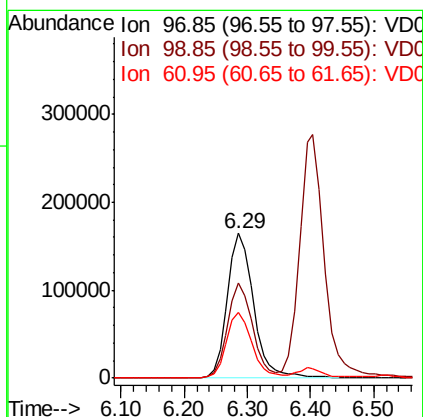
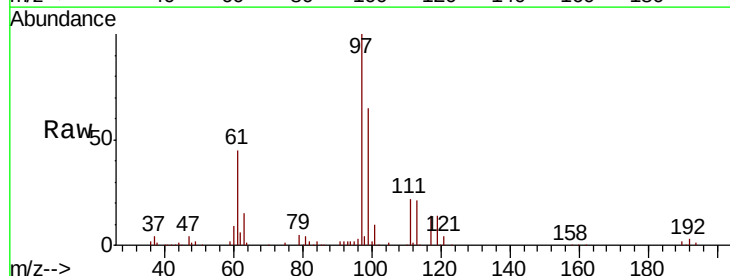
#31
Cyclohexane
Concen: 20.643 ug/l
RT: 6.36 min Scan# 492
Delta R.T. 0.03 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

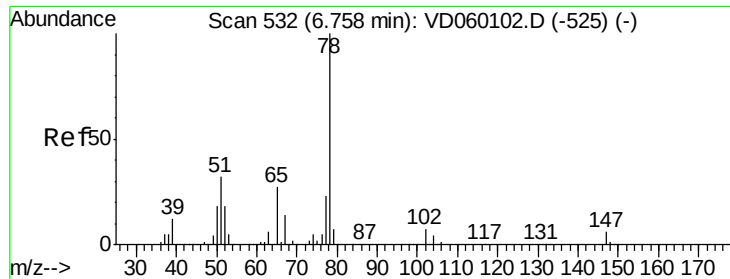
Tot Ion: 56 Resp: 541446
Ion Ratio Lower Upper
56 100
69 30.1 22.8 34.2
84 82.6 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 21.003 ug/l
RT: 6.29 min Scan# 484
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

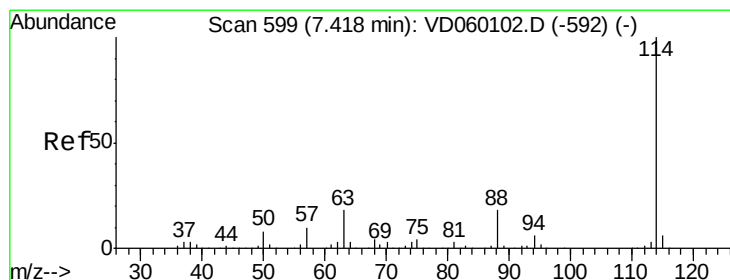
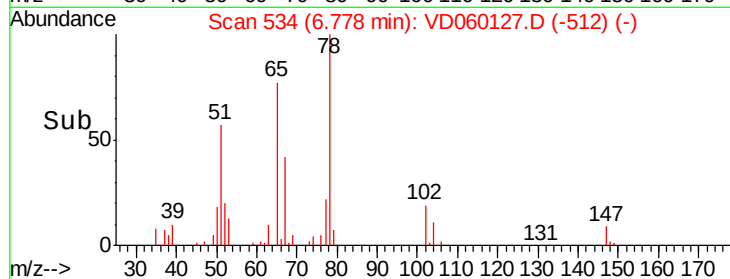
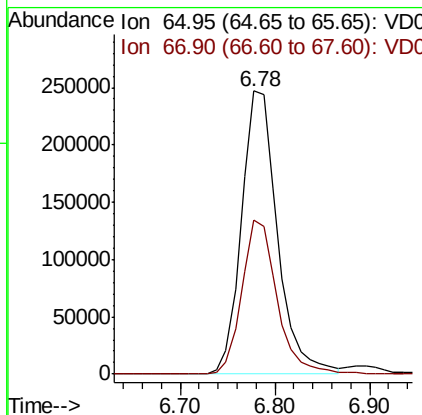
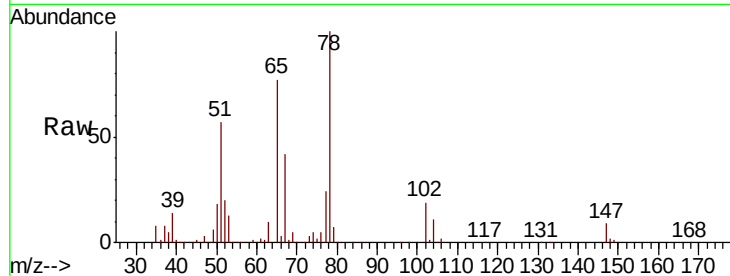
Tgt Ion: 97 Resp: 476919
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 45.0 35.5 53.3





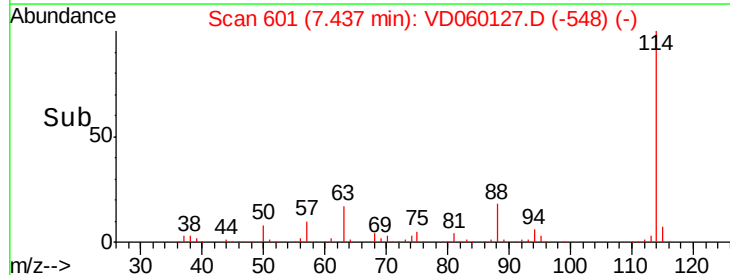
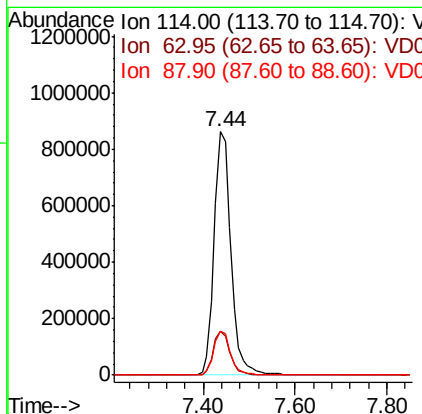
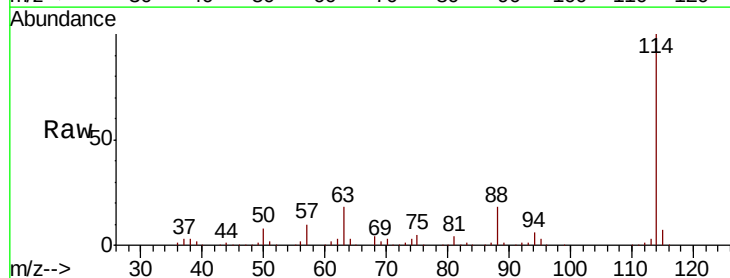
#33
 1,2-Dichloroethane-d4
 Concen: 21.003 ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

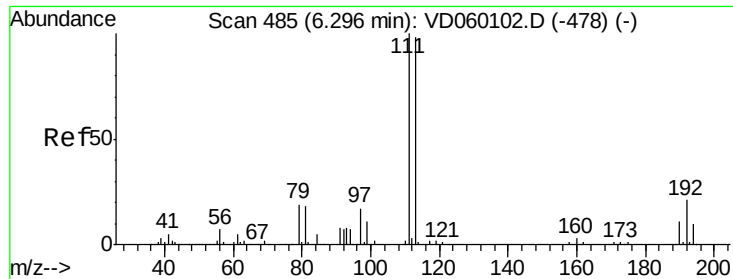
Tot Ion: 65 Resp: 650904
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

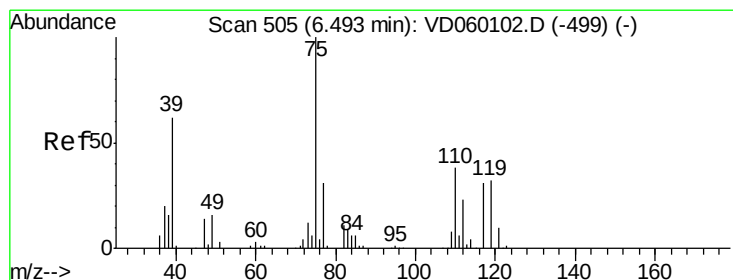
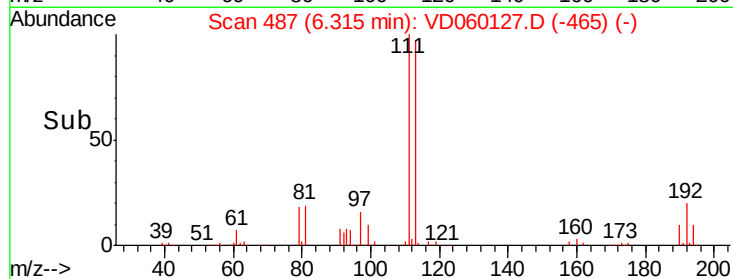
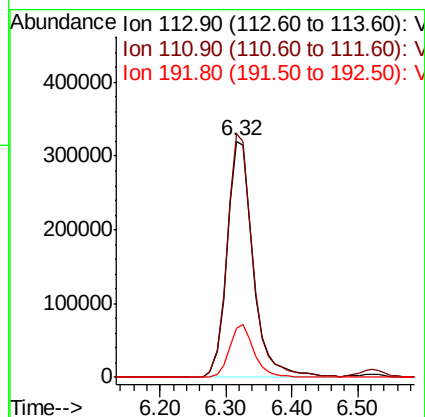
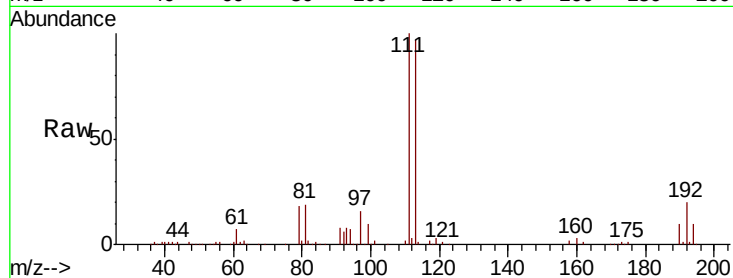
Tgt Ion: 114 Resp: 2167356
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.0
 88 18.1 0.0 36.2





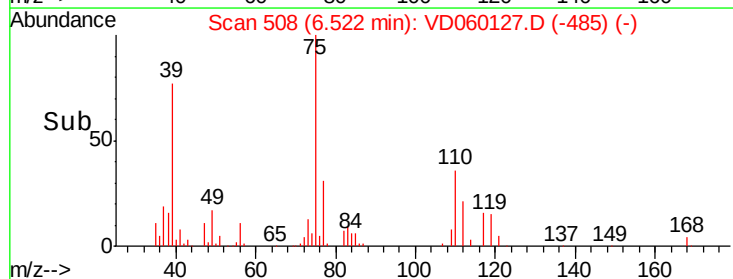
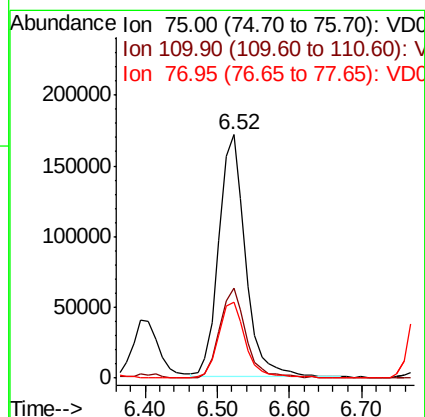
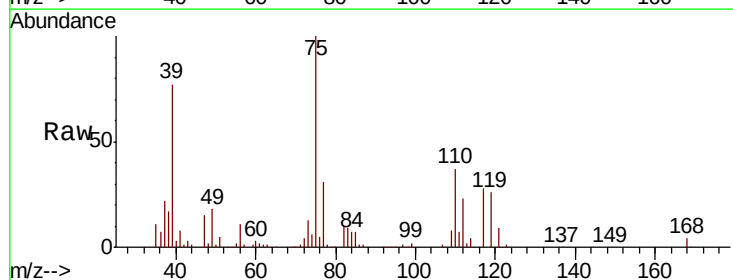
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 487
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

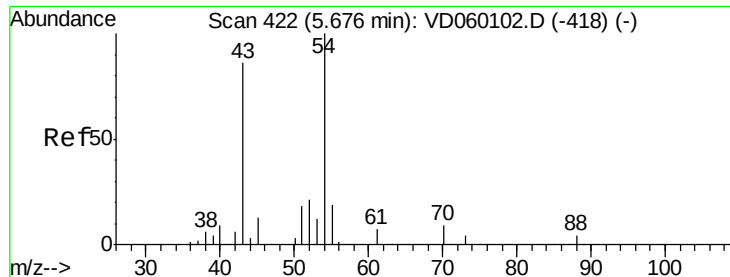
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	20.7	17.4	26.0



#36
1,1-Dichloropropene
Concen: 21.194 ug/l
RT: 6.52 min Scan# 508
Delta R.T. 0.03 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

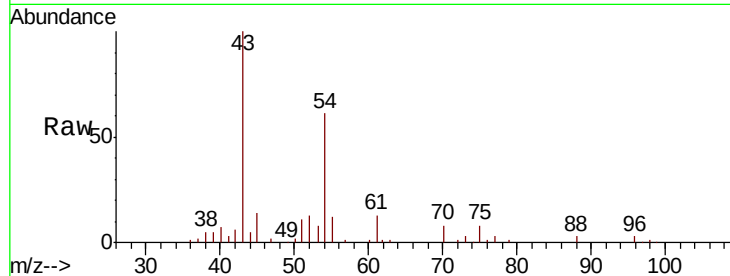
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	19.0	57.0
77	31.3	24.9	37.3



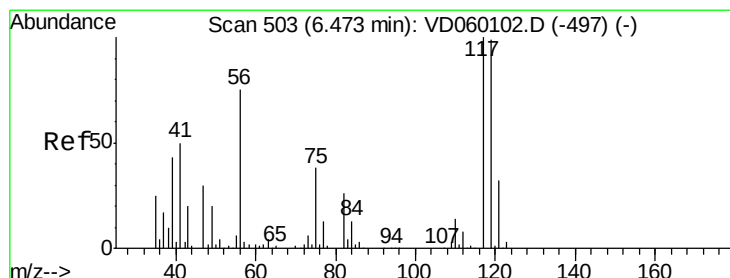
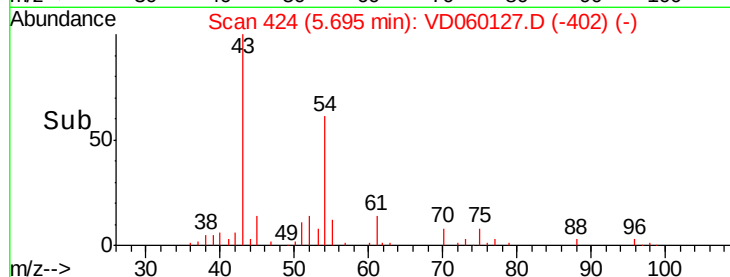
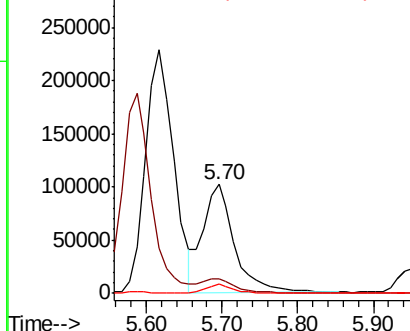


#37
Ethyl Acetate
Concen: 21.399 ug/l
RT: 5.70 min Scan# 424
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tot Ion: 43 Resp: 294176
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 8.1 6.3 9.5

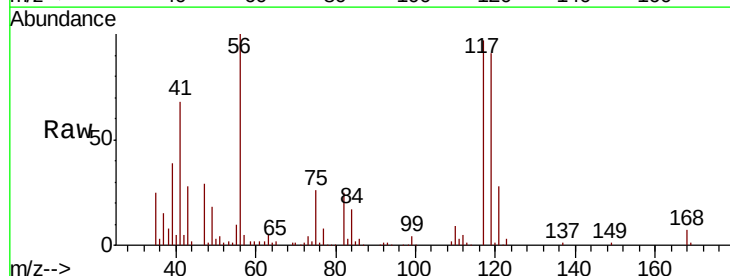


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

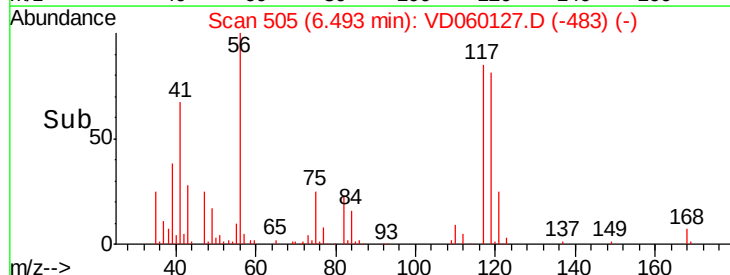
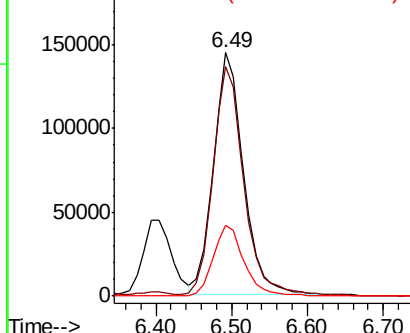


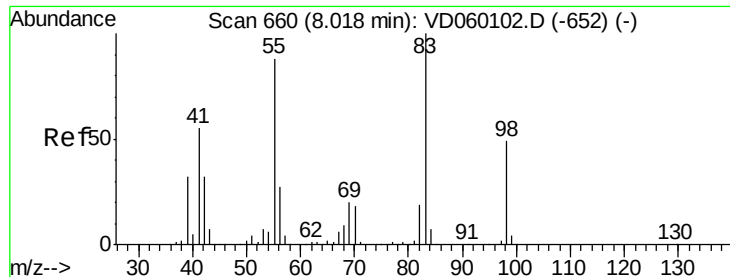
#38
Carbon Tetrachloride
Concen: 21.385 ug/l
RT: 6.49 min Scan# 505
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion: 117 Resp: 401990
Ion Ratio Lower Upper
117 100
119 94.5 77.8 116.6
121 29.1 24.8 37.2



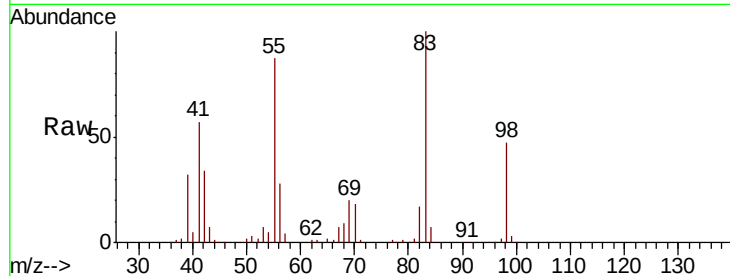
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



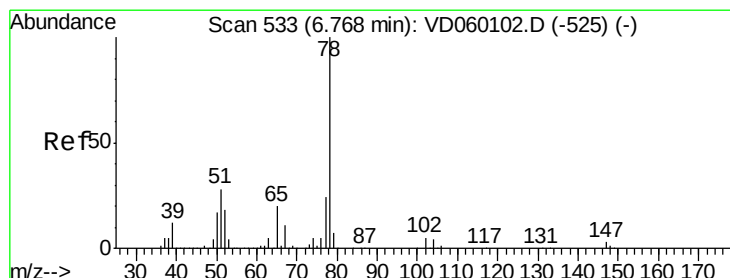
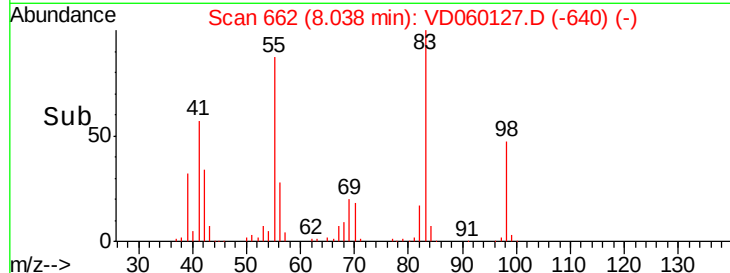
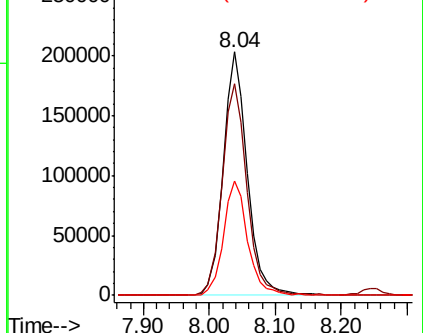


#39
Methylvlcyclohexane
Concen: 21.982 ug/l
RT: 8.04 min Scan# 662
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tot Ion: 83 Resp: 517289
Ion Ratio Lower Upper
83 100
55 86.7 70.5 105.7
98 47.2 39.4 59.2

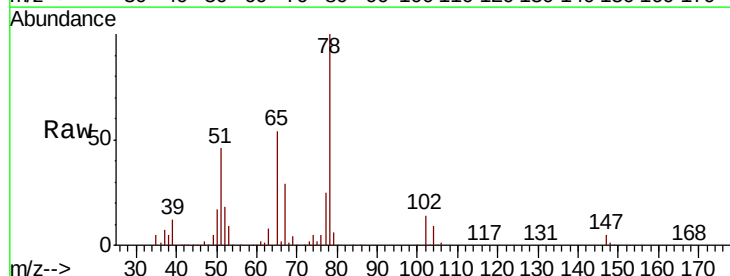


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

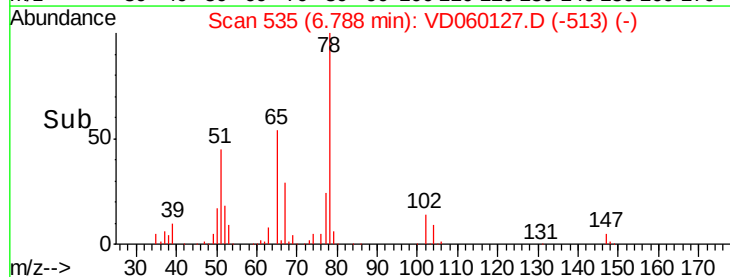
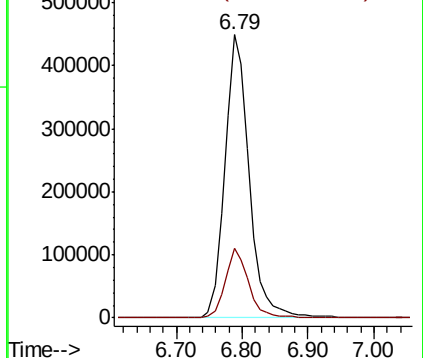


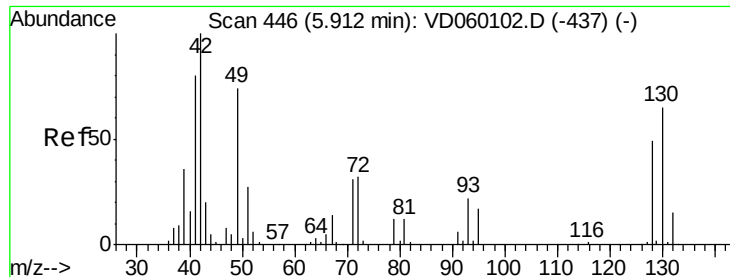
#40
Benzene
Concen: 21.391 ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion: 78 Resp: 1159057
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4



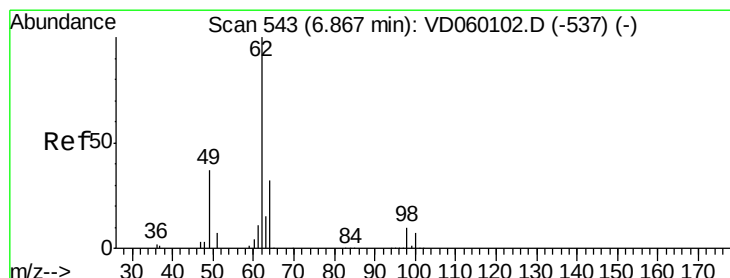
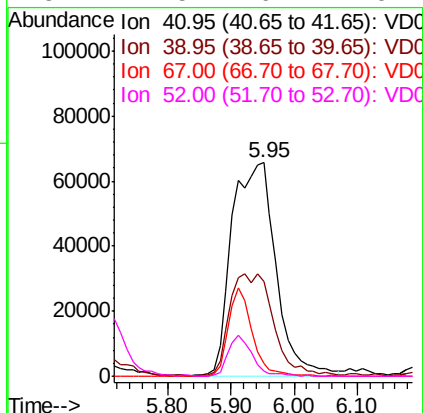
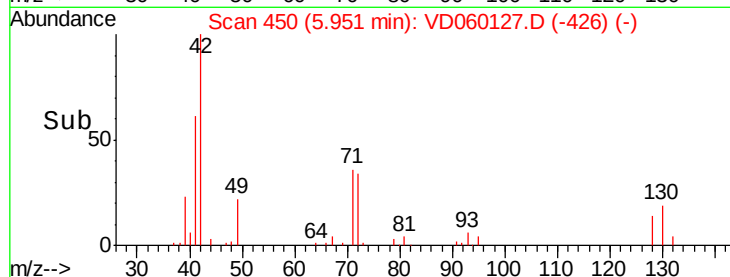
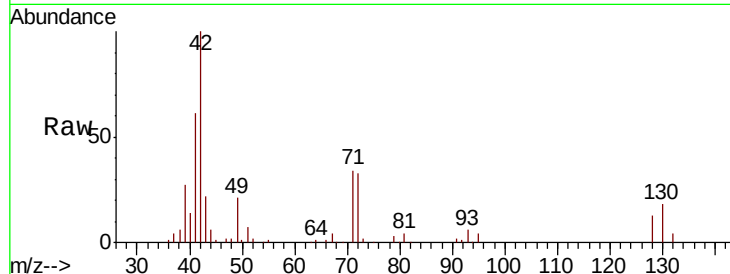
Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





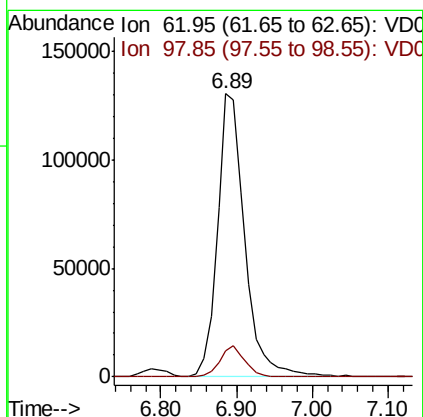
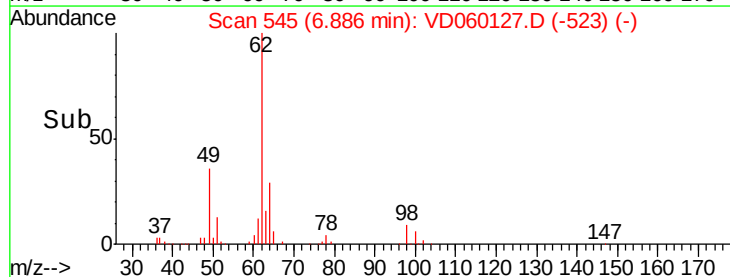
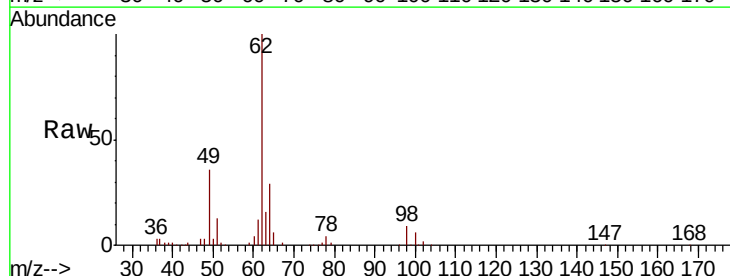
#41
Methacrylonitrile
Concen: 41.071 ug/l
RT: 5.95 min Scan# 450
Delta R.T. 0.04 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

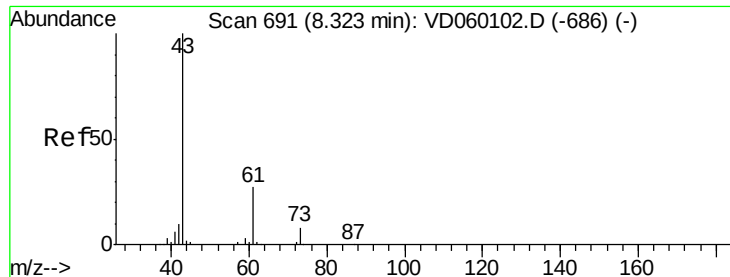
Tot Ion	Ratio	Lower	Upper
41	100		
39	44.4	36.0	54.0
67	6.0	13.9	20.9
52	2.5	6.1	9.1



#42
1,2-Dichloroethane
Concen: 20.804 ug/l
RT: 6.89 min Scan# 545
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 20.070 ug/l

RT: 8.35 min Scan# 694

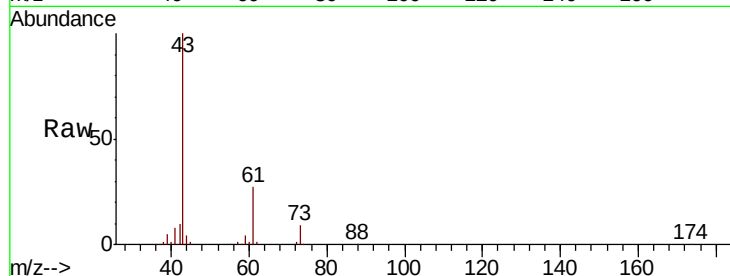
Delta R.T. 0.03 min

Lab File: VD060127.D

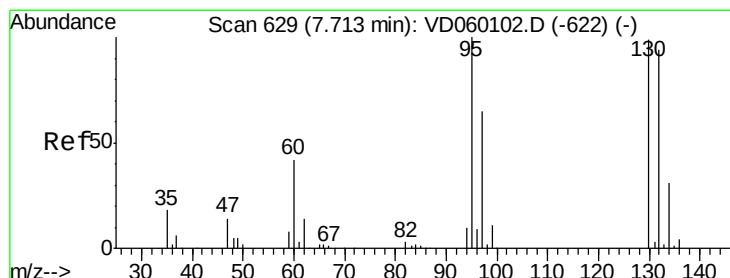
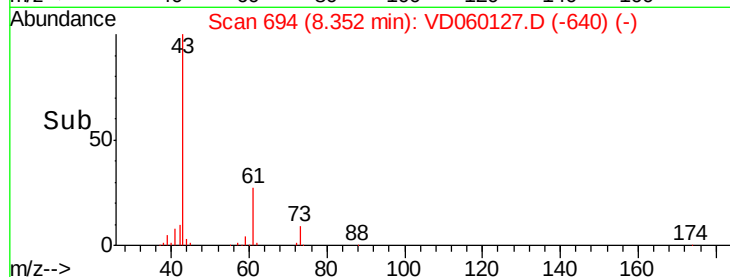
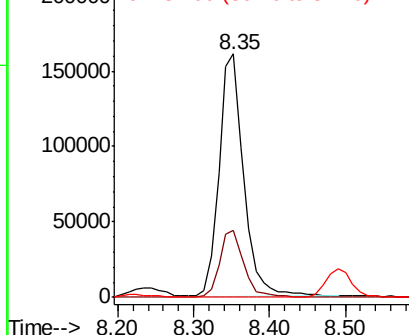
Acq: 4 Oct 2018 12:35

Tot Ion: 43 Resp: 362980

Ion	Ratio	Lower	Upper
43	100		
61	27.3	21.4	32.2
87	0.0	0.2	0.2#



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



#44

Trichloroethene

Concen: 20.553 ug/l

RT: 7.74 min Scan# 632

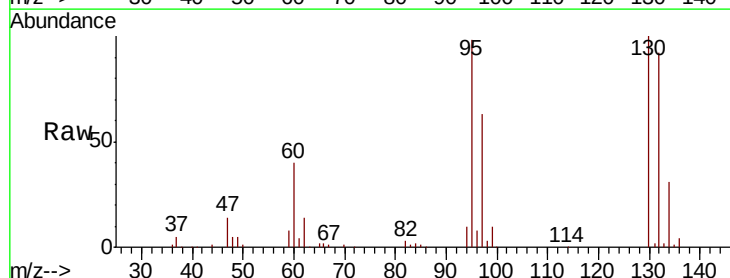
Delta R.T. 0.03 min

Lab File: VD060127.D

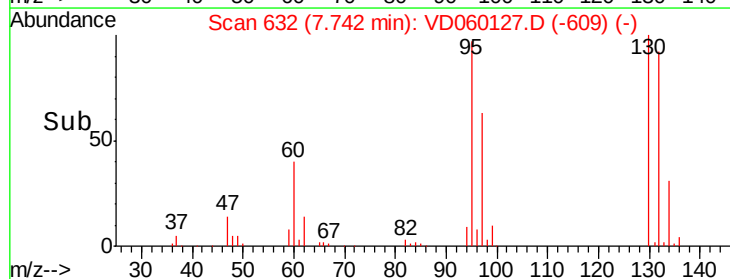
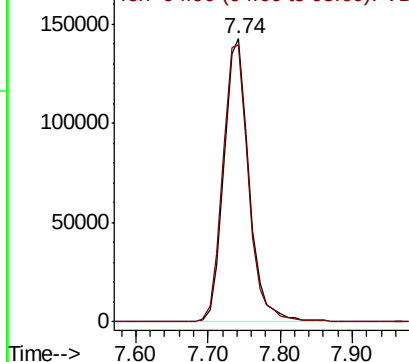
Acq: 4 Oct 2018 12:35

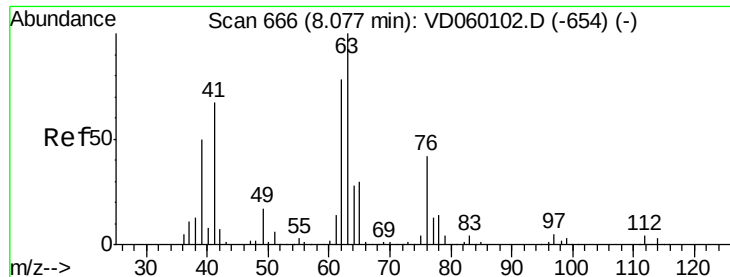
Tgt Ion: 130 Resp: 344735

Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	202.2



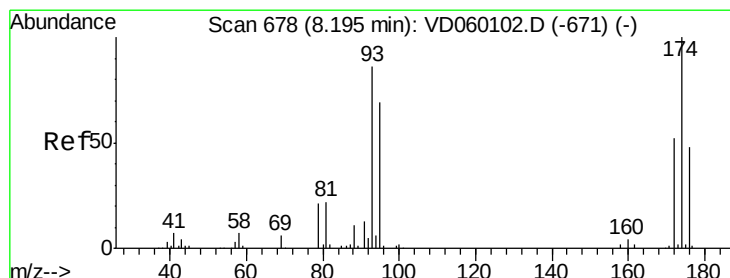
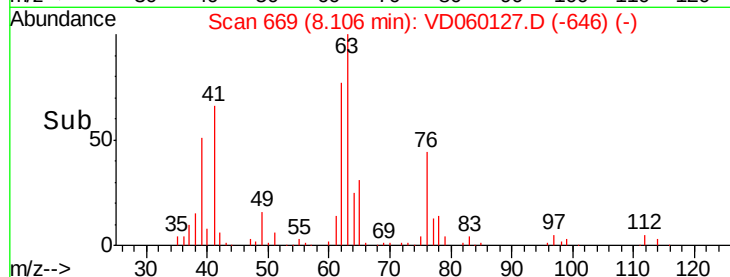
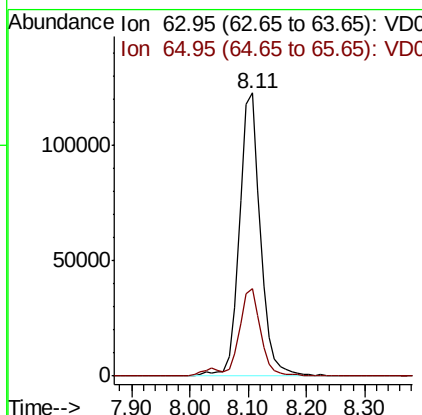
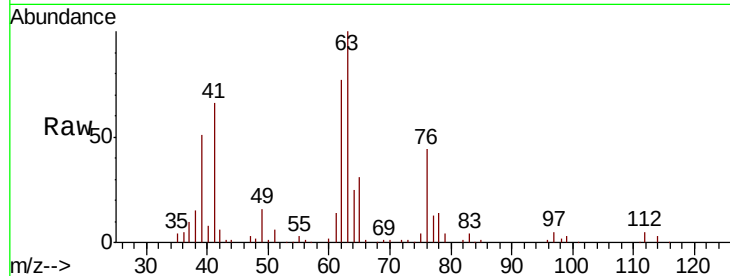
Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





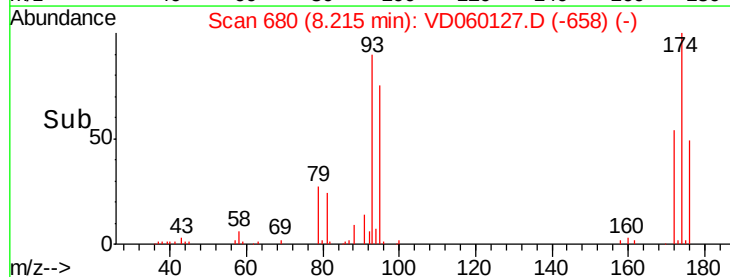
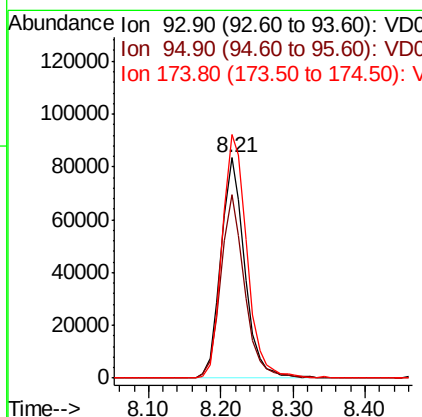
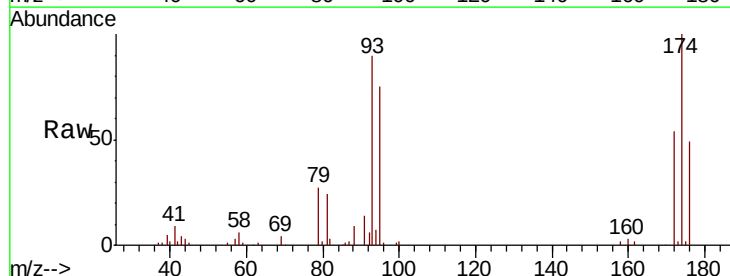
#45
1,2-Dichloropropane
Concen: 21.604 ug/l
RT: 8.11 min Scan# 669
Delta R.T. 0.03 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

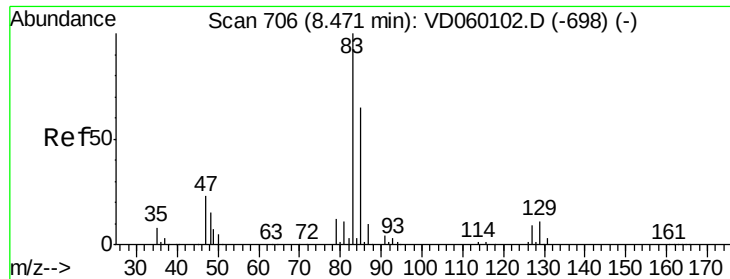
Tot Ion: 63 Resp: 306506
Ion Ratio Lower Upper
63 100
65 31.1 24.1 36.1



#46
Dibromomethane
Concen: 20.690 ug/l
RT: 8.21 min Scan# 680
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion: 93 Resp: 190045
Ion Ratio Lower Upper
93 100
95 83.5 63.8 95.6
174 110.7 92.9 139.3





#47

Bromodichloromethane

Concen: 21.621 ug/l

RT: 8.49 min Scan# 708

Delta R.T. 0.02 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

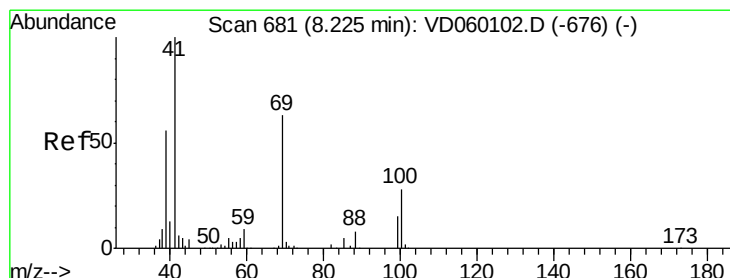
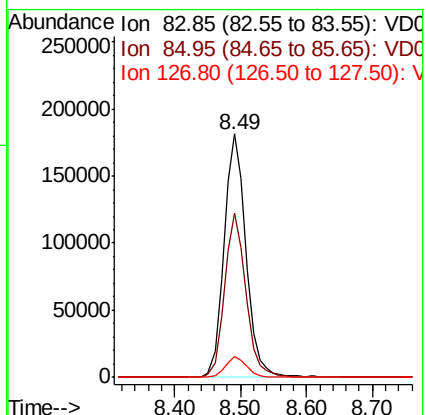
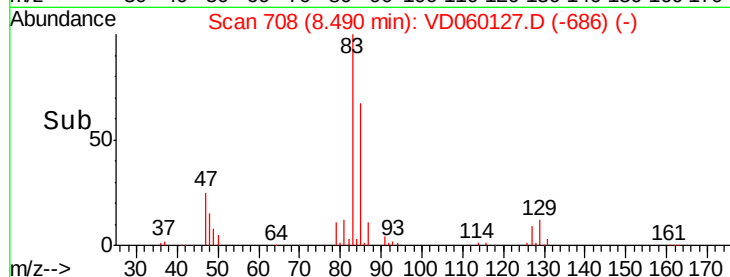
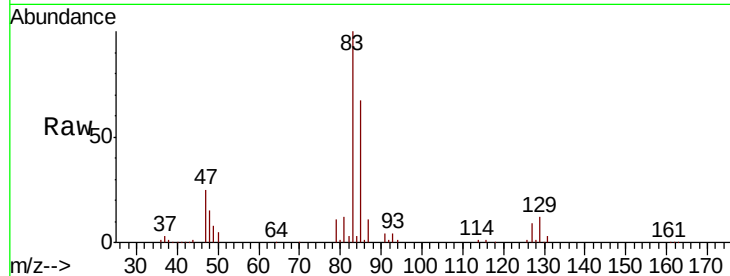
Tot Ion: 83 Resp: 423157

Ion Ratio Lower Upper

83 100

85 67.3 52.2 78.2

127 8.8 7.4 11.0



#48

Methyl methacrylate

Concen: 21.024 ug/l

RT: 8.24 min Scan# 683

Delta R.T. 0.02 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

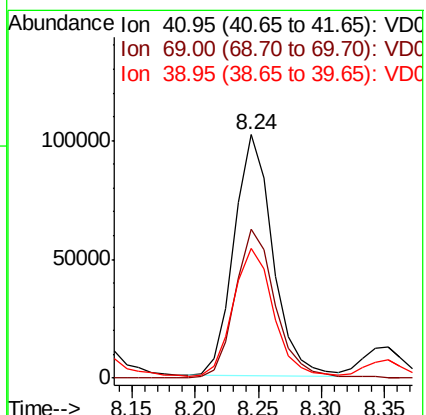
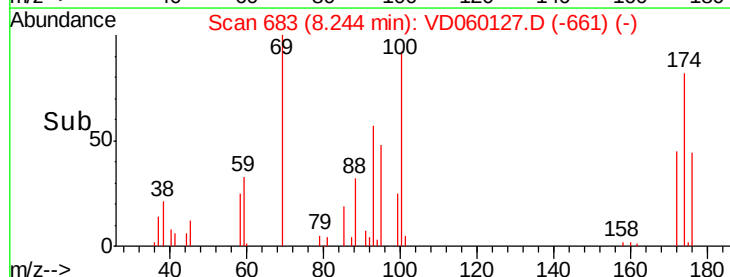
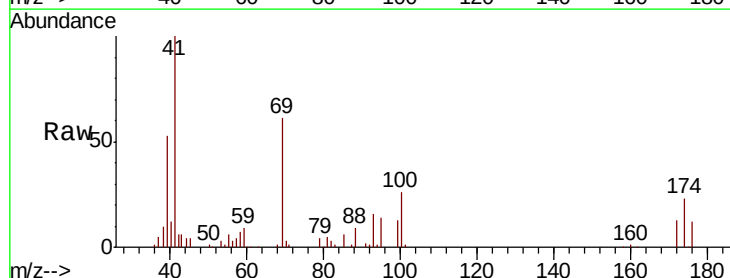
Tgt Ion: 41 Resp: 216591

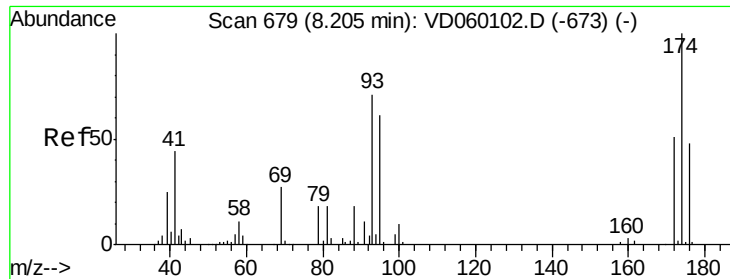
Ion Ratio Lower Upper

41 100

69 60.9 49.7 74.5

39 53.3 45.2 67.8





#49

1,4-Dioxane

Concen: 369.995 ug/l

RT: 8.23 min Scan# 682

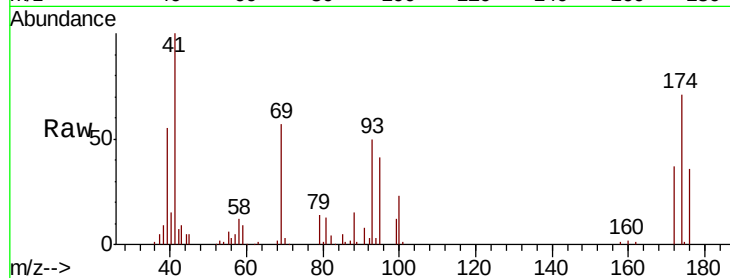
Delta R.T. 0.03 min

Lab File: VD060127.D

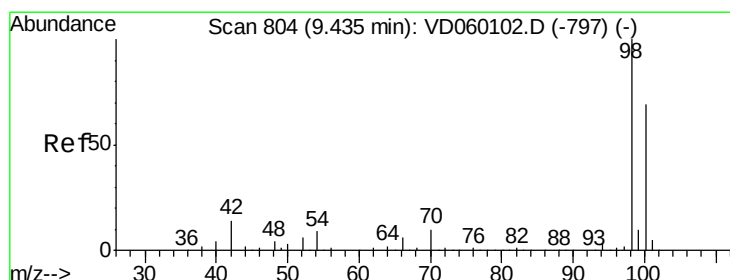
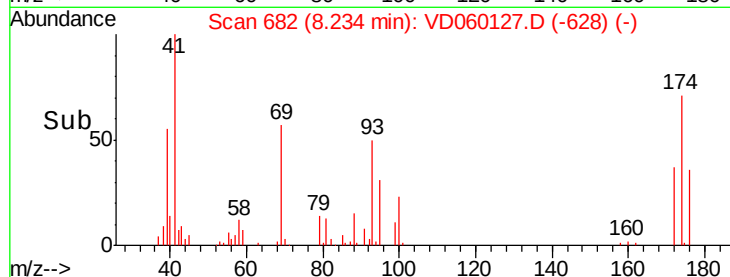
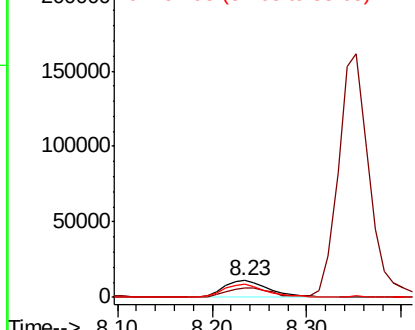
Acq: 4 Oct 2018 12:35

Tot Ion: 88 Resp: 37504

Ion	Ratio	Lower	Upper
88	100		
43	57.3	33.7	50.5#
58	81.2	49.1	73.7#



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: 369.995 ug/l

RT: 9.45 min Scan# 806

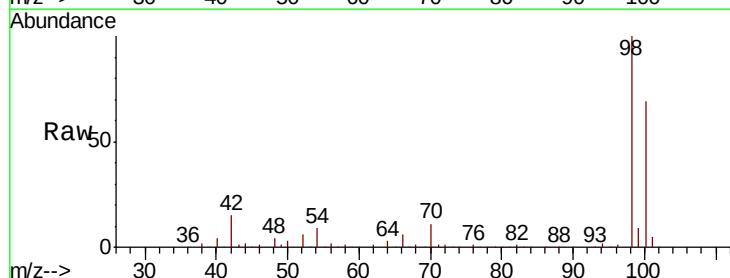
Delta R.T. 0.02 min

Lab File: VD060127.D

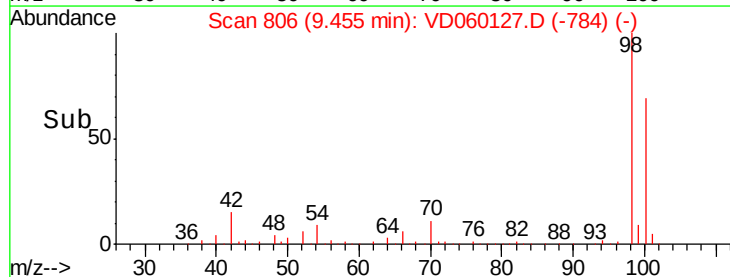
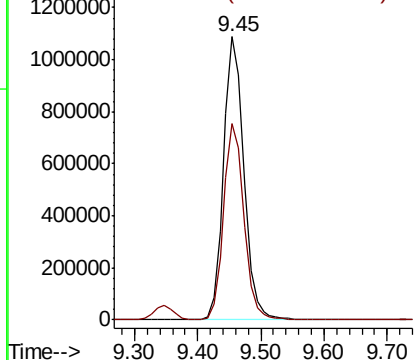
Acq: 4 Oct 2018 12:35

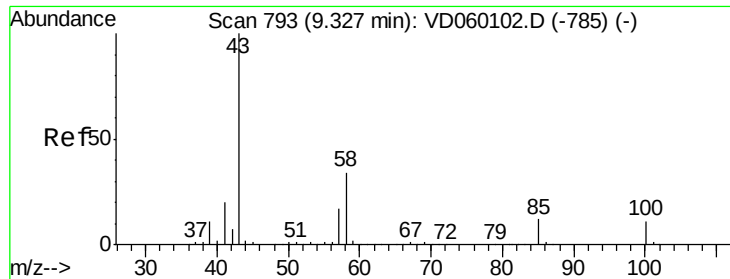
Tgt Ion: 98 Resp: 2436454

Ion	Ratio	Lower	Upper
98	100		
100	69.4	55.4	83.0



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: 103.377 ug/l

RT: 9.35 min Scan# 795

Delta R.T. 0.02 min

Lab File: VD060127.D

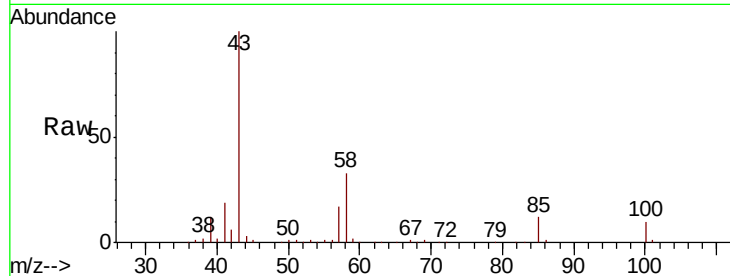
Acq: 4 Oct 2018 12:35

Tot Ion: 43 Resp: 1179259

Ion Ratio Lower Upper

43 100

58 32.9 27.2 40.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

600000

500000

400000

300000

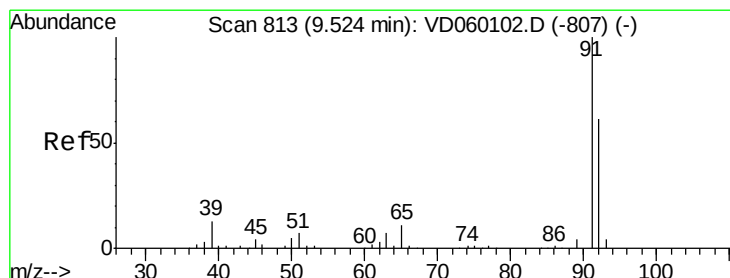
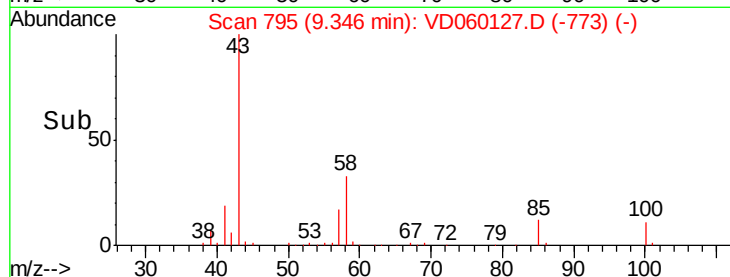
200000

100000

0

9.20 9.30 9.40

Time-->



#52

Toluene

Concen: 20.955 ug/l

RT: 9.55 min Scan# 816

Delta R.T. 0.03 min

Lab File: VD060127.D

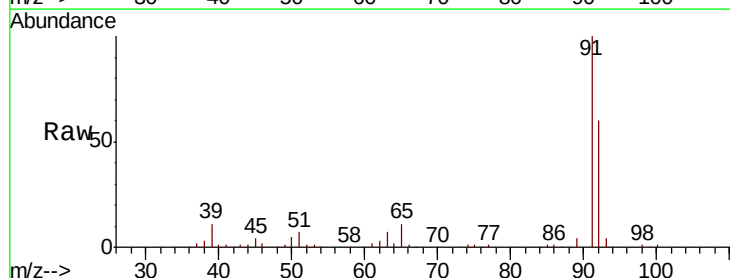
Acq: 4 Oct 2018 12:35

Tgt Ion: 92 Resp: 731243

Ion Ratio Lower Upper

92 100

91 167.0 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

600000

500000

400000

300000

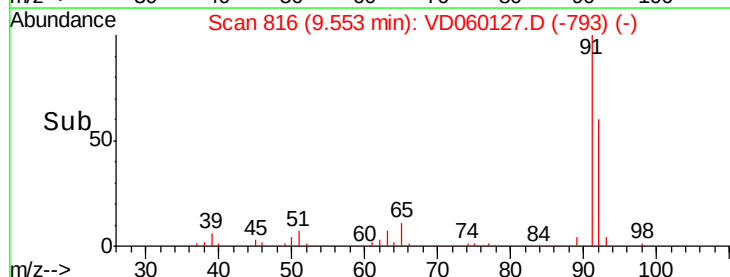
200000

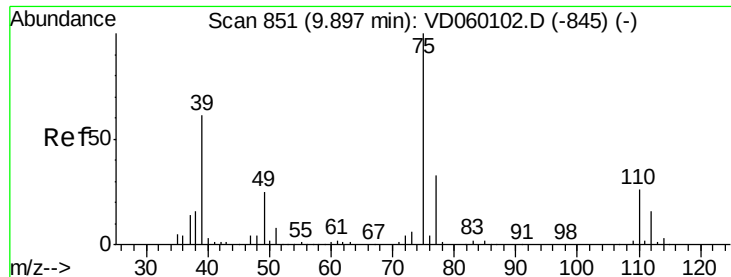
100000

0

9.40 9.50 9.60 9.70

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.407 ug/l

RT: 9.92 min Scan# 853

Delta R.T. 0.02 min

Lab File: VD060127.D

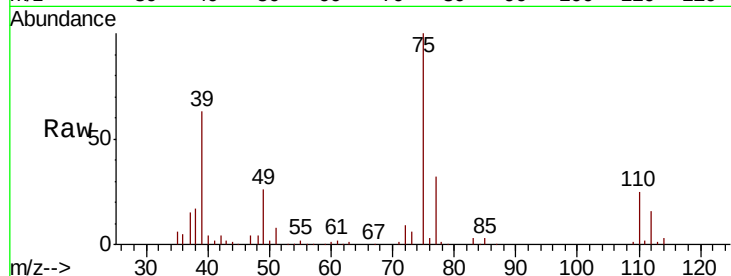
Acq: 4 Oct 2018 12:35

Tot Ion: 75 Resp: 379091

Ion Ratio Lower Upper

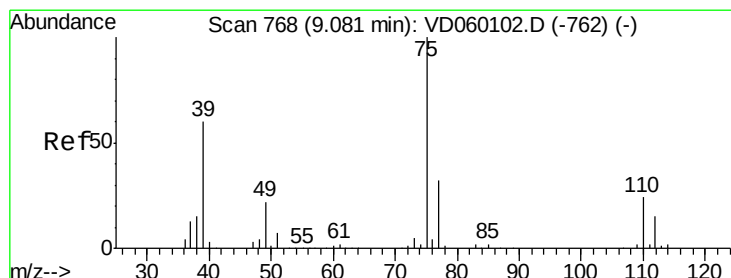
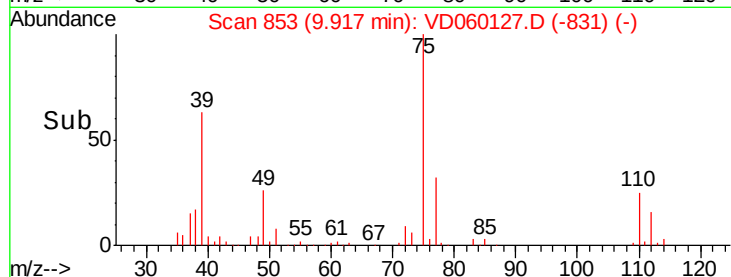
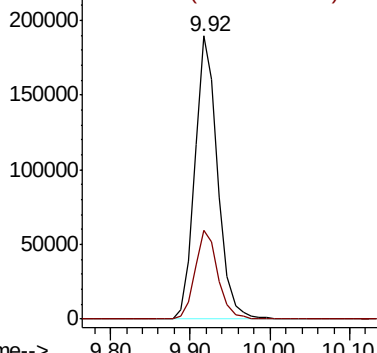
75 100

77 31.6 26.2 39.2



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: 21.486 ug/l

RT: 9.10 min Scan# 770

Delta R.T. 0.02 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

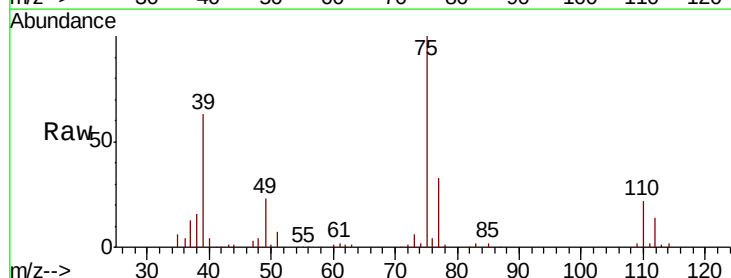
Tgt Ion: 75 Resp: 469863

Ion Ratio Lower Upper

75 100

77 32.6 25.7 38.5

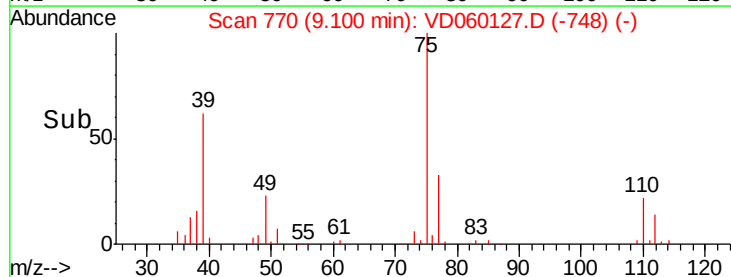
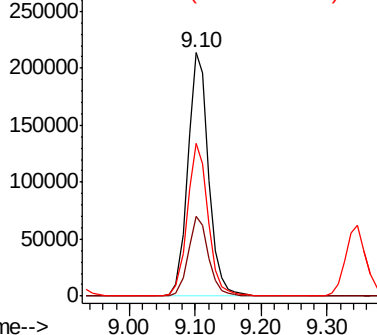
39 62.8 48.2 72.4

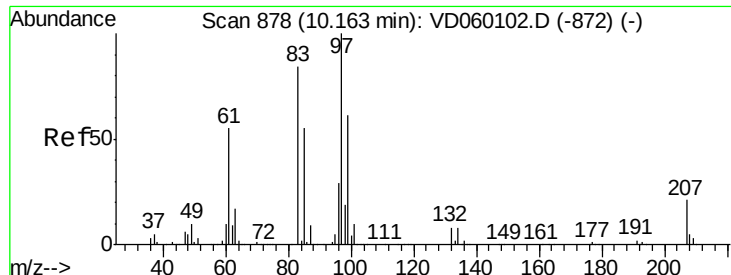


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

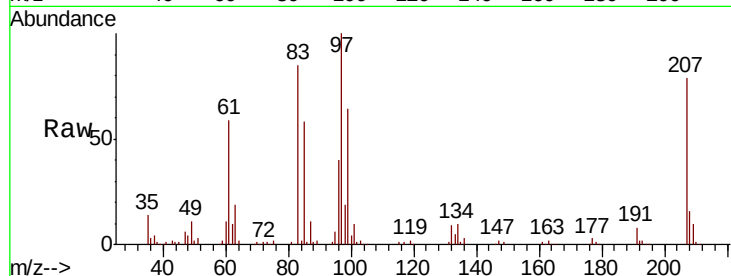
Ion 38.95 (38.65 to 39.65): VDC



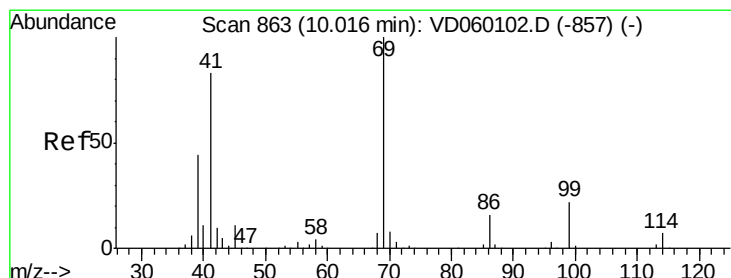
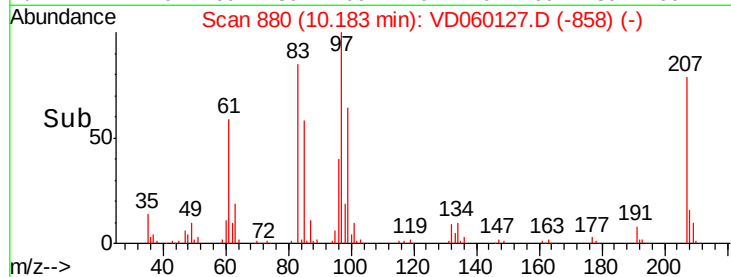
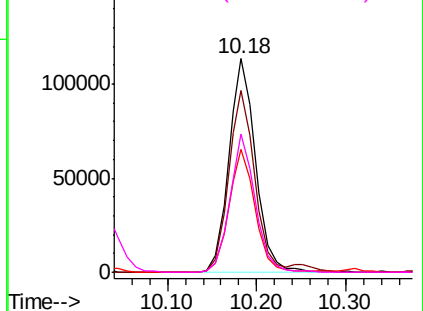


#55
 1,1,2-Trichloroethane
 Concen: 20.852 ug/l
 RT: 10.18 min Scan# 880
 Delta R.T. 0.02 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tot Ion:	97	Resp:	237875
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.0	100.6
85	57.5	43.9	65.9
99	64.5	49.1	73.7

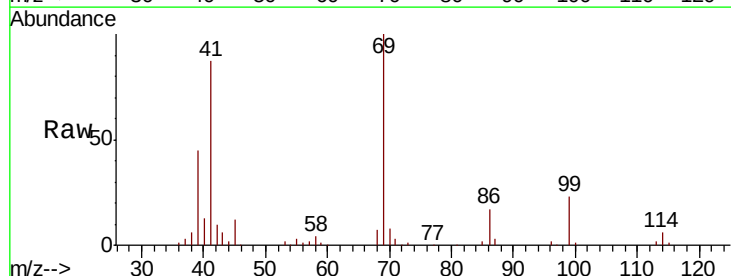


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

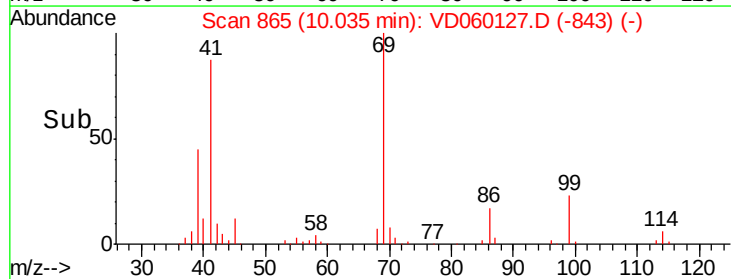
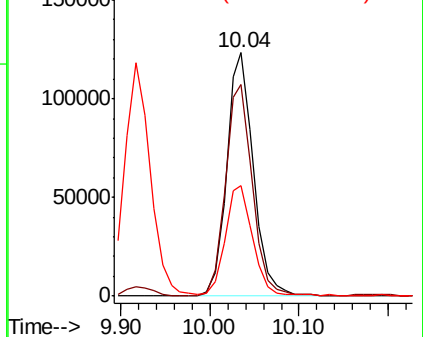


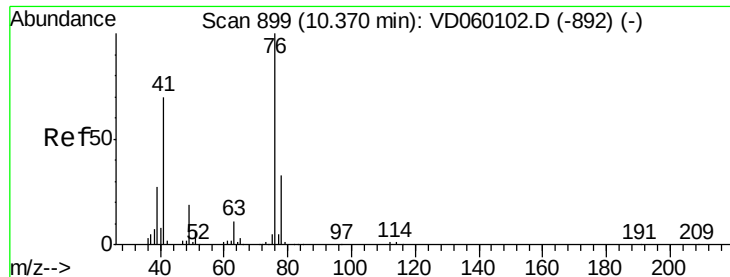
#56
 Ethyl methacrylate
 Concen: 20.510 ug/l
 RT: 10.04 min Scan# 865
 Delta R.T. 0.02 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tgt Ion:	69	Resp:	258282
Ion	Ratio	Lower	Upper
69	100		
41	86.9	66.6	100.0
39	45.2	36.0	54.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 20.760 ug/l

RT: 10.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD060127.D

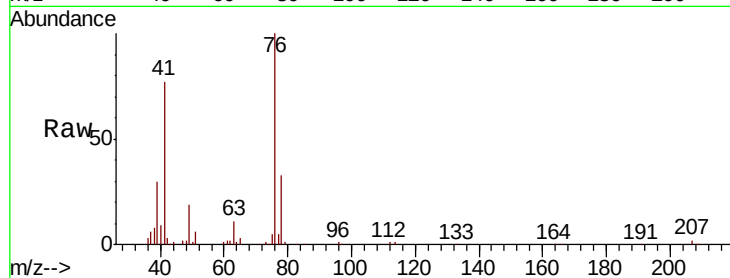
Acq: 4 Oct 2018 12:35

Tot Ion: 76 Resp: 361189

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

200000

150000

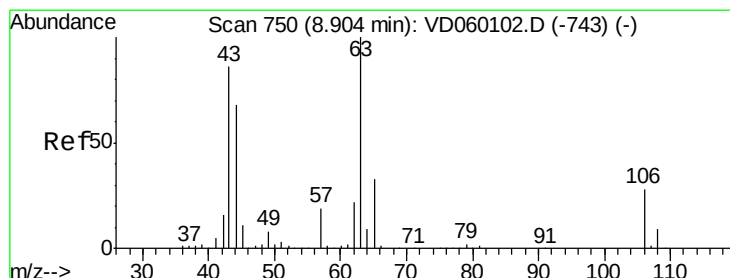
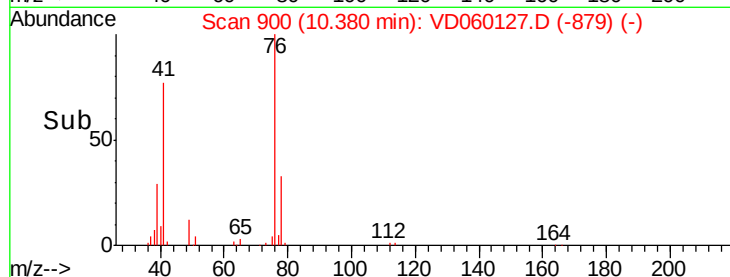
100000

50000

0

10.30 10.38 10.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 108.260 ug/l

RT: 8.92 min Scan# 752

Delta R.T. 0.02 min

Lab File: VD060127.D

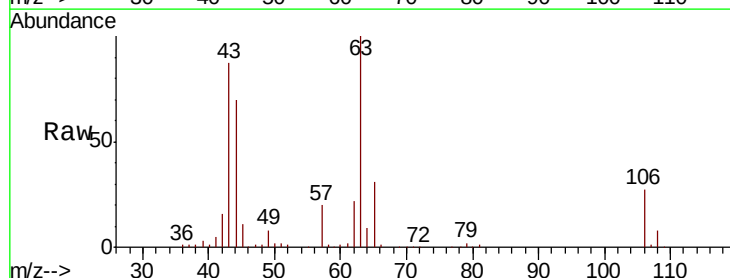
Acq: 4 Oct 2018 12:35

Tgt Ion: 63 Resp: 757047

Ion Ratio Lower Upper

63 100

106 26.7 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

400000

300000

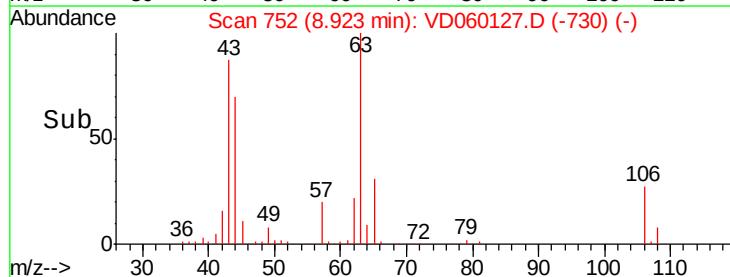
200000

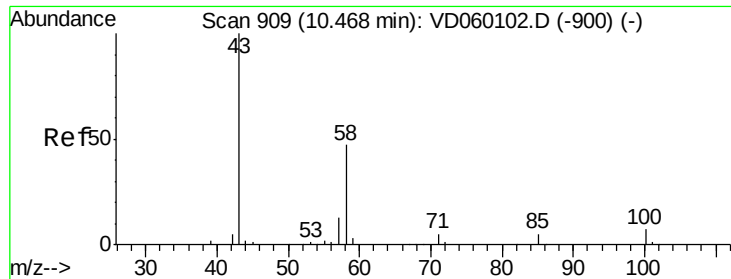
100000

0

8.80 8.92 9.00 9.10

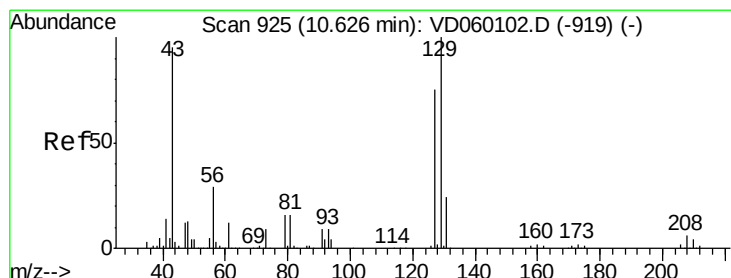
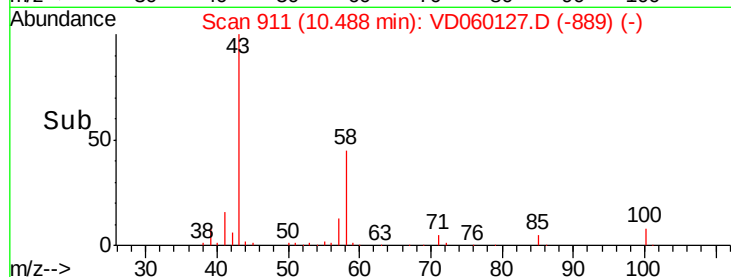
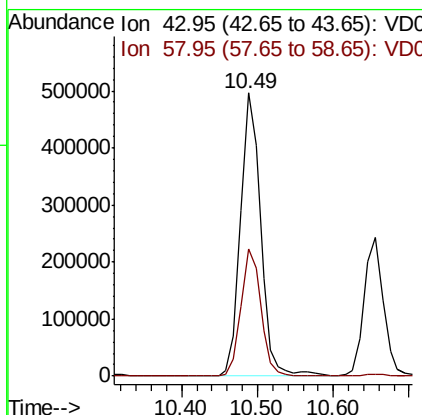
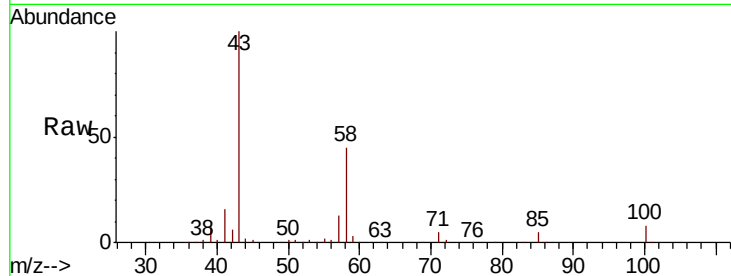
Time-->





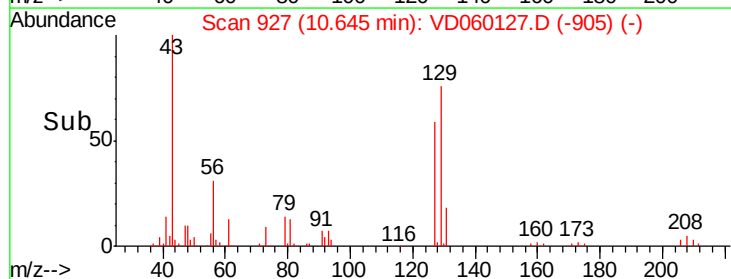
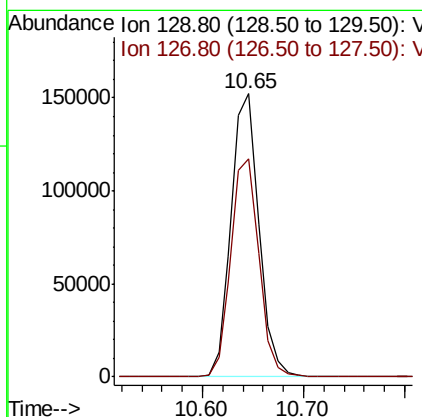
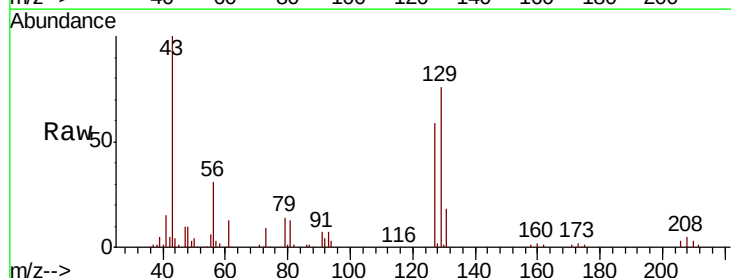
#59
2-Hexanone
Concen: 111.497 ug/l
RT: 10.49 min Scan# 911
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

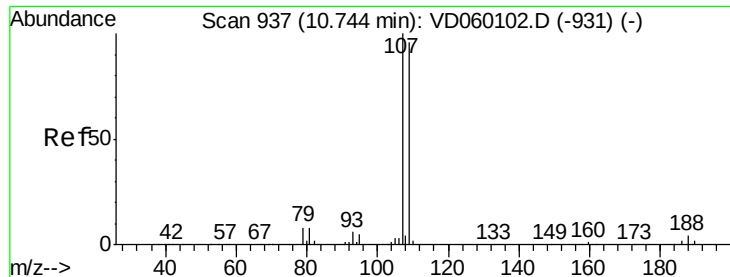
Tot Ion: 43 Resp: 914584
Ion Ratio Lower Upper
43 100
58 45.2 23.3 69.9



#60
Dibromochloromethane
Concen: 20.873 ug/l
RT: 10.65 min Scan# 927
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion: 129 Resp: 292160
Ion Ratio Lower Upper
129 100
127 77.3 37.4 112.2





#61

1,2-Dibromoethane

Concen: 20.703 ug/l

RT: 10.76 min Scan# 939

Delta R.T. 0.02 min

Lab File: VD060127.D

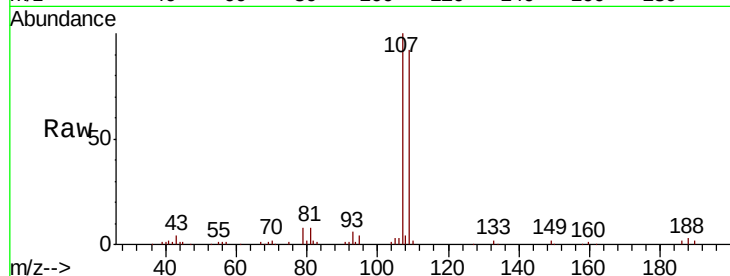
Acq: 4 Oct 2018 12:35

Tot Ion: 107 Resp: 250945

Ion Ratio Lower Upper

107 100

109 92.3 77.1 115.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

10.76

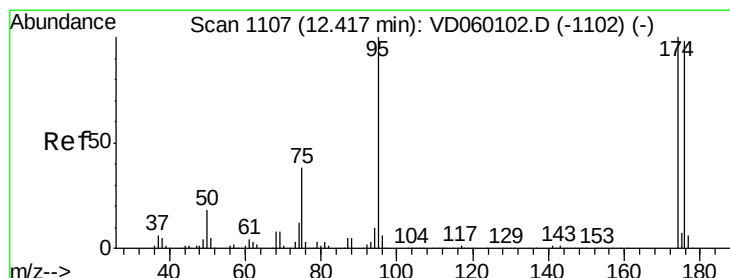
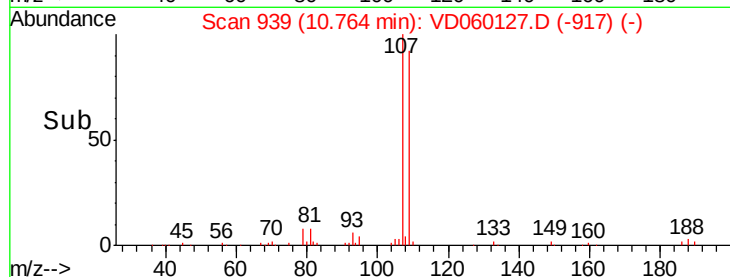
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 20.703 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

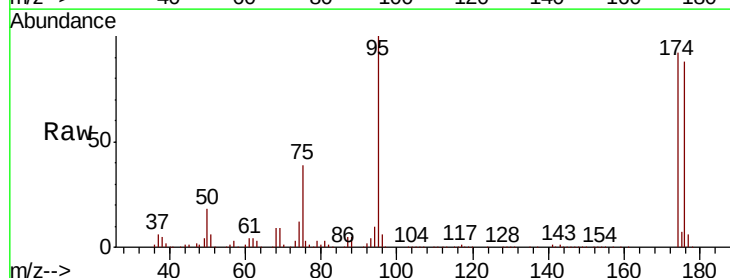
Tgt Ion: 95 Resp: 941991

Ion Ratio Lower Upper

95 100

174 91.6 0.0 200.2

176 88.2 0.0 195.6



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

800000

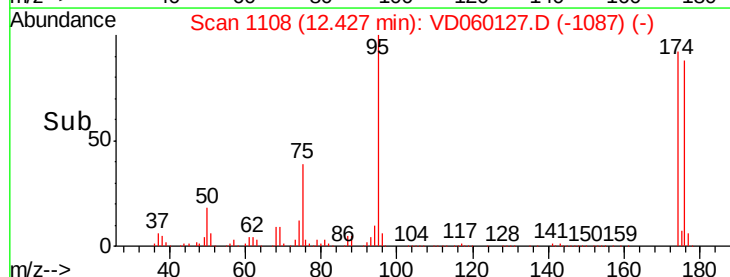
600000

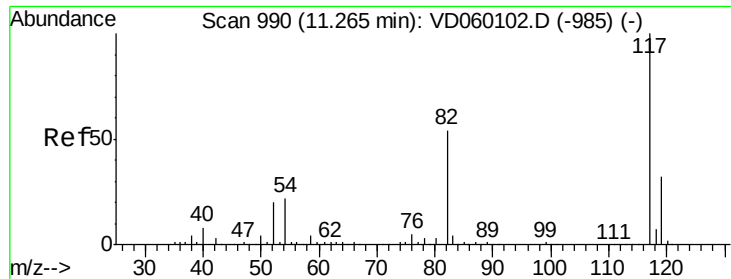
400000

200000

0

Time-->

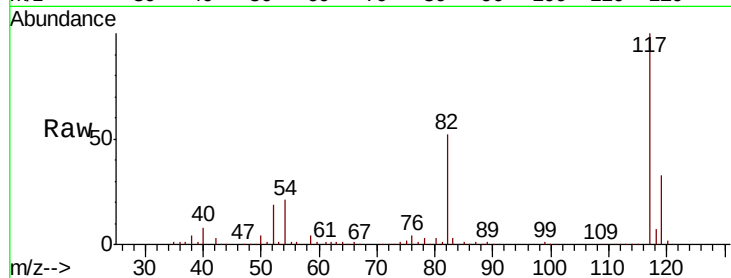




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tot Ion:117 Resp: 1797359

Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.4	65.2
119	32.6	26.0	39.0

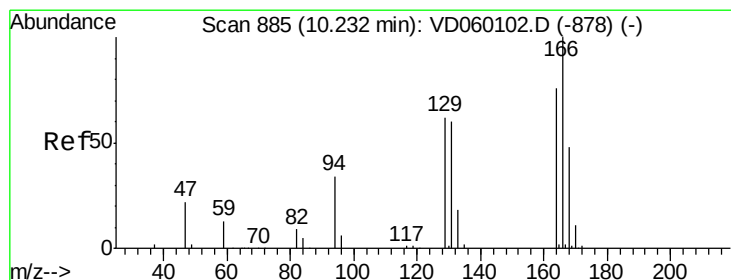
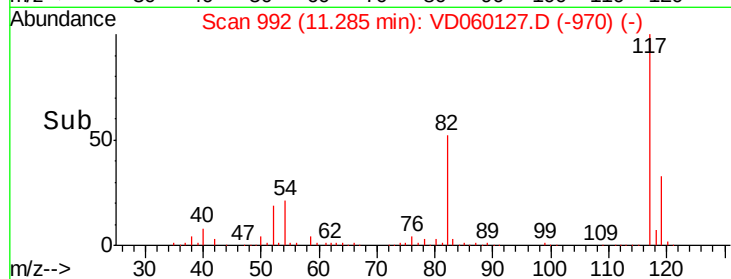
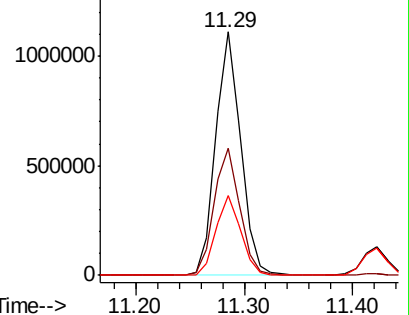


Abundance

Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

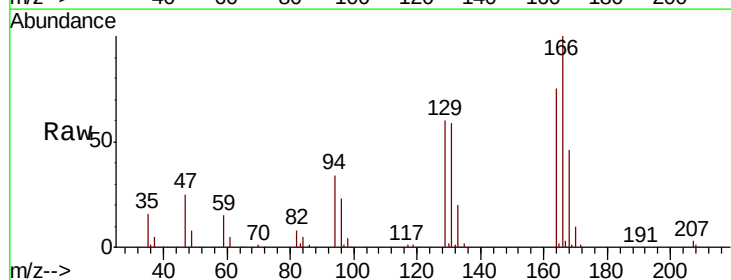
Ion 118.95 (118.65 to 119.65): V



#64
Tetrachloroethene
Concen: 20.269 ug/l
RT: 10.25 min Scan# 887
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion:164 Resp: 319073

Ion	Ratio	Lower	Upper
164	100		
166	132.9	105.4	158.0
129	79.5	65.7	98.5
131	78.2	62.9	94.3



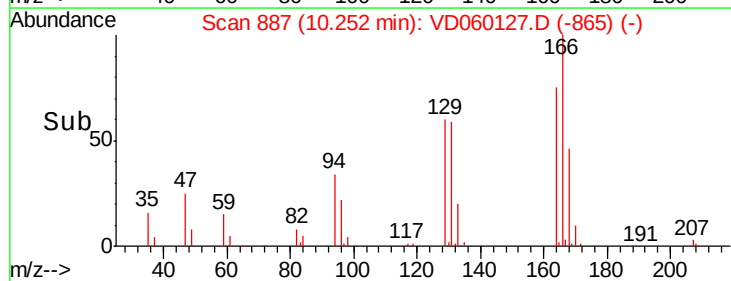
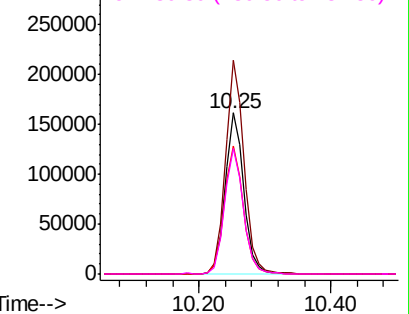
Abundance

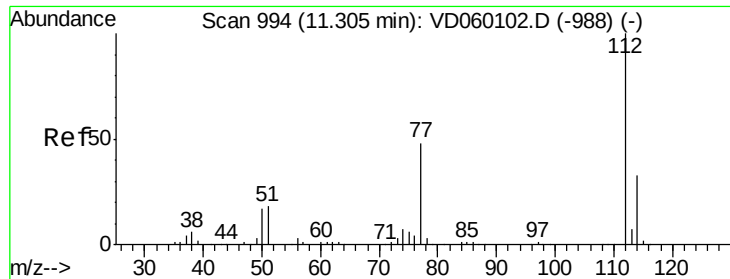
Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

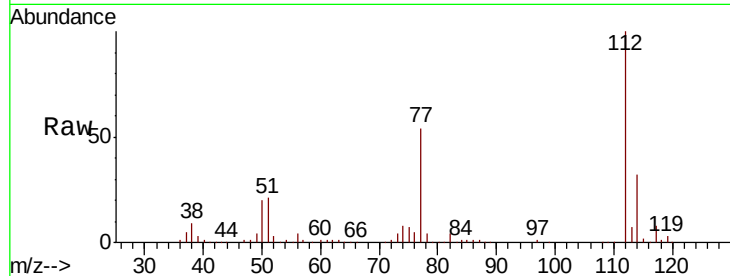
Ion 130.80 (130.50 to 131.50): V



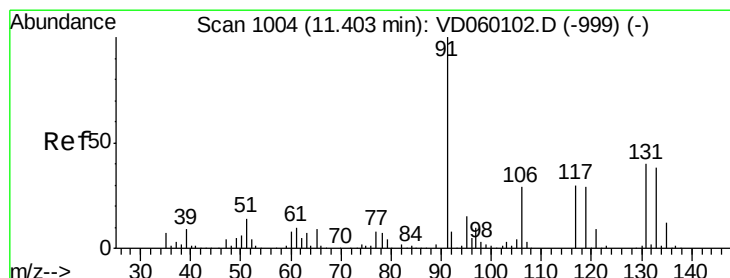
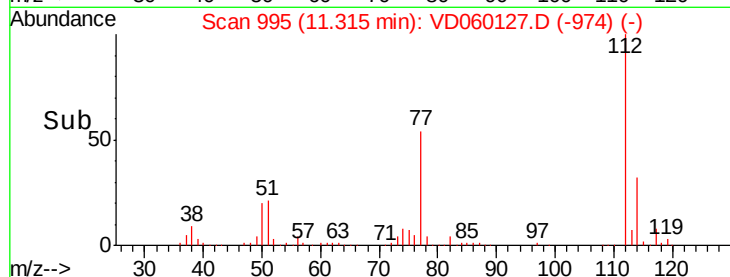
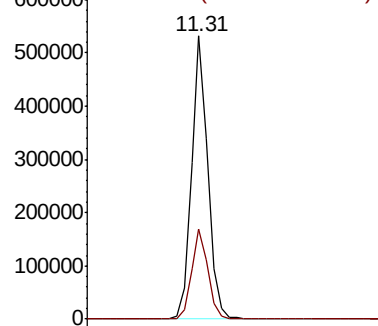


#65
Chlorobenzene
Concen: 20.614 ug/l
RT: 11.31 min Scan# 995
Delta R.T. 0.01 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tot Ion:112 Resp: 801525
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0

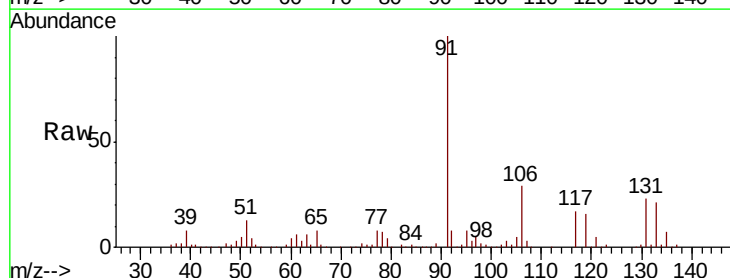


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

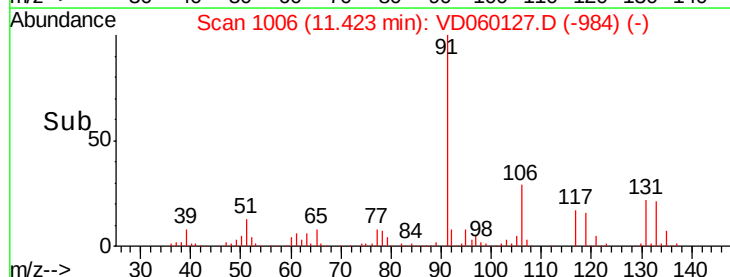
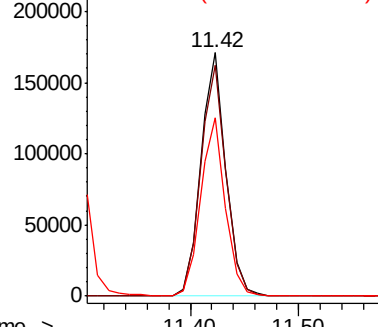


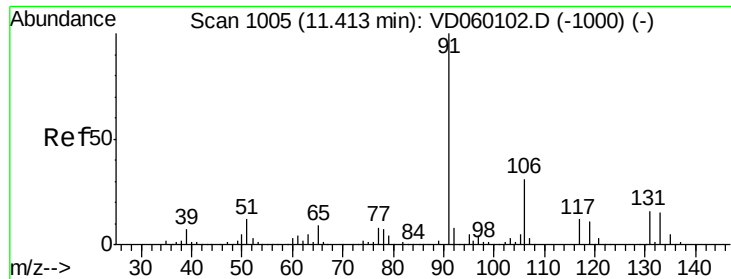
#66
1,1,1,2-Tetrachloroethane
Concen: 21.045 ug/l
RT: 11.42 min Scan# 1006
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion:131 Resp: 272986
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.3
119 73.2 36.1 108.3



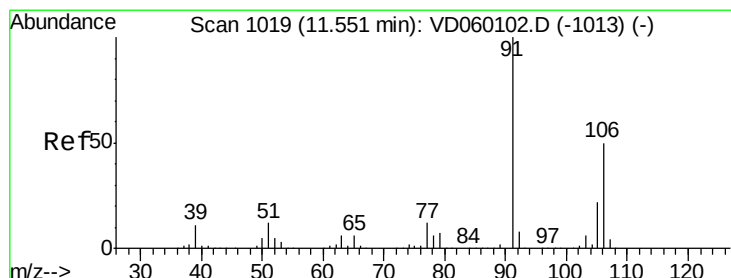
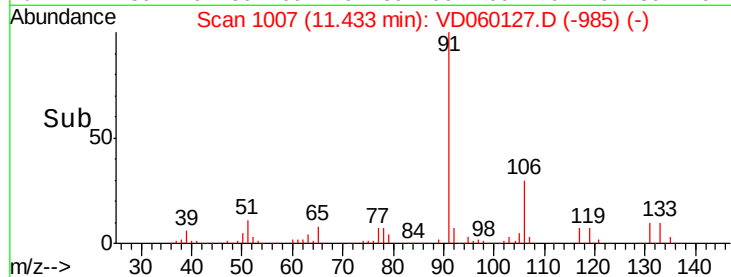
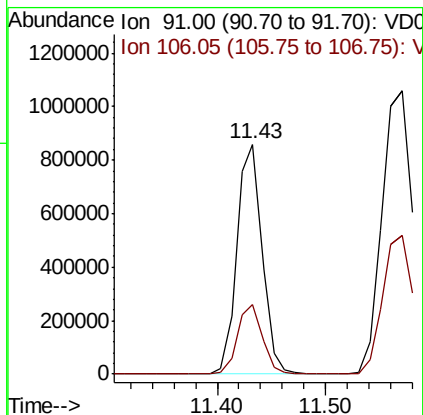
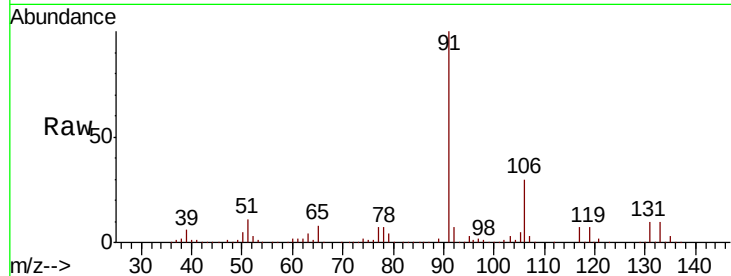
Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V





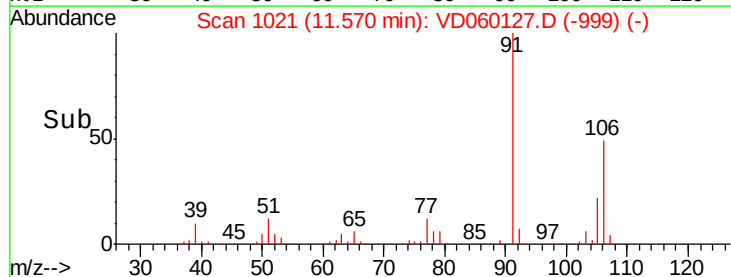
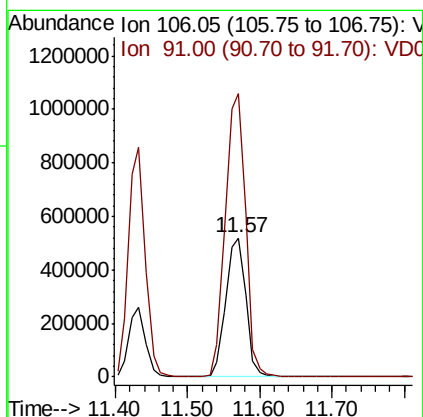
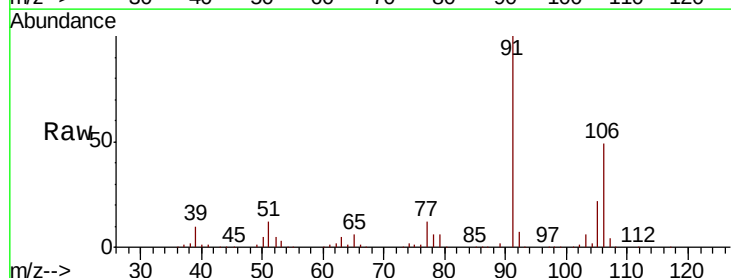
#67
Ethyl Benzene
Concen: 22.092 ug/l
RT: 11.43 min Scan# 1007
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

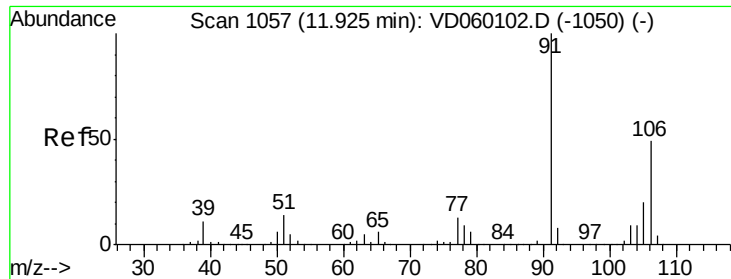
Tot Ion: 91 Resp: 1391780
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 42.591 ug/l
RT: 11.57 min Scan# 1021
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

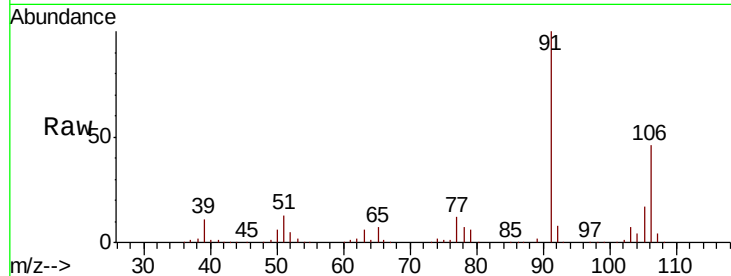
Tgt Ion: 106 Resp: 1002522
Ion Ratio Lower Upper
106 100
91 203.7 160.0 240.0



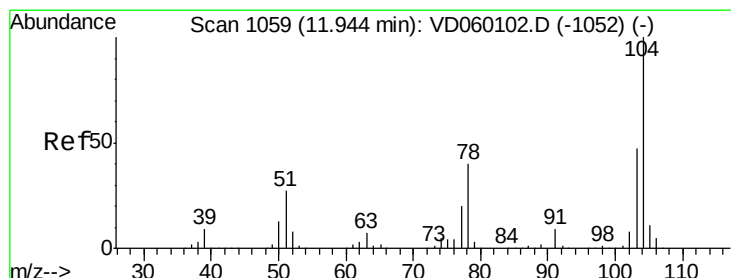
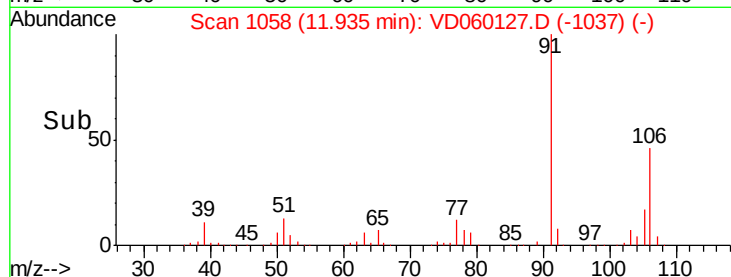
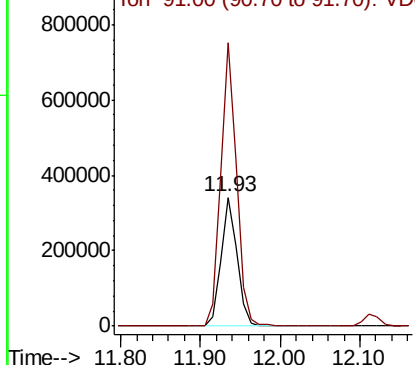


#69
o-Xylene
Concen: 20.999 ug/l
RT: 11.93 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tot Ion:106 Resp: 488923
Ion Ratio Lower Upper
106 100
91 219.5 102.5 307.5

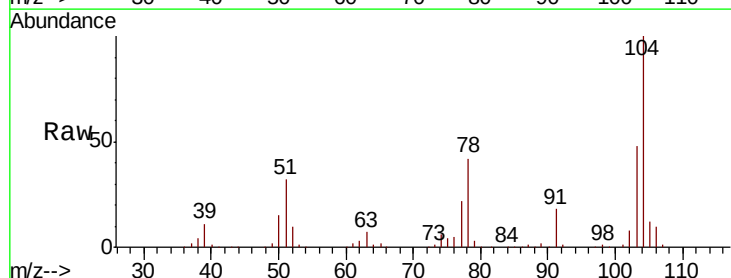


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

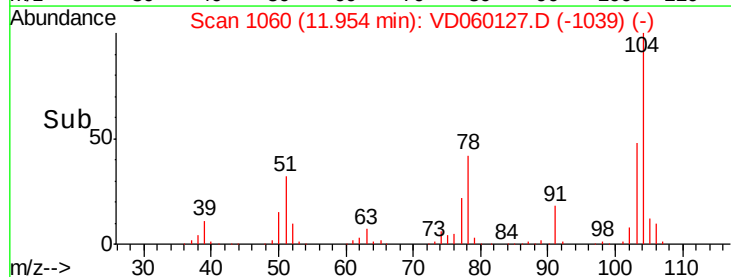
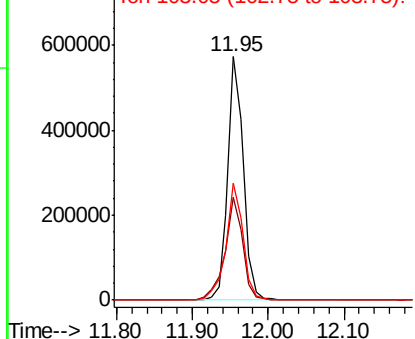


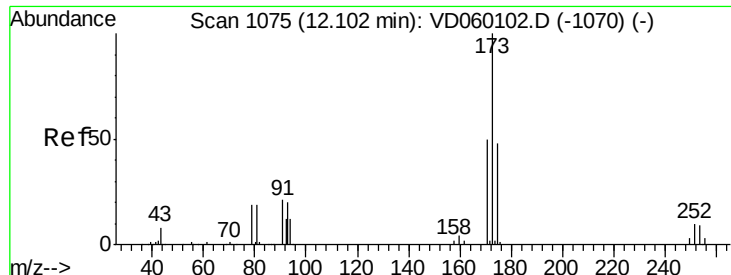
#70
Styrene
Concen: 20.965 ug/l
RT: 11.95 min Scan# 1060
Delta R.T. 0.01 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion:104 Resp: 816306
Ion Ratio Lower Upper
104 100
78 42.4 32.2 48.4
103 48.0 37.4 56.0



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





#71

Bromoform

Concen: 19.746 ug/l

RT: 12.12 min Scan# 1077

Delta R.T. 0.02 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

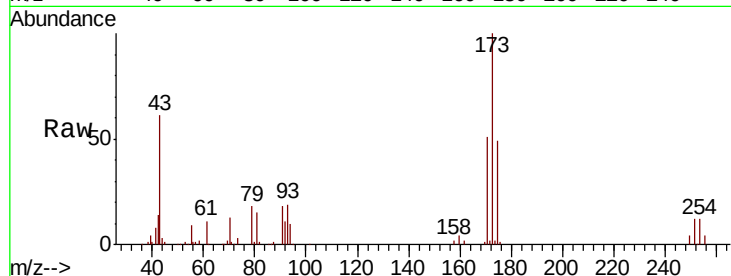
Tot Ion:173 Resp: 207406

Ion Ratio Lower Upper

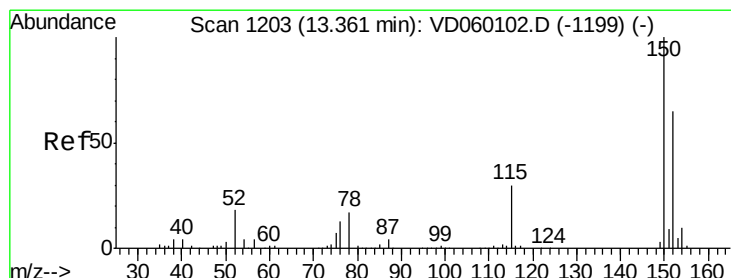
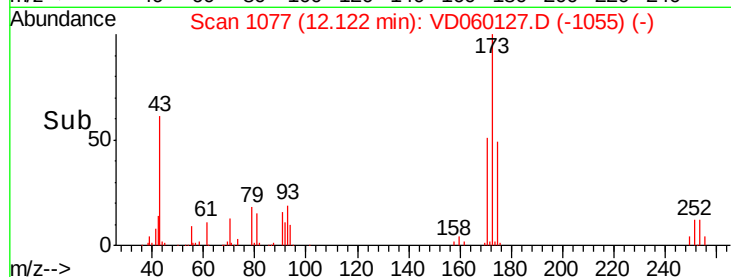
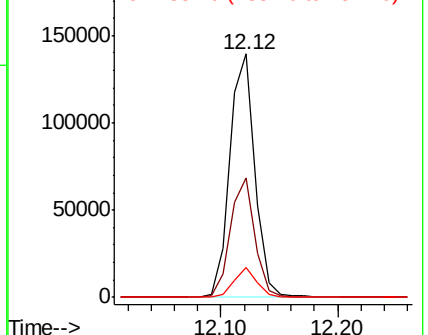
173 100

175 48.8 24.1 72.4

254 12.1 7.4 11.0#



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: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

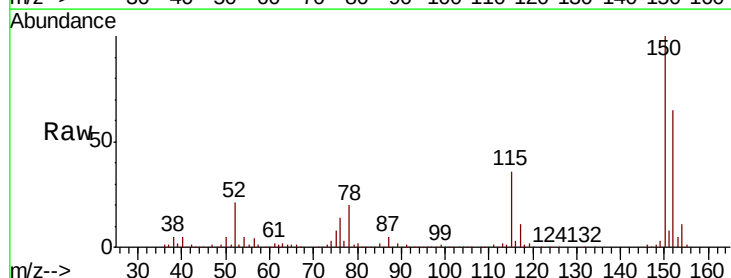
Tgt Ion:152 Resp: 941980

Ion Ratio Lower Upper

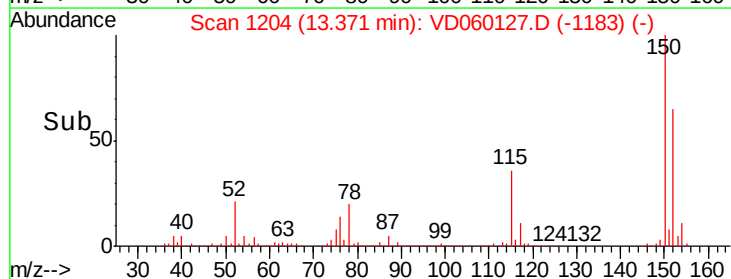
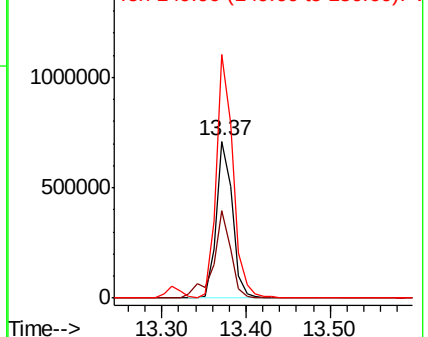
152 100

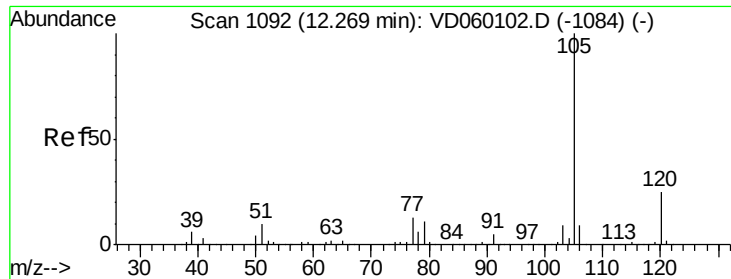
115 55.6 27.1 81.2

150 154.9 0.0 311.8



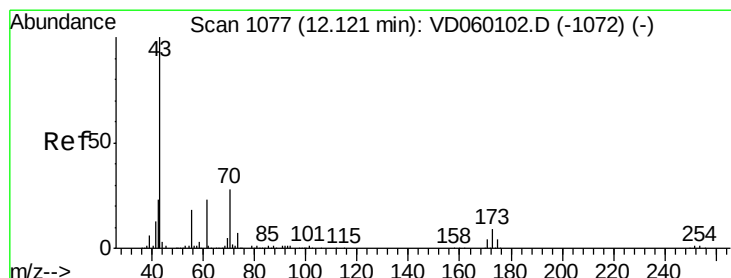
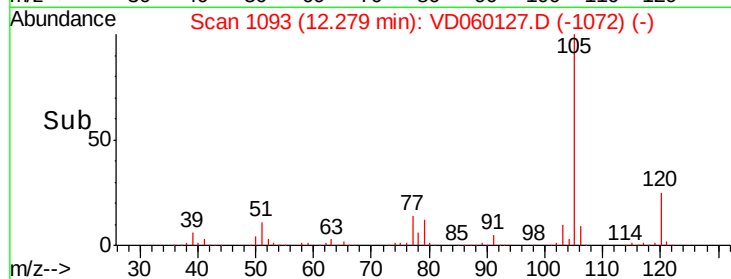
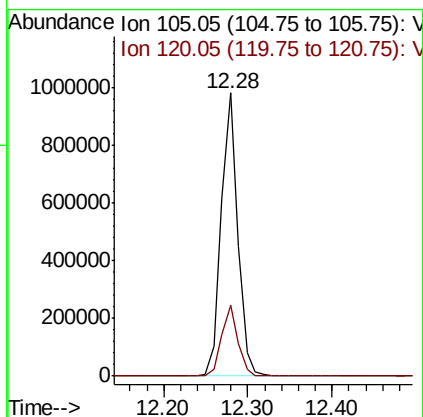
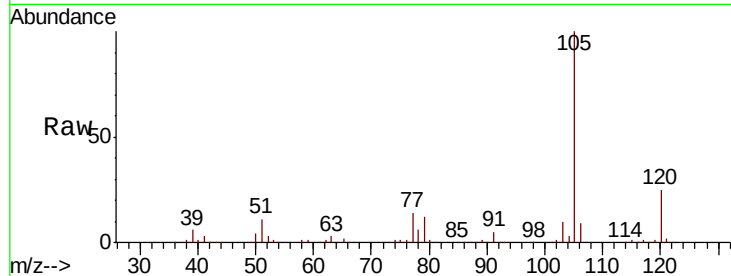
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





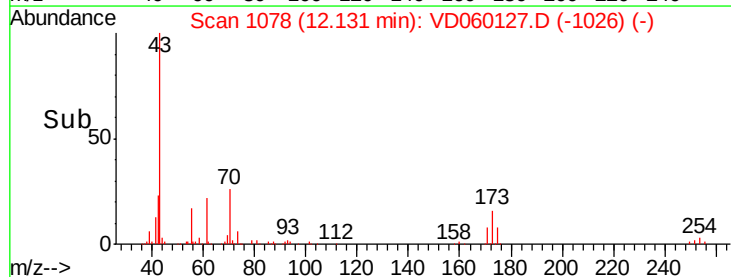
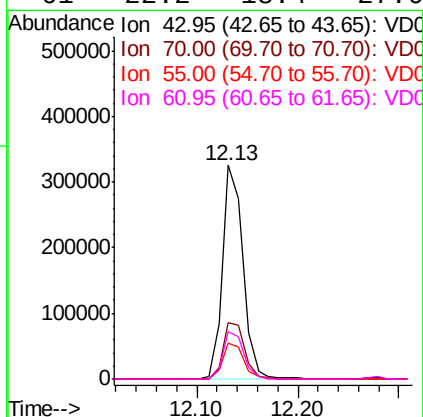
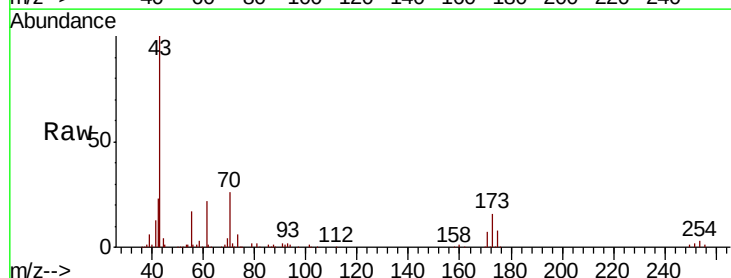
#73
Isopropylbenzene
Concen: 21.520 ug/l
RT: 12.28 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

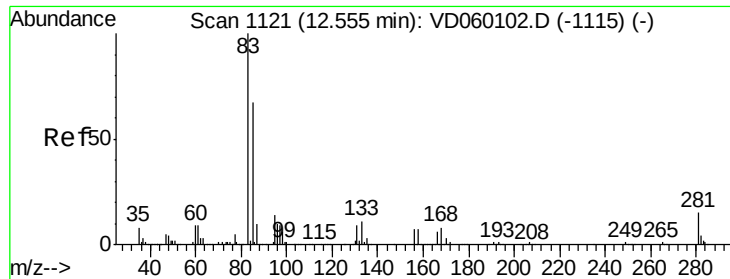
Tot Ion:105 Resp: 1337361
Ion Ratio Lower Upper
105 100
120 25.0 12.6 37.6



#74
N-ethyl acetate
Concen: 20.233 ug/l
RT: 12.13 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion: 43 Resp: 460563
Ion Ratio Lower Upper
43 100
70 26.4 22.1 33.1
55 17.0 14.1 21.1
61 22.2 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.622 ug/l

RT: 12.56 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

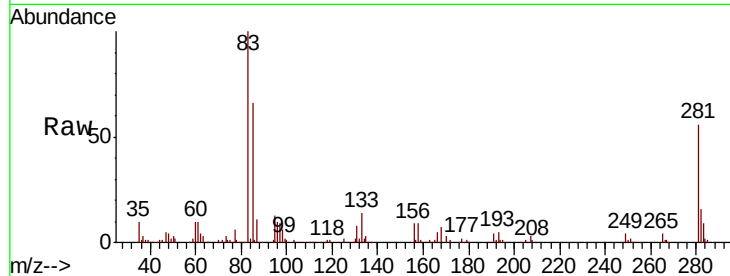
Tot Ion: 83 Resp: 279773

Ion Ratio Lower Upper

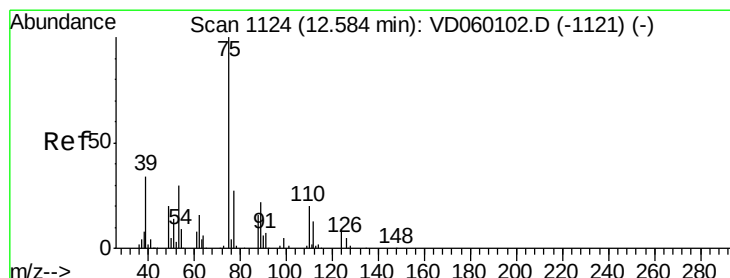
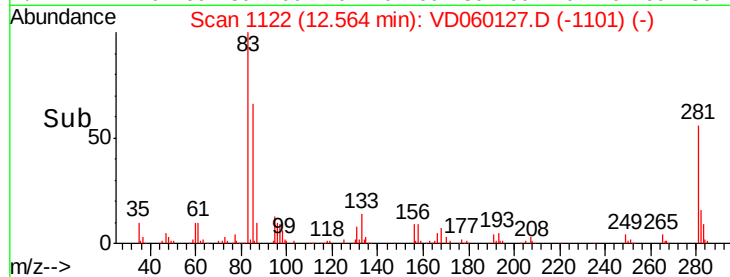
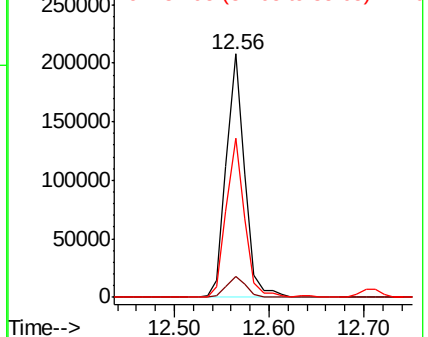
83 100

131 8.4 4.5 13.4

85 65.5 33.3 99.9



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: 20.167 ug/l

RT: 12.59 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VD060127.D

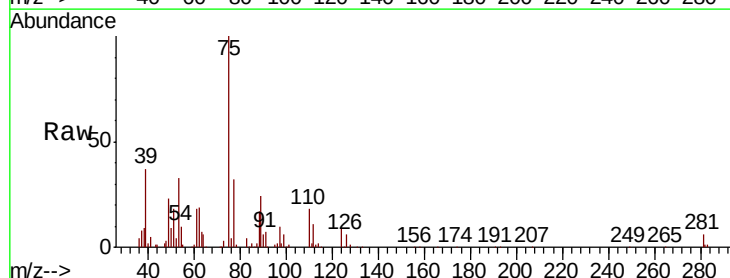
Acq: 4 Oct 2018 12:35

Tgt Ion: 75 Resp: 273580

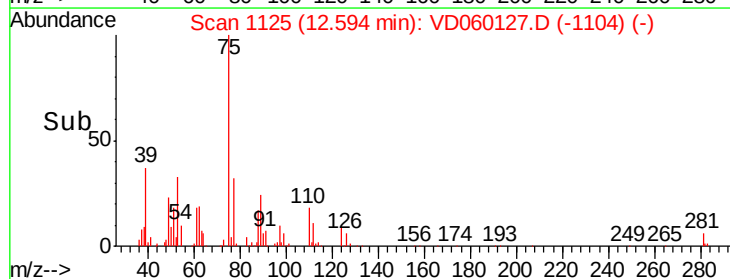
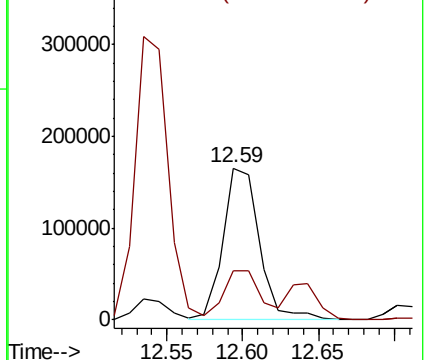
Ion Ratio Lower Upper

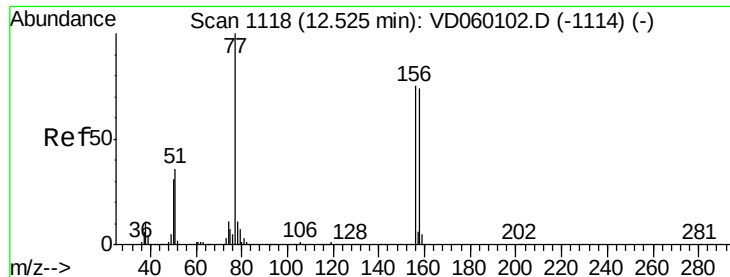
75 100

77 32.2 16.3 48.9



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





#77

Bromobenzene

Concen: 20.838 ug/l

RT: 12.54 min Scan# 1120

Delta R.T. 0.02 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

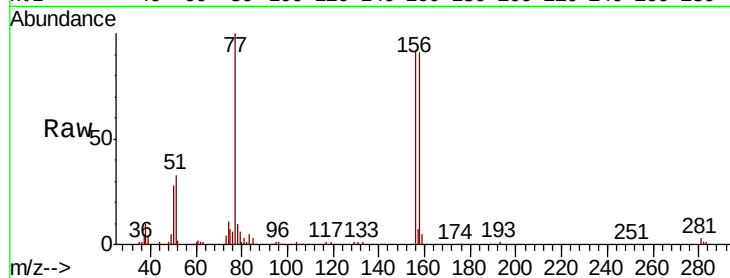
Tot Ion:156 Resp: 376307

Ion Ratio Lower Upper

156 100

77 109.1 66.9 200.7

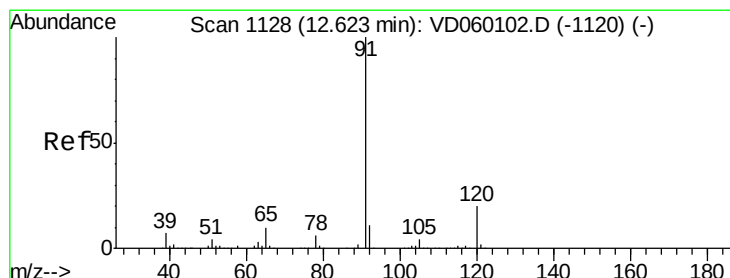
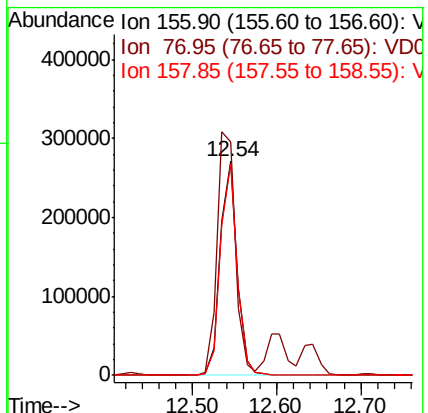
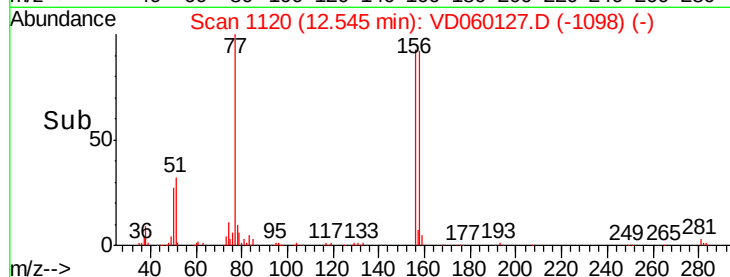
158 99.0 49.1 147.4



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: 22.157 ug/l

RT: 12.64 min Scan# 1130

Delta R.T. 0.02 min

Lab File: VD060127.D

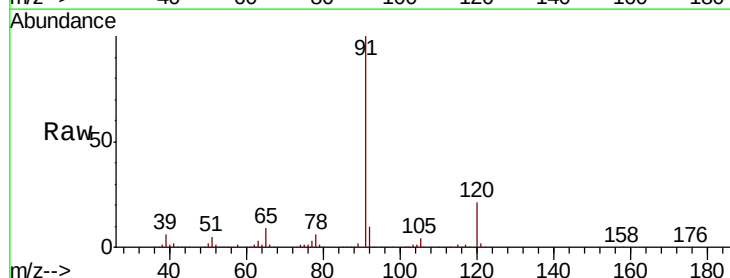
Acq: 4 Oct 2018 12:35

Tgt Ion: 91 Resp: 1709764

Ion Ratio Lower Upper

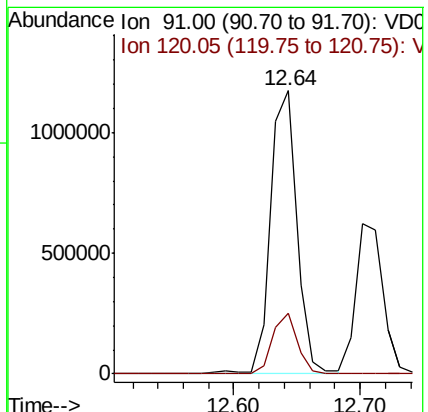
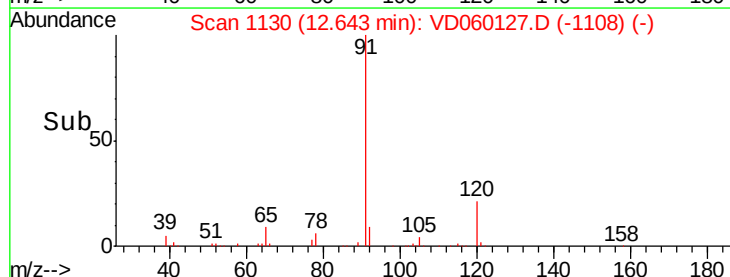
91 100

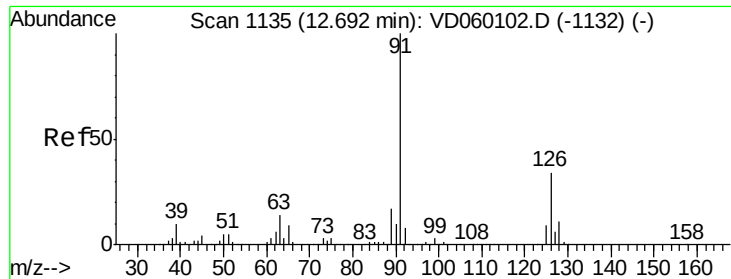
120 21.3 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): V

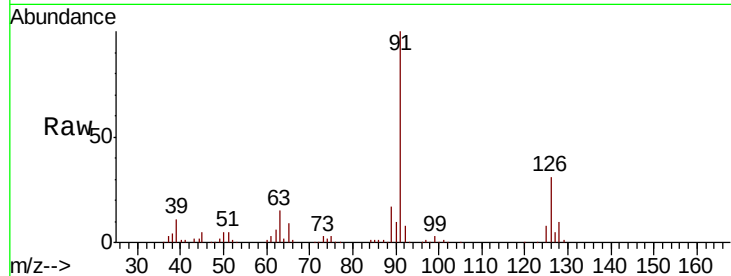
Ion 120.05 (119.75 to 120.75): V



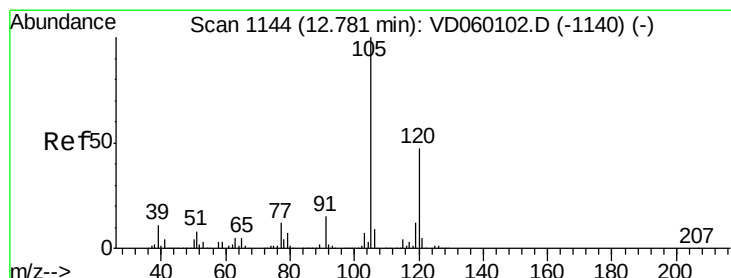
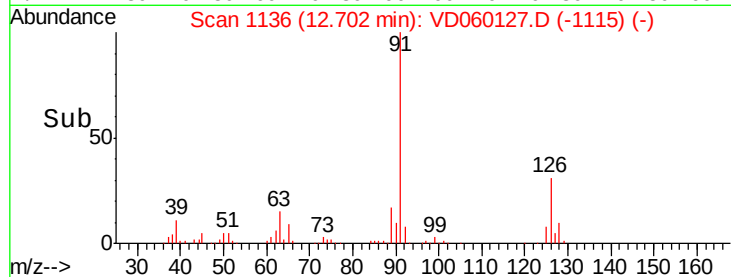
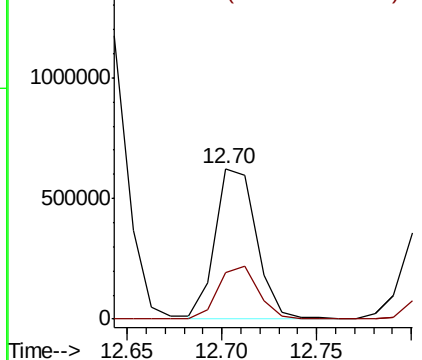


#79
 2-Chlorotoluene
 Concen: 21.703 ug/l
 RT: 12.70 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tot Ion: 91 Resp: 929458
 Ion Ratio Lower Upper
 91 100
 126 30.8 16.8 50.3

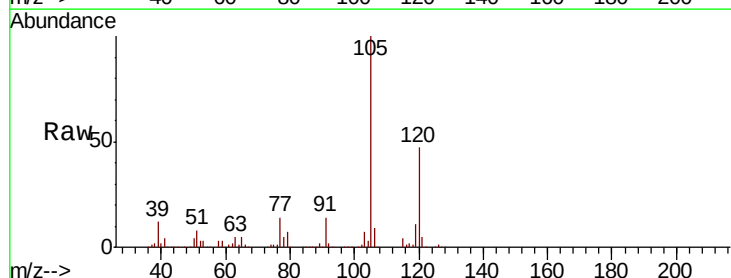


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

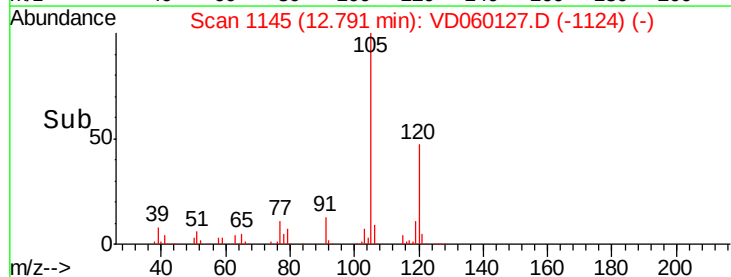
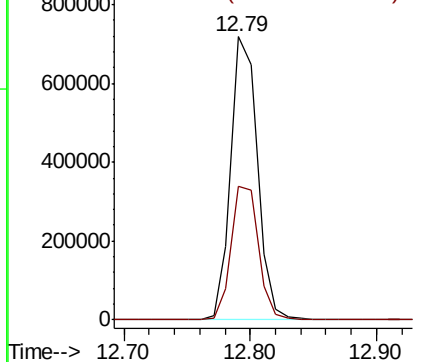


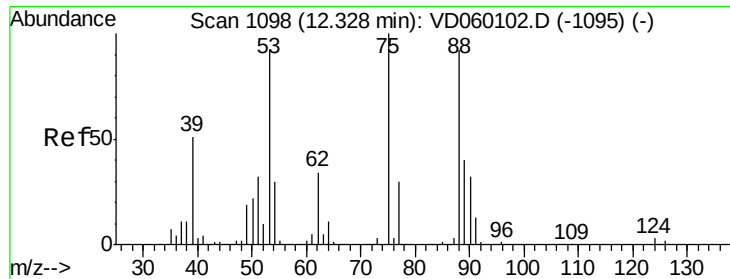
#80
 1,3,5-Trimethylbenzene
 Concen: 21.672 ug/l
 RT: 12.79 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tgt Ion: 105 Resp: 1042359
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.7 71.1



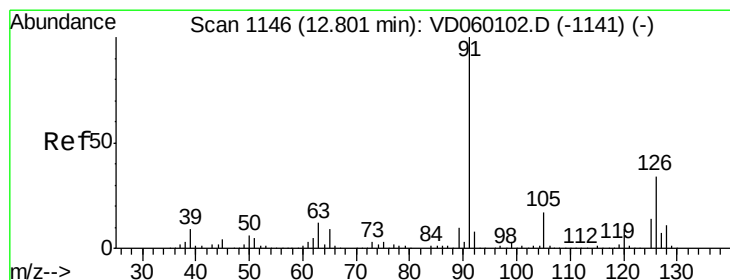
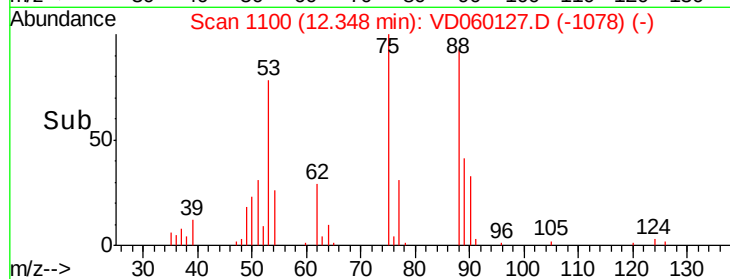
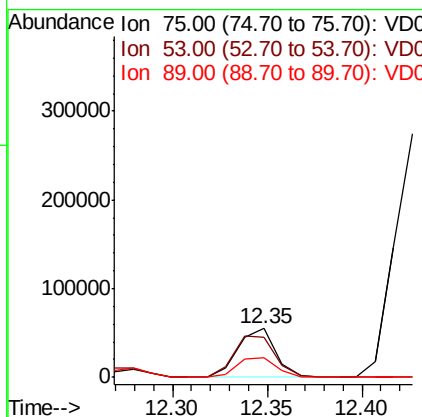
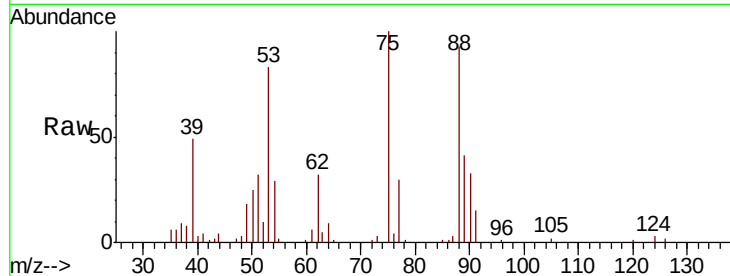
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





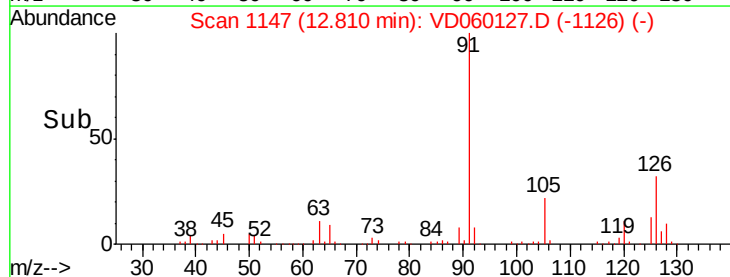
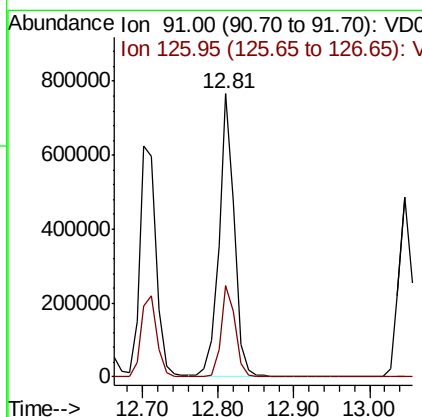
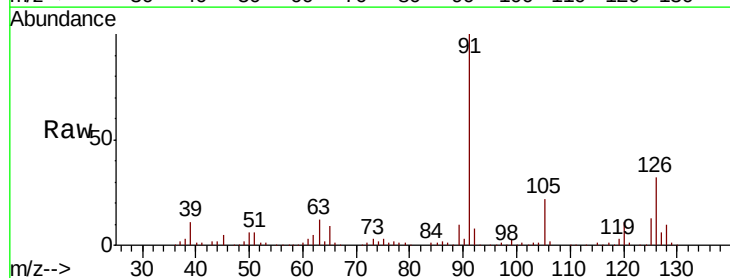
#81
trans-1,4-Dichloro-2-butene
Concen: 19.899 ug/l
RT: 12.35 min Scan# 1100
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

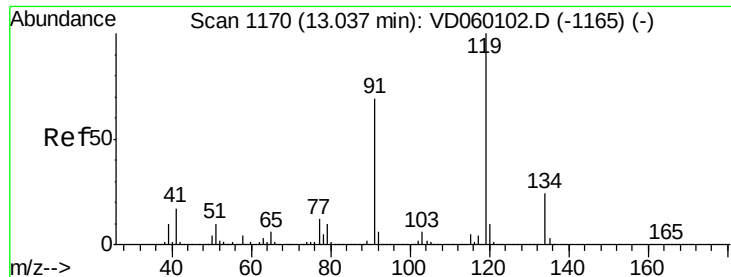
Tot Ion: 75 Resp: 75849
Ion Ratio Lower Upper
75 100
53 82.9 73.0 109.6
89 40.6 32.0 48.0



#82
4-Chlorotoluene
Concen: 22.364 ug/l
RT: 12.81 min Scan# 1147
Delta R.T. 0.01 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

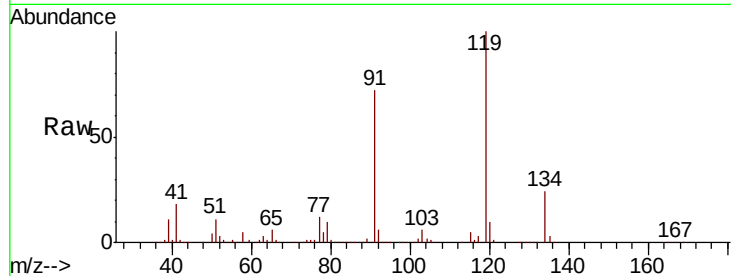
Tgt Ion: 91 Resp: 1083295
Ion Ratio Lower Upper
91 100
126 32.3 17.1 51.2



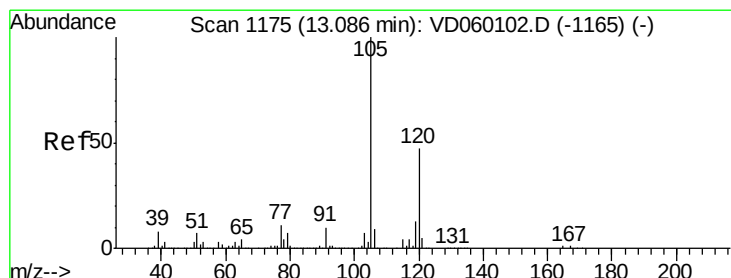
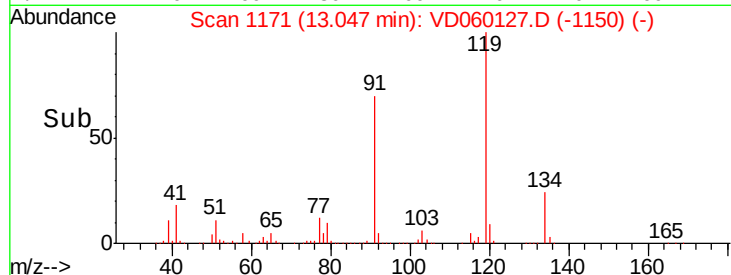
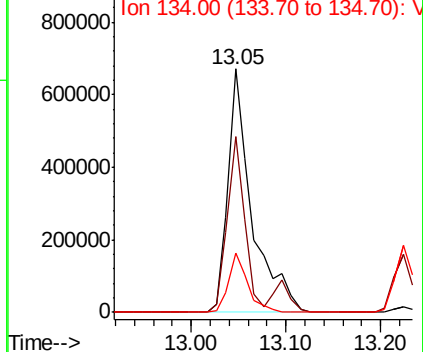


#83
 tert-Butylbenzene
 Concen: 21.390 ug/l
 RT: 13.05 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tot Ion:119 Resp: 1180574
 Ion Ratio Lower Upper
 119 100
 91 72.4 34.8 104.4
 134 24.3 11.8 35.4

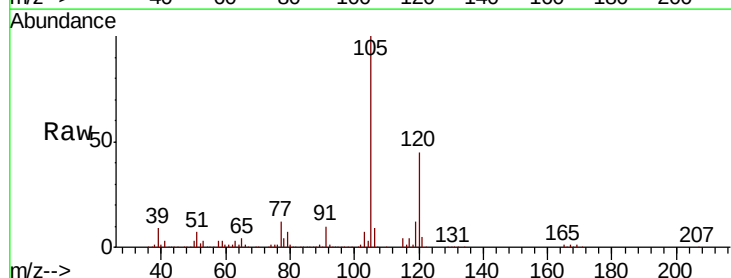


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

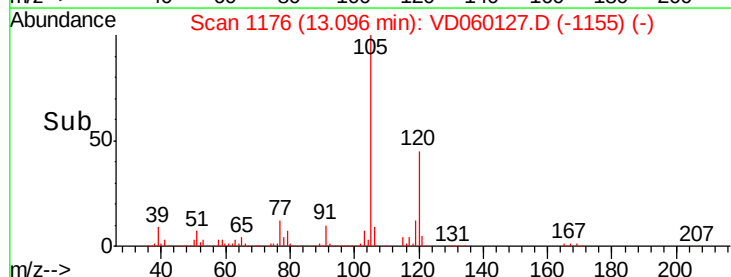
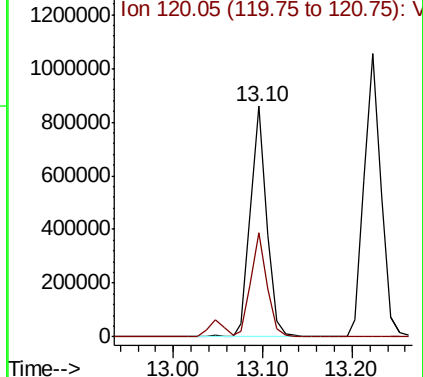


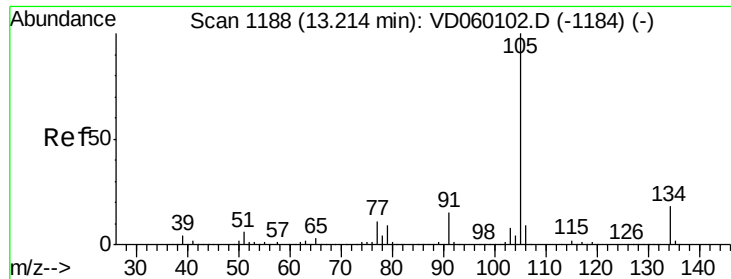
#84
 1,2,4-Trimethylbenzene
 Concen: 21.420 ug/l
 RT: 13.10 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tgt Ion:105 Resp: 1085778
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.4 70.0



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





#85

sec-Butylbenzene

Concen: 20.960 ug/l

RT: 13.22 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD060127.D

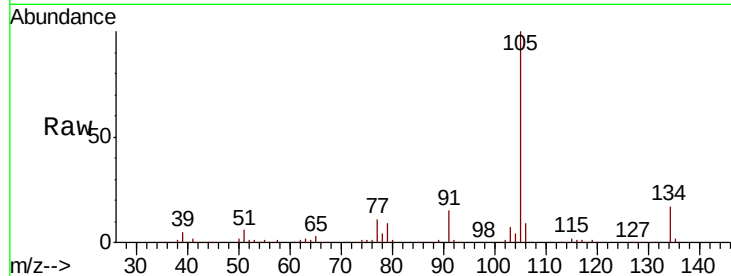
Acq: 4 Oct 2018 12:35

Tot Ion:105 Resp: 1367828

Ion Ratio Lower Upper

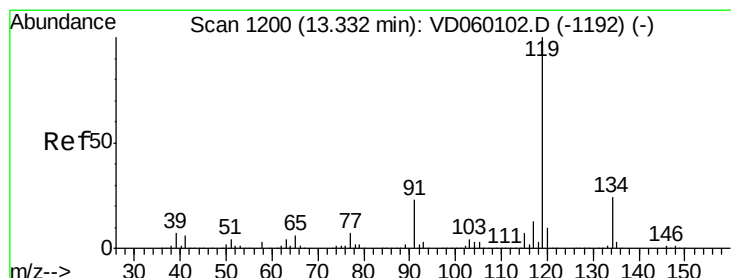
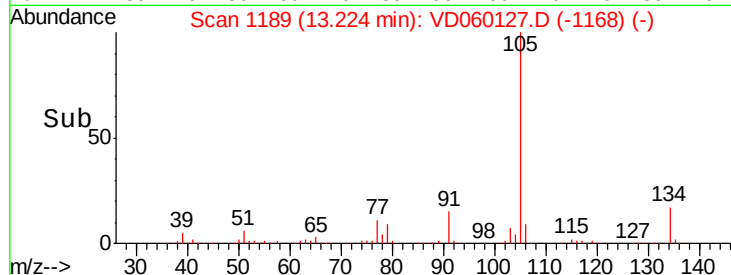
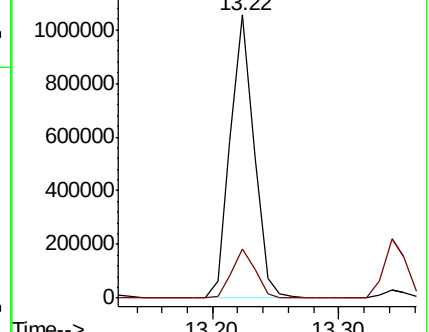
105 100

134 17.5 8.8 26.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 21.993 ug/l

RT: 13.34 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VD060127.D

Acq: 4 Oct 2018 12:35

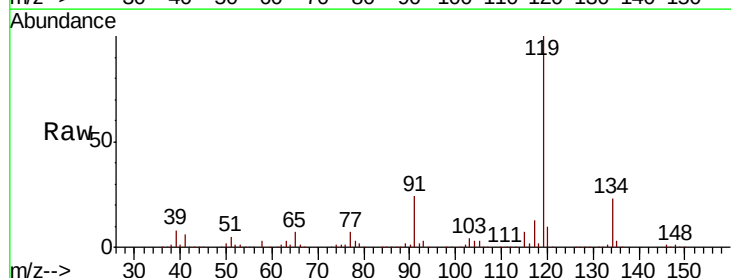
Tgt Ion:119 Resp: 1177167

Ion Ratio Lower Upper

119 100

134 23.5 12.3 36.8

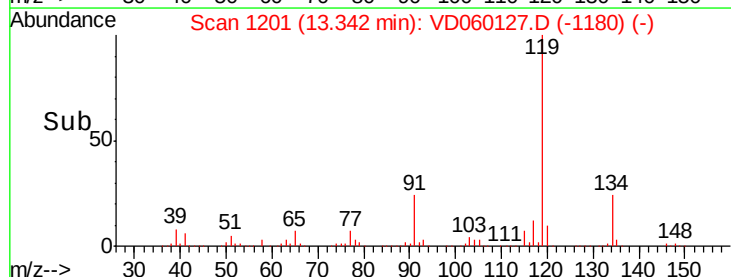
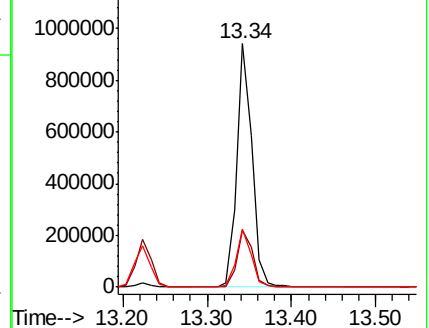
91 23.8 11.8 35.4

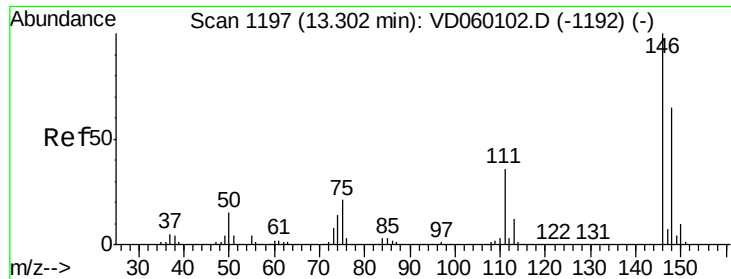


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

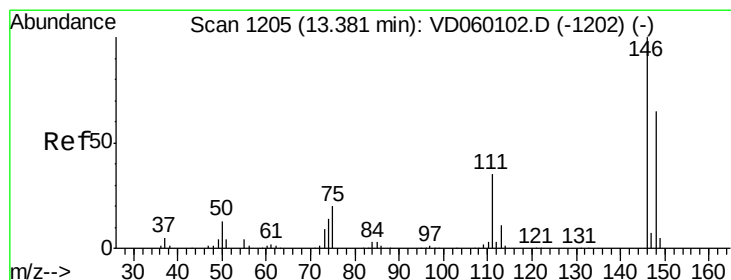
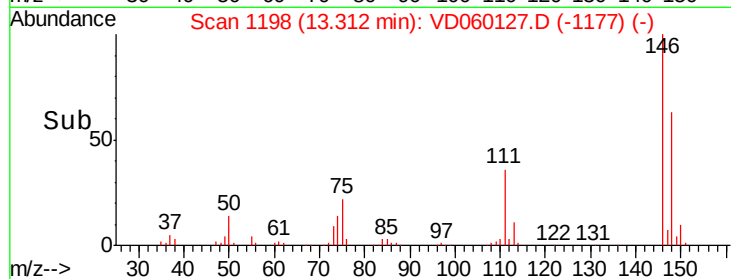
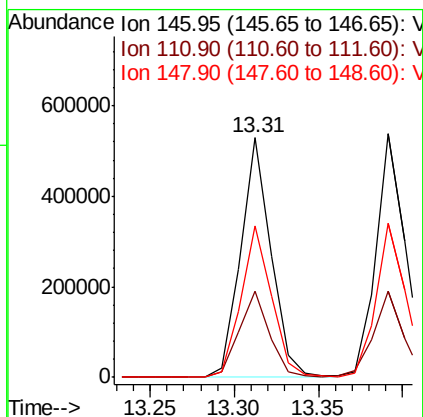
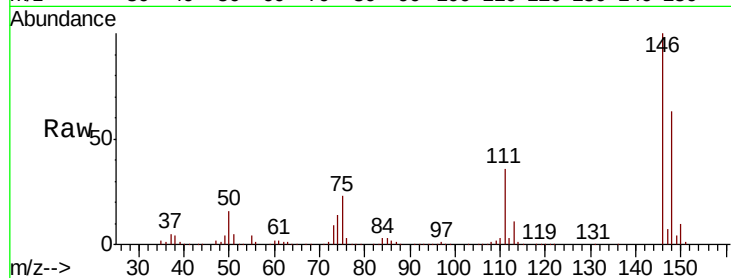
Ion 91.00 (90.70 to 91.70): V





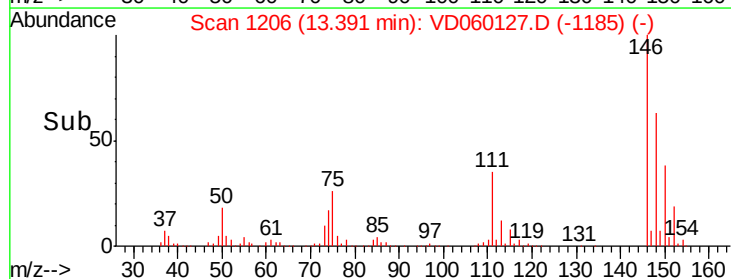
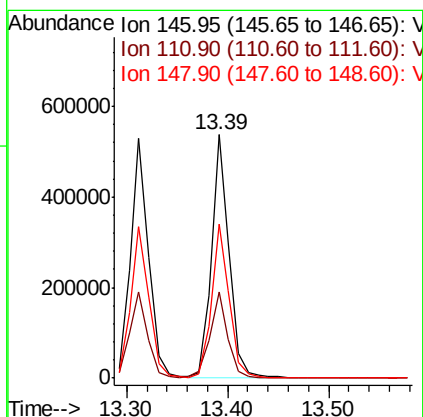
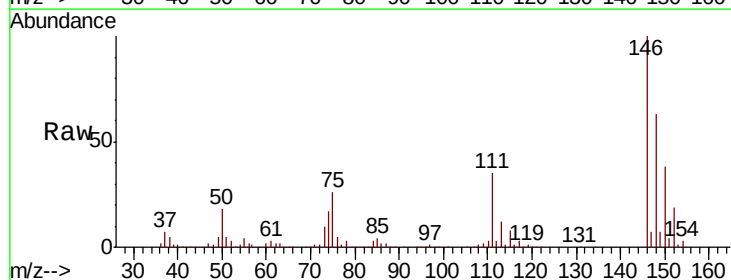
#87
 1,3-Dichlorobenzene
 Concen: 20.998 ug/l
 RT: 13.31 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

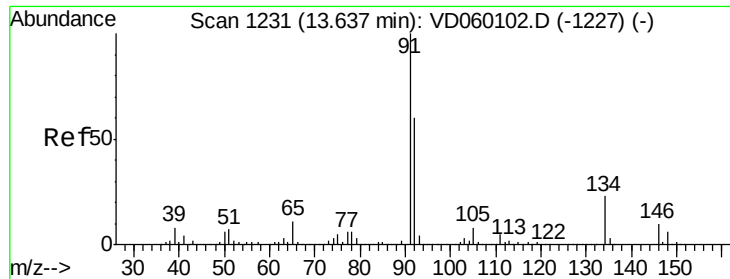
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.3
148	63.1	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 20.759 ug/l
 RT: 13.39 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

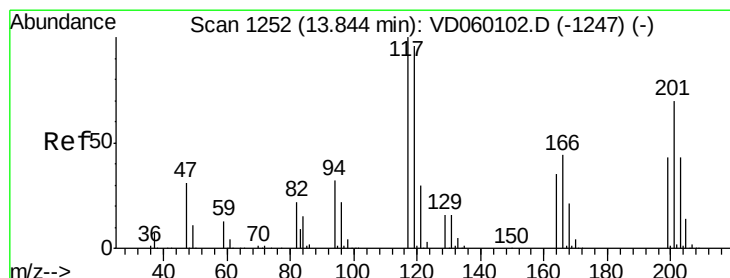
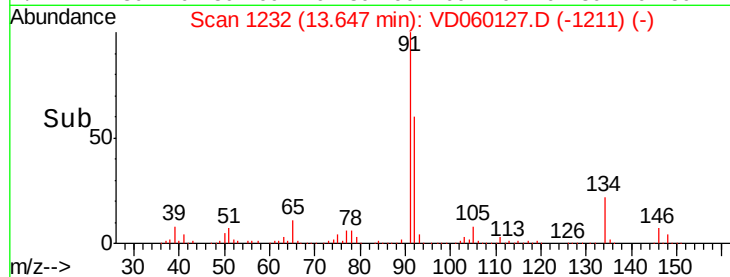
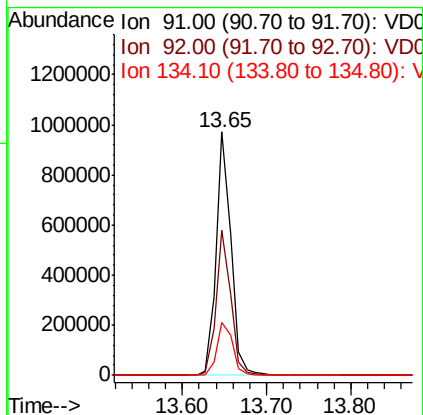
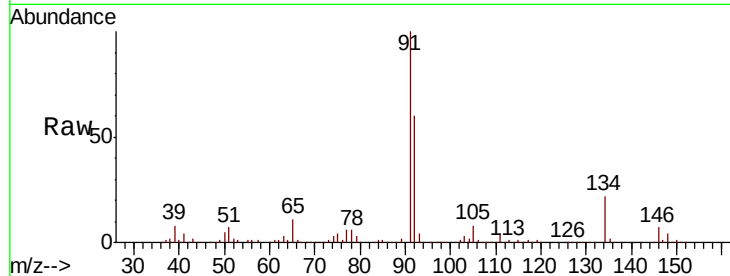
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	17.8	53.3
148	63.1	32.4	97.2





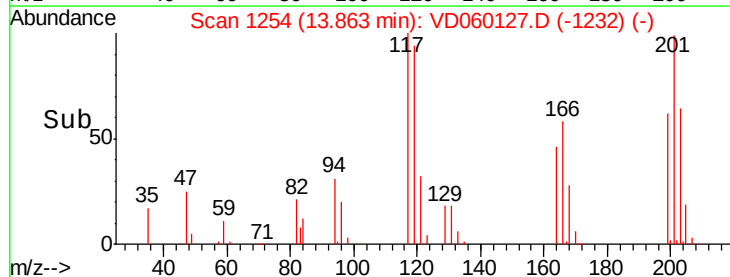
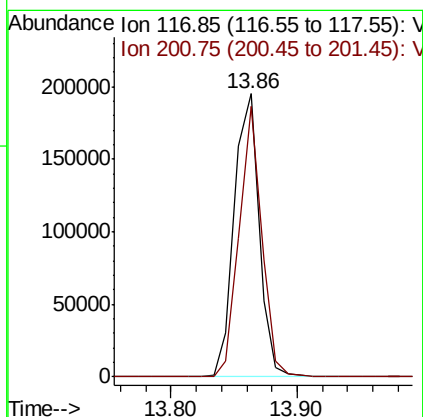
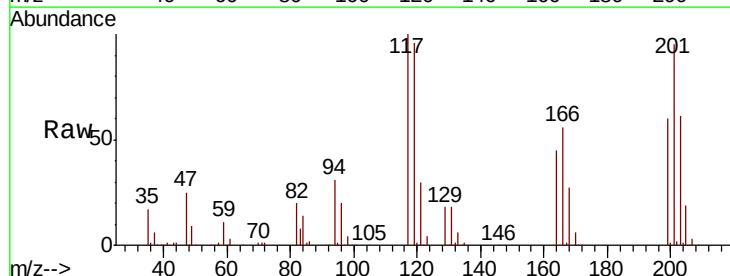
#89
n-Butylbenzene
Concen: 22.636 ug/l
RT: 13.65 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

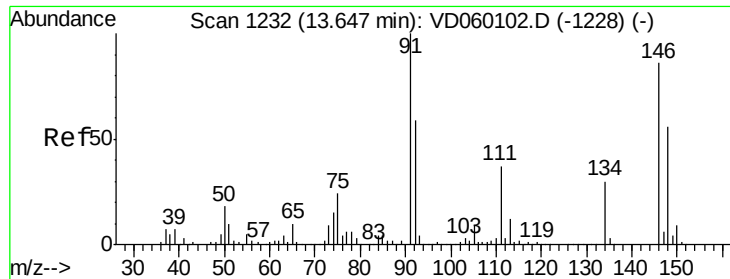
Tot Ion: 91 Resp: 1182210
Ion Ratio Lower Upper
91 100
92 59.5 30.1 90.3
134 21.6 11.6 34.7



#90
Hexachloroethane
Concen: 21.436 ug/l
RT: 13.86 min Scan# 1254
Delta R.T. 0.02 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

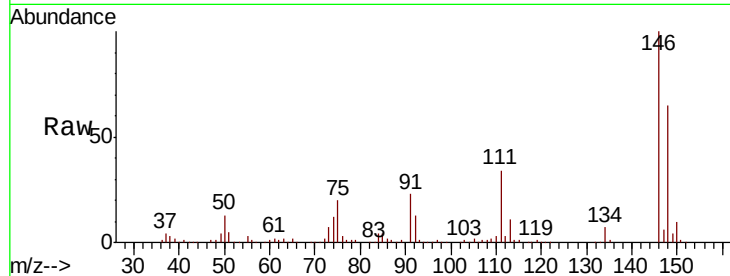
Tgt Ion: 117 Resp: 265545
Ion Ratio Lower Upper
117 100
201 95.4 34.8 104.5



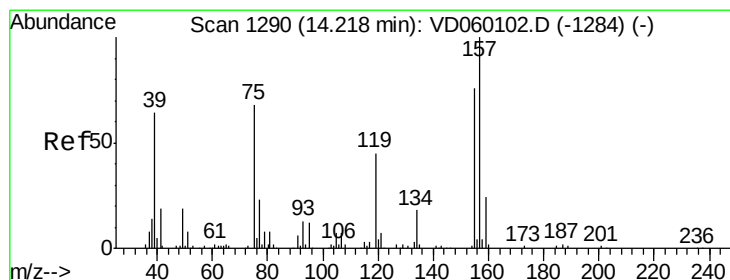
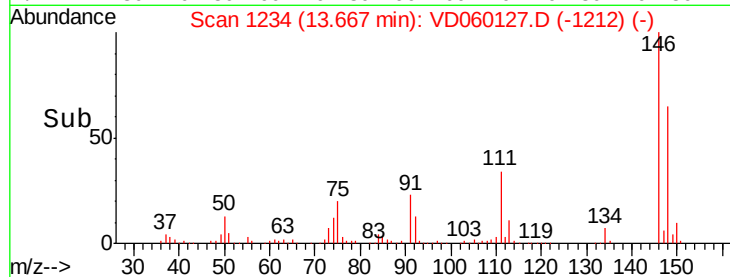
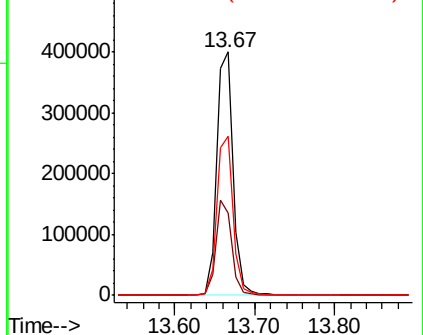


#91
 1,2-Dichlorobenzene
 Concen: 21.973 ug/l
 RT: 13.67 min Scan# 1234
 Delta R.T. 0.02 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tot Ion:146 Resp: 581295
 Ion Ratio Lower Upper
 146 100
 111 33.7 21.4 64.3
 148 65.2 32.2 96.6

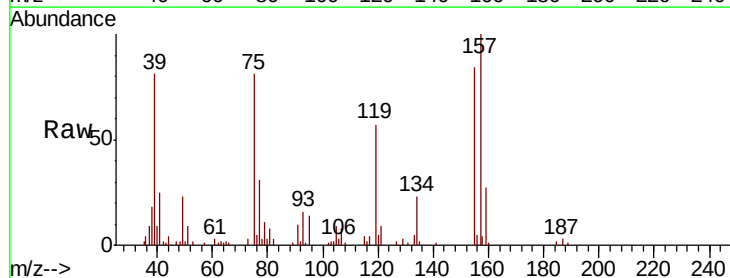


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

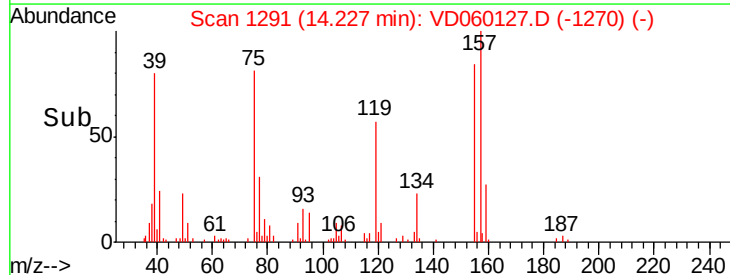
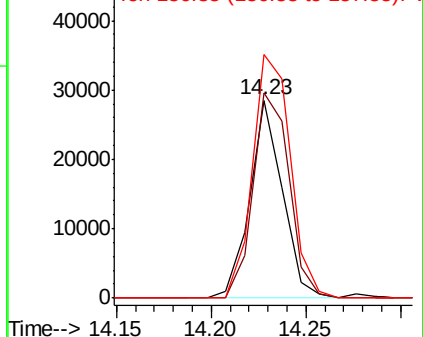


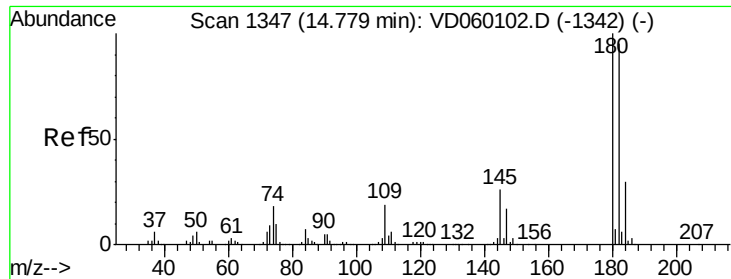
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.869 ug/l
 RT: 14.23 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tgt Ion: 75 Resp: 34180
 Ion Ratio Lower Upper
 75 100
 155 103.6 55.9 167.7
 157 122.9 73.3 219.8



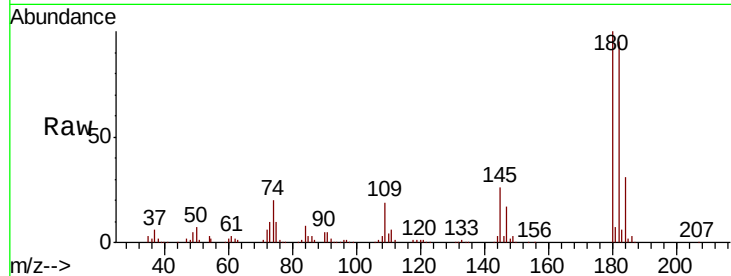
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



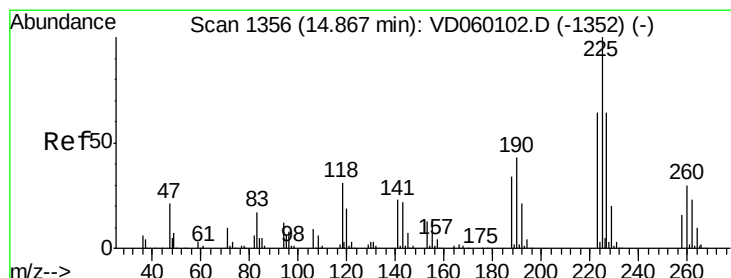
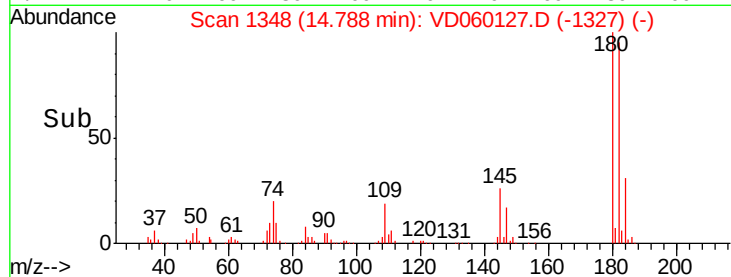
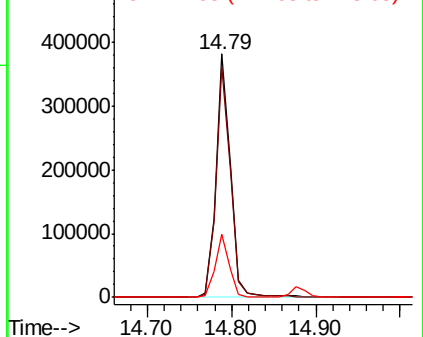


#93
 1,2,4-Trichlorobenzene
 Concen: 20.315 ug/l
 RT: 14.79 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.8
145	25.8	13.0	38.9

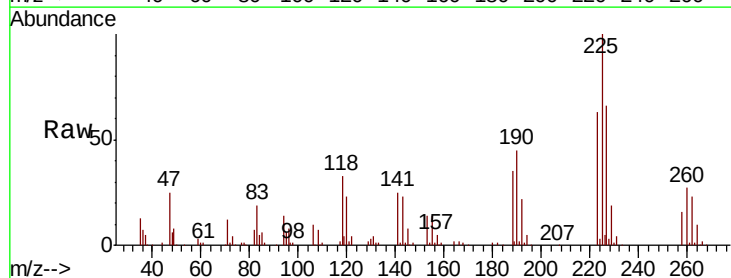


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

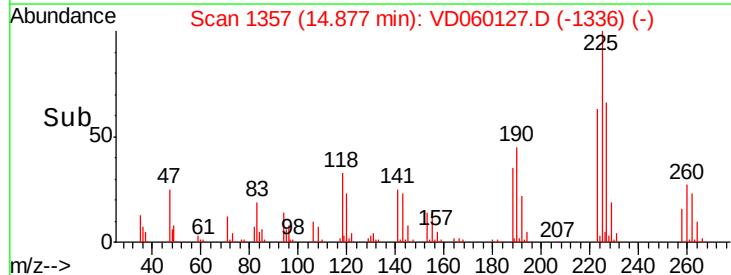
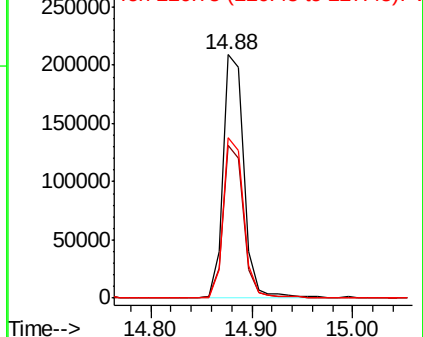


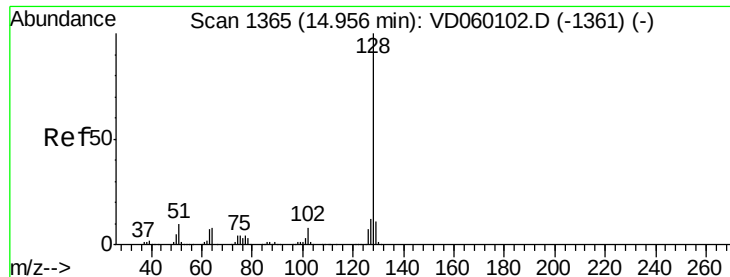
#94
 Hexachlorobutadiene
 Concen: 20.240 ug/l
 RT: 14.88 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: VD060127.D
 Acq: 4 Oct 2018 12:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.8	95.4
227	65.9	32.0	96.0



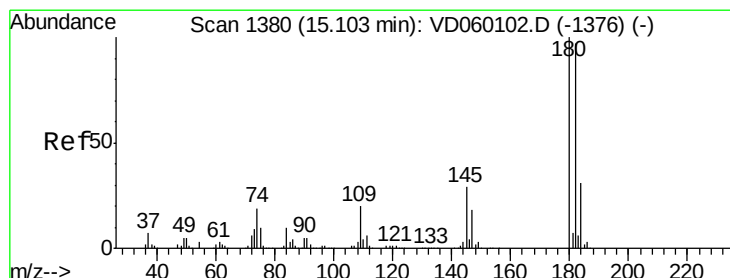
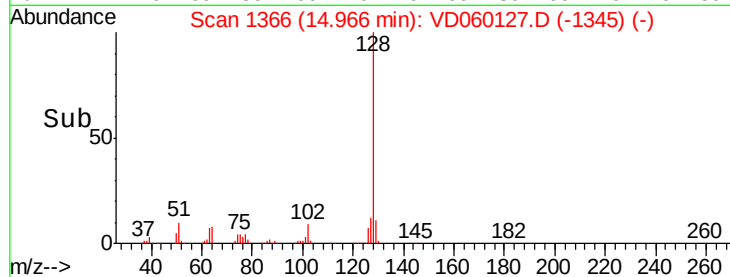
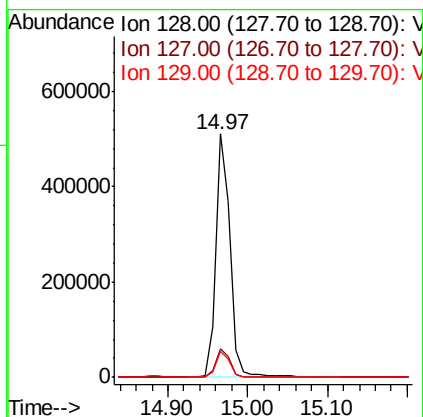
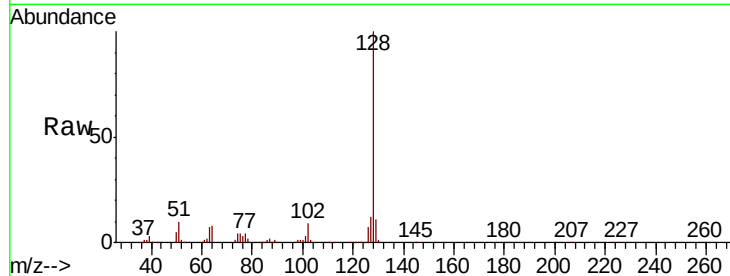
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95
Naphthalene
Concen: 19.361 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tot Ion:128 Resp: 644436
Ion Ratio Lower Upper
128 100
127 12.0 9.9 14.9
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.910 ug/l
RT: 15.11 min Scan# 1381
Delta R.T. 0.01 min
Lab File: VD060127.D
Acq: 4 Oct 2018 12:35

Tgt Ion:180 Resp: 388915
Ion Ratio Lower Upper
180 100
182 93.8 48.4 145.0
145 29.4 14.5 43.6

