

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062085.D
 Acq On : 30 Apr 2019 14:11
 Operator : FY/SY
 Sample : VD0430SBSD01
 Misc : 5.00µm/5mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 01:13:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	541045	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	855303	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	724080	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	342904	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	225109	53.16	ug/l	-0.01
Spiked Amount			Recovery	=	106.32%	
35) Dibromofluoromethane	6.91	113	311656	52.69	ug/l	-0.02
Spiked Amount			Recovery	=	105.38%	
50) Toluene-d8	10.39	98	711252	50.53	ug/l	-0.02
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	13.54	95	305778	54.16	ug/l	-0.01
Spiked Amount			Recovery	=	108.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	88980	18.418	ug/l	100
3) Chloromethane	1.75	50	77871	18.965	ug/l	97
4) Vinyl Chloride	1.85	62	75501	20.287	ug/l	96
5) Bromomethane	2.14	94	20413	18.187	ug/l	98
6) Chloroethane	2.24	64	26186	19.465	ug/l	89
7) Trichlorofluoromethane	2.52	101	120257	21.371	ug/l	99
8) Diethyl Ether	2.86	74	31520	20.900	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.14	101	116660	22.506	ug/l	96
10) Methyl Iodide	3.30	142	114398	18.341	ug/l #	94
11) Tert butyl alcohol	4.05	59	27320	114.189	ug/l	95
12) 1,1-Dichloroethene	3.12	96	92678	21.015	ug/l	98
13) Acrolein	3.02	56	26342	106.115	ug/l	87
14) Allyl chloride	3.61	41	133182	22.116	ug/l	96
15) Acrylonitrile	4.18	53	85690	115.663	ug/l	96
16) Acetone	3.21	43	111903	110.677	ug/l	92
17) Carbon Disulfide	3.37	76	243605	19.115	ug/l	99
18) Methyl Acetate	3.63	43	49255	25.816	ug/l	97
19) Methyl tert-butyl Ether	4.22	73	189224	21.625	ug/l	93
20) Methylene Chloride	3.80	84	117084	22.001	ug/l	98
21) trans-1,2-Dichloroethene	4.20	96	102754	20.310	ug/l	99
22) Diisopropyl ether	5.10	45	283549	20.168	ug/l	98
23) Vinyl Acetate	5.04	43	766767	104.724	ug/l	99
24) 1,1-Dichloroethane	4.96	63	170733	20.091	ug/l	99
25) 2-Butanone	6.05	43	129144	105.350	ug/l	100
26) 2,2-Dichloropropane	6.01	77	156100	21.056	ug/l	100
27) cis-1,2-Dichloroethene	6.02	96	119340	20.735	ug/l	96
28) Bromochloromethane	6.42	49	76014	23.378	ug/l	97
29) Tetrahydrofuran	6.45	42	63842	105.697	ug/l	98
30) Chloroform	6.65	83	196077	20.315	ug/l	95
31) Cyclohexane	6.94	56	110682	17.548	ug/l	98
32) 1,1,1-Trichloroethane	6.85	97	172817	20.578	ug/l	93
36) 1,1-Dichloropropene	7.13	75	137637	20.655	ug/l	97
37) Ethyl Acetate	6.15	43	62269	21.928	ug/l #	92
38) Carbon Tetrachloride	7.10	117	187707	22.230	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062085.D
 Acq On : 30 Apr 2019 14:11
 Operator : FY/SY
 Sample : VD0430SBSD01
 Misc : 5.00gm/5mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 01:13:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

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

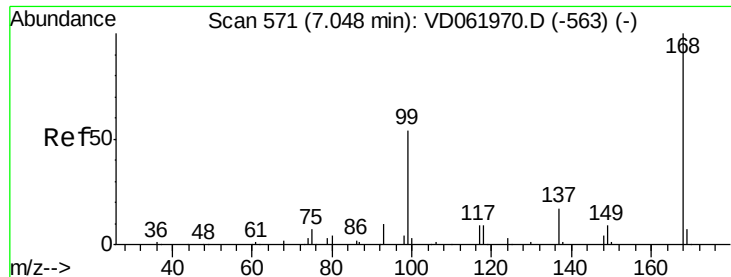
39) Methylcyclohexane	8.85	83	130655	19.873	ug/l	97
40) Benzene	7.44	78	329226	19.956	ug/l	97
41) Methacrylonitrile	6.44	41	73725	22.252	ug/l #	89
42) 1,2-Dichloroethane	7.56	62	117768	21.025	ug/l	97
43) Isopropyl Acetate	9.22	43	88331	21.289	ug/l	96
44) Trichloroethene	8.52	130	131975	20.635	ug/l	99
45) 1,2-Dichloropropane	8.93	63	83232	19.887	ug/l	98
46) Dibromomethane	9.05	93	64586	21.447	ug/l	98
47) Bromodichloromethane	9.36	83	151904	21.348	ug/l	98
48) Methyl methacrylate	9.10	41	50385	21.284	ug/l	97
49) 1,4-Dioxane	9.07	88	12617	494.350	ug/l	94
51) 4-Methyl-2-Pentanone	10.29	43	280735	110.637	ug/l	99
52) Toluene	10.49	92	212404	20.193	ug/l	95
53) t-1,3-Dichloropropene	10.90	75	133152	22.293	ug/l	99
54) cis-1,3-Dichloropropene	10.02	75	152988	21.060	ug/l	98
55) 1,1,2-Trichloroethane	11.17	97	81574	23.100	ug/l	97
56) Ethyl methacrylate	11.02	69	82806	21.172	ug/l	94
57) 1,3-Dichloropropane	11.40	76	110599	20.278	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.84	63	221857	122.006	ug/l	99
59) 2-Hexanone	11.52	43	214282	112.576	ug/l	100
60) Dibromochloromethane	11.67	129	132115	22.610	ug/l	100
61) 1,2-Dibromoethane	11.79	107	92680	22.124	ug/l	97
64) Tetrachloroethene	11.24	164	101288	19.609	ug/l	95
65) Chlorobenzene	12.39	112	275761	20.154	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.50	131	122396	21.089	ug/l	91
67) Ethyl Benzene	12.51	91	460929	20.639	ug/l	99
68) m/p-Xylenes	12.66	106	325285	40.300	ug/l	98
69) o-Xylene	13.04	106	143160	19.385	ug/l	98
70) Styrene	13.06	104	273352	21.436	ug/l	99
71) Bromoform	13.23	173	70049	21.170	ug/l #	94
73) Isopropylbenzene	13.40	105	404015	17.663	ug/l	99
74) N-amyl acetate	13.26	43	113027	19.187	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.69	83	85492	19.073	ug/l	95
76) 1,2,3-Trichloropropane	13.72	75	86322	19.824	ug/l	99
77) Bromobenzene	13.66	156	118296	18.028	ug/l	98
78) n-propylbenzene	13.76	91	538222	20.554	ug/l	97
79) 2-Chlorotoluene	13.83	91	311571	19.644	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	370135	20.294	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	24439	18.521	ug/l	96
82) 4-Chlorotoluene	13.94	91	354865	20.316	ug/l	96
83) tert-Butylbenzene	14.18	119	427015	20.210	ug/l	95
84) 1,2,4-Trimethylbenzene	14.23	105	372833	21.408	ug/l	98
85) sec-Butylbenzene	14.36	105	468949	20.541	ug/l	99
86) p-Isopropyltoluene	14.48	119	408770	20.006	ug/l	95
87) 1,3-Dichlorobenzene	14.45	146	228755	19.907	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	230819	21.479	ug/l	93
89) n-Butylbenzene	14.79	91	362156	19.743	ug/l	98
90) Hexachloroethane	15.00	117	109418	19.804	ug/l	94
91) 1,2-Dichlorobenzene	14.80	146	199228	21.018	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	13611	22.106	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
Data File : VD062085.D
Acq On : 30 Apr 2019 14:11
Operator : FY/SY
Sample : VD0430SBSD01
Misc : 5.00gm/5mL/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 01:13:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	108565	21.228	ug/l	98
94) Hexachlorobutadiene	16.03	225	74247	19.617	ug/l	99
95) Naphthalene	16.11	128	187666	22.726	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	62875	21.668	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD062085.D

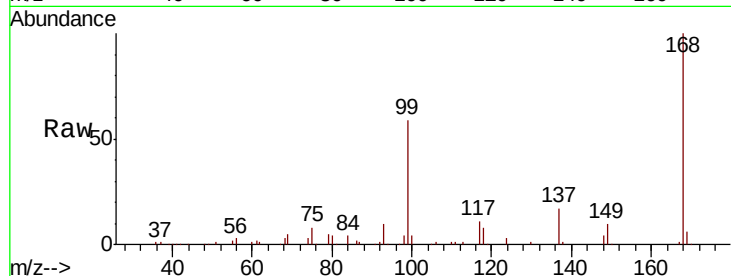
Acq: 30 Apr 2019 14:11

Tot Ion: 168 Resp: 541045

Ion Ratio Lower Upper

168 100

99 59.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

200000

150000

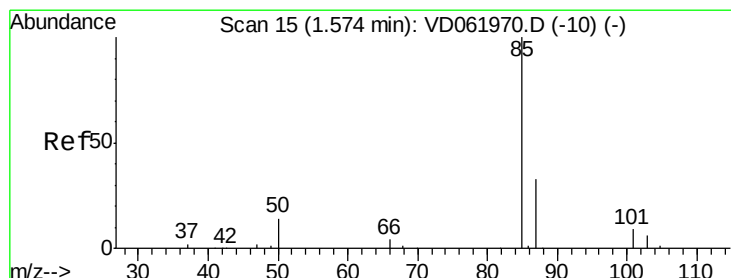
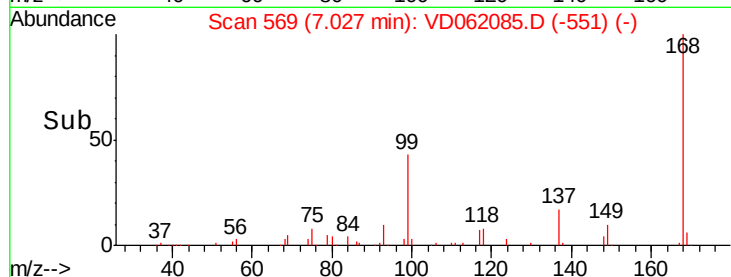
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#2

Dichlorodifluoromethane

Concen: 18.418 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.01 min

Lab File: VD062085.D

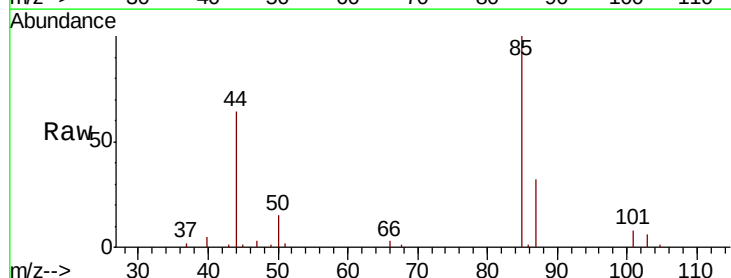
Acq: 30 Apr 2019 14:11

Tgt Ion: 85 Resp: 88980

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

40000

30000

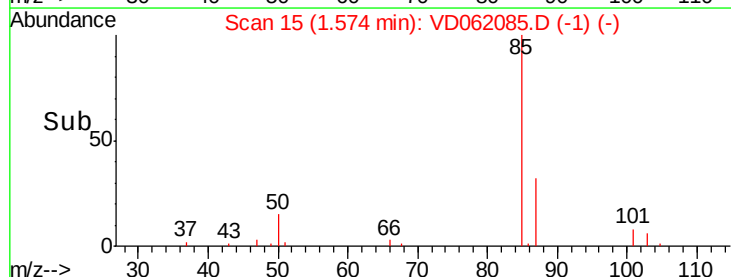
20000

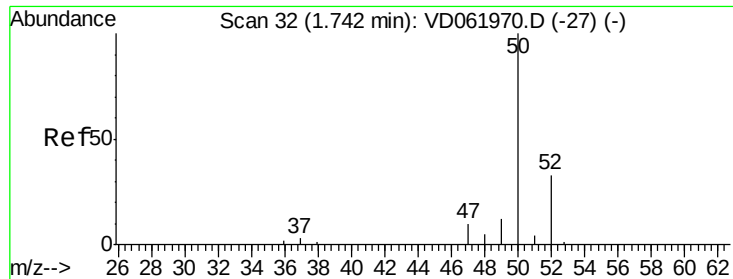
10000

0

1.50 1.60 1.70 1.80

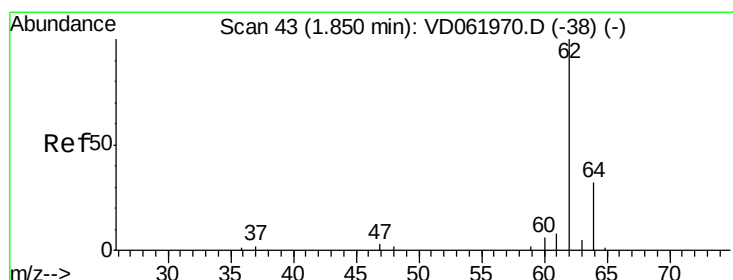
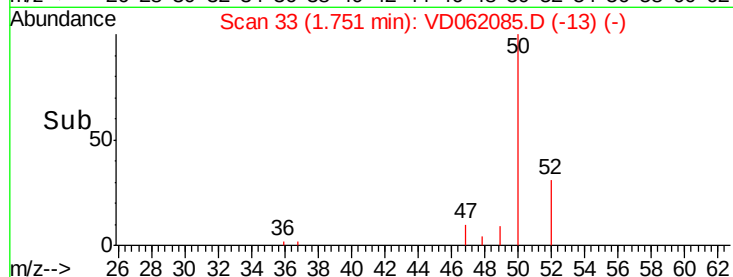
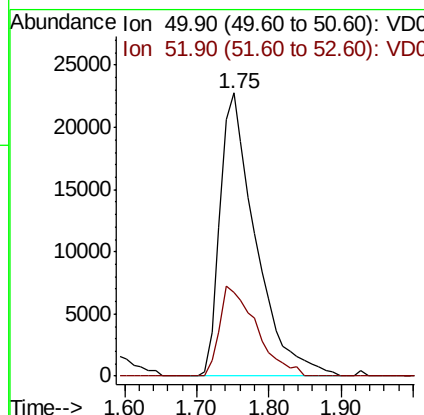
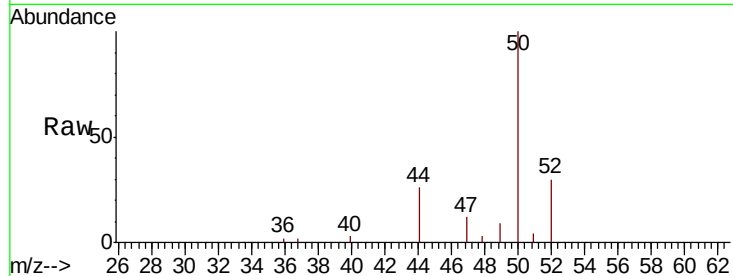
Time-->





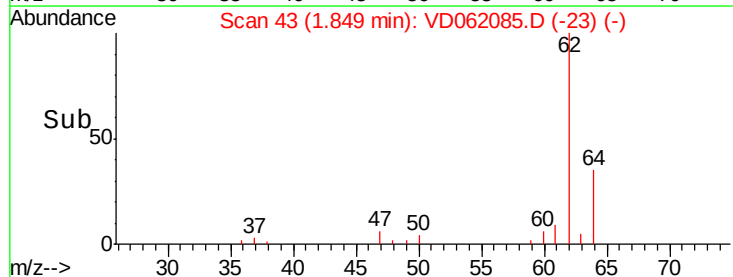
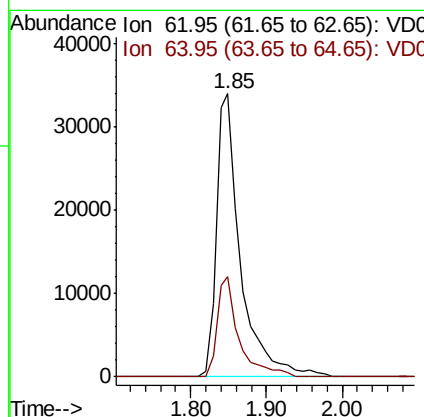
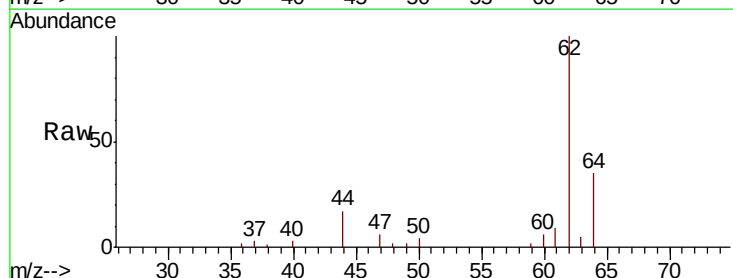
#3
 Chloromethane
 Concen: 18.965 ug/l
 RT: 1.75 min Scan# 33
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

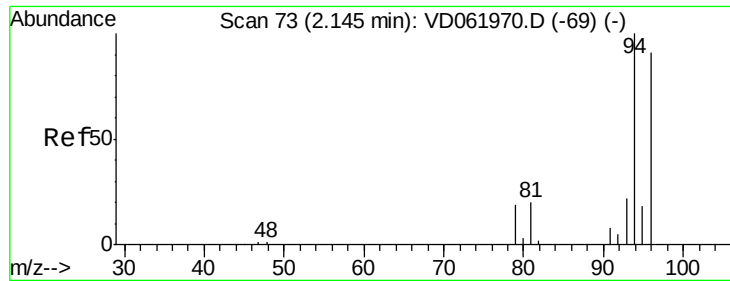
Tot Ion: 50 Resp: 77871
 Ion Ratio Lower Upper
 50 100
 52 29.7 25.2 37.8



#4
 Vinyl Chloride
 Concen: 20.287 ug/l
 RT: 1.85 min Scan# 43
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

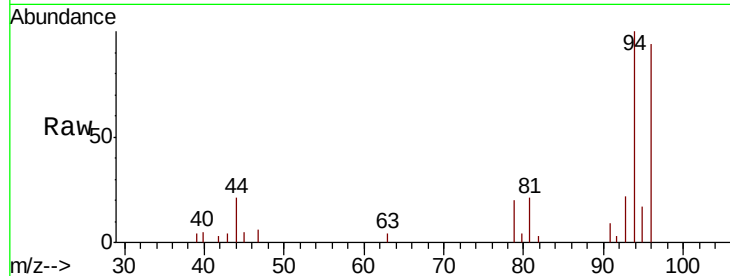
Tgt Ion: 62 Resp: 75501
 Ion Ratio Lower Upper
 62 100
 64 35.4 26.5 39.7



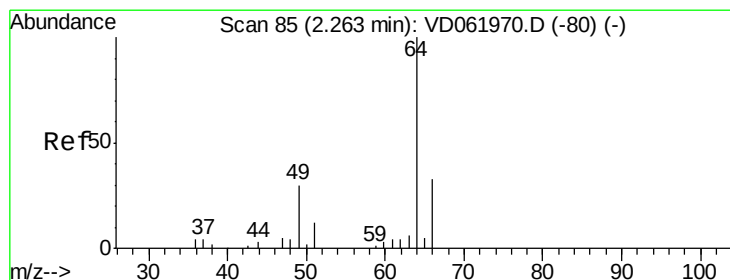
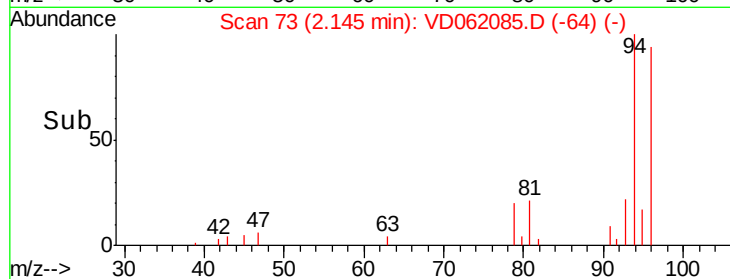
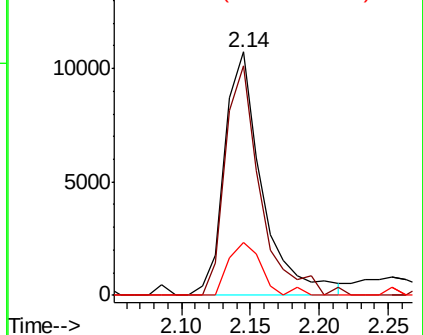


#5
Bromomethane
Concen: 18.187 ug/l
RT: 2.14 min Scan# 73
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion: 94 Resp: 20413
Ion Ratio Lower Upper
94 100
96 94.1 76.6 115.0
93 21.7 18.5 27.7

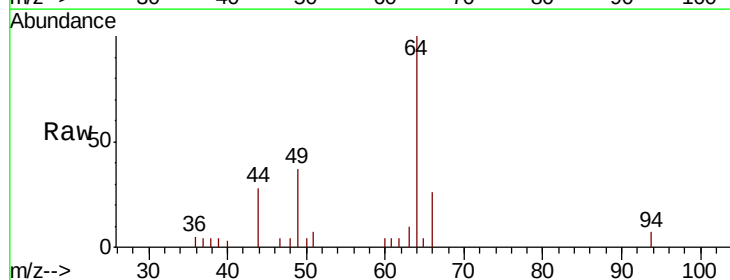


Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC

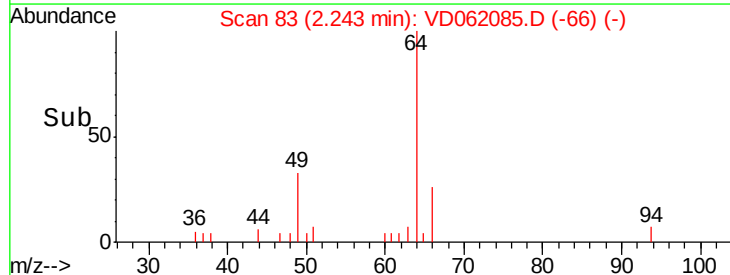
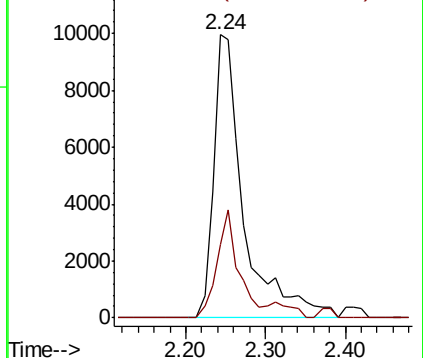


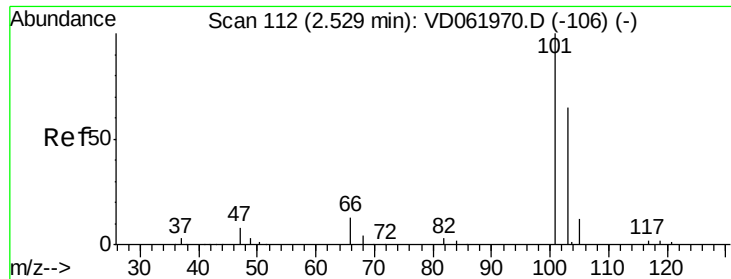
#6
Chloroethane
Concen: 19.465 ug/l
RT: 2.24 min Scan# 83
Delta R.T. -0.03 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion: 64 Resp: 26186
Ion Ratio Lower Upper
64 100
66 26.0 25.6 38.4



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

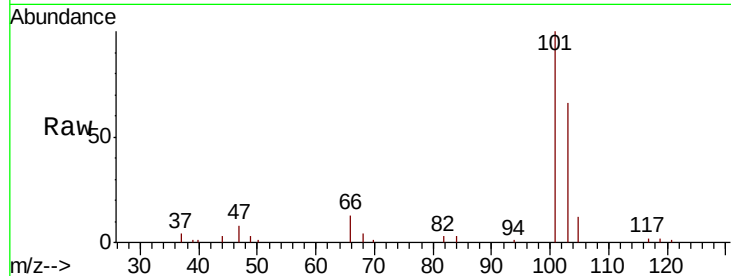




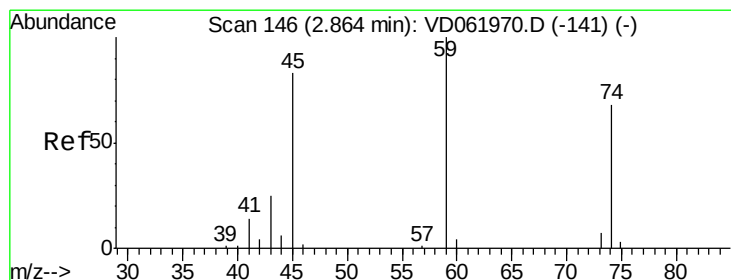
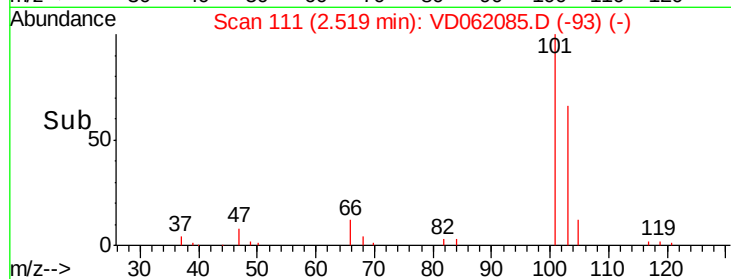
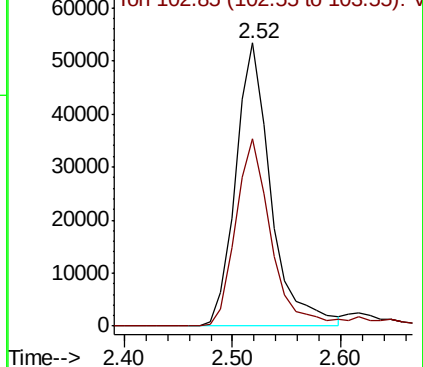
#7

Trichlorofluoromethane
Concen: 21.371 ug/l
RT: 2.52 min Scan# 111
Delta R.T. -0.02 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	53.6	80.4



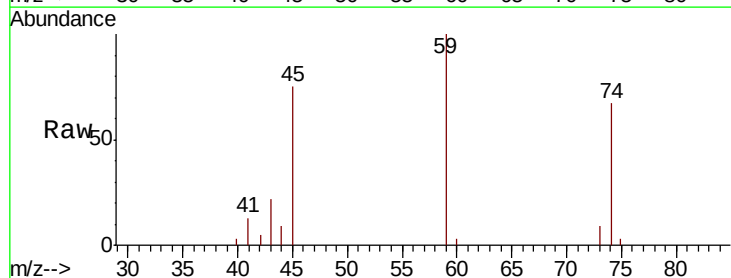
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



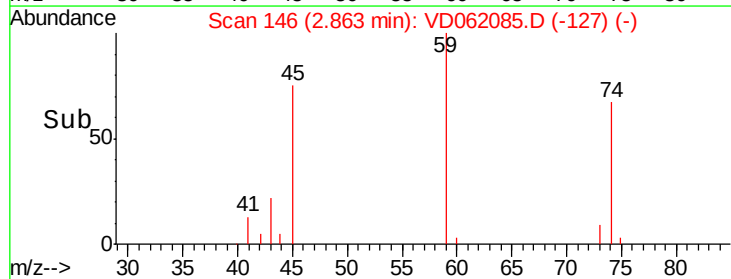
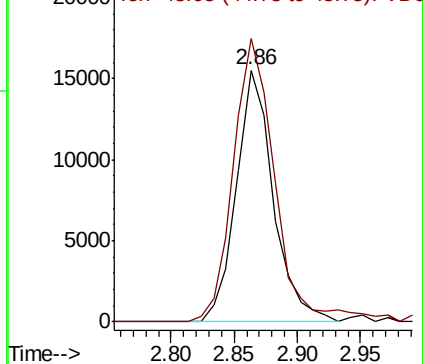
#8

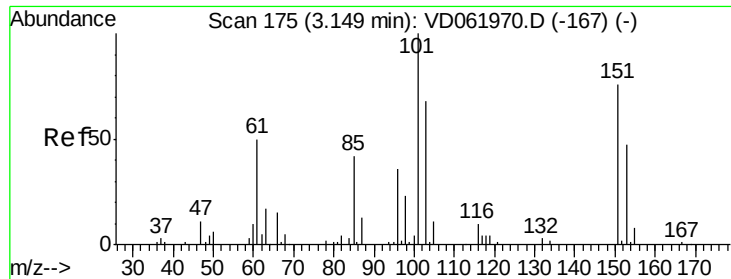
Diethyl Ether
Concen: 20.900 ug/l
RT: 2.86 min Scan# 146
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.4	56.9	170.7



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: 22.506 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

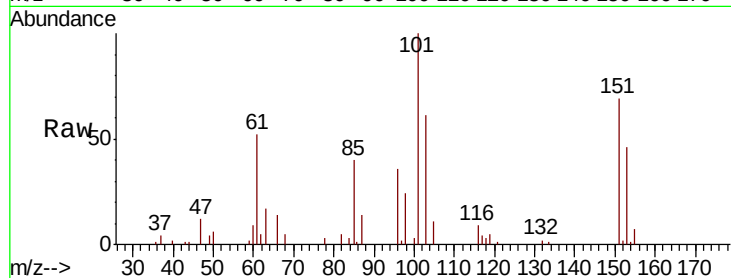
Tot Ion:101 Resp: 116660

Ion Ratio Lower Upper

101 100

85 39.6 32.4 48.6

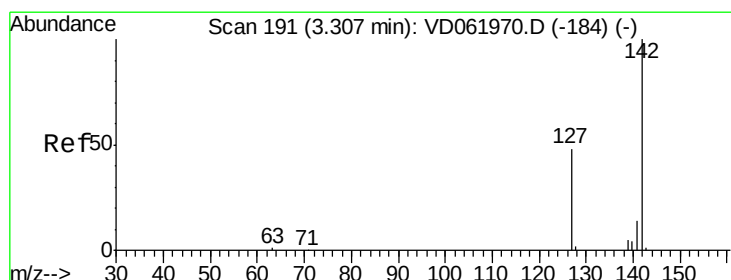
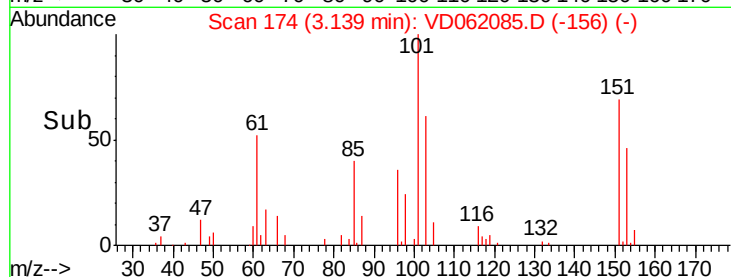
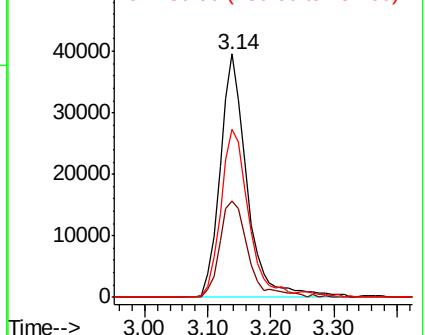
151 69.2 59.4 89.0



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: 18.341 ug/l

RT: 3.30 min Scan# 190

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

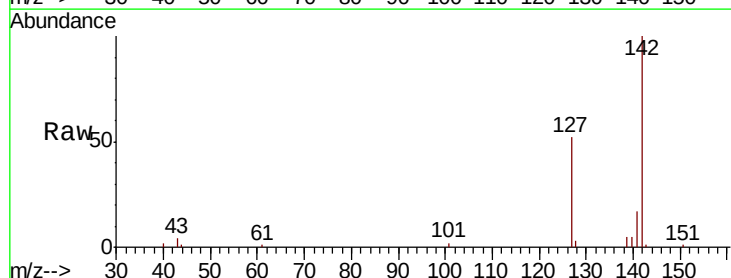
Tgt Ion:142 Resp: 114398

Ion Ratio Lower Upper

142 100

127 52.3 38.8 58.2

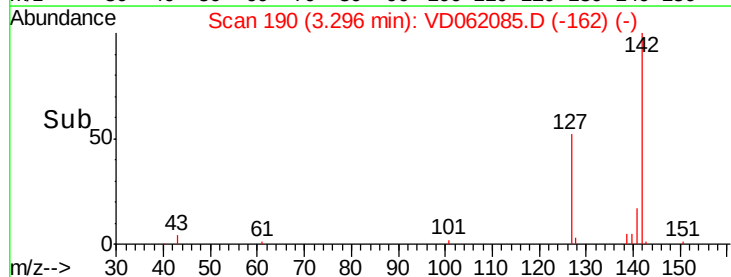
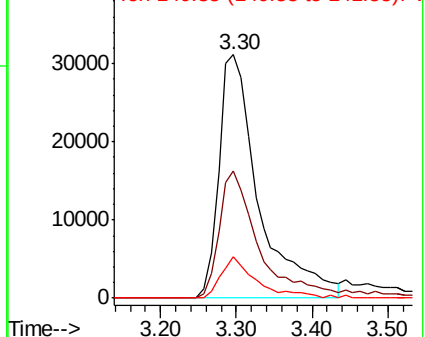
141 17.2 11.4 17.0#

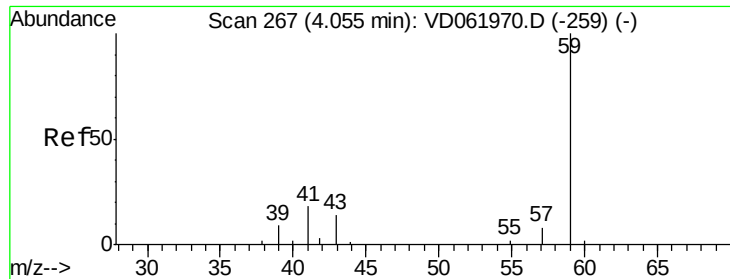


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 114.189 ug/l

RT: 4.05 min Scan# 267

Delta R.T. -0.01 min

Lab File: VD062085.D

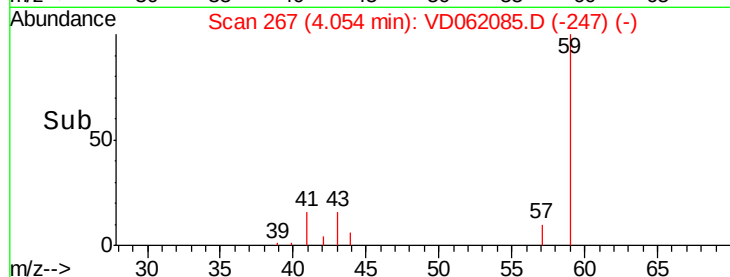
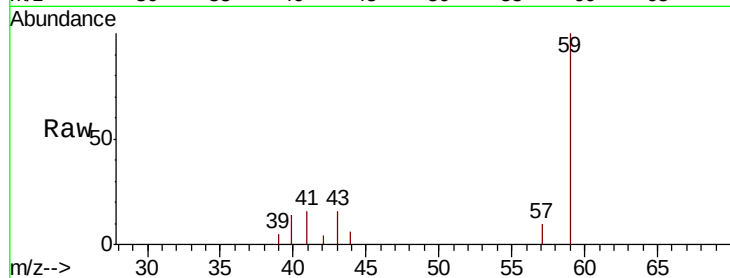
Acq: 30 Apr 2019 14:11

Tot Ion: 59 Resp: 27320

Ion Ratio Lower Upper

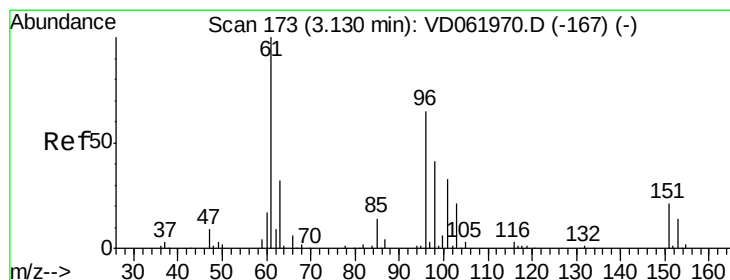
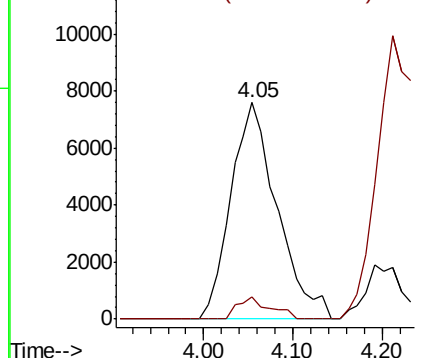
59 100

57 10.3 6.9 10.3



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 21.015 ug/l

RT: 3.12 min Scan# 172

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

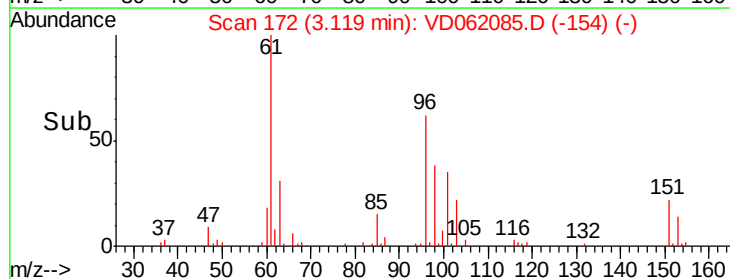
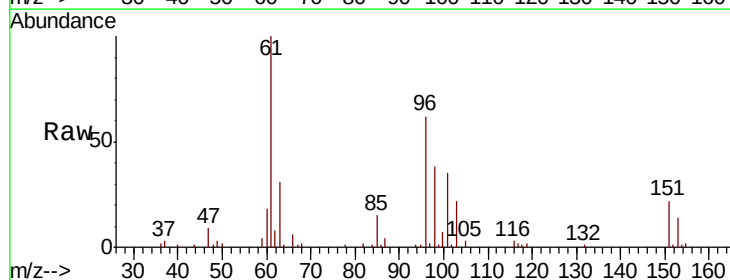
Tgt Ion: 96 Resp: 92678

Ion Ratio Lower Upper

96 100

61 160.6 129.8 194.8

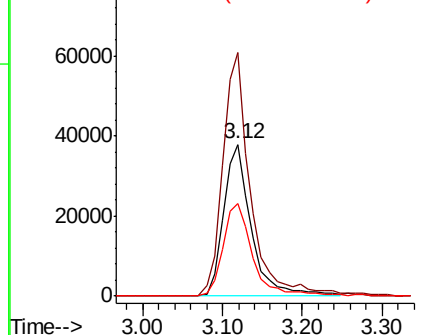
98 61.0 51.2 76.8

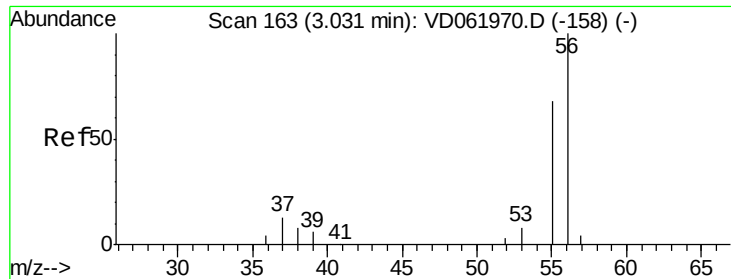


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 106.115 ug/l

RT: 3.02 min Scan# 162

Delta R.T. -0.02 min

Lab File: VD062085.D

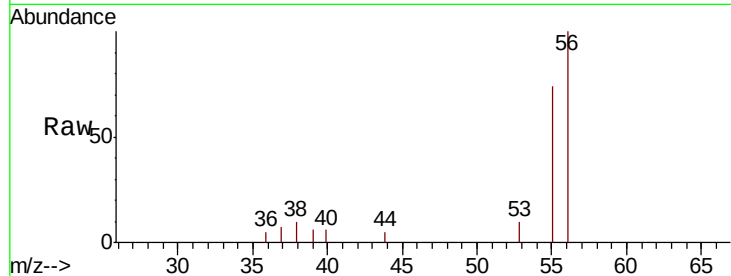
Acq: 30 Apr 2019 14:11

Tot Ion: 56 Resp: 26342

Ion Ratio Lower Upper

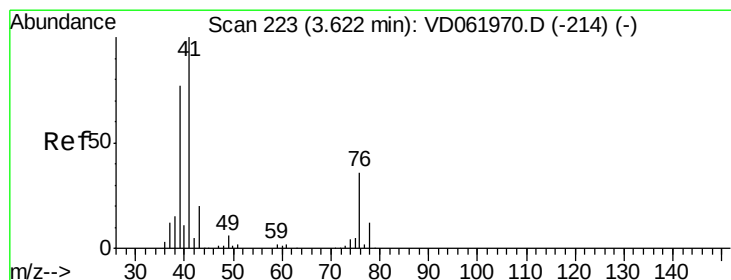
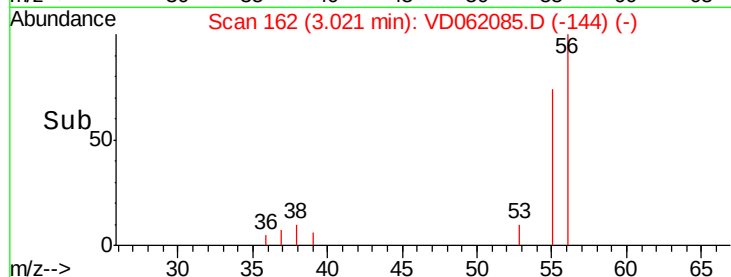
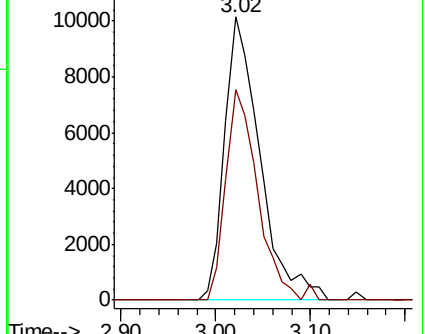
56 100

55 74.2 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 22.116 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

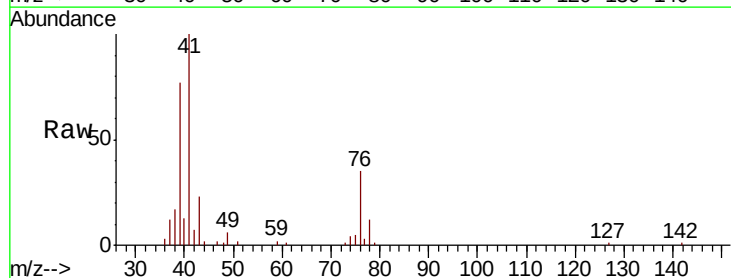
Tgt Ion: 41 Resp: 133182

Ion Ratio Lower Upper

41 100

39 77.5 60.5 90.7

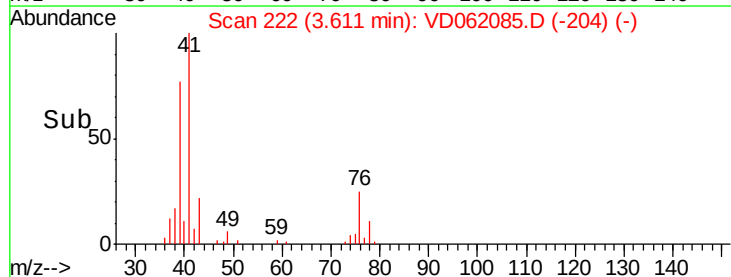
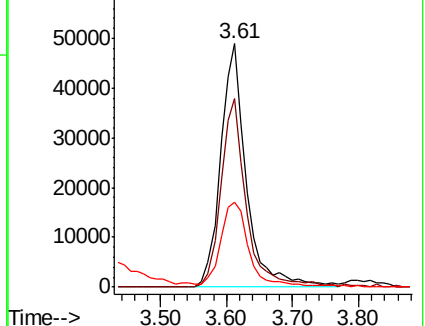
76 34.8 31.8 47.8

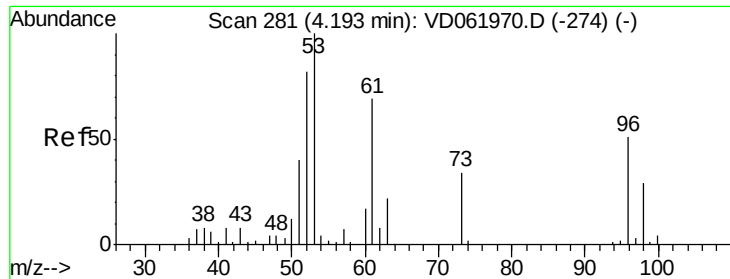


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 115.663 ug/l

RT: 4.18 min Scan# 280

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

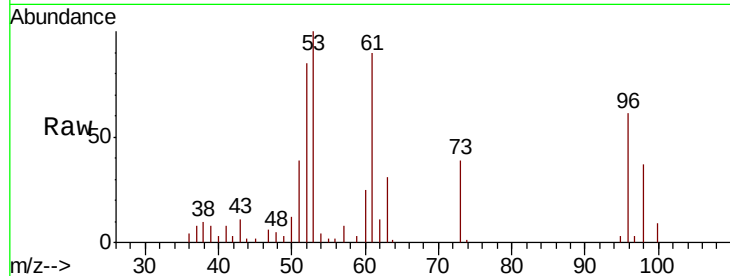
Tot Ion: 53 Resp: 85690

Ion Ratio Lower Upper

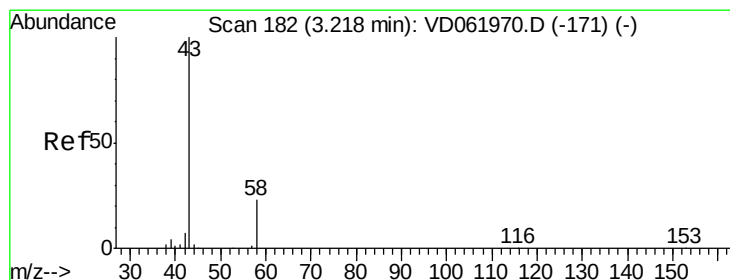
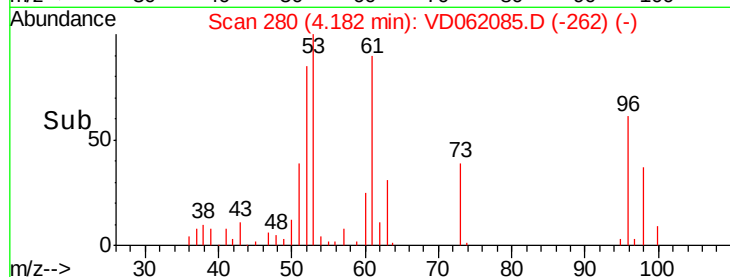
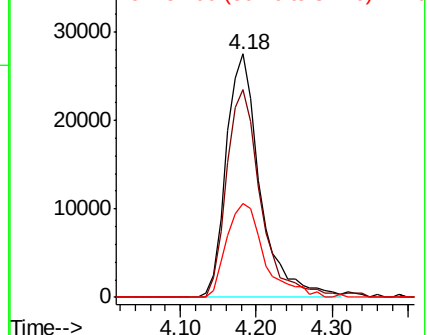
53 100

52 85.3 65.0 97.4

51 38.6 32.6 48.8



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: 110.677 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062085.D

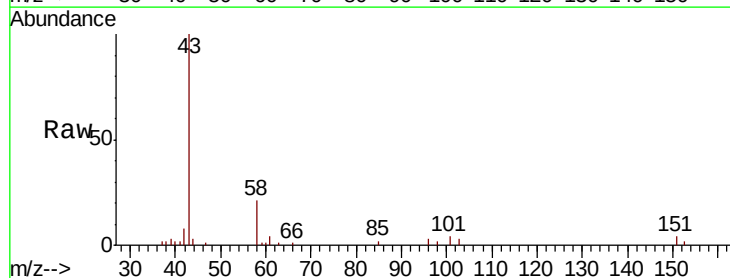
Acq: 30 Apr 2019 14:11

Tgt Ion: 43 Resp: 111903

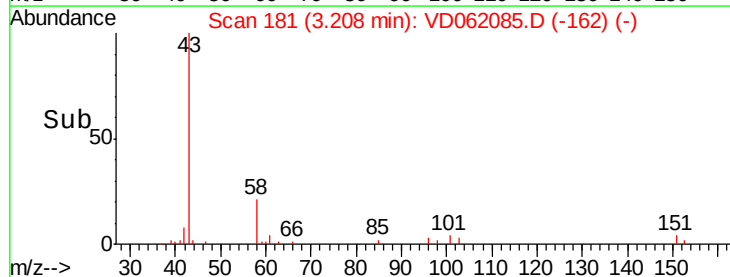
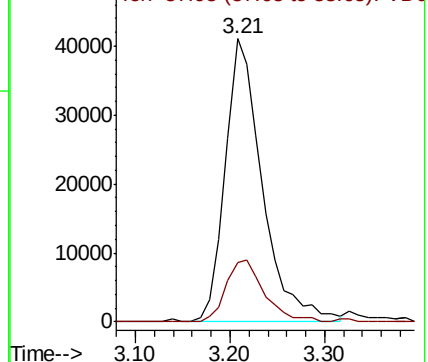
Ion Ratio Lower Upper

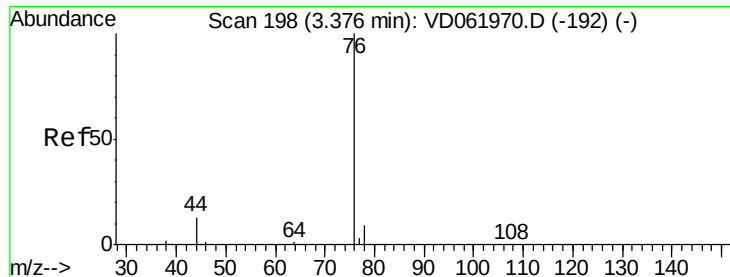
43 100

58 20.9 19.9 29.9



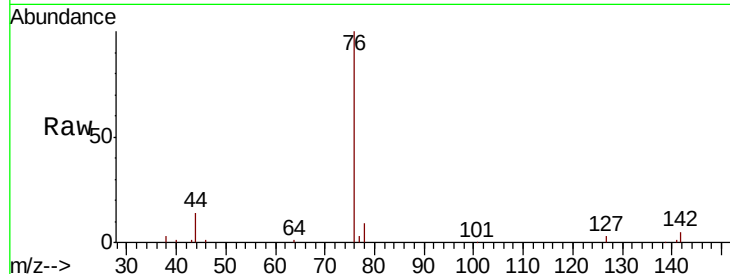
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



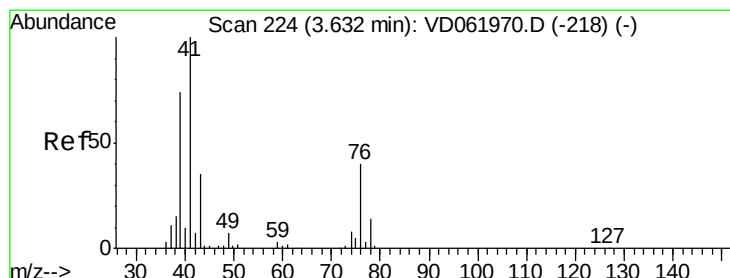
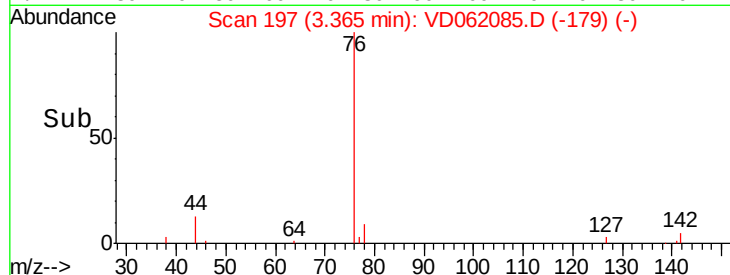
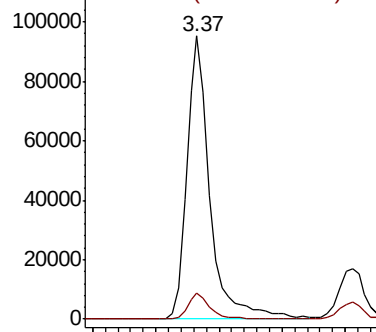


#17
Carbon Disulfide
Concen: 19.115 ug/l
RT: 3.37 min Scan# 197
Delta R.T. -0.02 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion: 76 Resp: 243605
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

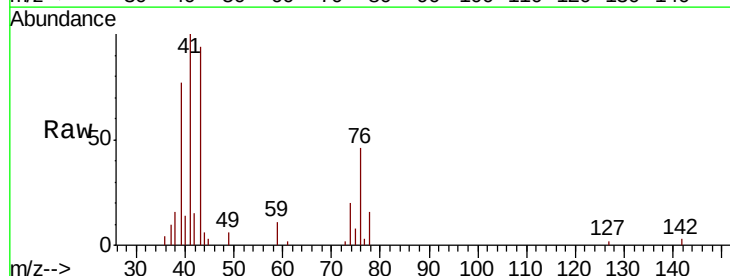


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

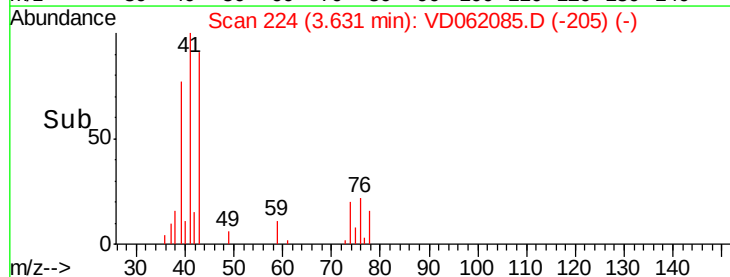
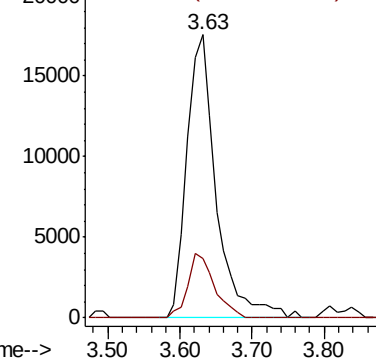


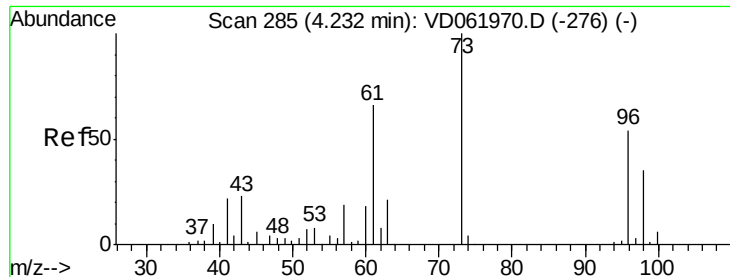
#18
Methyl Acetate
Concen: 25.816 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion: 43 Resp: 49255
Ion Ratio Lower Upper
43 100
74 21.1 18.0 27.0



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

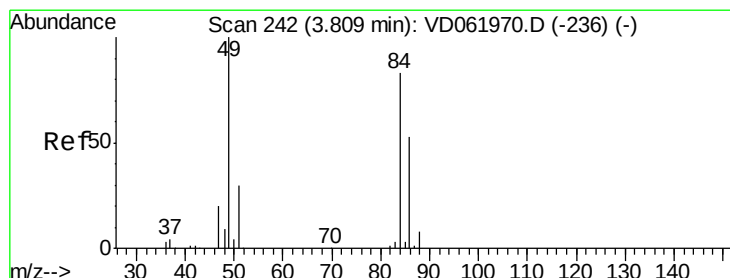
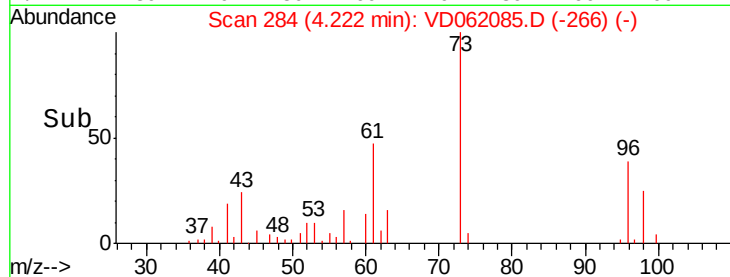
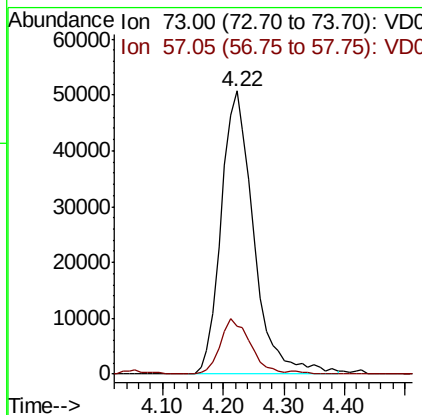
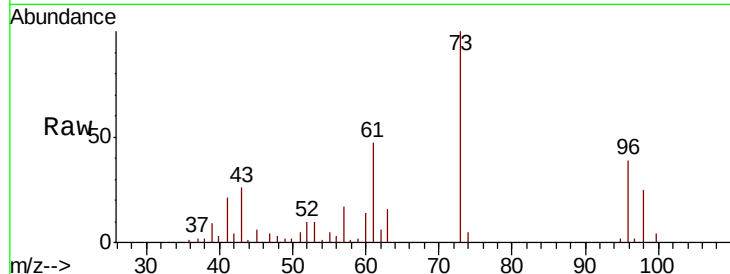




#19

Methyl tert-butyl Ether
 Concen: 21.625 ug/l
 RT: 4.22 min Scan# 284
 Delta R.T. -0.02 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

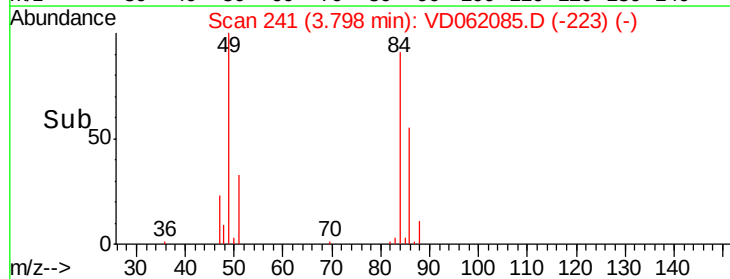
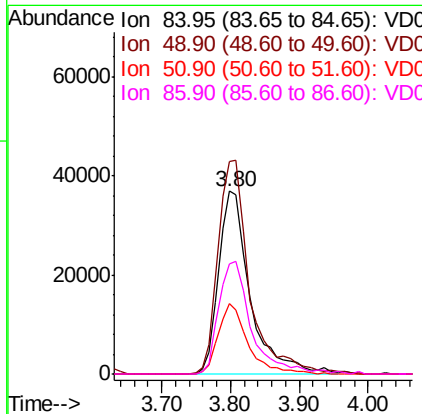
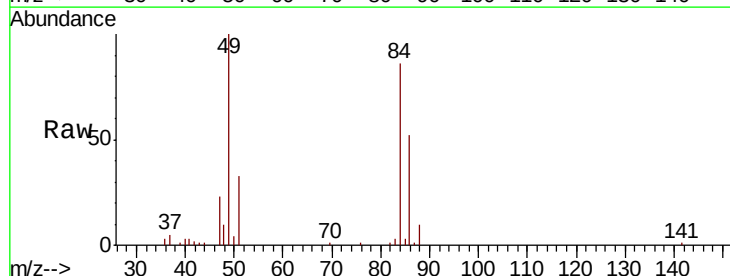
Tot Ion: 73 Resp: 189224
 Ion Ratio Lower Upper
 73 100
 57 17.1 16.3 24.5

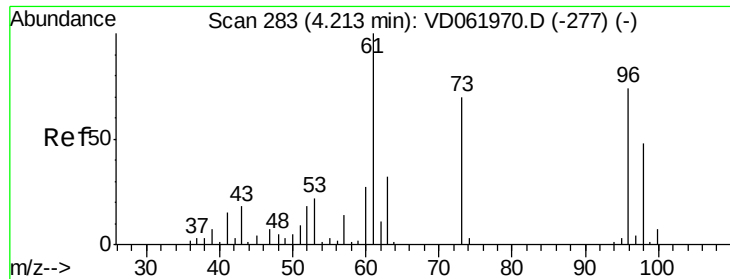


#20

Methylene Chloride
 Concen: 22.001 ug/l
 RT: 3.80 min Scan# 241
 Delta R.T. -0.02 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tgt Ion: 84 Resp: 117084
 Ion Ratio Lower Upper
 84 100
 49 116.0 94.0 141.0
 51 38.4 29.0 43.4
 86 60.4 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 20.310 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

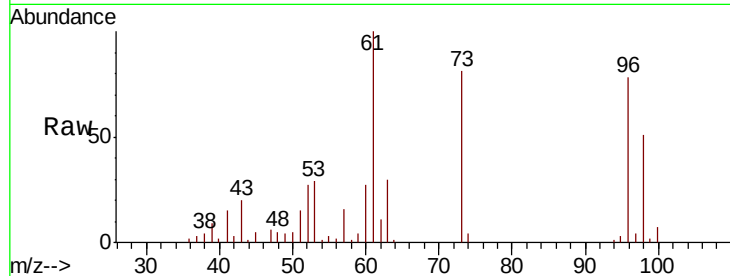
Tot Ion: 96 Resp: 102754

Ion Ratio Lower Upper

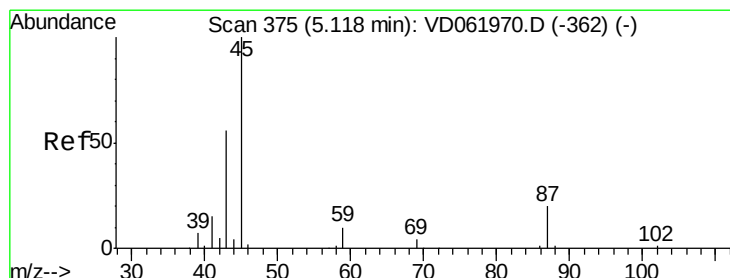
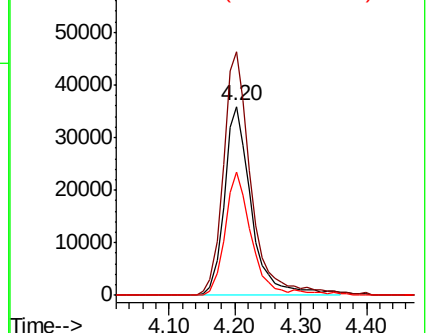
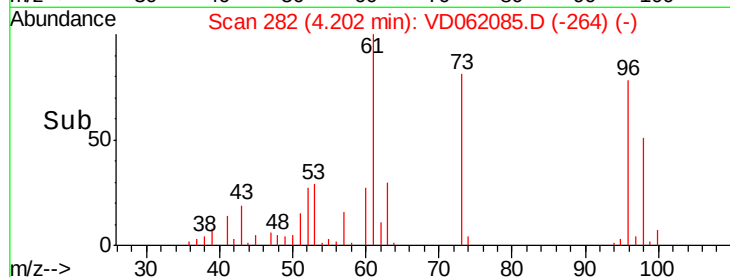
96 100

61 129.0 104.4 156.6

98 65.6 51.8 77.8



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: 20.168 ug/l

RT: 5.10 min Scan# 373

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Tgt Ion: 45 Resp: 283549

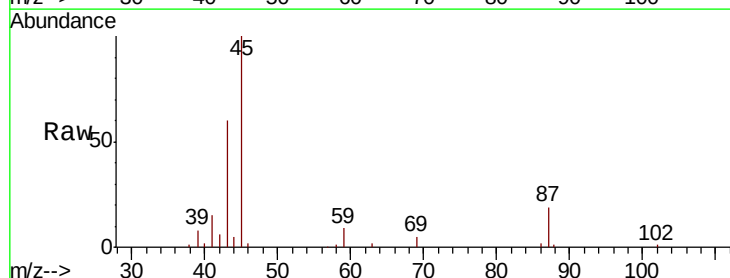
Ion Ratio Lower Upper

45 100

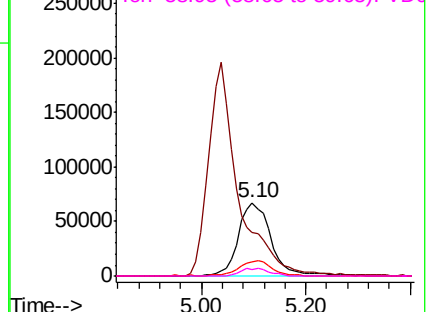
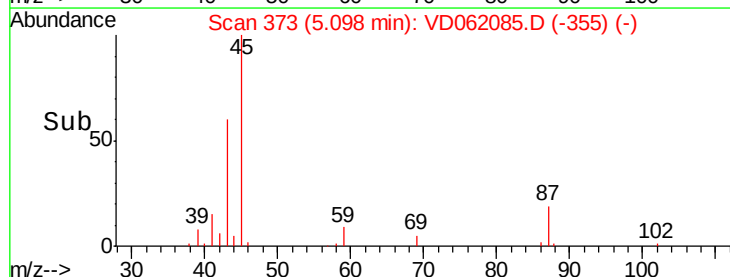
43 59.6 46.2 69.2

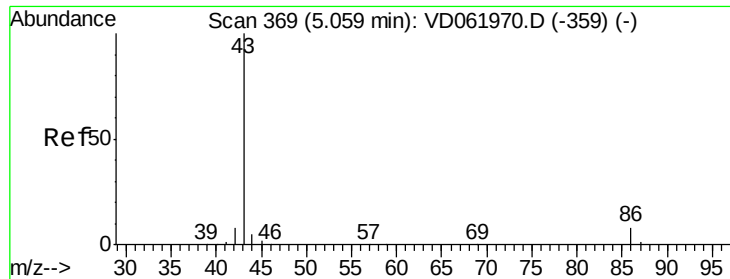
87 19.0 15.9 23.9

59 9.5 7.9 11.9



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: 104.724 ug/l

RT: 5.04 min Scan# 367

Delta R.T. -0.02 min

Lab File: VD062085.D

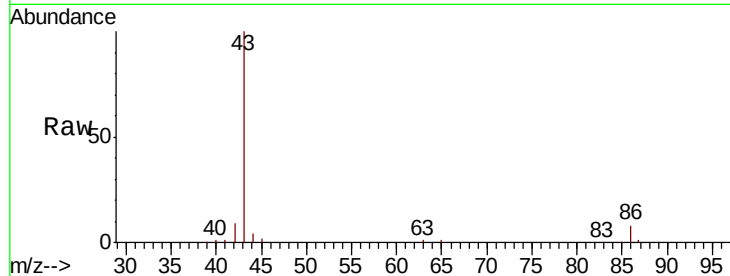
Acq: 30 Apr 2019 14:11

Tot Ion: 43 Resp: 766767

Ion Ratio Lower Upper

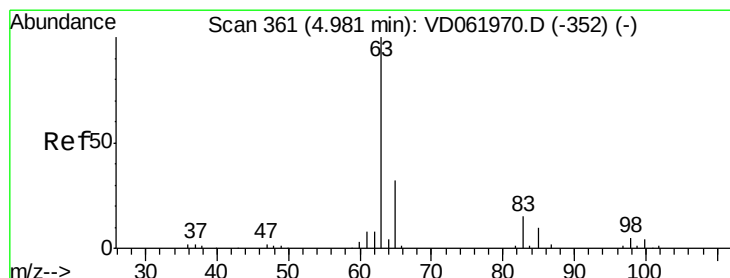
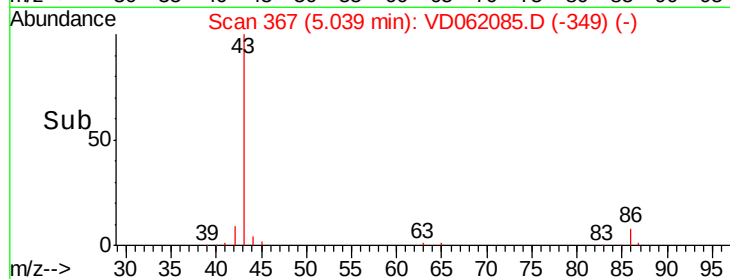
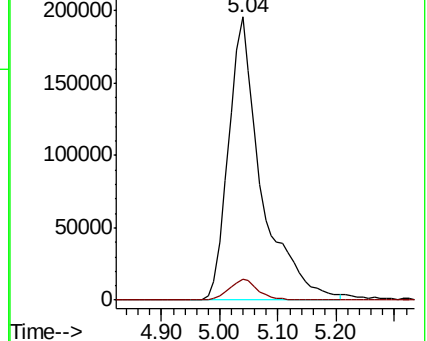
43 100

86 7.6 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.091 ug/l

RT: 4.96 min Scan# 359

Delta R.T. -0.03 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

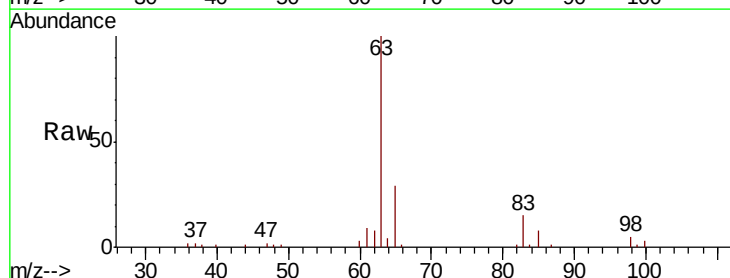
Tgt Ion: 63 Resp: 170733

Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

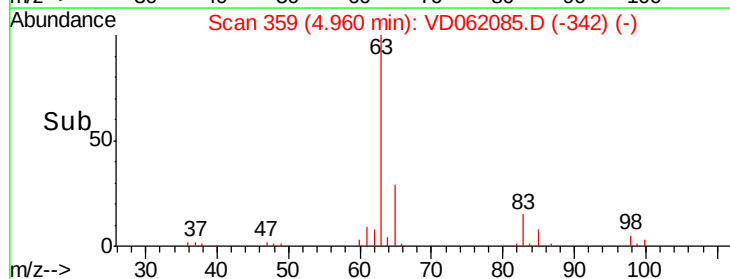
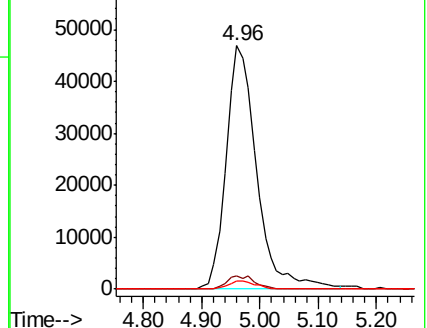
100 3.2 1.8 5.5

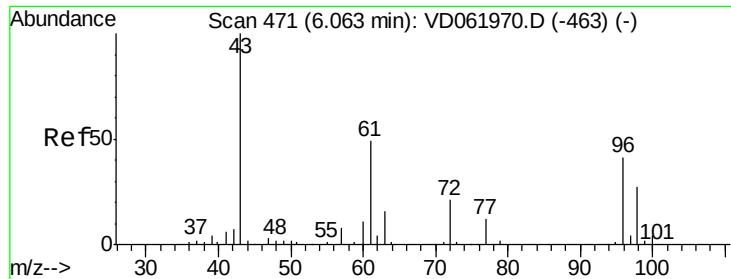


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 105.350 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.02 min

Lab File: VD062085.D

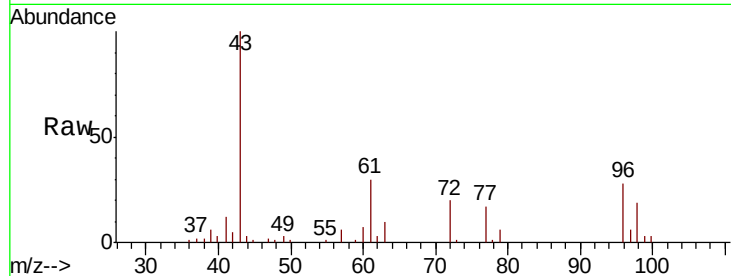
Acq: 30 Apr 2019 14:11

Tot Ion: 43 Resp: 129144

Ion Ratio Lower Upper

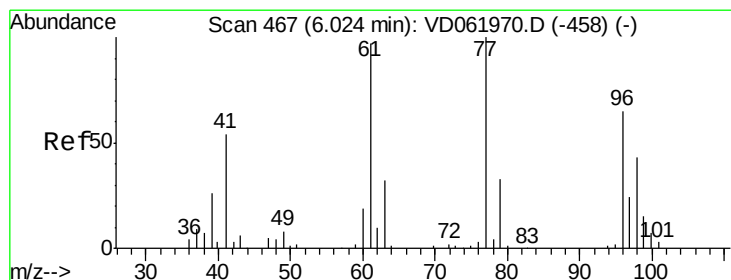
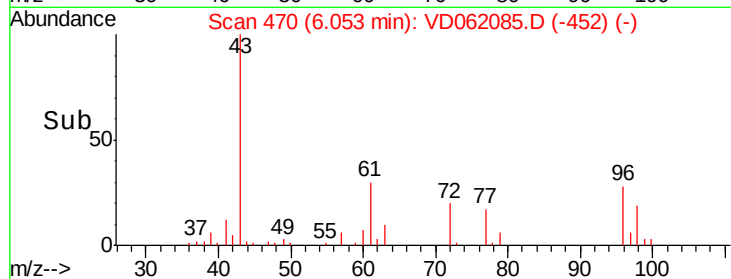
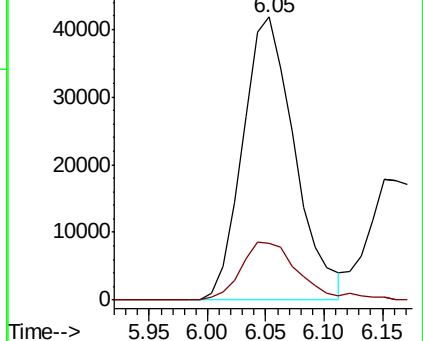
43 100

72 20.3 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.056 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD062085.D

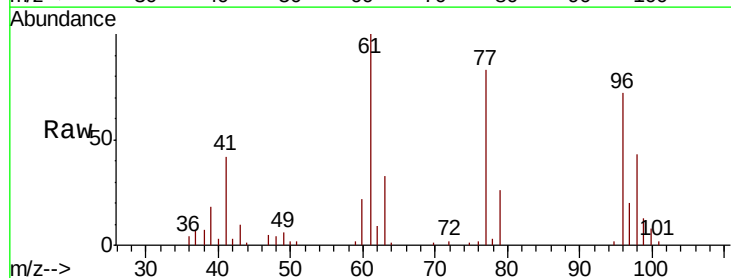
Acq: 30 Apr 2019 14:11

Tgt Ion: 77 Resp: 156100

Ion Ratio Lower Upper

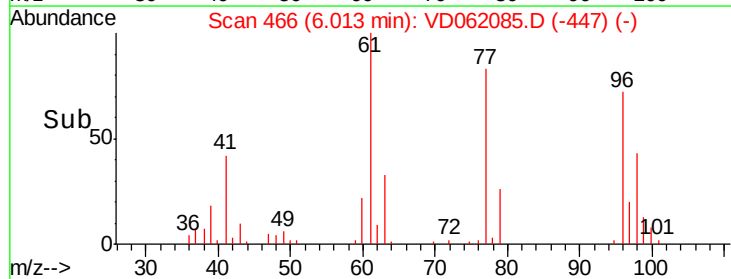
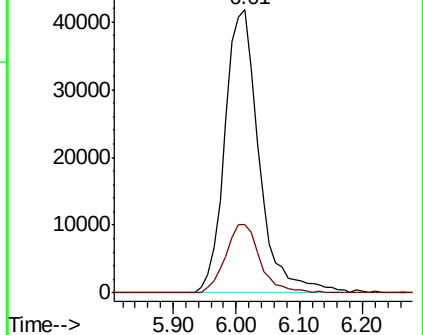
77 100

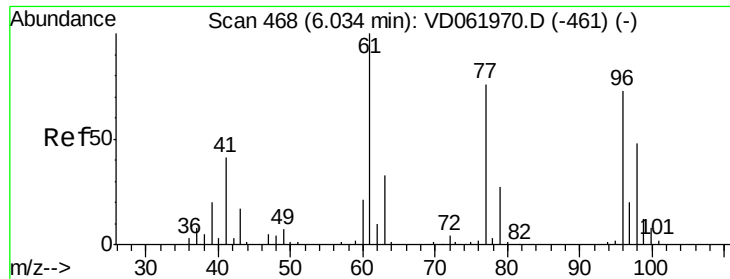
97 24.0 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

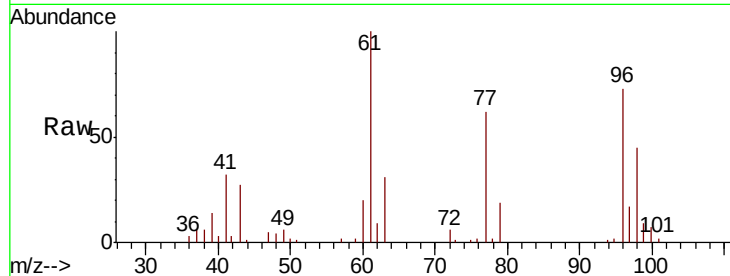
Ion 96.85 (96.55 to 97.55): VDC



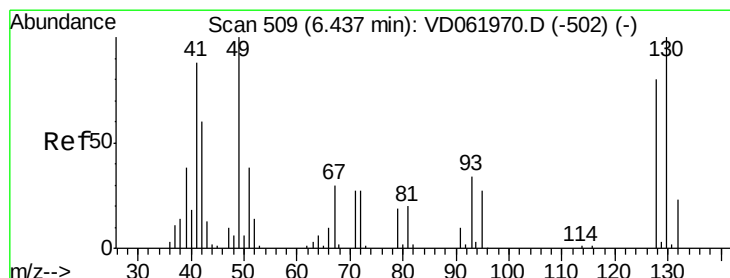
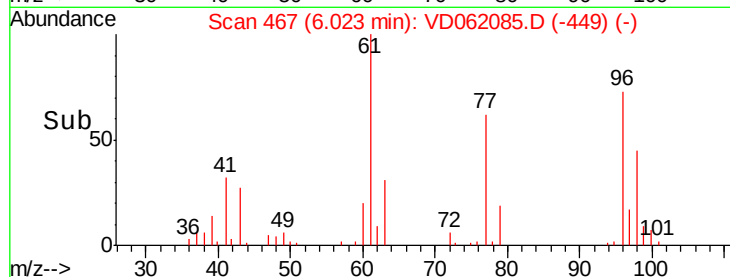
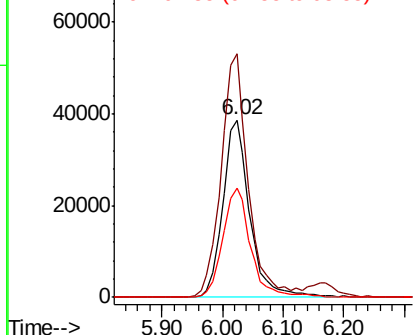


#27
 cis-1,2-Dichloroethene
 Concen: 20.735 ug/l
 RT: 6.02 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tot Ion	96	Resp	119340
Ion	Ratio	Lower	Upper
96	100		
61	137.2	0.0	279.8
98	61.3	0.0	136.0

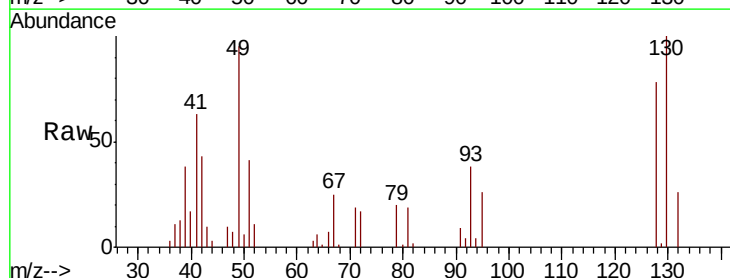


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC

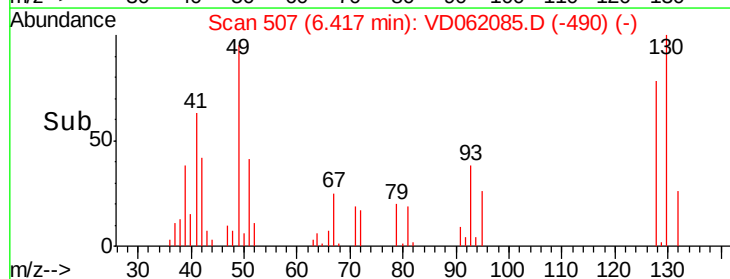
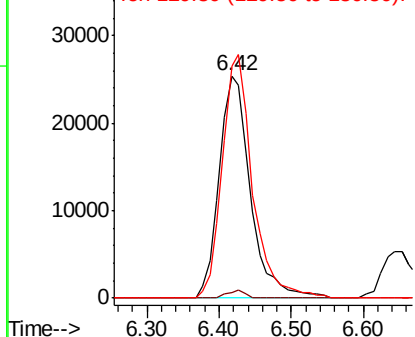


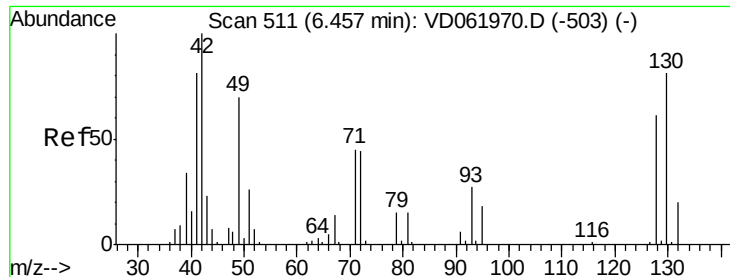
#28
 Bromochloromethane
 Concen: 23.378 ug/l
 RT: 6.42 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tgt Ion	49	Resp	76014
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.6
130	104.7	86.7	130.1



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: 105.697 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

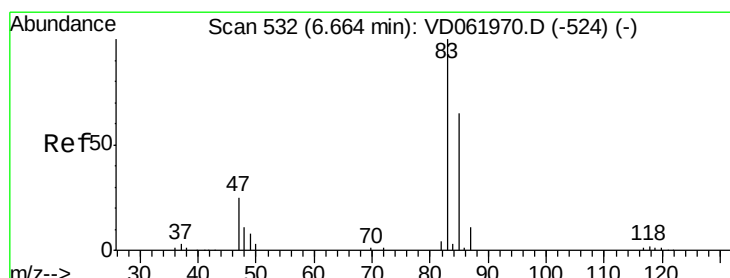
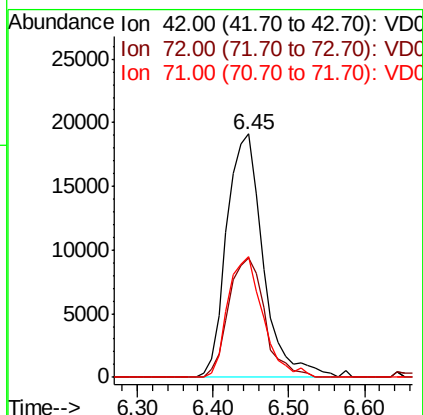
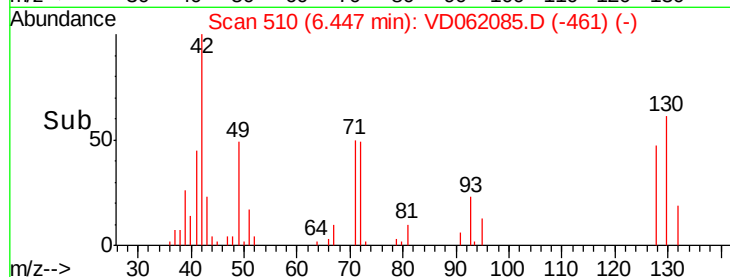
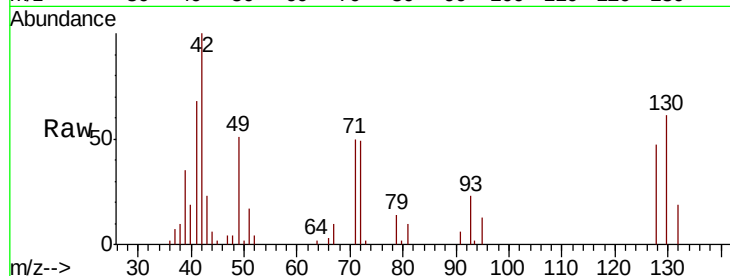
Tot Ion: 42 Resp: 63842

Ion Ratio Lower Upper

42 100

72 48.4 37.8 56.6

71 47.9 36.7 55.1



#30

Chloroform

Concen: 20.315 ug/l

RT: 6.65 min Scan# 531

Delta R.T. -0.02 min

Lab File: VD062085.D

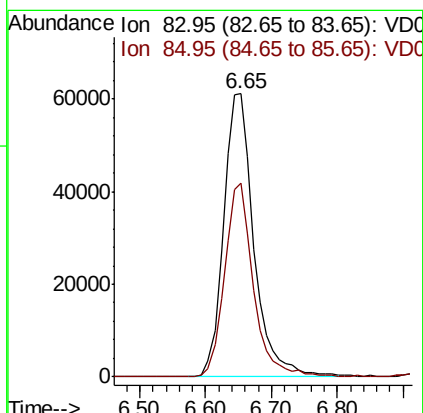
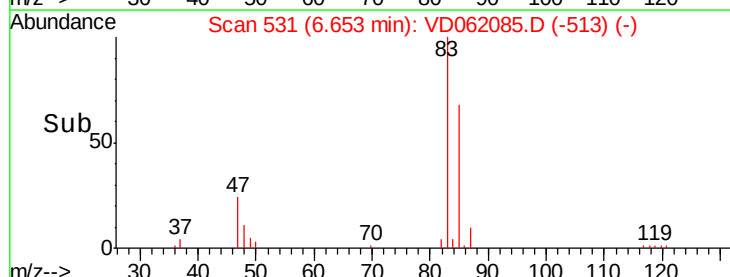
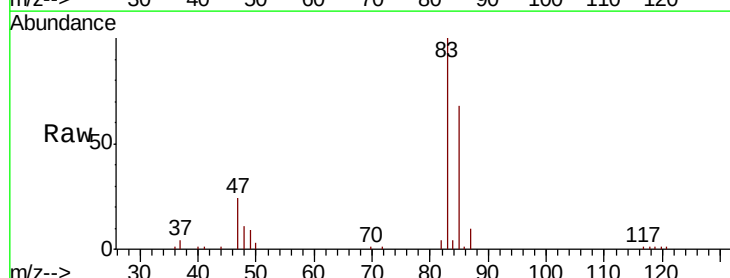
Acq: 30 Apr 2019 14:11

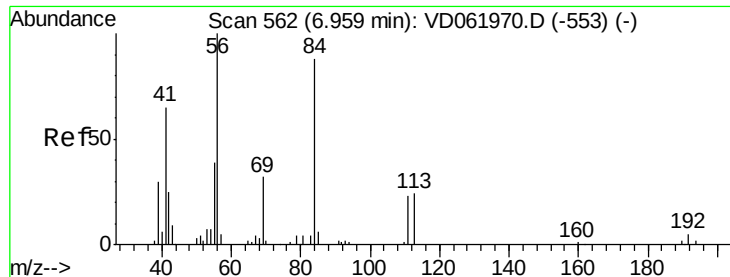
Tgt Ion: 83 Resp: 196077

Ion Ratio Lower Upper

83 100

85 68.4 51.7 77.5

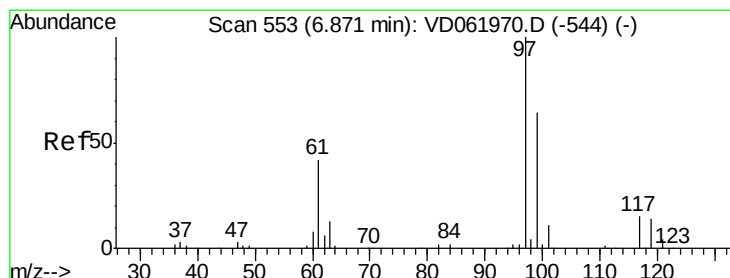
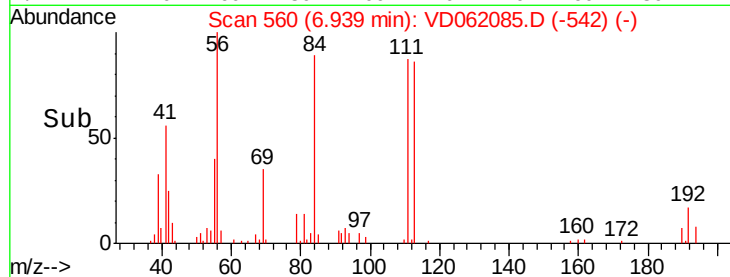
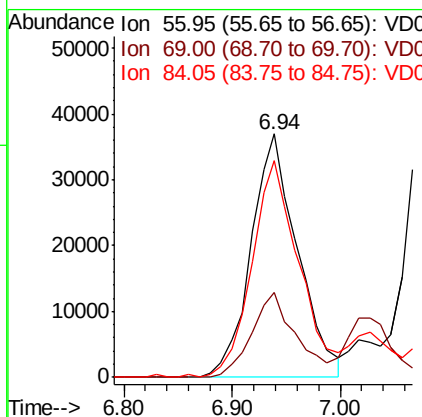
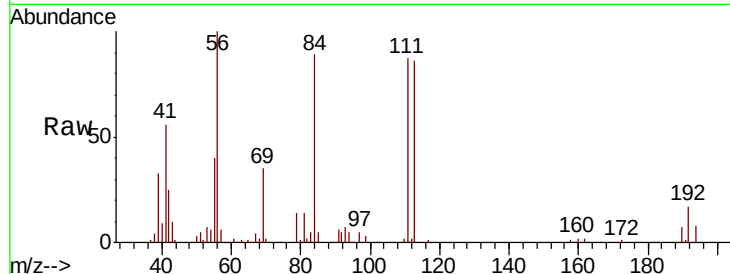




#31
Cyclohexane
Concen: 17.548 ug/l
RT: 6.94 min Scan# 560
Delta R.T. -0.02 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion: 56 Resp: 110682

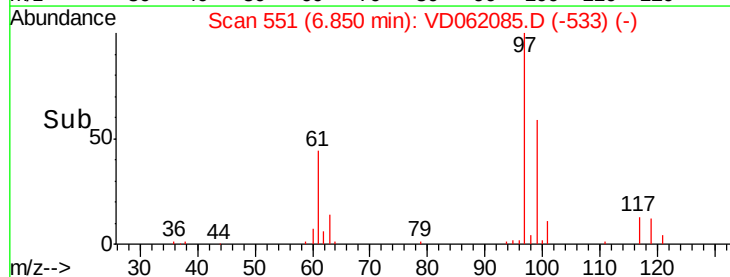
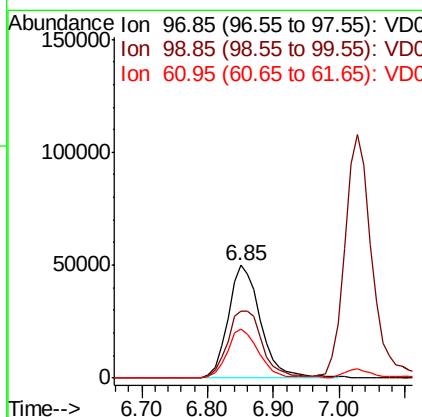
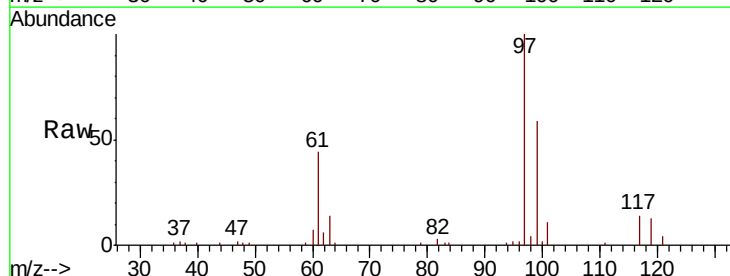
Ion	Ratio	Lower	Upper
56	100		
69	34.9	25.8	38.6
84	89.1	72.2	108.4

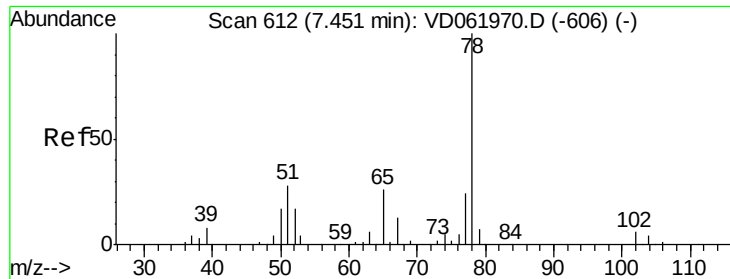


#32
1,1,1-Trichloroethane
Concen: 20.578 ug/l
RT: 6.85 min Scan# 551
Delta R.T. -0.02 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion: 97 Resp: 172817

Ion	Ratio	Lower	Upper
97	100		
99	59.1	52.2	78.2
61	43.9	32.4	48.6





#33

1,2-Dichloroethane-d4

Concen: 53.160 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062085.D

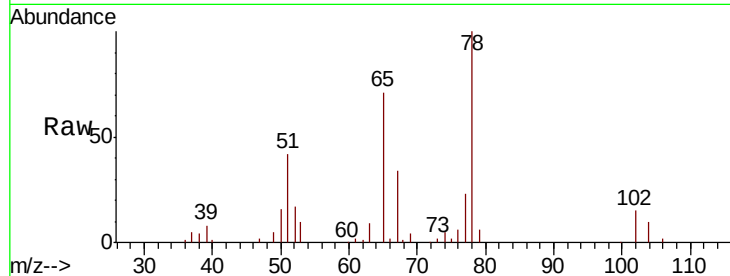
Acq: 30 Apr 2019 14:11

Tot Ion: 65 Resp: 225109

Ion Ratio Lower Upper

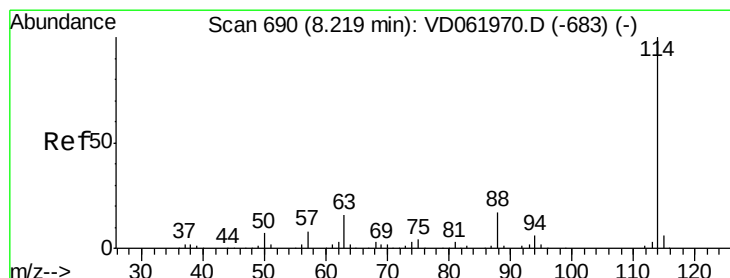
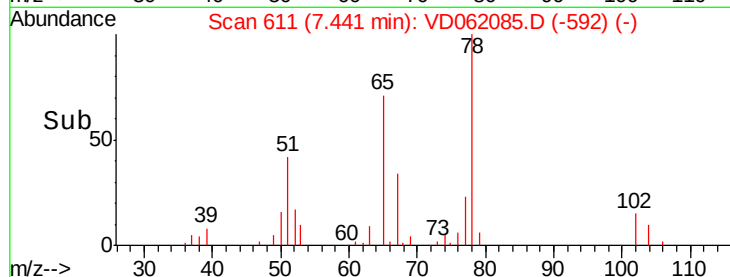
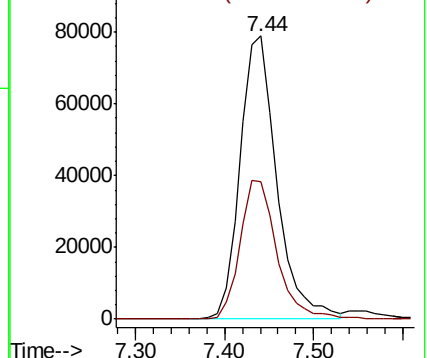
65 100

67 48.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

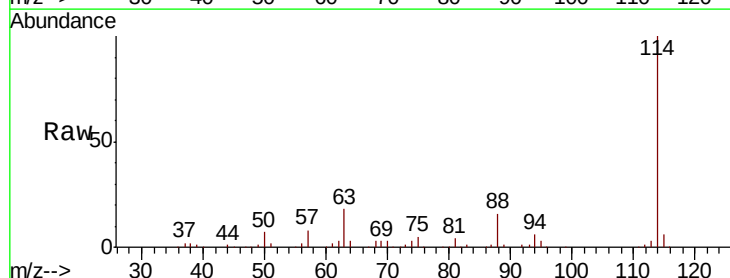
Tgt Ion: 114 Resp: 855303

Ion Ratio Lower Upper

114 100

63 17.7 0.0 32.4

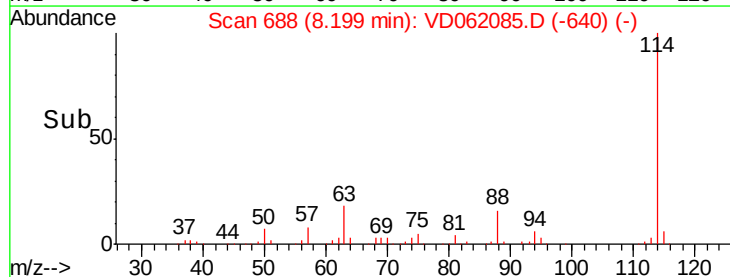
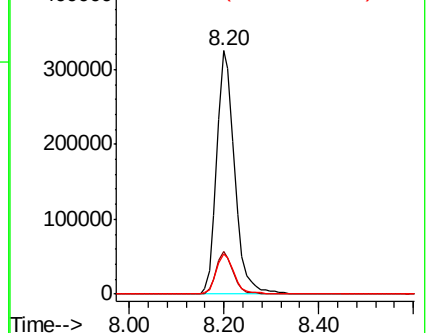
88 16.4 0.0 33.6

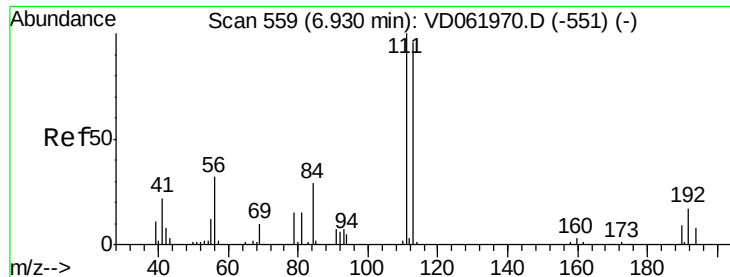


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 52.687 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

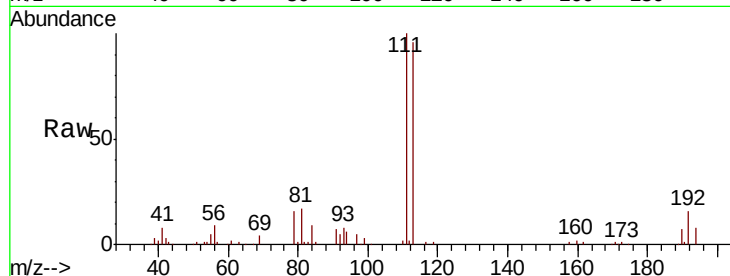
Tot Ion:113 Resp: 311656

Ion Ratio Lower Upper

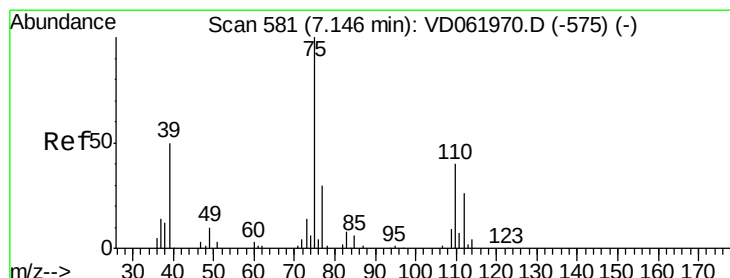
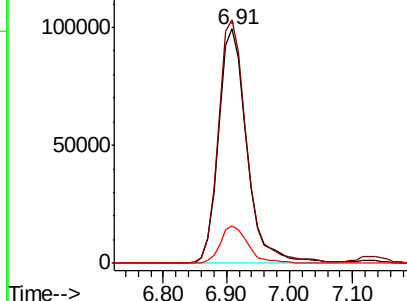
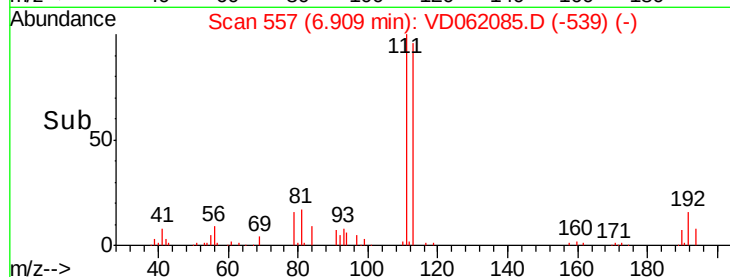
113 100

111 103.9 78.5 117.7

192 16.1 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 20.655 ug/l

RT: 7.13 min Scan# 579

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

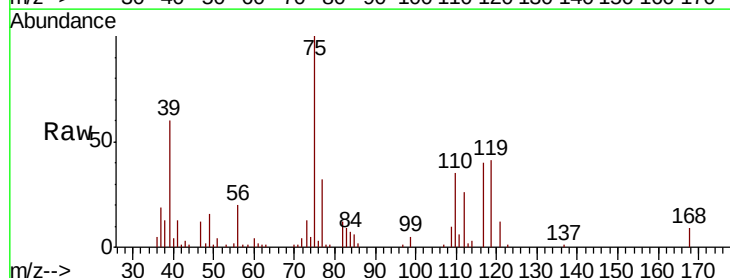
Tgt Ion: 75 Resp: 137637

Ion Ratio Lower Upper

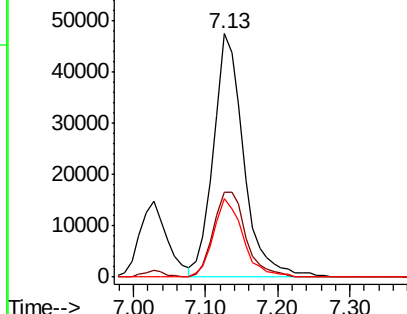
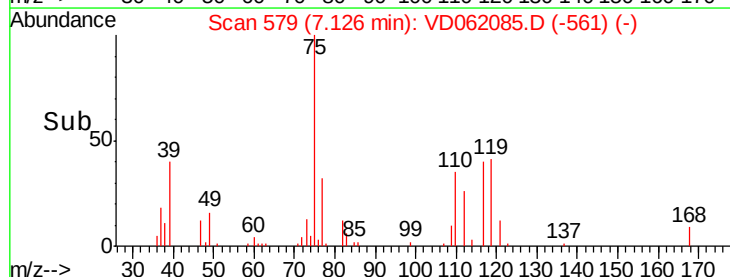
75 100

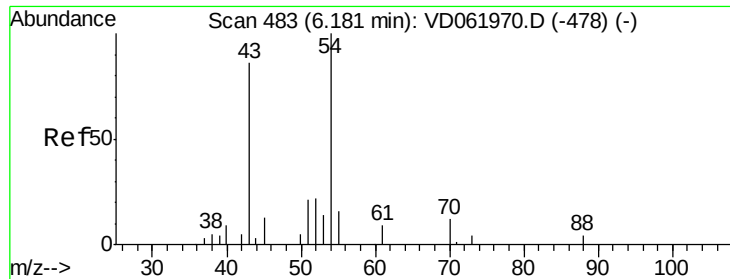
110 34.9 19.1 57.1

77 32.1 25.6 38.4



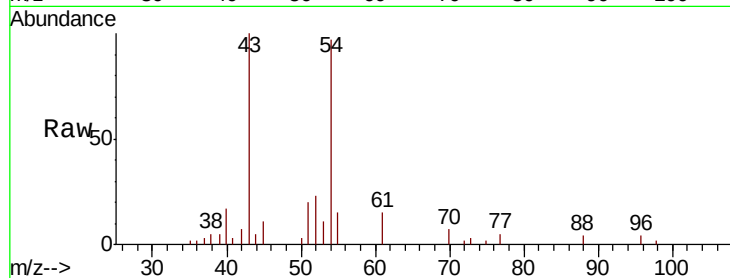
Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V



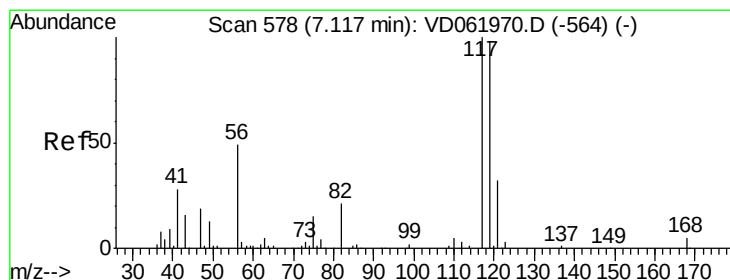
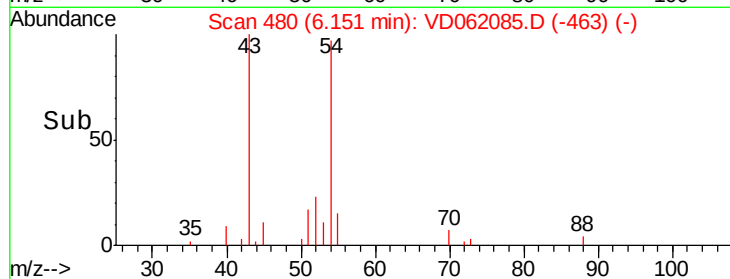
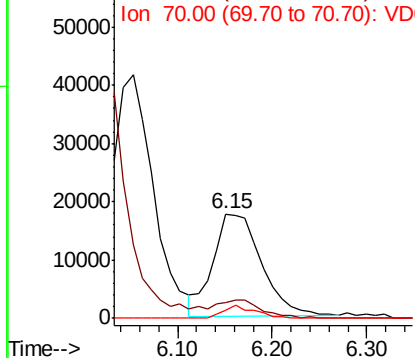


#37
Ethyl Acetate
Concen: 21.928 ug/l
RT: 6.15 min Scan# 480
Delta R.T. -0.03 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion: 43 Resp: 62269
Ion Ratio Lower Upper
43 100
61 14.7 14.7 22.1#
70 7.4 7.8 11.6#

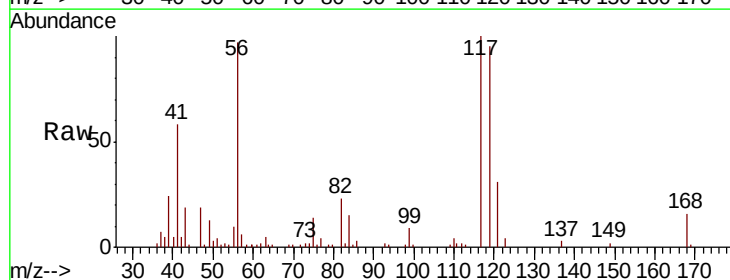


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

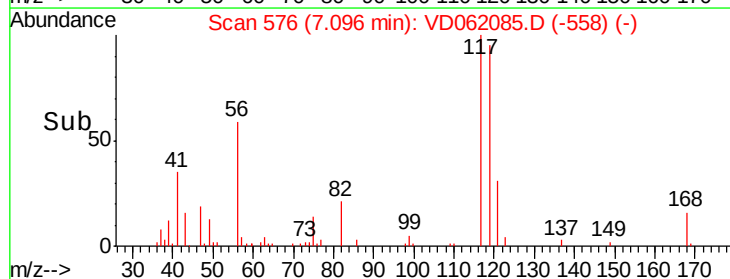
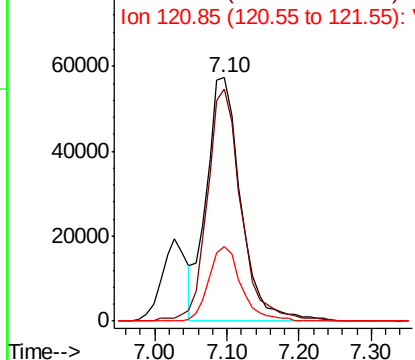


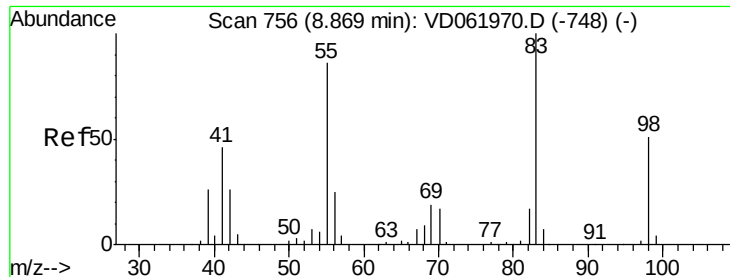
#38
Carbon Tetrachloride
Concen: 22.230 ug/l
RT: 7.10 min Scan# 576
Delta R.T. -0.02 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion: 117 Resp: 187707
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
121 30.8 25.9 38.9



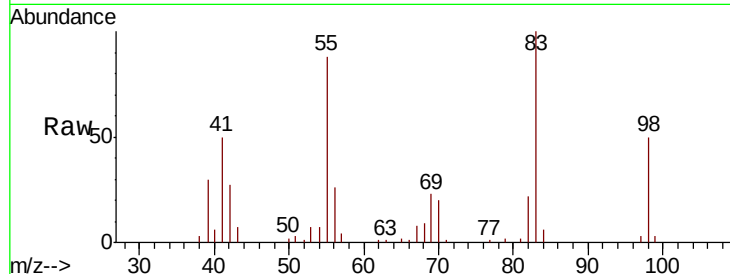
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



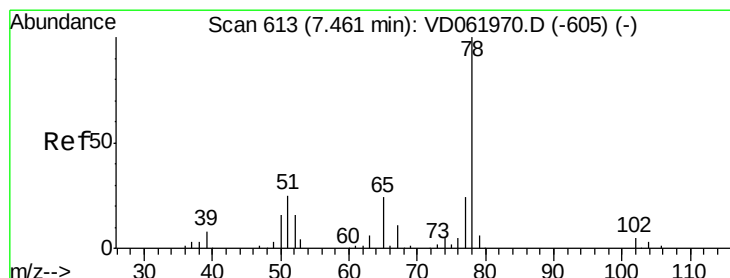
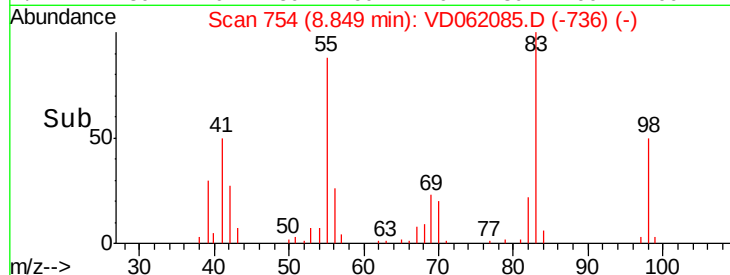
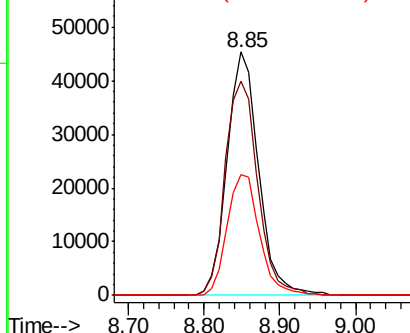


#39
Methylvlcyclohexane
Concen: 19.873 ug/l
RT: 8.85 min Scan# 754
Delta R.T. -0.02 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion: 83 Resp: 130655
Ion Ratio Lower Upper
83 100
55 88.0 68.2 102.4
98 49.6 38.2 57.4

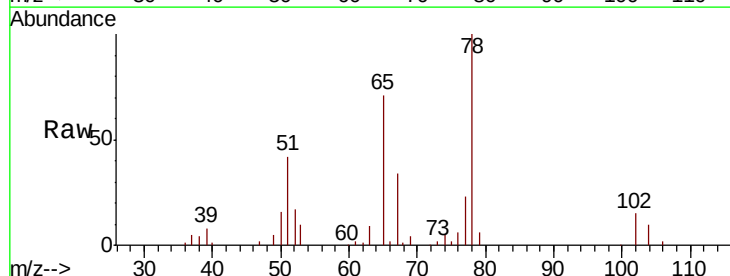


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

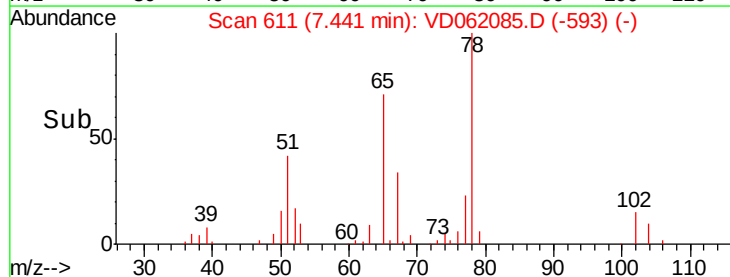
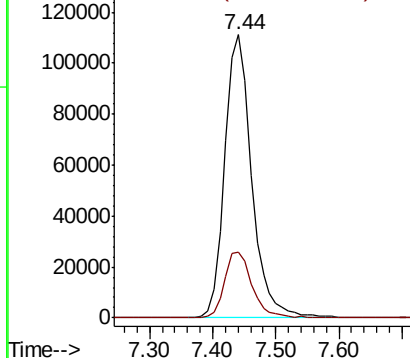


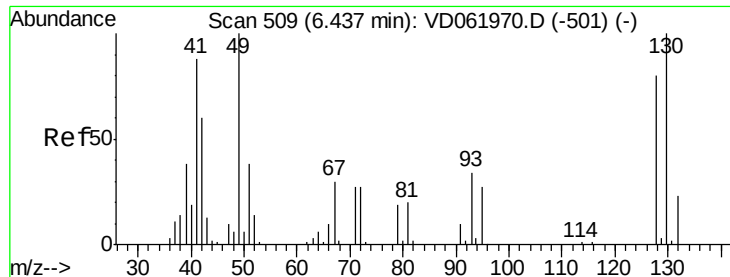
#40
Benzene
Concen: 19.956 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion: 78 Resp: 329226
Ion Ratio Lower Upper
78 100
77 23.3 19.7 29.5



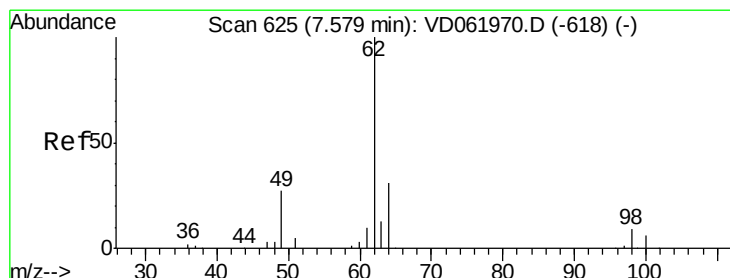
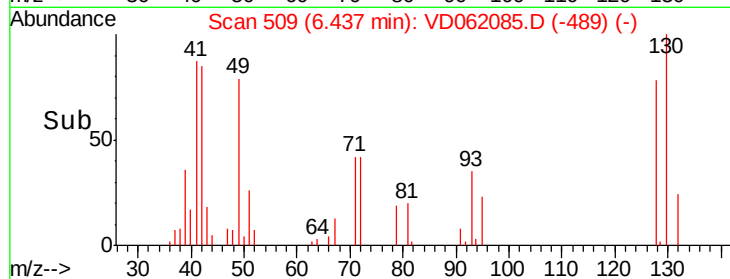
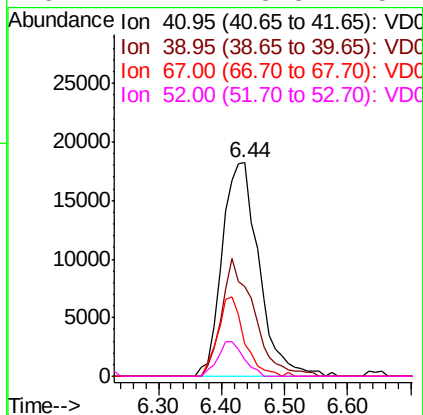
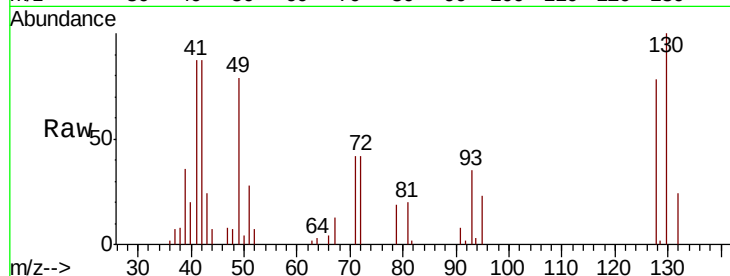
Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





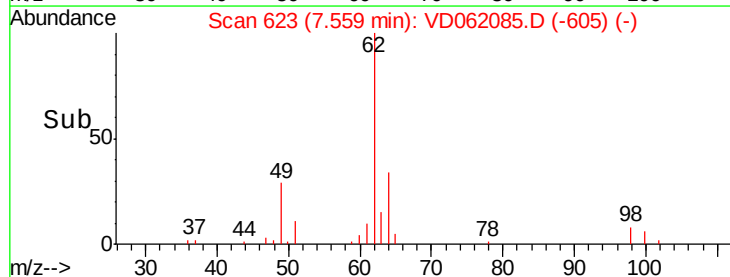
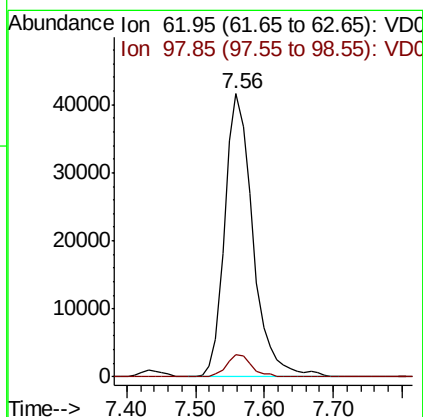
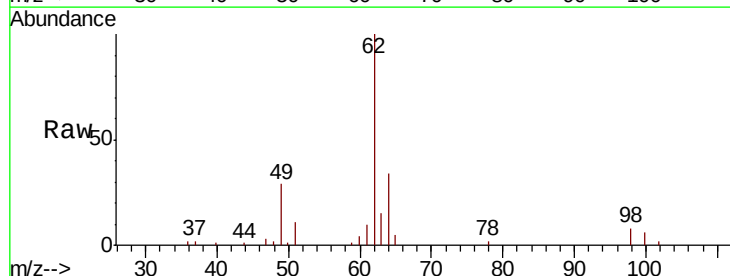
#41
Methacrylonitrile
Concen: 22.252 ug/l
RT: 6.44 min Scan# 509
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

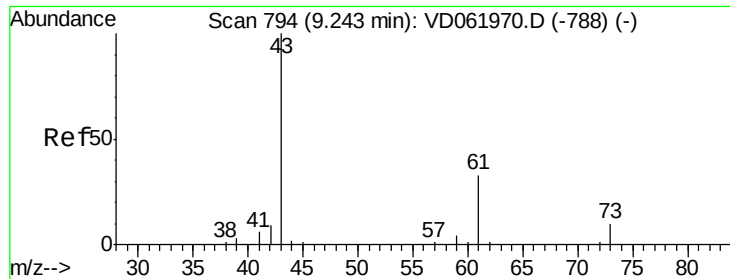
Tot Ion: 41 Resp: 73725
Ion Ratio Lower Upper
41 100
39 42.1 34.1 51.1
67 14.8 23.8 35.6#
52 7.7 8.8 13.2#



#42
1,2-Dichloroethane
Concen: 21.025 ug/l
RT: 7.56 min Scan# 623
Delta R.T. -0.02 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion: 62 Resp: 117768
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.8





#43

Isopropyl Acetate

Concen: 21.289 ug/l

RT: 9.22 min Scan# 792

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

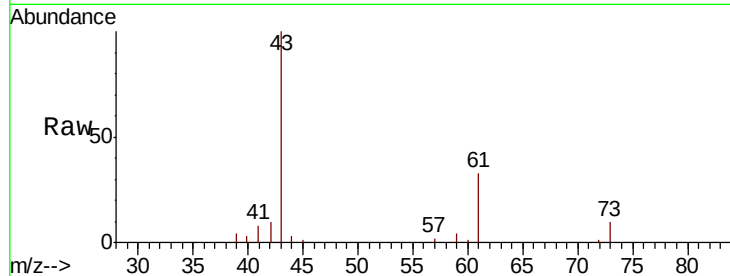
Tot Ion: 43 Resp: 88331

Ion Ratio Lower Upper

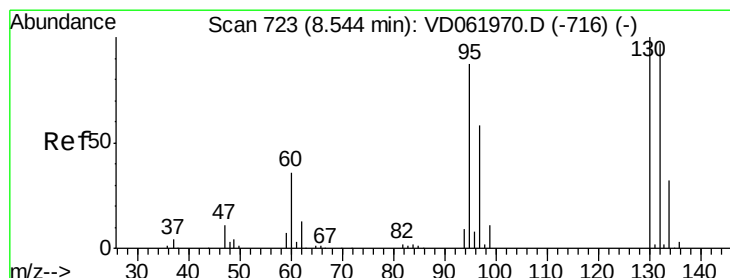
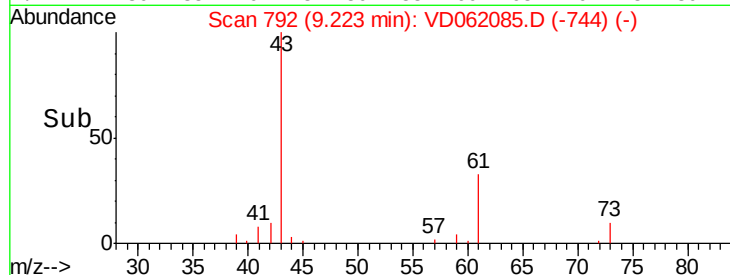
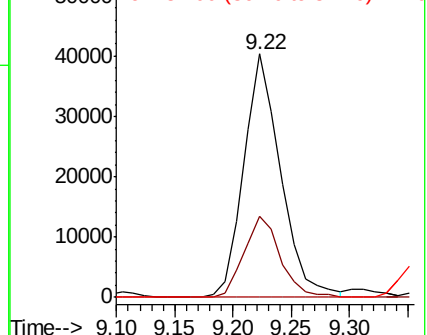
43 100

61 33.4 25.1 37.7

87 0.0 0.0 0.0



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: 20.635 ug/l

RT: 8.52 min Scan# 721

Delta R.T. -0.02 min

Lab File: VD062085.D

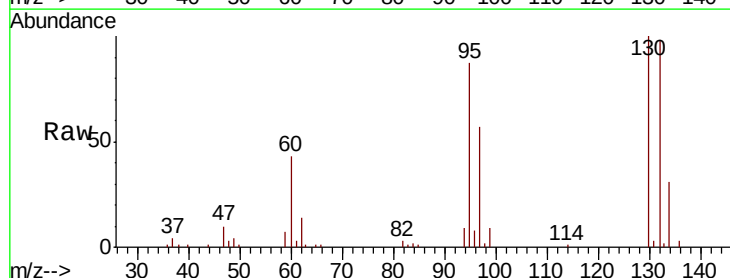
Acq: 30 Apr 2019 14:11

Tgt Ion: 130 Resp: 131975

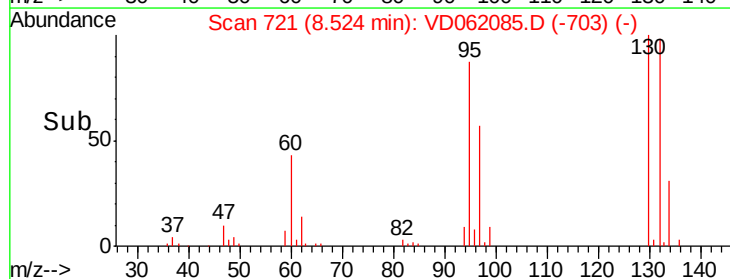
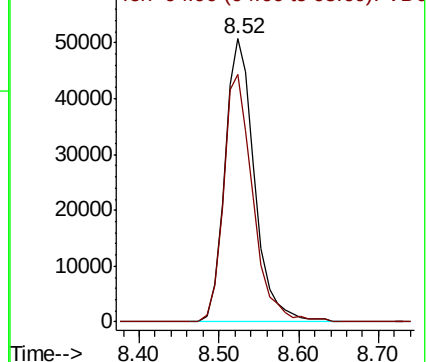
Ion Ratio Lower Upper

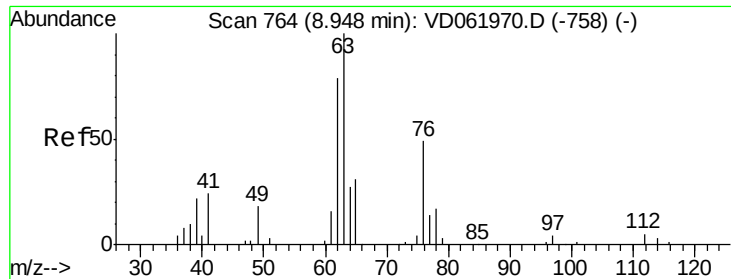
130 100

95 87.5 0.0 174.0



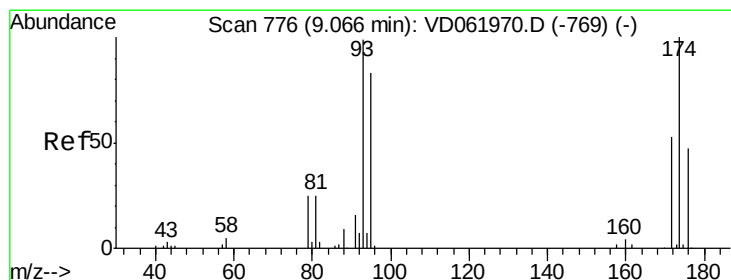
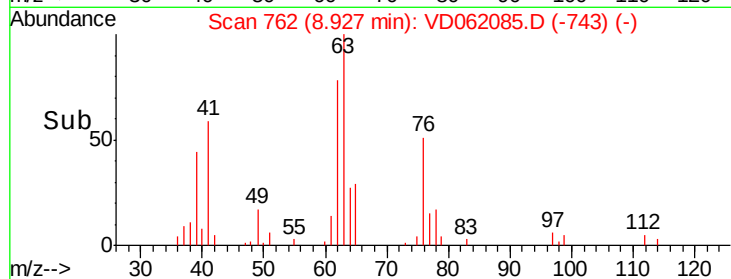
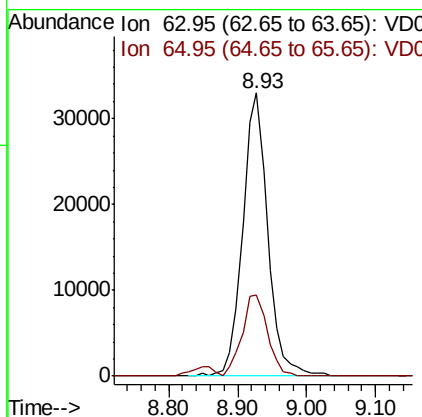
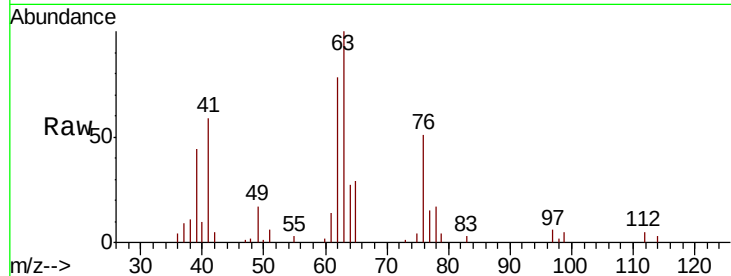
Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





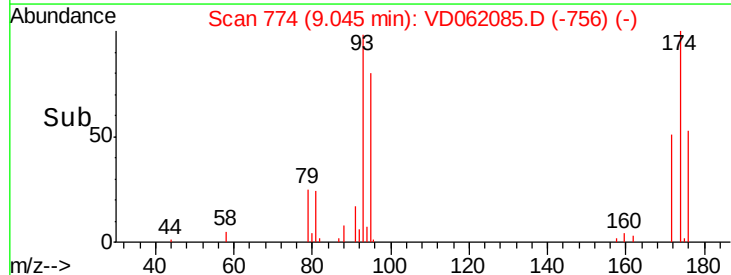
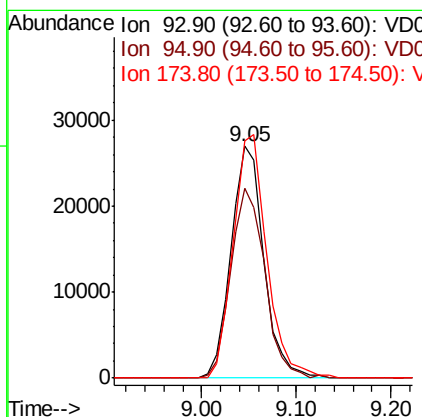
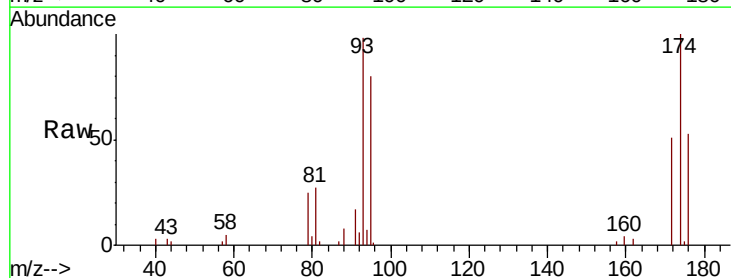
#45
 1,2-Dichloropropane
 Concen: 19.887 ug/l
 RT: 8.93 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

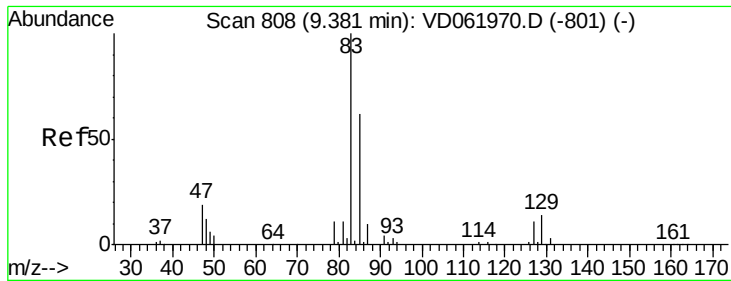
Tot Ion: 63 Resp: 83232
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.8 35.6



#46
 Dibromomethane
 Concen: 21.447 ug/l
 RT: 9.05 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tgt Ion: 93 Resp: 64586
 Ion Ratio Lower Upper
 93 100
 95 81.8 64.8 97.2
 174 102.6 79.3 118.9





#47

Bromodichloromethane

Concen: 21.348 ug/l

RT: 9.36 min Scan# 806

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

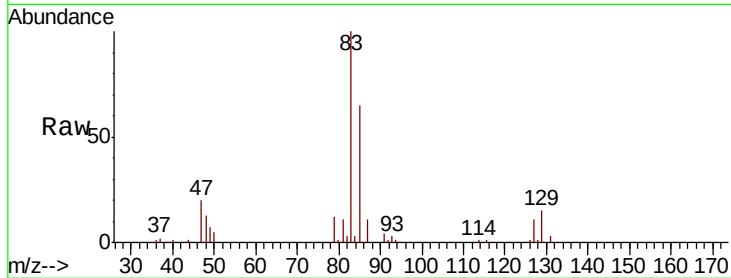
Tot Ion: 83 Resp: 151904

Ion Ratio Lower Upper

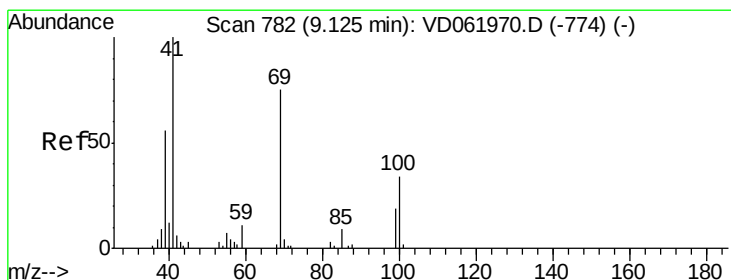
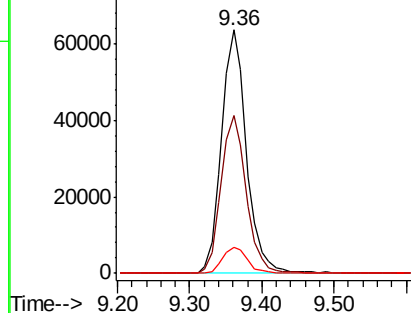
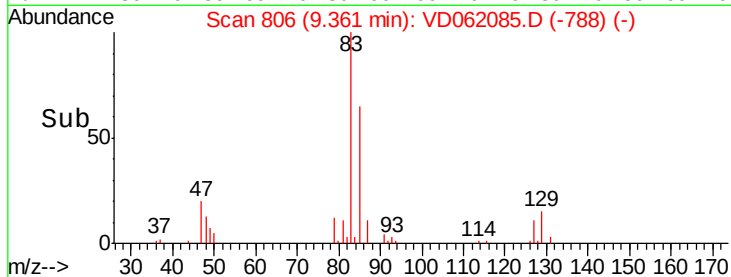
83 100

85 64.8 50.9 76.3

127 10.8 8.1 12.1



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



#48

Methyl methacrylate

Concen: 21.284 ug/l

RT: 9.10 min Scan# 780

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

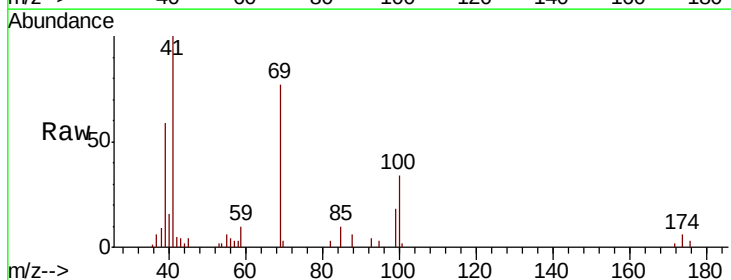
Tgt Ion: 41 Resp: 50385

Ion Ratio Lower Upper

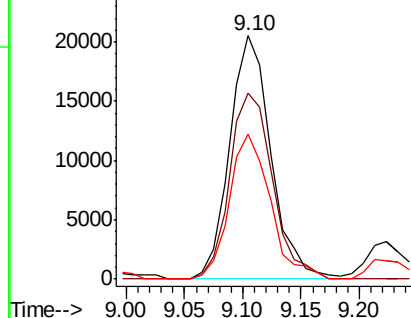
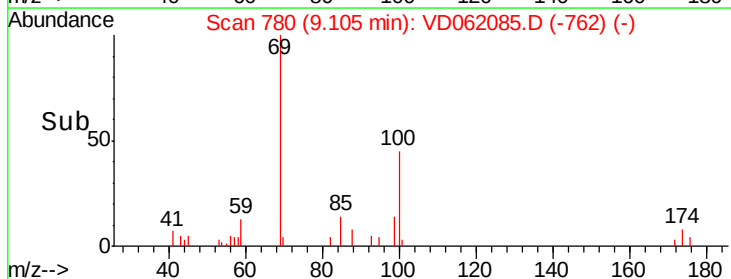
41 100

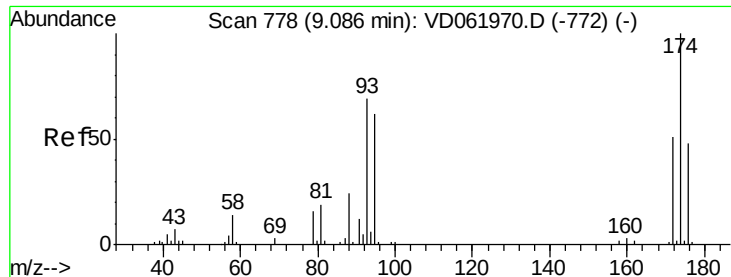
69 76.6 64.2 96.2

39 59.5 46.8 70.2



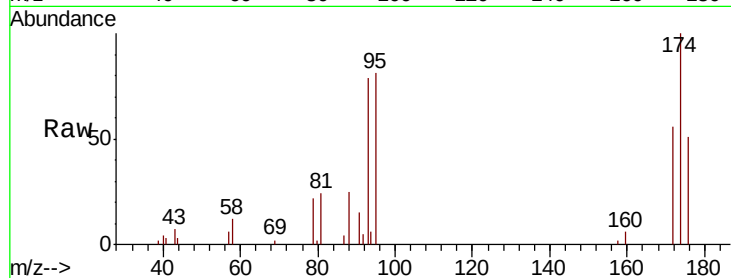
Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC



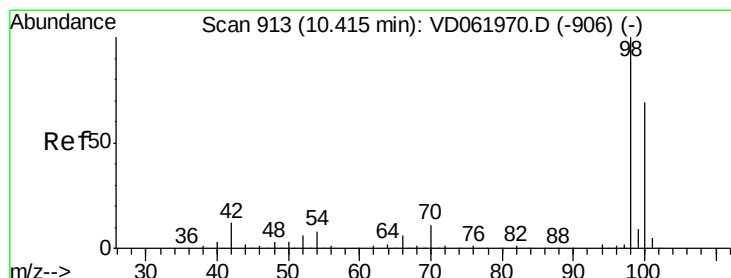
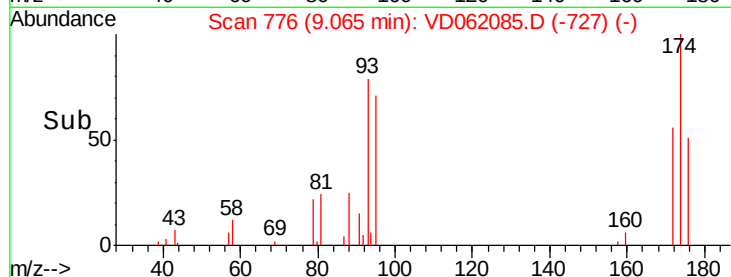
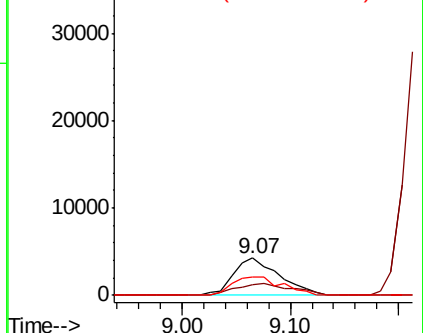


#49
1,4-Dioxane
Concen: 494.350 ug/l
RT: 9.07 min Scan# 776
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion: 88 Resp: 12617
Ion Ratio Lower Upper
88 100
43 29.2 23.4 35.0
58 48.4 44.0 66.0

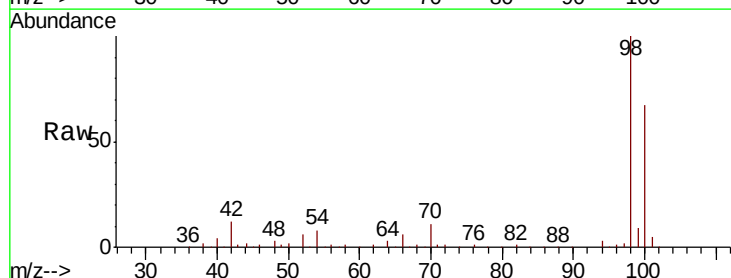


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

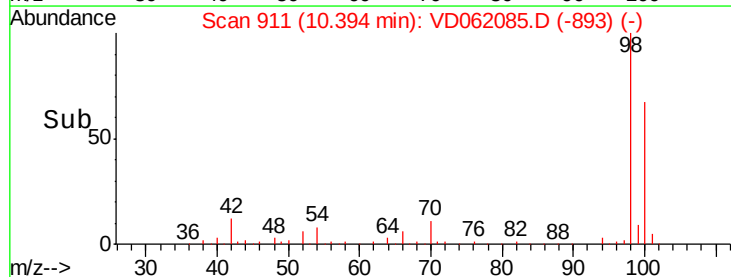
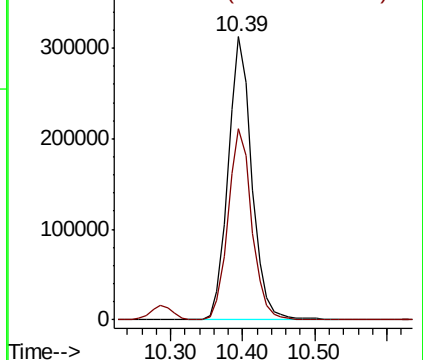


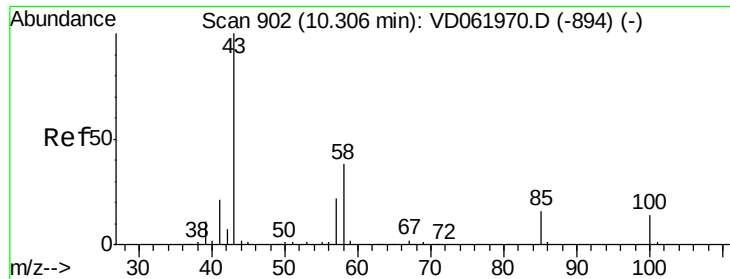
#50
Toluene-d8
Concen: 50.532 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion: 98 Resp: 711252
Ion Ratio Lower Upper
98 100
100 67.5 53.8 80.8



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: 110.637 ug/l

RT: 10.29 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD062085.D

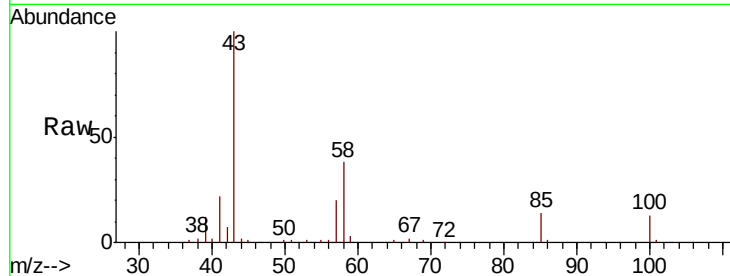
Acq: 30 Apr 2019 14:11

Tot Ion: 43 Resp: 280735

Ion Ratio Lower Upper

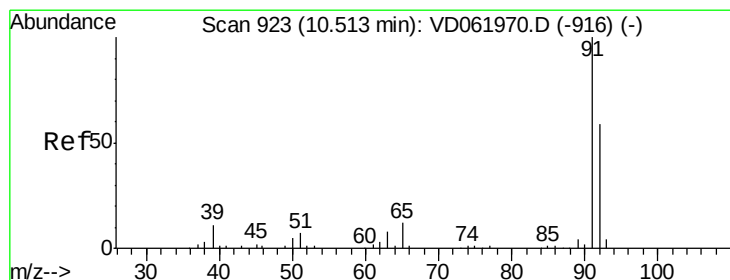
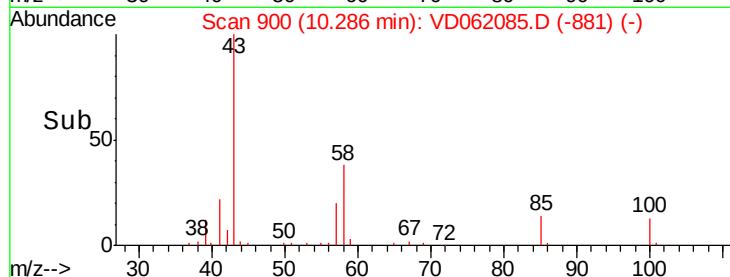
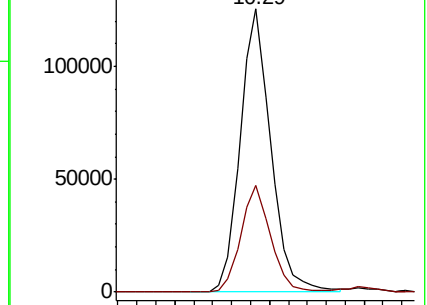
43 100

58 37.6 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 20.193 ug/l

RT: 10.49 min Scan# 921

Delta R.T. -0.02 min

Lab File: VD062085.D

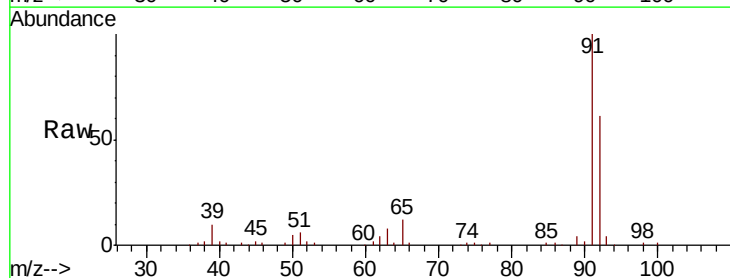
Acq: 30 Apr 2019 14:11

Tgt Ion: 92 Resp: 212404

Ion Ratio Lower Upper

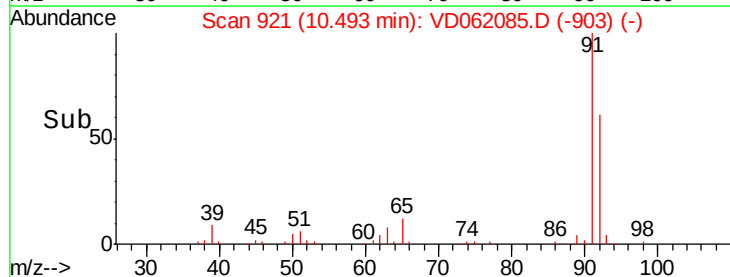
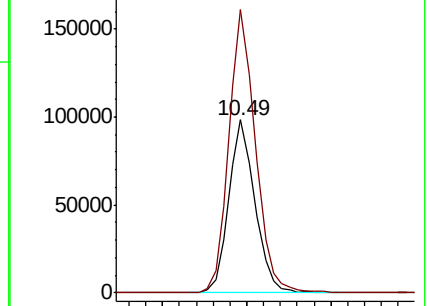
92 100

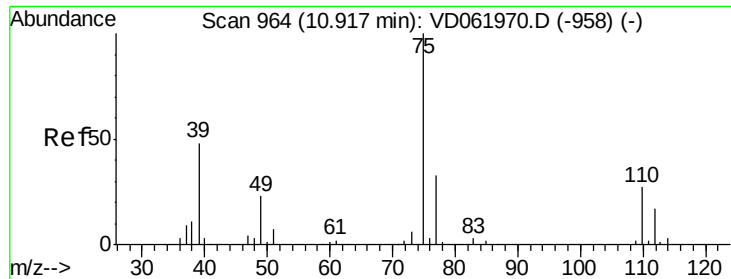
91 163.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 22.293 ug/l

RT: 10.90 min Scan# 962

Delta R.T. -0.02 min

Lab File: VD062085.D

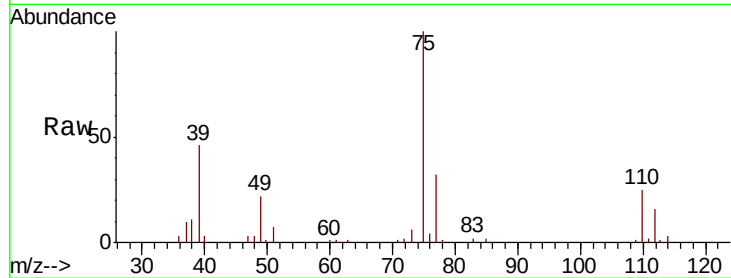
Acq: 30 Apr 2019 14:11

Tot Ion: 75 Resp: 133152

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

10.90

80000

60000

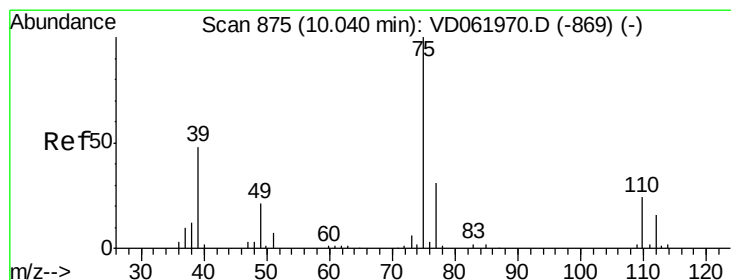
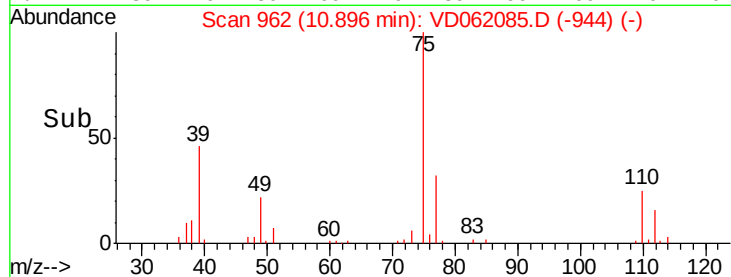
40000

20000

0

Time-->

10.80 10.90 11.00



#54

cis-1,3-Dichloropropene

Concen: 21.060 ug/l

RT: 10.02 min Scan# 873

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

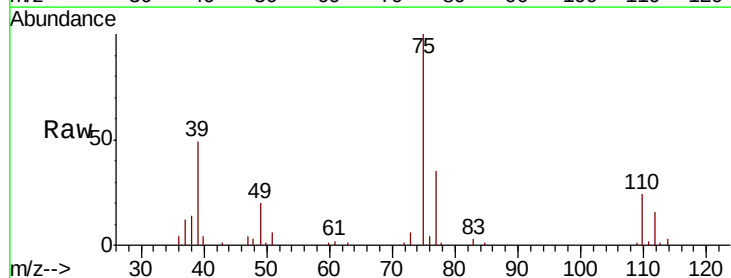
Tgt Ion: 75 Resp: 152988

Ion Ratio Lower Upper

75 100

77 34.8 25.5 38.3

39 49.1 39.4 59.2



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

10.02

80000

60000

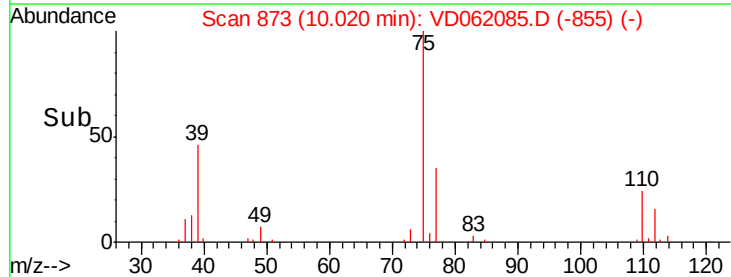
40000

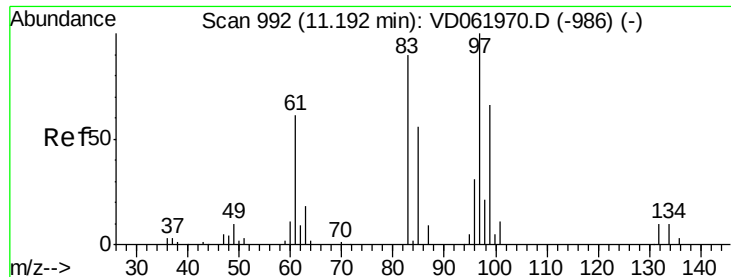
20000

0

Time-->

9.90 10.00 10.10 10.20





#55

1,1,2-Trichloroethane

Concen: 23.100 ug/l

RT: 11.17 min Scan# 990

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Tot Ion: 97 Resp: 81574

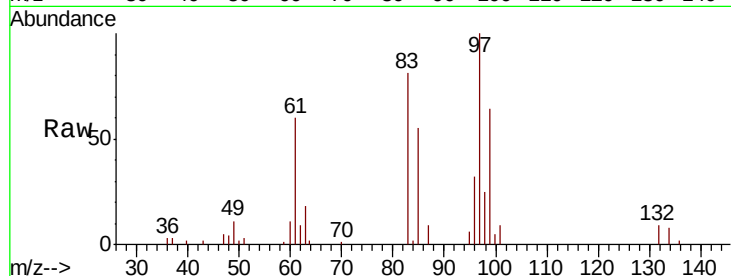
Ion Ratio Lower Upper

97 100

83 80.9 65.7 98.5

85 54.6 45.6 68.4

99 64.3 48.4 72.6

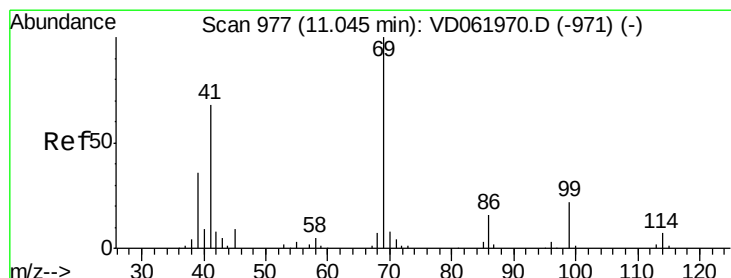
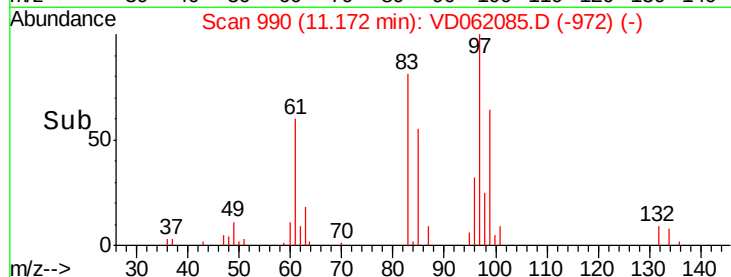
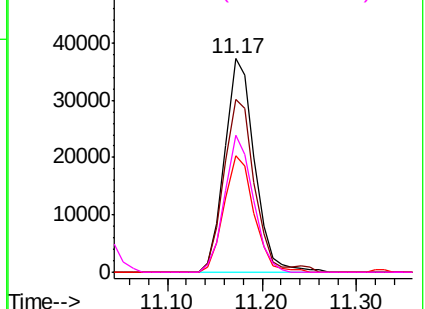


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 21.172 ug/l

RT: 11.02 min Scan# 975

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

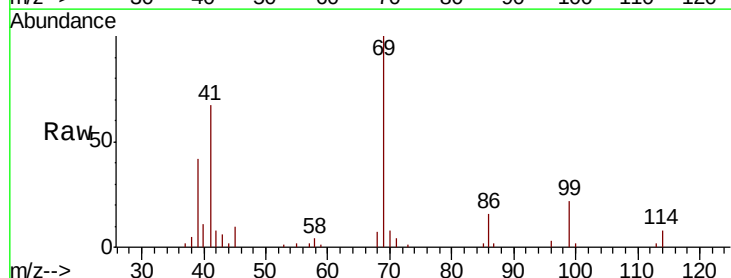
Tgt Ion: 69 Resp: 82806

Ion Ratio Lower Upper

69 100

41 67.0 56.3 84.5

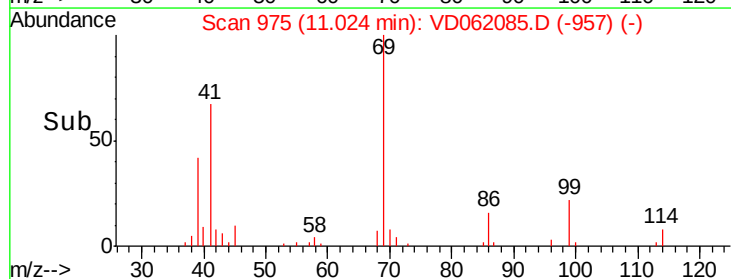
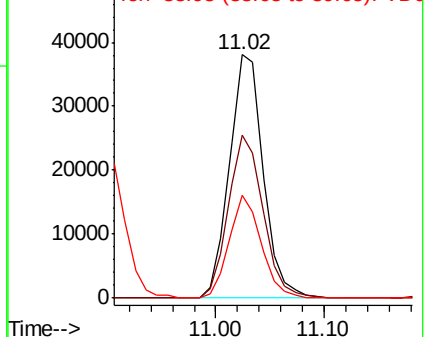
39 42.2 29.4 44.2

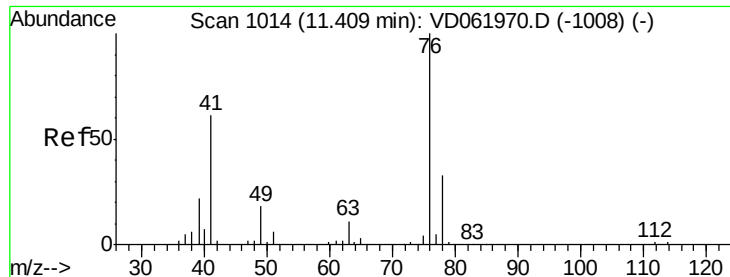


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

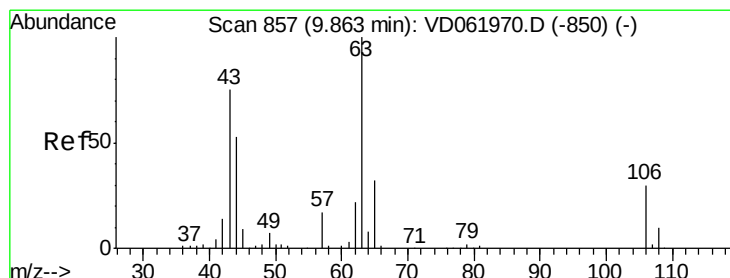
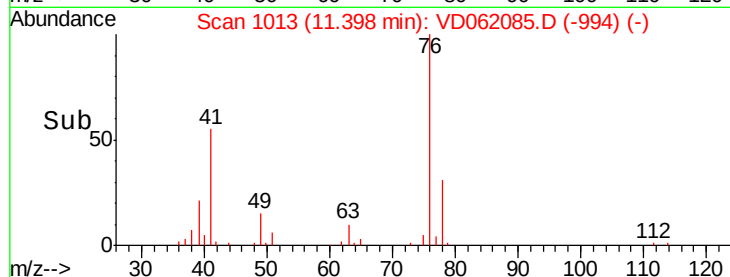
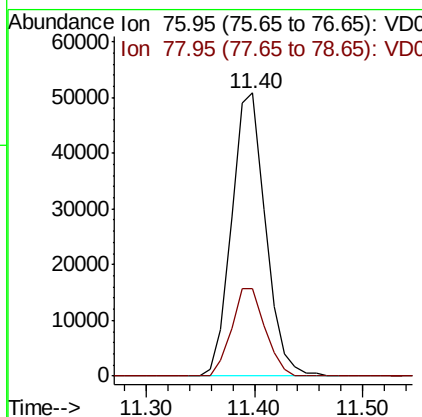
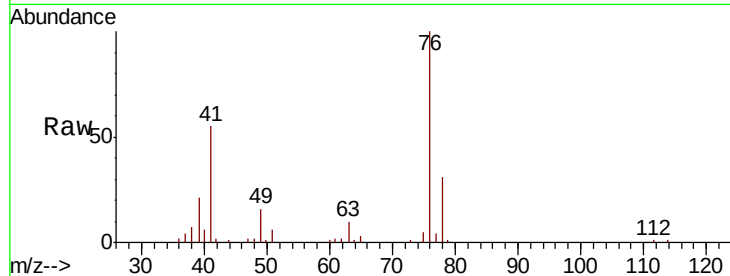
Ion 38.95 (38.65 to 39.65): VDC





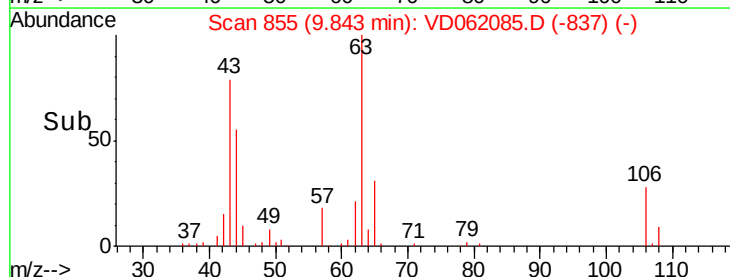
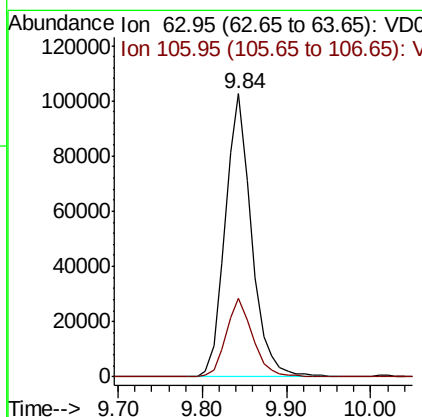
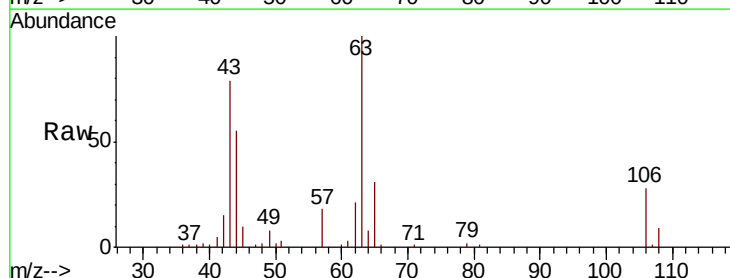
#57
 1,3-Dichloropropane
 Concen: 20.278 ug/l
 RT: 11.40 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

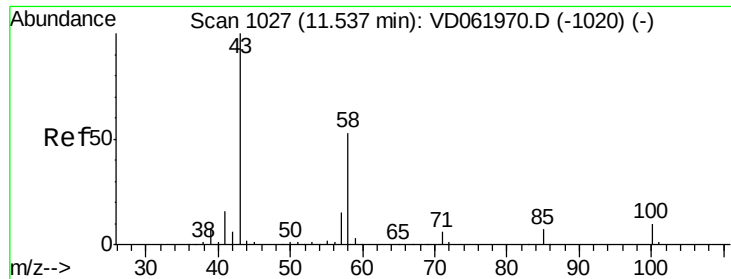
Tot Ion: 76 Resp: 110599
 Ion Ratio Lower Upper
 76 100
 78 30.8 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 122.006 ug/l
 RT: 9.84 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

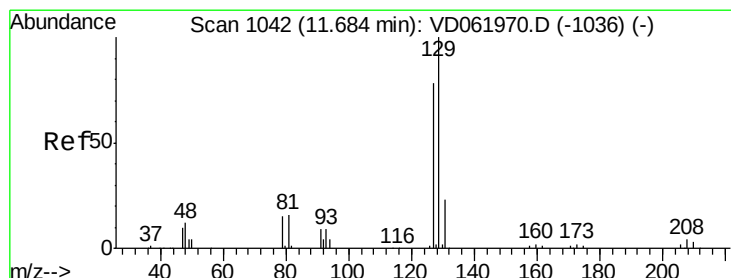
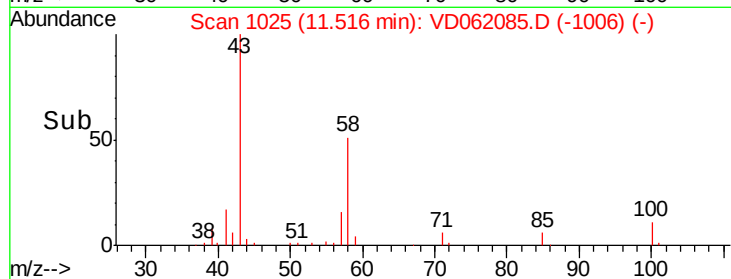
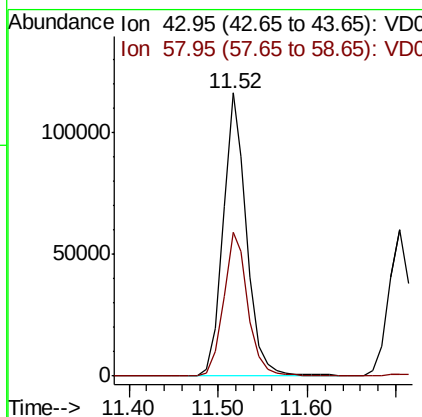
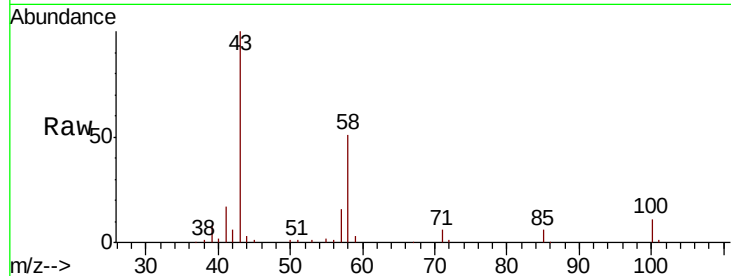
Tgt Ion: 63 Resp: 221857
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.6 34.0





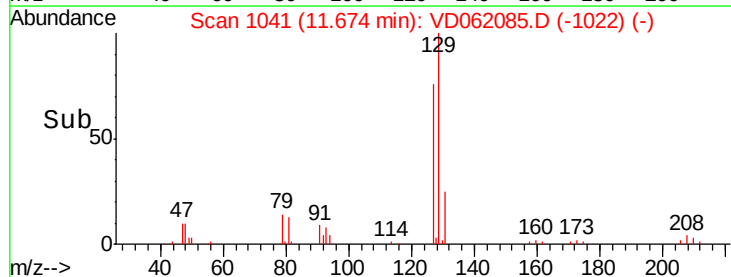
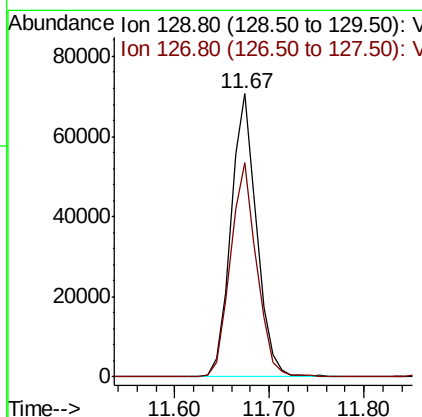
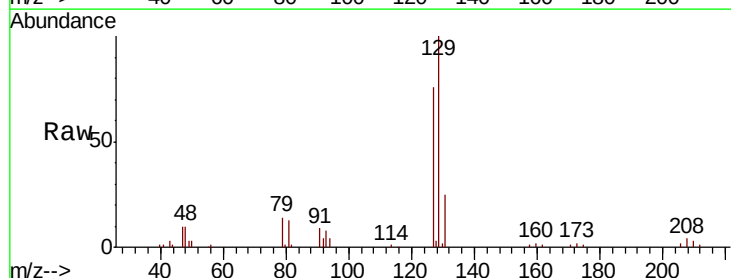
#59
2-Hexanone
Concen: 112.576 ug/l
RT: 11.52 min Scan# 1025
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

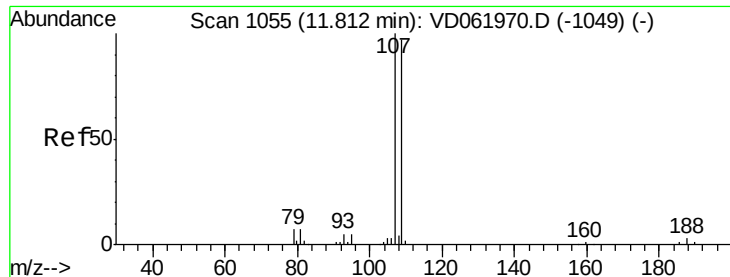
Tot Ion: 43 Resp: 214282
Ion Ratio Lower Upper
43 100
58 50.7 25.4 76.4



#60
Dibromochloromethane
Concen: 22.610 ug/l
RT: 11.67 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

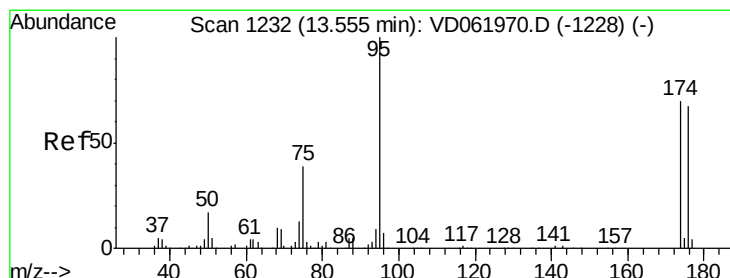
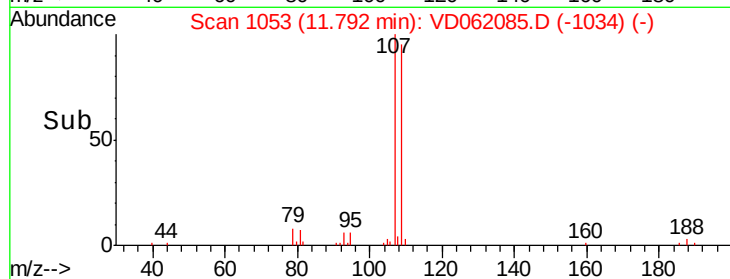
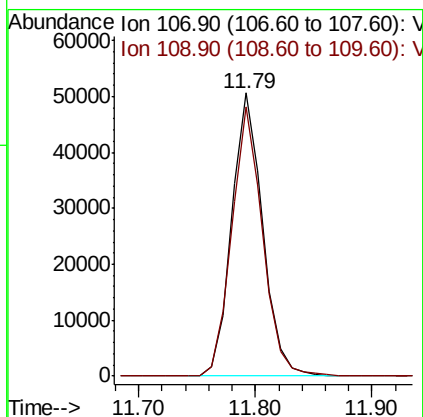
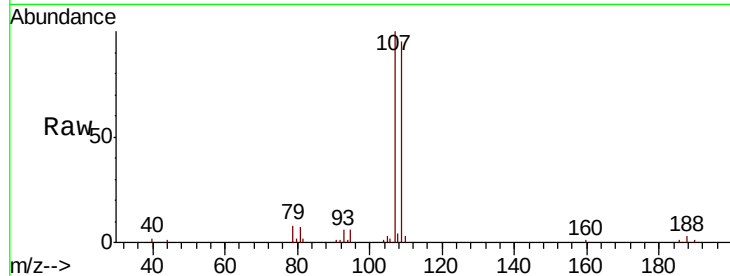
Tgt Ion: 129 Resp: 132115
Ion Ratio Lower Upper
129 100
127 75.6 38.0 113.9





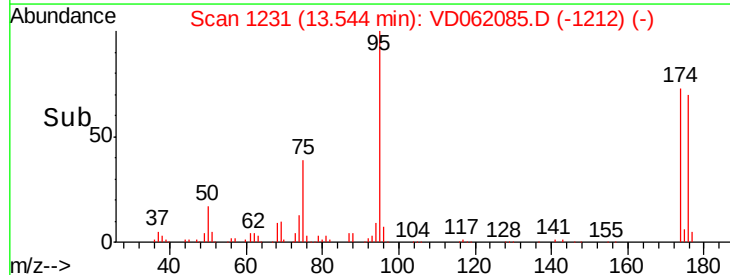
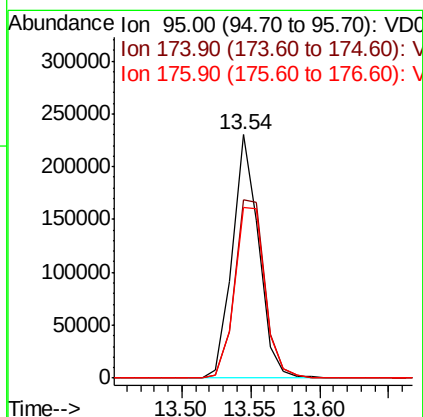
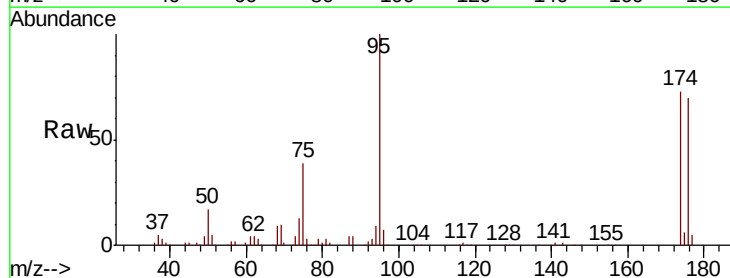
#61
 1,2-Dibromoethane
 Concen: 22.124 ug/l
 RT: 11.79 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

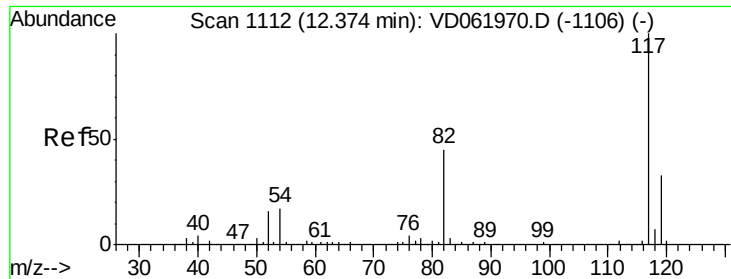
Tot Ion:107 Resp: 92680
 Ion Ratio Lower Upper
 107 100
 109 95.2 78.3 117.5



#62
 4-Bromofluorobenzene
 Concen: 54.163 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

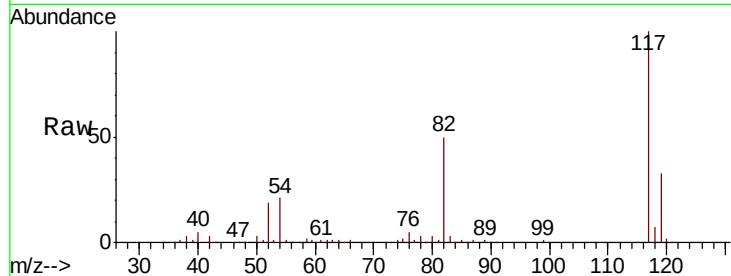
Tgt Ion: 95 Resp: 305778
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 181.8
 176 70.2 0.0 174.4



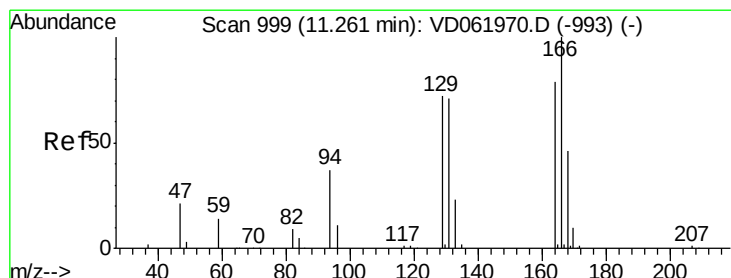
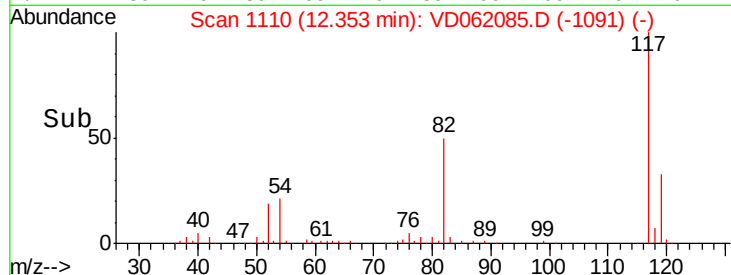
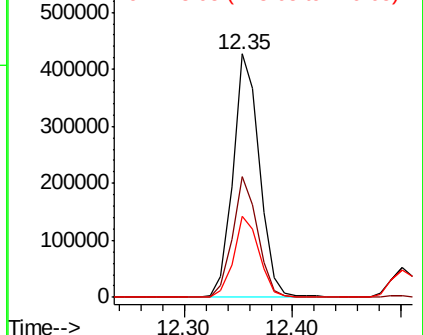


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion:117 Resp: 724080
Ion Ratio Lower Upper
117 100
82 49.8 36.2 54.2
119 33.1 26.2 39.4

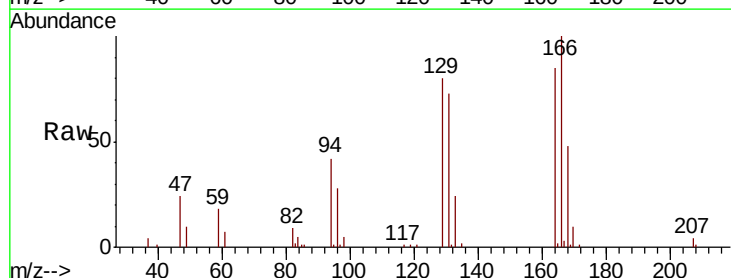


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

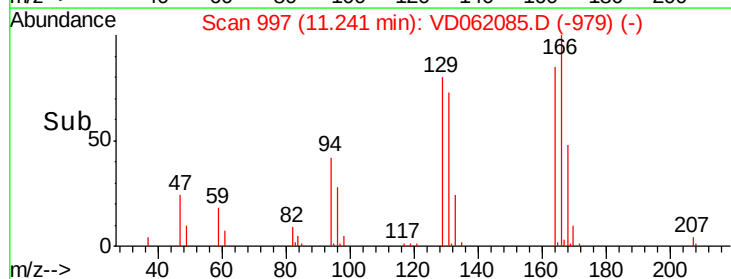
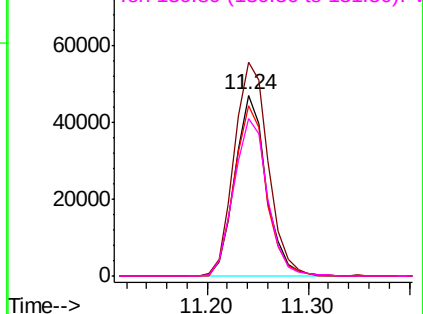


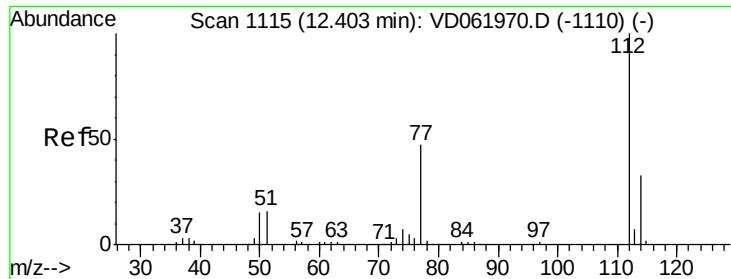
#64
Tetrachloroethene
Concen: 19.609 ug/l
RT: 11.24 min Scan# 997
Delta R.T. -0.02 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion:164 Resp: 101288
Ion Ratio Lower Upper
164 100
166 118.2 101.5 152.3
129 94.3 74.6 112.0
131 86.9 72.6 108.8



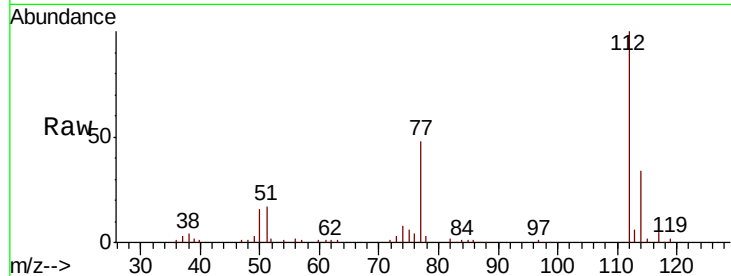
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



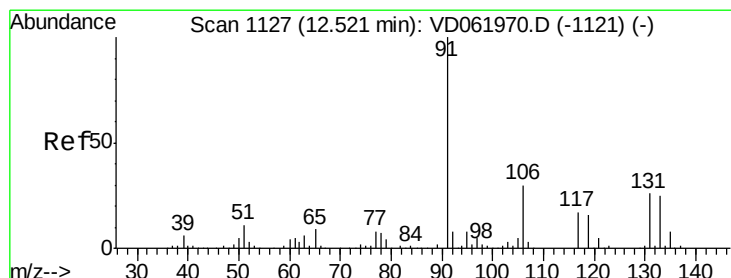
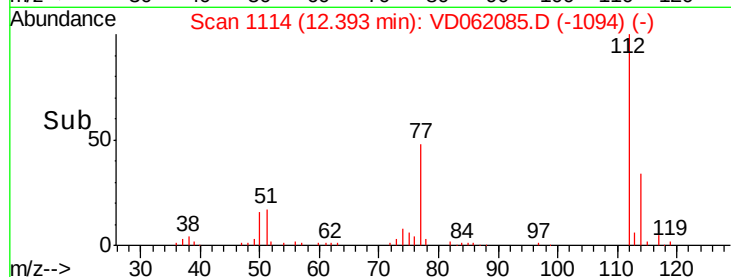
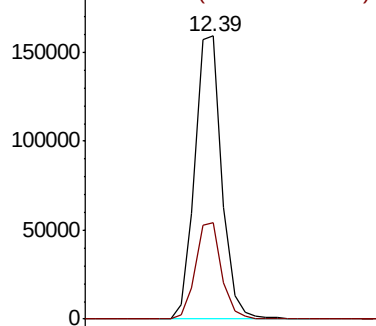


#65
Chlorobenzene
Concen: 20.154 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion:112 Resp: 275761
Ion Ratio Lower Upper
112 100
114 34.3 25.8 38.8

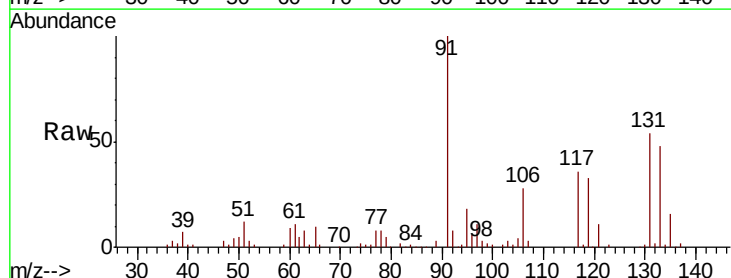


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

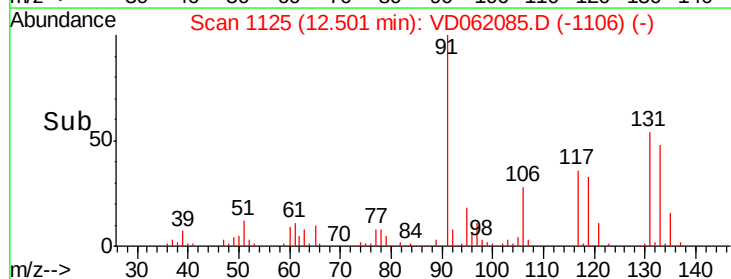
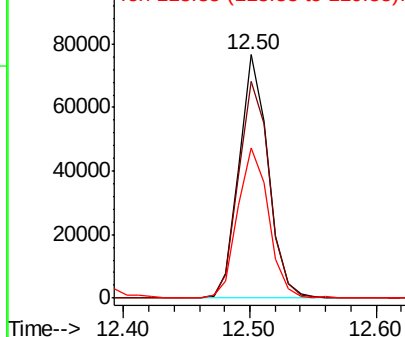


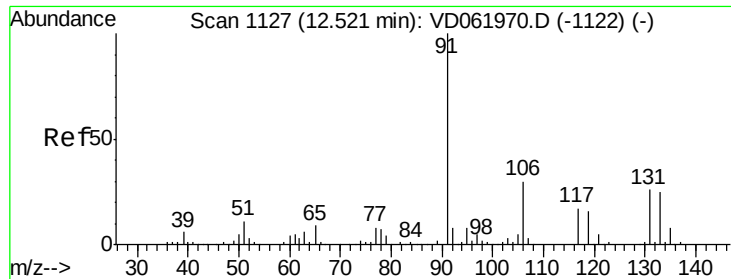
#66
1,1,1,2-Tetrachloroethane
Concen: 21.089 ug/l
RT: 12.50 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion:131 Resp: 122396
Ion Ratio Lower Upper
131 100
133 89.2 48.6 145.8
119 61.5 34.7 104.1



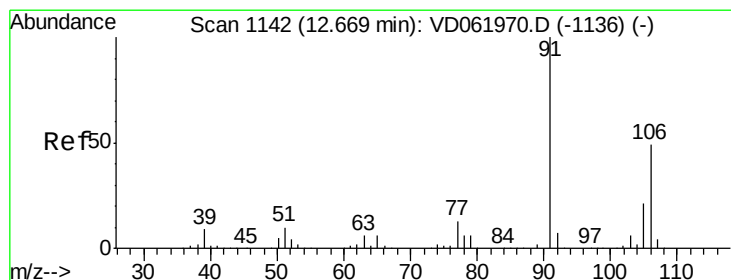
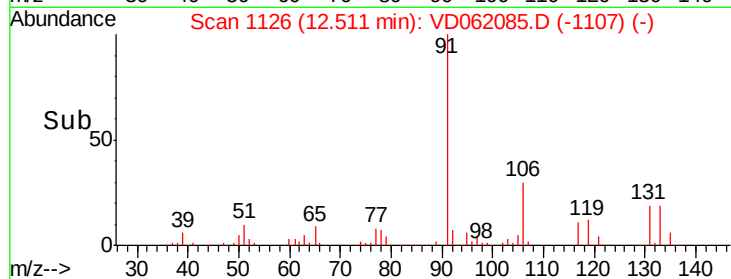
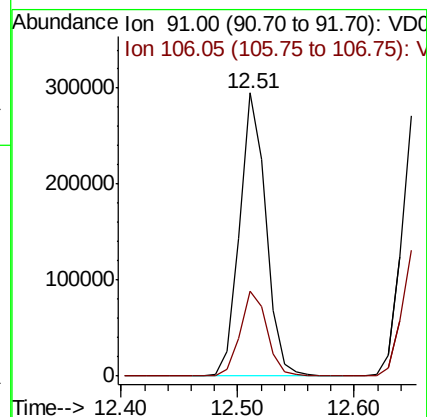
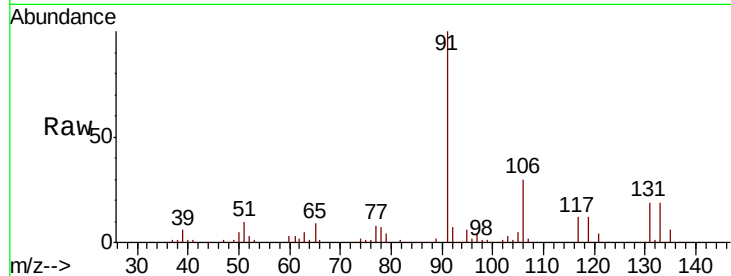
Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V





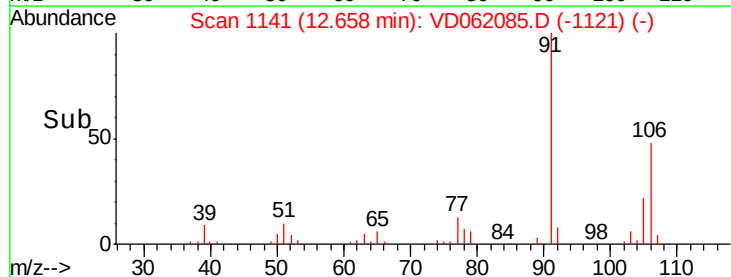
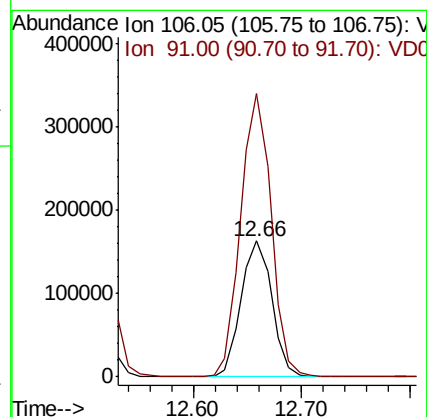
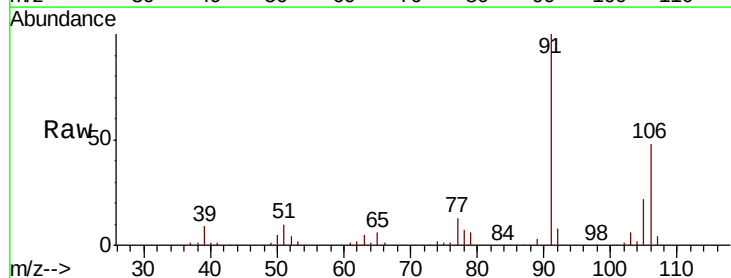
#67
Ethyl Benzene
Concen: 20.639 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

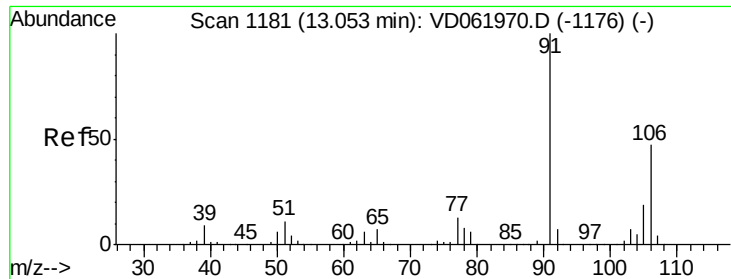
Tot Ion: 91 Resp: 460929
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1



#68
m/p-Xylenes
Concen: 40.300 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

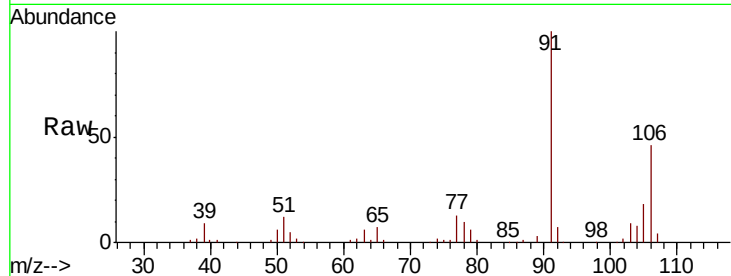
Tgt Ion: 106 Resp: 325285
Ion Ratio Lower Upper
106 100
91 208.2 164.0 246.0



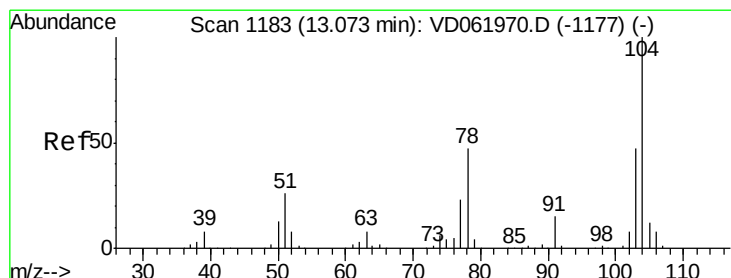
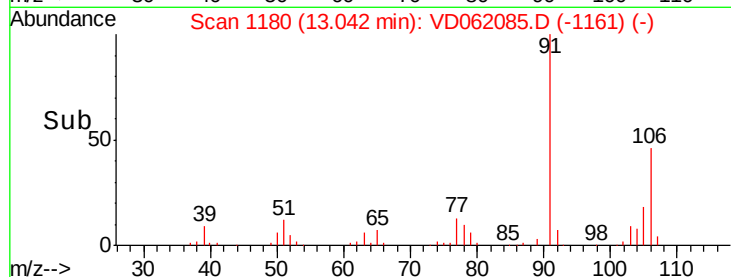
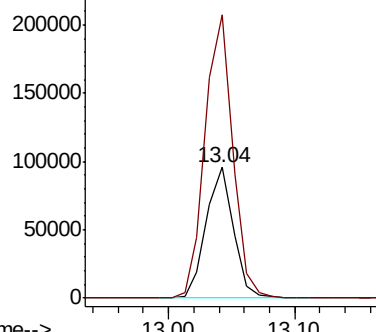


#69
o-Xylene
Concen: 19.385 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion:106 Resp: 143160
Ion Ratio Lower Upper
106 100
91 216.1 106.7 319.9

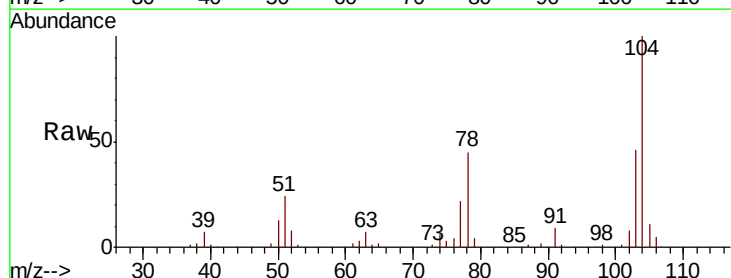


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

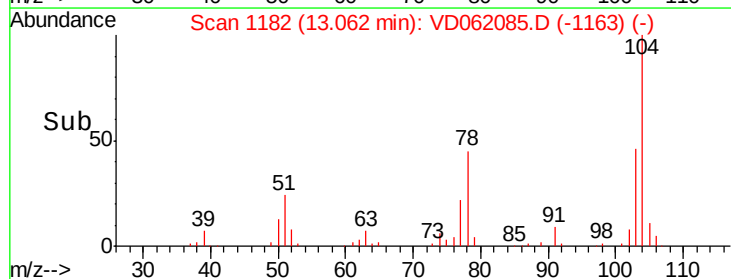
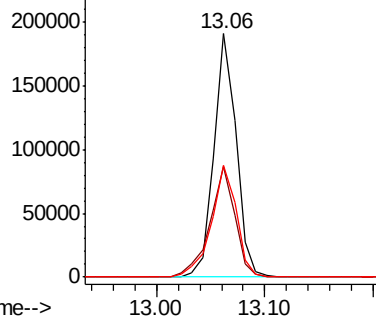


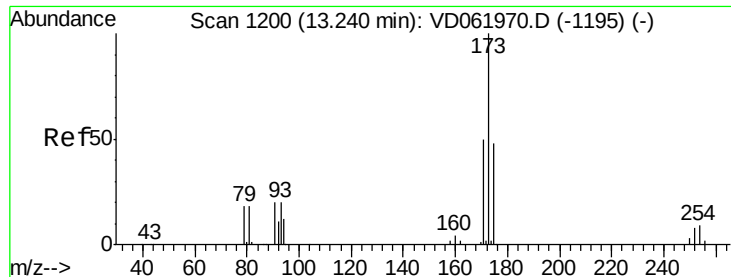
#70
Styrene
Concen: 21.436 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion:104 Resp: 273352
Ion Ratio Lower Upper
104 100
78 45.2 35.4 53.2
103 46.1 37.5 56.3



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





#71

Bromoform

Concen: 21.170 ug/l

RT: 13.23 min Scan# 1199

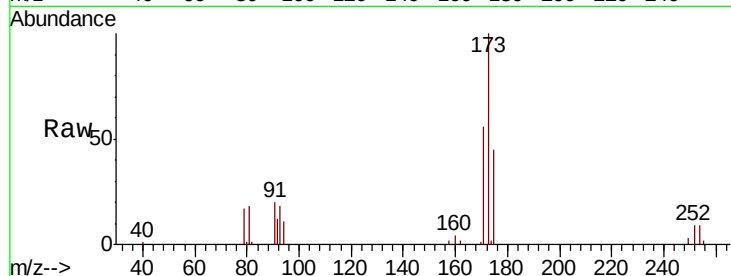
Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Tot Ion:173 Resp: 70049

Ion	Ratio	Lower	Upper
173	100		
175	44.9	24.4	73.4
254	9.4	5.4	8.2#

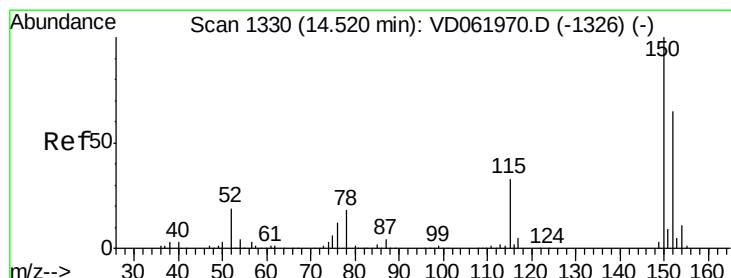
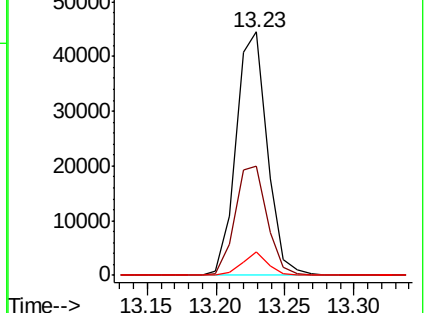
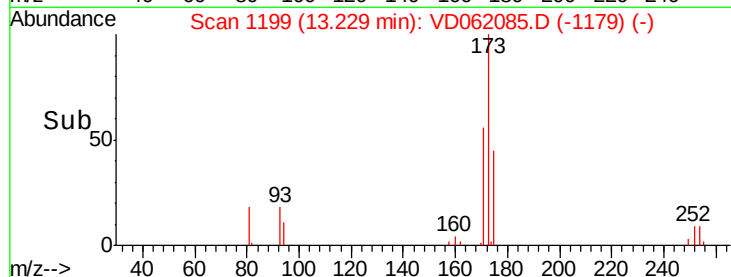


Abundance

Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

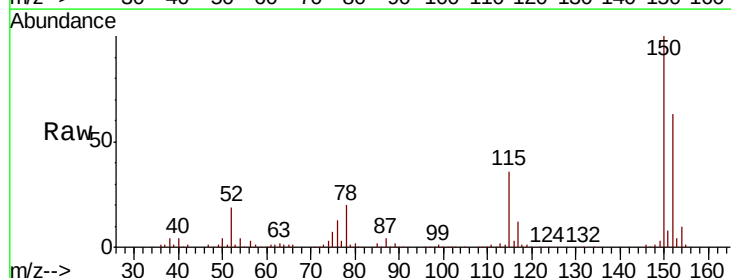
Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Tgt Ion:152 Resp: 342904

Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.9	92.7
150	159.0	0.0	314.8

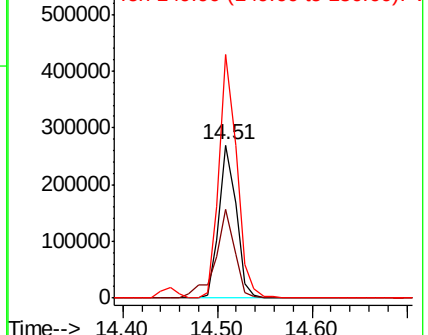
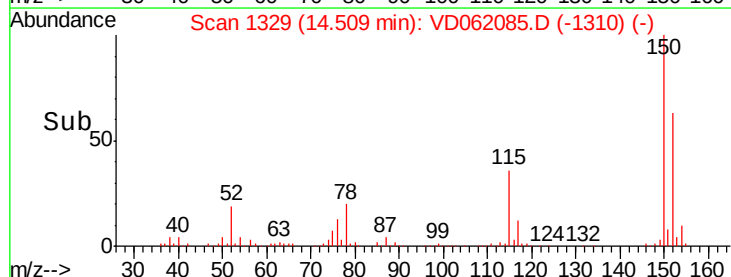


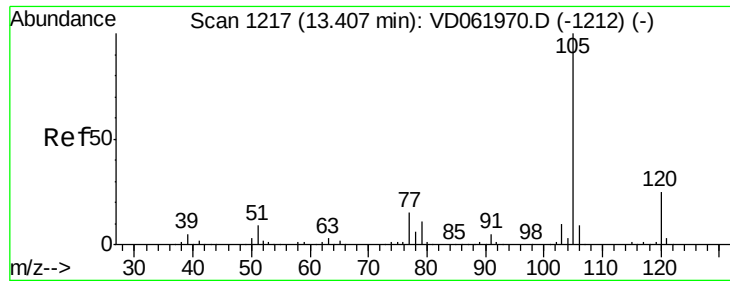
Abundance

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: 17.663 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062085.D

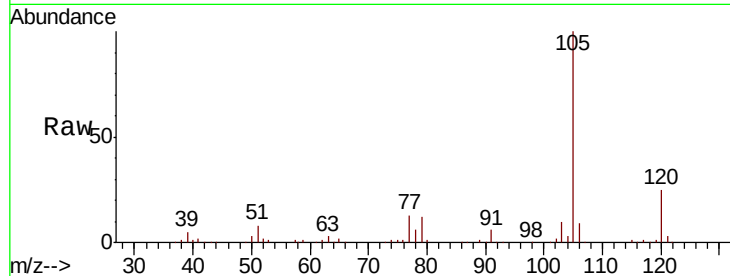
Acq: 30 Apr 2019 14:11

Tot Ion:105 Resp: 404015

Ion Ratio Lower Upper

105 100

120 24.7 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.40

250000

200000

150000

100000

50000

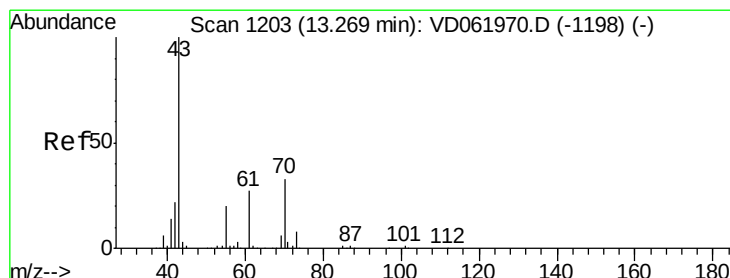
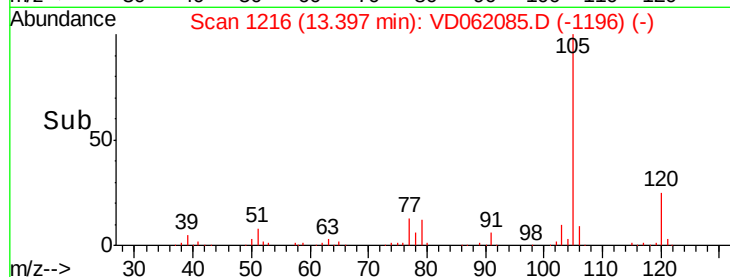
0

Time-->

13.30

13.40

13.50



#74

N-ethyl acetate

Concen: 19.187 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Tgt Ion: 43 Resp: 113027

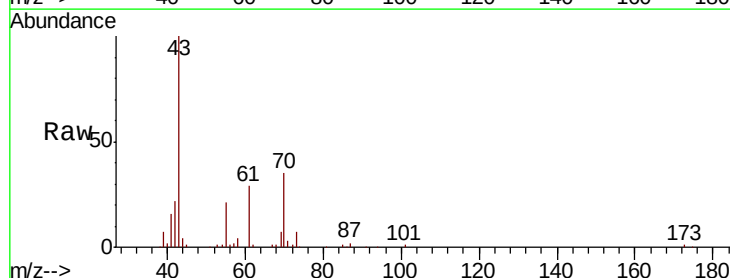
Ion Ratio Lower Upper

43 100

70 34.6 24.2 36.4

55 20.7 16.0 24.0

61 29.2 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

120000

100000

80000

60000

40000

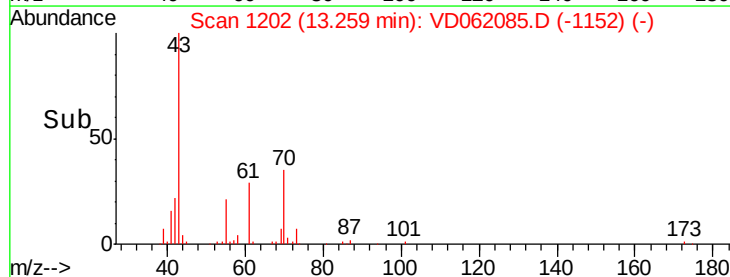
20000

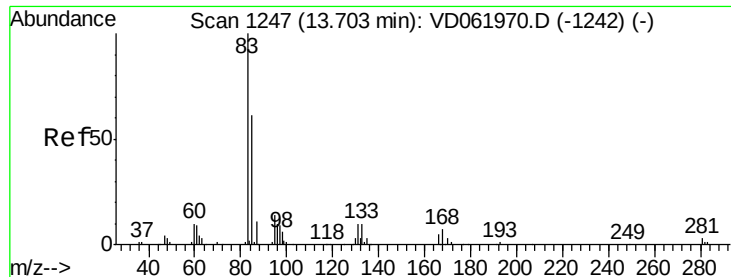
0

Time-->

13.20

13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 19.073 ug/l

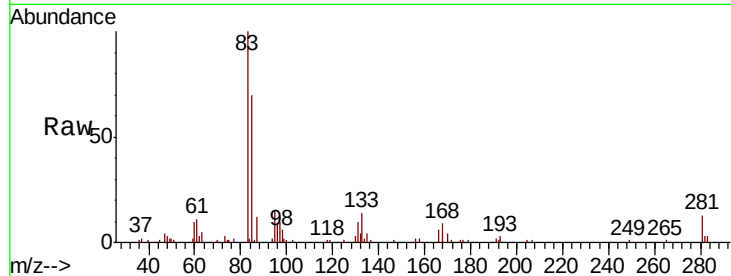
RT: 13.69 min Scan# 1246

Delta R.T. -0.01 min

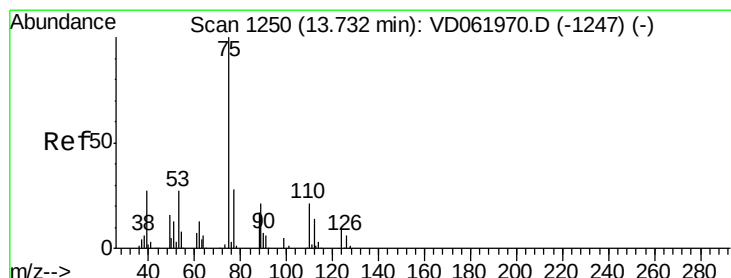
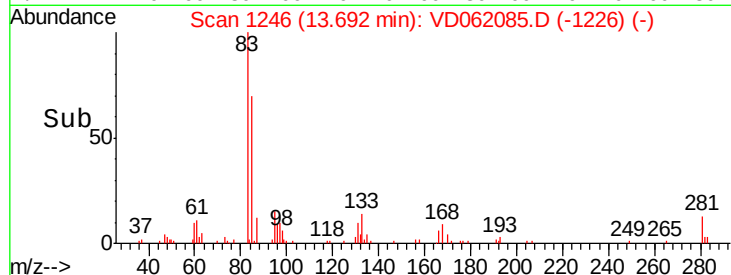
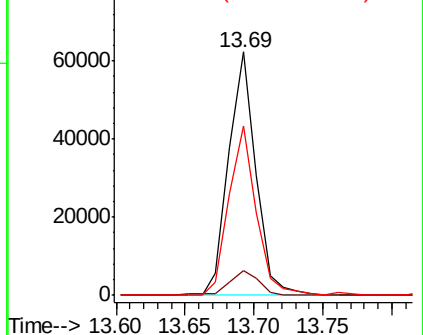
Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Tot Ion:	83	Resp:	85492
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	14.9
85	69.8	32.6	97.7



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



#76

1,2,3-Trichloropropane

Concen: 19.824 ug/l

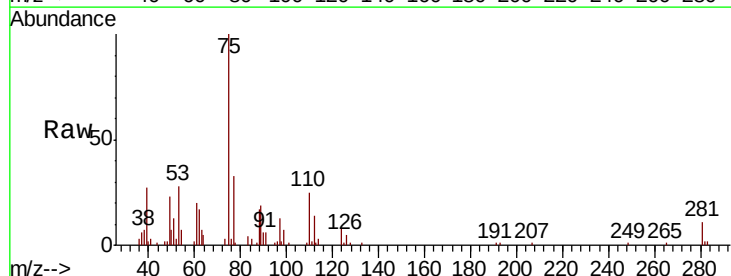
RT: 13.72 min Scan# 1249

Delta R.T. -0.01 min

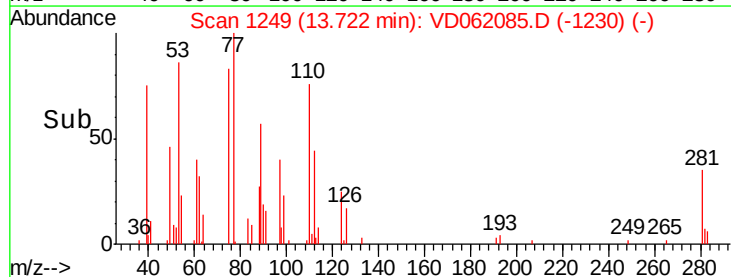
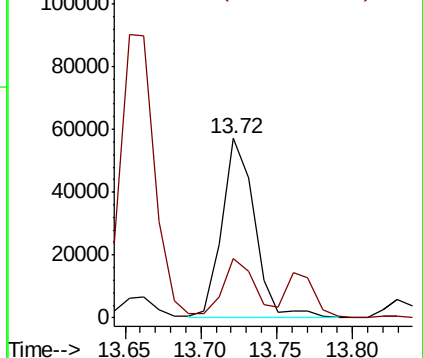
Lab File: VD062085.D

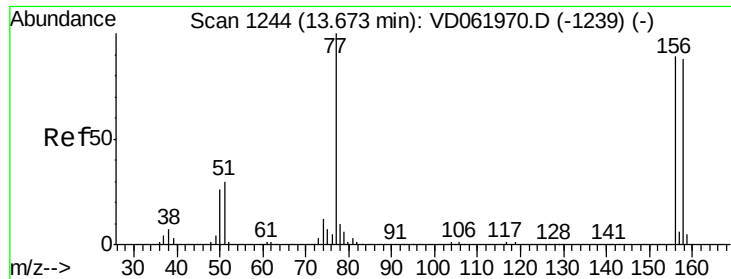
Acq: 30 Apr 2019 14:11

Tgt Ion:	75	Resp:	86322
Ion	Ratio	Lower	Upper
75	100		
77	33.4	16.4	49.4



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





#77

Bromobenzene

Concen: 18.028 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

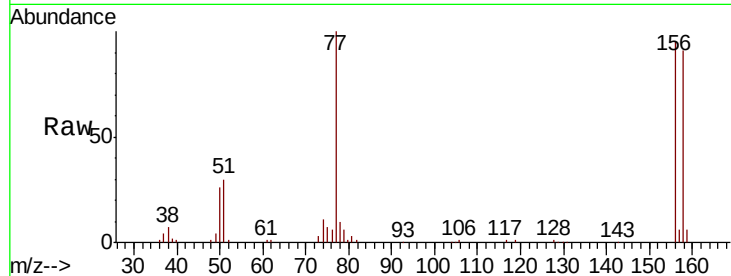
Tot Ion:156 Resp: 118296

Ion Ratio Lower Upper

156 100

77 104.8 53.1 159.4

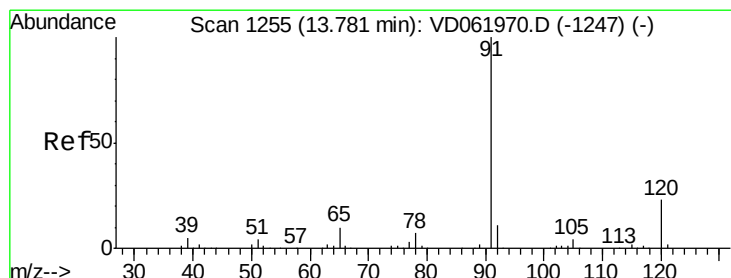
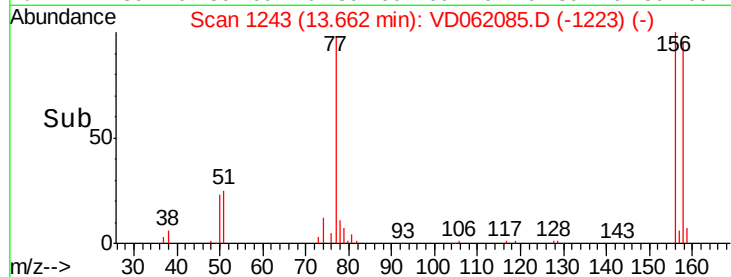
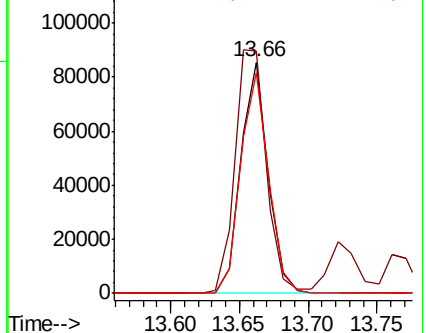
158 95.6 49.4 148.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 20.554 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. -0.01 min

Lab File: VD062085.D

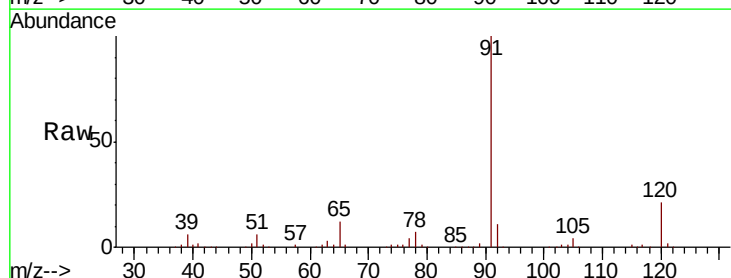
Acq: 30 Apr 2019 14:11

Tgt Ion: 91 Resp: 538222

Ion Ratio Lower Upper

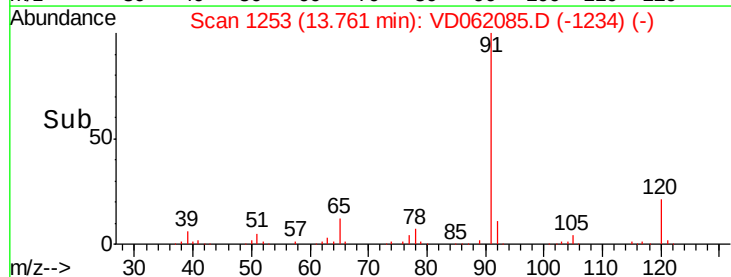
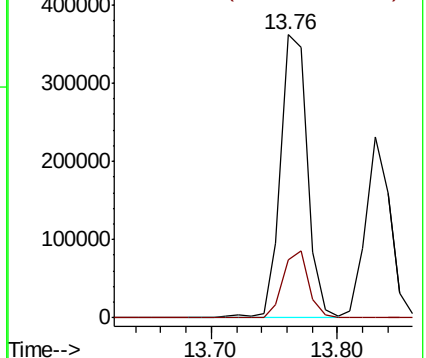
91 100

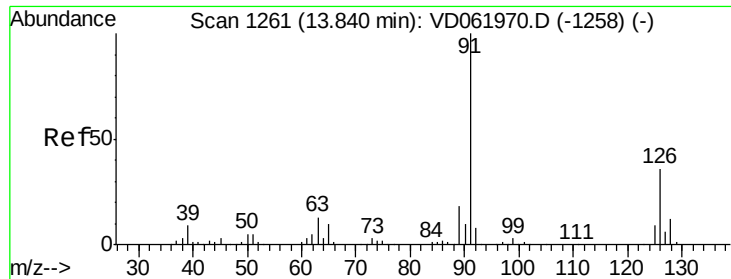
120 20.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

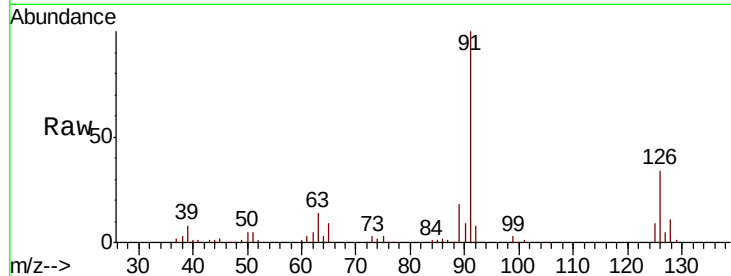
Ion 120.05 (119.75 to 120.75): V



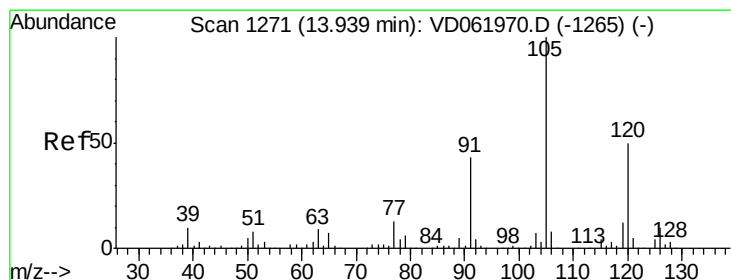
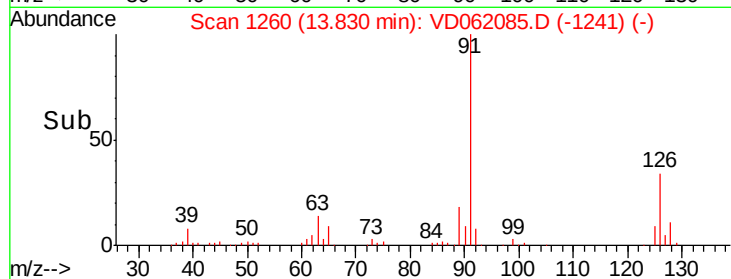
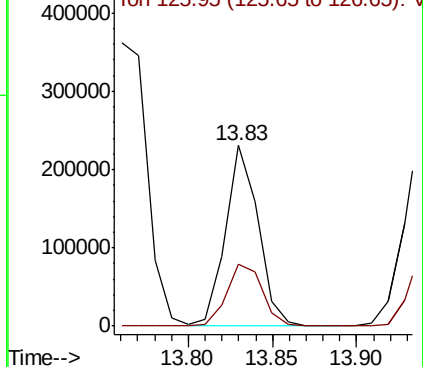


#79
 2-Chlorotoluene
 Concen: 19.644 ug/l
 RT: 13.83 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tot Ion: 91 Resp: 311571
 Ion Ratio Lower Upper
 91 100
 126 34.3 18.6 55.8

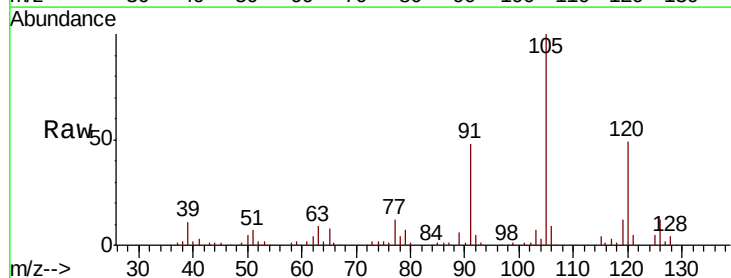


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

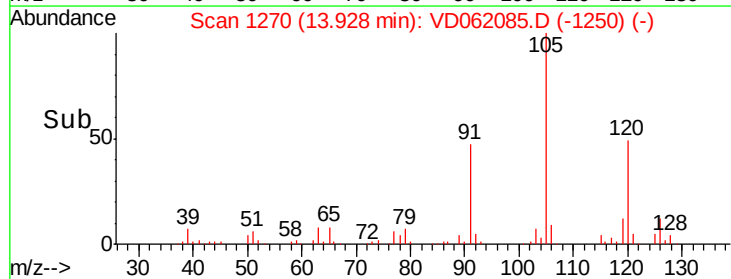
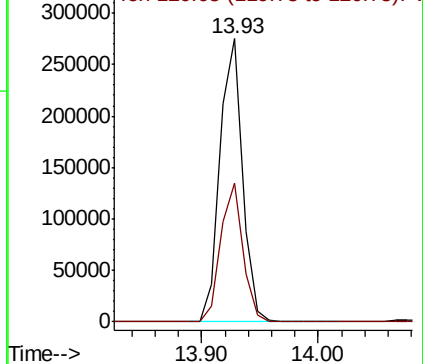


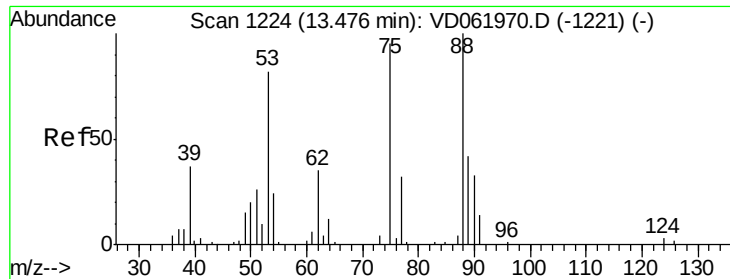
#80
 1,3,5-Trimethylbenzene
 Concen: 20.294 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tgt Ion: 105 Resp: 370135
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.0 72.0



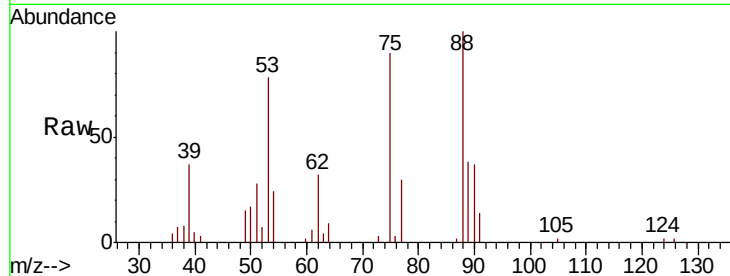
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V



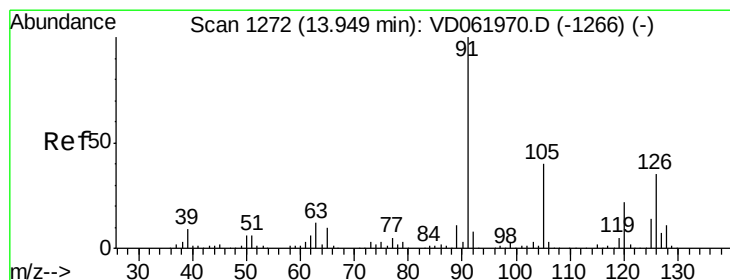
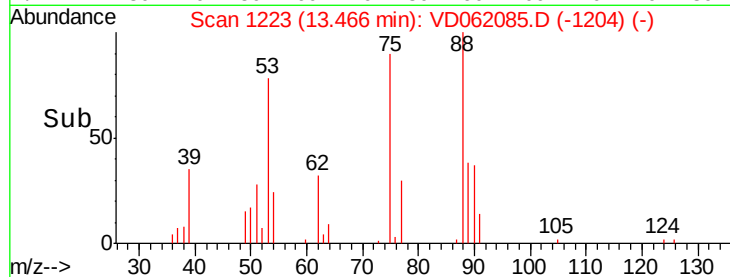
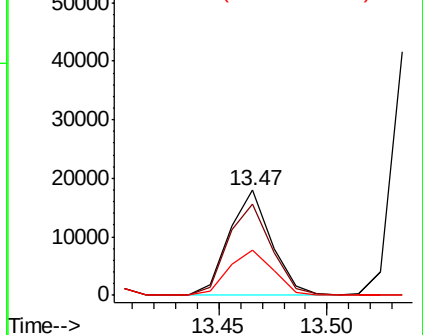


#81
trans-1,4-Dichloro-2-butene
Concen: 18.521 ug/l
RT: 13.47 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion: 75 Resp: 24439
Ion Ratio Lower Upper
75 100
53 87.2 65.8 98.8
89 42.8 35.0 52.6

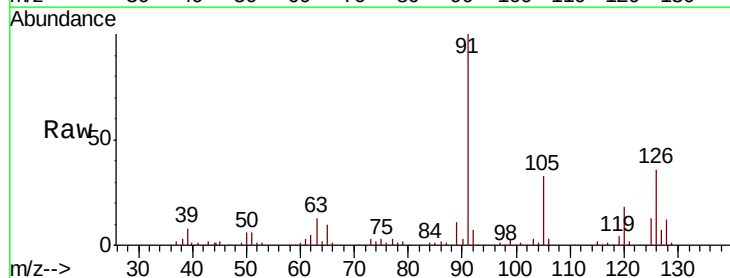


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

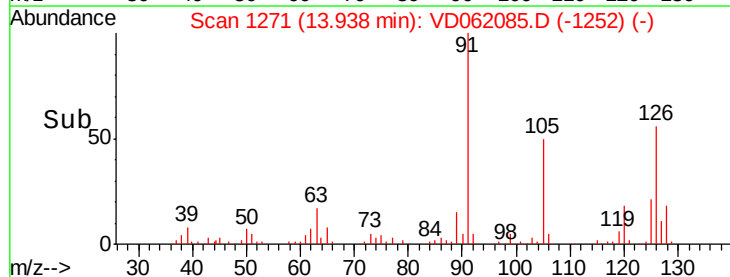
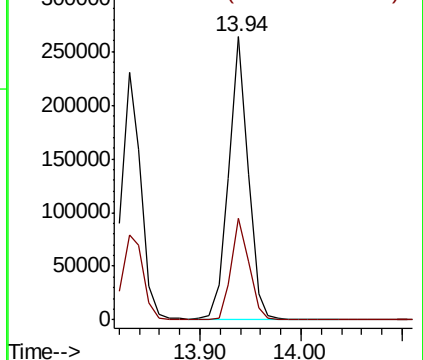


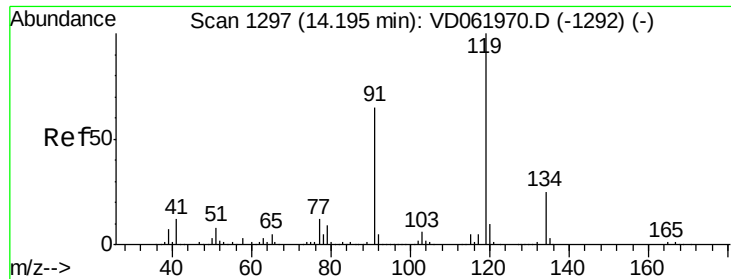
#82
4-Chlorotoluene
Concen: 20.316 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion: 91 Resp: 354865
Ion Ratio Lower Upper
91 100
126 35.9 19.1 57.5



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





#83

tert-Butylbenzene

Concen: 20.210 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

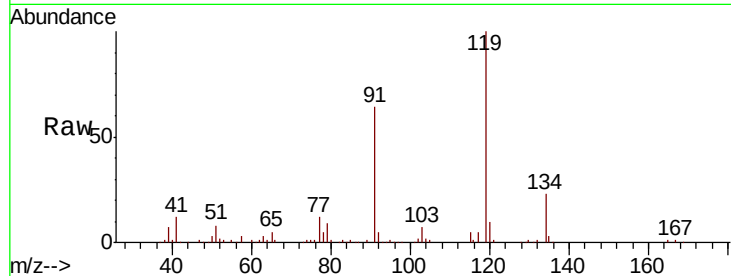
Tot Ion:119 Resp: 427015

Ion Ratio Lower Upper

119 100

91 63.7 34.2 102.6

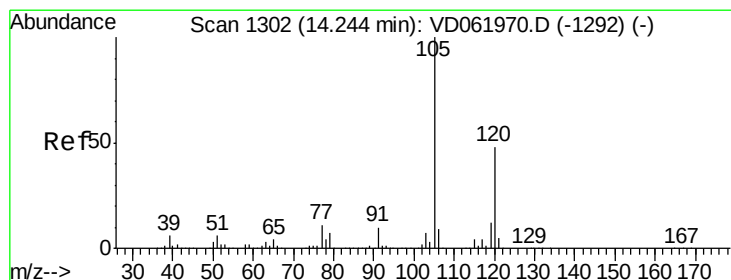
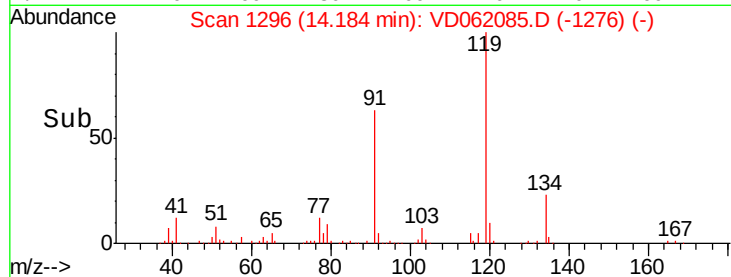
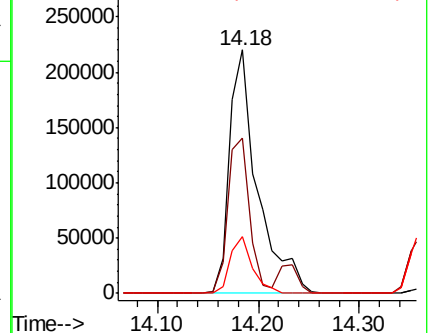
134 23.1 12.0 36.0



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: 21.408 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VD062085.D

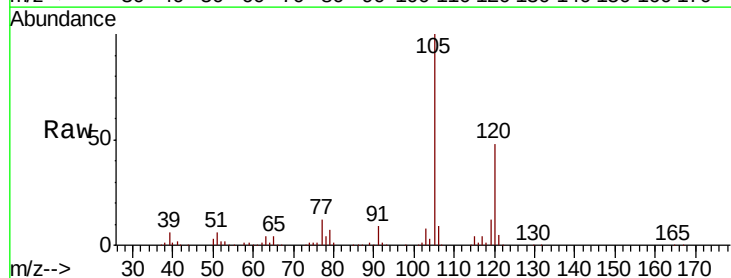
Acq: 30 Apr 2019 14:11

Tgt Ion:105 Resp: 372833

Ion Ratio Lower Upper

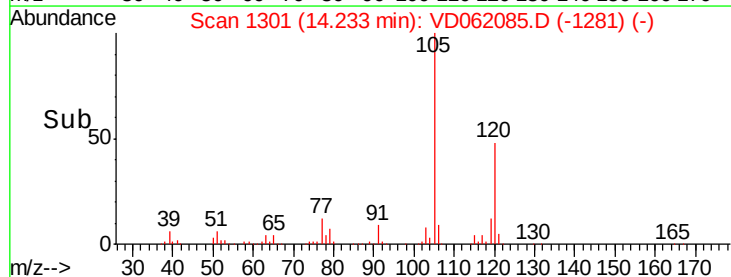
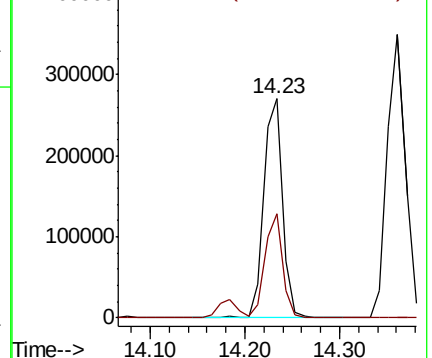
105 100

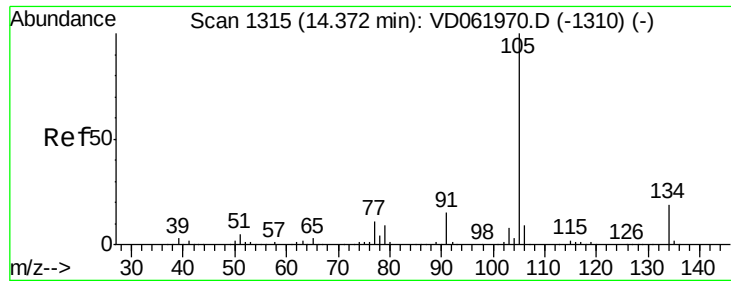
120 47.7 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

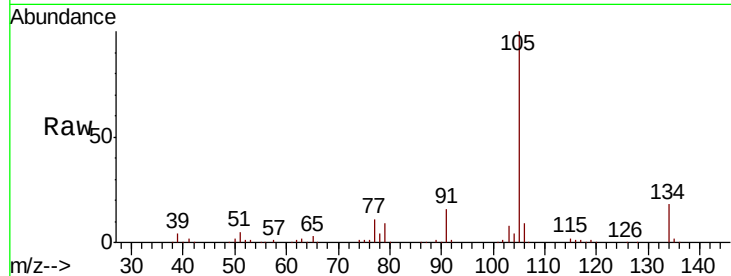
Ion 120.05 (119.75 to 120.75): V



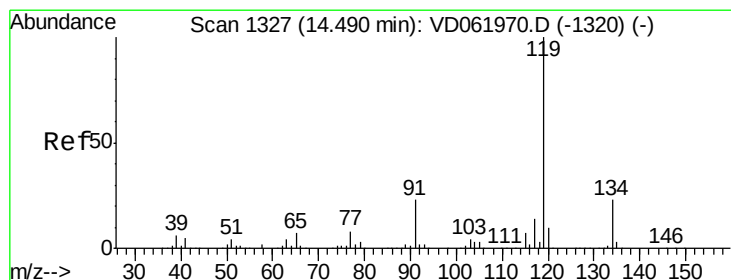
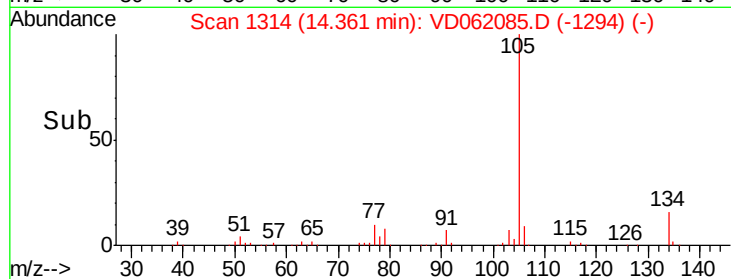
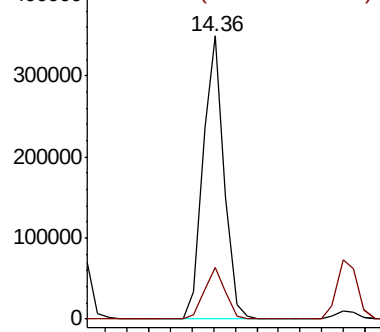


#85
 sec-Butylbenzene
 Concen: 20.541 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tot Ion:105 Resp: 468949
 Ion Ratio Lower Upper
 105 100
 134 18.1 8.9 26.7

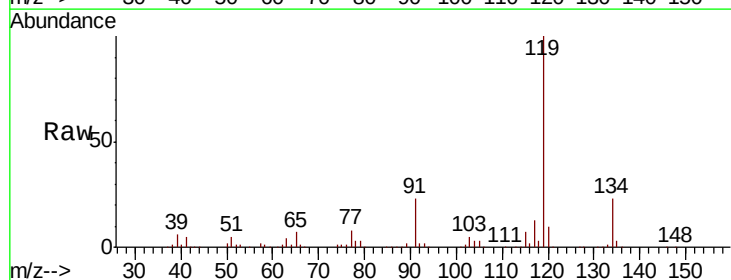


Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 134.10 (133.80 to 134.80): V

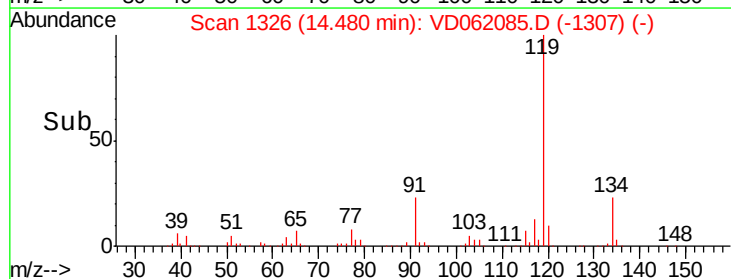
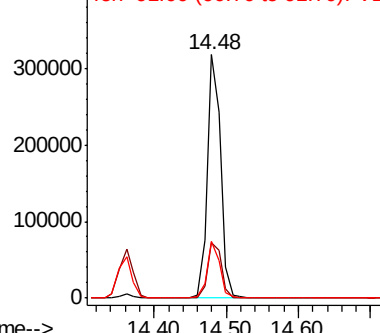


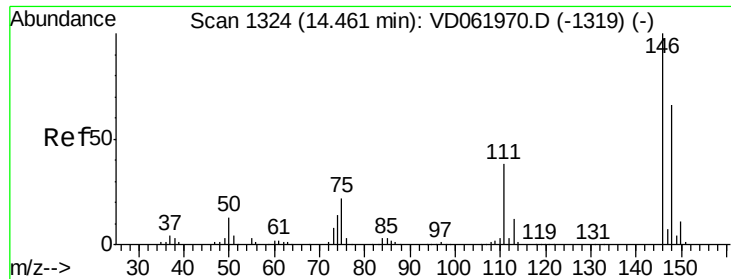
#86
 p-Isopropyltoluene
 Concen: 20.006 ug/l
 RT: 14.48 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tgt Ion:119 Resp: 408770
 Ion Ratio Lower Upper
 119 100
 134 22.8 12.8 38.3
 91 23.2 10.7 32.1



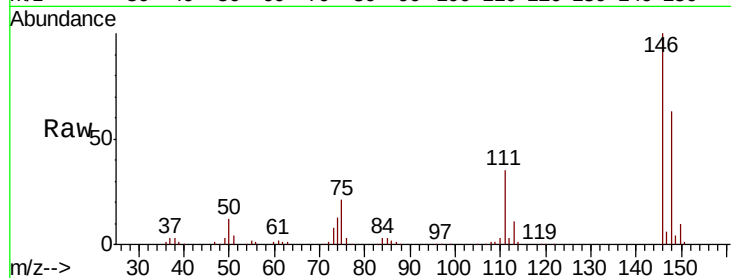
Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 134.10 (133.80 to 134.80): V
 Ion 91.00 (90.70 to 91.70): V



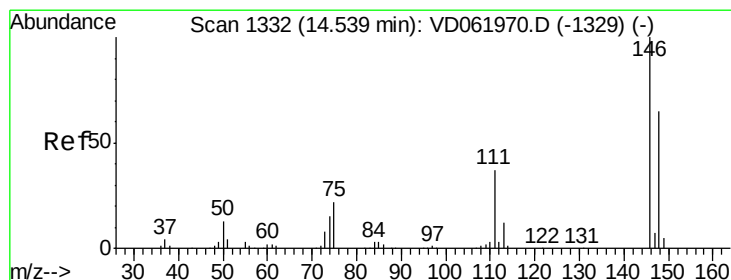
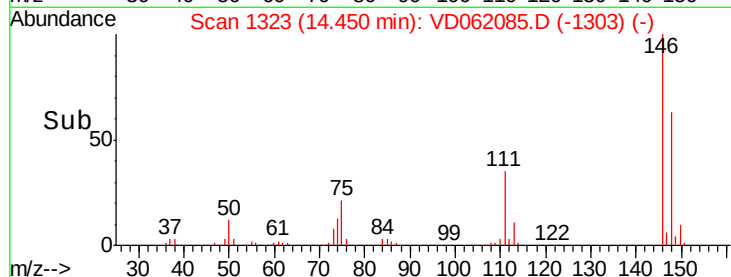
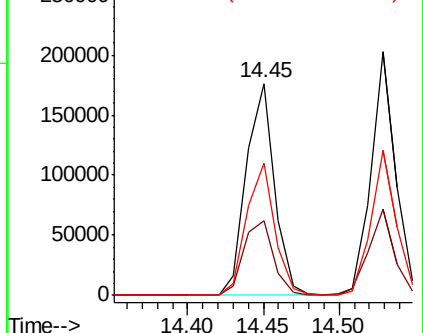


#87
 1,3-Dichlorobenzene
 Concen: 19.907 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.1	20.0	60.0
148	62.6	31.8	95.4

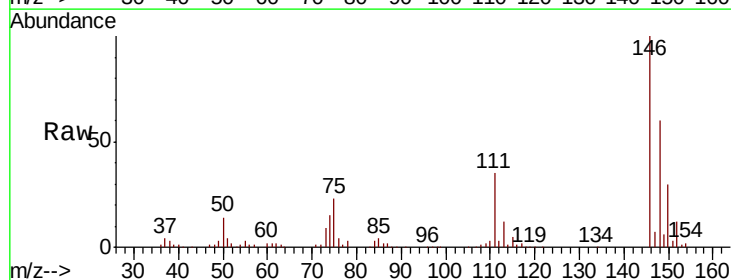


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

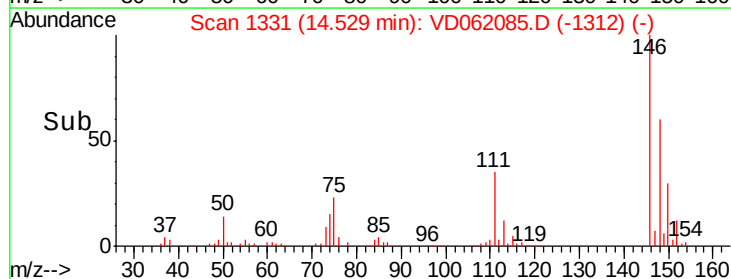
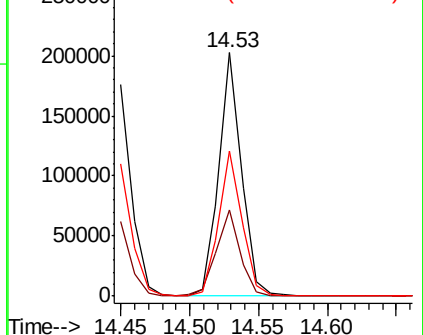


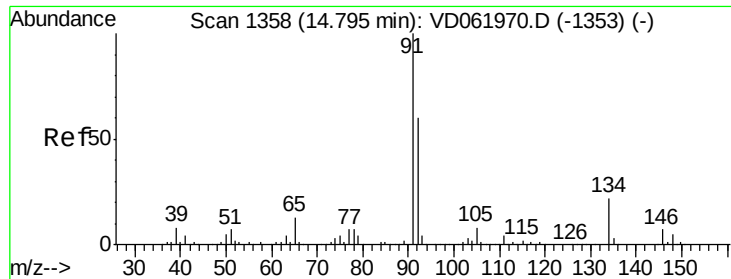
#88
 1,4-Dichlorobenzene
 Concen: 21.479 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	20.2	60.5
148	59.5	32.0	96.2



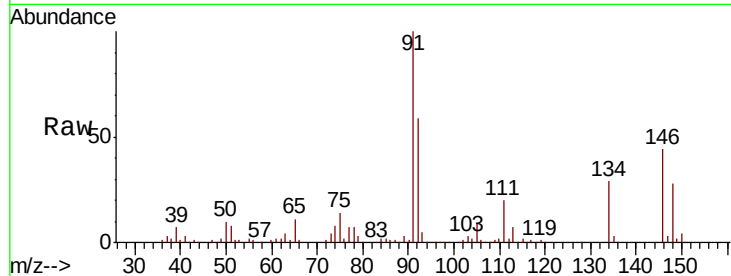
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



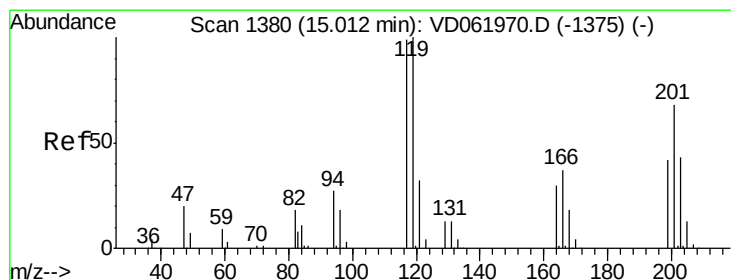
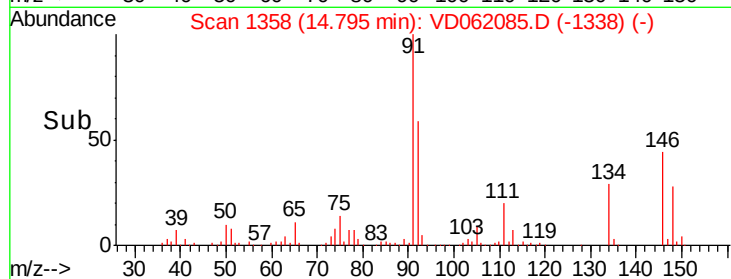
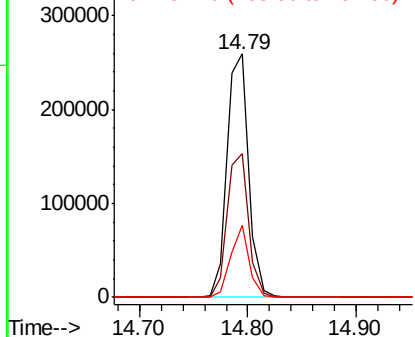


#89
n-Butylbenzene
Concen: 19.743 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion: 91 Resp: 362156
Ion Ratio Lower Upper
91 100
92 59.1 30.3 91.0
134 29.5 14.5 43.6

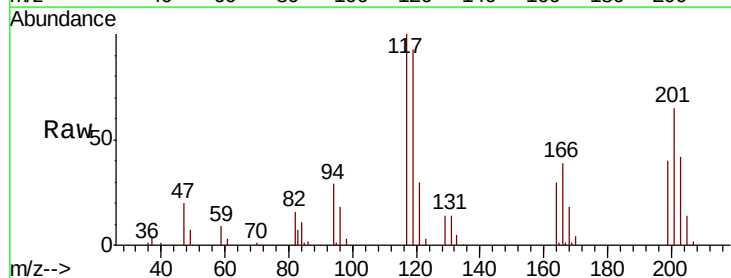


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

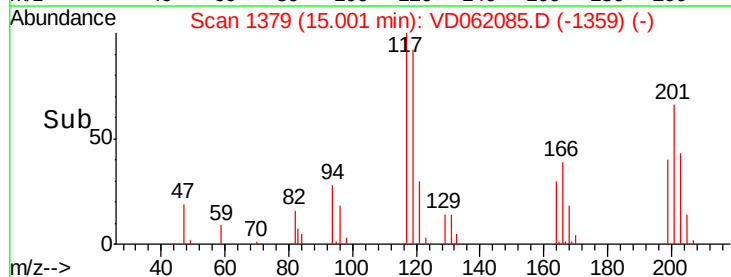
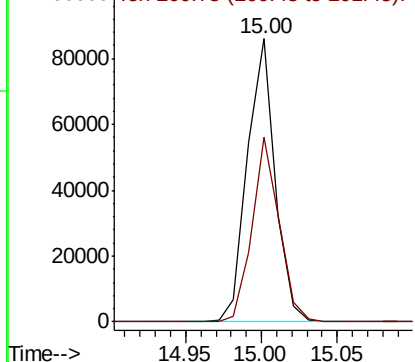


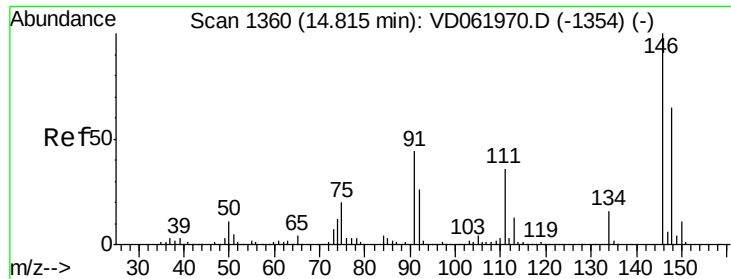
#90
Hexachloroethane
Concen: 19.804 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion: 117 Resp: 109418
Ion Ratio Lower Upper
117 100
201 65.2 30.2 90.6



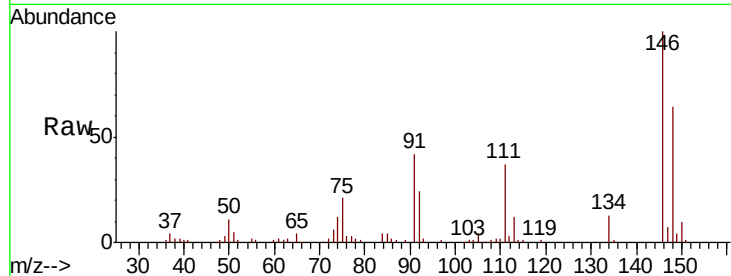
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V



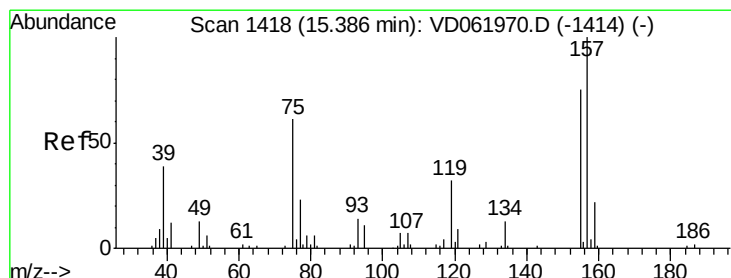
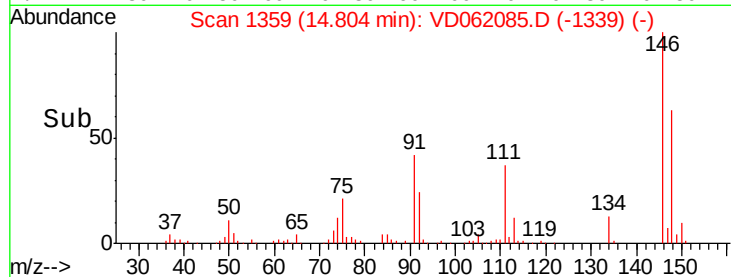
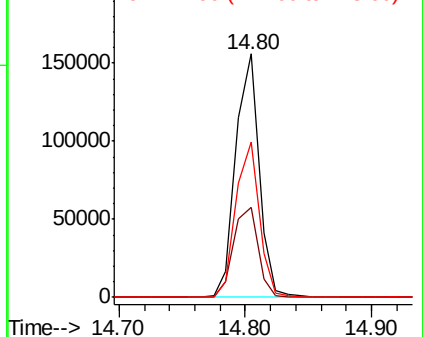


#91
 1,2-Dichlorobenzene
 Concen: 21.018 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	20.0	59.9
148	63.6	32.3	96.8

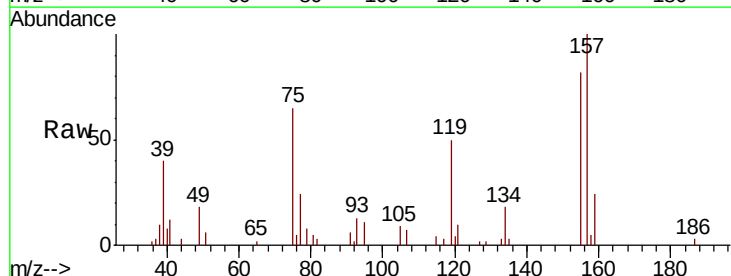


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

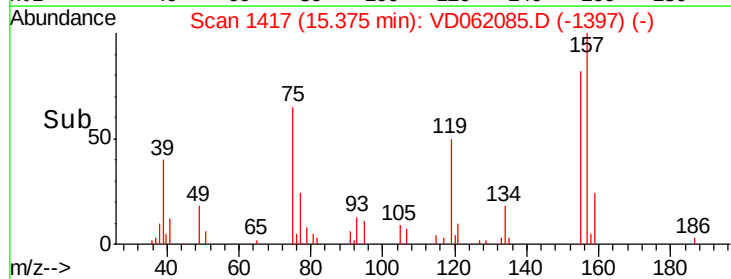
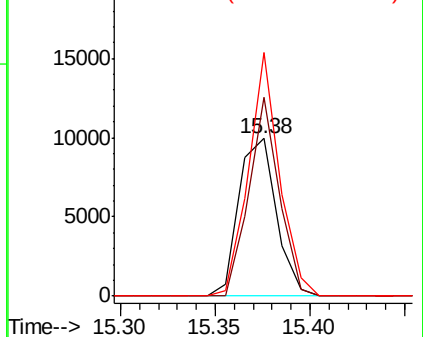


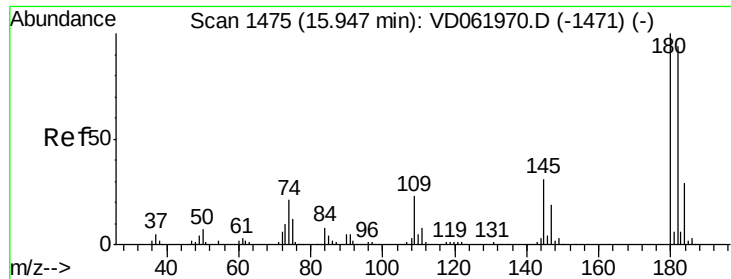
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.106 ug/l
 RT: 15.38 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	126.1	55.3	165.8
157	154.5	67.8	203.2



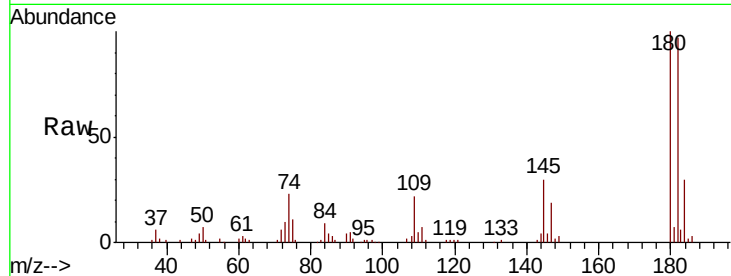
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



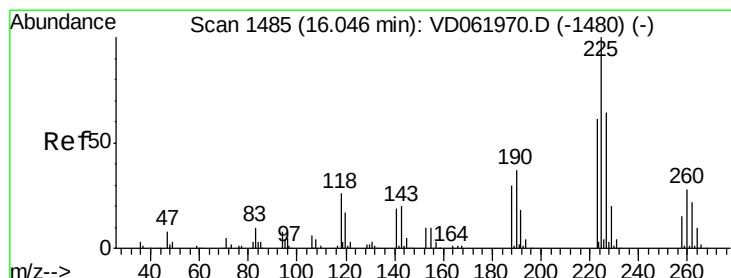
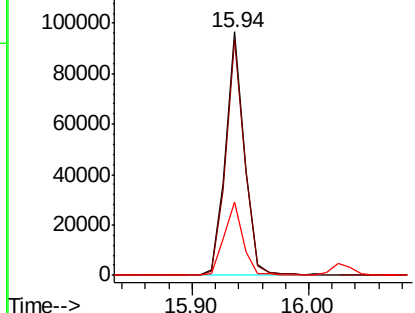
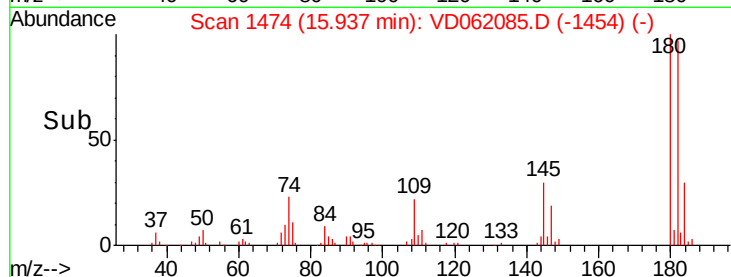


#93
 1,2,4-Trichlorobenzene
 Concen: 21.228 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	49.3	147.8
145	30.3	16.2	48.6

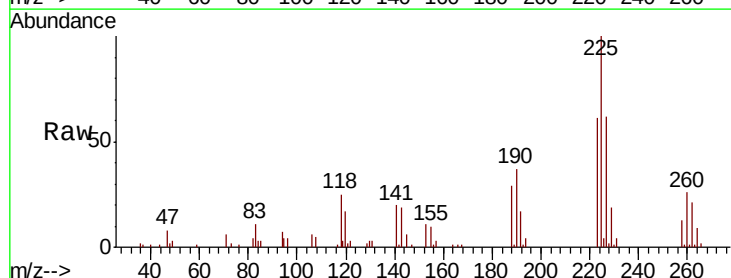


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

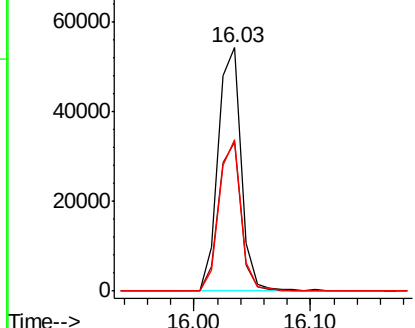
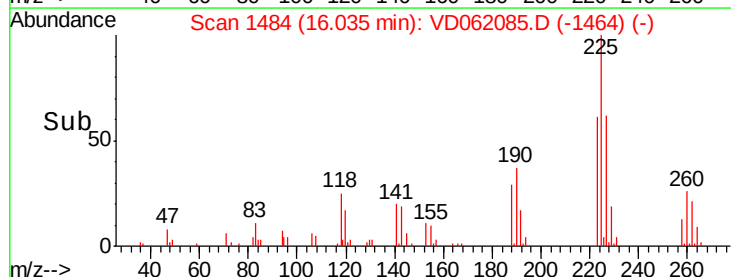


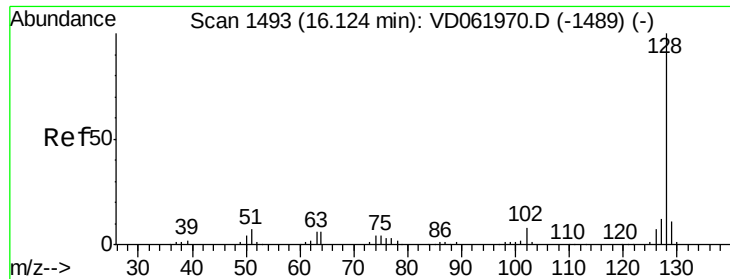
#94
 Hexachlorobutadiene
 Concen: 19.617 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: VD062085.D
 Acq: 30 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.6	92.0
227	62.2	32.0	96.2



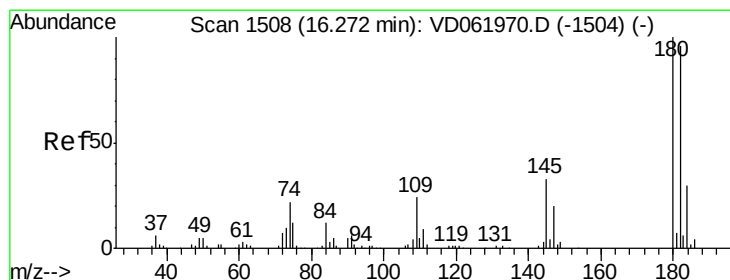
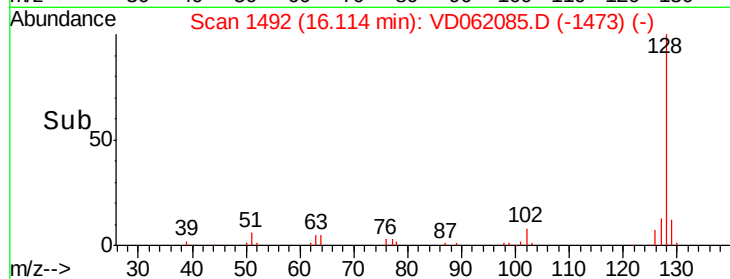
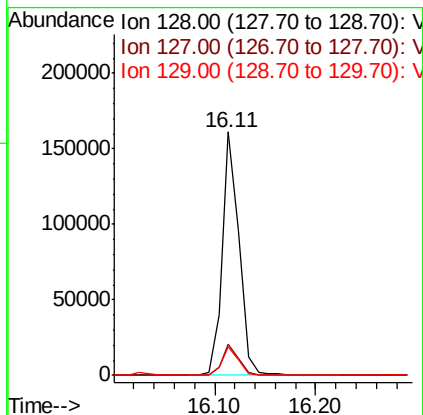
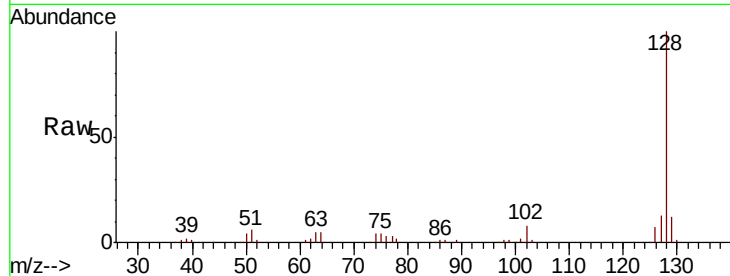
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95
Naphthalene
Concen: 22.726 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tot Ion:128 Resp: 187666
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.8
129 11.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.668 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VD062085.D
Acq: 30 Apr 2019 14:11

Tgt Ion:180 Resp: 62875
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.0
145 33.4 17.0 51.0

