

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062082.D
 Acq On : 30 Apr 2019 12:28
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00gm/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 01:12:32 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	598194	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	910476	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	782750	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	376392	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	248992	53.18	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	106.36%	
35) Dibromofluoromethane	6.91	113	349819	55.55	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	111.10%	
50) Toluene-d8	10.40	98	840388	56.09	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	112.18%	
62) 4-Bromofluorobenzene	13.55	95	349904	58.22	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	116.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	275297	51.540	ug/l	98
3) Chloromethane	1.75	50	204737	45.098	ug/l	99
4) Vinyl Chloride	1.85	62	189717	46.107	ug/l	99
5) Bromomethane	2.15	94	58804	55.643	ug/l	98
6) Chloroethane	2.27	64	76140	51.190	ug/l	94
7) Trichlorofluoromethane	2.53	101	340912	54.796	ug/l	96
8) Diethyl Ether	2.87	74	81028	48.594	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	297118	51.843	ug/l	96
10) Methyl Iodide	3.30	142	413422	47.636	ug/l	98
11) Tert butyl alcohol	4.05	59	67737	256.071	ug/l	97
12) 1,1-Dichloroethene	3.12	96	238068	48.825	ug/l	98
13) Acrolein	3.02	56	68552	249.769	ug/l	96
14) Allyl chloride	3.62	41	316479	47.533	ug/l	93
15) Acrylonitrile	4.18	53	196252	239.592	ug/l	96
16) Acetone	3.21	43	320312	286.536	ug/l	98
17) Carbon Disulfide	3.37	76	645960	45.845	ug/l	99
18) Methyl Acetate	3.63	43	95766	47.112	ug/l	99
19) Methyl tert-butyl Ether	4.23	73	443418	45.834	ug/l	95
20) Methylene Chloride	3.81	84	267731	49.141	ug/l	98
21) trans-1,2-Dichloroethene	4.21	96	246401	44.051	ug/l	94
22) Diisopropyl ether	5.10	45	734688	47.263	ug/l	95
23) Vinyl Acetate	5.04	43	1993910	246.308	ug/l	100
24) 1,1-Dichloroethane	4.97	63	441719	47.014	ug/l	99
25) 2-Butanone	6.06	43	325087	239.856	ug/l	96
26) 2,2-Dichloropropane	6.01	77	424601	51.803	ug/l	97
27) cis-1,2-Dichloroethene	6.02	96	305117	47.949	ug/l	97
28) Bromochloromethane	6.43	49	179418	49.909	ug/l	99
29) Tetrahydrofuran	6.44	42	155605	233.008	ug/l	99
30) Chloroform	6.65	83	514896	48.249	ug/l	97
31) Cyclohexane	6.95	56	324276	46.500	ug/l	100
32) 1,1,1-Trichloroethane	6.86	97	451997	48.680	ug/l	99
36) 1,1-Dichloropropene	7.13	75	363105	51.188	ug/l	98
37) Ethyl Acetate	6.17	43	151557	50.138	ug/l	97
38) Carbon Tetrachloride	7.10	117	520735	57.932	ug/l	97

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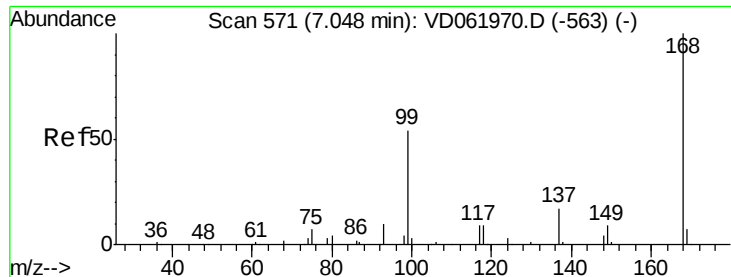
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	405464	57.934	ug/l	97
40) Benzene	7.44	78	875968	49.880	ug/l	97
41) Methacrylonitrile	6.44	41	176757	50.116	ug/l #	87
42) 1,2-Dichloroethane	7.56	62	324817	54.475	ug/l	98
43) Isopropyl Acetate	9.23	43	221005	50.038	ug/l #	99
44) Trichloroethene	8.53	130	368293	54.095	ug/l	100
45) 1,2-Dichloropropane	8.92	63	234633	52.666	ug/l	100
46) Dibromomethane	9.05	93	167304	52.189	ug/l	95
47) Bromodichloromethane	9.36	83	402106	53.086	ug/l	97
48) Methyl methacrylate	9.11	41	120661	47.881	ug/l	98
49) 1,4-Dioxane	9.07	88	29170	1073.658	ug/l #	93
51) 4-Methyl-2-Pentanone	10.29	43	731511	270.818	ug/l	100
52) Toluene	10.50	92	587814	52.496	ug/l	97
53) t-1,3-Dichloropropene	10.90	75	374473	58.898	ug/l	98
54) cis-1,3-Dichloropropene	10.02	75	444233	57.447	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	207519	55.203	ug/l	98
56) Ethyl methacrylate	11.03	69	217056	52.133	ug/l	99
57) 1,3-Dichloropropane	11.39	76	315888	54.407	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	532937	275.319	ug/l	98
59) 2-Hexanone	11.52	43	577716	285.120	ug/l	99
60) Dibromochloromethane	11.68	129	324500	52.170	ug/l	100
61) 1,2-Dibromoethane	11.80	107	240144	53.852	ug/l	99
64) Tetrachloroethene	11.24	164	271524	48.627	ug/l	94
65) Chlorobenzene	12.40	112	687759	46.498	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.50	131	319722	50.959	ug/l	97
67) Ethyl Benzene	12.51	91	1162217	48.141	ug/l	99
68) m/p-Xylenes	12.66	106	879628	100.811	ug/l	99
69) o-Xylene	13.05	106	386634	48.428	ug/l	97
70) Styrene	13.07	104	676511	49.075	ug/l	100
71) Bromoform	13.22	173	189176	52.888	ug/l	98
73) Isopropylbenzene	13.40	105	1188170	47.322	ug/l	98
74) N-amyl acetate	13.26	43	277163	42.863	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	236831	48.134	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	225190	47.114	ug/l	99
77) Bromobenzene	13.67	156	334532	46.446	ug/l	99
78) n-propylbenzene	13.77	91	1421618	49.460	ug/l	98
79) 2-Chlorotoluene	13.83	91	791344	45.454	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	903919	45.150	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	71819	49.585	ug/l	96
82) 4-Chlorotoluene	13.94	91	871738	45.467	ug/l	96
83) tert-Butylbenzene	14.19	119	1158261	49.942	ug/l	94
84) 1,2,4-Trimethylbenzene	14.23	105	967101	50.591	ug/l	96
85) sec-Butylbenzene	14.37	105	1270783	50.711	ug/l	96
86) p-Isopropyltoluene	14.48	119	971976	43.339	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	582058	46.147	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	551405	46.746	ug/l	96
89) n-Butylbenzene	14.79	91	993419	49.338	ug/l	96
90) Hexachloroethane	15.01	117	308807	50.920	ug/l	88
91) 1,2-Dichlorobenzene	14.80	146	499788	48.036	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	30128	41.896	ug/l	69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	258768	46.095	ug/l	97
94) Hexachlorobutadiene	16.03	225	197897	47.635	ug/l	97
95) Naphthalene	16.12	128	413318	45.599	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	148810	46.719	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD062082.D

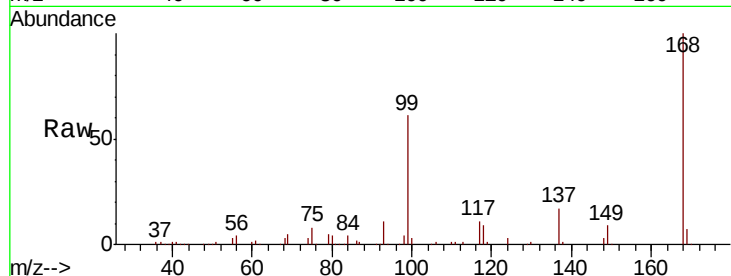
Acq: 30 Apr 2019 12:28

Tot Ion:168 Resp: 598194

Ion Ratio Lower Upper

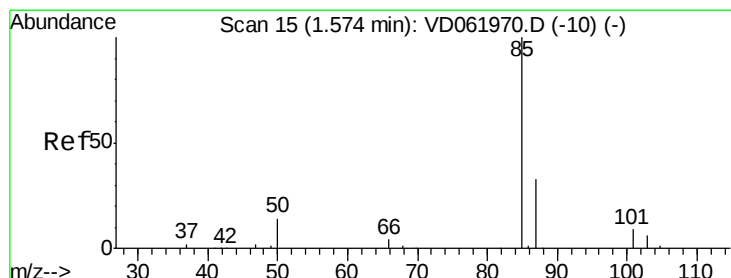
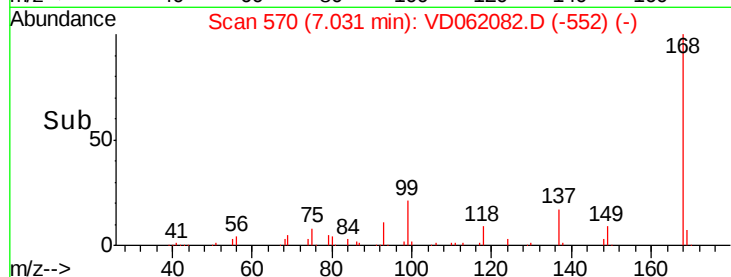
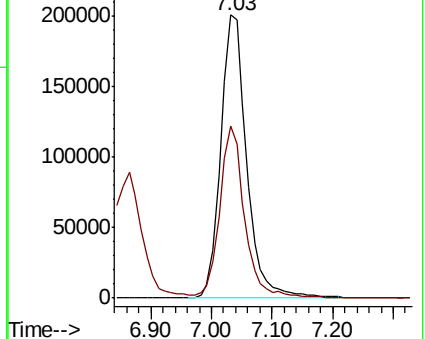
168 100

99 60.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 51.540 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.01 min

Lab File: VD062082.D

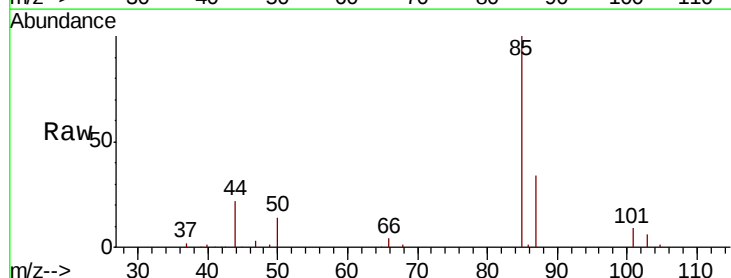
Acq: 30 Apr 2019 12:28

Tgt Ion: 85 Resp: 275297

Ion Ratio Lower Upper

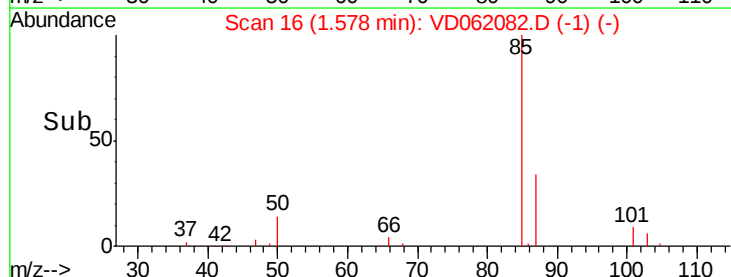
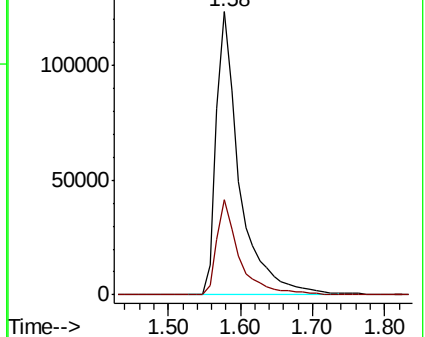
85 100

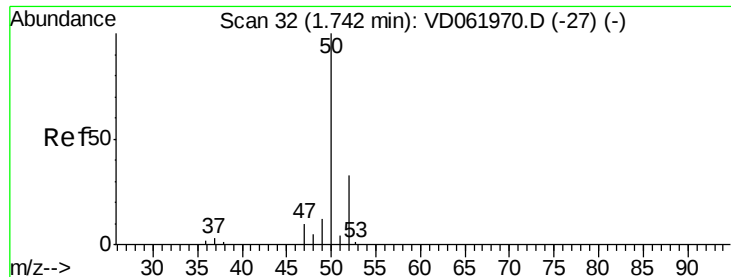
87 33.6 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.098 ug/l

RT: 1.75 min Scan# 34

Delta R.T. -0.00 min

Lab File: VD062082.D

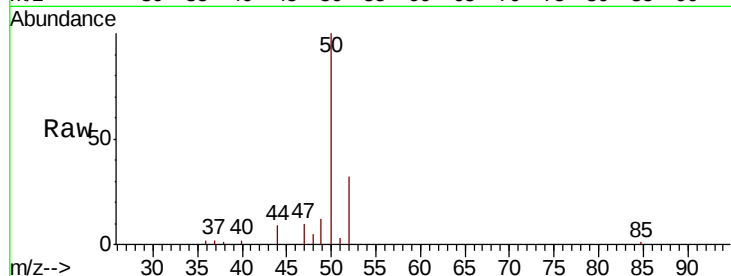
Acq: 30 Apr 2019 12:28

Tot Ion: 50 Resp: 204737

Ion Ratio Lower Upper

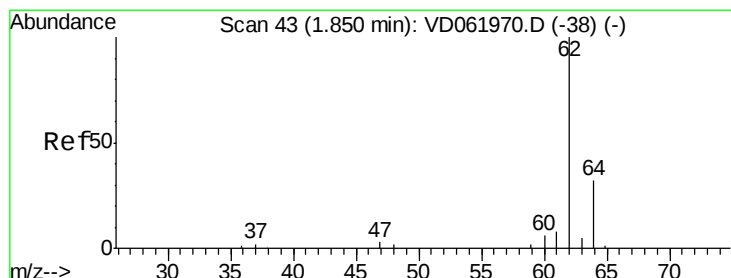
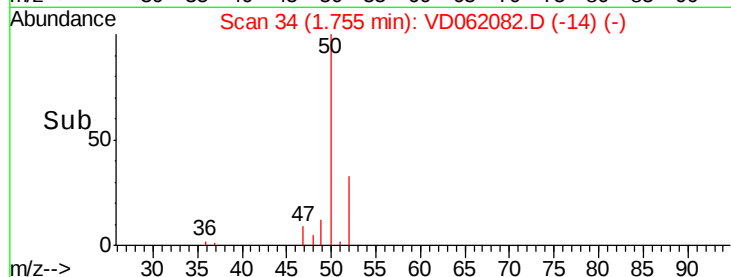
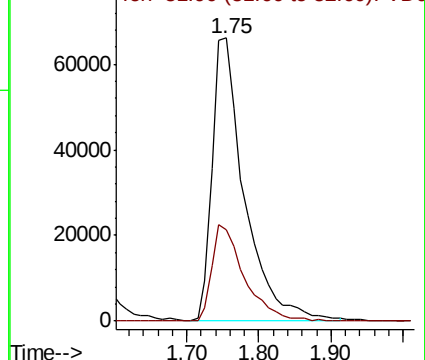
50 100

52 32.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.107 ug/l

RT: 1.85 min Scan# 44

Delta R.T. -0.00 min

Lab File: VD062082.D

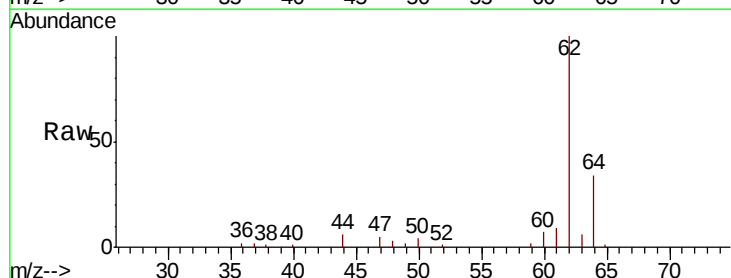
Acq: 30 Apr 2019 12:28

Tgt Ion: 62 Resp: 189717

Ion Ratio Lower Upper

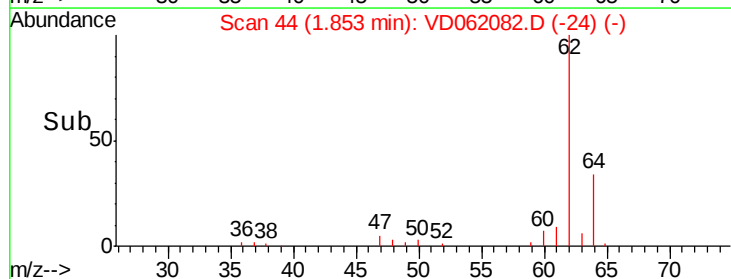
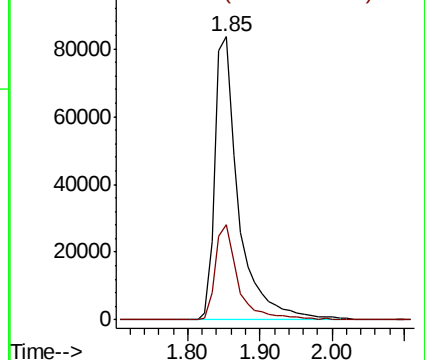
62 100

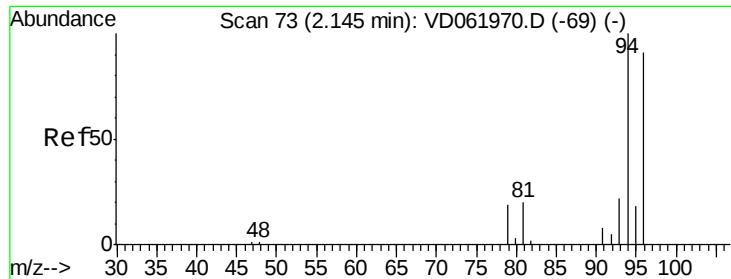
64 33.6 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 55.643 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.01 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

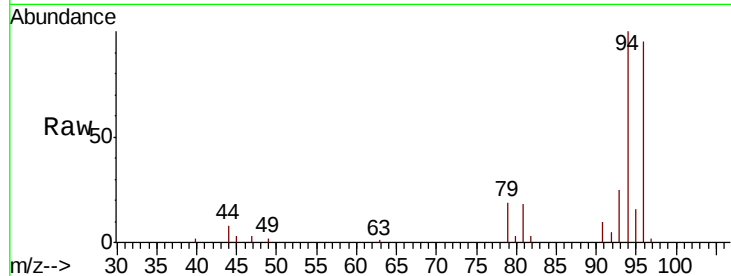
Tot Ion: 94 Resp: 58804

Ion Ratio Lower Upper

94 100

96 94.7 76.6 115.0

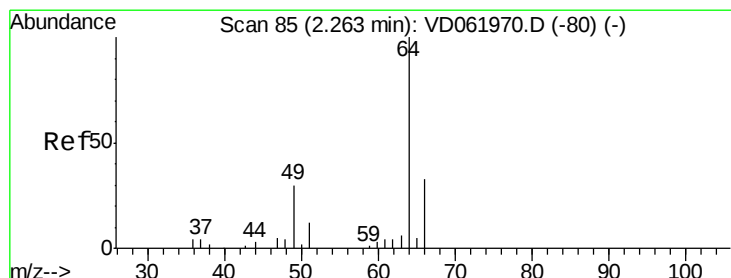
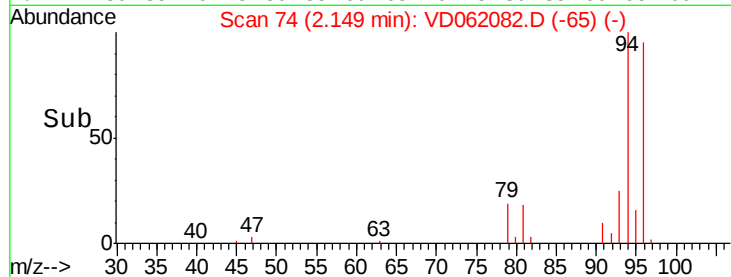
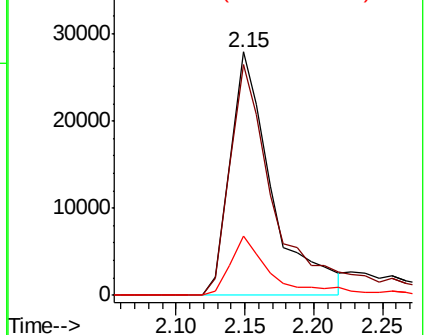
93 24.6 18.5 27.7



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: 51.190 ug/l

RT: 2.27 min Scan# 86

Delta R.T. -0.01 min

Lab File: VD062082.D

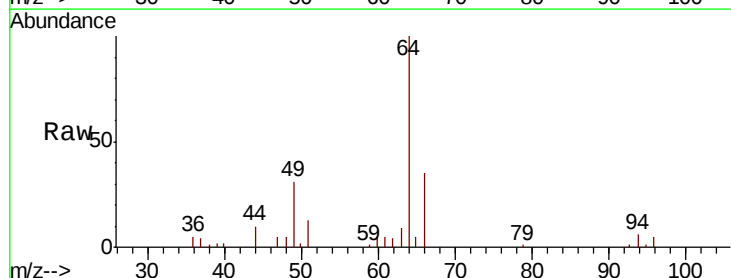
Acq: 30 Apr 2019 12:28

Tgt Ion: 64 Resp: 76140

Ion Ratio Lower Upper

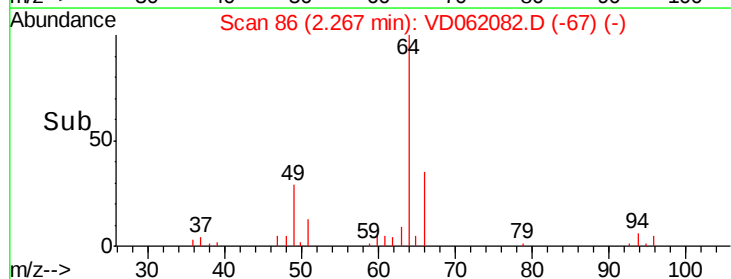
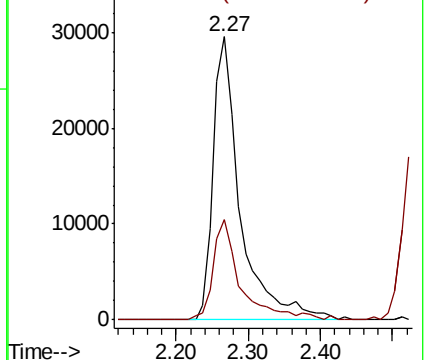
64 100

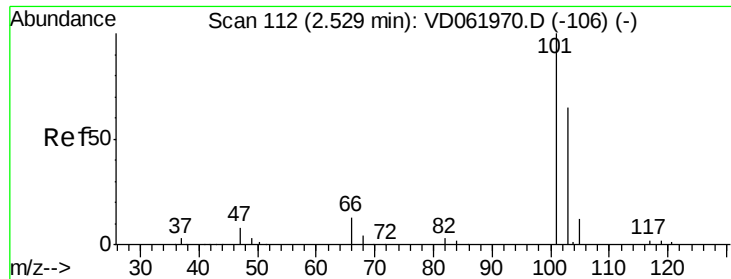
66 35.3 25.6 38.4



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

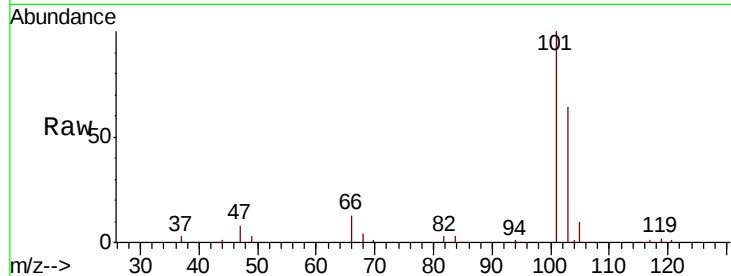




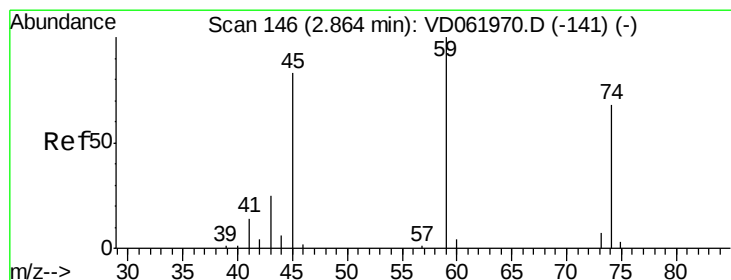
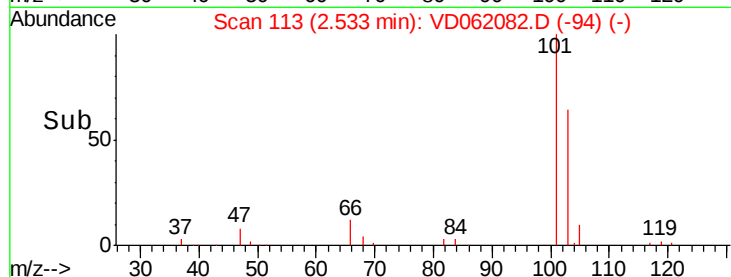
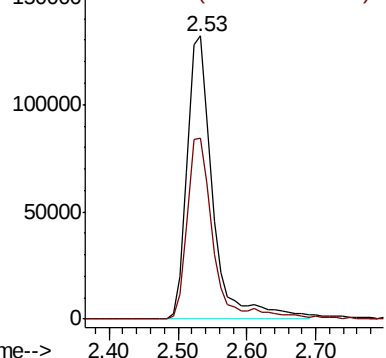
#7

Trichlorofluoromethane
Concen: 54.796 ug/l
RT: 2.53 min Scan# 113
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tot Ion:101 Resp: 340912
Ion Ratio Lower Upper
101 100
103 64.1 53.6 80.4



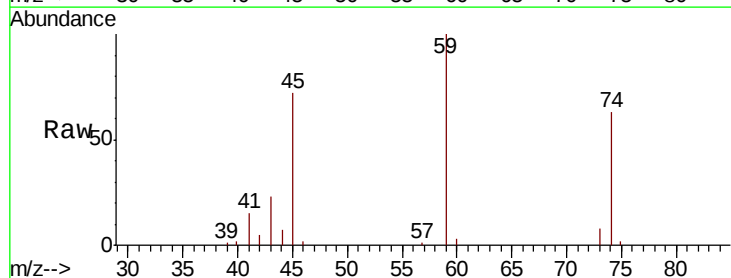
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



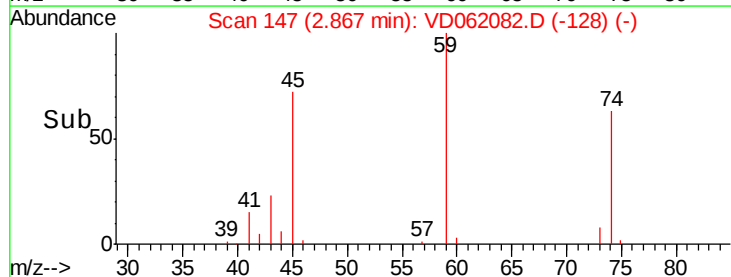
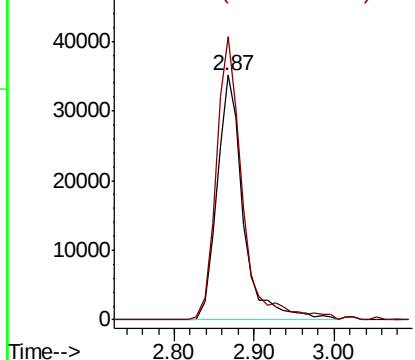
#8

Diethyl Ether
Concen: 48.594 ug/l
RT: 2.87 min Scan# 147
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion: 74 Resp: 81028
Ion Ratio Lower Upper
74 100
45 115.7 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: 51.843 ug/l

RT: 3.14 min Scan# 175

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

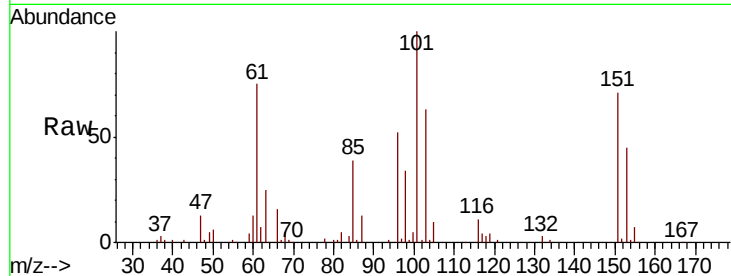
Tot Ion:101 Resp: 297118

Ion Ratio Lower Upper

101 100

85 38.6 32.4 48.6

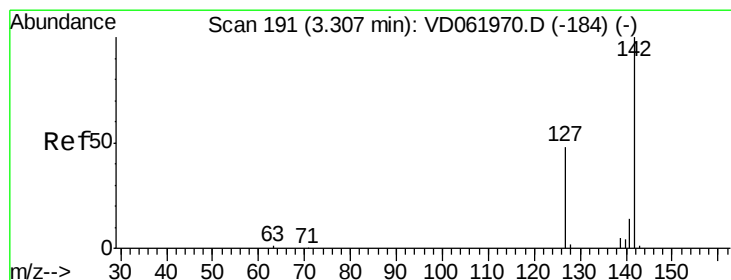
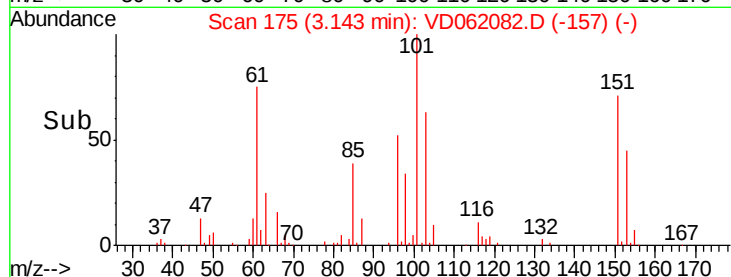
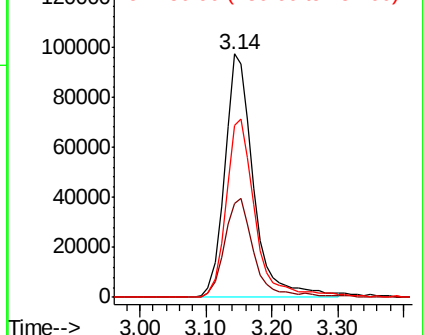
151 70.6 59.4 89.0



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: 47.636 ug/l

RT: 3.30 min Scan# 191

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

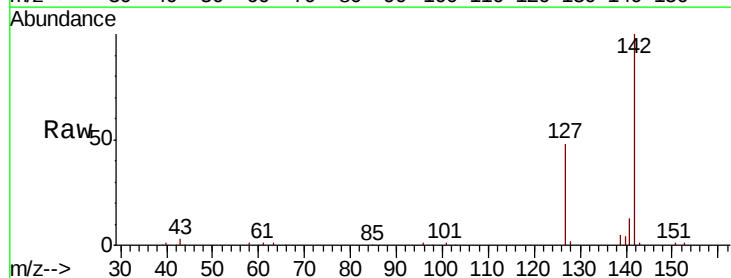
Tgt Ion:142 Resp: 413422

Ion Ratio Lower Upper

142 100

127 47.7 38.8 58.2

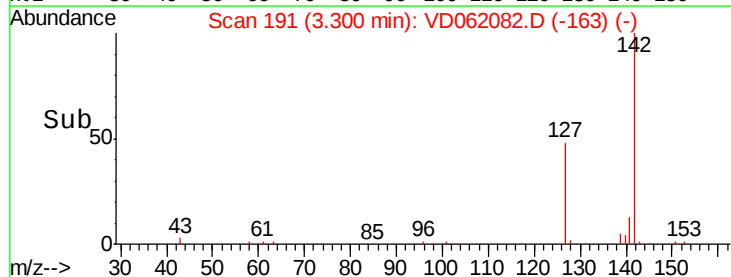
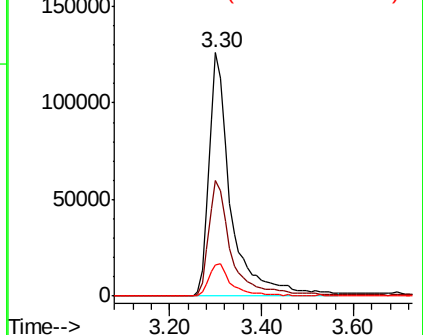
141 13.0 11.4 17.0

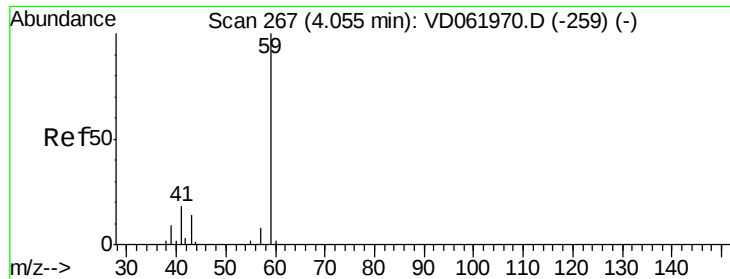


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

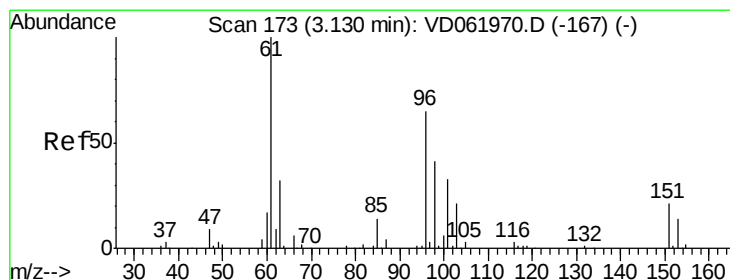
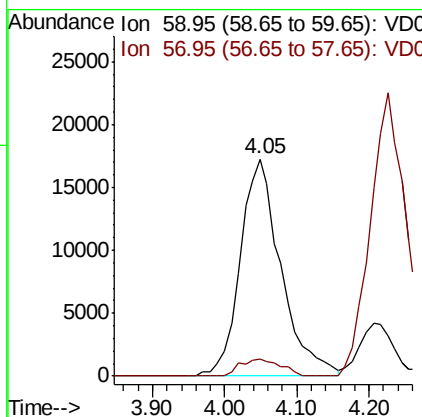
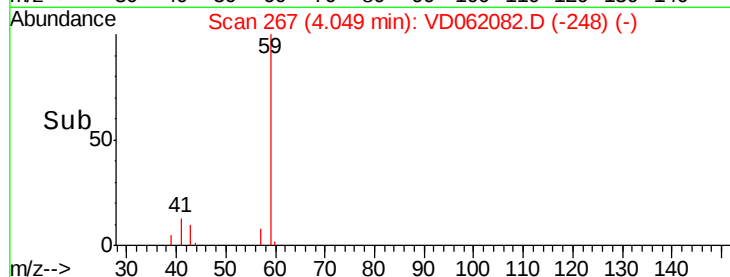
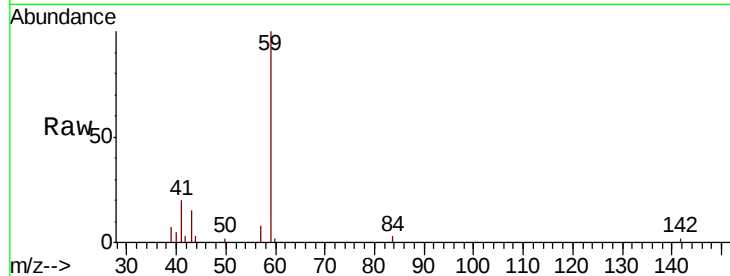
Ion 140.85 (140.55 to 141.55): V





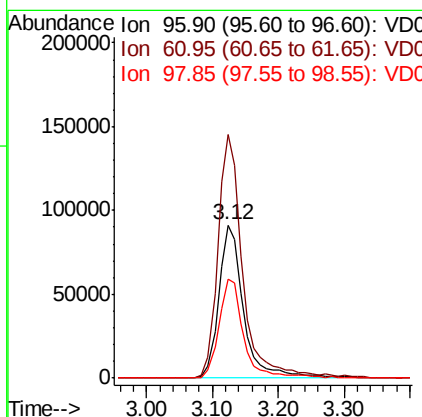
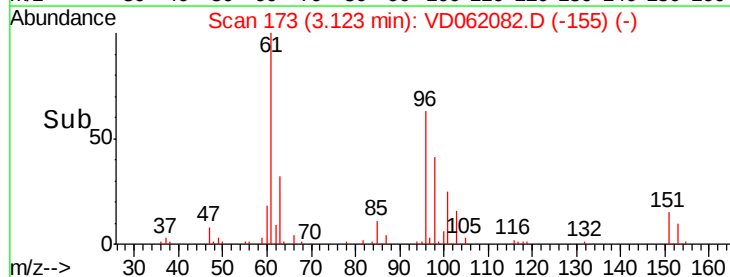
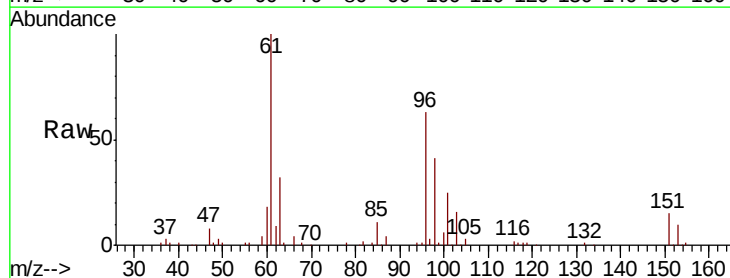
#11
Tert butyl alcohol
Concen: 256.071 ug/l
RT: 4.05 min Scan# 267
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

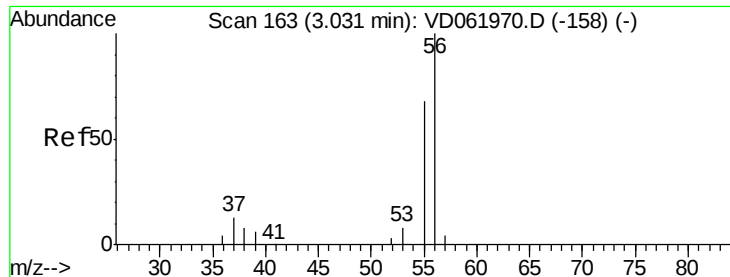
Tot Ion: 59 Resp: 67737
Ion Ratio Lower Upper
59 100
57 7.7 6.9 10.3



#12
1,1-Dichloroethene
Concen: 48.825 ug/l
RT: 3.12 min Scan# 173
Delta R.T. -0.02 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion: 96 Resp: 238068
Ion Ratio Lower Upper
96 100
61 159.0 129.8 194.8
98 64.5 51.2 76.8





#13

Acrolein

Concen: 249.769 ug/l

RT: 3.02 min Scan# 163

Delta R.T. -0.02 min

Lab File: VD062082.D

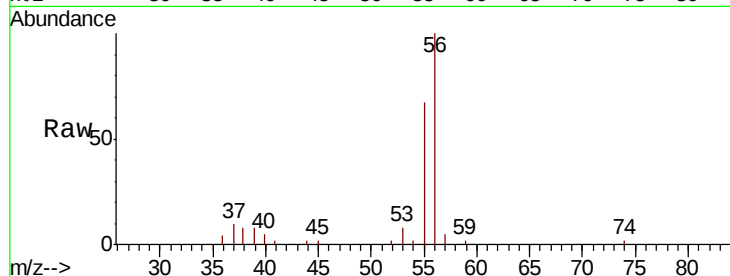
Acq: 30 Apr 2019 12:28

Tot Ion: 56 Resp: 68552

Ion Ratio Lower Upper

56 100

55 67.4 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.02

25000

20000

15000

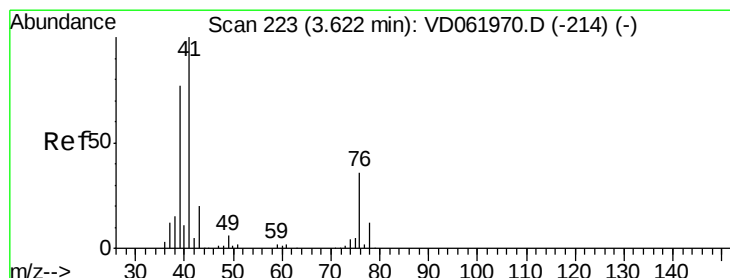
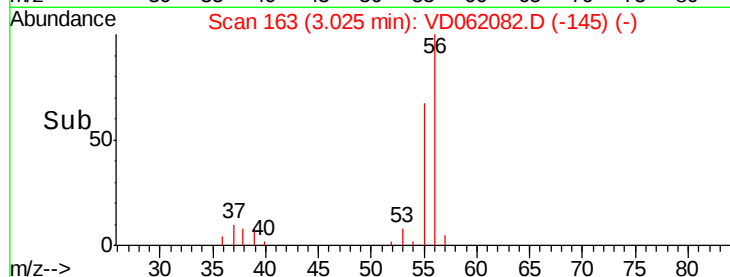
10000

5000

0

Time-->

2.90 3.00 3.10 3.20



#14

Allyl chloride

Concen: 47.533 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

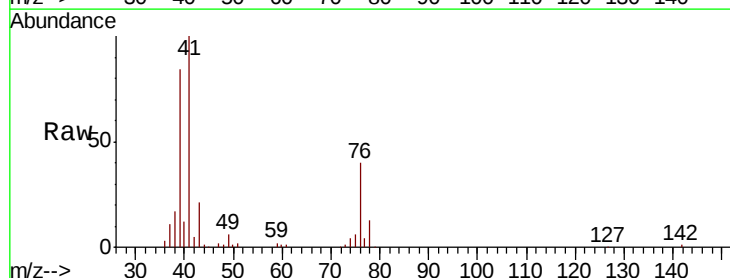
Tgt Ion: 41 Resp: 316479

Ion Ratio Lower Upper

41 100

39 83.9 60.5 90.7

76 40.4 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

150000

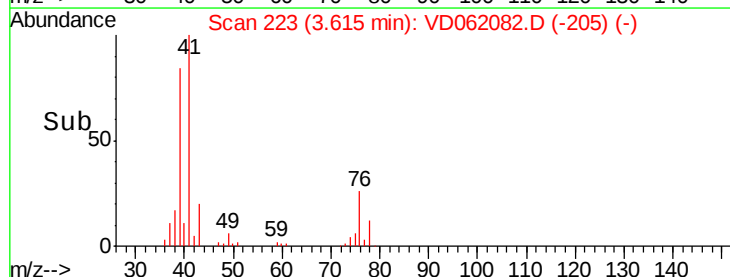
100000

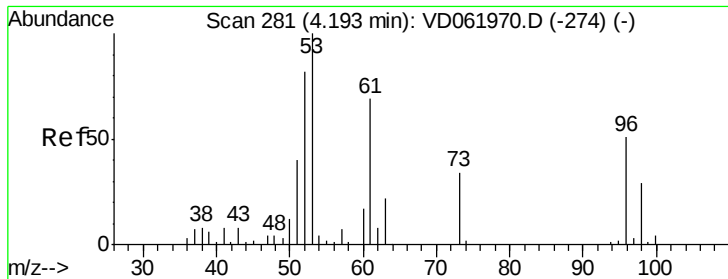
50000

0

Time-->

3.50 3.60 3.70 3.80





#15

Acrylonitrile

Concen: 239.592 ug/l

RT: 4.18 min Scan# 280

Delta R.T. -0.03 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

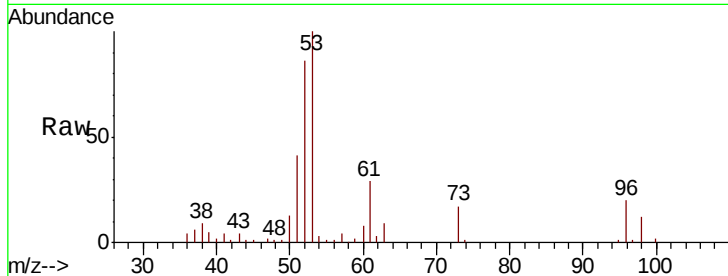
Tot Ion: 53 Resp: 196252

Ion Ratio Lower Upper

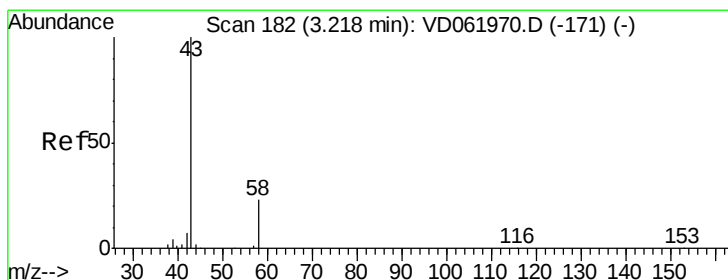
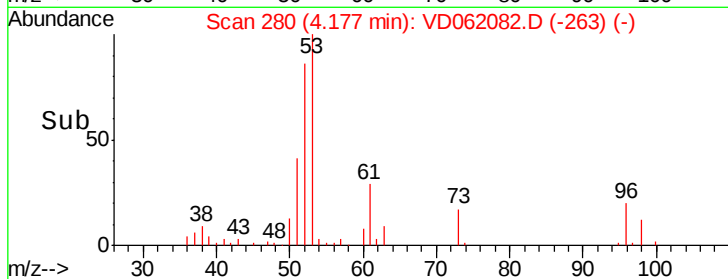
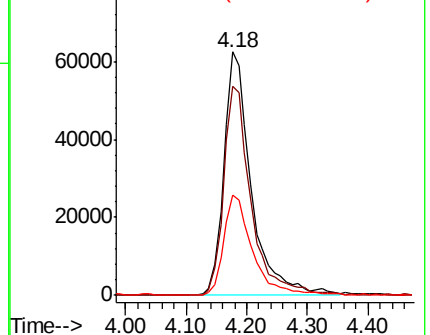
53 100

52 86.1 65.0 97.4

51 41.4 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: 286.536 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062082.D

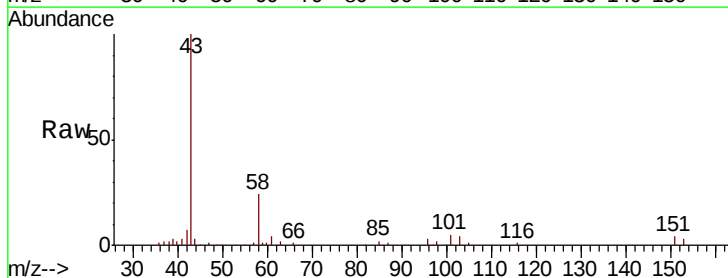
Acq: 30 Apr 2019 12:28

Tgt Ion: 43 Resp: 320312

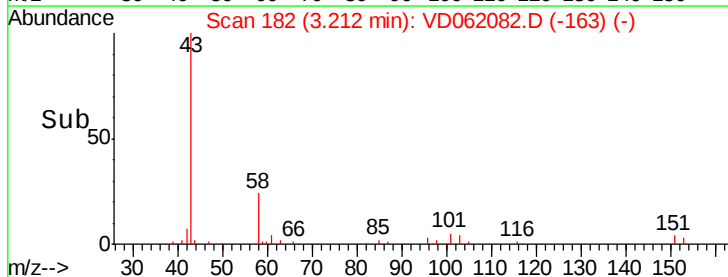
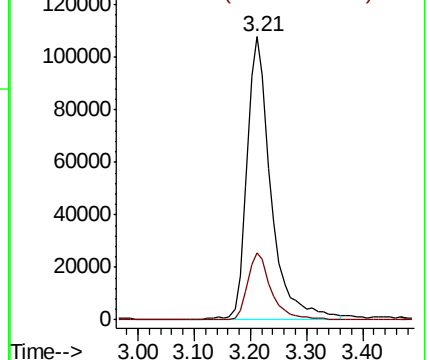
Ion Ratio Lower Upper

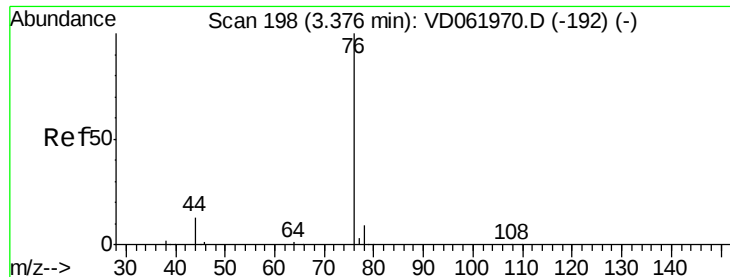
43 100

58 23.8 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: 45.845 ug/l

RT: 3.37 min Scan# 198

Delta R.T. -0.02 min

Lab File: VD062082.D

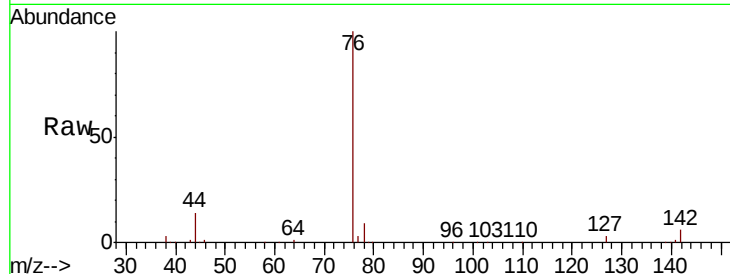
Acq: 30 Apr 2019 12:28

Tot Ion: 76 Resp: 645960

Ion Ratio Lower Upper

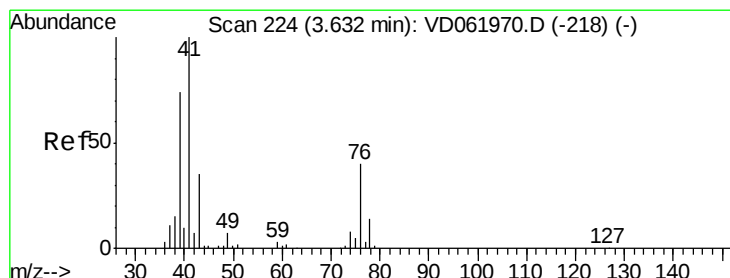
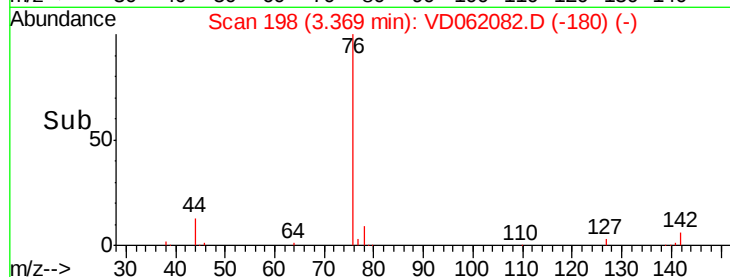
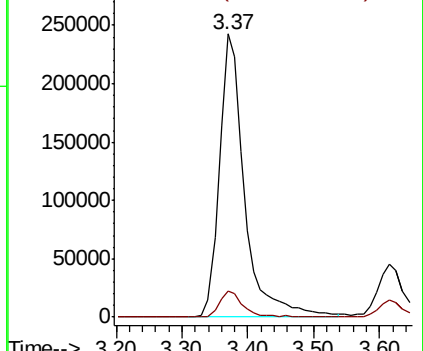
76 100

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: 47.112 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.02 min

Lab File: VD062082.D

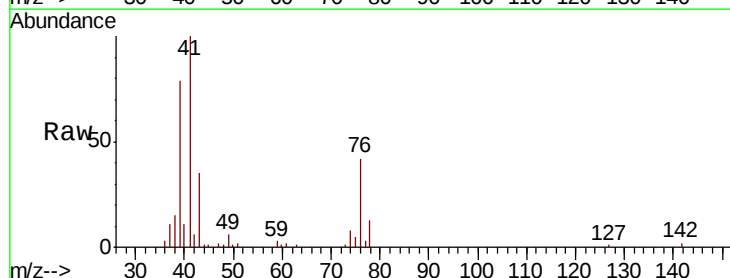
Acq: 30 Apr 2019 12:28

Tgt Ion: 43 Resp: 95766

Ion Ratio Lower Upper

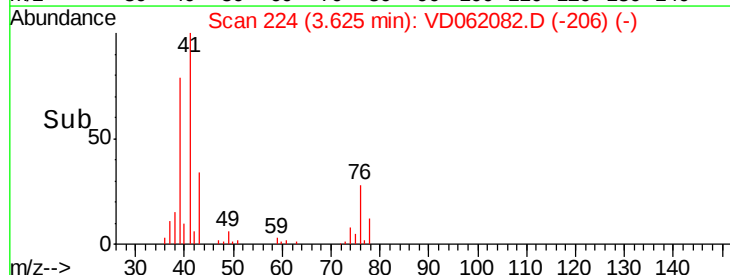
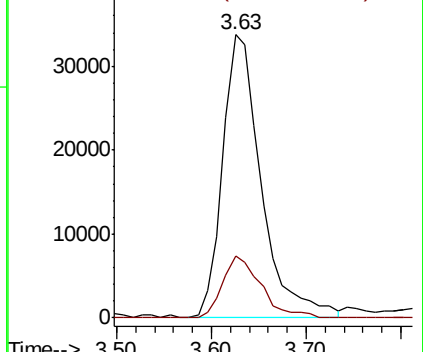
43 100

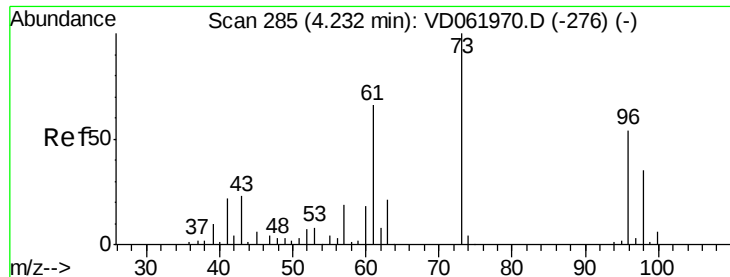
74 22.0 18.0 27.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

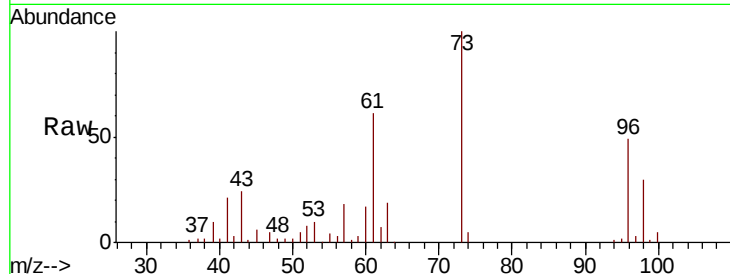




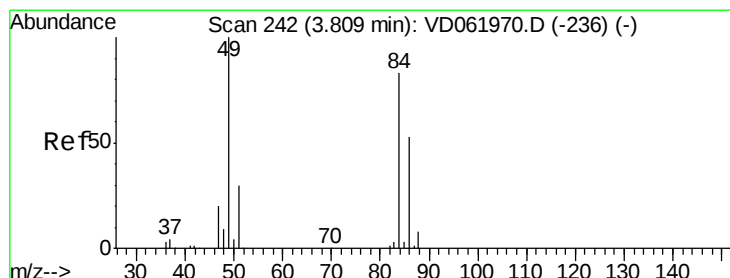
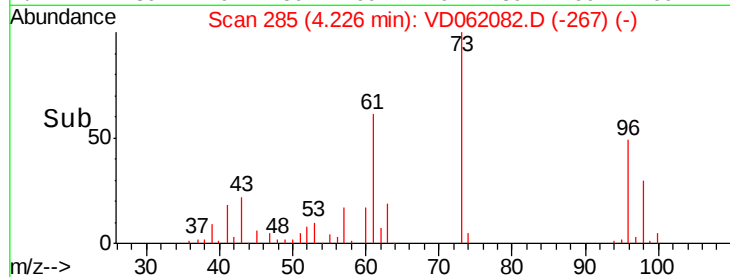
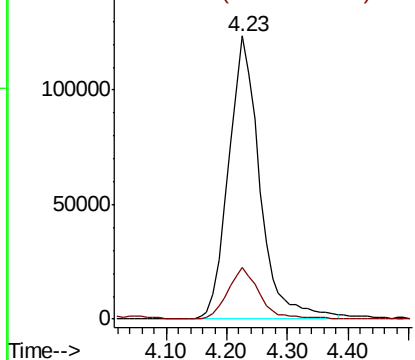
#19

Methyl tert-butyl Ether
 Concen: 45.834 ug/l
 RT: 4.23 min Scan# 285
 Delta R.T. -0.02 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tot Ion: 73 Resp: 443418
 Ion Ratio Lower Upper
 73 100
 57 18.2 16.3 24.5



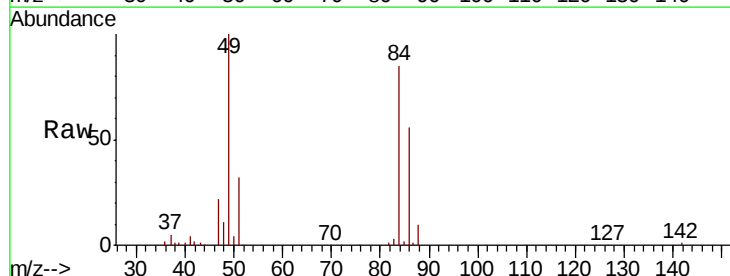
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



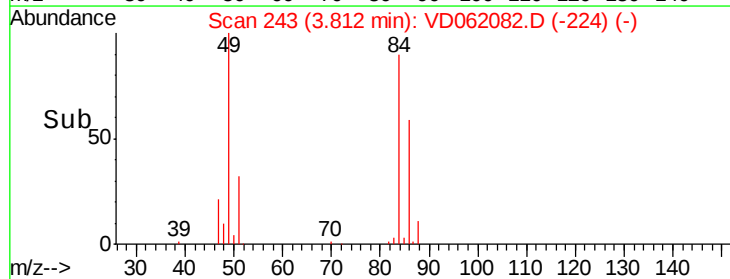
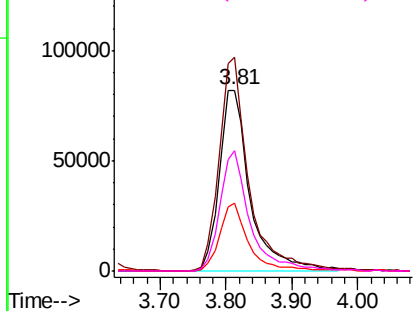
#20

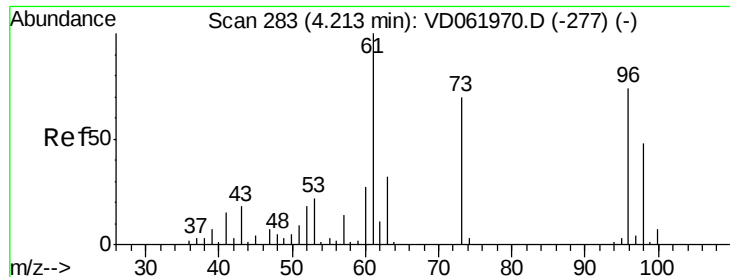
Methylene Chloride
 Concen: 49.141 ug/l
 RT: 3.81 min Scan# 243
 Delta R.T. -0.01 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tgt Ion: 84 Resp: 267731
 Ion Ratio Lower Upper
 84 100
 49 118.0 94.0 141.0
 51 37.3 29.0 43.4
 86 66.2 49.8 74.6



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





#21

trans-1,2-Dichloroethene

Concen: 44.051 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

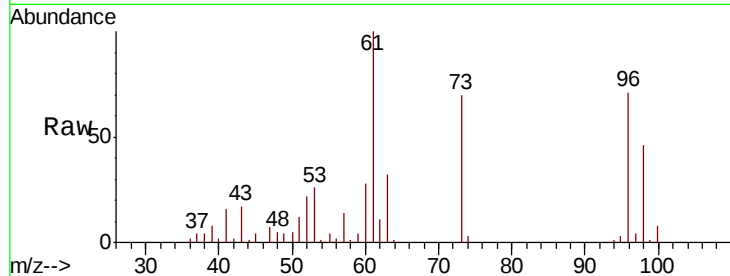
Tot Ion: 96 Resp: 246401

Ion Ratio Lower Upper

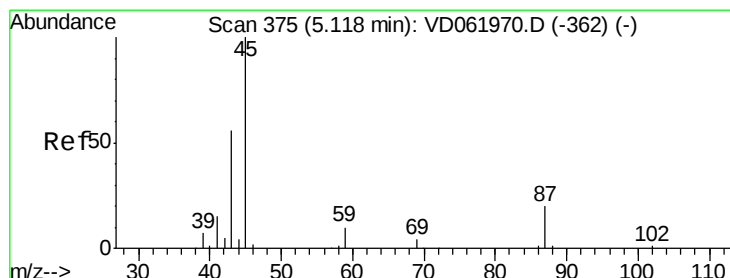
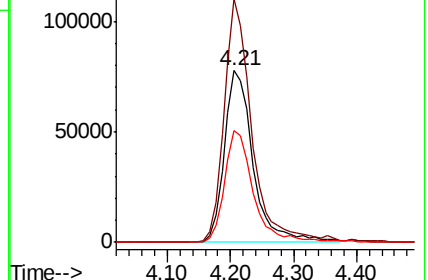
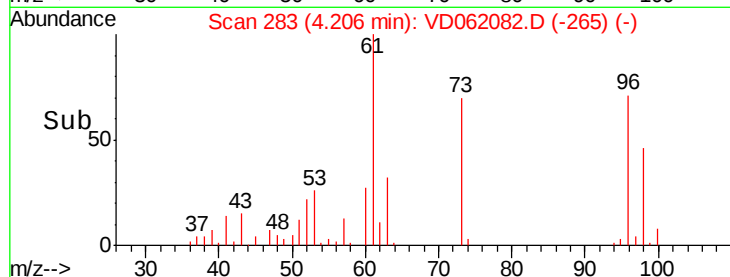
96 100

61 141.7 104.4 156.6

98 64.7 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: 47.263 ug/l

RT: 5.10 min Scan# 374

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

Tgt Ion: 45 Resp: 734688

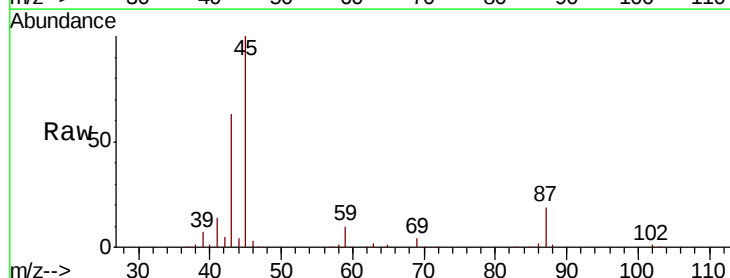
Ion Ratio Lower Upper

45 100

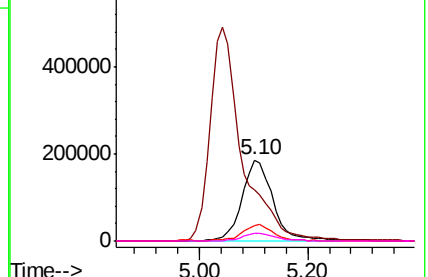
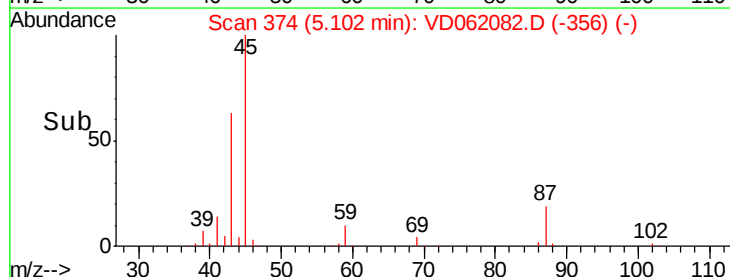
43 63.3 46.2 69.2

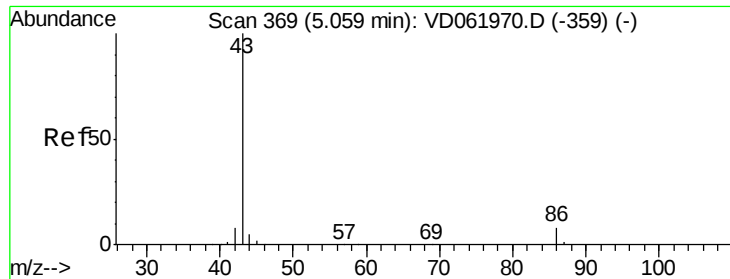
87 19.4 15.9 23.9

59 9.7 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: 246.308 ug/l

RT: 5.04 min Scan# 368

Delta R.T. -0.02 min

Lab File: VD062082.D

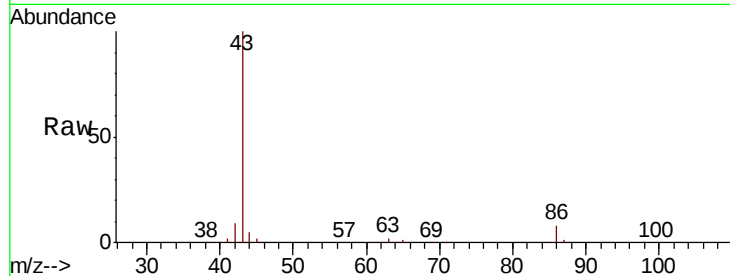
Acq: 30 Apr 2019 12:28

Tot Ion: 43 Resp: 1993910

Ion Ratio Lower Upper

43 100

86 8.0 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

5.04

500000

400000

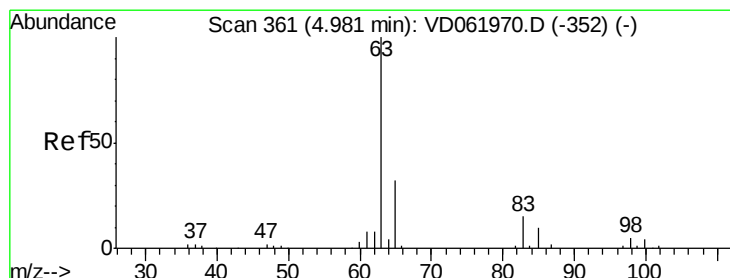
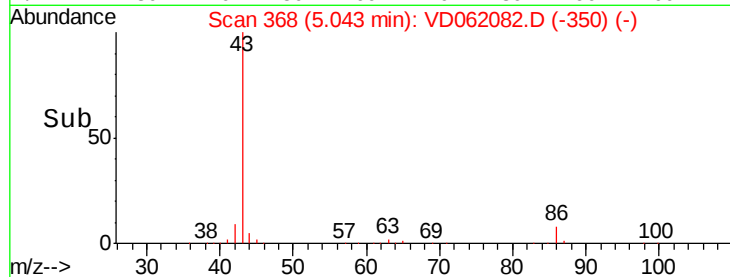
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.014 ug/l

RT: 4.97 min Scan# 361

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

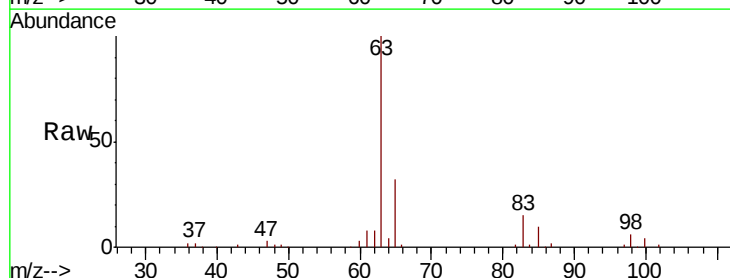
Tgt Ion: 63 Resp: 441719

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.1 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

4.97

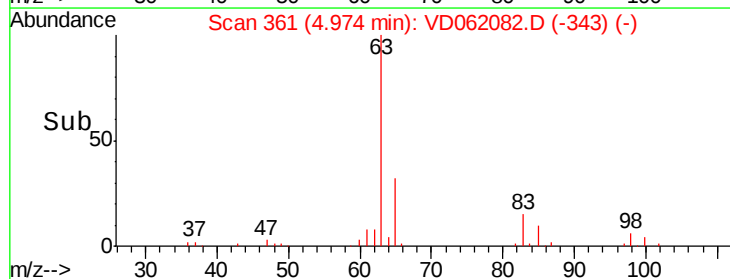
150000

100000

50000

0

Time-->





#25

2-Butanone

Concen: 239.856 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.02 min

Lab File: VD062082.D

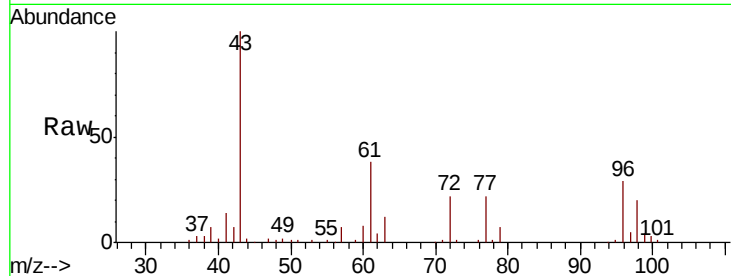
Acq: 30 Apr 2019 12:28

Tot Ion: 43 Resp: 325087

Ion Ratio Lower Upper

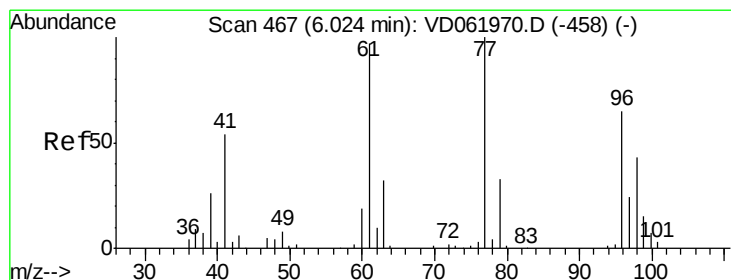
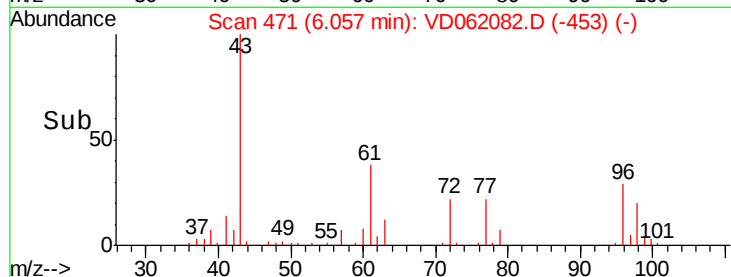
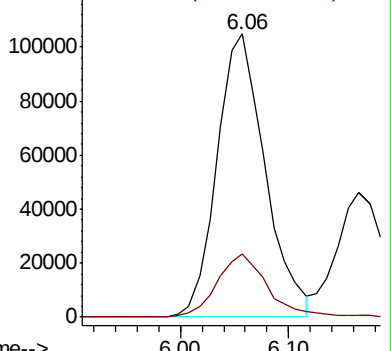
43 100

72 22.2 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: 51.803 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.02 min

Lab File: VD062082.D

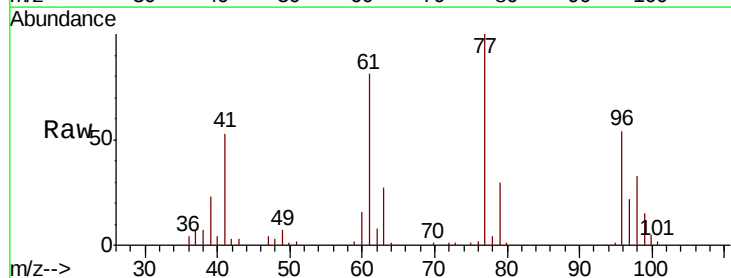
Acq: 30 Apr 2019 12:28

Tgt Ion: 77 Resp: 424601

Ion Ratio Lower Upper

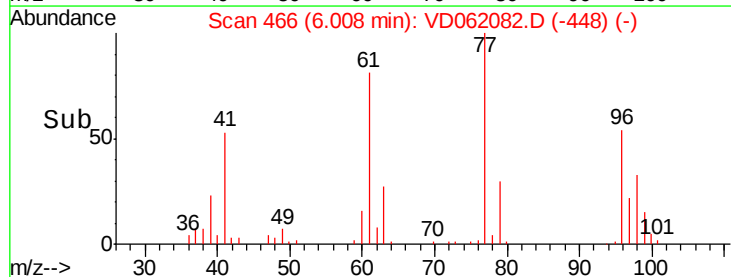
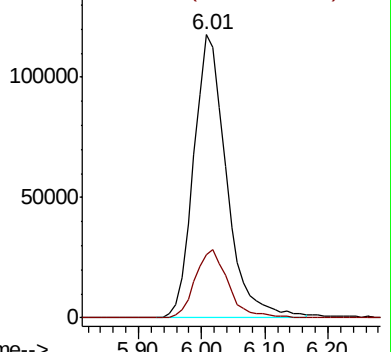
77 100

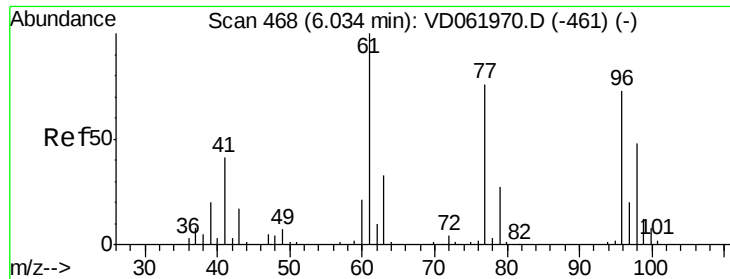
97 22.2 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

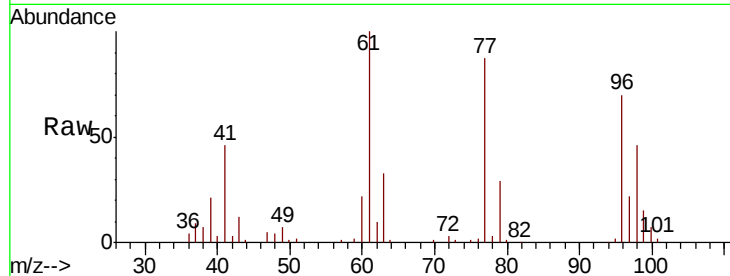




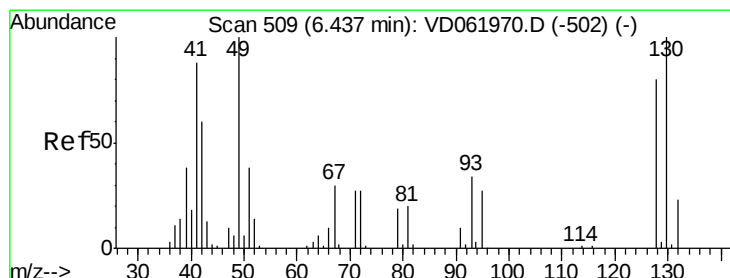
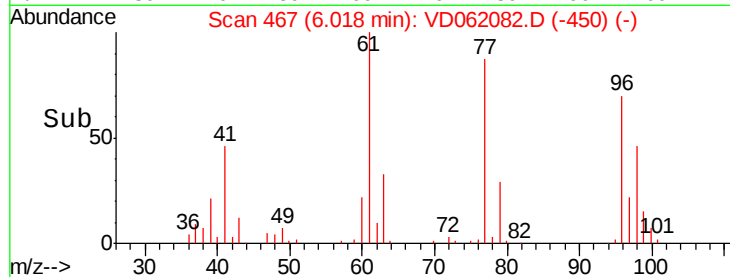
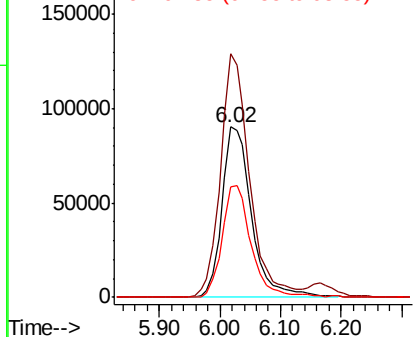
#27

cis-1,2-Dichloroethene
 Concen: 47.949 ug/l
 RT: 6.02 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tot Ion	96	Resp	305117
Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	279.8
98	65.2	0.0	136.0



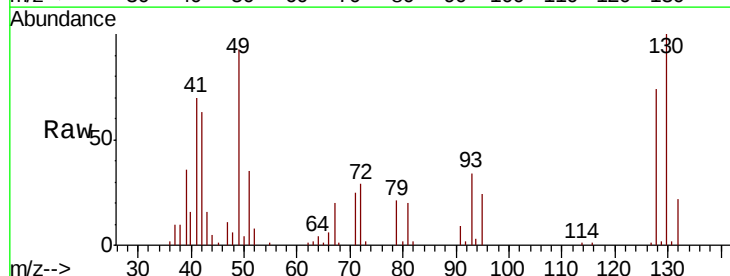
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



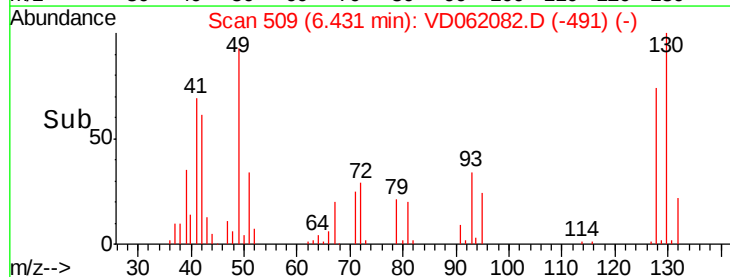
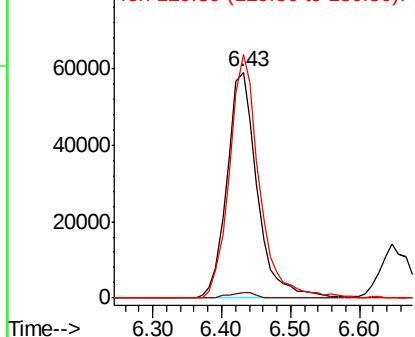
#28

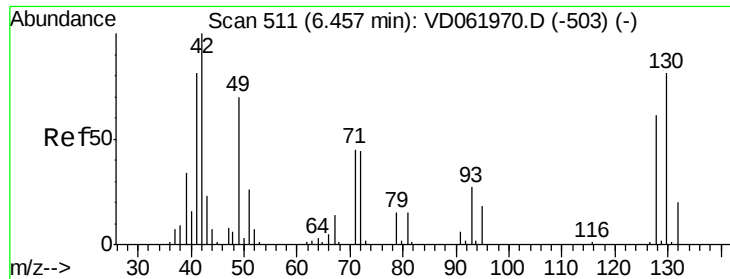
Bromochloromethane
 Concen: 49.909 ug/l
 RT: 6.43 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tgt Ion	49	Resp	179418
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	6.6
130	107.7	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: 233.008 ug/l

RT: 6.44 min Scan# 510

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

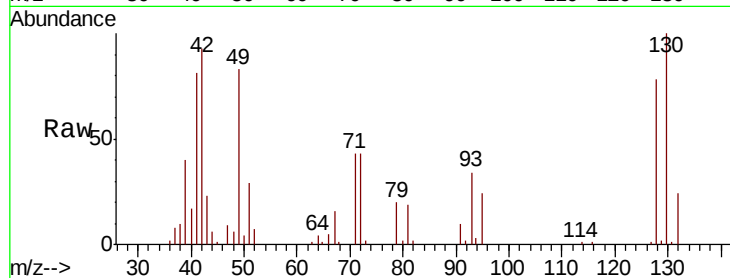
Tot Ion: 42 Resp: 155605

Ion Ratio Lower Upper

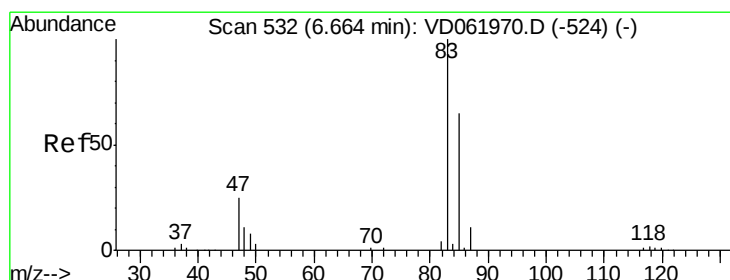
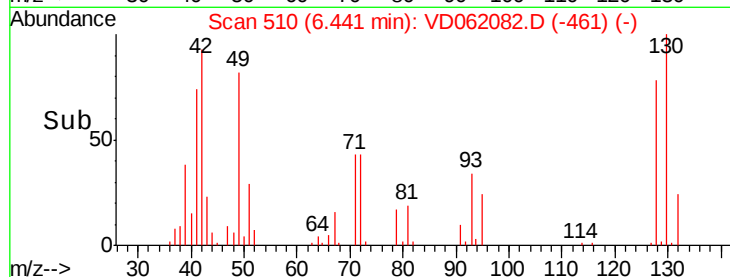
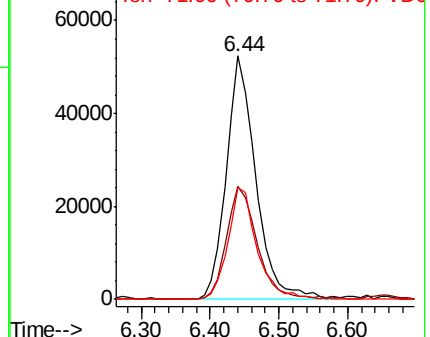
42 100

72 47.9 37.8 56.6

71 45.3 36.7 55.1



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



#30

Chloroform

Concen: 48.249 ug/l

RT: 6.65 min Scan# 531

Delta R.T. -0.03 min

Lab File: VD062082.D

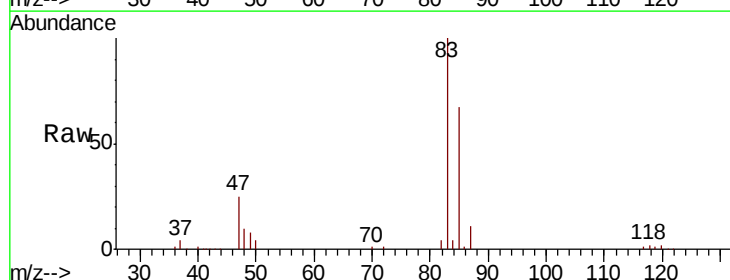
Acq: 30 Apr 2019 12:28

Tgt Ion: 83 Resp: 514896

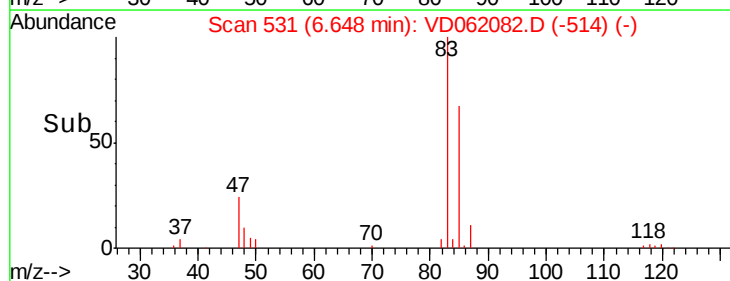
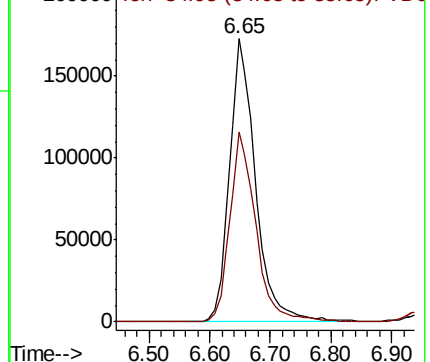
Ion Ratio Lower Upper

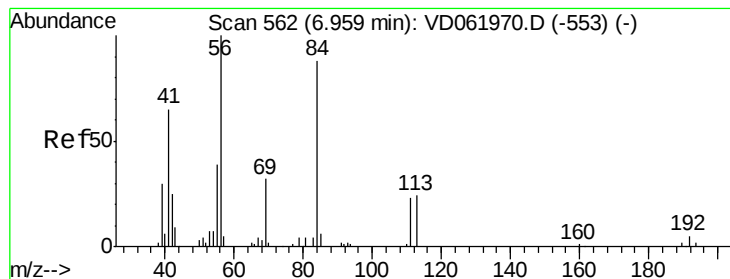
83 100

85 67.0 51.7 77.5



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





#31

Cvclohexane

Concen: 46.500 ug/l

RT: 6.95 min Scan# 562

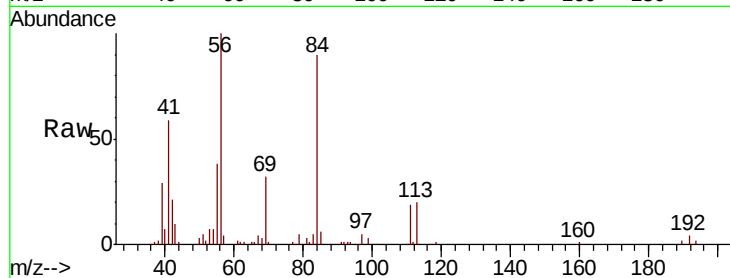
Delta R.T. -0.01 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

Tot Ion: 56 Resp: 324276

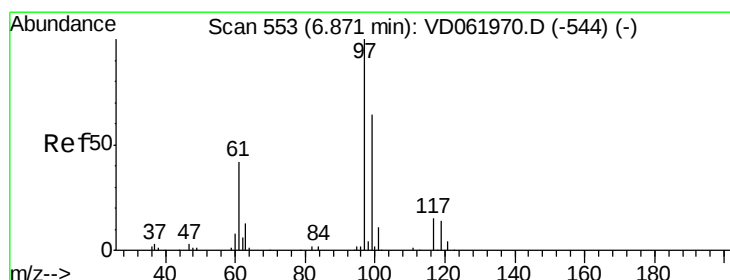
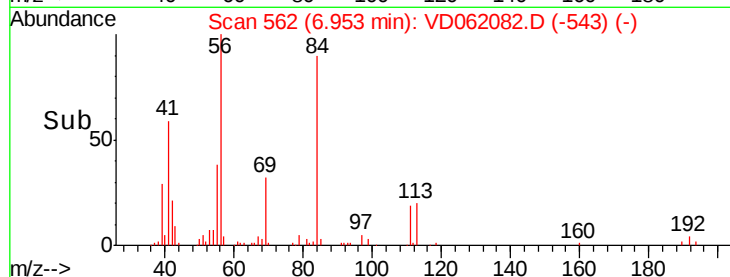
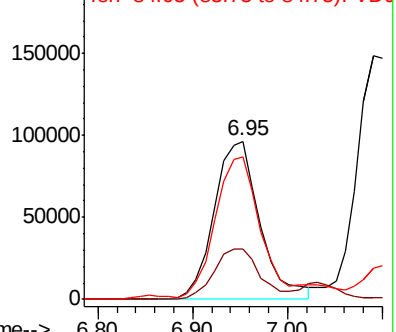
Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.8	38.6
84	90.3	72.2	108.4



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 48.680 ug/l

RT: 6.86 min Scan# 553

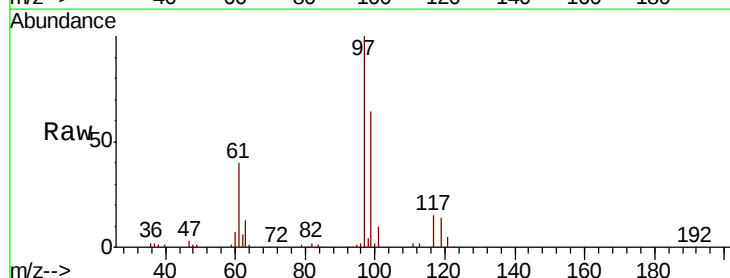
Delta R.T. -0.01 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

Tgt Ion: 97 Resp: 451997

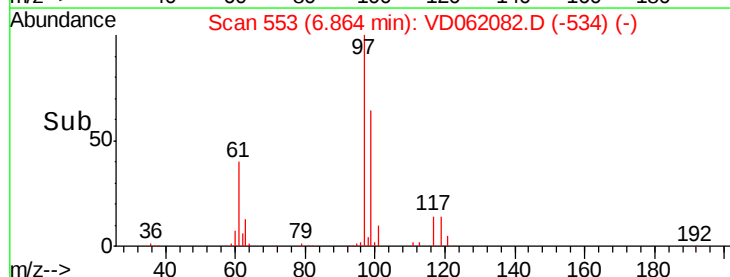
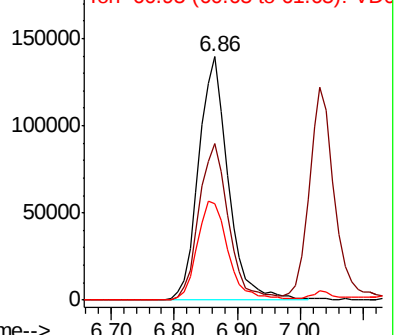
Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.2	78.2
61	39.8	32.4	48.6



Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 98.85 (98.55 to 99.55): VDC

Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.183 ug/l

RT: 7.44 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062082.D

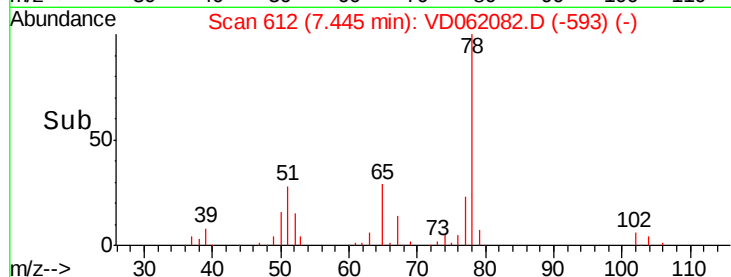
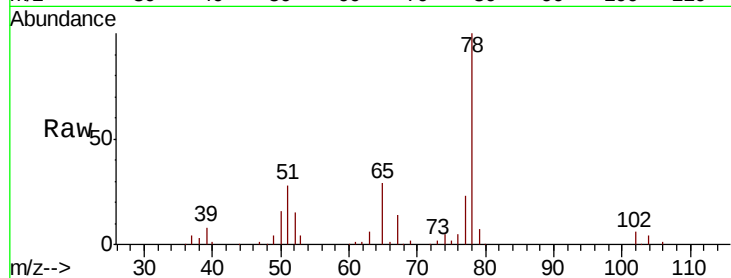
Acq: 30 Apr 2019 12:28

Tot Ion: 65 Resp: 248992

Ion Ratio Lower Upper

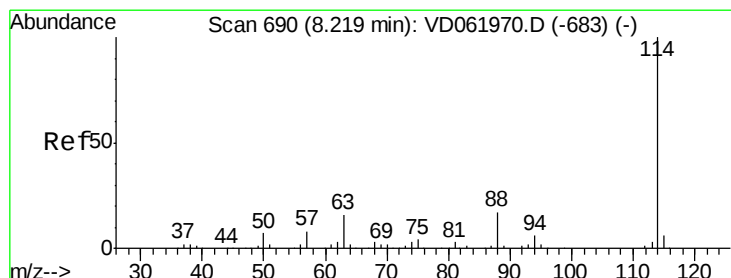
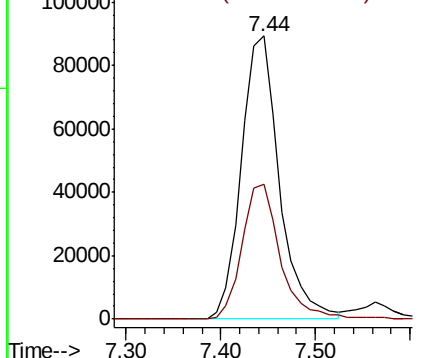
65 100

67 47.7 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# 689

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

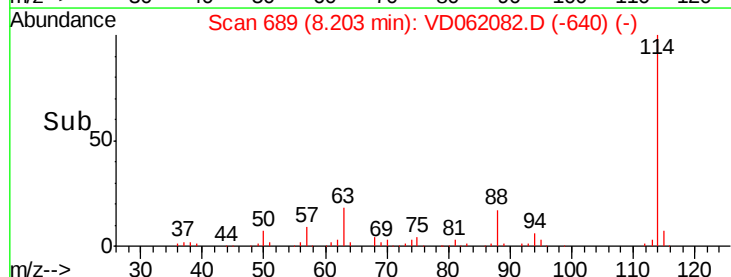
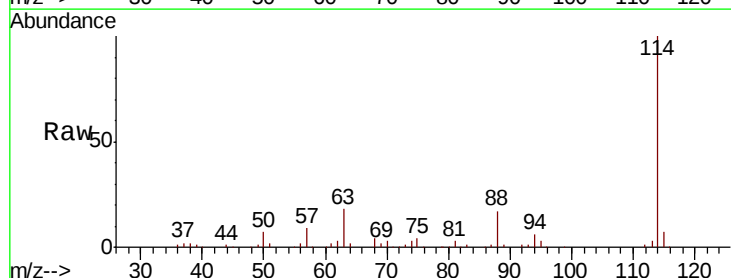
Tgt Ion: 114 Resp: 910476

Ion Ratio Lower Upper

114 100

63 17.9 0.0 32.4

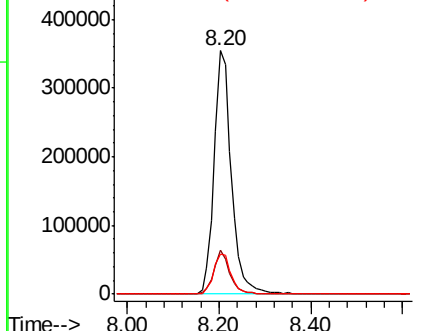
88 16.7 0.0 33.6

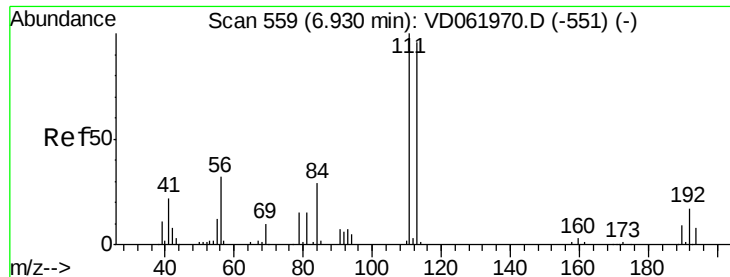


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

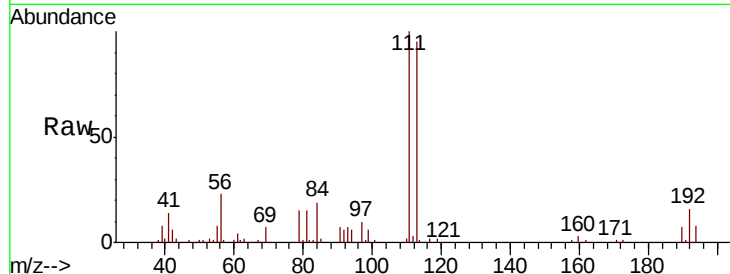
Ion 87.90 (87.60 to 88.60): VDC



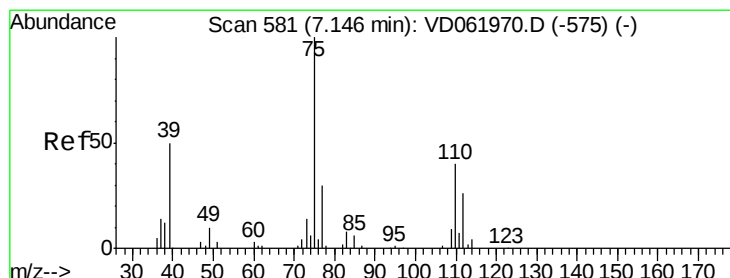
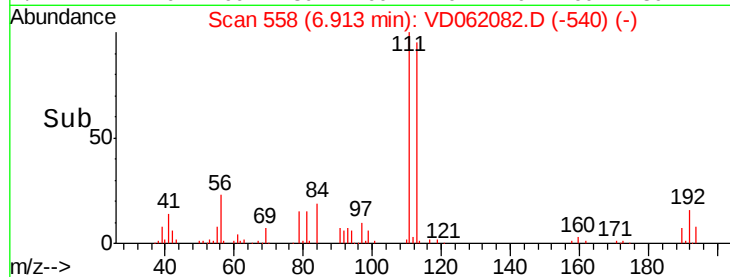
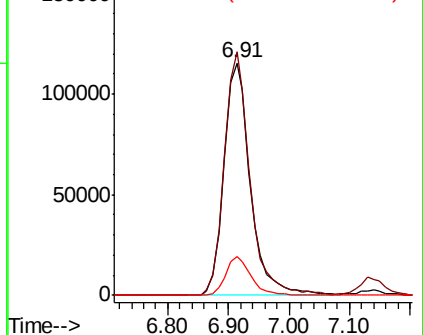


#35
 Dibromofluoromethane
 Concen: 55.555 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	78.5	117.7
192	16.8	13.0	19.4

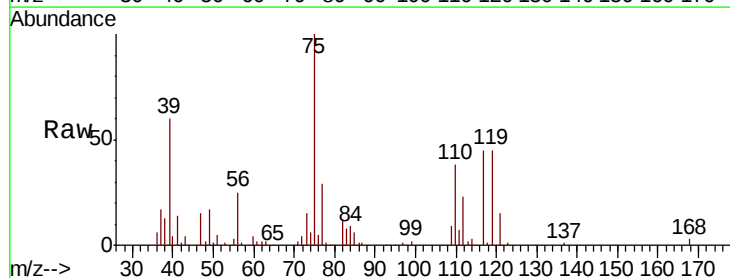


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

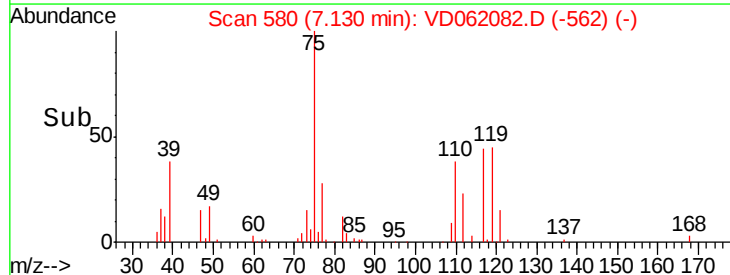
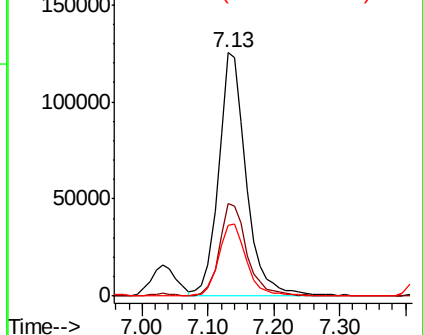


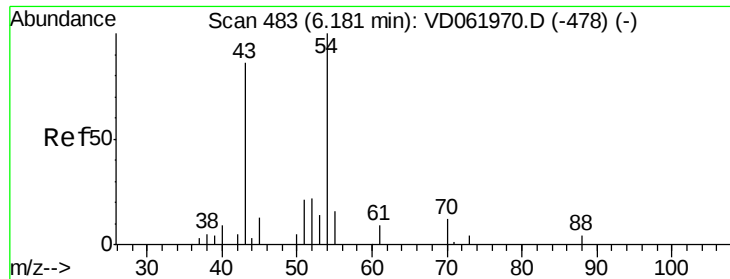
#36
 1,1-Dichloropropene
 Concen: 51.188 ug/l
 RT: 7.13 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.1	57.1
77	29.3	25.6	38.4



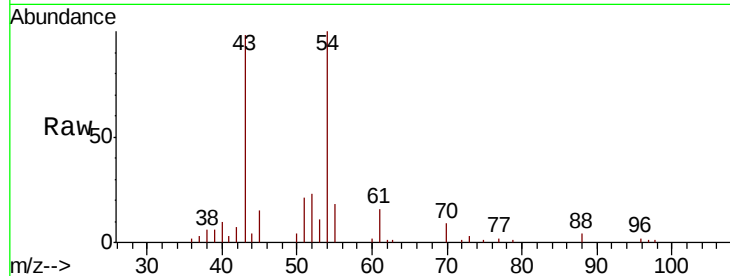
Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC



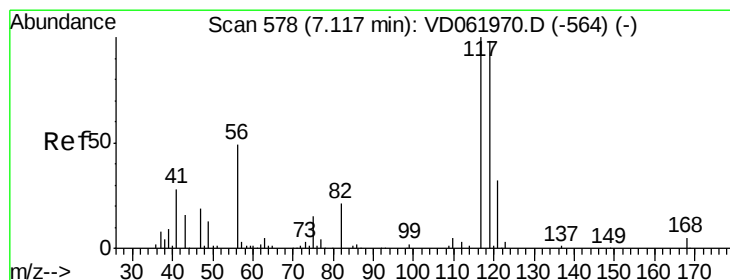
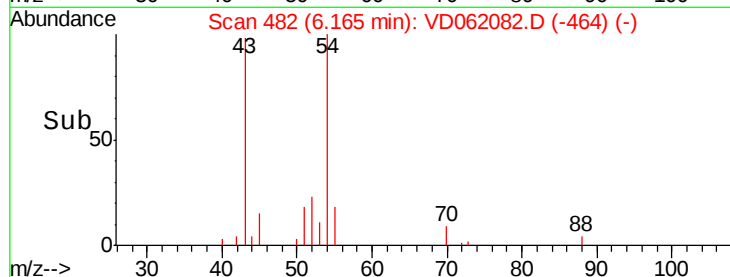
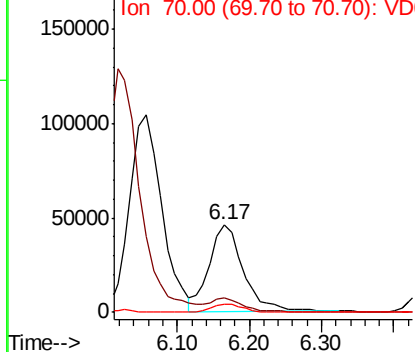


#37
Ethyl Acetate
Concen: 50.138 ug/l
RT: 6.17 min Scan# 482
Delta R.T. -0.02 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tot Ion: 43 Resp: 151557
Ion Ratio Lower Upper
43 100
61 16.5 14.7 22.1
70 9.3 7.8 11.6

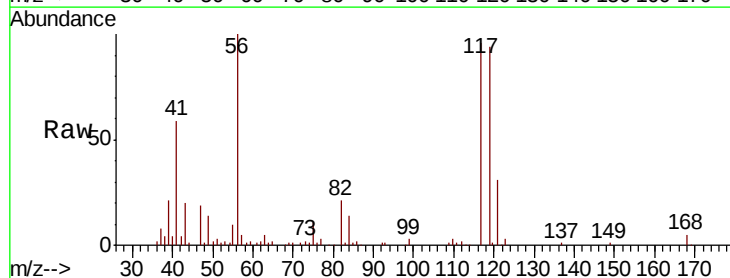


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

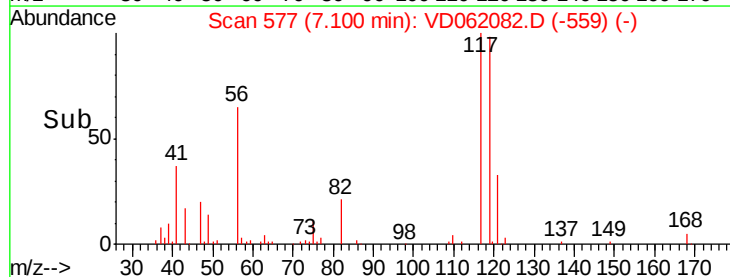
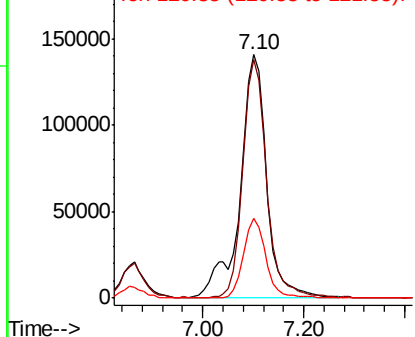


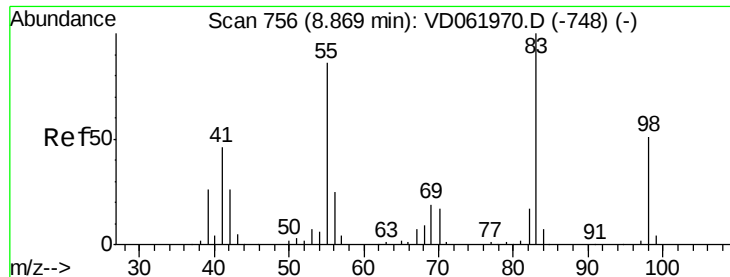
#38
Carbon Tetrachloride
Concen: 57.932 ug/l
RT: 7.10 min Scan# 577
Delta R.T. -0.02 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion: 117 Resp: 520735
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.8
121 32.8 25.9 38.9



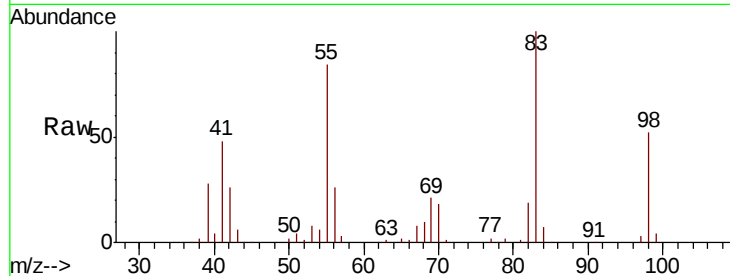
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



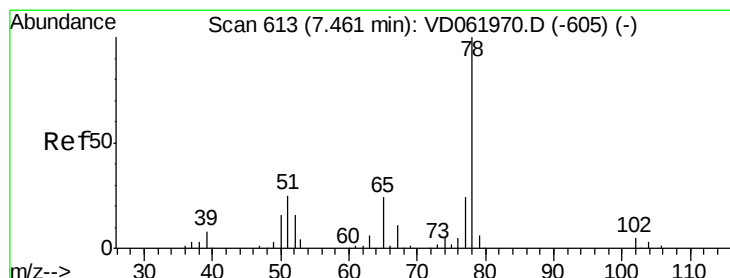
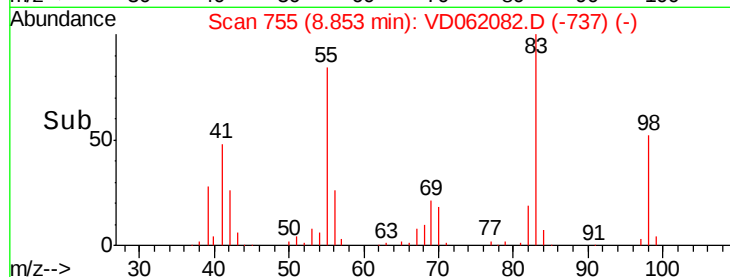
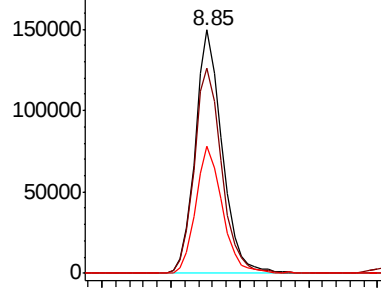


#39
Methvlcvclohexane
Concen: 57.934 ug/l
RT: 8.85 min Scan# 755
Delta R.T. -0.02 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tot Ion: 83 Resp: 405464
Ion Ratio Lower Upper
83 100
55 84.0 68.2 102.4
98 52.2 38.2 57.4

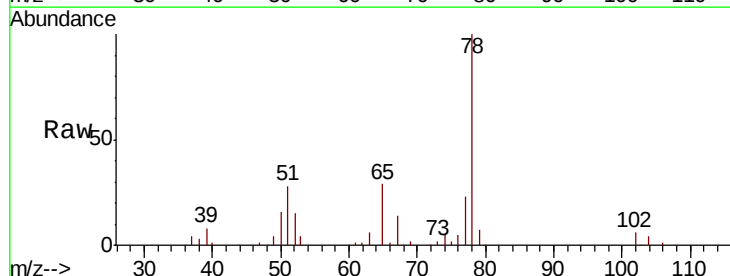


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

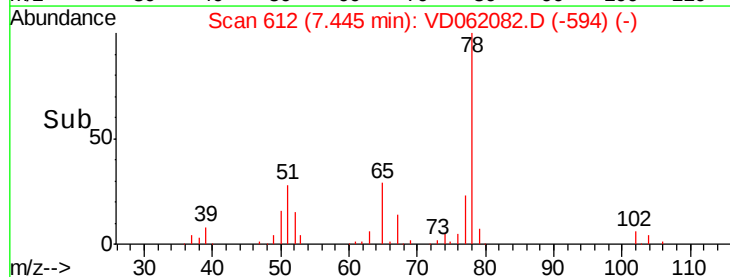
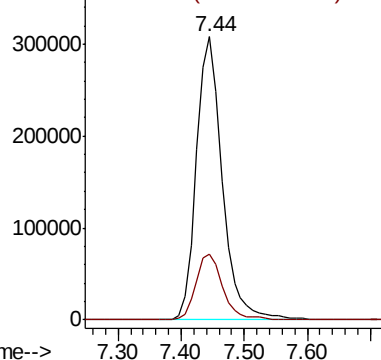


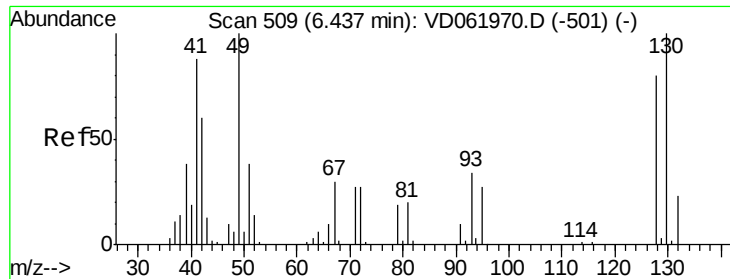
#40
Benzene
Concen: 49.880 ug/l
RT: 7.44 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion: 78 Resp: 875968
Ion Ratio Lower Upper
78 100
77 23.2 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: 50.116 ug/l

RT: 6.44 min Scan# 510

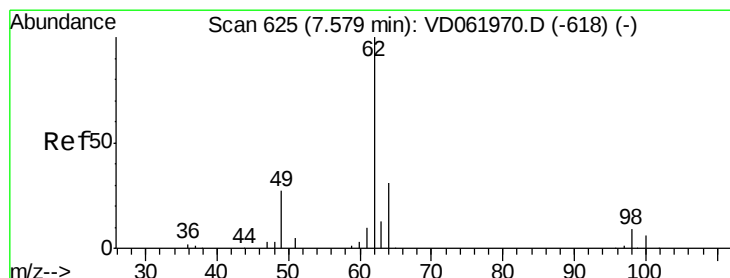
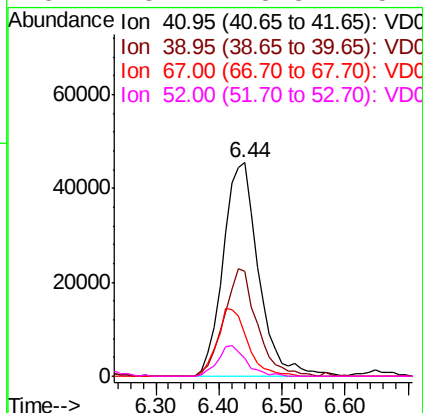
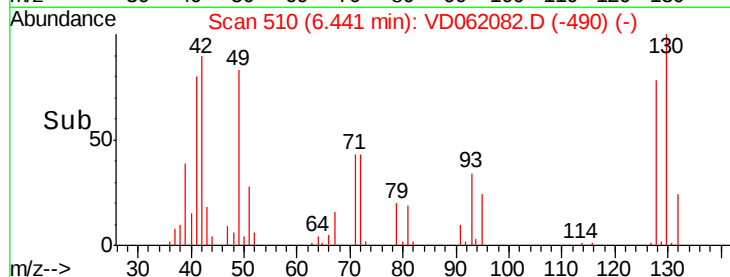
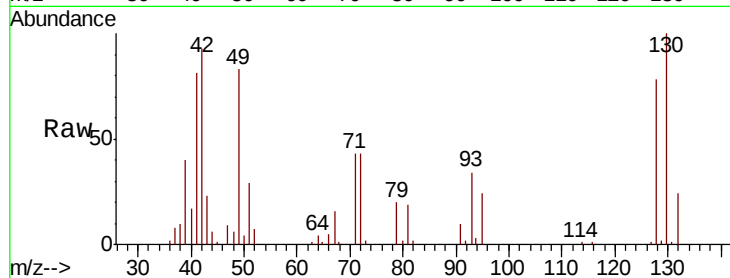
Delta R.T. -0.00 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

Tot Ion: 41 Resp: 176757

Ion	Ratio	Lower	Upper
41	100		
39	49.4	34.1	51.1
67	19.7	23.8	35.6#
52	8.2	8.8	13.2#



#42

1,2-Dichloroethane

Concen: 54.475 ug/l

RT: 7.56 min Scan# 624

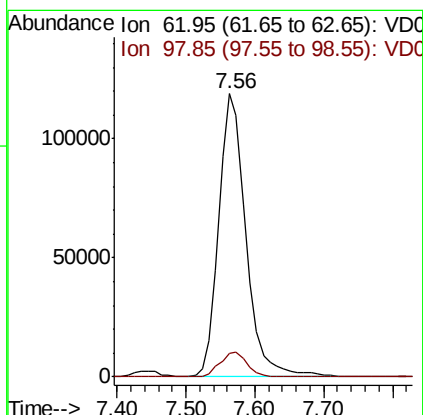
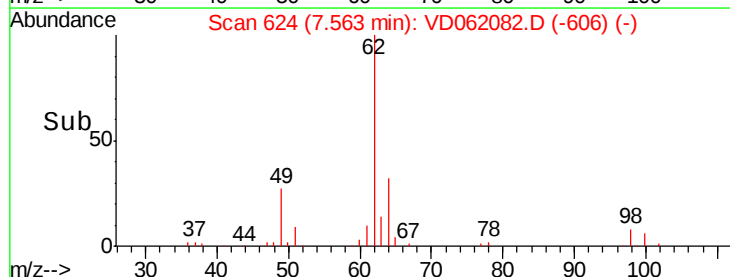
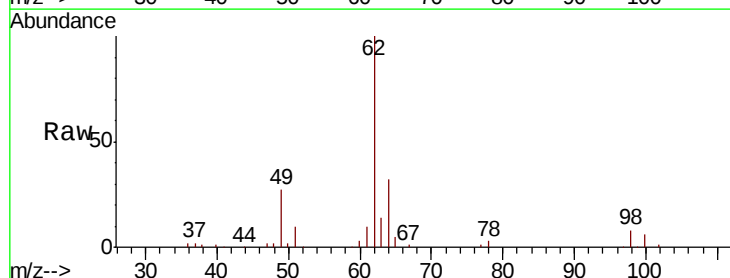
Delta R.T. -0.02 min

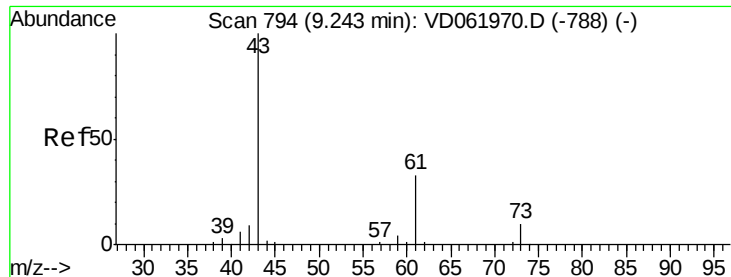
Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

Tgt Ion: 62 Resp: 324817

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.8





#43

Isopropyl Acetate

Concen: 50.038 ug/l

RT: 9.23 min Scan# 793

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

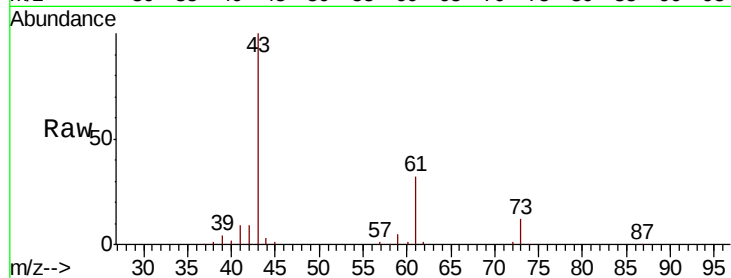
Tot Ion: 43 Resp: 221005

Ion Ratio Lower Upper

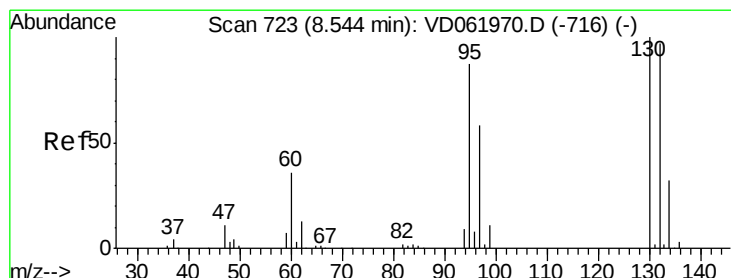
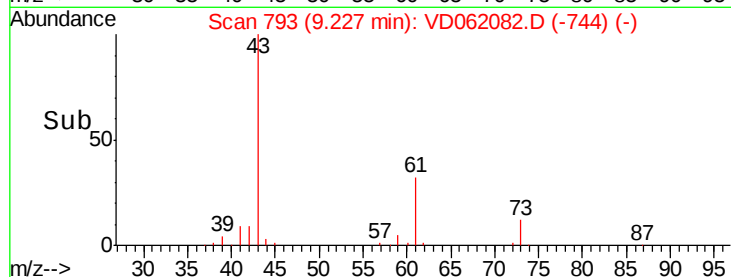
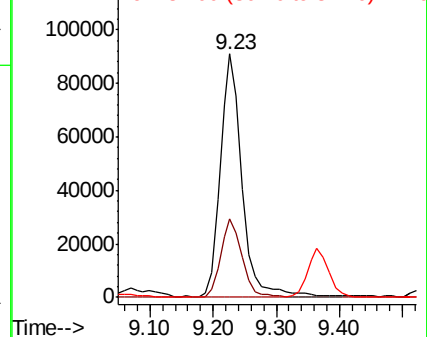
43 100

61 32.1 25.1 37.7

87 0.4 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: 54.095 ug/l

RT: 8.53 min Scan# 722

Delta R.T. -0.02 min

Lab File: VD062082.D

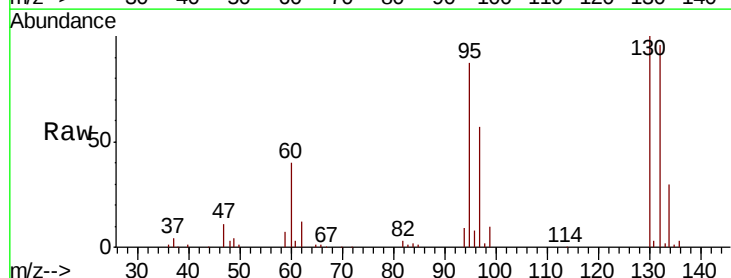
Acq: 30 Apr 2019 12:28

Tgt Ion: 130 Resp: 368293

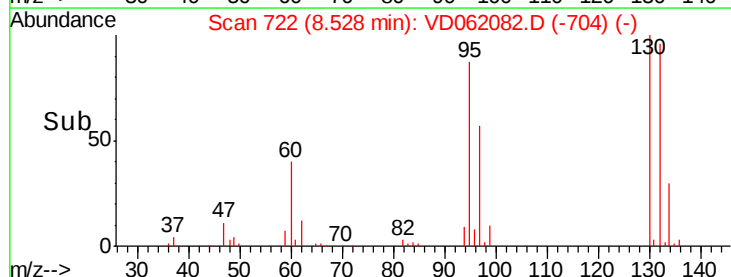
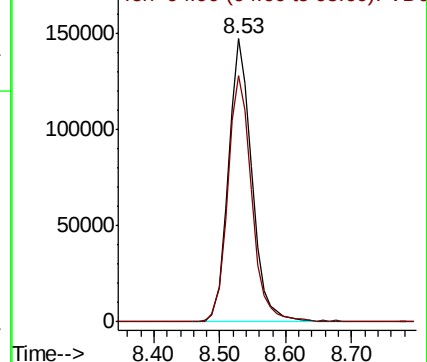
Ion Ratio Lower Upper

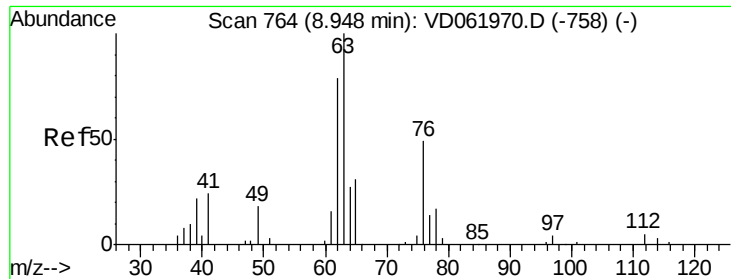
130 100

95 87.0 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: 52.666 ug/l

RT: 8.92 min Scan# 762

Delta R.T. -0.02 min

Lab File: VD062082.D

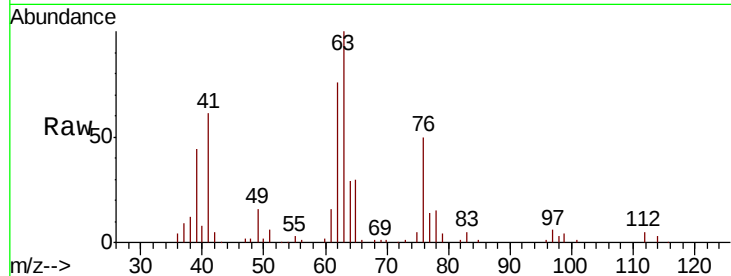
Acq: 30 Apr 2019 12:28

Tot Ion: 63 Resp: 234633

Ion Ratio Lower Upper

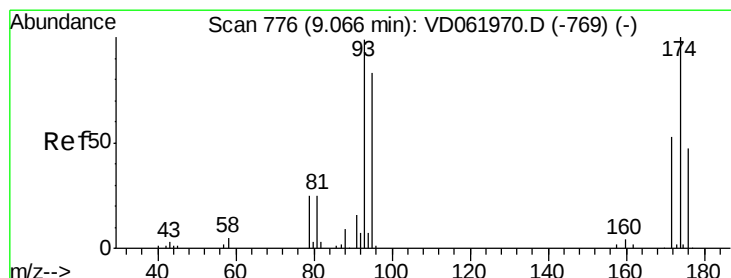
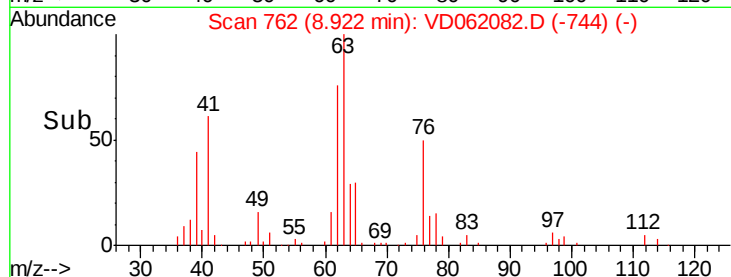
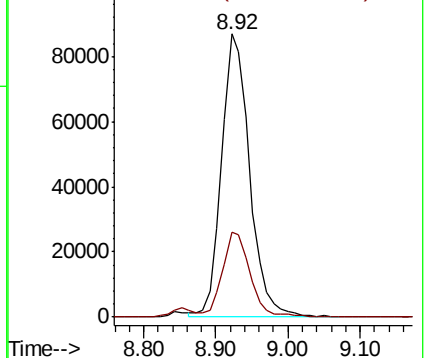
63 100

65 29.9 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 52.189 ug/l

RT: 9.05 min Scan# 775

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

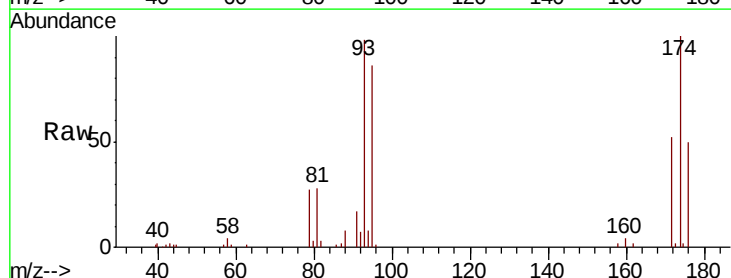
Tgt Ion: 93 Resp: 167304

Ion Ratio Lower Upper

93 100

95 88.3 64.8 97.2

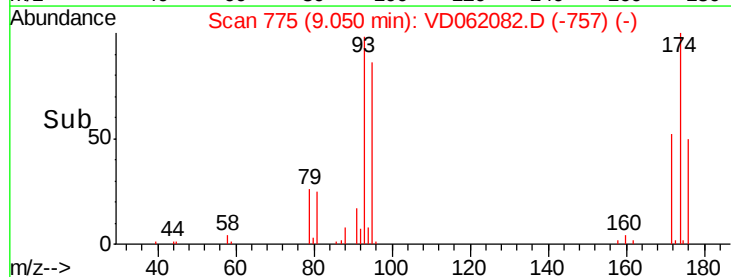
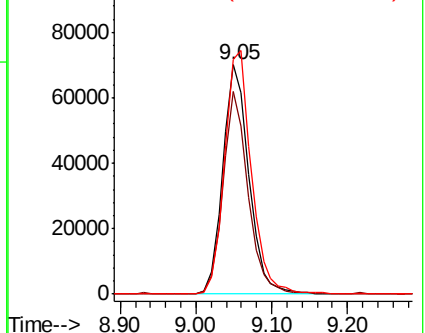
174 102.3 79.3 118.9



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 53.086 ug/l

RT: 9.36 min Scan# 807

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

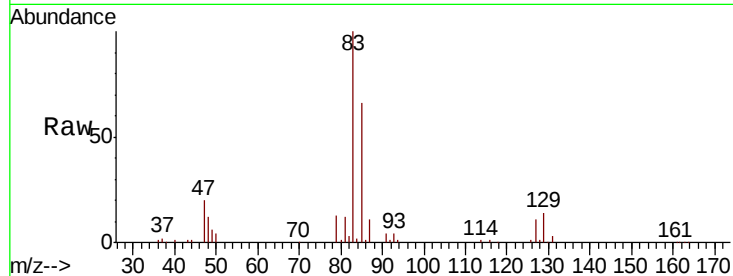
Tot Ion: 83 Resp: 402106

Ion Ratio Lower Upper

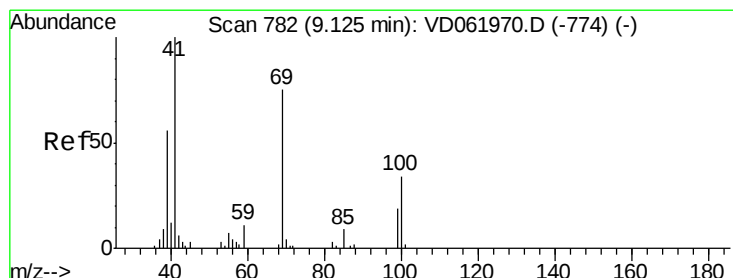
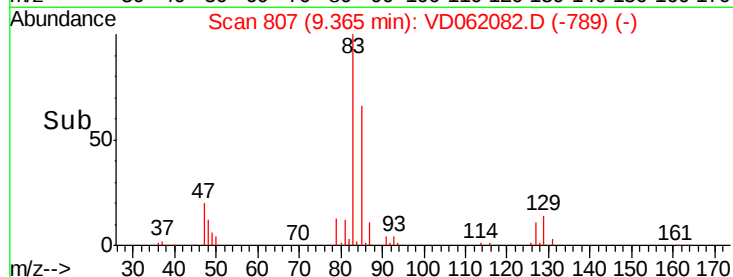
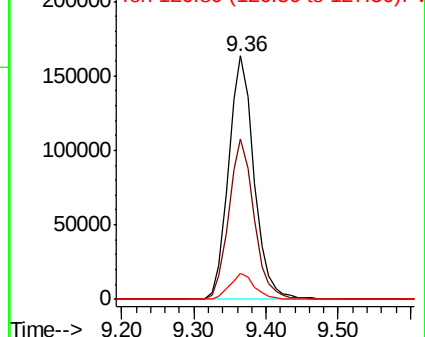
83 100

85 65.7 50.9 76.3

127 10.6 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: 47.881 ug/l

RT: 9.11 min Scan# 781

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

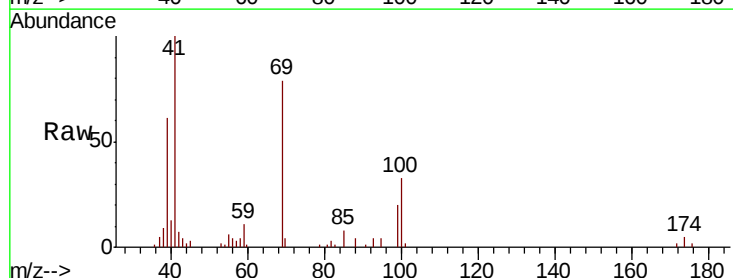
Tgt Ion: 41 Resp: 120661

Ion Ratio Lower Upper

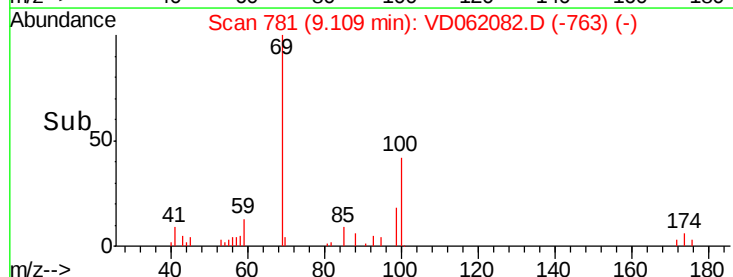
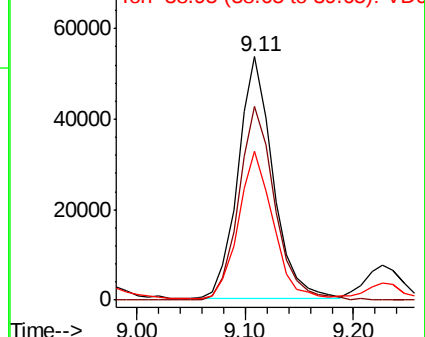
41 100

69 79.4 64.2 96.2

39 61.3 46.8 70.2



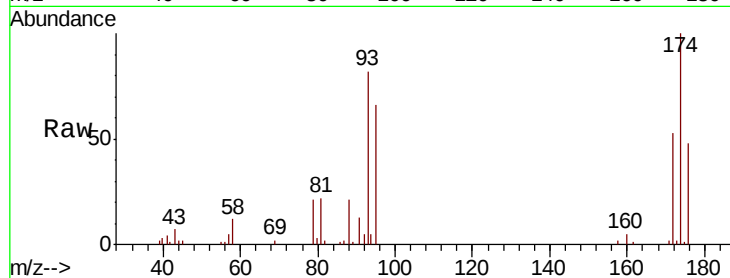
Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC



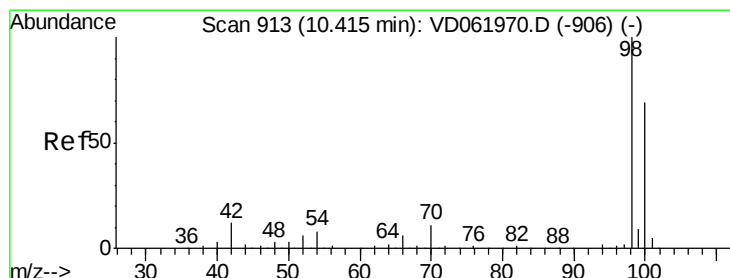
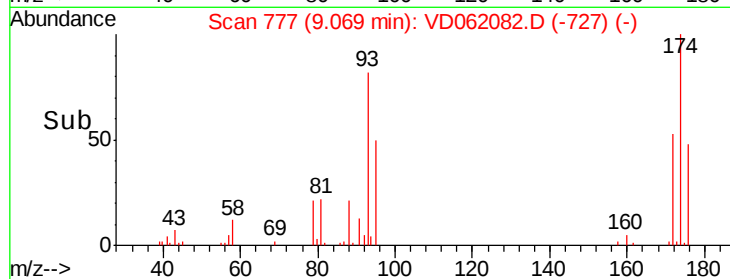
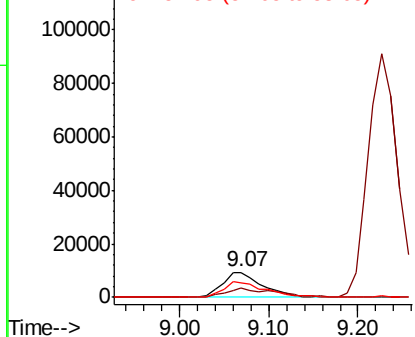


#49
1,4-Dioxane
Concen: 1073.658 ug/l
RT: 9.07 min Scan# 777
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tot Ion: 88 Resp: 29170
Ion Ratio Lower Upper
88 100
43 36.1 23.4 35.0#
58 57.9 44.0 66.0

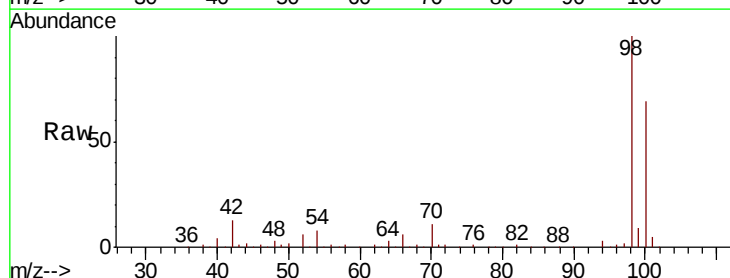


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

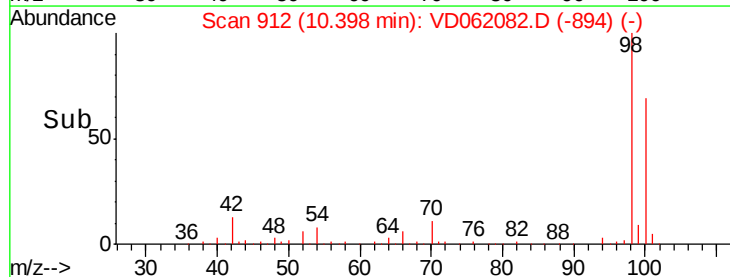
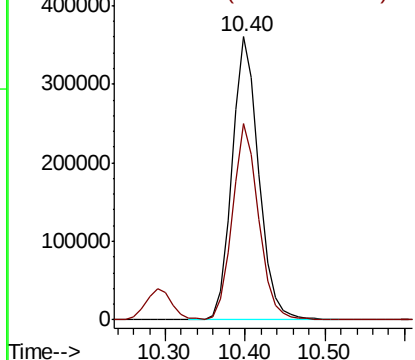


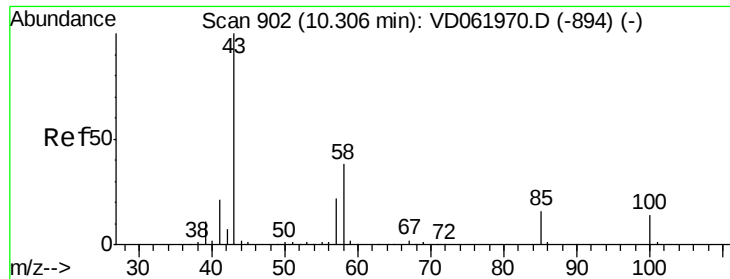
#50
Toluene-d8
Concen: 56.088 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion: 98 Resp: 840388
Ion Ratio Lower Upper
98 100
100 69.2 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: 270.818 ug/l

RT: 10.29 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD062082.D

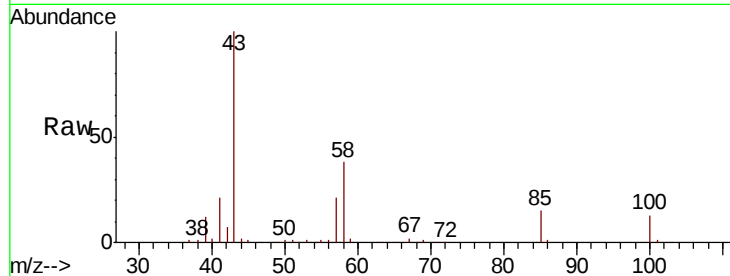
Acq: 30 Apr 2019 12:28

Tot Ion: 43 Resp: 731511

Ion Ratio Lower Upper

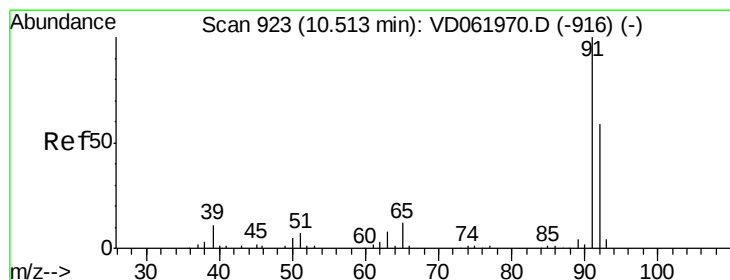
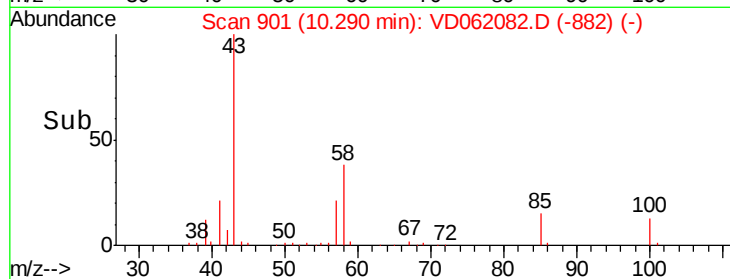
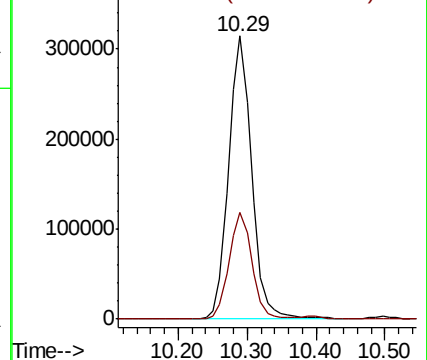
43 100

58 37.7 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: 52.496 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.02 min

Lab File: VD062082.D

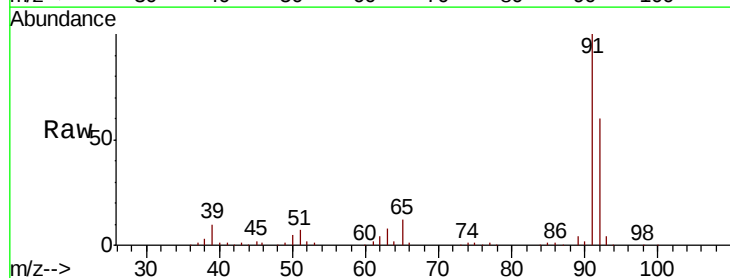
Acq: 30 Apr 2019 12:28

Tgt Ion: 92 Resp: 587814

Ion Ratio Lower Upper

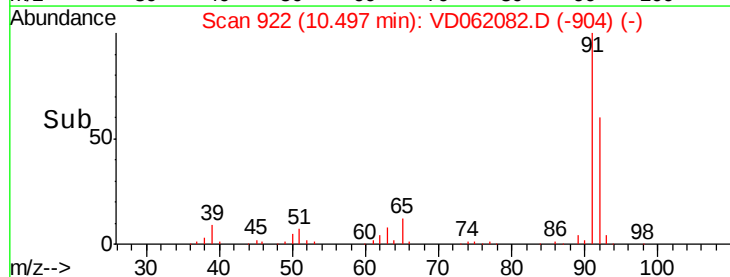
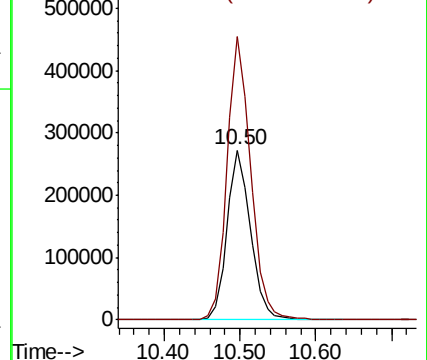
92 100

91 166.6 136.6 204.8



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: 58.898 ug/l

RT: 10.90 min Scan# 963

Delta R.T. -0.02 min

Lab File: VD062082.D

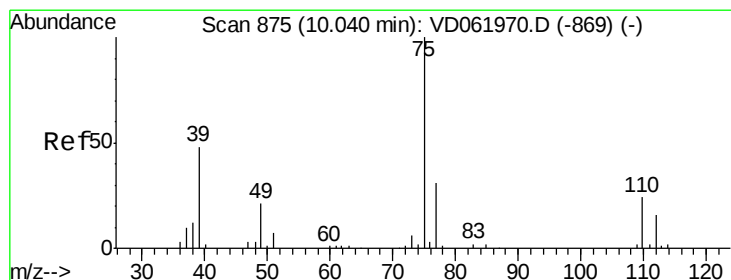
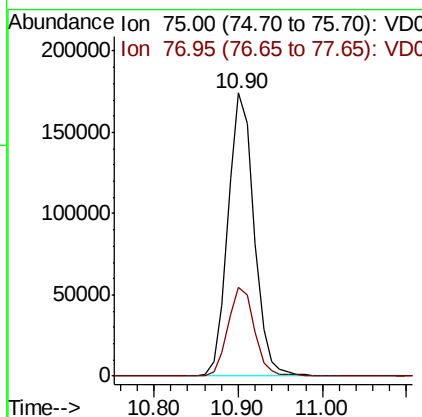
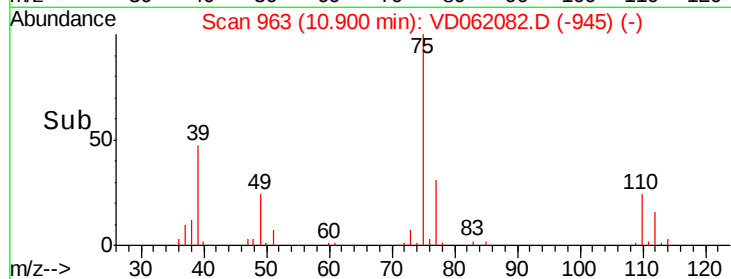
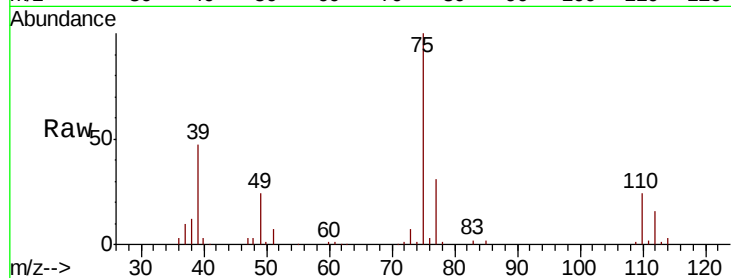
Acq: 30 Apr 2019 12:28

Tot Ion: 75 Resp: 374473

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 57.447 ug/l

RT: 10.02 min Scan# 874

Delta R.T. -0.02 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

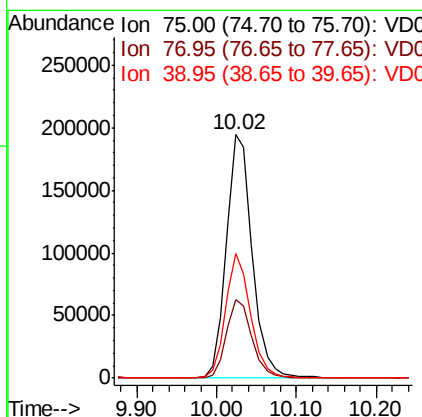
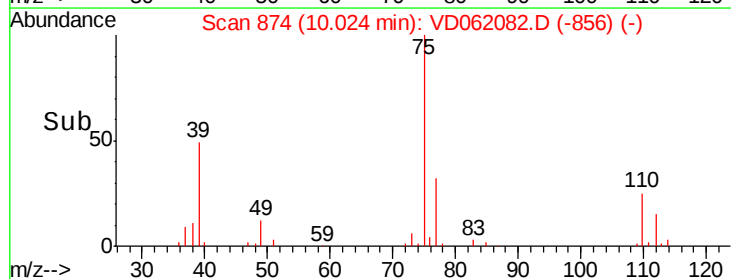
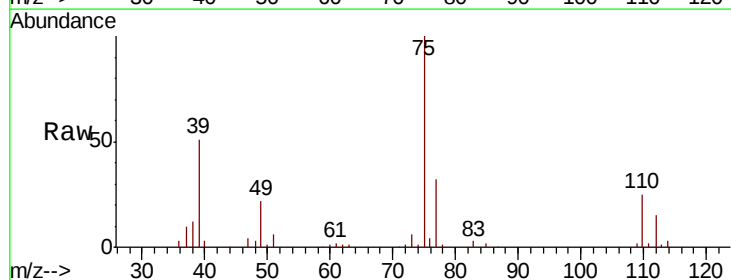
Tgt Ion: 75 Resp: 444233

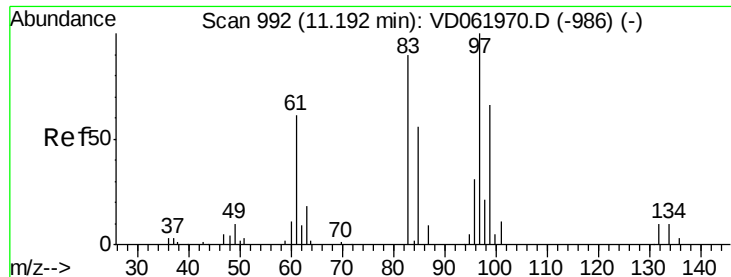
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

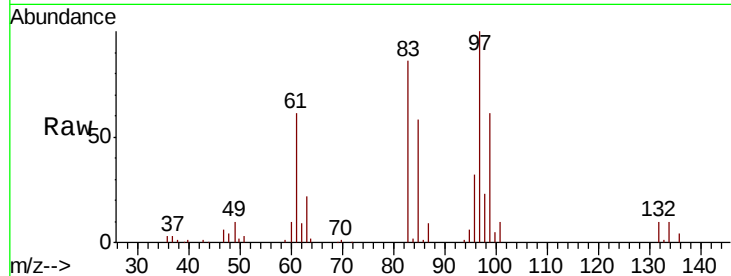
39 51.1 39.4 59.2



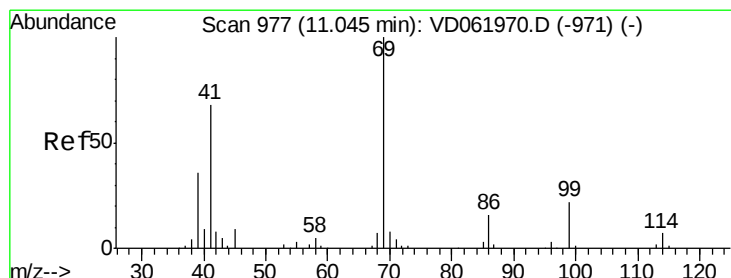
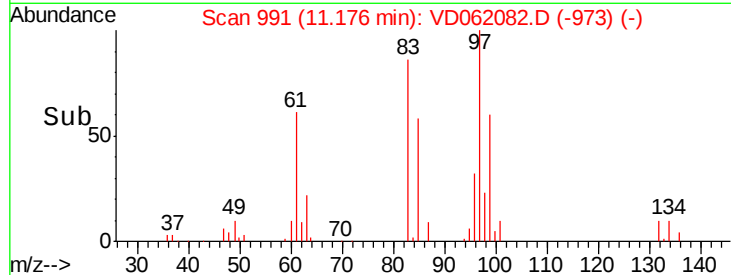
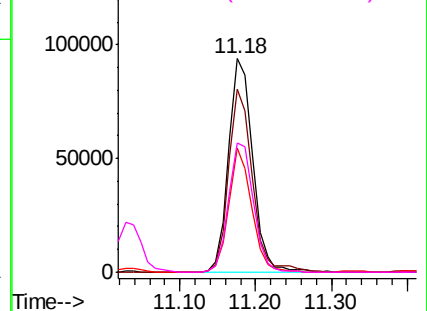


#55
 1,1,2-Trichloroethane
 Concen: 55.203 ug/l
 RT: 11.18 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tot Ion:	97	Resp:	207519
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.7	98.5
85	58.0	45.6	68.4
99	60.7	48.4	72.6

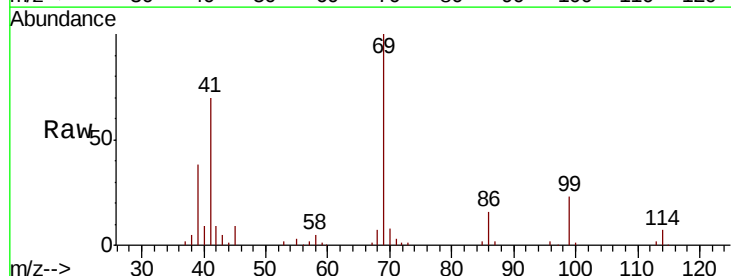


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

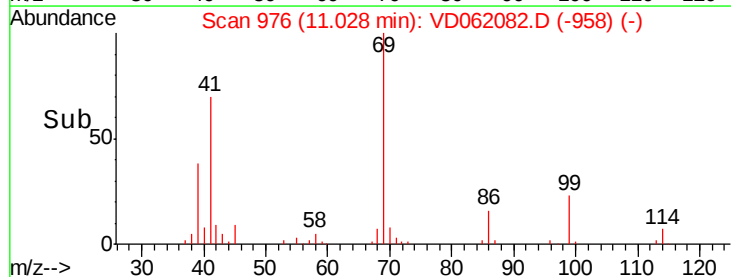
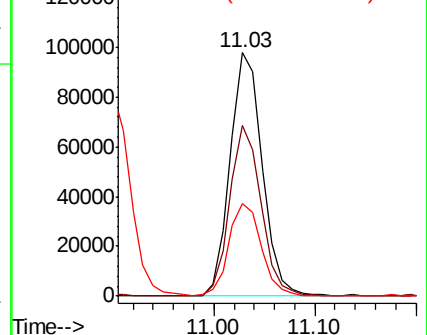


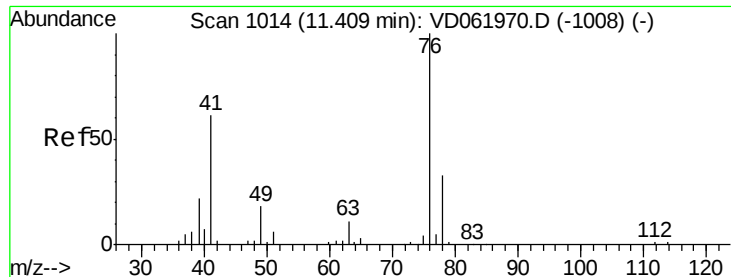
#56
 Ethyl methacrylate
 Concen: 52.133 ug/l
 RT: 11.03 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tgt Ion:	69	Resp:	217056
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.3	84.5
39	38.1	29.4	44.2



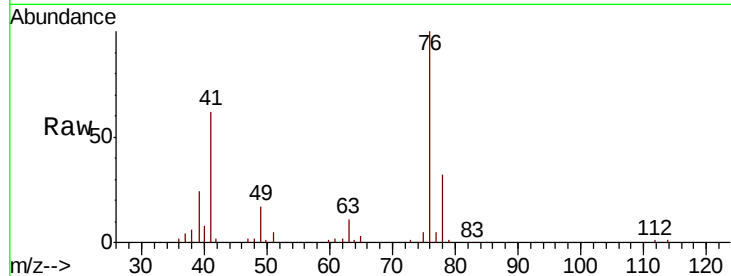
Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC



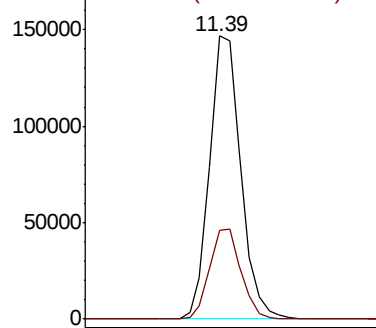


#57
 1,3-Dichloropropane
 Concen: 54.407 ug/l
 RT: 11.39 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

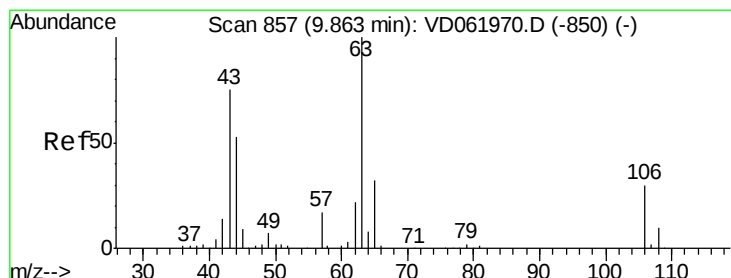
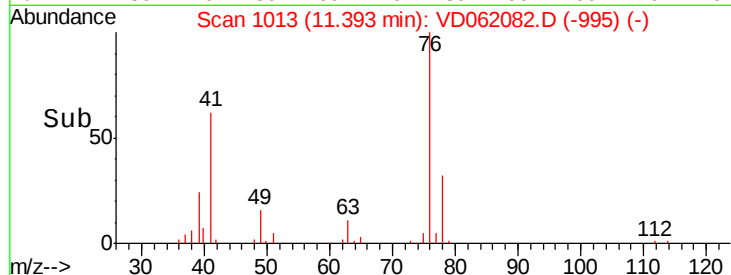
Tot Ion: 76 Resp: 315888
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.2 39.2



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

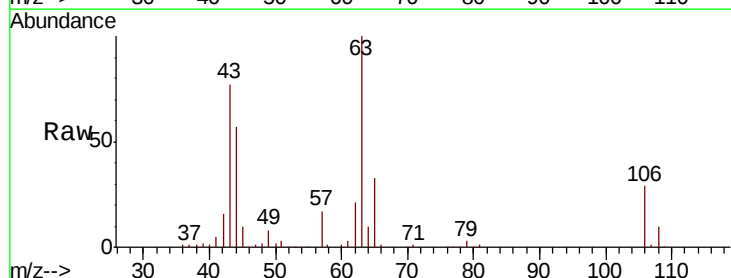


Time-->

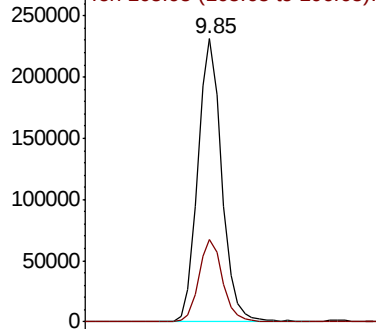


#58
 2-Chloroethyl Vinyl ether
 Concen: 275.319 ug/l
 RT: 9.85 min Scan# 856
 Delta R.T. -0.02 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

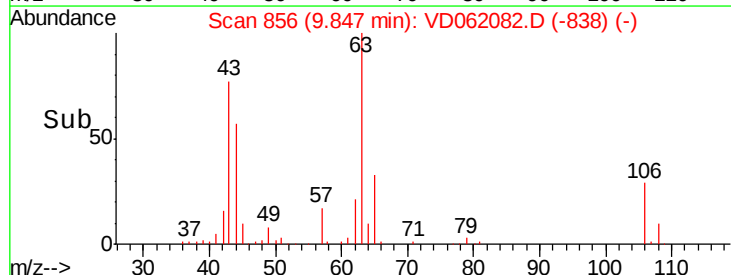
Tgt Ion: 63 Resp: 532937
 Ion Ratio Lower Upper
 63 100
 106 29.2 22.6 34.0



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



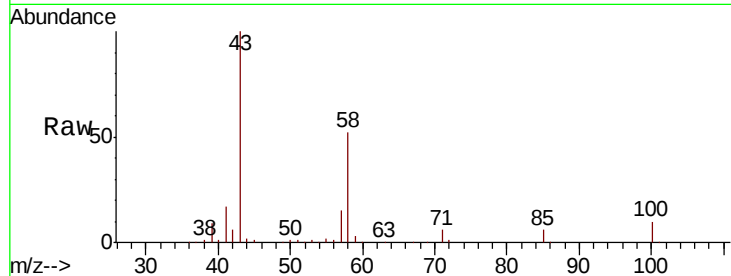
Time-->



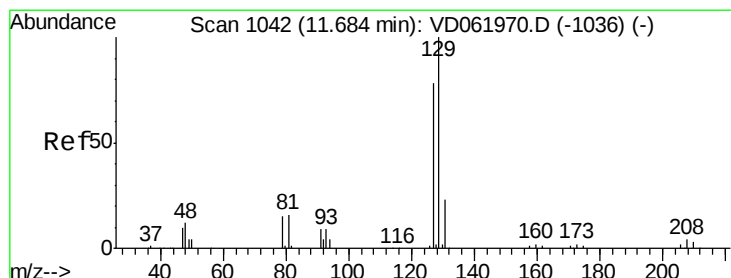
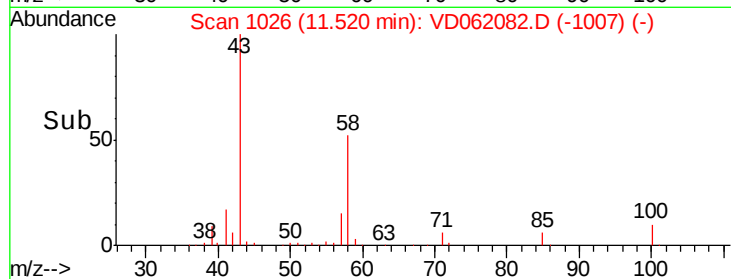
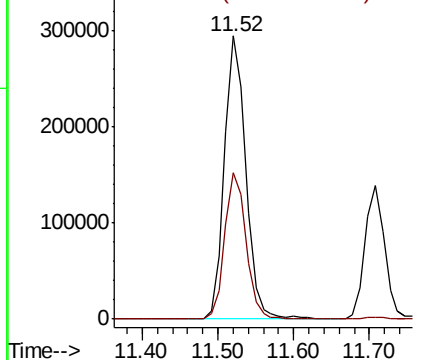


#59
2-Hexanone
Concen: 285.120 ug/l
RT: 11.52 min Scan# 1026
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tot Ion: 43 Resp: 577716
Ion Ratio Lower Upper
43 100
58 51.6 25.4 76.4

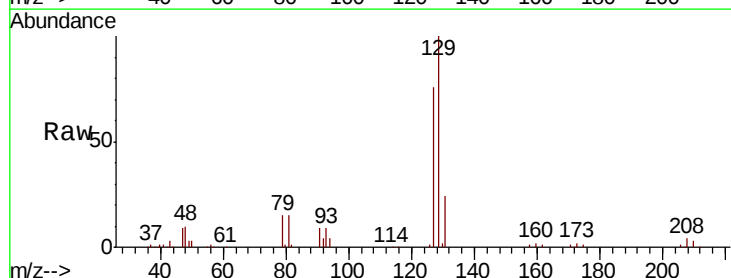


Abundance Ion 42.95 (42.65 to 43.65): VD061970.D (-1020) (-)
Ion 57.95 (57.65 to 58.65): VD061970.D (-1020) (-)

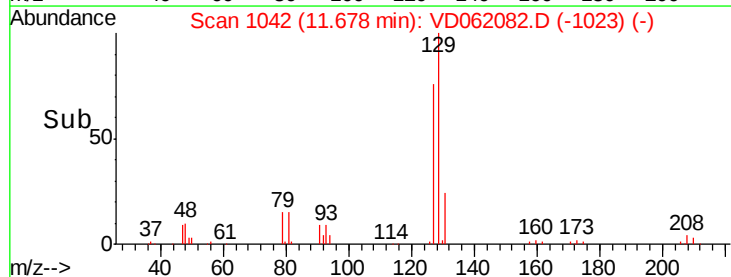
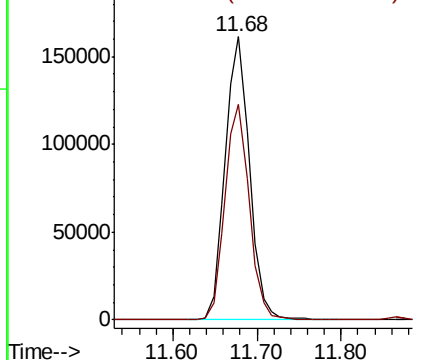


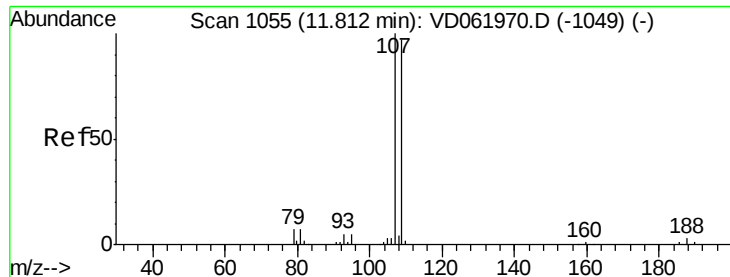
#60
Dibromochloromethane
Concen: 52.170 ug/l
RT: 11.68 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion: 129 Resp: 324500
Ion Ratio Lower Upper
129 100
127 76.2 38.0 113.9



Abundance Ion 128.80 (128.50 to 129.50): VD061970.D (-1036) (-)
Ion 126.80 (126.50 to 127.50): VD061970.D (-1036) (-)





#61

1,2-Dibromoethane

Concen: 53.852 ug/l

RT: 11.80 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VD062082.D

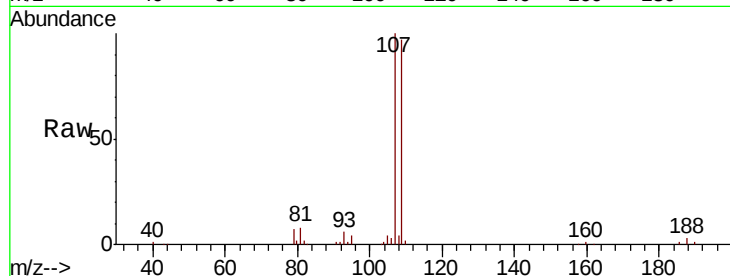
Acq: 30 Apr 2019 12:28

Tot Ion: 107 Resp: 240144

Ion Ratio Lower Upper

107 100

109 97.3 78.3 117.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

11.80

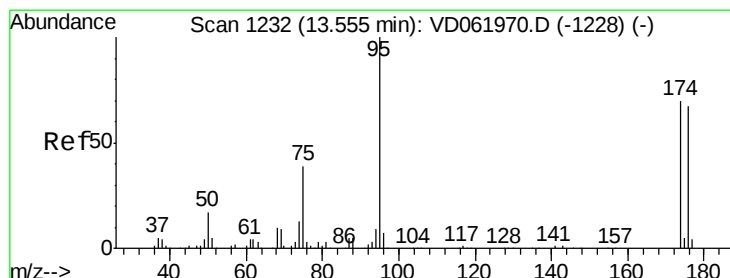
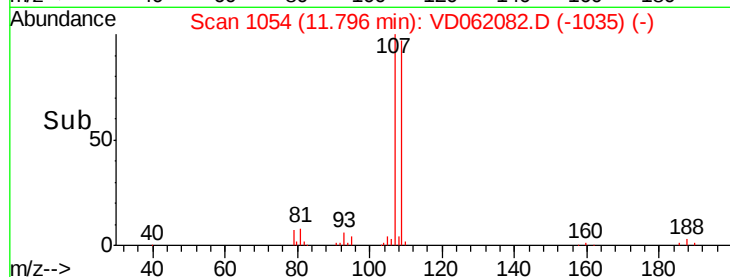
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 58.223 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

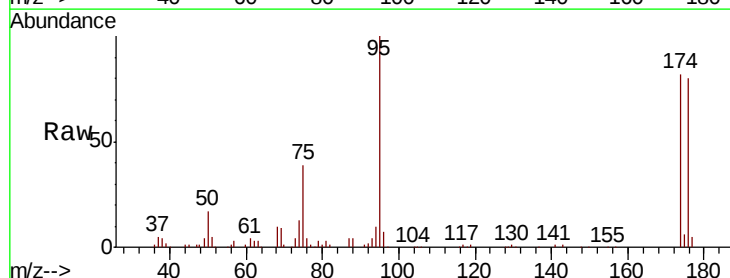
Tgt Ion: 95 Resp: 349904

Ion Ratio Lower Upper

95 100

174 82.3 0.0 181.8

176 80.3 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

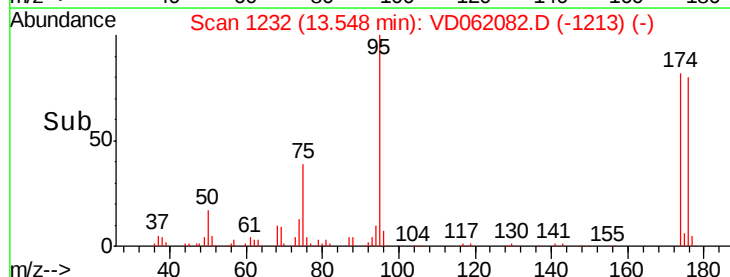
300000

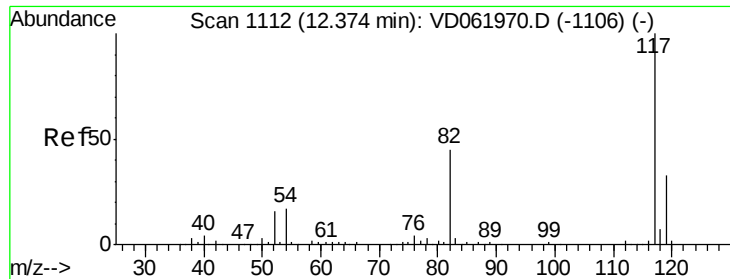
200000

100000

0

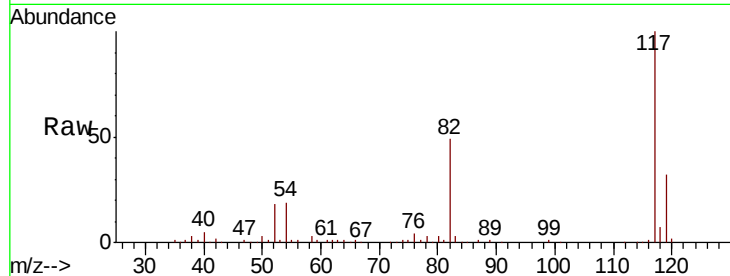
Time-->



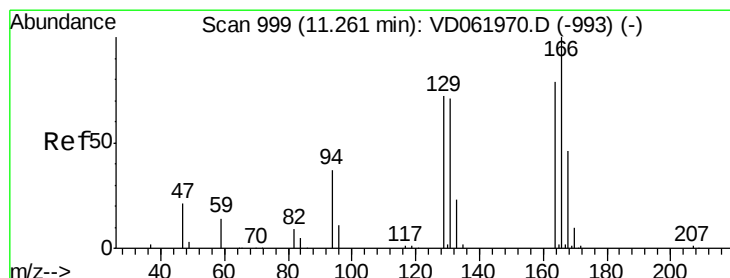
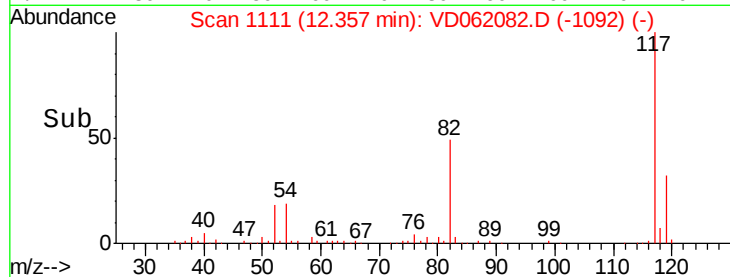
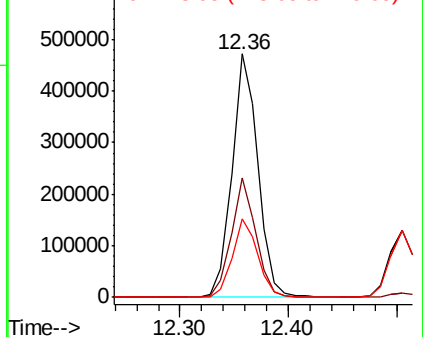


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tot Ion:117 Resp: 782750
Ion Ratio Lower Upper
117 100
82 48.9 36.2 54.2
119 32.4 26.2 39.4

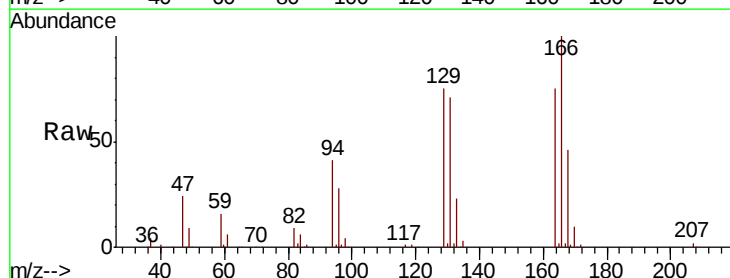


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

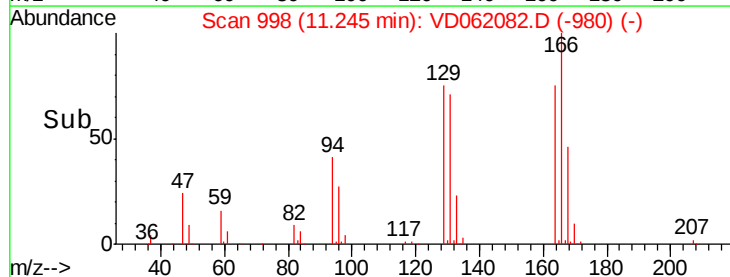
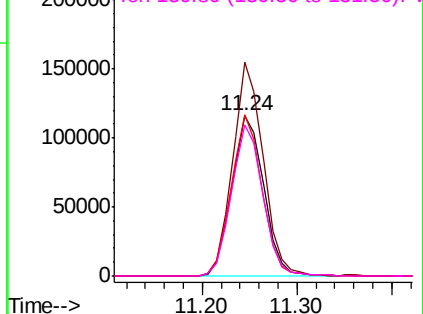


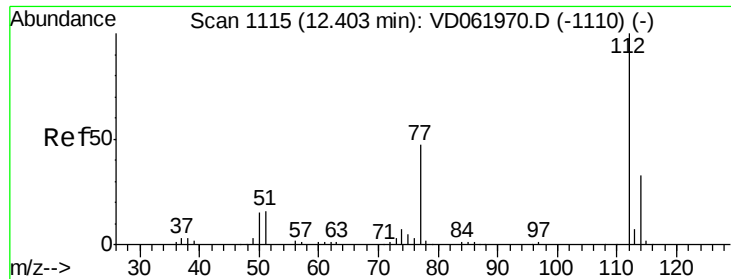
#64
Tetrachloroethene
Concen: 48.627 ug/l
RT: 11.24 min Scan# 998
Delta R.T. -0.02 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion:164 Resp: 271524
Ion Ratio Lower Upper
164 100
166 133.2 101.5 152.3
129 100.4 74.6 112.0
131 94.5 72.6 108.8



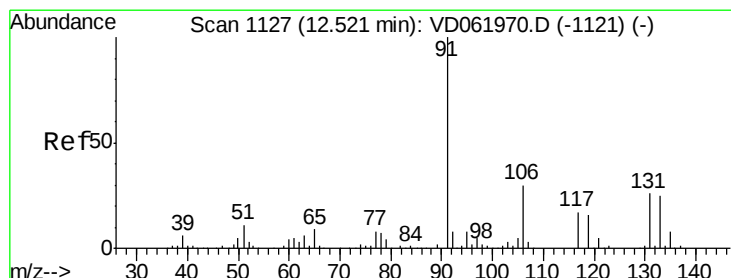
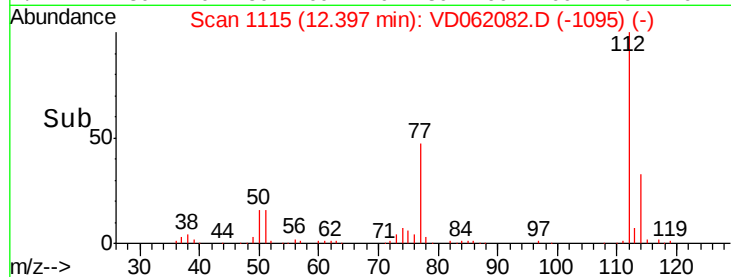
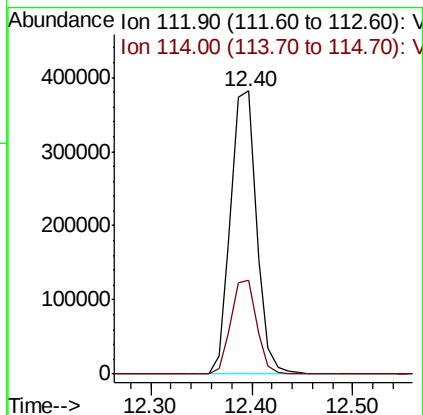
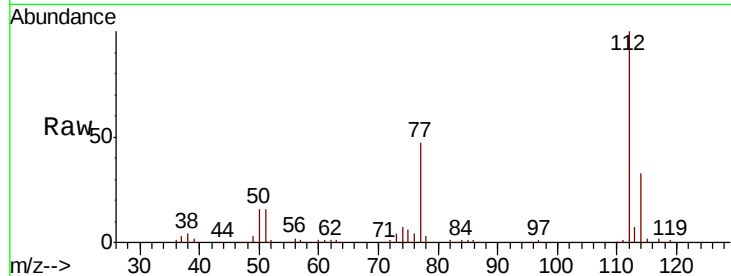
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





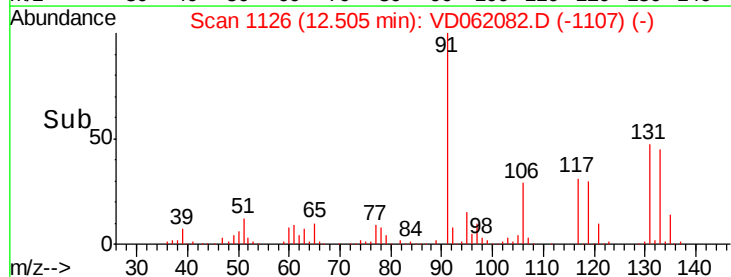
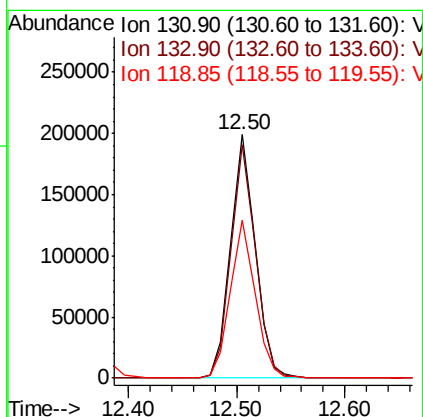
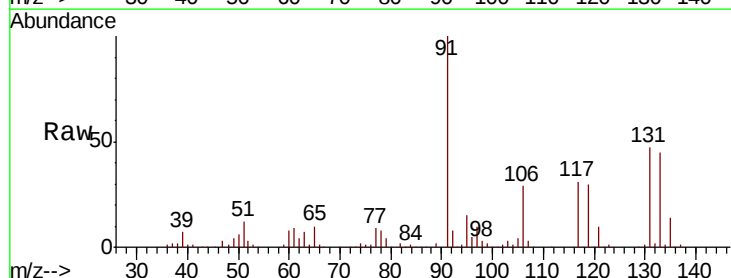
#65
Chlorobenzene
Concen: 46.498 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. -0.00 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tot Ion:112 Resp: 687759
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.959 ug/l
RT: 12.50 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

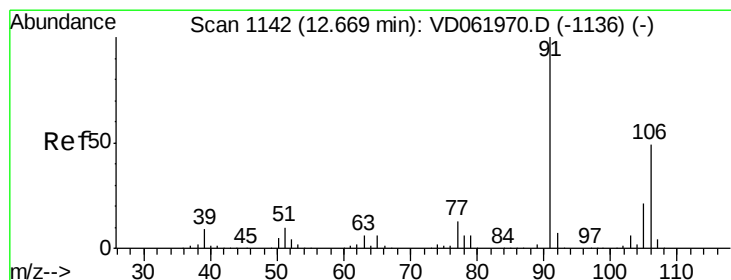
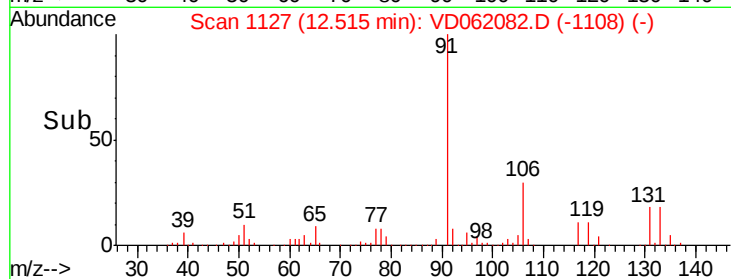
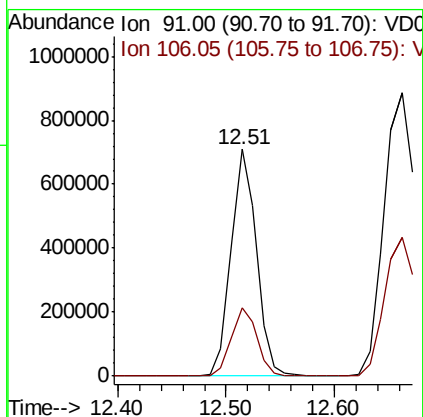
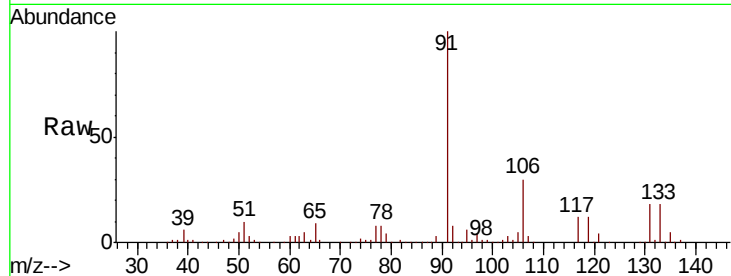
Tgt Ion:131 Resp: 319722
Ion Ratio Lower Upper
131 100
133 95.8 48.6 145.8
119 65.0 34.7 104.1





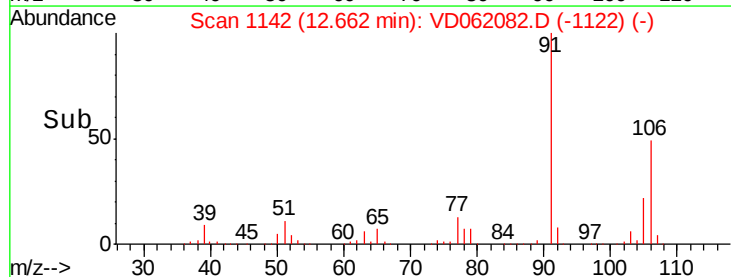
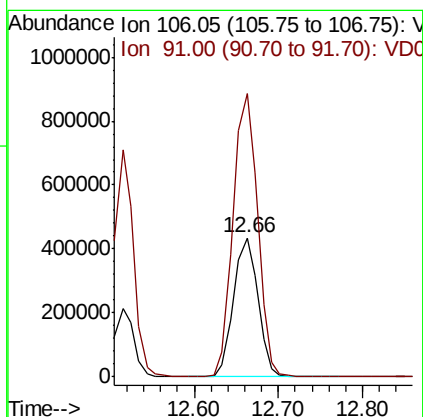
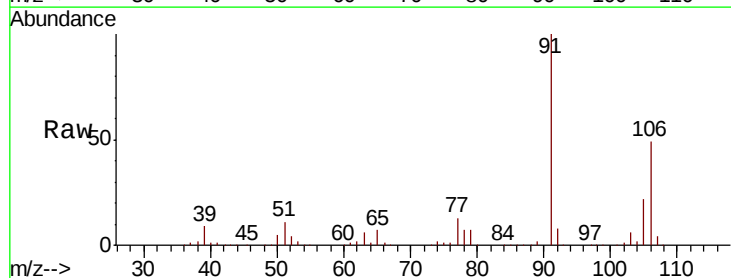
#67
Ethyl Benzene
Concen: 48.141 ug/l
RT: 12.51 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tot Ion: 91 Resp: 1162217
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 100.811 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

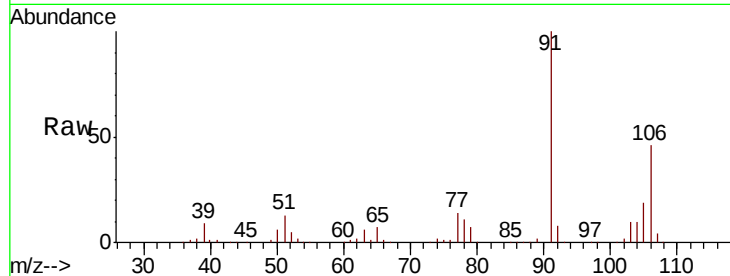
Tgt Ion: 106 Resp: 879628
Ion Ratio Lower Upper
106 100
91 203.7 164.0 246.0



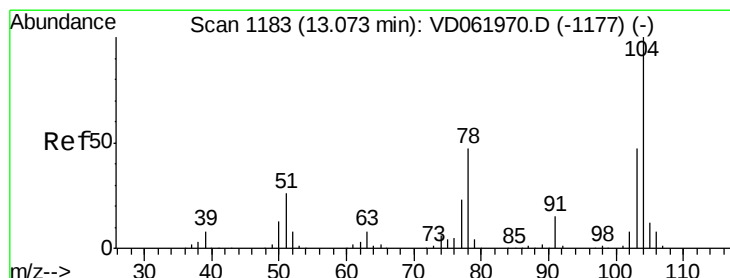
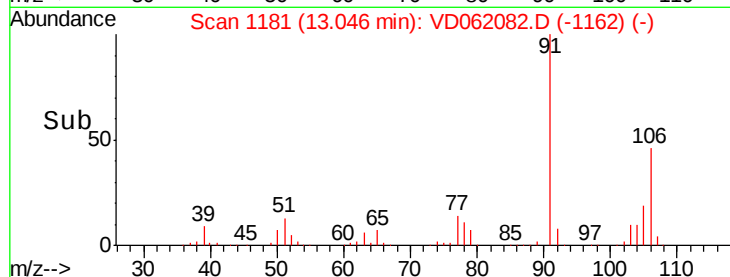
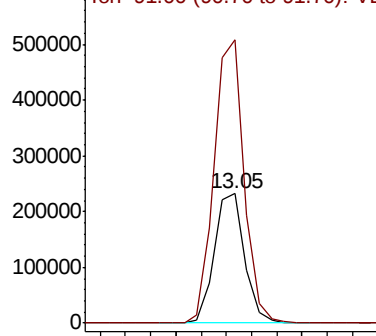


#69
o-Xylene
Concen: 48.428 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tot Ion:106 Resp: 386634
Ion Ratio Lower Upper
106 100
91 218.6 106.7 319.9

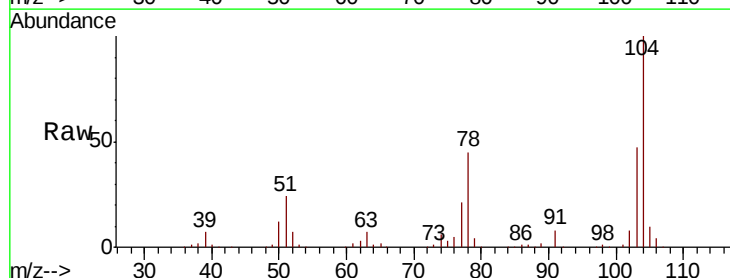


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

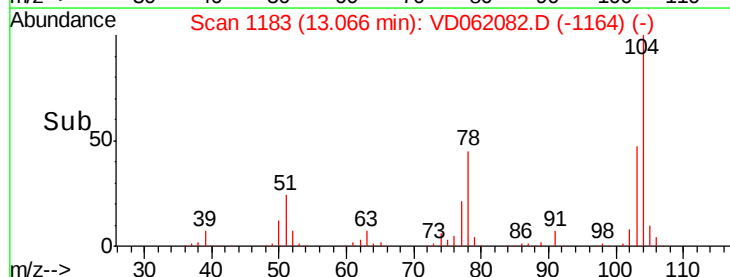
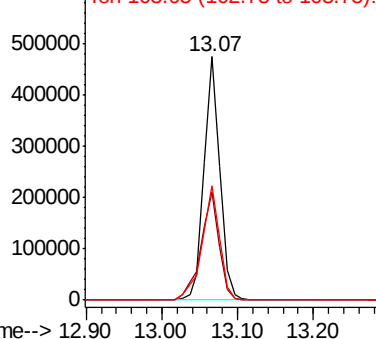


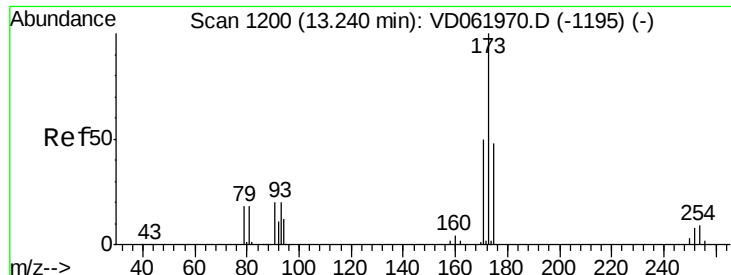
#70
Styrene
Concen: 49.075 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion:104 Resp: 676511
Ion Ratio Lower Upper
104 100
78 44.5 35.4 53.2
103 47.1 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: 52.888 ug/l

RT: 13.22 min Scan# 1199

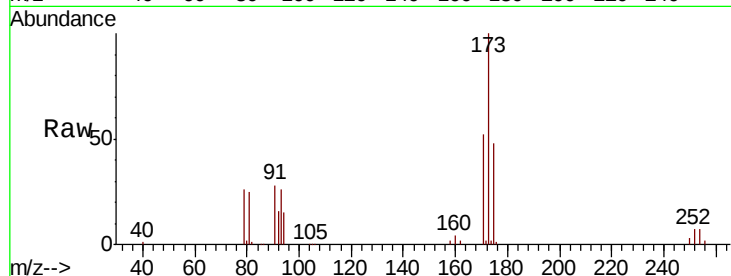
Delta R.T. -0.01 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

Tot Ion:173 Resp: 189176

Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.4	73.4
254	7.1	5.4	8.2

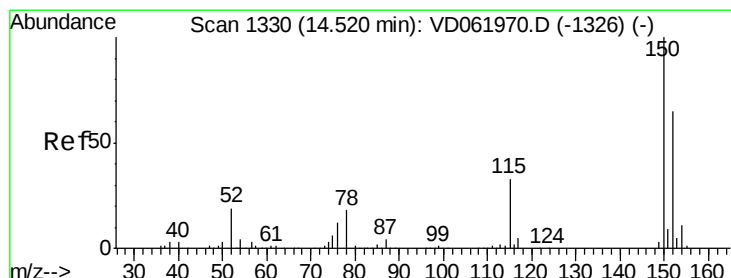
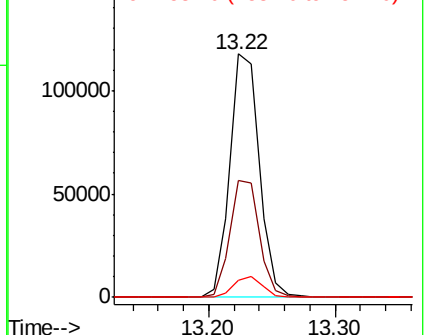
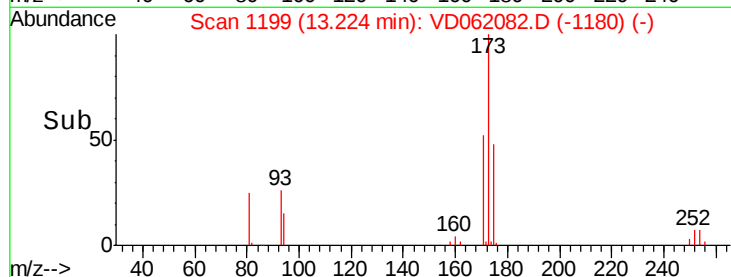


Abundance

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# 1330

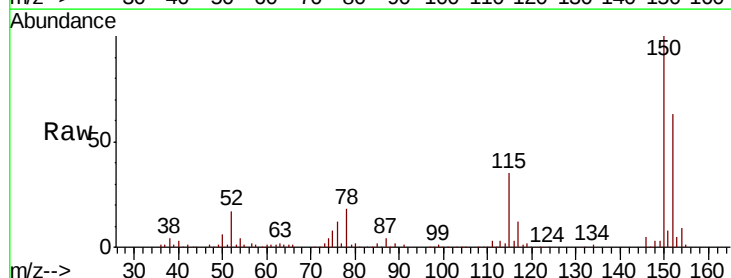
Delta R.T. -0.01 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

Tgt Ion:152 Resp: 376392

Ion	Ratio	Lower	Upper
152	100		
115	55.5	30.9	92.7
150	159.0	0.0	314.8

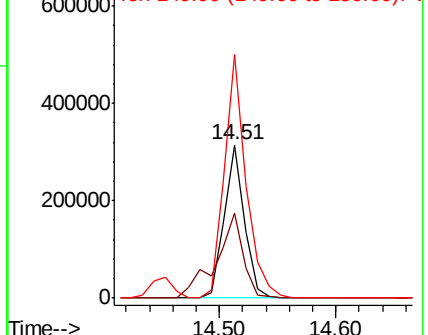
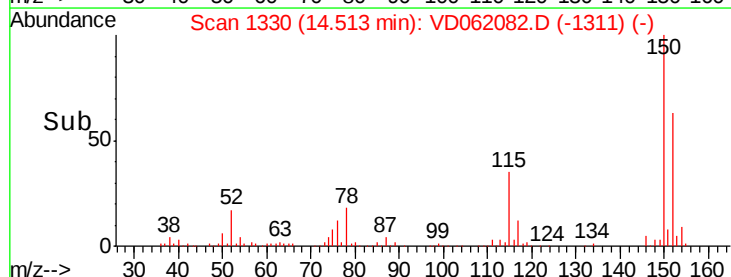


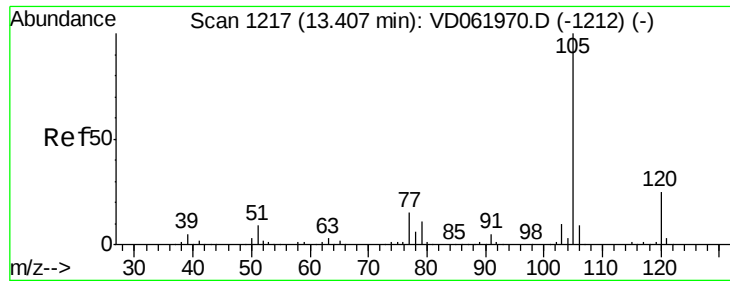
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

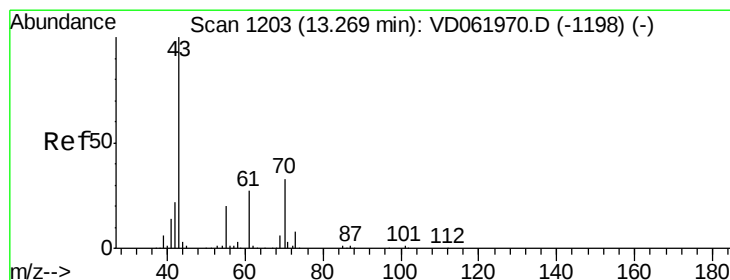
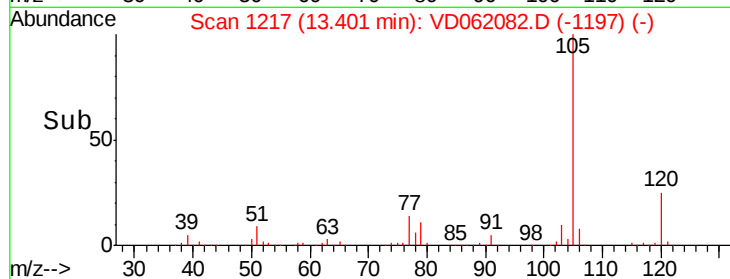
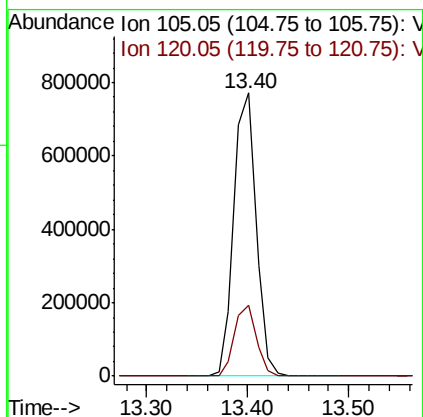
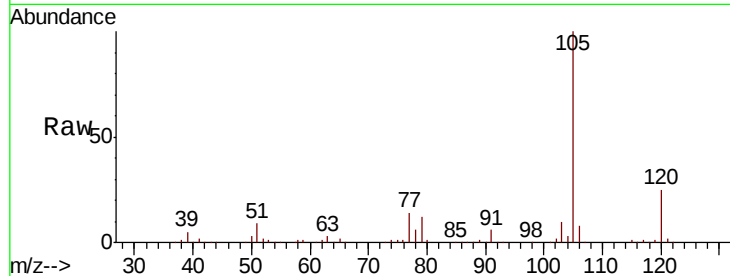
Ion 149.90 (149.60 to 150.60): V





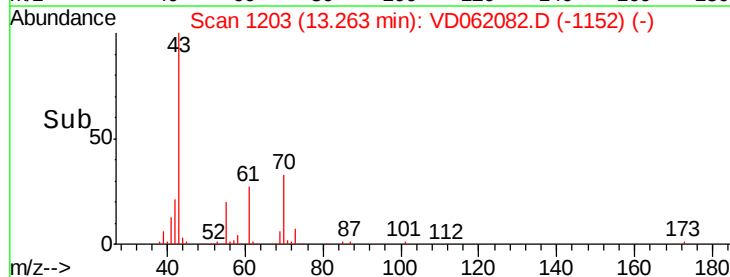
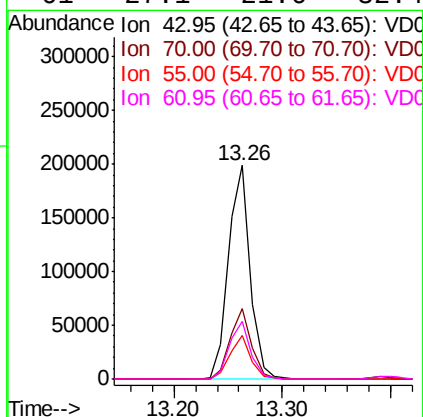
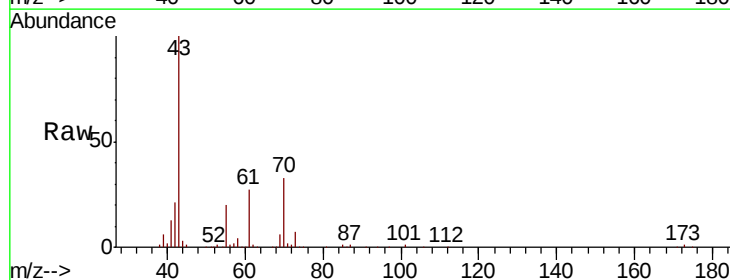
#73
Isopropylbenzene
Concen: 47.322 ug/l
RT: 13.40 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

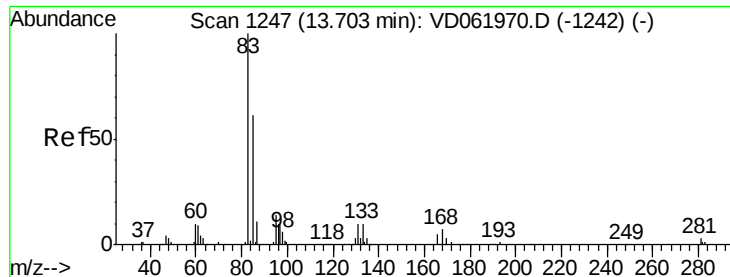
Tot Ion: 105 Resp: 1188170
Ion Ratio Lower Upper
105 100
120 25.2 12.0 36.1



#74
N-ethyl acetate
Concen: 42.863 ug/l
RT: 13.26 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion: 43 Resp: 277163
Ion Ratio Lower Upper
43 100
70 32.9 24.2 36.4
55 20.2 16.0 24.0
61 27.1 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.134 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

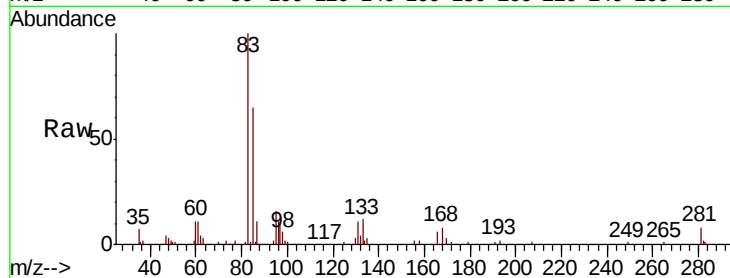
Tot Ion: 83 Resp: 236831

Ion Ratio Lower Upper

83 100

131 11.0 5.0 14.9

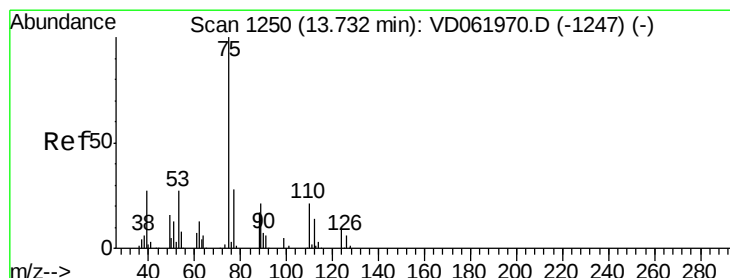
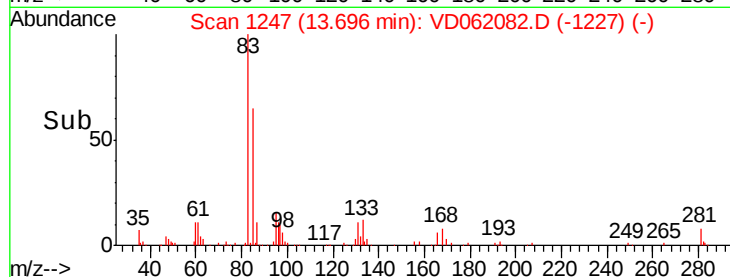
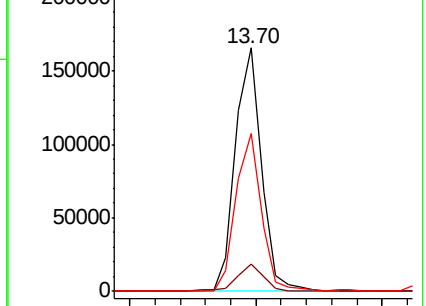
85 64.7 32.6 97.7



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: 47.114 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VD062082.D

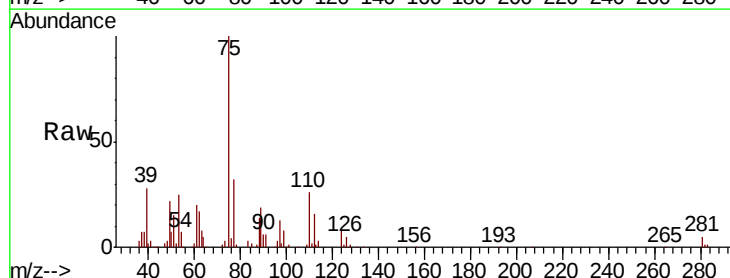
Acq: 30 Apr 2019 12:28

Tgt Ion: 75 Resp: 225190

Ion Ratio Lower Upper

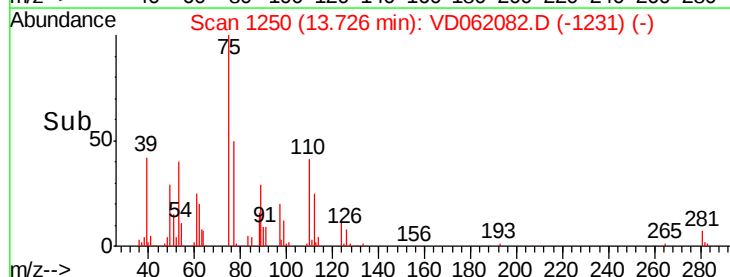
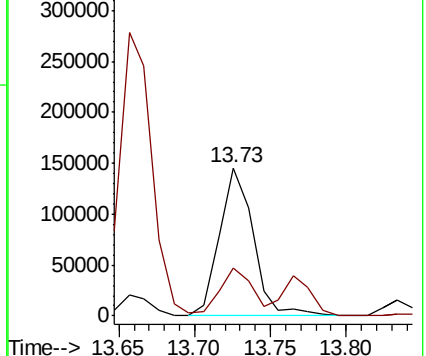
75 100

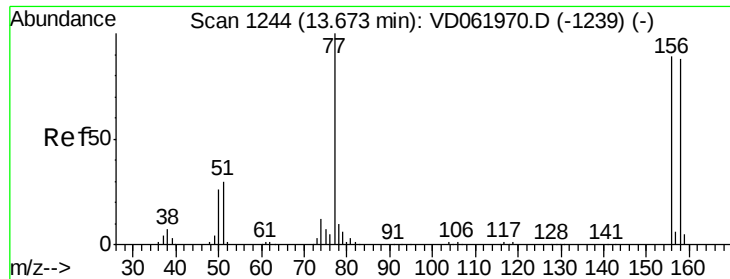
77 32.5 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 46.446 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

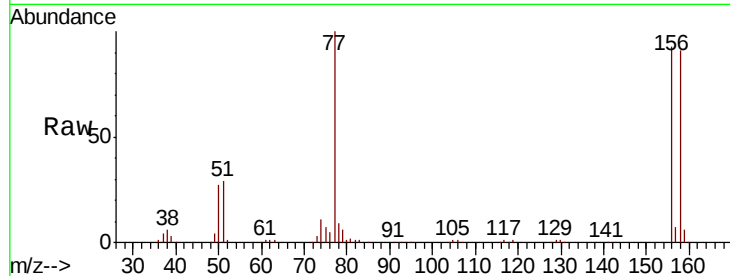
Tot Ion:156 Resp: 334532

Ion Ratio Lower Upper

156 100

77 107.9 53.1 159.4

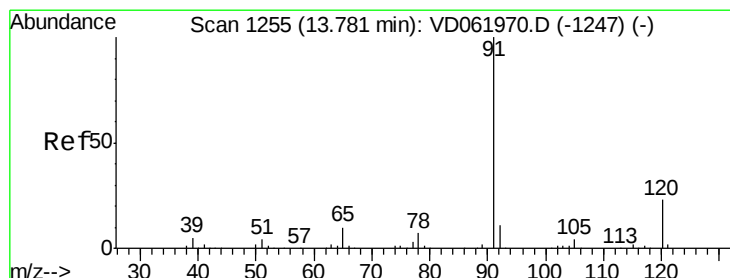
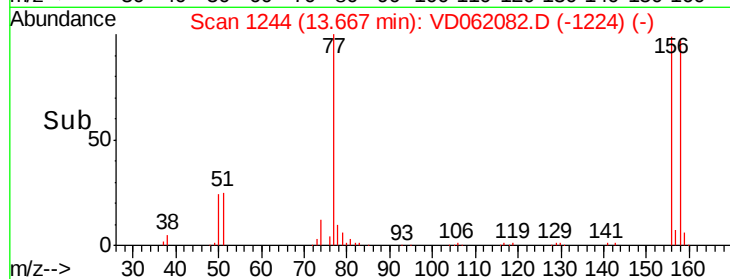
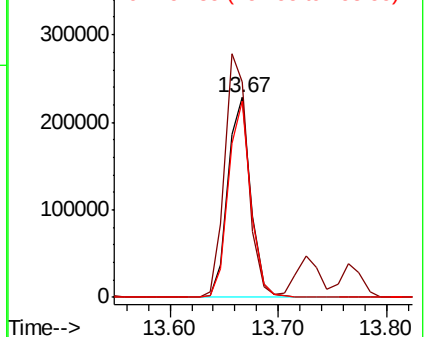
158 98.2 49.4 148.0



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: 49.460 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD062082.D

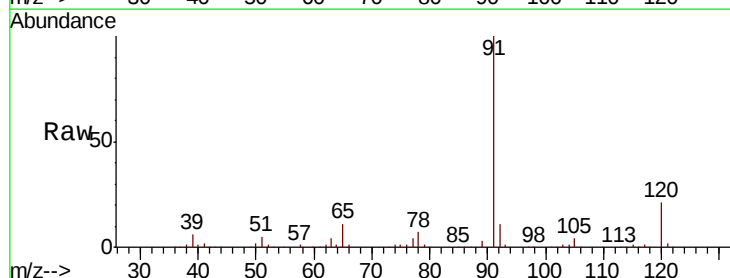
Acq: 30 Apr 2019 12:28

Tgt Ion: 91 Resp: 1421618

Ion Ratio Lower Upper

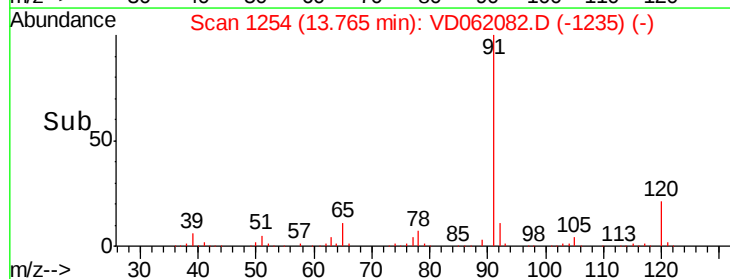
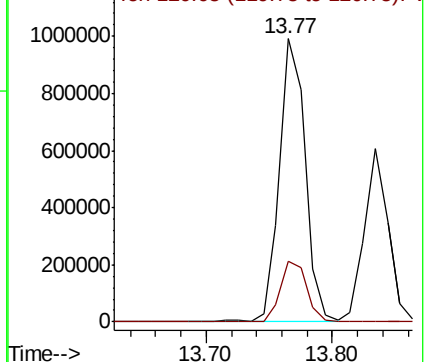
91 100

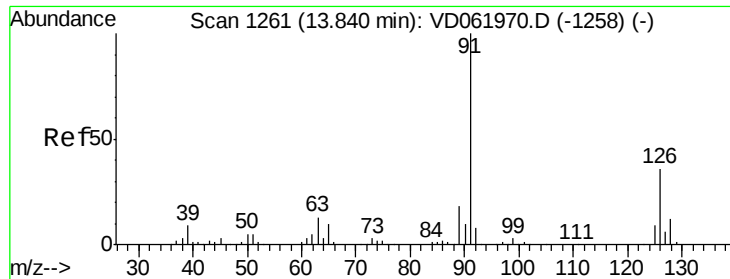
120 21.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

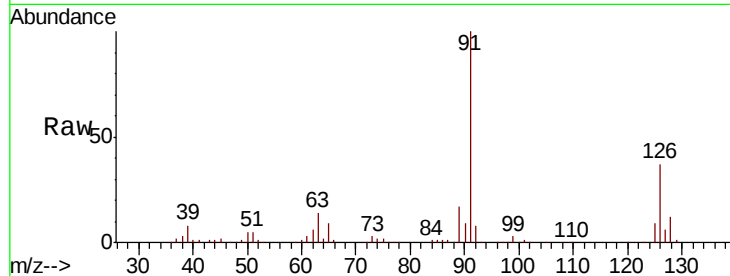
Ion 120.05 (119.75 to 120.75): V



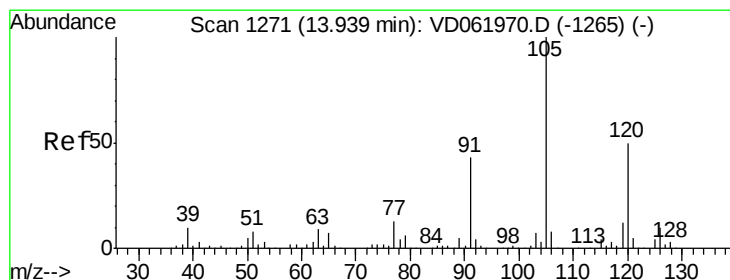
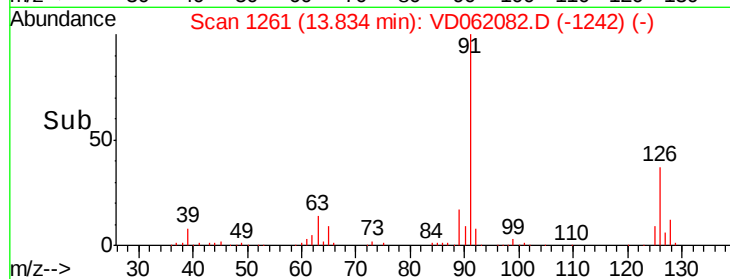
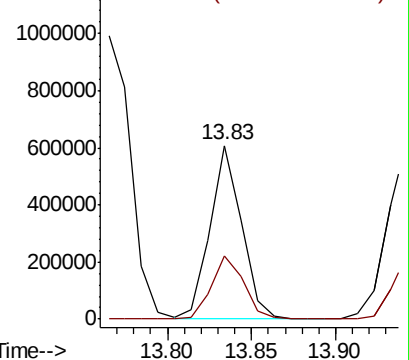


#79
 2-Chlorotoluene
 Concen: 45.454 ug/l
 RT: 13.83 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tot Ion: 91 Resp: 791344
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.6 55.8

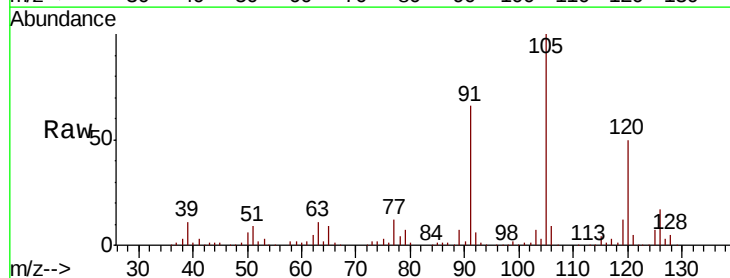


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

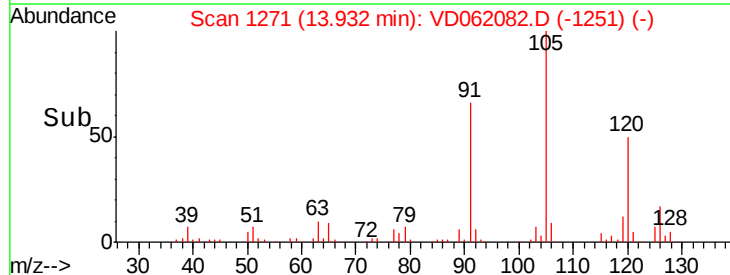
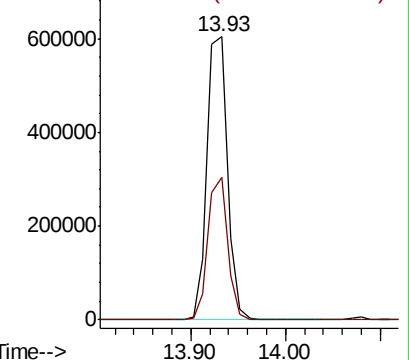


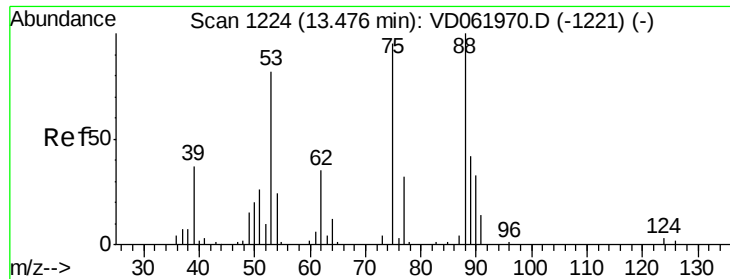
#80
 1,3,5-Trimethylbenzene
 Concen: 45.150 ug/l
 RT: 13.93 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tgt Ion:105 Resp: 903919
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.0 72.0



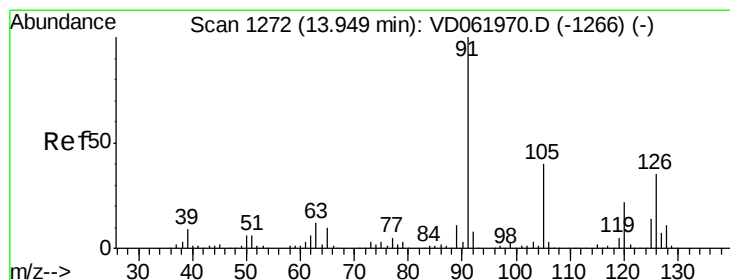
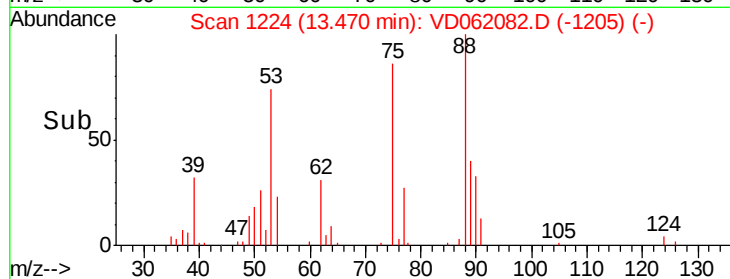
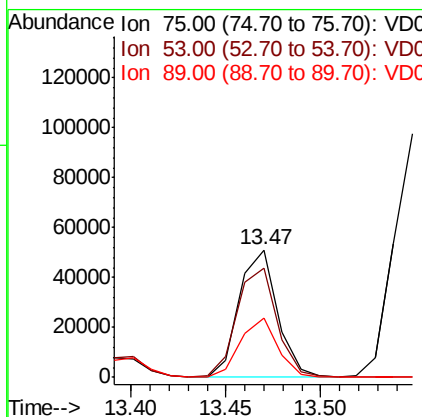
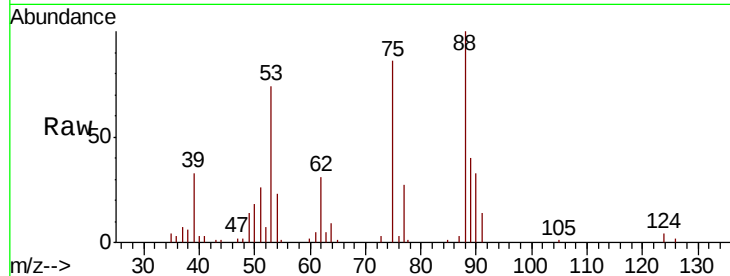
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





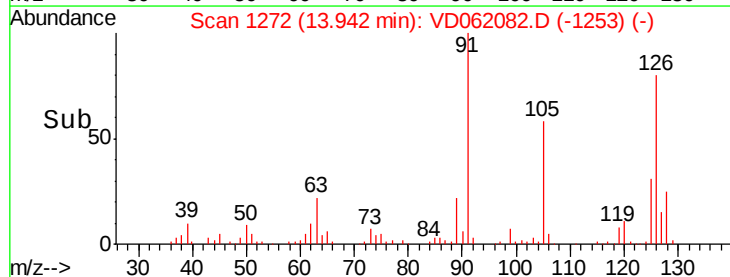
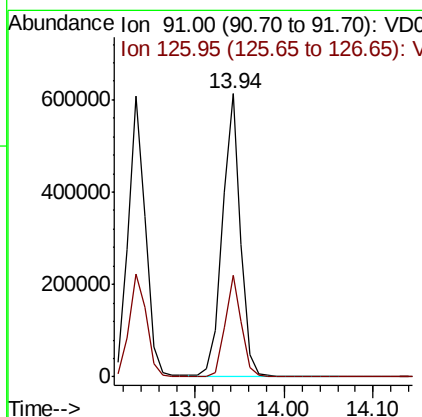
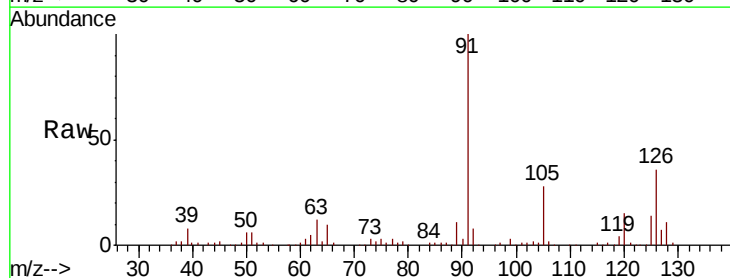
#81
trans-1,4-Dichloro-2-butene
Concen: 49.585 ug/l
RT: 13.47 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

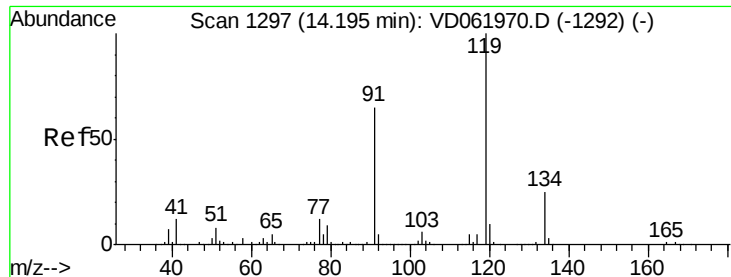
Tot Ion: 75 Resp: 71819
Ion Ratio Lower Upper
75 100
53 85.3 65.8 98.8
89 46.4 35.0 52.6



#82
4-Chlorotoluene
Concen: 45.467 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion: 91 Resp: 871738
Ion Ratio Lower Upper
91 100
126 35.9 19.1 57.5

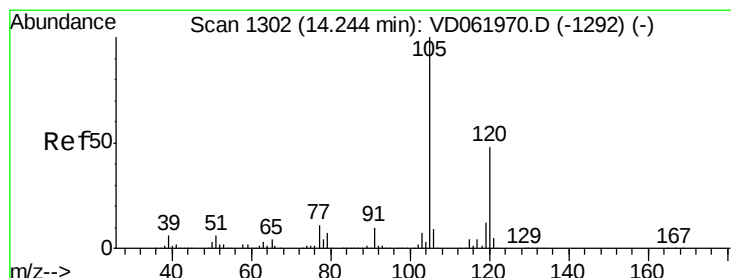
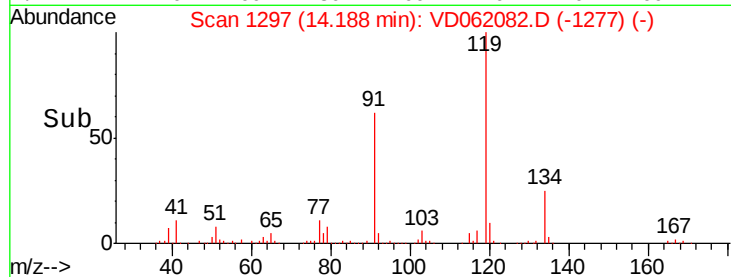
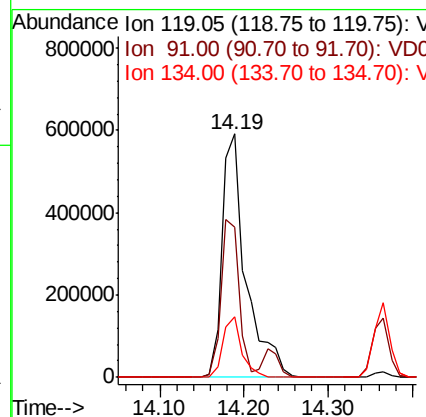
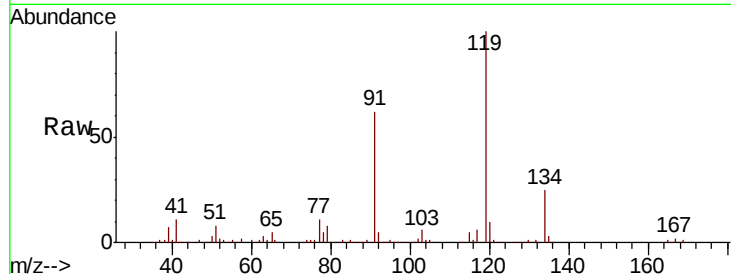




#83
 tert-Butylbenzene
 Concen: 49.942 ug/l
 RT: 14.19 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tot Ion:119 Resp: 1158261

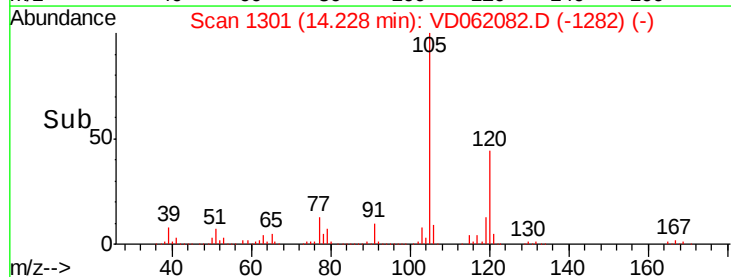
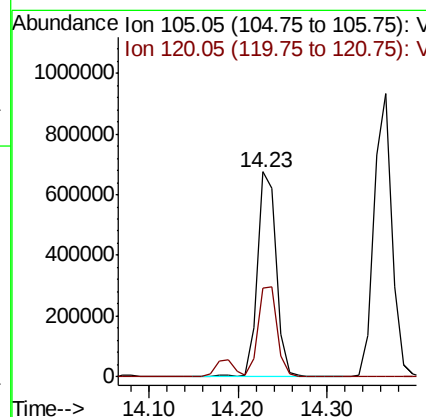
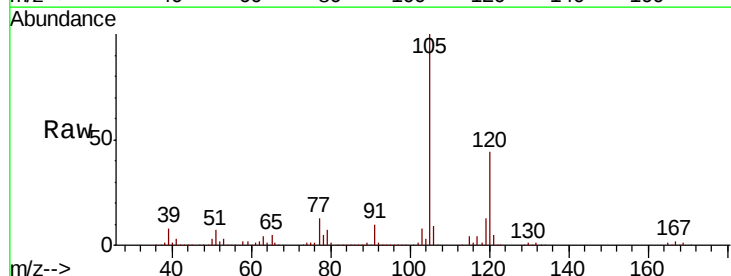
Ion	Ratio	Lower	Upper
119	100		
91	61.9	34.2	102.6
134	24.9	12.0	36.0

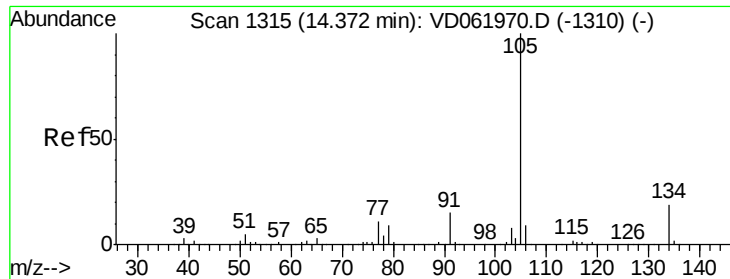


#84
 1,2,4-Trimethylbenzene
 Concen: 50.591 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tgt Ion:105 Resp: 967101

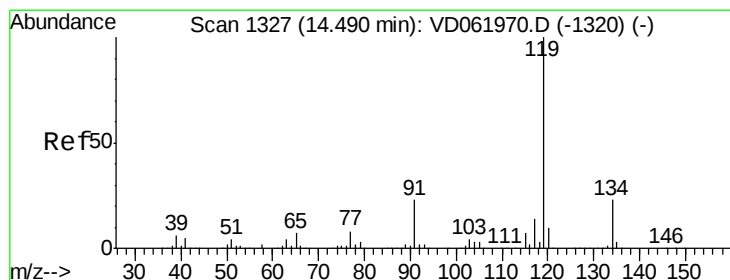
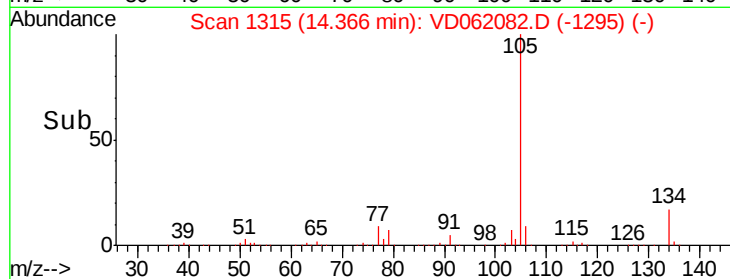
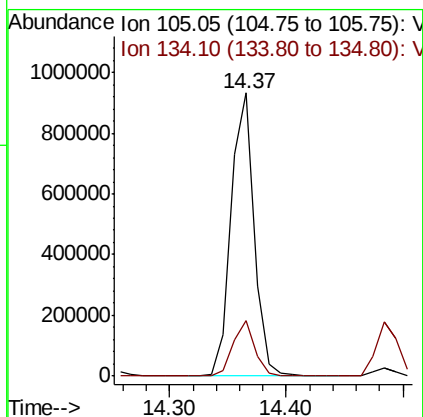
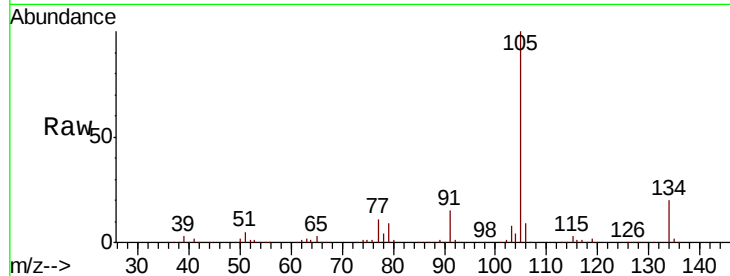
Ion	Ratio	Lower	Upper
105	100		
120	43.7	23.1	69.2





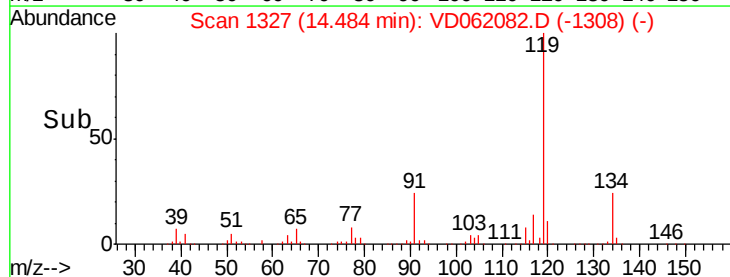
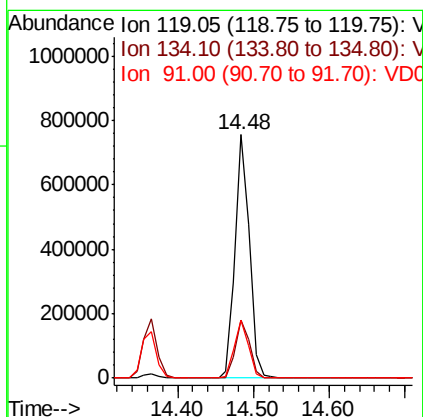
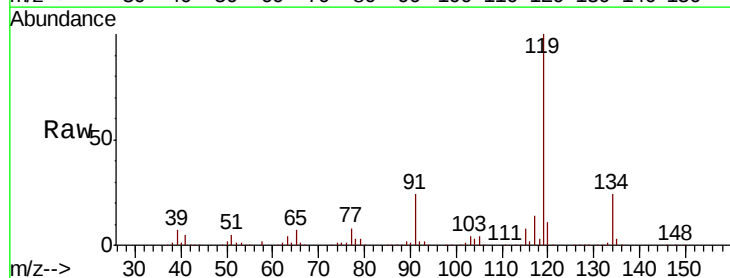
#85
 sec-Butylbenzene
 Concen: 50.711 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tot Ion:105 Resp: 1270783
 Ion Ratio Lower Upper
 105 100
 134 19.6 8.9 26.7



#86
 p-Isopropyltoluene
 Concen: 43.339 ug/l
 RT: 14.48 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

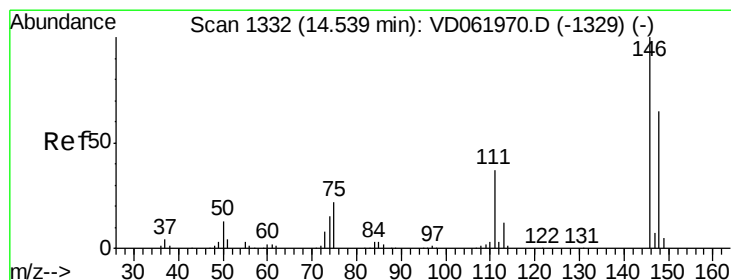
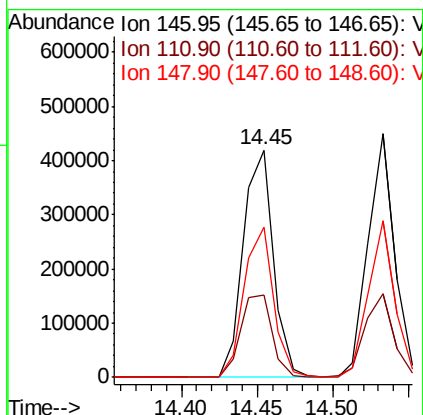
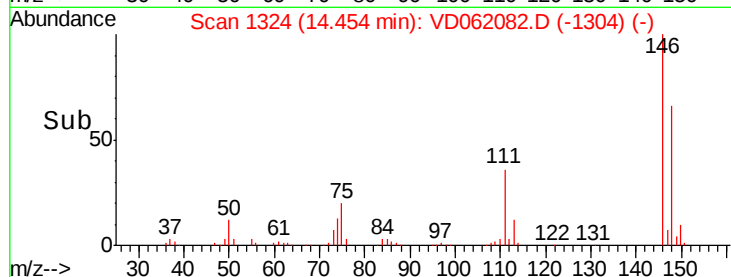
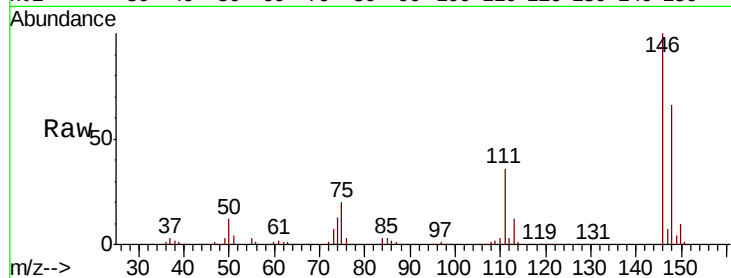
Tgt Ion:119 Resp: 971976
 Ion Ratio Lower Upper
 119 100
 134 23.7 12.8 38.3
 91 23.9 10.7 32.1





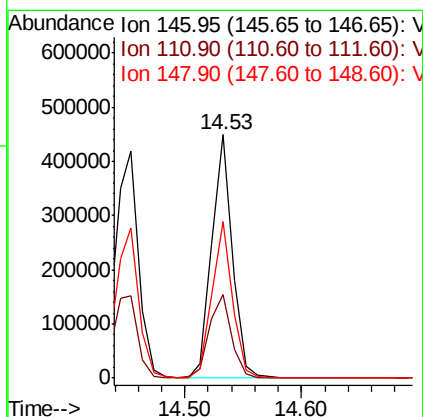
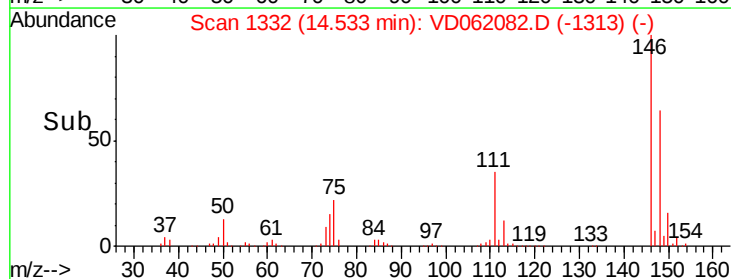
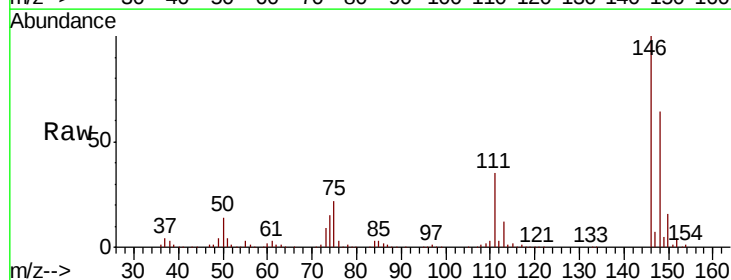
#87
 1,3-Dichlorobenzene
 Concen: 46.147 ug/l
 RT: 14.45 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

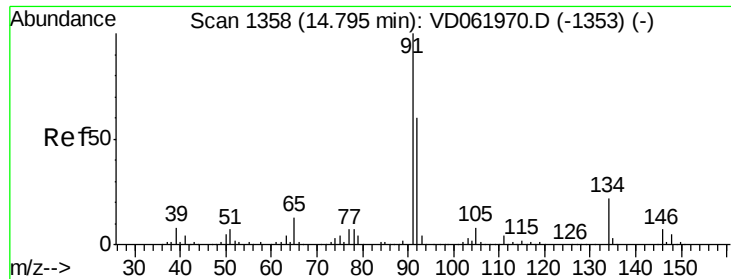
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	20.0	60.0
148	66.2	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 46.746 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

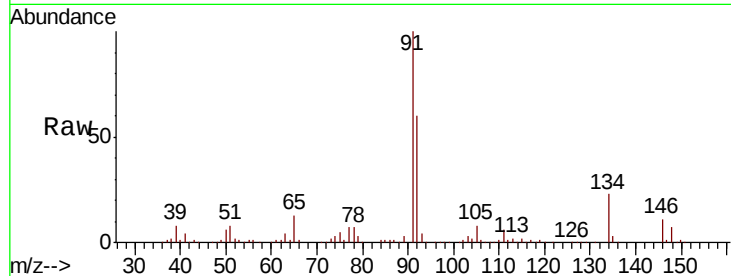
Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.6	20.2	60.5
148	64.3	32.0	96.2



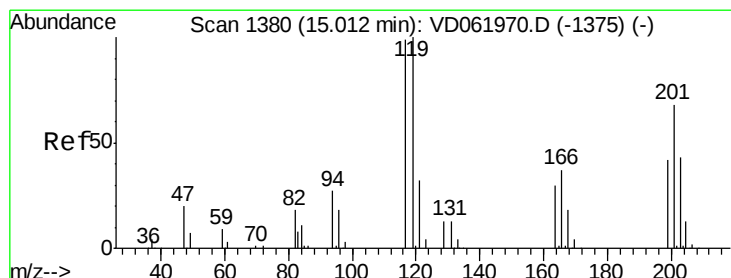
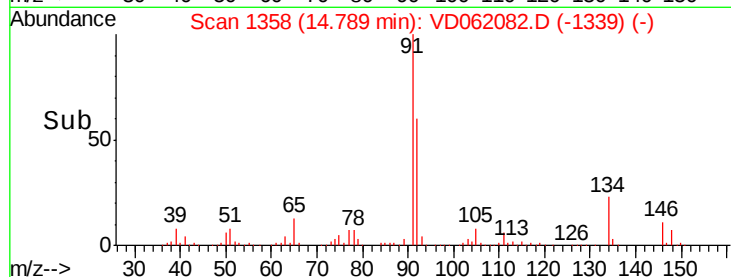
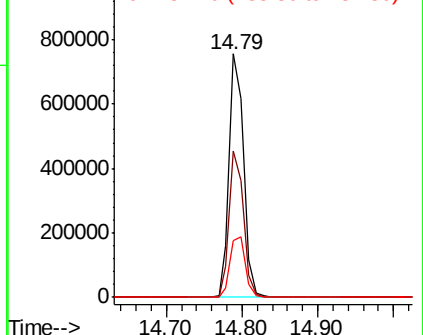


#89
n-Butylbenzene
Concen: 49.338 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tot Ion: 91 Resp: 993419
Ion Ratio Lower Upper
91 100
92 59.8 30.3 91.0
134 23.5 14.5 43.6

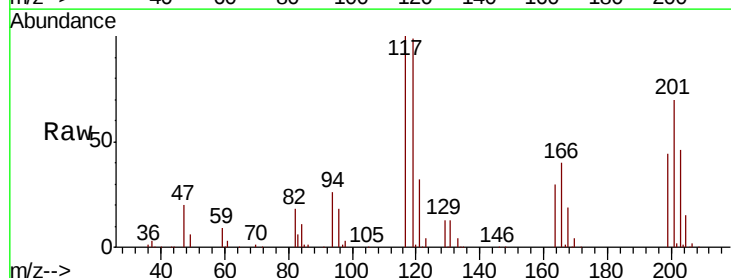


Abundance Ion 91.00 (90.70 to 91.70): VD061970.D (-1353) (-)
Ion 92.00 (91.70 to 92.70): VD061970.D (-1353) (-)
Ion 134.10 (133.80 to 134.80): VD061970.D (-1353) (-)

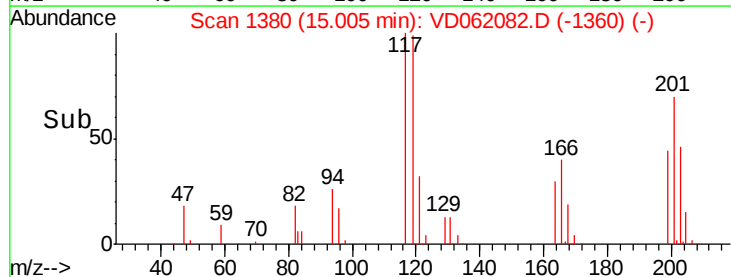
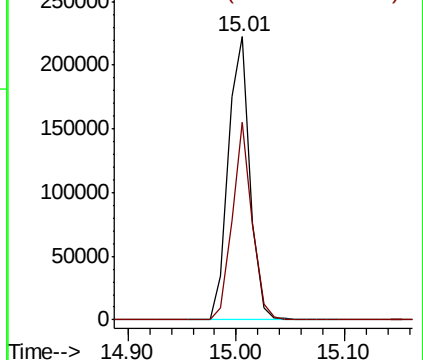


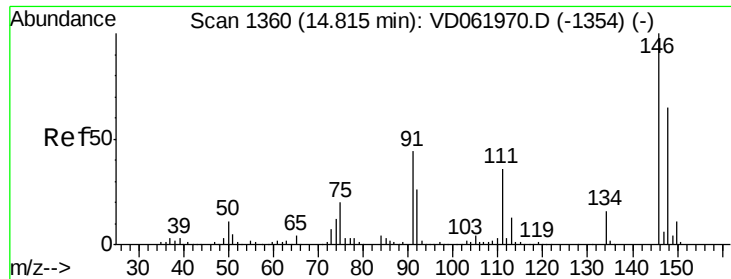
#90
Hexachloroethane
Concen: 50.920 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion: 117 Resp: 308807
Ion Ratio Lower Upper
117 100
201 69.7 30.2 90.6



Abundance Ion 116.85 (116.55 to 117.55): VD061970.D (-1375) (-)
Ion 200.75 (200.45 to 201.45): VD061970.D (-1375) (-)





#91

1,2-Dichlorobenzene

Concen: 48.036 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. -0.01 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

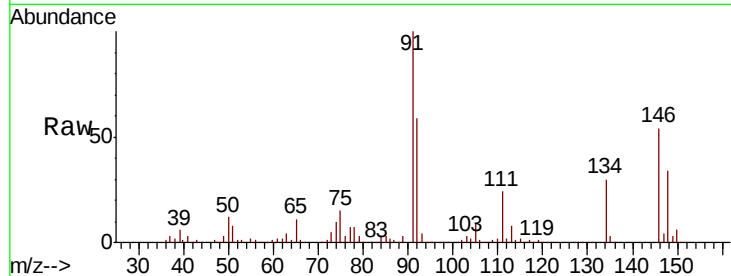
Tot Ion:146 Resp: 499788

Ion Ratio Lower Upper

146 100

111 43.5 20.0 59.9

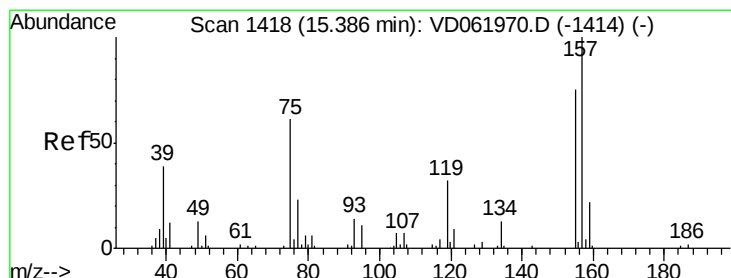
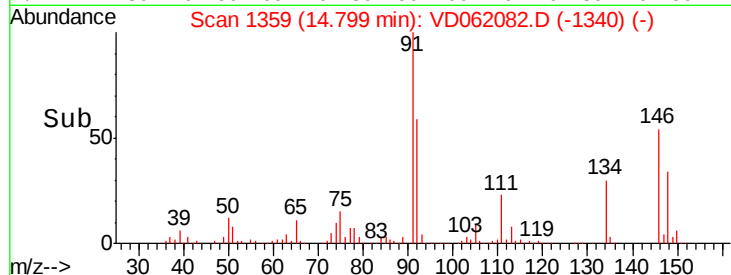
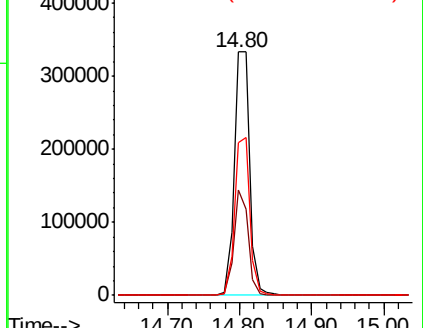
148 62.9 32.3 96.8



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: 41.896 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. -0.00 min

Lab File: VD062082.D

Acq: 30 Apr 2019 12:28

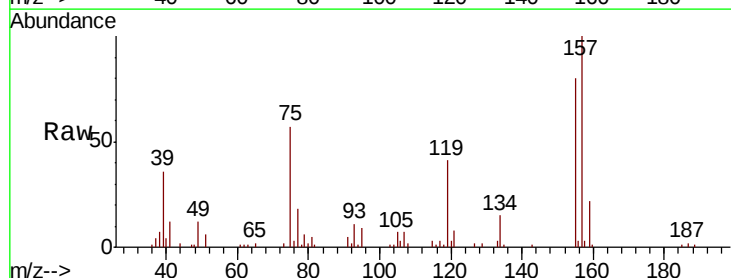
Tgt Ion: 75 Resp: 30128

Ion Ratio Lower Upper

75 100

155 139.8 55.3 165.8

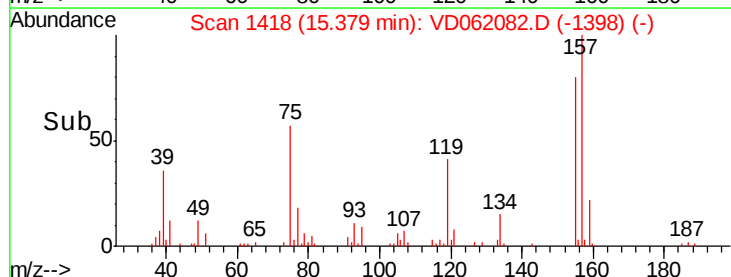
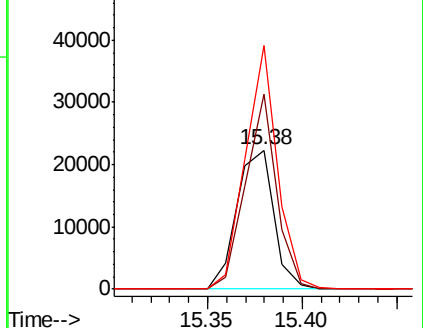
157 174.9 67.8 203.2

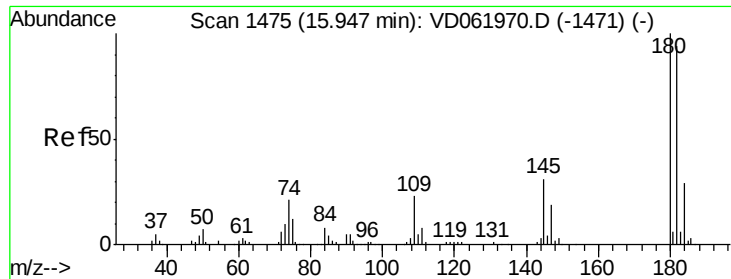


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

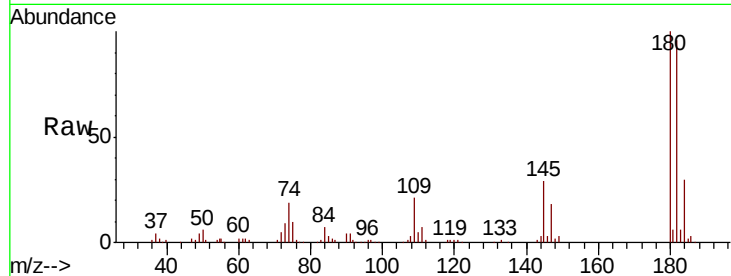
Ion 156.85 (156.55 to 157.55): V



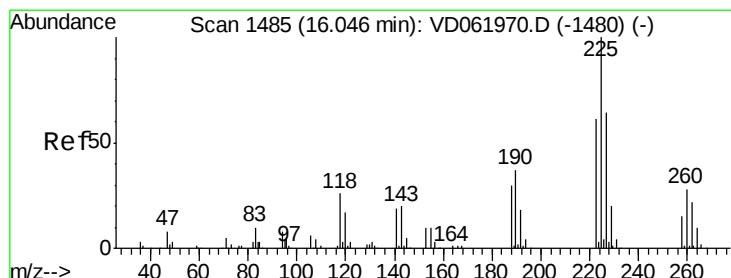
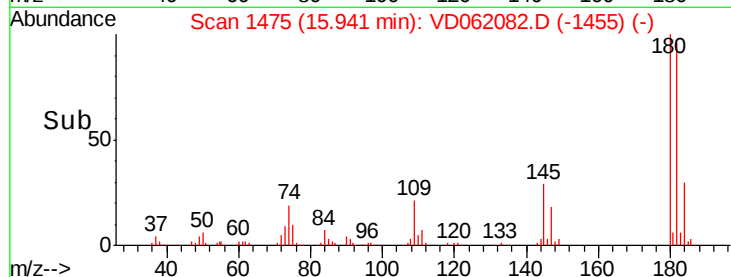
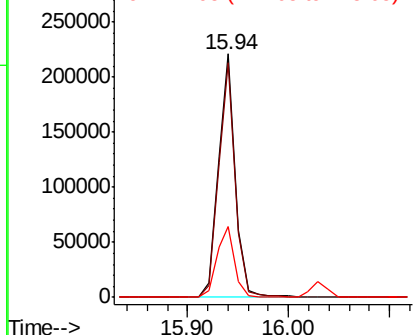


#93
 1,2,4-Trichlorobenzene
 Concen: 46.095 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	49.3	147.8
145	29.1	16.2	48.6

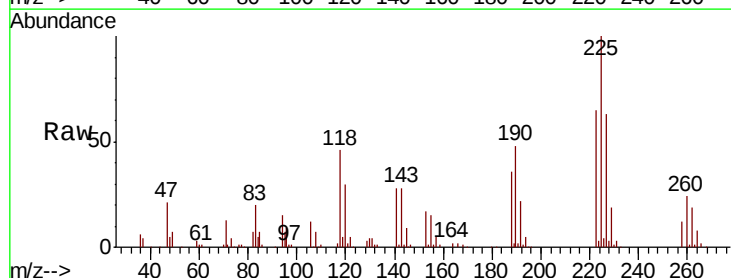


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

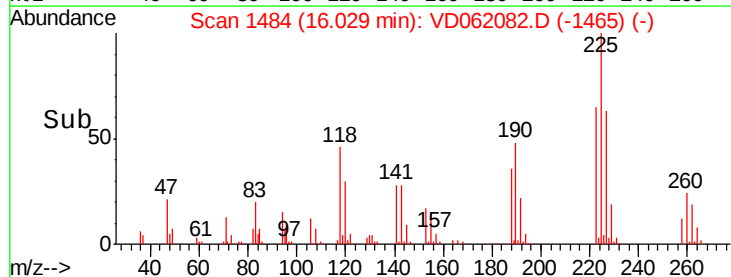
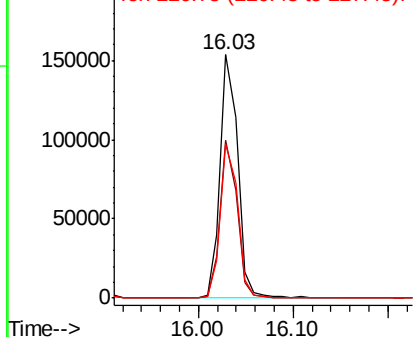


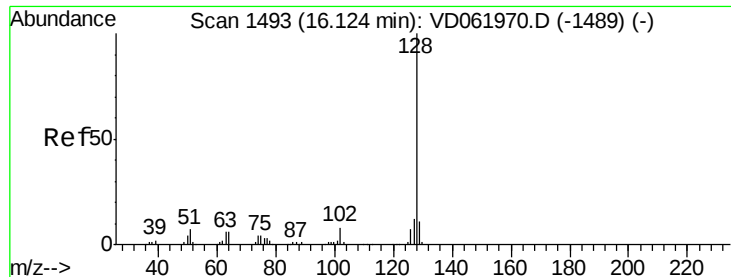
#94
 Hexachlorobutadiene
 Concen: 47.635 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: VD062082.D
 Acq: 30 Apr 2019 12:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	30.6	92.0
227	63.4	32.0	96.2



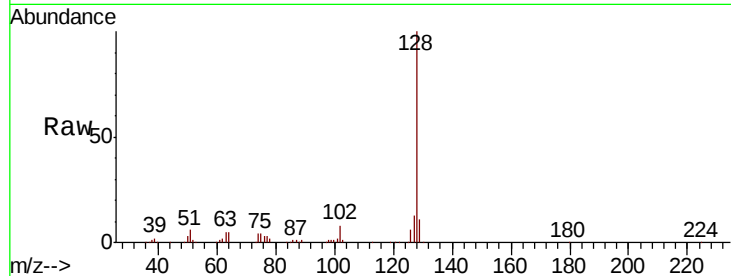
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V



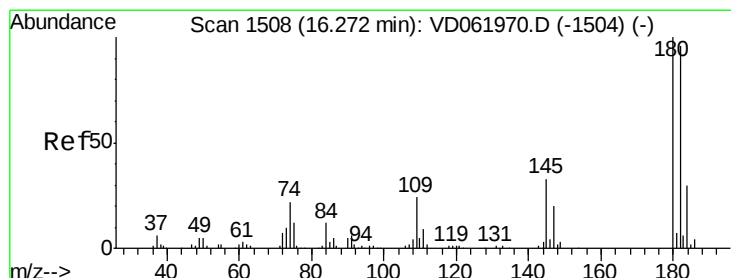
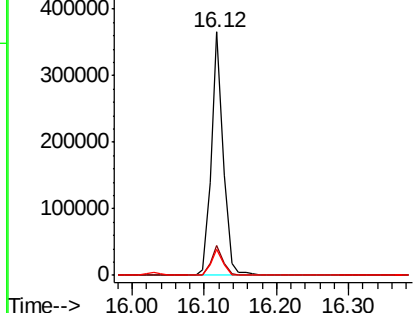
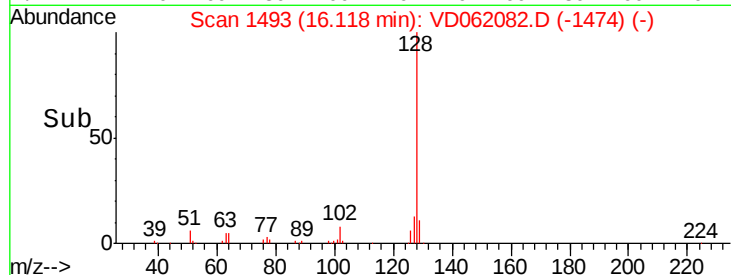


#95
Naphthalene
Concen: 45.599 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tot Ion:128 Resp: 413318
Ion Ratio Lower Upper
128 100
127 12.5 9.8 14.8
129 10.6 8.8 13.2

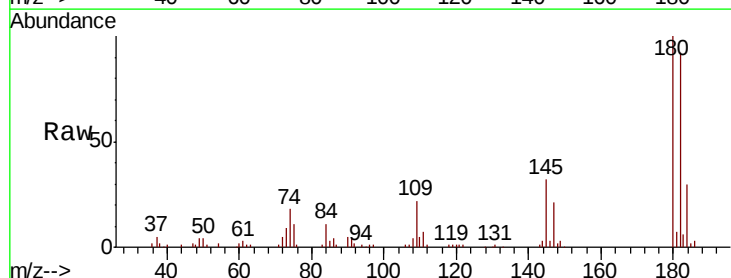


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 46.719 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VD062082.D
Acq: 30 Apr 2019 12:28

Tgt Ion:180 Resp: 148810
Ion Ratio Lower Upper
180 100
182 92.4 47.0 141.0
145 31.7 17.0 51.0



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

