

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062086.D
 Acq On : 30 Apr 2019 14:39
 Operator : FY/SY
 Sample : K2241-01
 Misc : 5.00gm/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 01:14:09 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	522098	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	824474	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	749824	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	374202	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	234518	57.39	ug/l	-0.02
Spiked Amount			Recovery	=	114.78%	
35) Dibromofluoromethane	6.90	113	343999	60.33	ug/l	-0.03
Spiked Amount			Recovery	=	120.66%	
50) Toluene-d8	10.40	98	767420	56.56	ug/l	-0.02
Spiked Amount			Recovery	=	113.12%	
62) 4-Bromofluorobenzene	13.55	95	292113	53.68	ug/l	-0.01
Spiked Amount			Recovery	=	107.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	18043	3.870	ug/l	89
3) Chloromethane	1.75	50	14190	3.581	ug/l	97
4) Vinyl Chloride	1.84	62	12565	3.499	ug/l	89
5) Bromomethane	2.15	94	6042	4.994	ug/l #	74
6) Chloroethane	2.27	64	3968	3.057	ug/l #	61
7) Trichlorofluoromethane	2.52	101	21618	3.981	ug/l	89
8) Diethyl Ether	2.87	74	4572	3.142	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.14	101	16799	3.358	ug/l	92
10) Methyl Iodide	3.30	142	16340	7.340	ug/l #	96
11) Tert butyl alcohol	4.05	59	3668	15.887	ug/l #	76
12) 1,1-Dichloroethene	3.12	96	14064	3.305	ug/l	96
13) Acrolein	3.03	56	3077	12.845	ug/l	100
14) Allyl chloride	3.61	41	15592	2.683	ug/l #	82
15) Acrylonitrile	4.18	53	10664	14.917	ug/l #	87
16) Acetone	3.21	43	16851	17.271	ug/l #	82
17) Carbon Disulfide	3.37	76	40495	3.293	ug/l	96
18) Methyl Acetate	3.63	43	8599	2.819	ug/l	95
19) Methyl tert-butyl Ether	4.21	73	25383	3.006	ug/l	92
20) Methylene Chloride	3.80	84	34724	4.403	ug/l	98
21) trans-1,2-Dichloroethene	4.21	96	17164	3.516	ug/l	84
22) Diisopropyl ether	5.09	45	37103	2.735	ug/l	93
23) Vinyl Acetate	5.03	43	92505	13.093	ug/l	99
24) 1,1-Dichloroethane	4.96	63	25204	3.074	ug/l #	85
25) 2-Butanone	6.05	43	17047	14.411	ug/l #	91
26) 2,2-Dichloropropane	6.01	77	20577	2.876	ug/l	100
27) cis-1,2-Dichloroethene	6.03	96	16542	2.978	ug/l	90
28) Bromochloromethane	6.42	49	8130	2.591	ug/l	89
29) Tetrahydrofuran	6.43	42	7702	13.214	ug/l	91
30) Chloroform	6.65	83	27082	2.908	ug/l	94
31) Cyclohexane	6.94	56	19059	3.131	ug/l #	91
32) 1,1,1-Trichloroethane	6.84	97	23892	2.948	ug/l #	91
36) 1,1-Dichloropropene	7.13	75	22060	3.434	ug/l	90
37) Ethyl Acetate	6.17	43	8586	3.137	ug/l #	64
38) Carbon Tetrachloride	7.09	117	24911	3.060	ug/l	84

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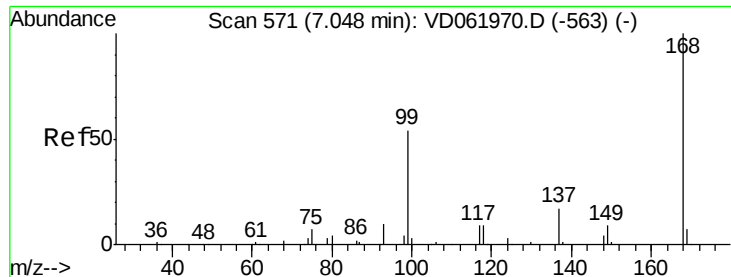
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	23376	3.688	ug/l	90
40) Benzene	7.44	78	46148	2.902	ug/l	96
41) Methacrylonitrile	6.42	41	10350	3.241	ug/l	91
42) 1,2-Dichloroethane	7.55	62	17378	3.218	ug/l	96
43) Isopropyl Acetate	9.22	43	12322	3.081	ug/l #	85
44) Trichloroethene	8.53	130	19568	3.174	ug/l	86
45) 1,2-Dichloropropane	8.92	63	11479	2.845	ug/l	95
46) Dibromomethane	9.05	93	8091	2.787	ug/l #	76
47) Bromodichloromethane	9.36	83	20774	3.029	ug/l	93
48) Methyl methacrylate	9.11	41	6637	2.908	ug/l #	87
49) 1,4-Dioxane	9.07	88	1193	48.491	ug/l #	31
51) 4-Methyl-2-Pentanone	10.28	43	42370	17.322	ug/l	92
52) Toluene	10.50	92	33610	3.315	ug/l	95
53) t-1,3-Dichloropropene	10.90	75	17488	3.037	ug/l	97
54) cis-1,3-Dichloropropene	10.02	75	21465	3.065	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	11059	3.249	ug/l	95
56) Ethyl methacrylate	11.03	69	10691	2.836	ug/l #	87
57) 1,3-Dichloropropane	11.39	76	15805	3.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.84	63	28326	16.160	ug/l	94
59) 2-Hexanone	11.52	43	29078	15.848	ug/l	99
60) Dibromochloromethane	11.67	129	16577	2.943	ug/l	99
61) 1,2-Dibromoethane	11.80	107	12191	3.019	ug/l	98
64) Tetrachloroethene	11.25	164	16143	3.018	ug/l	91
65) Chlorobenzene	12.39	112	38736	2.734	ug/l	95
66) 1,1,1,2-Tetrachloroethane	12.51	131	15736	2.618	ug/l	98
67) Ethyl Benzene	12.52	91	66653	2.882	ug/l	96
68) m/p-Xylenes	12.65	106	51452	6.156	ug/l	98
69) o-Xylene	13.04	106	21637	2.829	ug/l	100
70) Styrene	13.07	104	40182	3.043	ug/l	98
71) Bromoform	13.22	173	8006	2.337	ug/l #	82
73) Isopropylbenzene	13.39	105	65641	2.630	ug/l	100
74) N-amyl acetate	13.25	43	14969	2.329	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.69	83	13405	2.740	ug/l	91
76) 1,2,3-Trichloropropane	13.73	75	13179	2.773	ug/l	98
77) Bromobenzene	13.66	156	18090	2.526	ug/l	77
78) n-propylbenzene	13.77	91	80791	2.827	ug/l	99
79) 2-Chlorotoluene	13.83	91	42032	2.428	ug/l	96
80) 1,3,5-Trimethylbenzene	13.92	105	54267	2.726	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.55	75	113417	78.763	ug/l #	16
82) 4-Chlorotoluene	13.94	91	52209	2.739	ug/l	97
83) tert-Butylbenzene	14.18	119	65934	2.860	ug/l	99
84) 1,2,4-Trimethylbenzene	14.23	105	57928	3.048	ug/l	98
85) sec-Butylbenzene	14.36	105	75926	3.048	ug/l	97
86) p-Isopropyltoluene	14.48	119	62651	2.810	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	35028	2.793	ug/l	100
88) 1,4-Dichlorobenzene	14.53	146	36027	3.072	ug/l	94
89) n-Butylbenzene	14.79	91	55318	2.763	ug/l	95
90) Hexachloroethane	15.00	117	16439	2.727	ug/l	87
91) 1,2-Dichlorobenzene	14.80	146	28989	2.803	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.37	75	1547	4.665	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	15305	2.742	ug/l	91
94) Hexachlorobutadiene	16.03	225	10921	2.644	ug/l	96
95) Naphthalene	16.12	128	25649	2.846	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	10196	3.220	ug/l	95

(#) = 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: VD062086.D

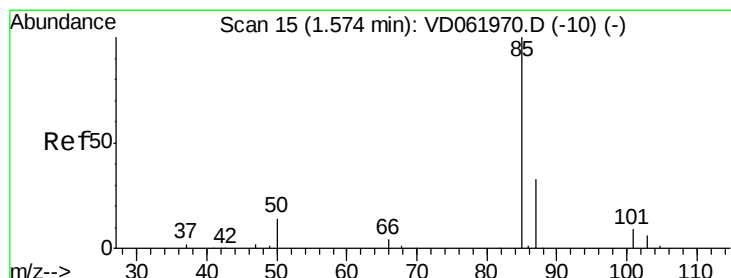
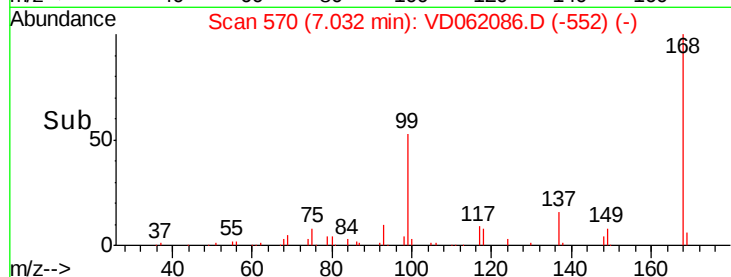
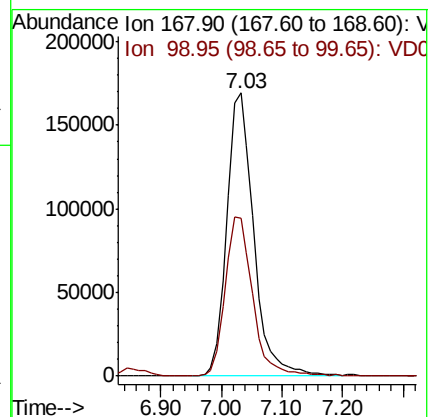
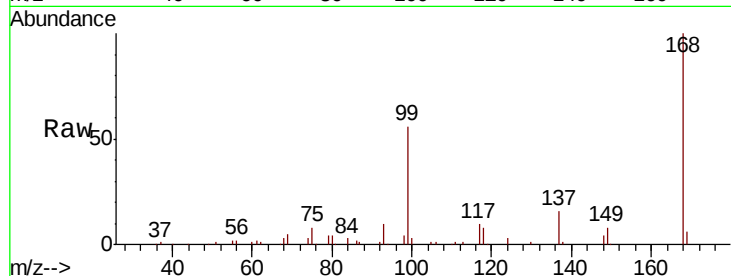
Acq: 30 Apr 2019 14:39

Tot Ion:168 Resp: 522098

Ion Ratio Lower Upper

168 100

99 55.6 46.5 69.7



#2

Dichlorodifluoromethane

Concen: 3.870 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.01 min

Lab File: VD062086.D

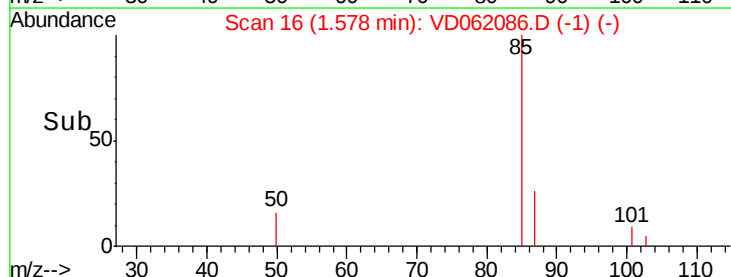
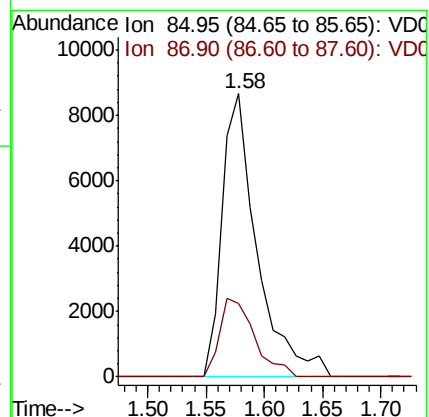
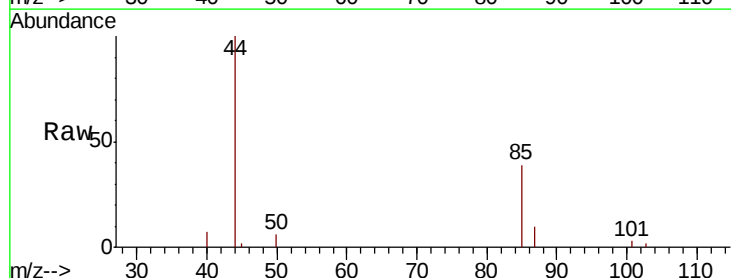
Acq: 30 Apr 2019 14:39

Tgt Ion: 85 Resp: 18043

Ion Ratio Lower Upper

85 100

87 26.0 16.2 48.6





#3

Chloromethane

Concen: 3.581 ug/l

RT: 1.75 min Scan# 33

Delta R.T. -0.01 min

Lab File: VD062086.D

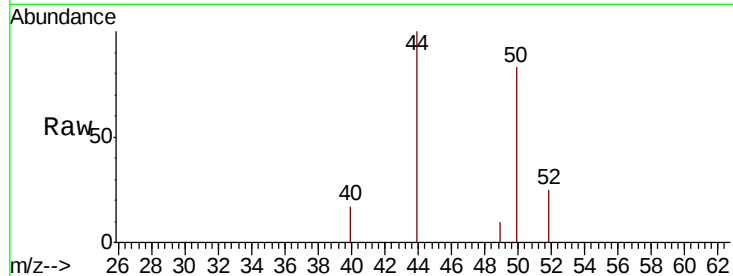
Acq: 30 Apr 2019 14:39

Tot Ion: 50 Resp: 14190

Ion Ratio Lower Upper

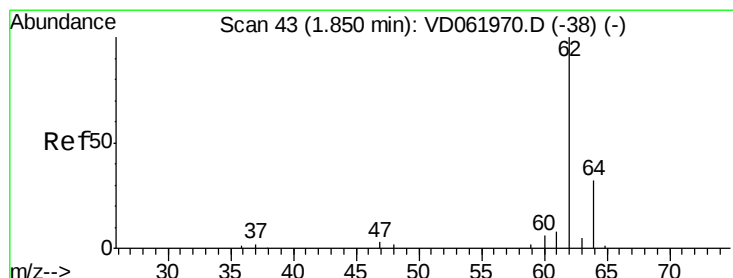
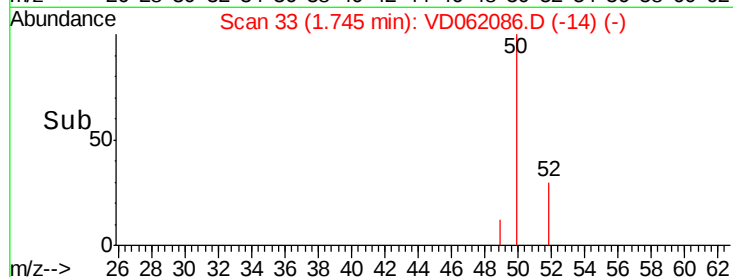
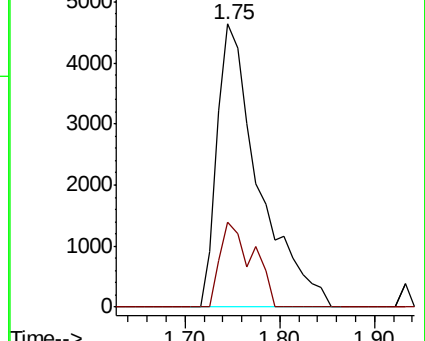
50 100

52 29.9 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: 3.499 ug/l

RT: 1.84 min Scan# 43

Delta R.T. -0.01 min

Lab File: VD062086.D

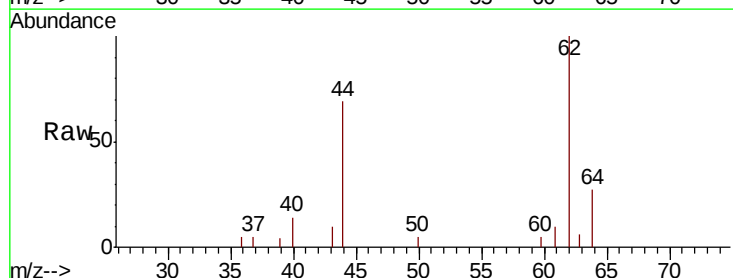
Acq: 30 Apr 2019 14:39

Tgt Ion: 62 Resp: 12565

Ion Ratio Lower Upper

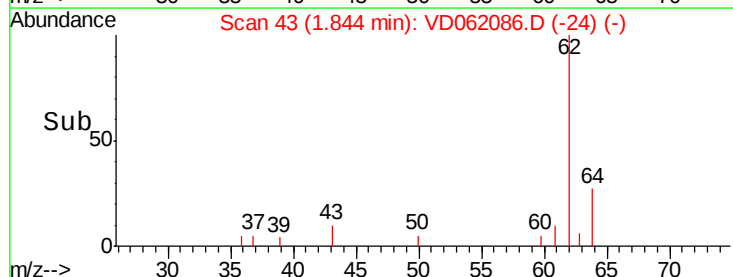
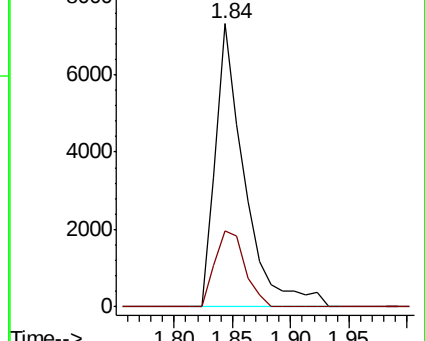
62 100

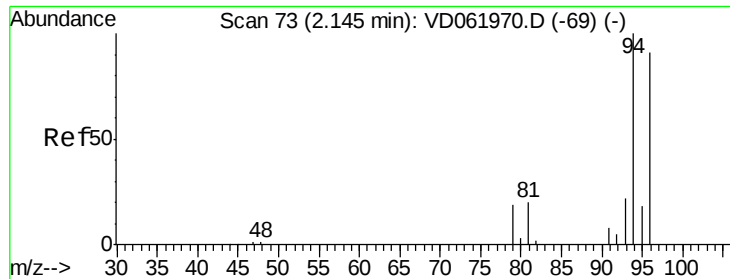
64 27.0 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

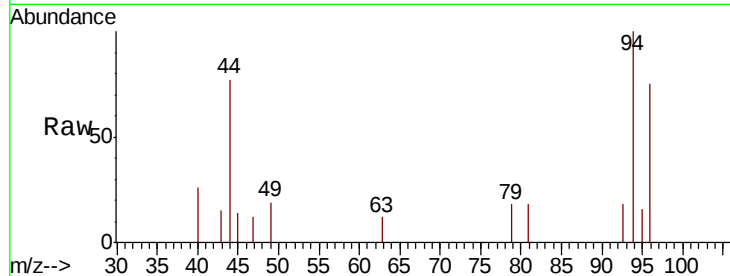
Ion 63.95 (63.65 to 64.65): VDC



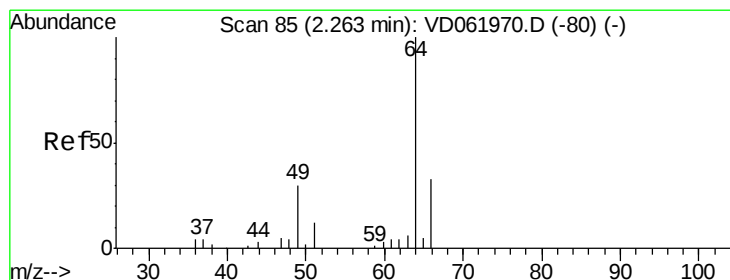
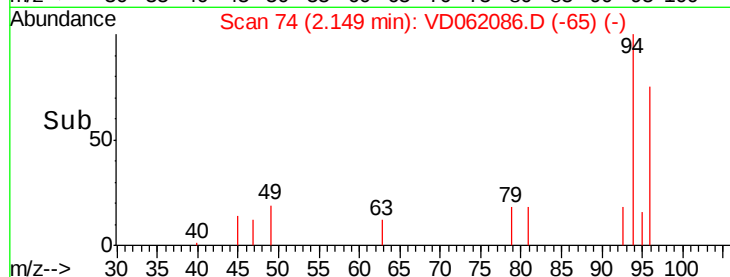
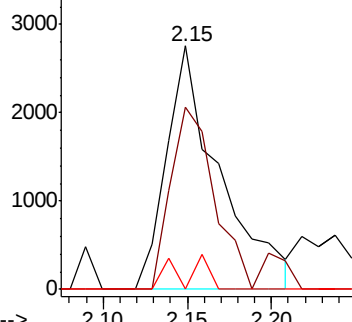


#5
Bromomethane
Concen: 4.994 ug/l
RT: 2.15 min Scan# 74
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion: 94 Resp: 6042
Ion Ratio Lower Upper
94 100
96 74.9 76.6 115.0#
93 0.0 18.5 27.7#

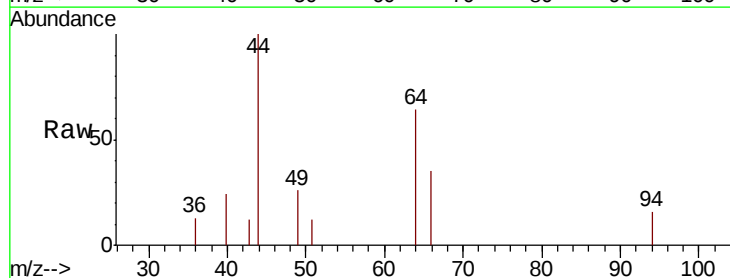


Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC

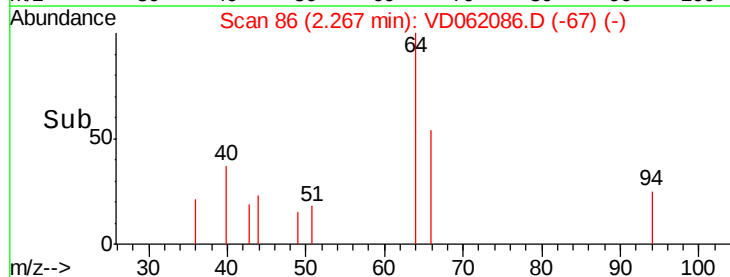
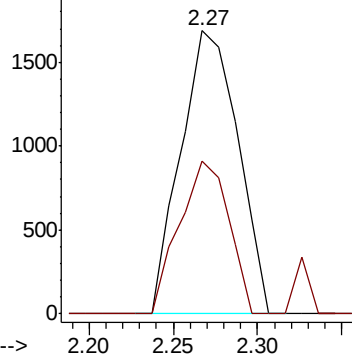


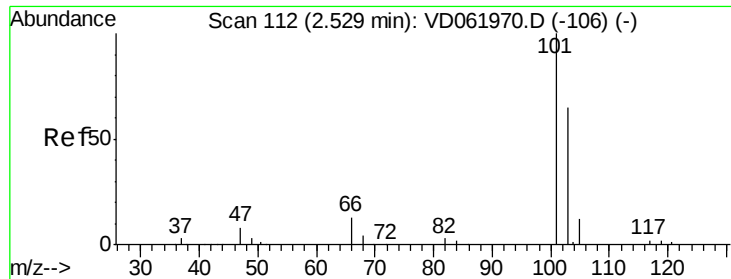
#6
Chloroethane
Concen: 3.057 ug/l
RT: 2.27 min Scan# 86
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion: 64 Resp: 3968
Ion Ratio Lower Upper
64 100
66 53.9 25.6 38.4#



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

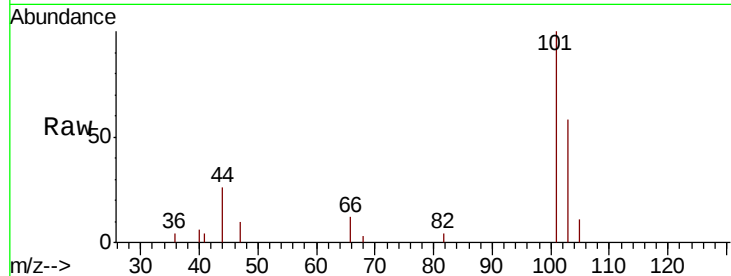




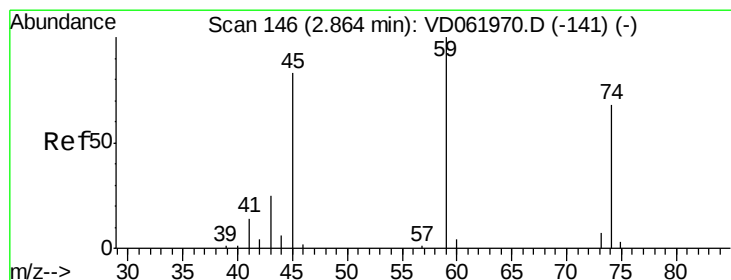
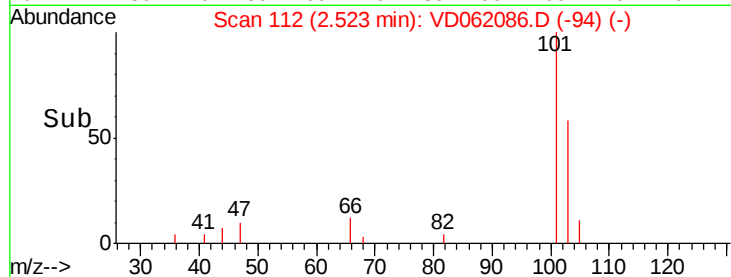
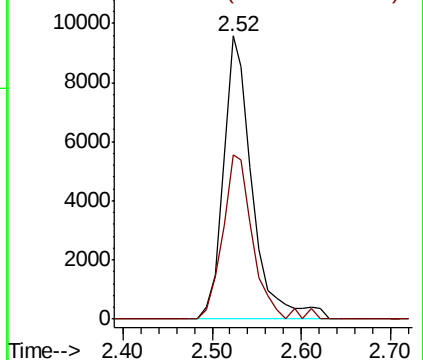
#7

Trichlorofluoromethane
 Concen: 3.981 ug/l
 RT: 2.52 min Scan# 112
 Delta R.T. -0.02 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tot Ion: 101 Resp: 21618
 Ion Ratio Lower Upper
 101 100
 103 58.1 53.6 80.4



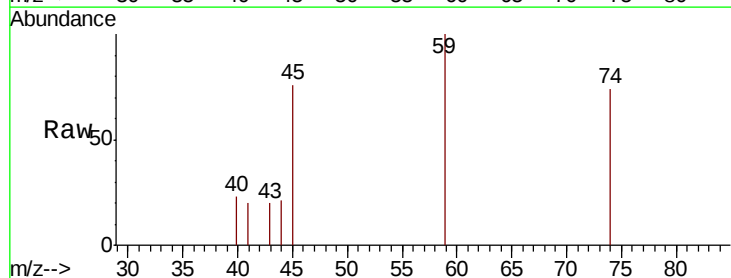
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



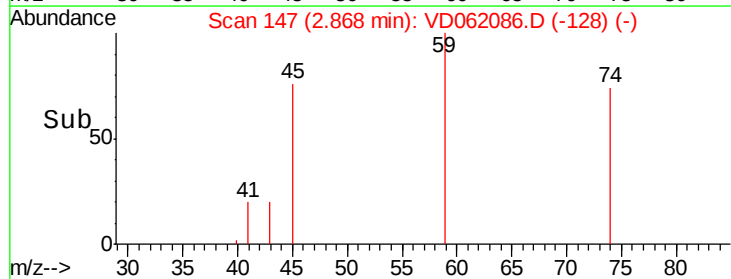
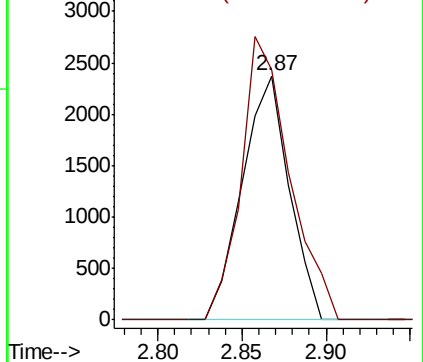
#8

Diethyl Ether
 Concen: 3.142 ug/l
 RT: 2.87 min Scan# 147
 Delta R.T. -0.01 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tgt Ion: 74 Resp: 4572
 Ion Ratio Lower Upper
 74 100
 45 102.4 56.9 170.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.358 ug/l

RT: 3.14 min Scan# 175

Delta R.T. -0.02 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

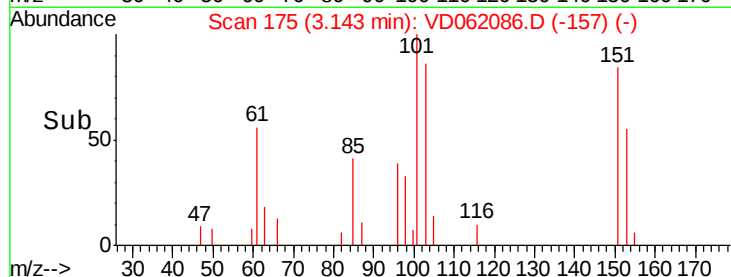
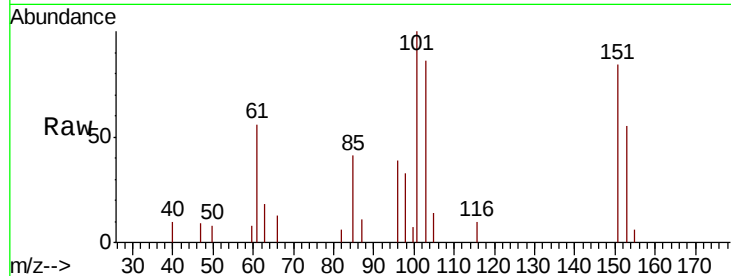
Tot Ion:101 Resp: 16799

Ion Ratio Lower Upper

101 100

85 40.7 32.4 48.6

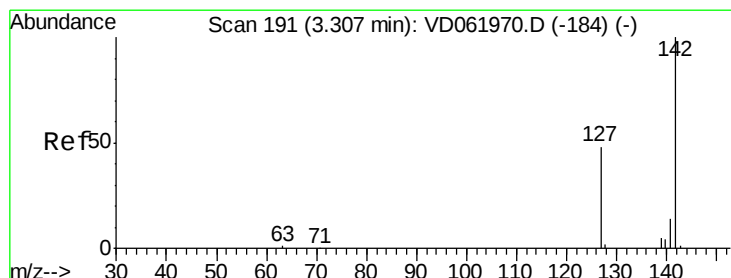
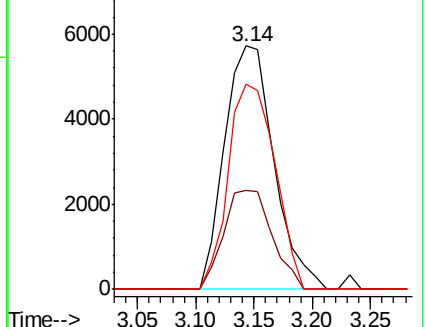
151 84.3 59.4 89.0



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: 7.340 ug/l

RT: 3.30 min Scan# 191

Delta R.T. -0.02 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

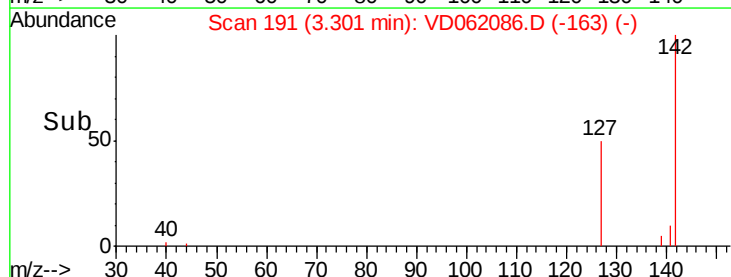
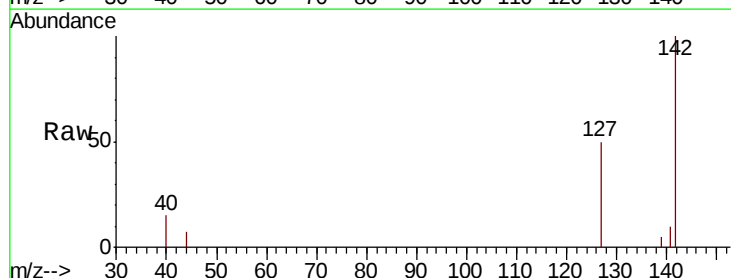
Tgt Ion:142 Resp: 16340

Ion Ratio Lower Upper

142 100

127 49.8 38.8 58.2

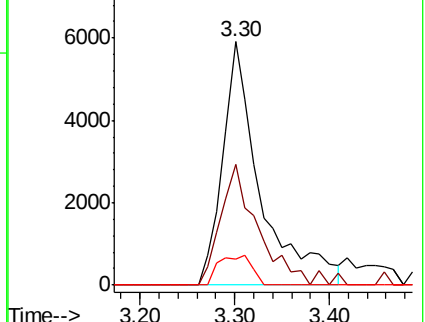
141 10.5 11.4 17.0#

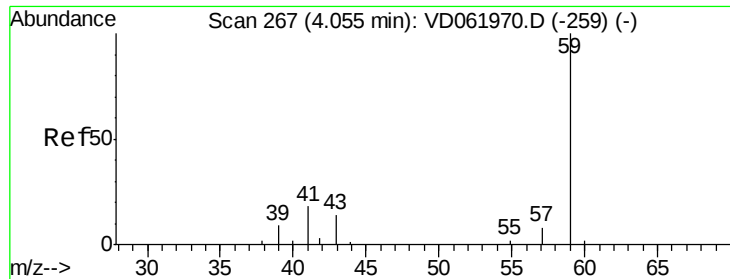


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

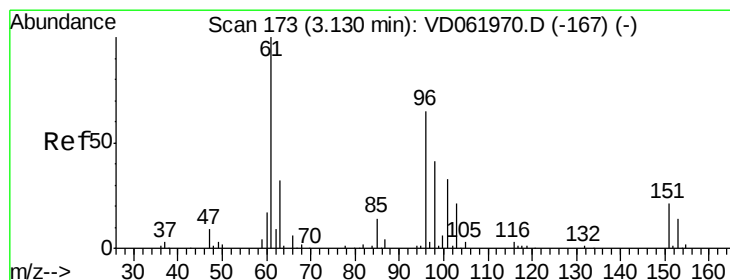
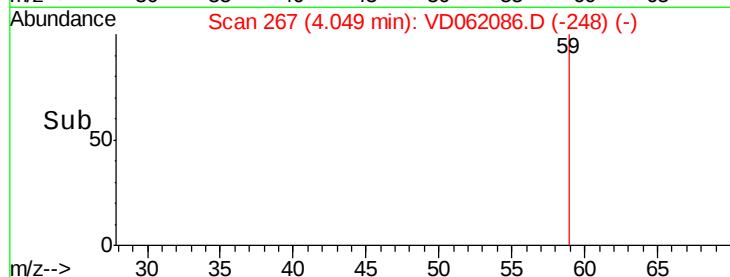
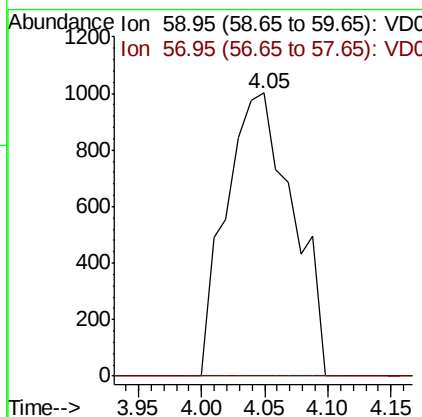
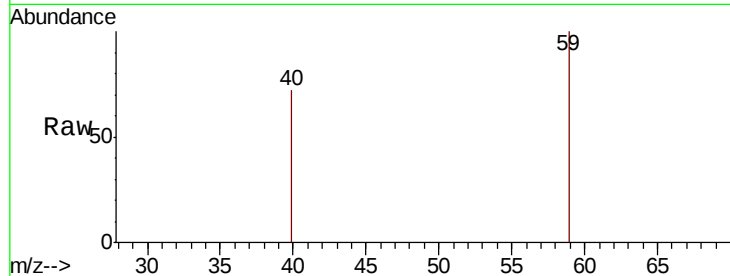
Ion 140.85 (140.55 to 141.55): V





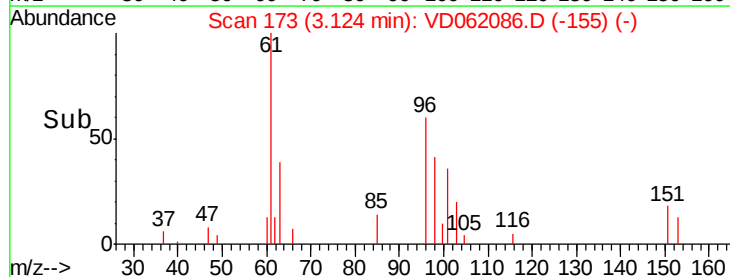
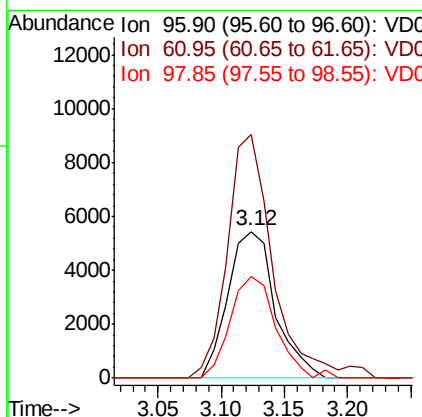
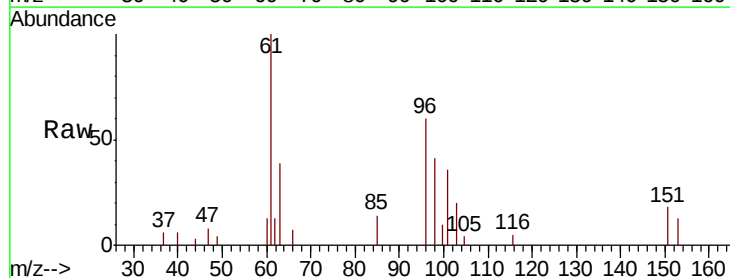
#11
Tert butyl alcohol
Concen: 15.887 ug/l
RT: 4.05 min Scan# 267
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

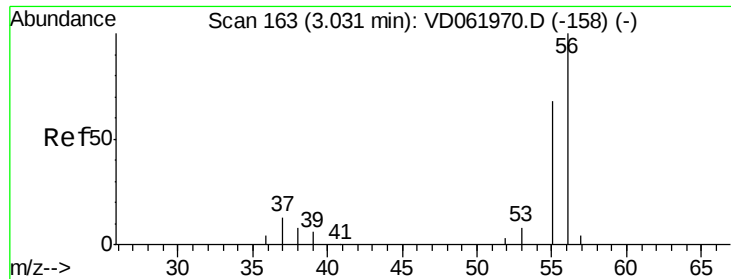
Tot Ion: 59 Resp: 3668
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#12
1,1-Dichloroethene
Concen: 3.305 ug/l
RT: 3.12 min Scan# 173
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion: 96 Resp: 14064
Ion Ratio Lower Upper
96 100
61 166.0 129.8 194.8
98 68.8 51.2 76.8





#13

Acrolein

Concen: 12.845 ug/l

RT: 3.03 min Scan# 164

Delta R.T. -0.01 min

Lab File: VD062086.D

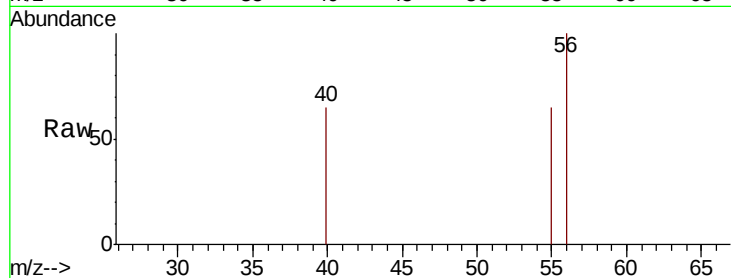
Acq: 30 Apr 2019 14:39

Tot Ion: 56 Resp: 3077

Ion Ratio Lower Upper

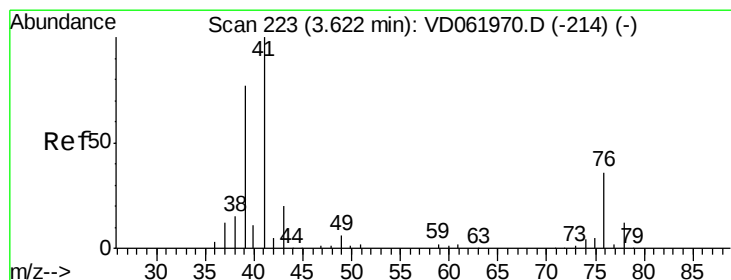
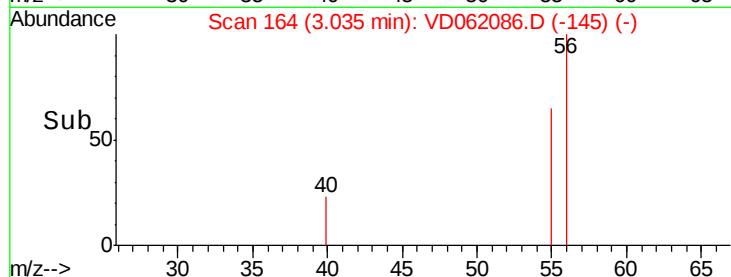
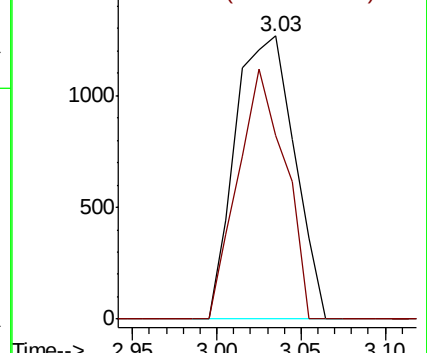
56 100

55 64.6 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 2.683 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.03 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

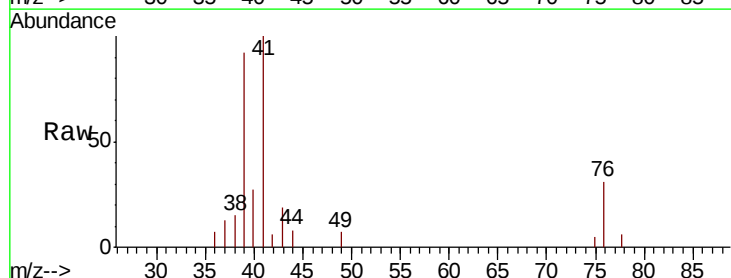
Tgt Ion: 41 Resp: 15592

Ion Ratio Lower Upper

41 100

39 92.2 60.5 90.7#

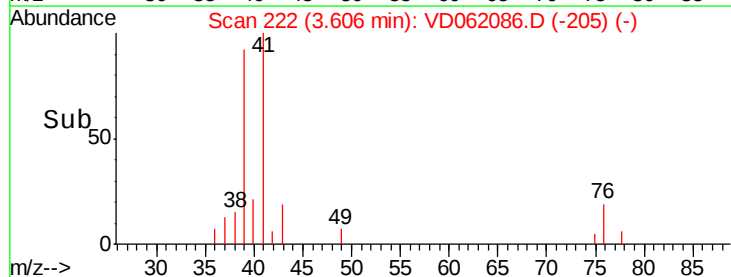
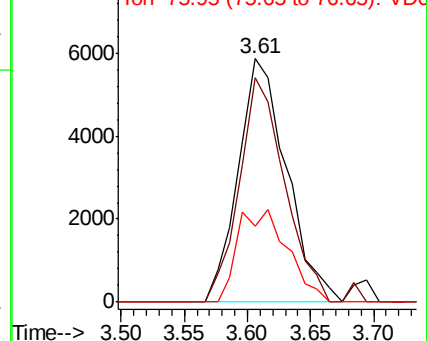
76 31.2 31.8 47.8#

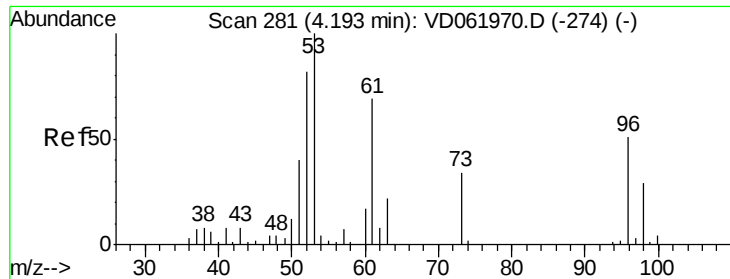


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 14.917 ug/l

RT: 4.18 min Scan# 280

Delta R.T. -0.03 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

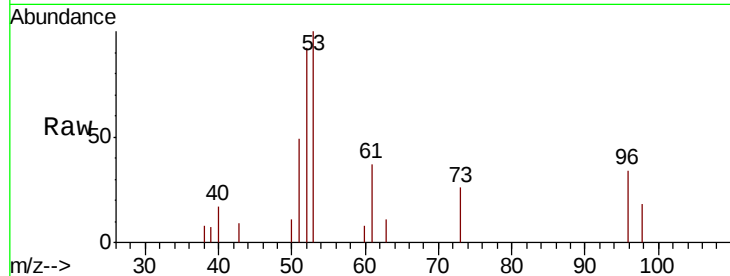
Tot Ion: 53 Resp: 10664

Ion Ratio Lower Upper

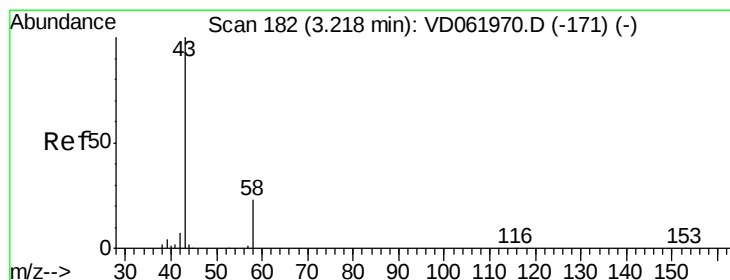
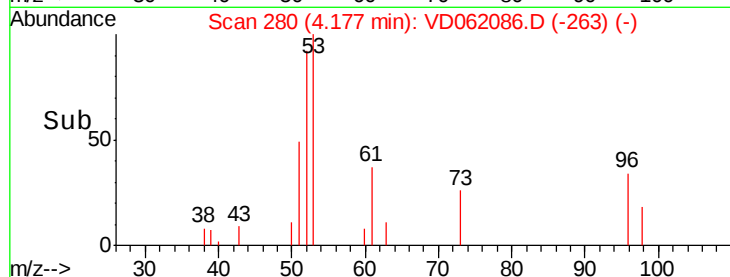
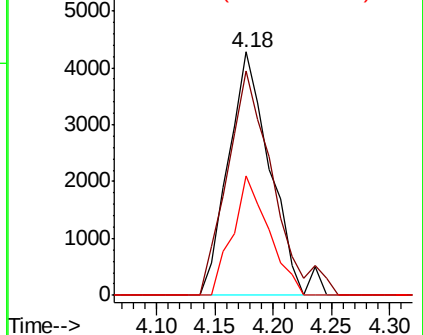
53 100

52 91.9 65.0 97.4

51 49.3 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: 17.271 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062086.D

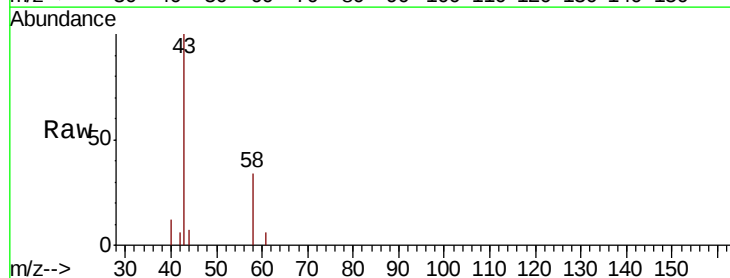
Acq: 30 Apr 2019 14:39

Tgt Ion: 43 Resp: 16851

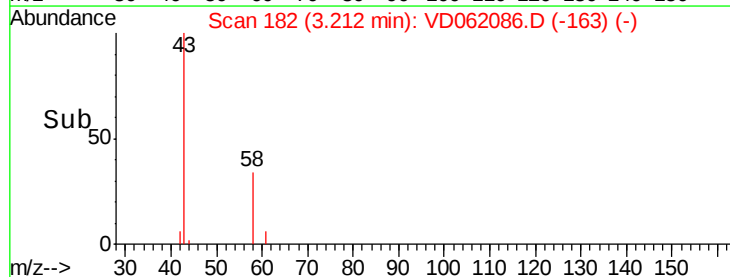
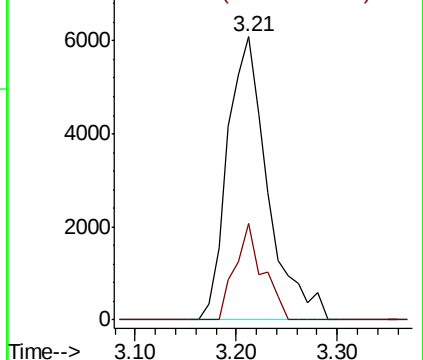
Ion Ratio Lower Upper

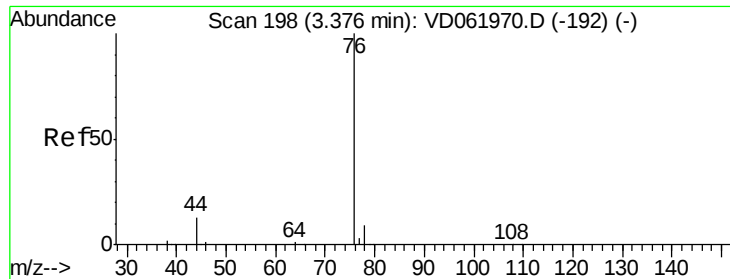
43 100

58 34.0 19.9 29.9#



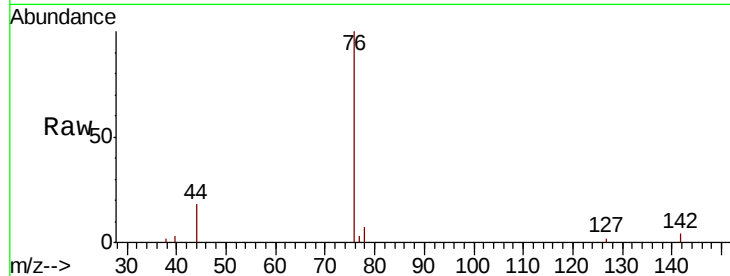
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



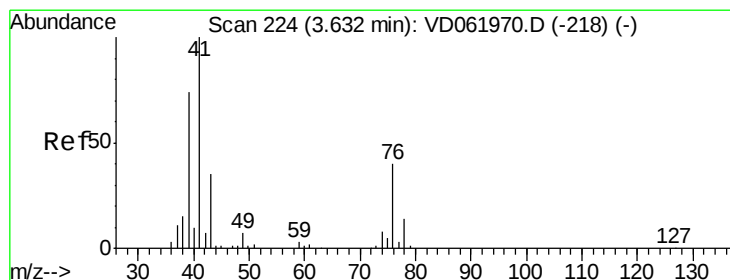
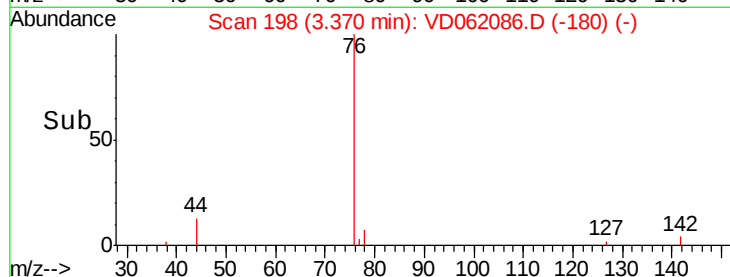
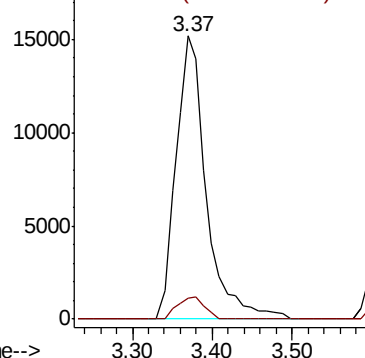


#17
Carbon Disulfide
Concen: 3.293 ug/l
RT: 3.37 min Scan# 198
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion: 76 Resp: 40495
Ion Ratio Lower Upper
76 100
78 7.4 7.2 10.8

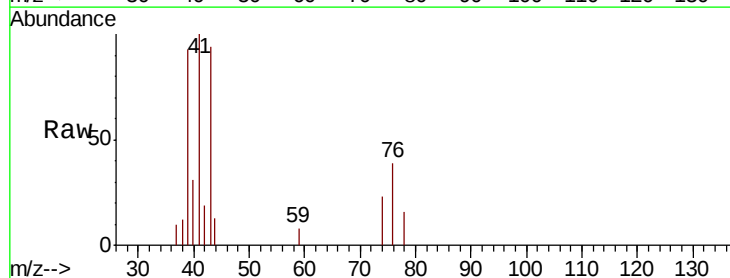


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

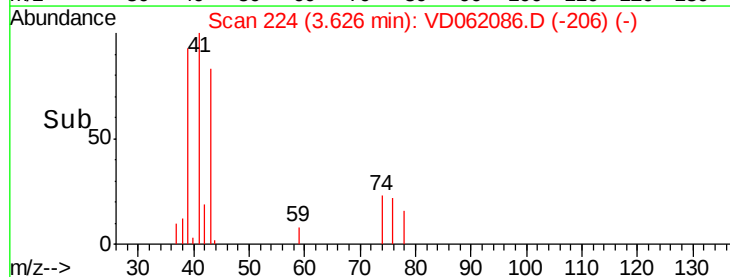
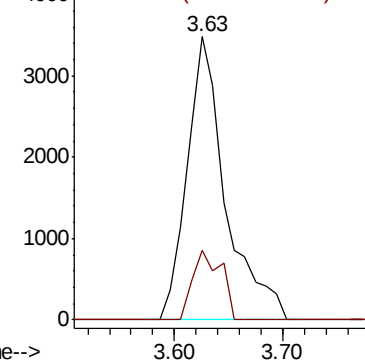


#18
Methyl Acetate
Concen: 2.819 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion: 43 Resp: 8599
Ion Ratio Lower Upper
43 100
74 24.7 18.0 27.0



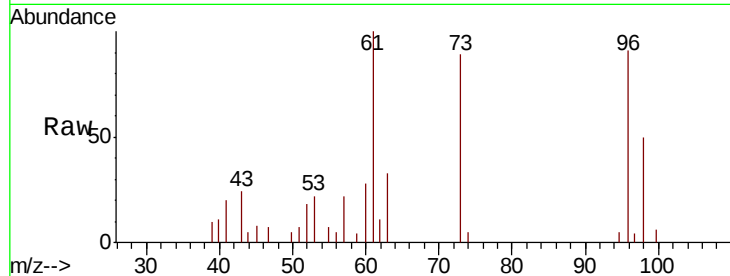
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC



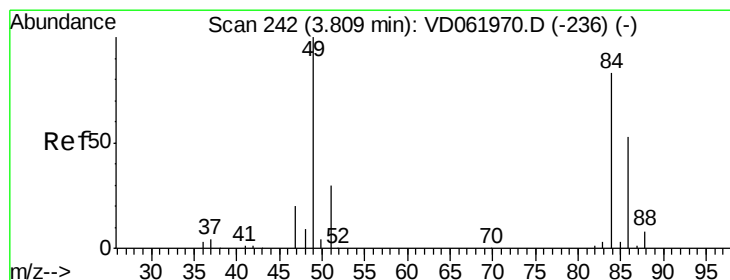
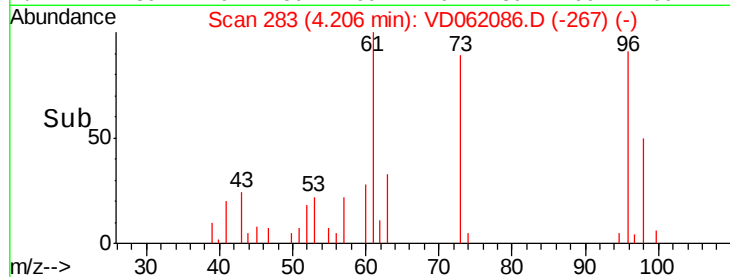
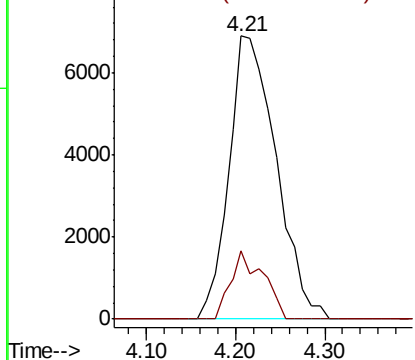


#19
Methvl tert-butvl Ether
Concen: 3.006 ug/l
RT: 4.21 min Scan# 283
Delta R.T. -0.04 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion: 73 Resp: 25383
Ion Ratio Lower Upper
73 100
57 24.2 16.3 24.5

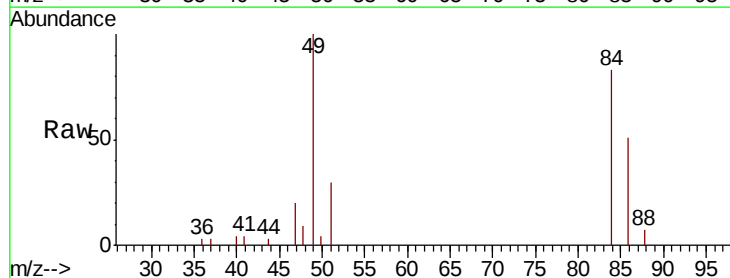


Abundance Ion 73.00 (72.70 to 73.70): VDC
Ion 57.05 (56.75 to 57.75): VDC

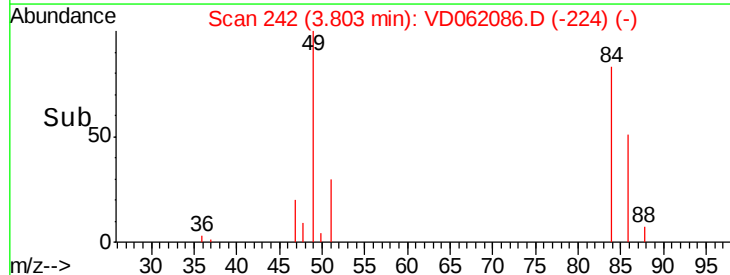
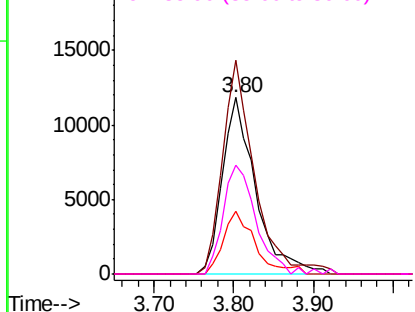


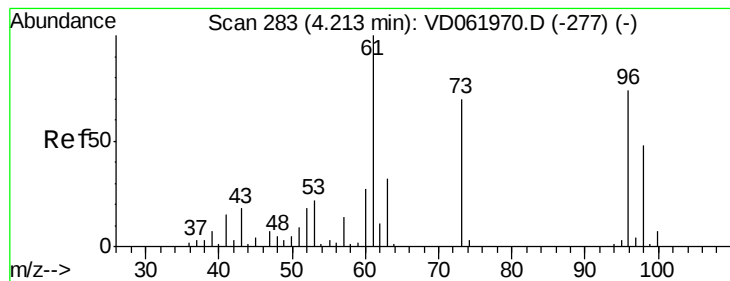
#20
Methylene Chloride
Concen: 4.403 ug/l
RT: 3.80 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion: 84 Resp: 34724
Ion Ratio Lower Upper
84 100
49 121.2 94.0 141.0
51 35.9 29.0 43.4
86 62.0 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: 3.516 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.02 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

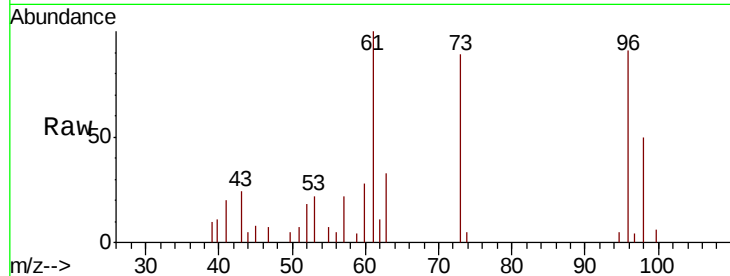
Tot Ion: 96 Resp: 17164

Ion Ratio Lower Upper

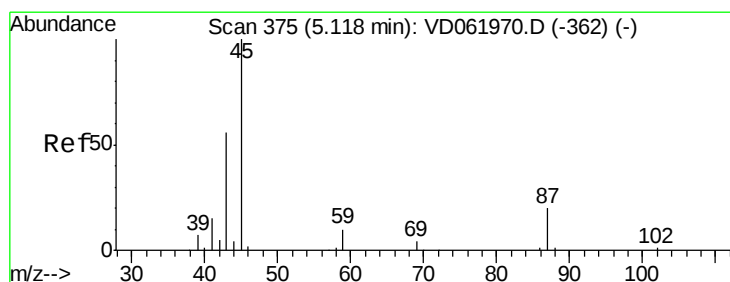
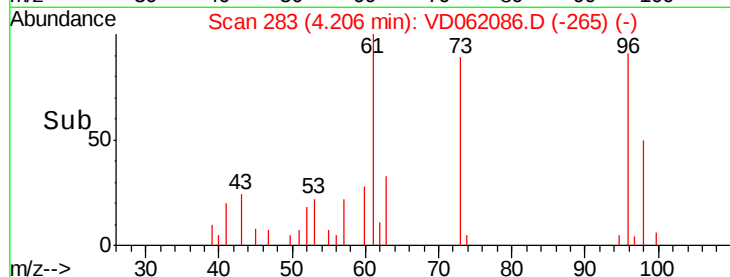
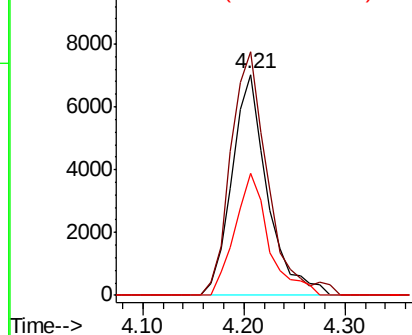
96 100

61 110.1 104.4 156.6

98 55.0 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: 2.735 ug/l

RT: 5.09 min Scan# 373

Delta R.T. -0.03 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

Tgt Ion: 45 Resp: 37103

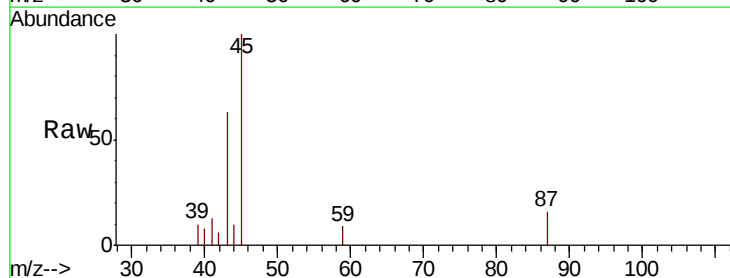
Ion Ratio Lower Upper

45 100

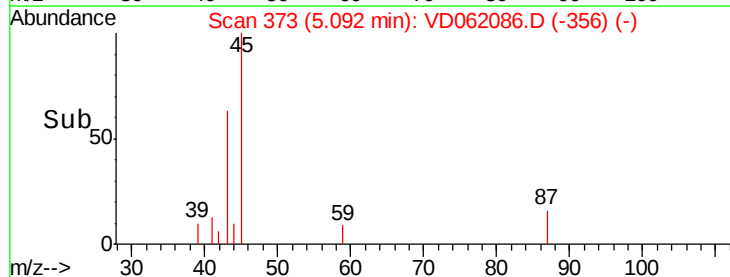
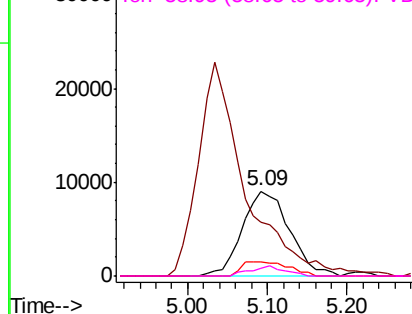
43 63.1 46.2 69.2

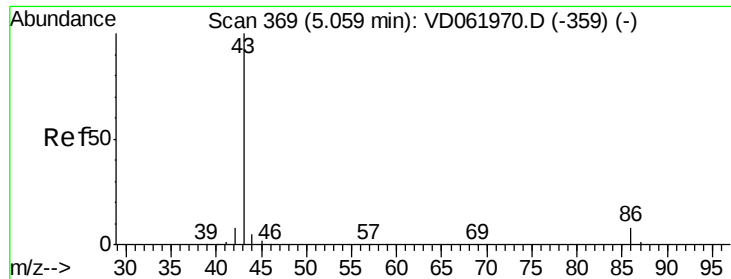
87 16.3 15.9 23.9

59 8.9 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: 13.093 ug/l

RT: 5.03 min Scan# 367

Delta R.T. -0.03 min

Lab File: VD062086.D

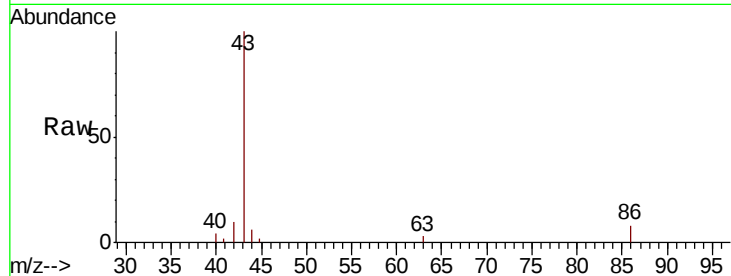
Acq: 30 Apr 2019 14:39

Tot Ion: 43 Resp: 92505

Ion Ratio Lower Upper

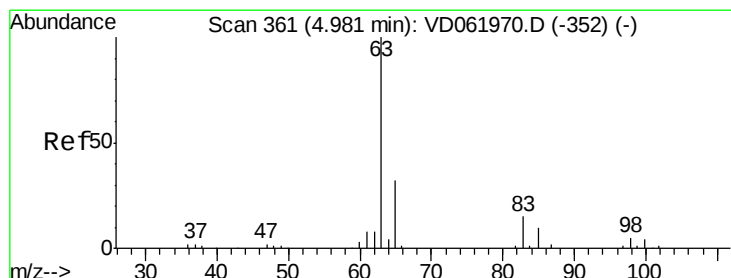
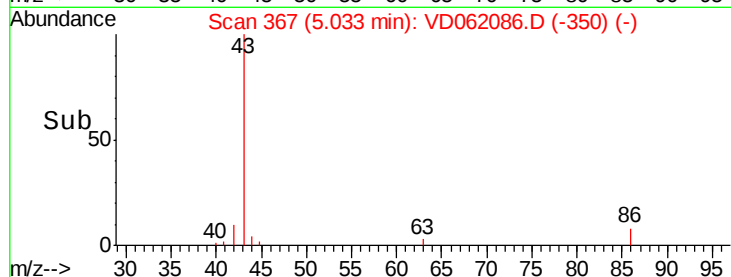
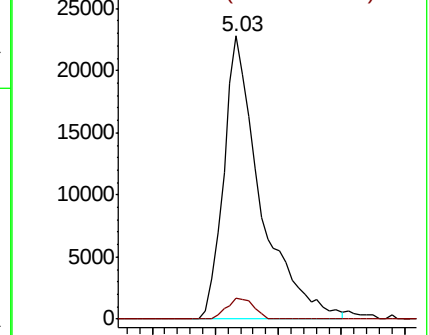
43 100

86 7.6 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 3.074 ug/l

RT: 4.96 min Scan# 360

Delta R.T. -0.03 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

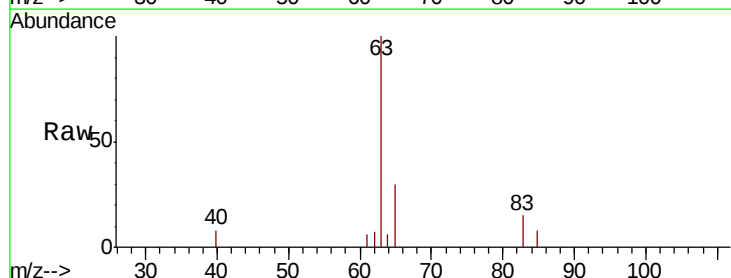
Tgt Ion: 63 Resp: 25204

Ion Ratio Lower Upper

63 100

98 0.0 2.8 8.4#

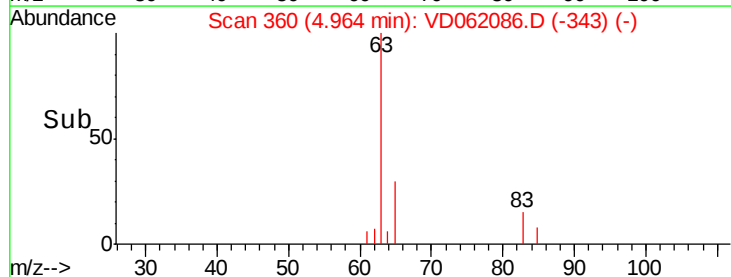
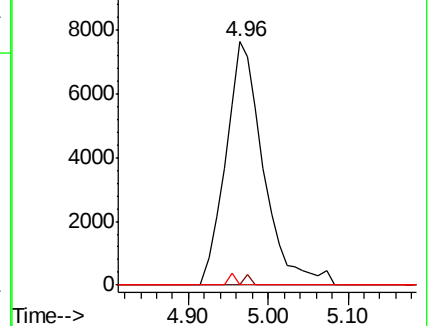
100 0.0 1.8 5.5#

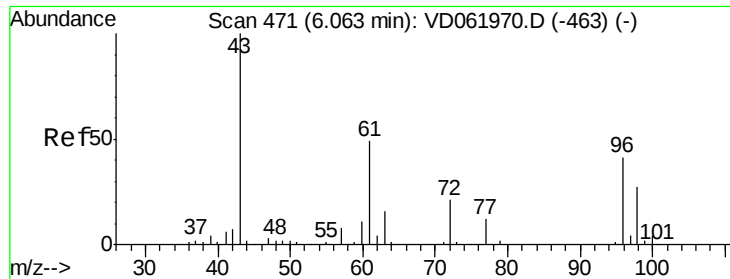


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 14.411 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.03 min

Lab File: VD062086.D

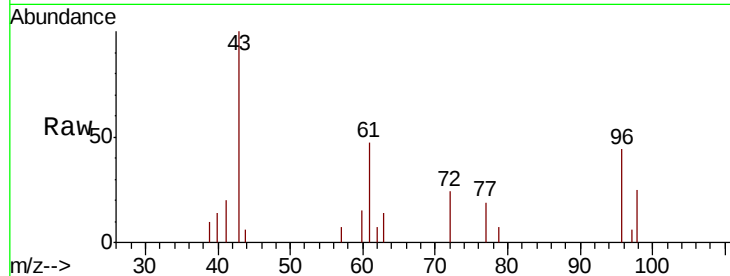
Acq: 30 Apr 2019 14:39

Tot Ion: 43 Resp: 17047

Ion Ratio Lower Upper

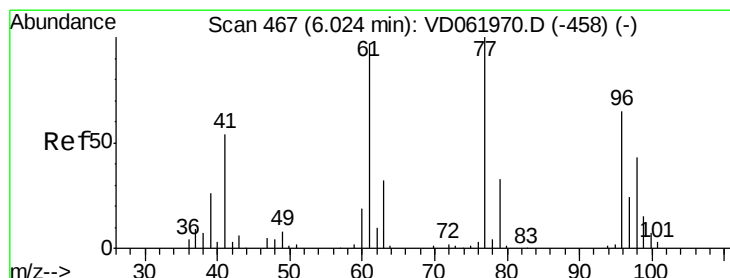
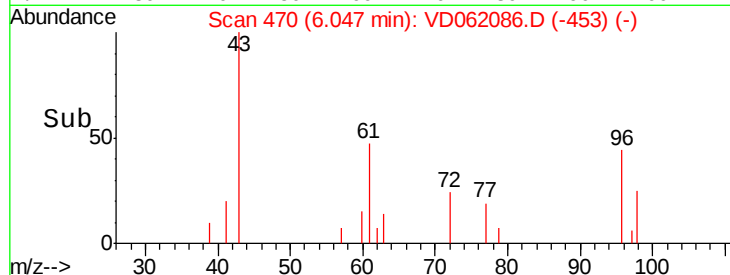
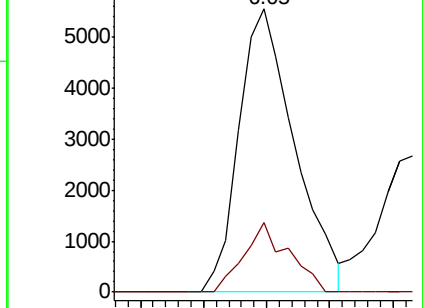
43 100

72 24.4 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: 2.876 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.02 min

Lab File: VD062086.D

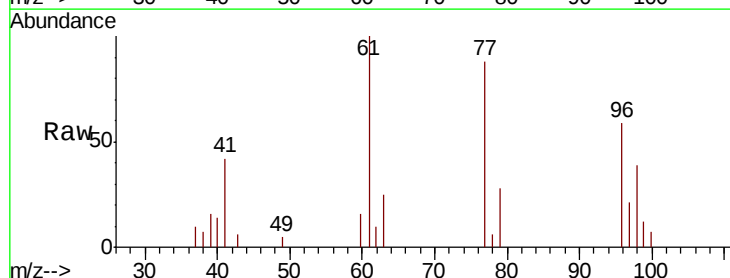
Acq: 30 Apr 2019 14:39

Tgt Ion: 77 Resp: 20577

Ion Ratio Lower Upper

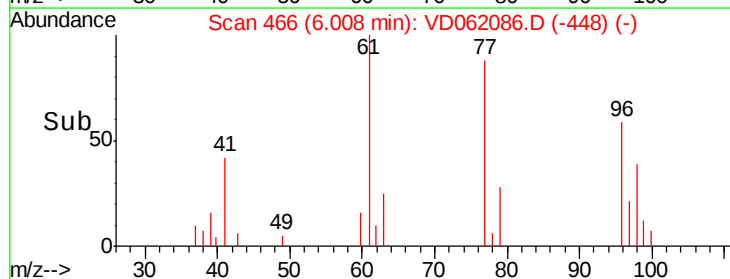
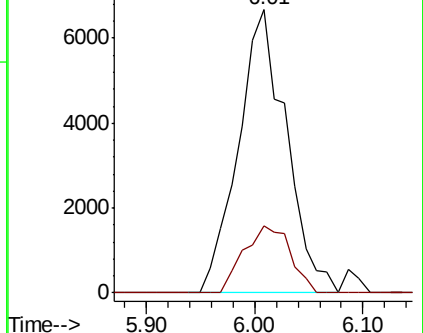
77 100

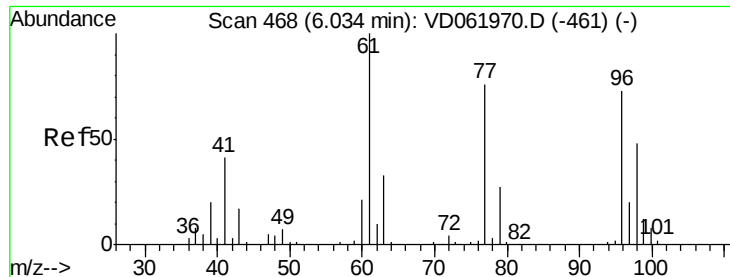
97 23.8 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

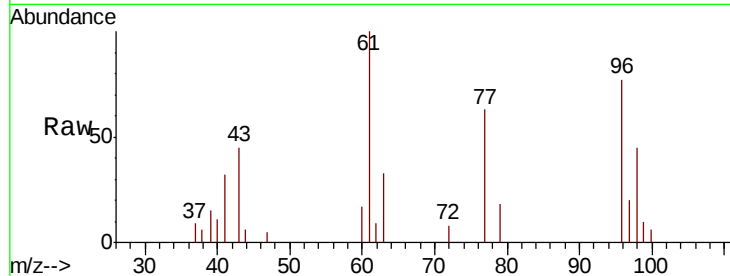




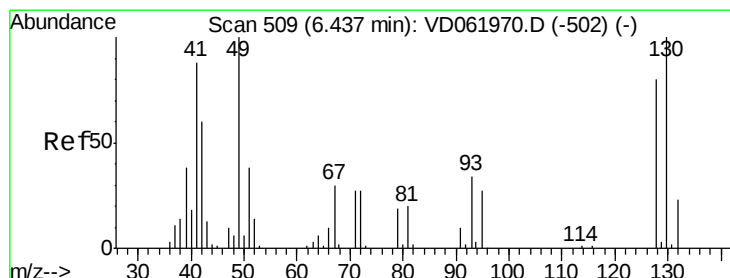
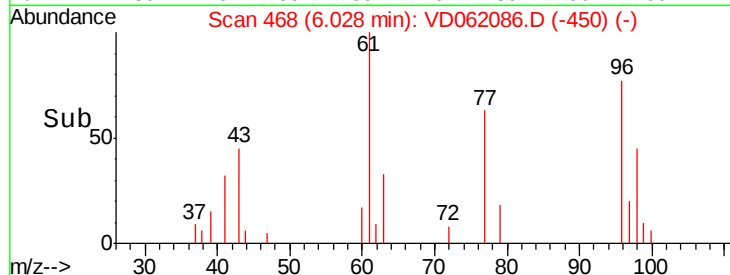
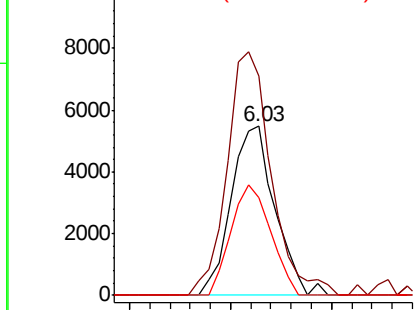
#27

cis-1,2-Dichloroethene
 Concen: 2.978 ug/l
 RT: 6.03 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tot Ion: 96 Resp: 16542
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 279.8
 98 57.9 0.0 136.0



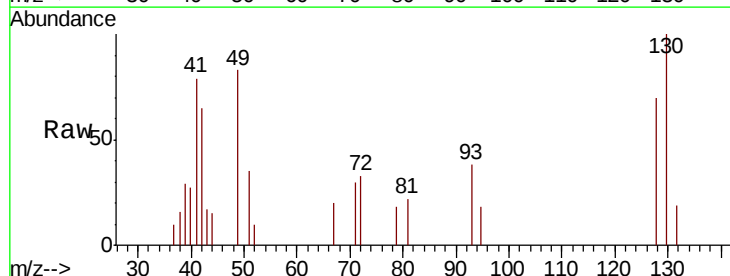
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



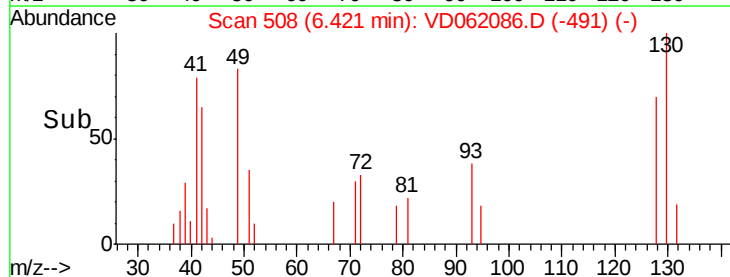
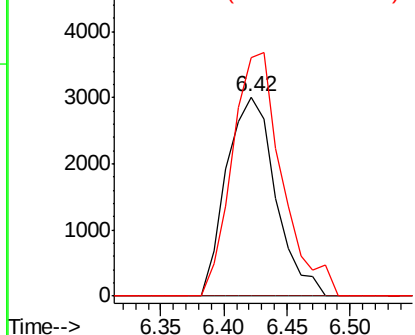
#28

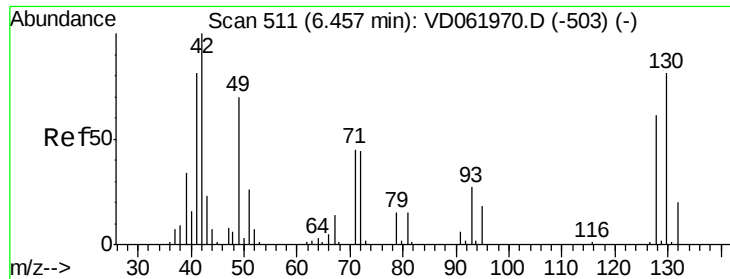
Bromochloromethane
 Concen: 2.591 ug/l
 RT: 6.42 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tgt Ion: 49 Resp: 8130
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.6
 130 120.1 86.7 130.1



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





#29

Tetrahydrofuran

Concen: 13.214 ug/l

RT: 6.43 min Scan# 509

Delta R.T. -0.03 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

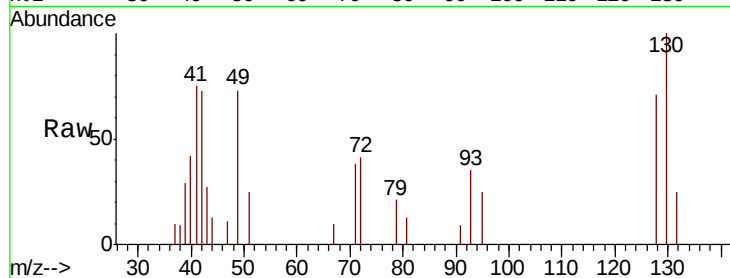
Tot Ion: 42 Resp: 7702

Ion Ratio Lower Upper

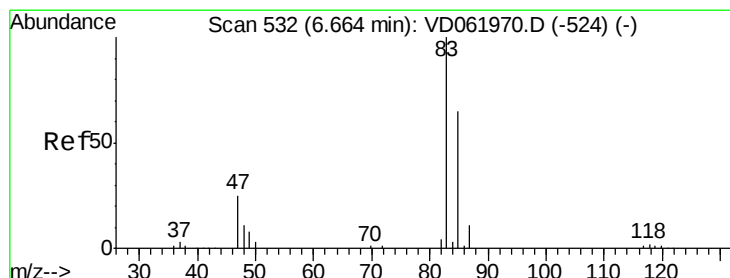
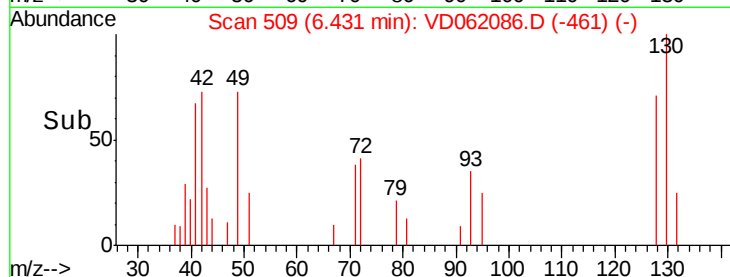
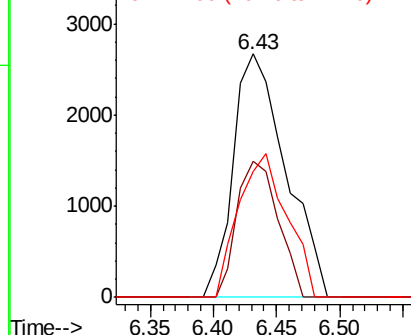
42 100

72 43.8 37.8 56.6

71 54.5 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: 2.908 ug/l

RT: 6.65 min Scan# 531

Delta R.T. -0.03 min

Lab File: VD062086.D

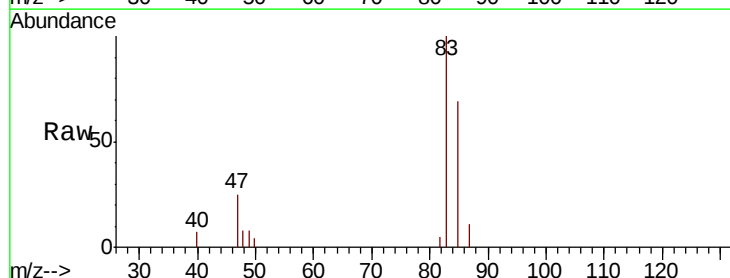
Acq: 30 Apr 2019 14:39

Tgt Ion: 83 Resp: 27082

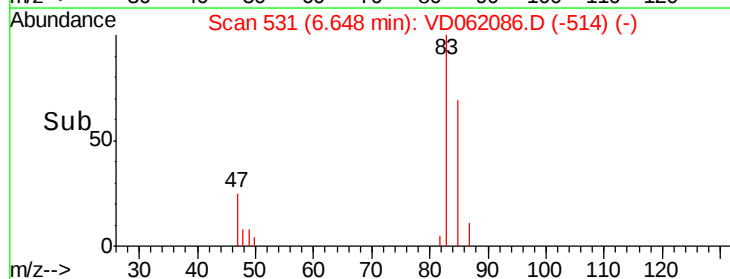
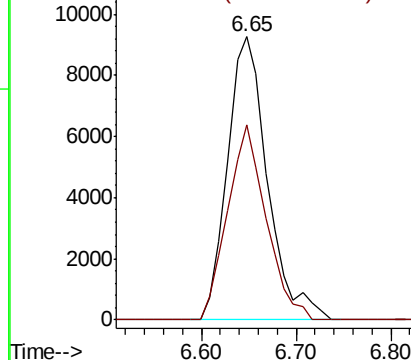
Ion Ratio Lower Upper

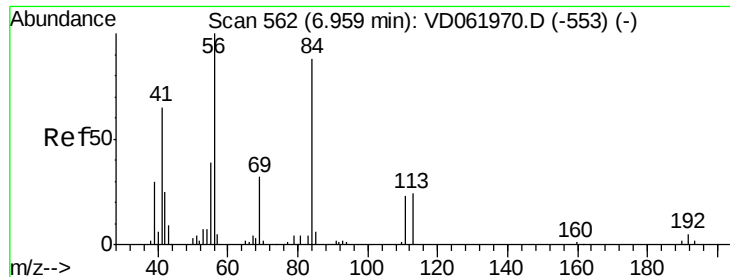
83 100

85 69.1 51.7 77.5



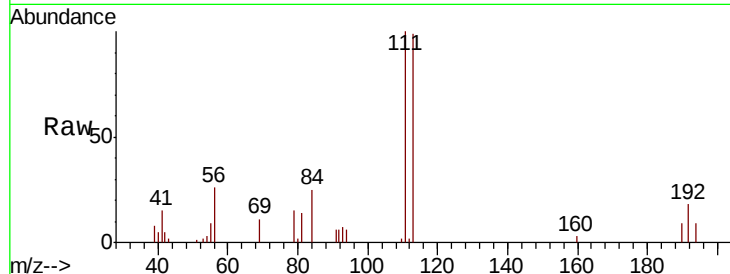
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC



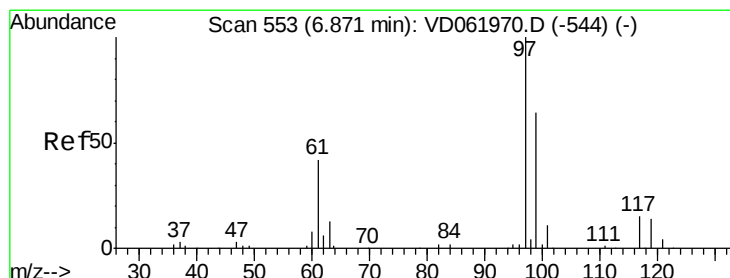
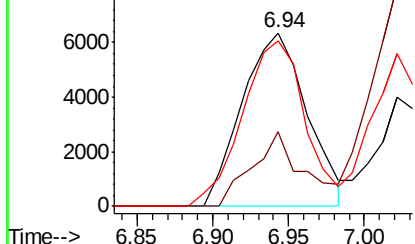
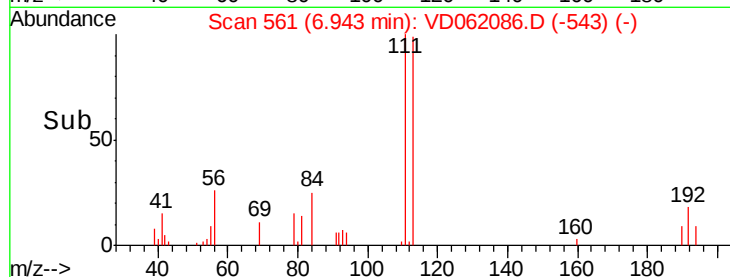


#31
Cyclohexane
Concen: 3.131 ug/l
RT: 6.94 min Scan# 561
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion: 56 Resp: 19059
Ion Ratio Lower Upper
56 100
69 42.7 25.8 38.6#
84 95.6 72.2 108.4

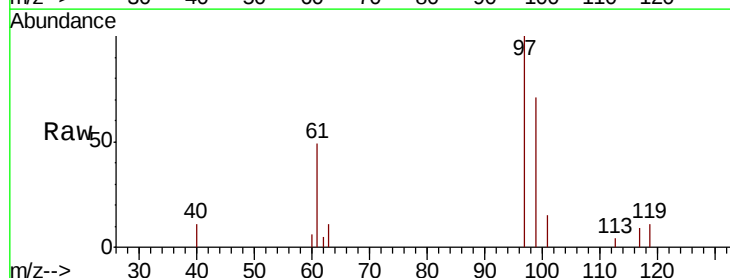


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

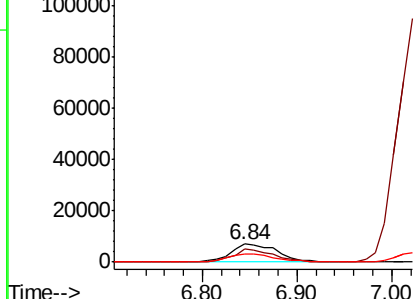
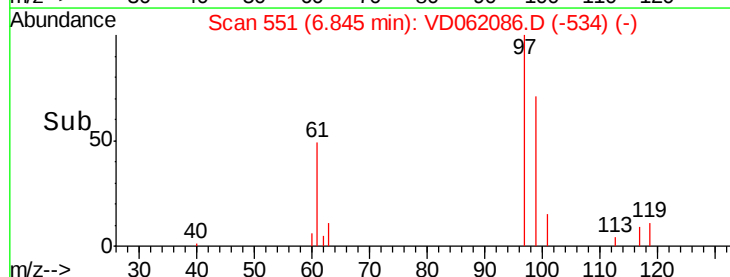


#32
1,1,1-Trichloroethane
Concen: 2.948 ug/l
RT: 6.84 min Scan# 551
Delta R.T. -0.03 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion: 97 Resp: 23892
Ion Ratio Lower Upper
97 100
99 70.9 52.2 78.2
61 48.6 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: 57.392 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD062086.D

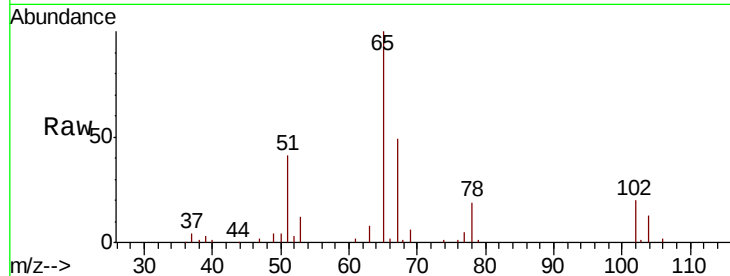
Acq: 30 Apr 2019 14:39

Tot Ion: 65 Resp: 234518

Ion Ratio Lower Upper

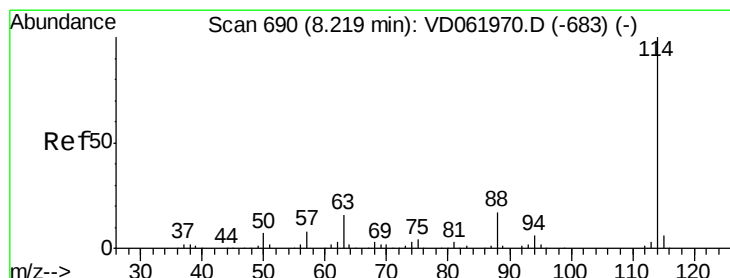
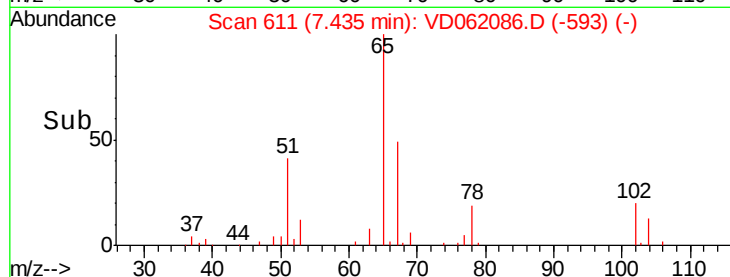
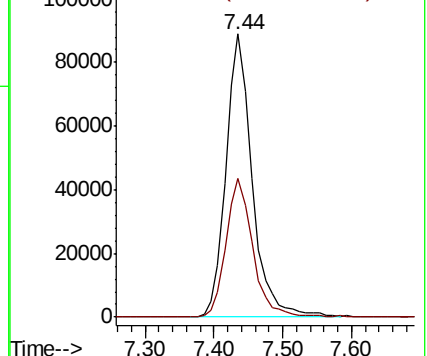
65 100

67 49.1 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: VD062086.D

Acq: 30 Apr 2019 14:39

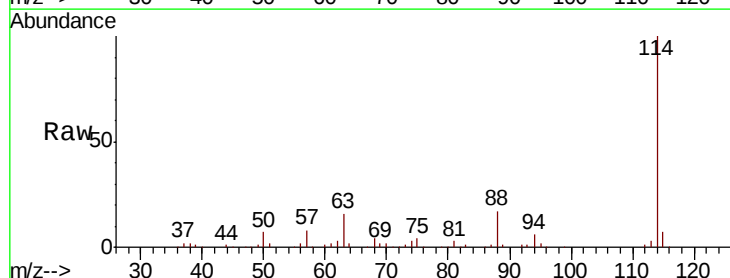
Tgt Ion: 114 Resp: 824474

Ion Ratio Lower Upper

114 100

63 15.9 0.0 32.4

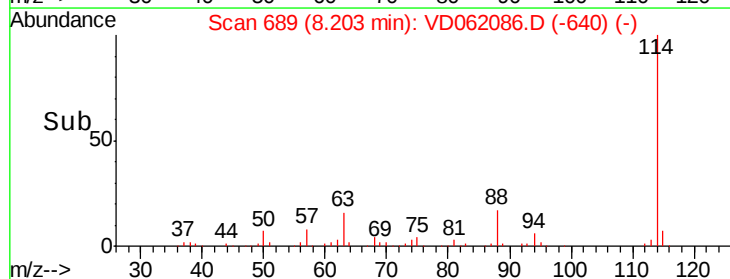
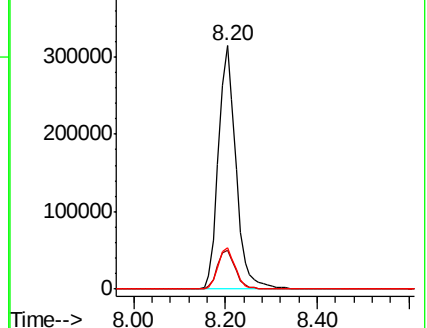
88 16.9 0.0 33.6

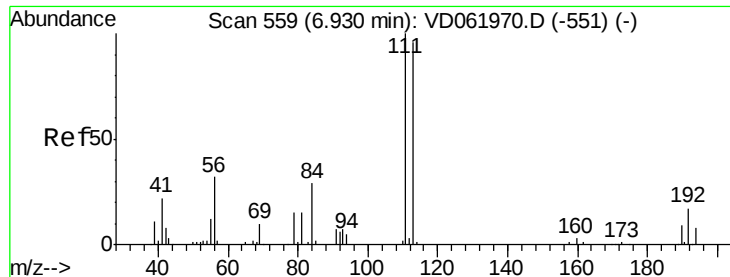


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

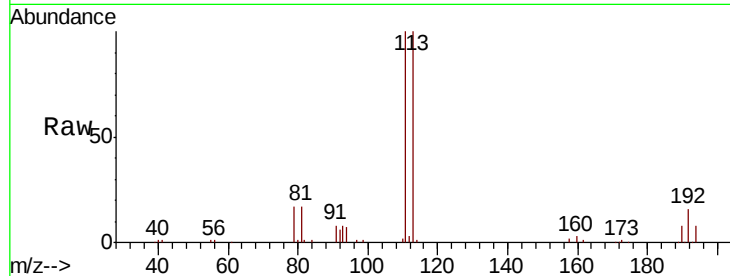
Ion 87.90 (87.60 to 88.60): VDC



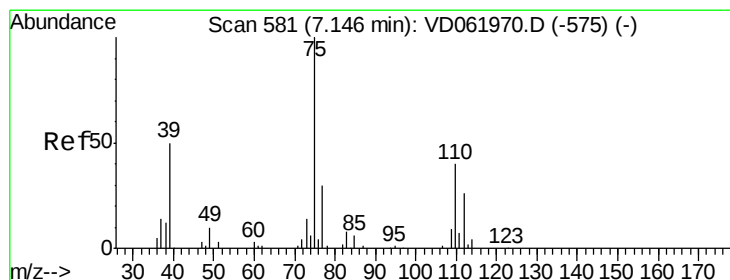
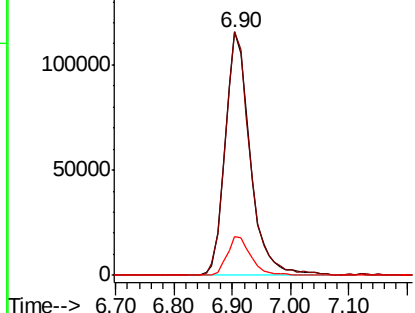
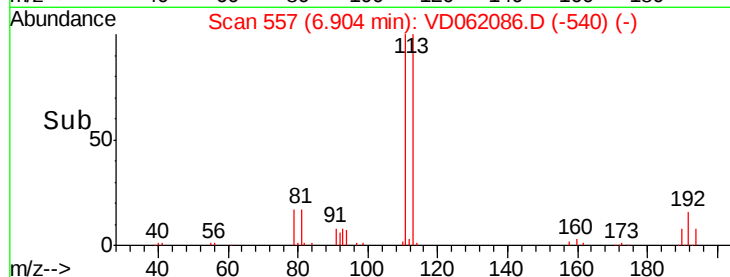


#35
 Dibromofluoromethane
 Concen: 60.329 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.0	78.5	117.7
192	16.0	13.0	19.4

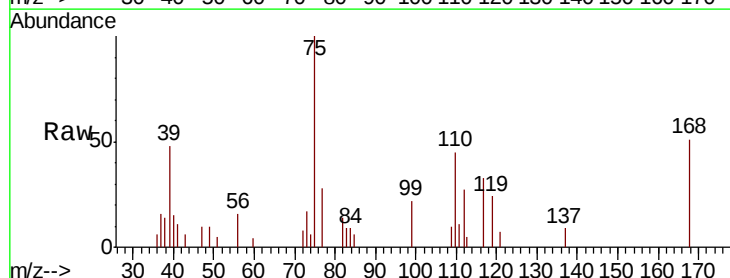


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

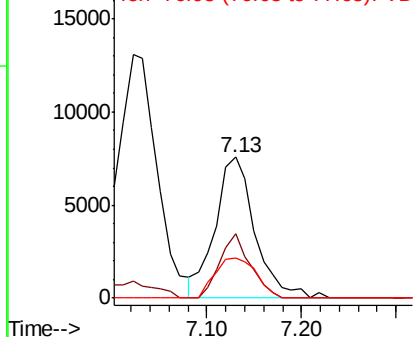
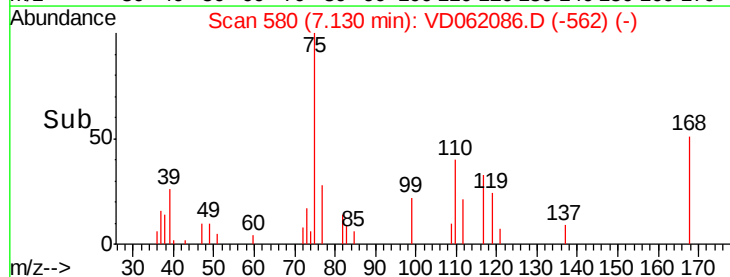


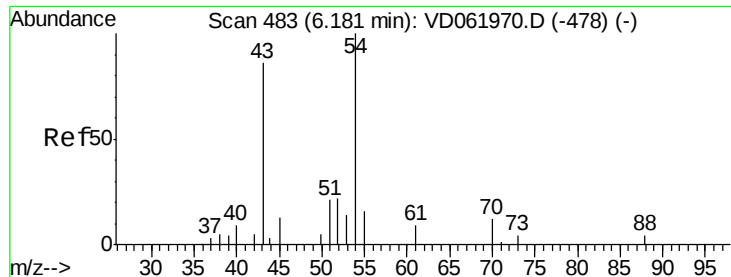
#36
 1,1-Dichloropropene
 Concen: 3.434 ug/l
 RT: 7.13 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	45.3	19.1	57.1
77	28.3	25.6	38.4



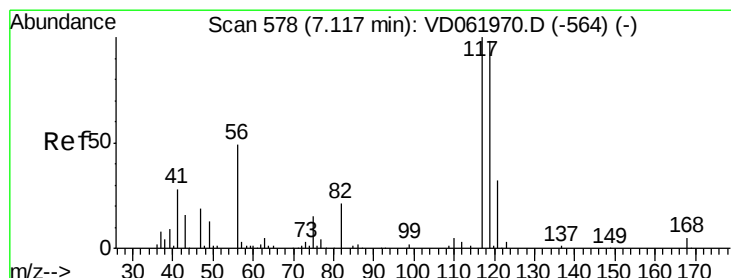
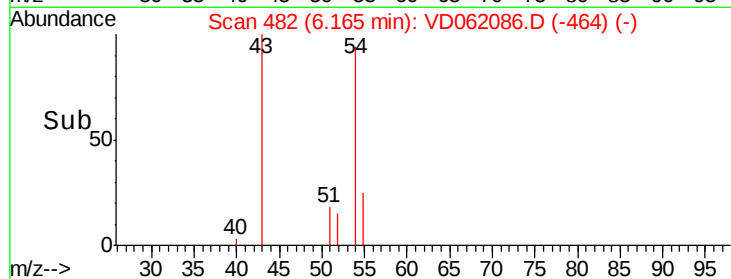
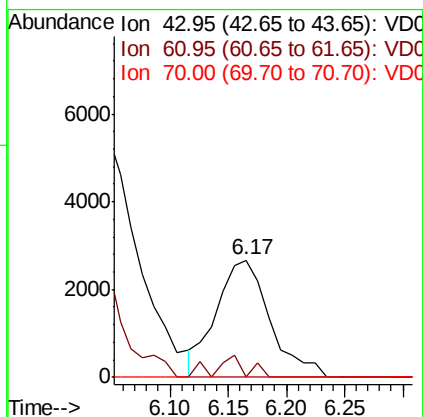
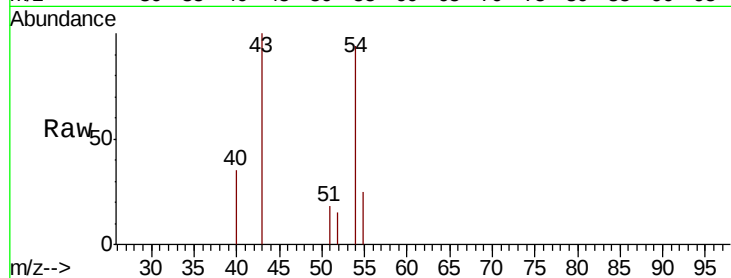
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V





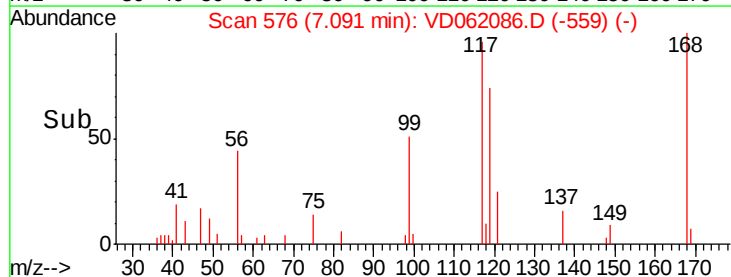
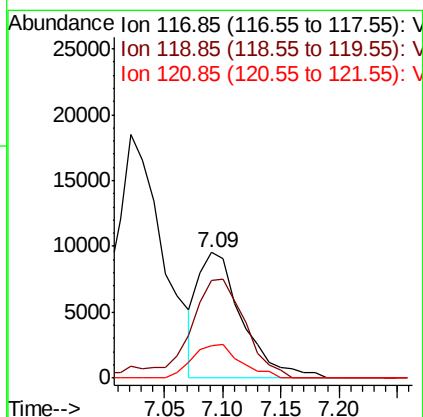
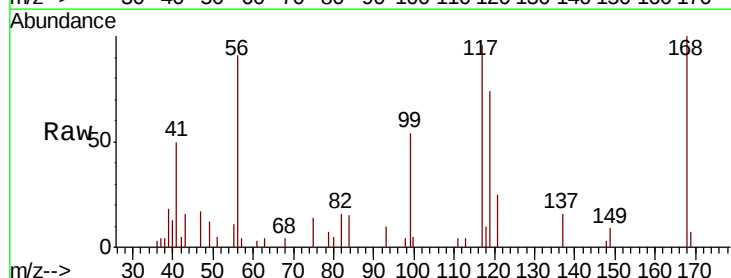
#37
Ethyl Acetate
Concen: 3.137 ug/l
RT: 6.17 min Scan# 482
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

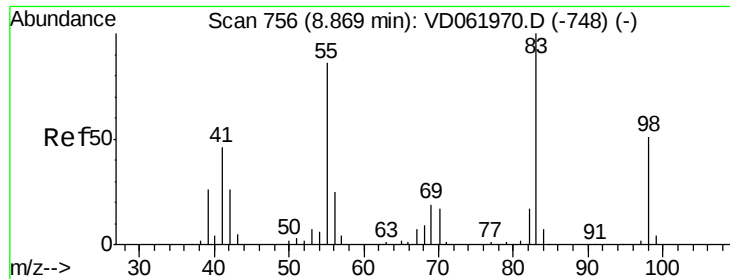
Tot Ion: 43 Resp: 8586
Ion Ratio Lower Upper
43 100
61 0.0 14.7 22.1#
70 0.0 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 3.060 ug/l
RT: 7.09 min Scan# 576
Delta R.T. -0.03 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

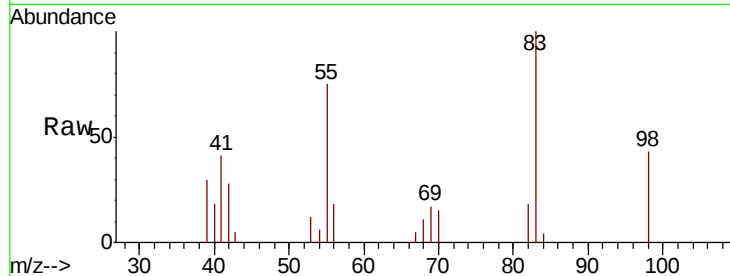
Tgt Ion: 117 Resp: 24911
Ion Ratio Lower Upper
117 100
119 77.7 75.8 113.8
121 25.9 25.9 38.9



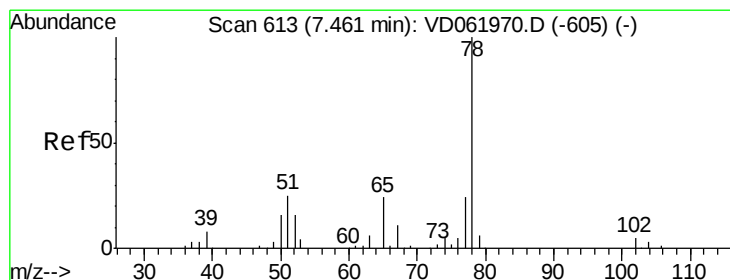
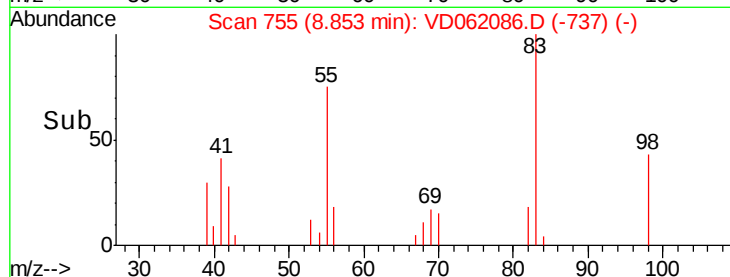
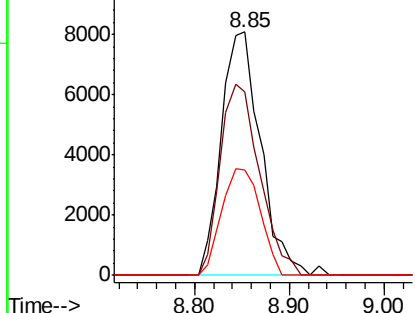


#39
Methvlcvclohexane
Concen: 3.688 ug/l
RT: 8.85 min Scan# 755
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion: 83 Resp: 23376
Ion Ratio Lower Upper
83 100
55 75.2 68.2 102.4
98 43.1 38.2 57.4

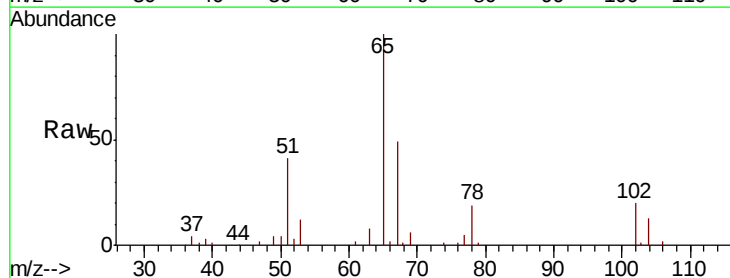


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

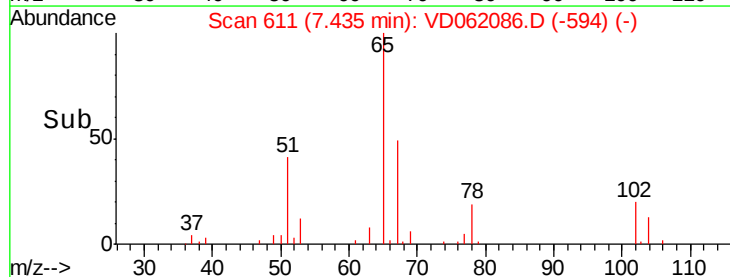
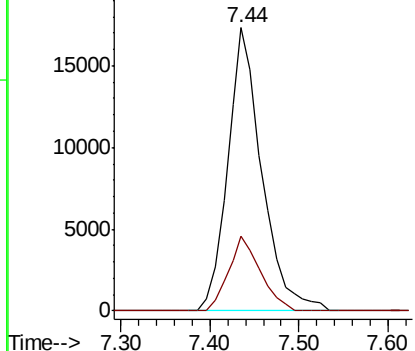


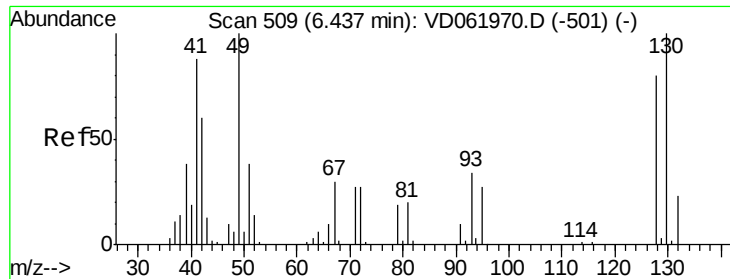
#40
Benzene
Concen: 2.902 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion: 78 Resp: 46148
Ion Ratio Lower Upper
78 100
77 26.6 19.7 29.5



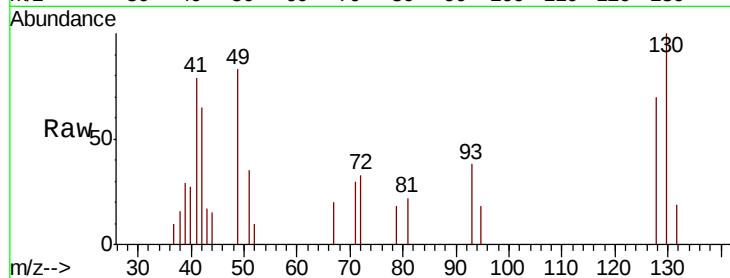
Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC



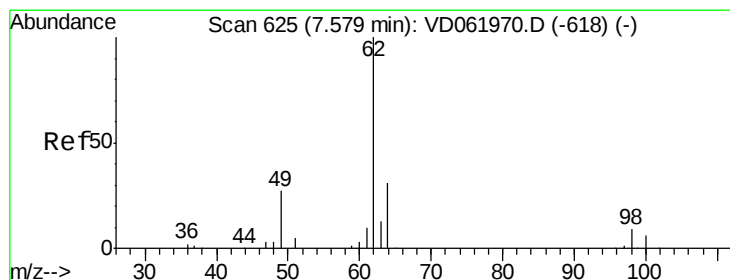
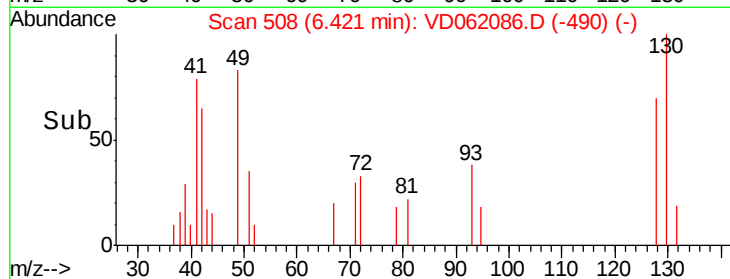
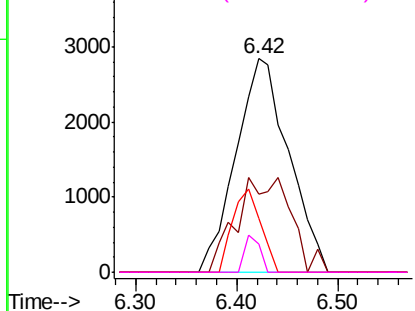


#41
Methacrylonitrile
Concen: 3.241 ug/l
RT: 6.42 min Scan# 508
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion:	41	Resp:	10350
Ion	Ratio	Lower	Upper
41	100		
39	36.6	34.1	51.1
67	25.0	23.8	35.6
52	13.1	8.8	13.2

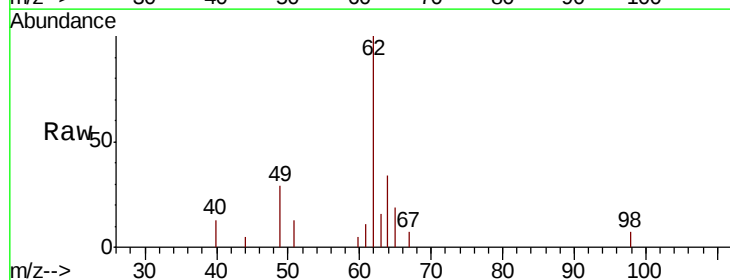


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

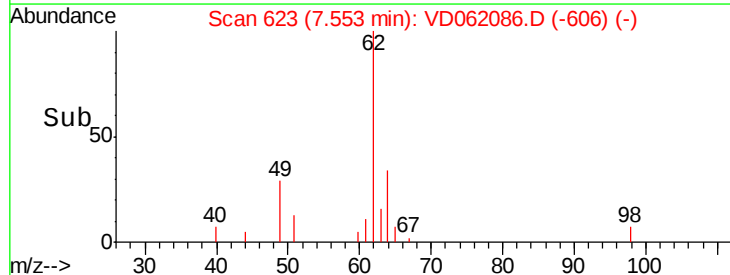
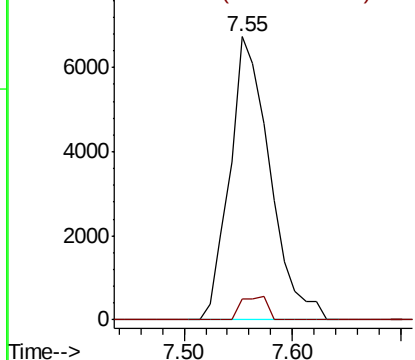


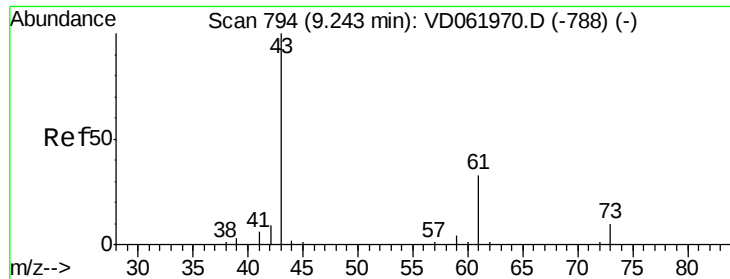
#42
1,2-Dichloroethane
Concen: 3.218 ug/l
RT: 7.55 min Scan# 623
Delta R.T. -0.03 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion:	62	Resp:	17378
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 3.081 ug/l

RT: 9.22 min Scan# 792

Delta R.T. -0.03 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

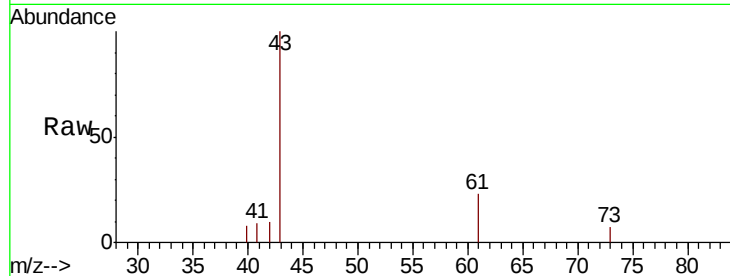
Tot Ion: 43 Resp: 12322

Ion Ratio Lower Upper

43 100

61 22.8 25.1 37.7#

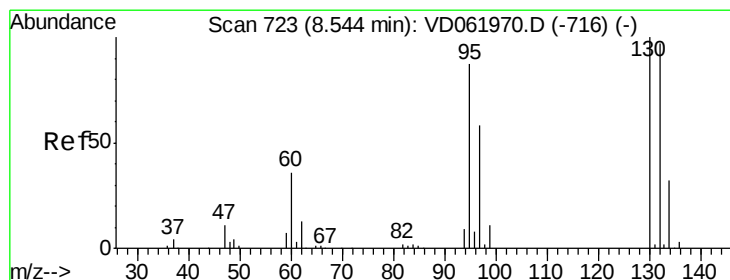
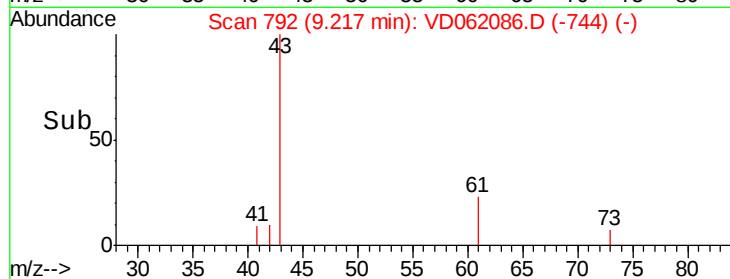
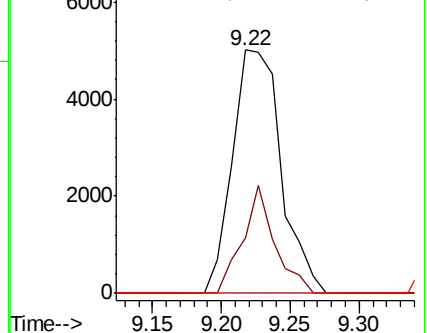
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 3.174 ug/l

RT: 8.53 min Scan# 722

Delta R.T. -0.02 min

Lab File: VD062086.D

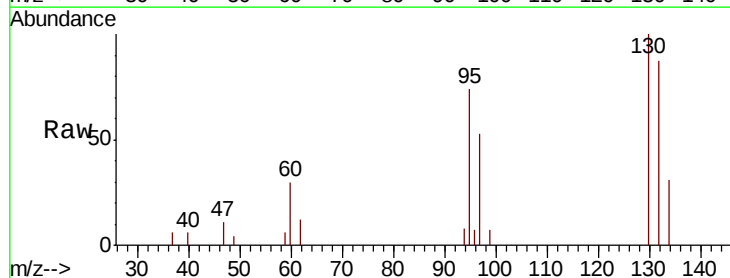
Acq: 30 Apr 2019 14:39

Tgt Ion: 130 Resp: 19568

Ion Ratio Lower Upper

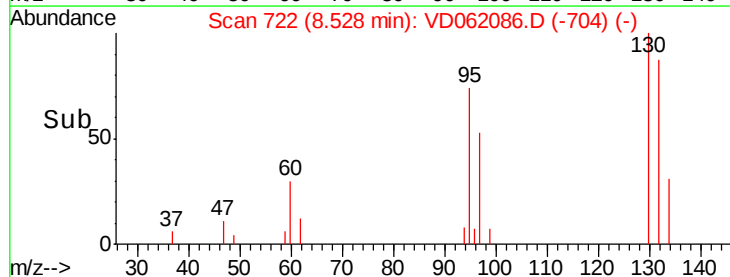
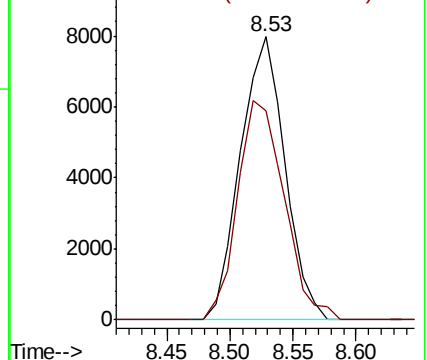
130 100

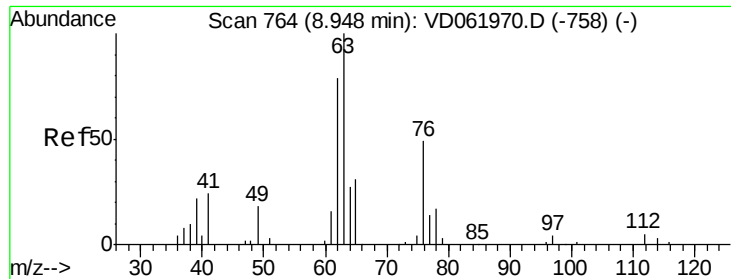
95 74.1 0.0 174.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 2.845 ug/l

RT: 8.92 min Scan# 762

Delta R.T. -0.02 min

Lab File: VD062086.D

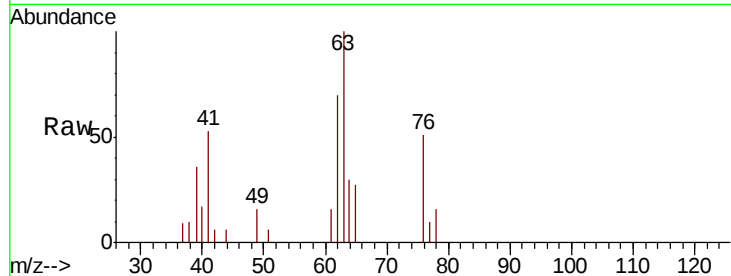
Acq: 30 Apr 2019 14:39

Tot Ion: 63 Resp: 11479

Ion Ratio Lower Upper

63 100

65 26.9 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.92

5000

4000

3000

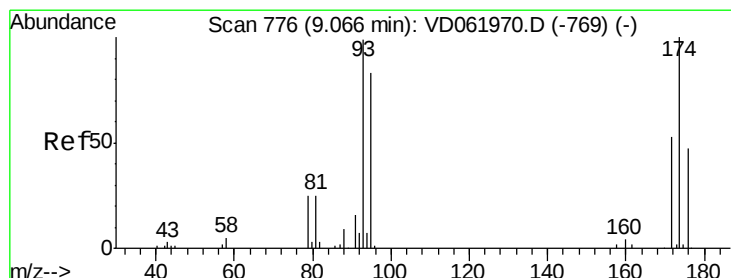
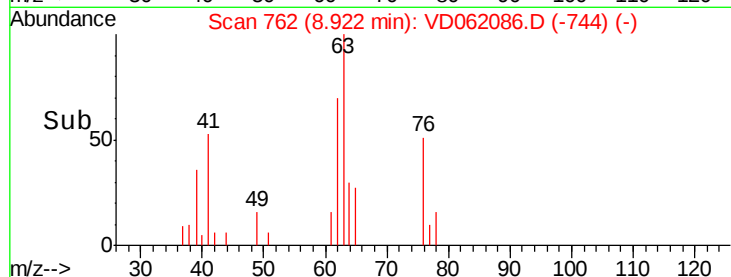
2000

1000

0

8.85 8.90 8.95 9.00

Time-->



#46

Dibromomethane

Concen: 2.787 ug/l

RT: 9.05 min Scan# 775

Delta R.T. -0.02 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

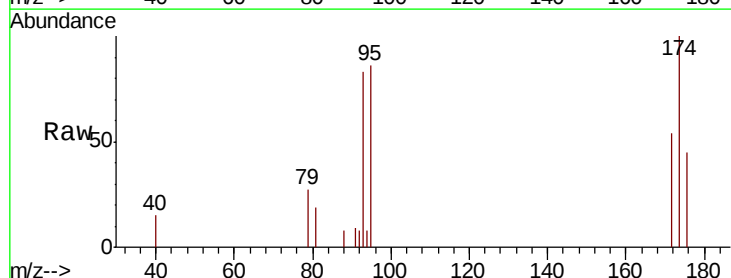
Tgt Ion: 93 Resp: 8091

Ion Ratio Lower Upper

93 100

95 103.9 64.8 97.2#

174 121.2 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

5000

4000

3000

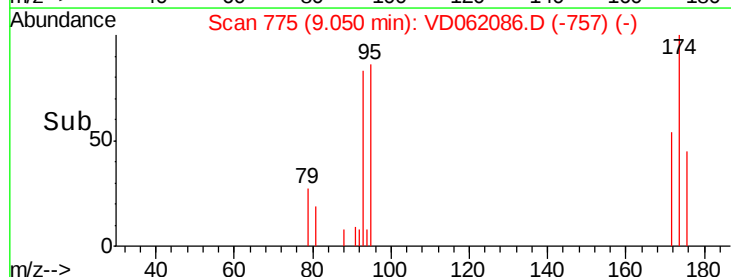
2000

1000

0

8.95 9.00 9.05 9.10

Time-->





#47

Bromodichloromethane

Concen: 3.029 ug/l

RT: 9.36 min Scan# 807

Delta R.T. -0.02 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

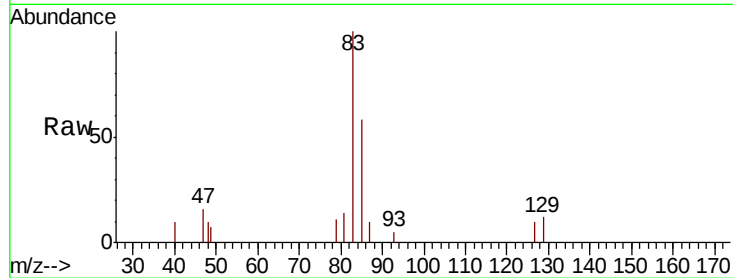
Tot Ion: 83 Resp: 20774

Ion Ratio Lower Upper

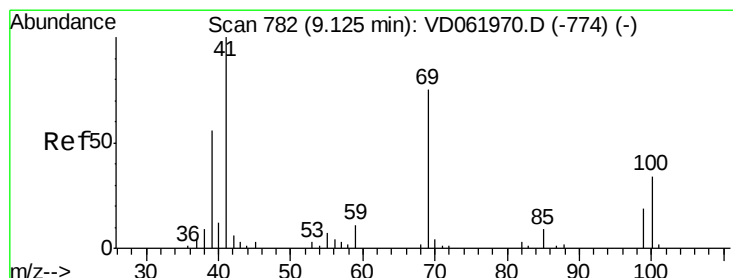
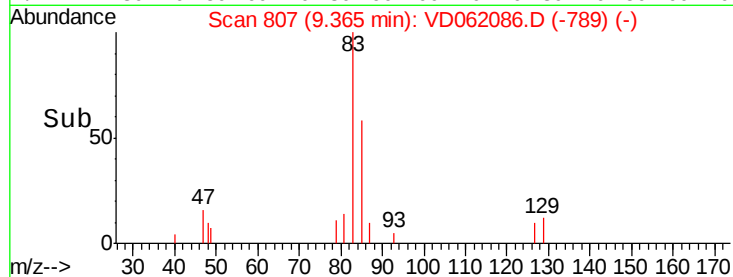
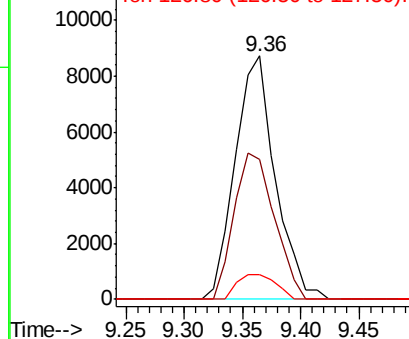
83 100

85 57.6 50.9 76.3

127 10.2 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: 2.908 ug/l

RT: 9.11 min Scan# 781

Delta R.T. -0.02 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

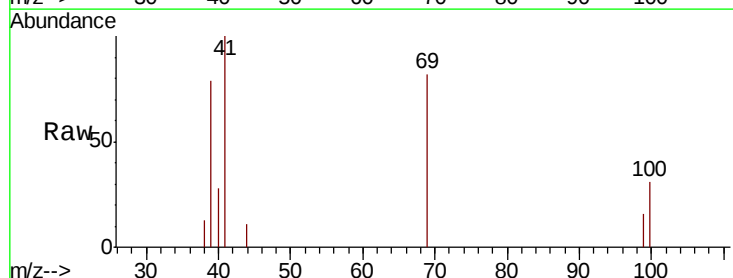
Tgt Ion: 41 Resp: 6637

Ion Ratio Lower Upper

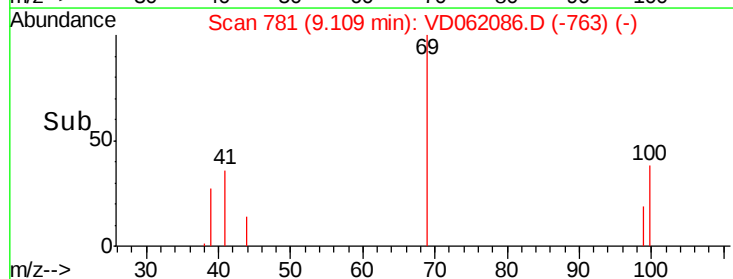
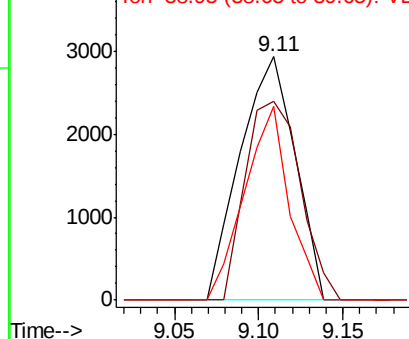
41 100

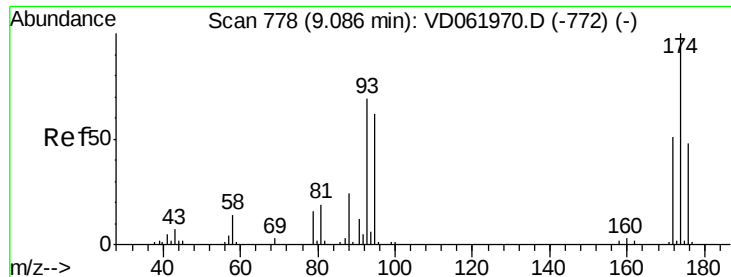
69 81.5 64.2 96.2

39 79.4 46.8 70.2#



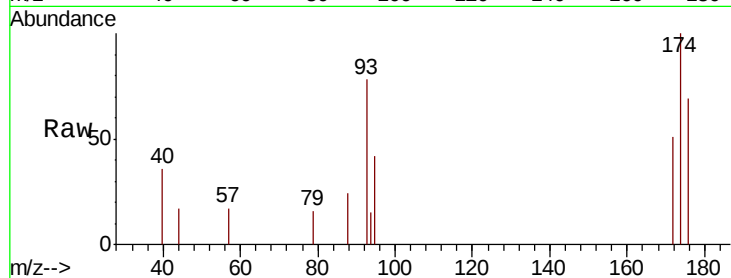
Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC



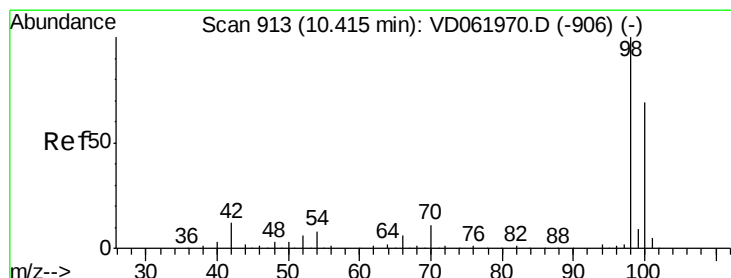
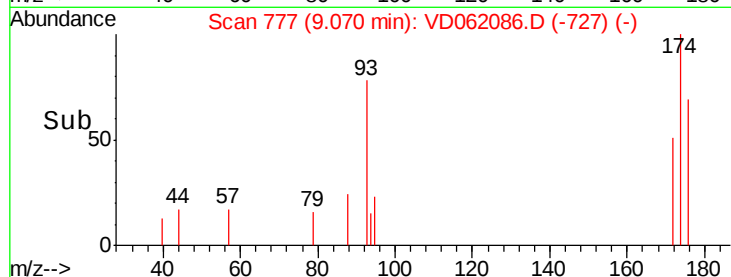
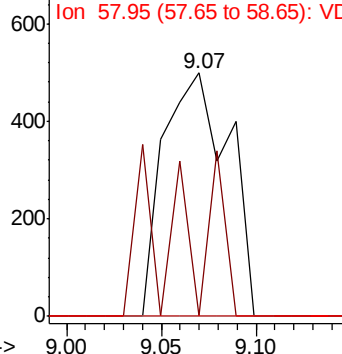


#49
1,4-Dioxane
Concen: 48.491 ug/l
RT: 9.07 min Scan# 777
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion: 88 Resp: 1193
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.0#
58 0.0 44.0 66.0#

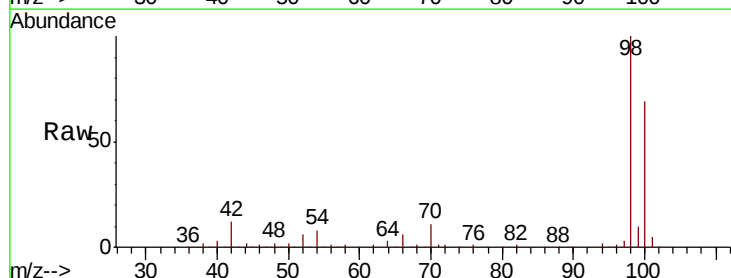


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

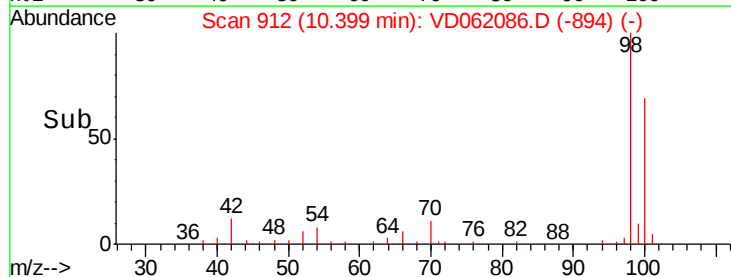
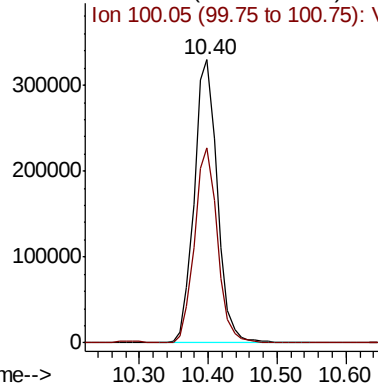


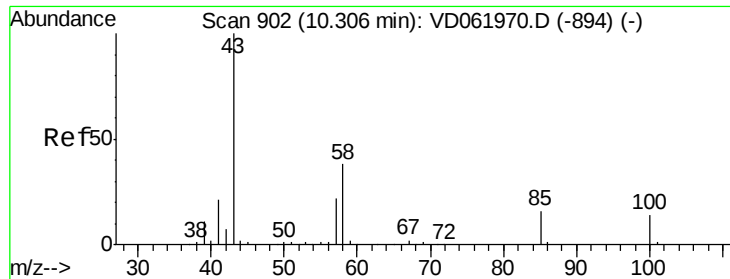
#50
Toluene-d8
Concen: 56.561 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion: 98 Resp: 767420
Ion Ratio Lower Upper
98 100
100 68.9 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: 17.322 ug/l

RT: 10.28 min Scan# 900

Delta R.T. -0.02 min

Lab File: VD062086.D

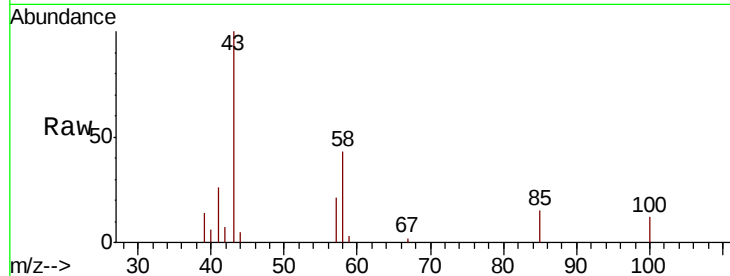
Acq: 30 Apr 2019 14:39

Tot Ion: 43 Resp: 42370

Ion Ratio Lower Upper

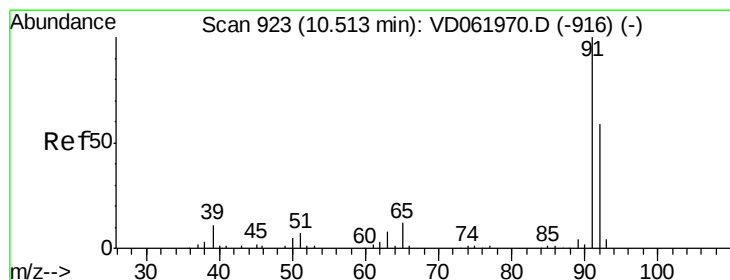
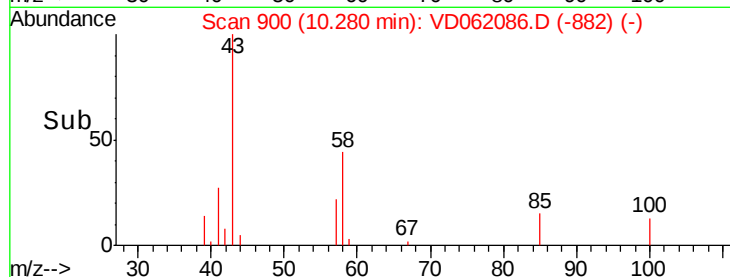
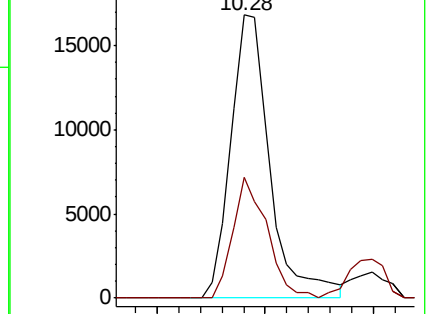
43 100

58 42.7 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: 3.315 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.02 min

Lab File: VD062086.D

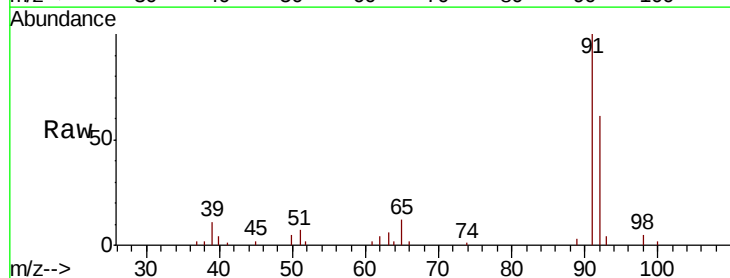
Acq: 30 Apr 2019 14:39

Tgt Ion: 92 Resp: 33610

Ion Ratio Lower Upper

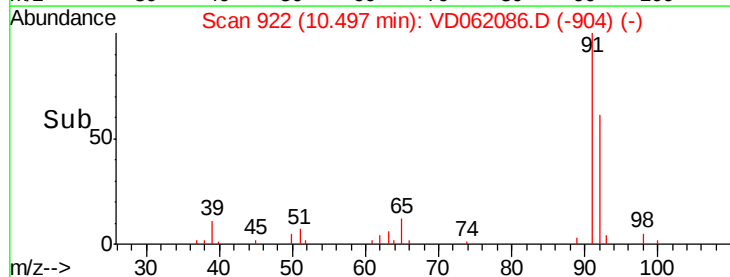
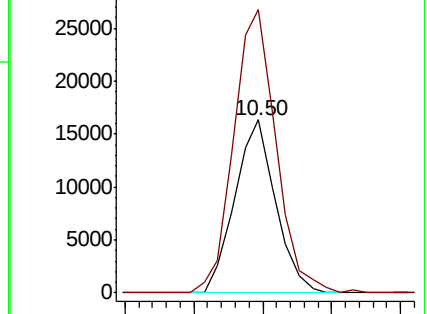
92 100

91 163.7 136.6 204.8



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: 3.037 ug/l

RT: 10.90 min Scan# 963

Delta R.T. -0.02 min

Lab File: VD062086.D

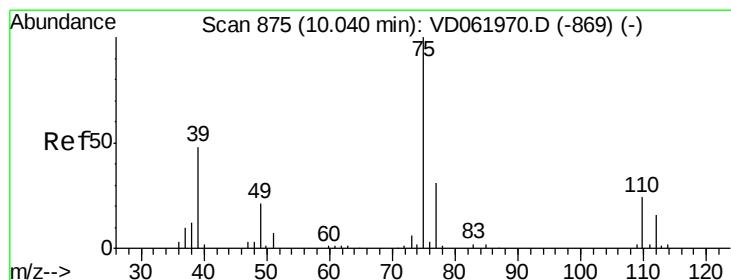
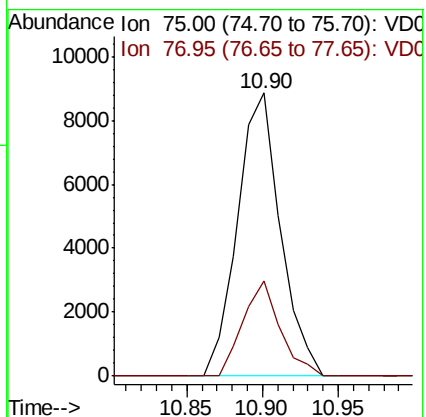
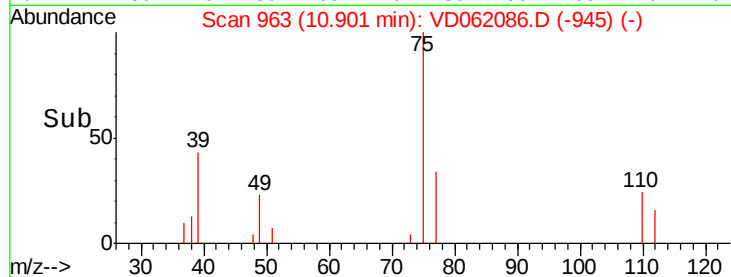
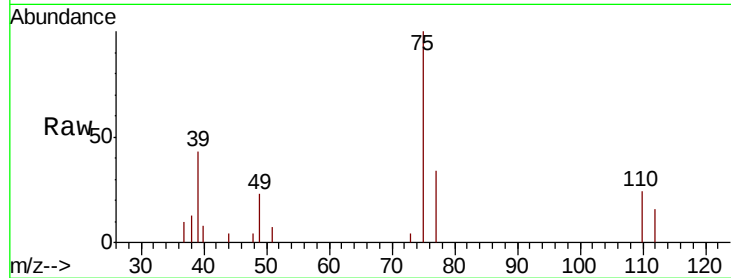
Acq: 30 Apr 2019 14:39

Tot Ion: 75 Resp: 17488

Ion Ratio Lower Upper

75 100

77 33.8 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 3.065 ug/l

RT: 10.02 min Scan# 874

Delta R.T. -0.02 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

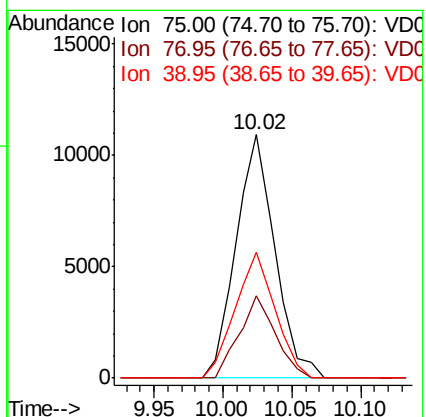
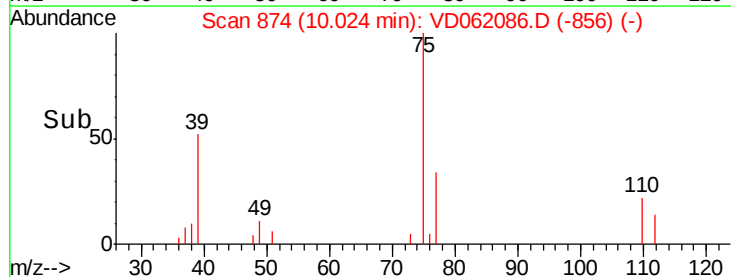
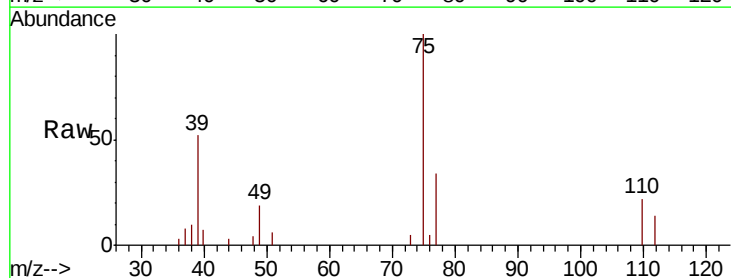
Tgt Ion: 75 Resp: 21465

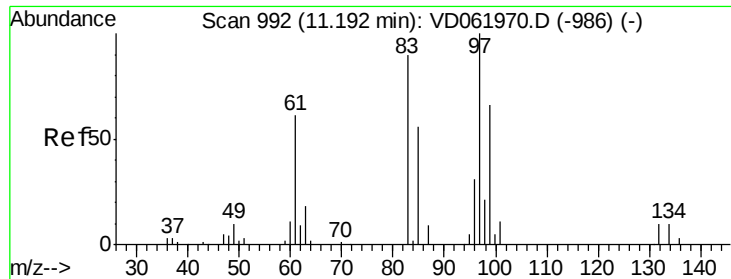
Ion Ratio Lower Upper

75 100

77 33.6 25.5 38.3

39 51.8 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 3.249 ug/l

RT: 11.18 min Scan# 991

Delta R.T. -0.02 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

Tot Ion: 97 Resp: 11059

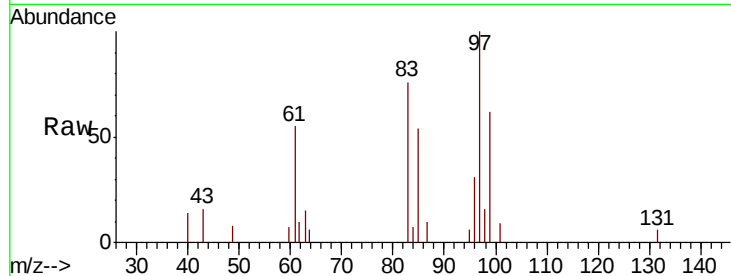
Ion Ratio Lower Upper

97 100

83 75.5 65.7 98.5

85 54.3 45.6 68.4

99 61.7 48.4 72.6

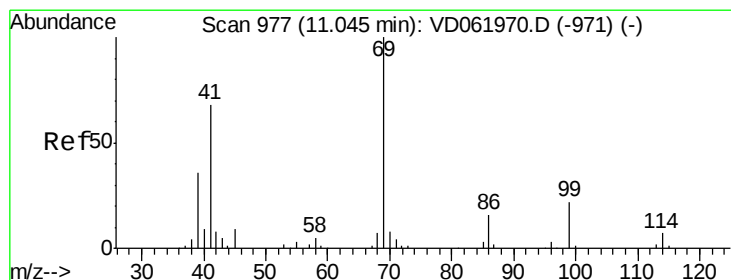
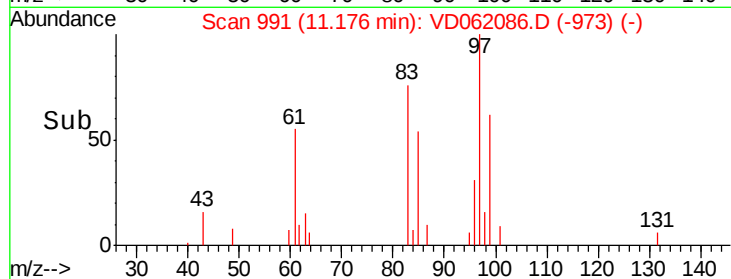
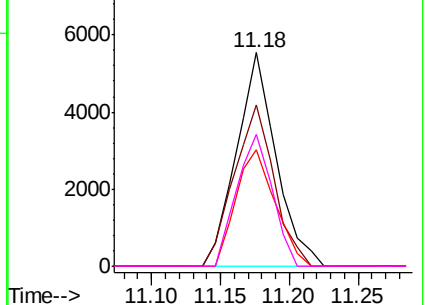


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 2.836 ug/l

RT: 11.03 min Scan# 976

Delta R.T. -0.02 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

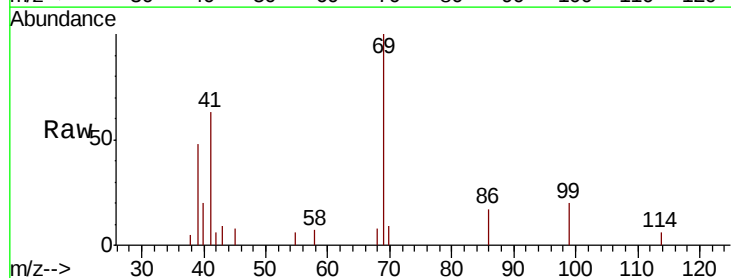
Tgt Ion: 69 Resp: 10691

Ion Ratio Lower Upper

69 100

41 62.6 56.3 84.5

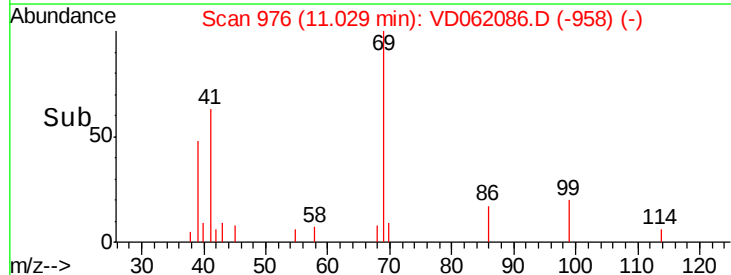
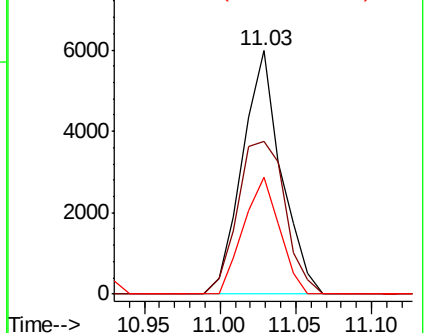
39 48.1 29.4 44.2#

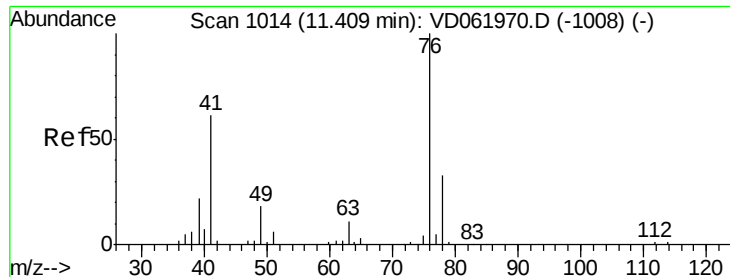


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 3.006 ug/l

RT: 11.39 min Scan# 1013

Delta R.T. -0.02 min

Lab File: VD062086.D

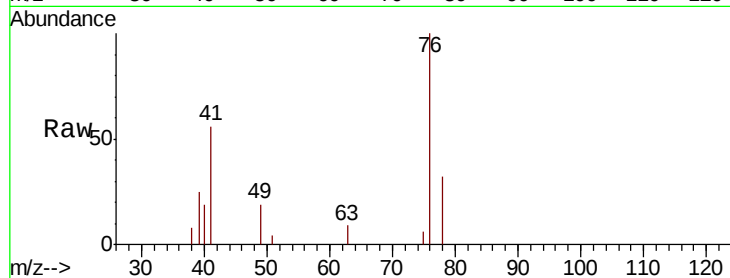
Acq: 30 Apr 2019 14:39

Tot Ion: 76 Resp: 15805

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

8000

6000

4000

2000

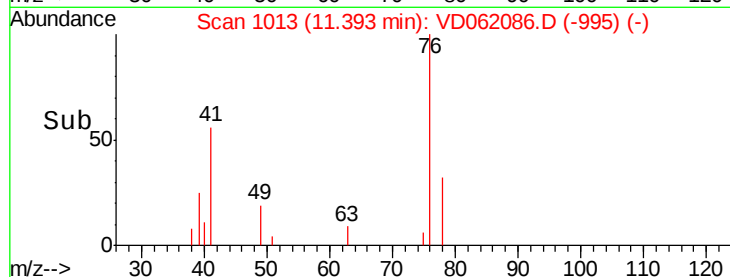
0

11.39

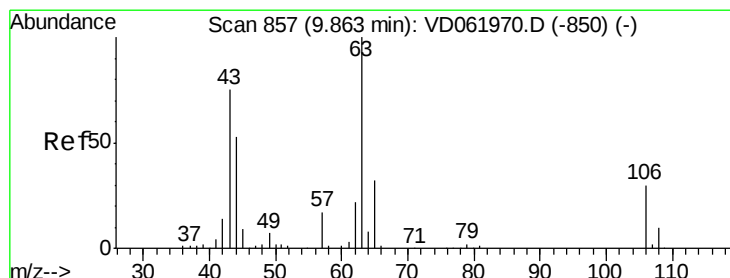
11.35

11.40

11.45



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 16.160 ug/l

RT: 9.84 min Scan# 855

Delta R.T. -0.03 min

Lab File: VD062086.D

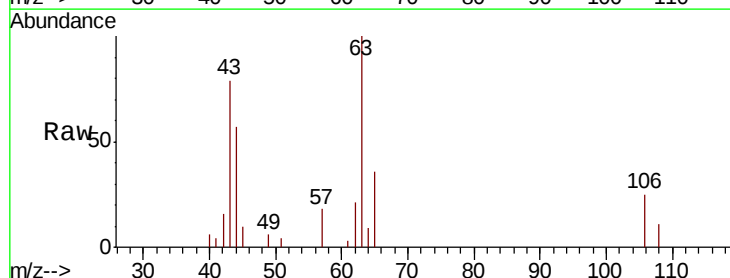
Acq: 30 Apr 2019 14:39

Tgt Ion: 63 Resp: 28326

Ion Ratio Lower Upper

63 100

106 25.4 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

15000

10000

5000

0

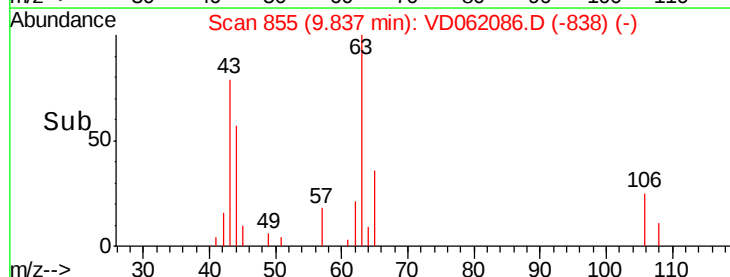
9.84

9.80

9.85

9.90

9.95

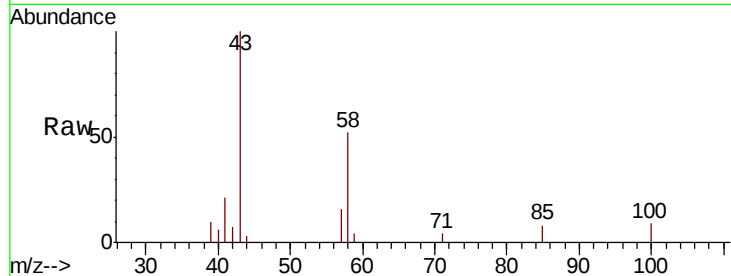


Time-->

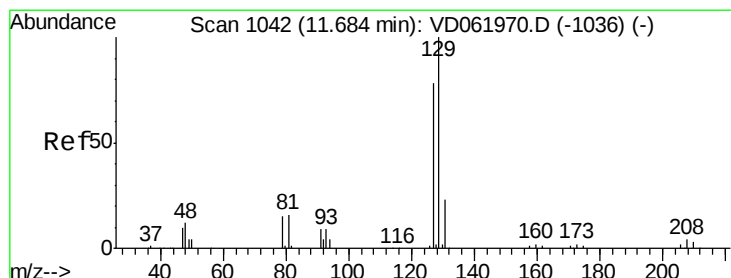
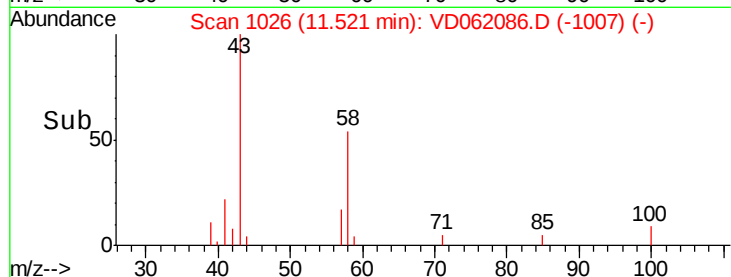
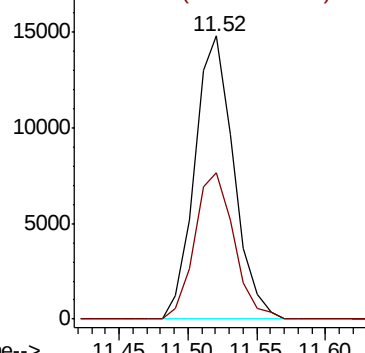


#59
2-Hexanone
Concen: 15.848 ug/l
RT: 11.52 min Scan# 1026
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion: 43 Resp: 29078
Ion Ratio Lower Upper
43 100
58 51.6 25.4 76.4

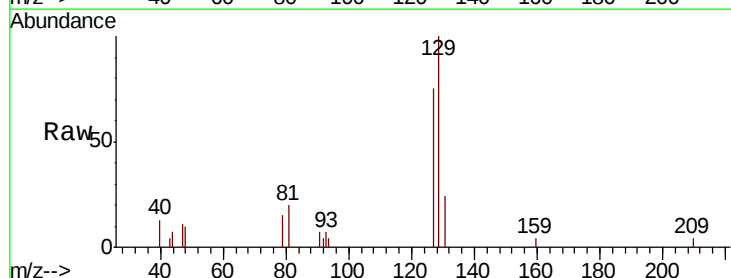


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

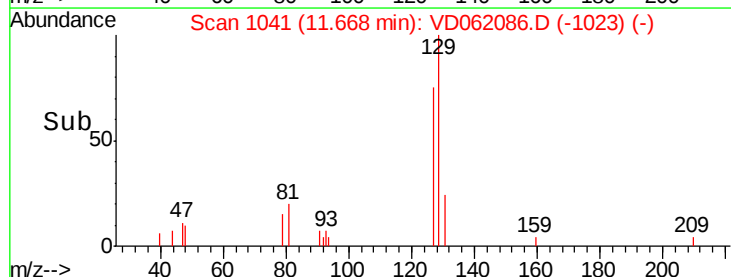
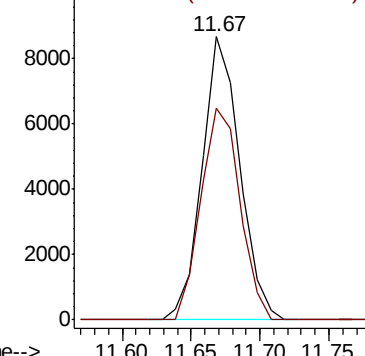


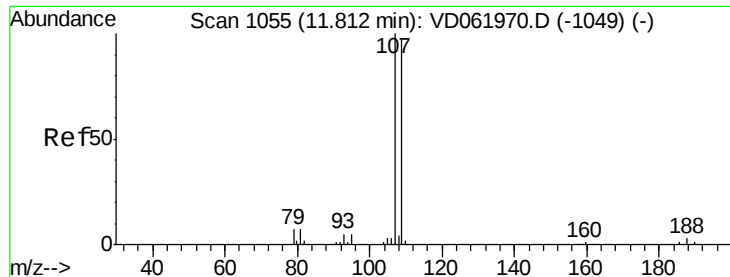
#60
Dibromochloromethane
Concen: 2.943 ug/l
RT: 11.67 min Scan# 1041
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion: 129 Resp: 16577
Ion Ratio Lower Upper
129 100
127 74.9 38.0 113.9



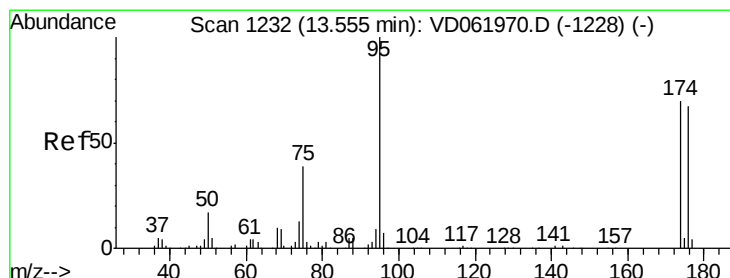
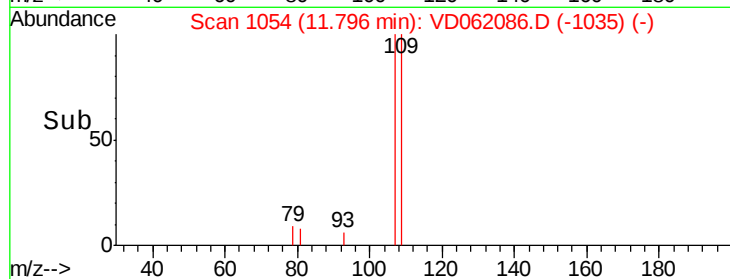
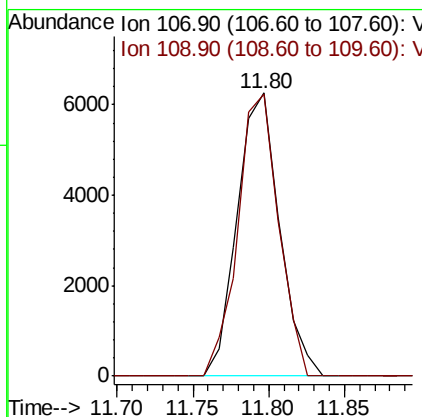
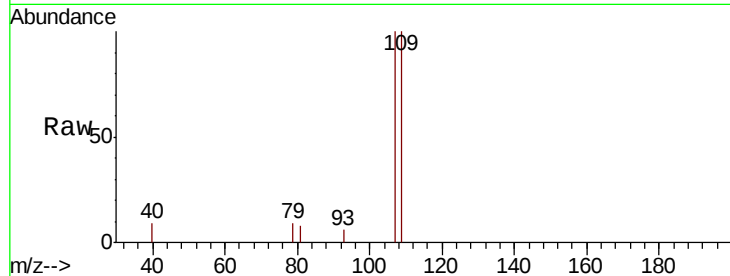
Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





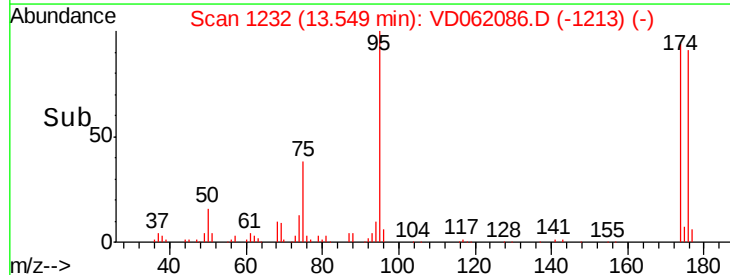
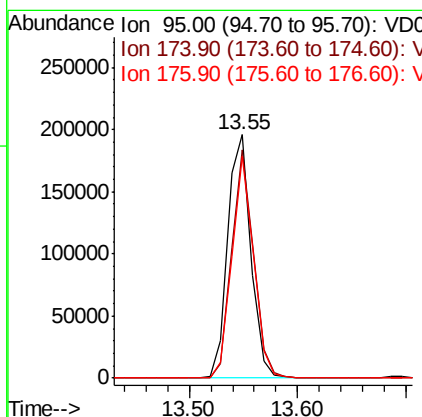
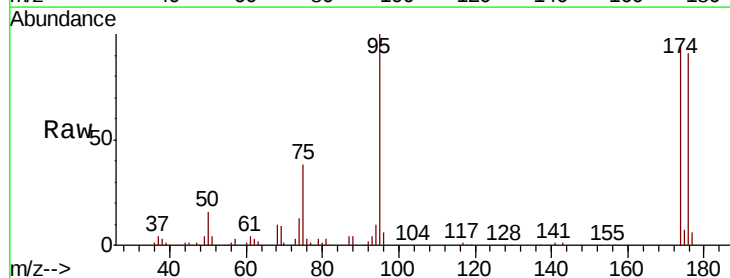
#61
 1,2-Dibromoethane
 Concen: 3.019 ug/l
 RT: 11.80 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

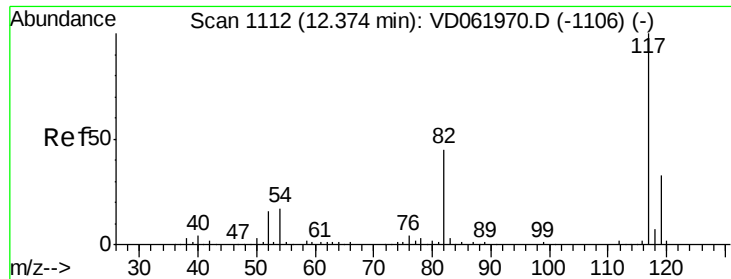
Tot Ion:107 Resp: 12191
 Ion Ratio Lower Upper
 107 100
 109 99.6 78.3 117.5



#62
 4-Bromofluorobenzene
 Concen: 53.677 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

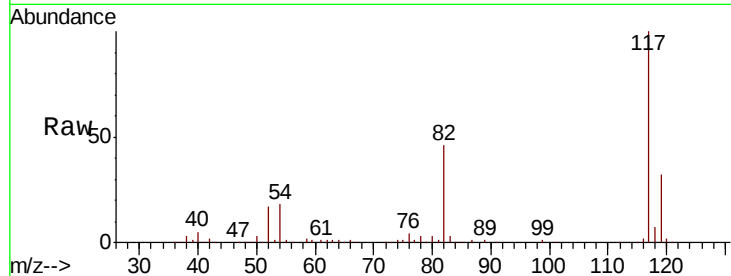
Tgt Ion: 95 Resp: 292113
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 181.8
 176 91.3 0.0 174.4



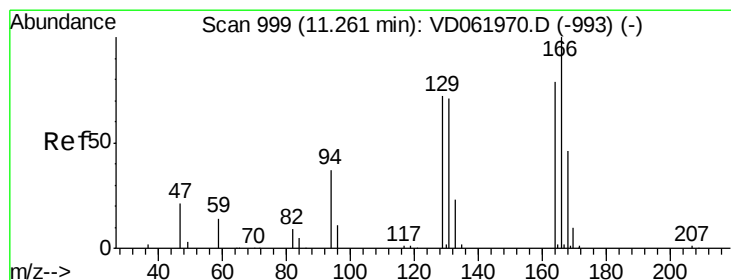
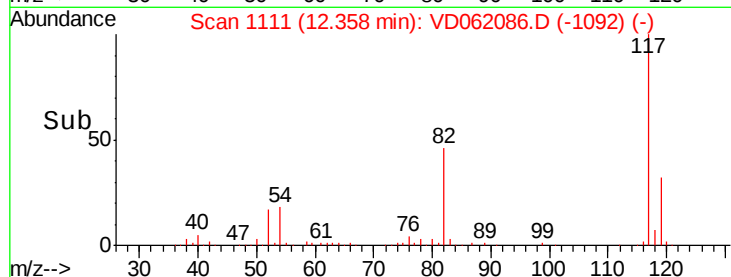
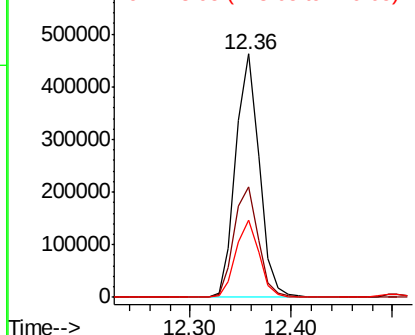


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion:117 Resp: 749824
Ion Ratio Lower Upper
117 100
82 45.6 36.2 54.2
119 31.8 26.2 39.4

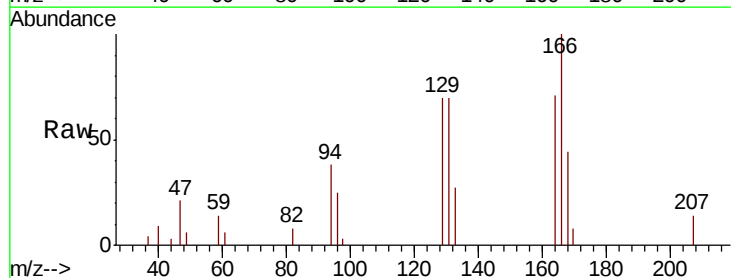


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

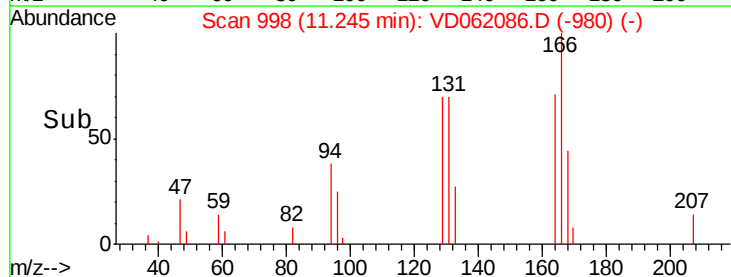
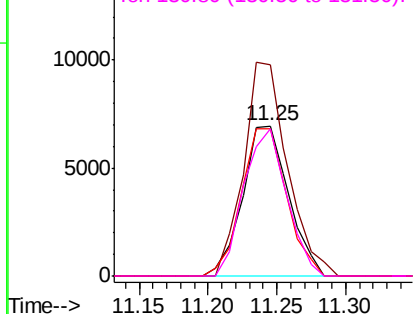


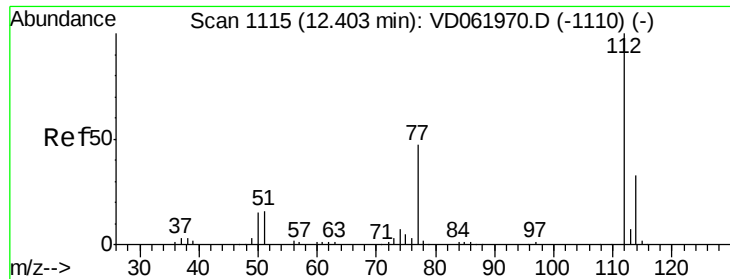
#64
Tetrachloroethene
Concen: 3.018 ug/l
RT: 11.25 min Scan# 998
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion:164 Resp: 16143
Ion Ratio Lower Upper
164 100
166 140.7 101.5 152.3
129 98.1 74.6 112.0
131 98.2 72.6 108.8



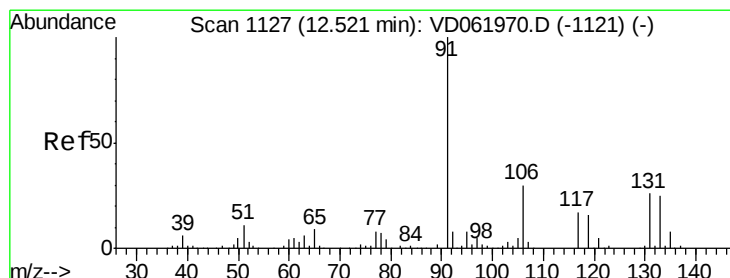
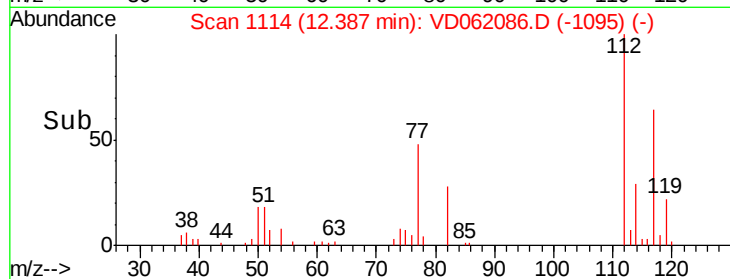
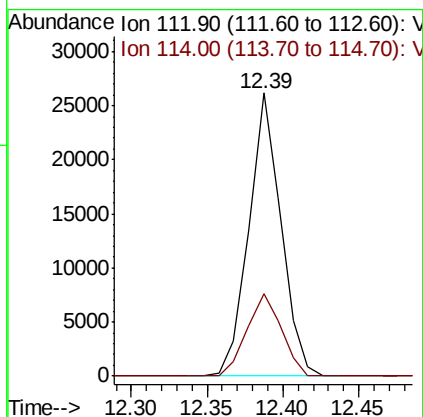
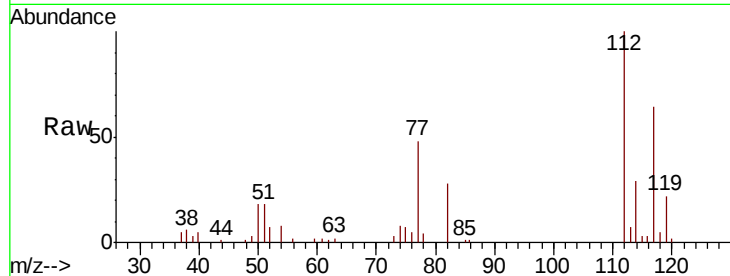
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





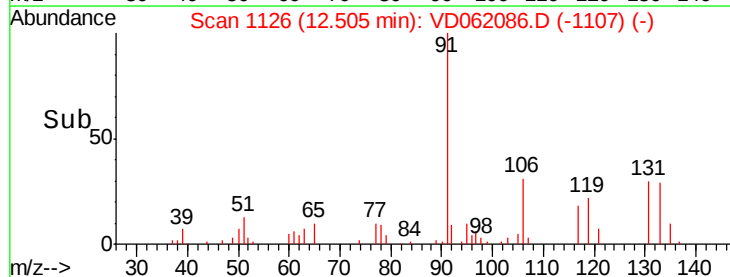
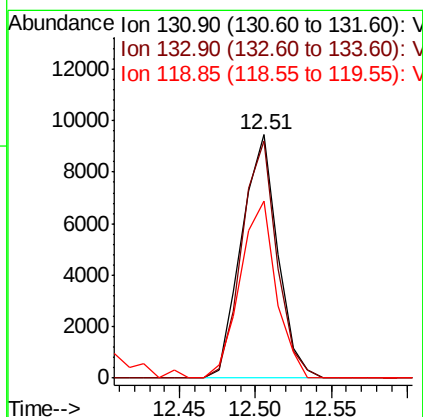
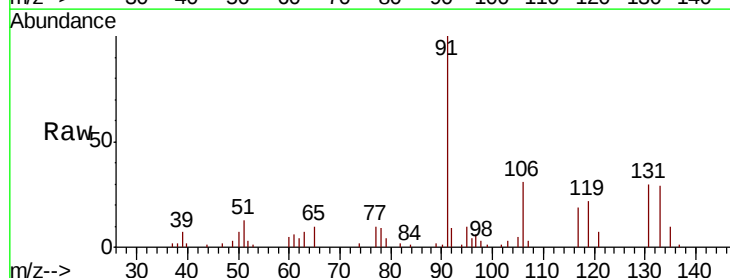
#65
Chlorobenzene
Concen: 2.734 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

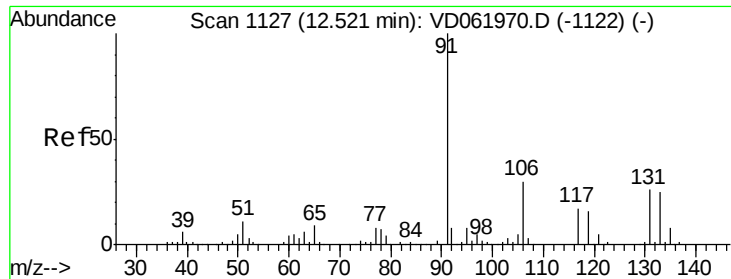
Tot Ion:112 Resp: 38736
Ion Ratio Lower Upper
112 100
114 29.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 2.618 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

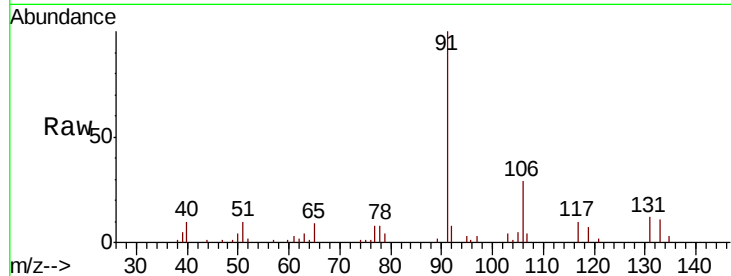
Tgt Ion:131 Resp: 15736
Ion Ratio Lower Upper
131 100
133 97.4 48.6 145.8
119 72.6 34.7 104.1



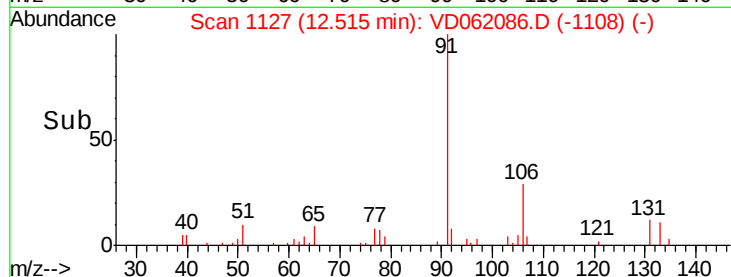
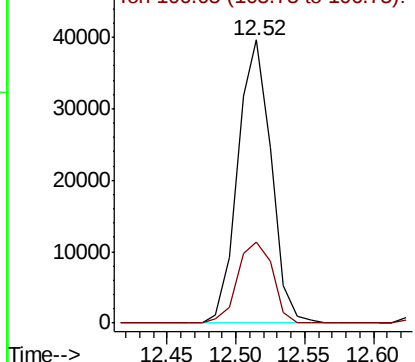


#67
Ethyl Benzene
Concen: 2.882 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion: 91 Resp: 66653
Ion Ratio Lower Upper
91 100
106 28.9 24.7 37.1

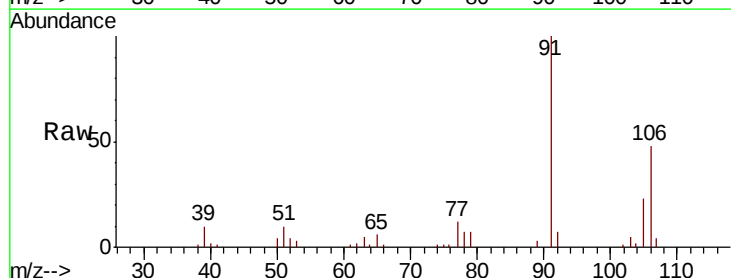


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

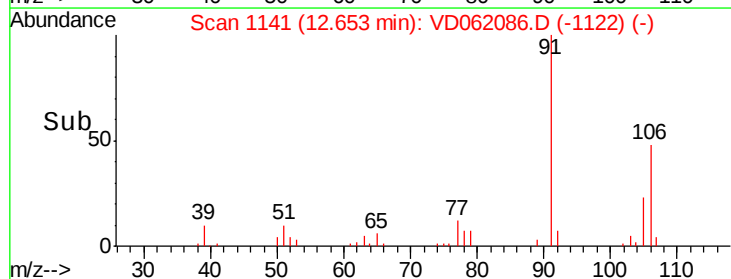
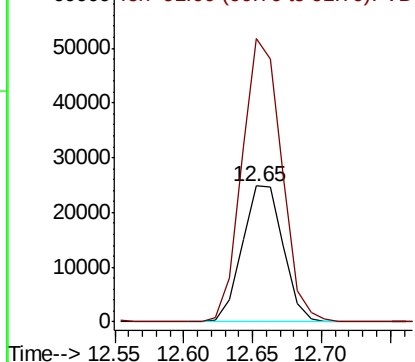


#68
m/p-Xylenes
Concen: 6.156 ug/l
RT: 12.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion: 106 Resp: 51452
Ion Ratio Lower Upper
106 100
91 208.0 164.0 246.0



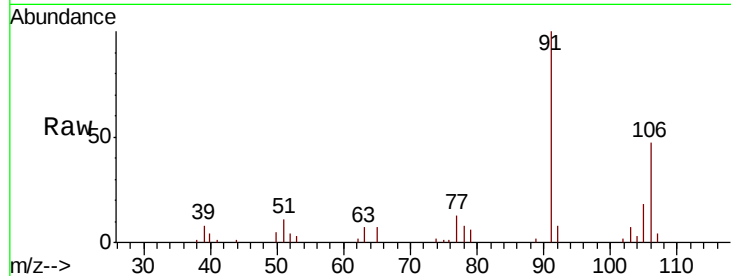
Abundance Ion 106.05 (105.75 to 106.75): VDC
Ion 91.00 (90.70 to 91.70): VDC



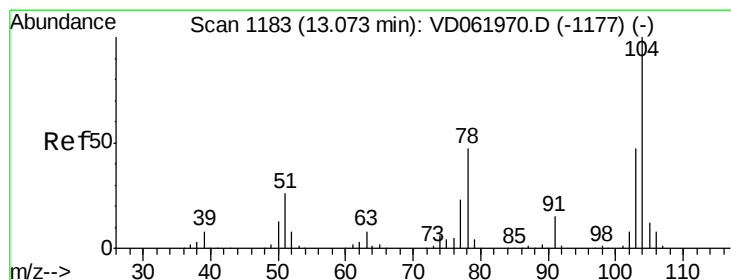
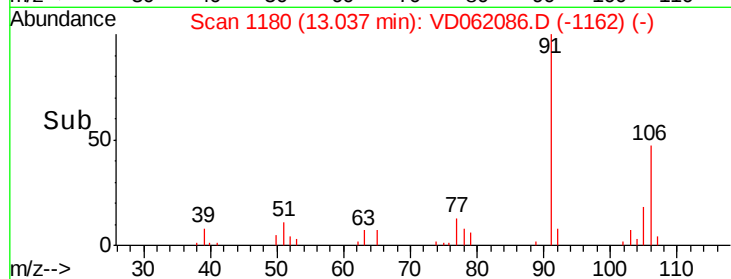
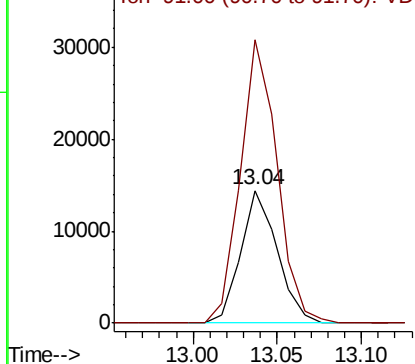


#69
o-Xylene
Concen: 2.829 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion:106 Resp: 21637
Ion Ratio Lower Upper
106 100
91 213.2 106.7 319.9

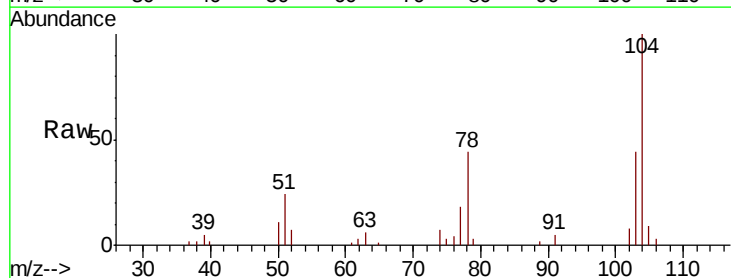


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

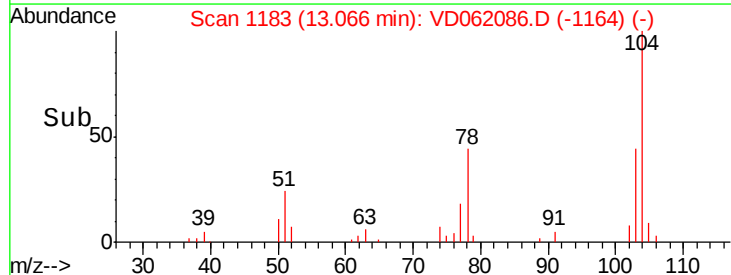
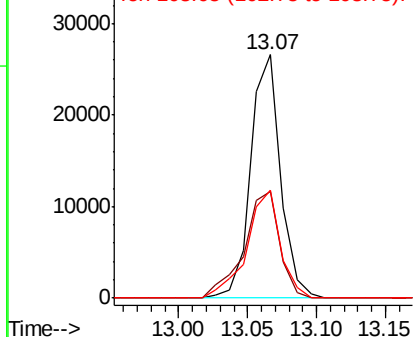


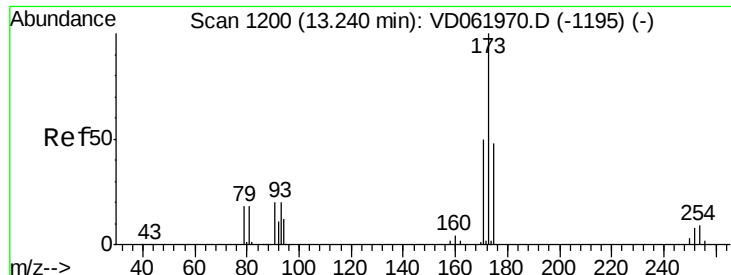
#70
Styrene
Concen: 3.043 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion:104 Resp: 40182
Ion Ratio Lower Upper
104 100
78 43.7 35.4 53.2
103 44.3 37.5 56.3



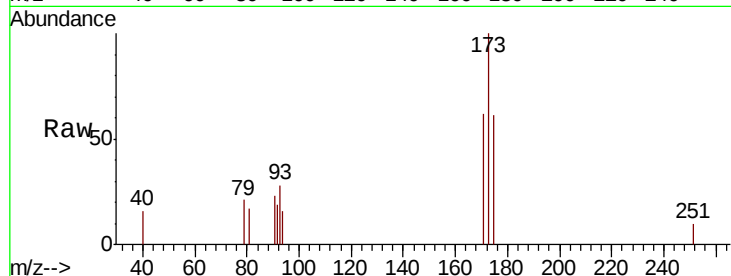
Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V



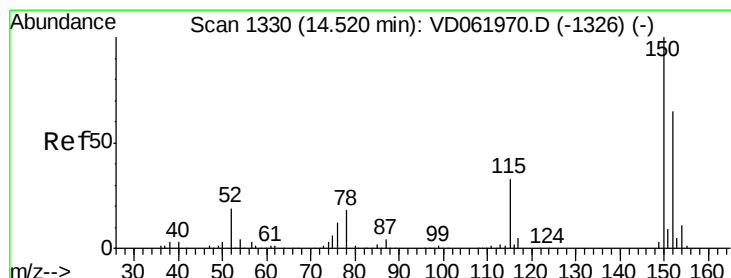
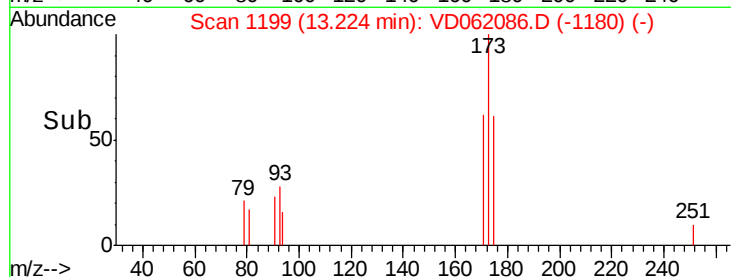
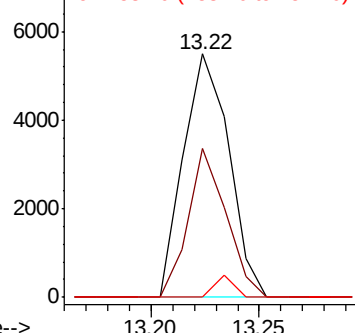


#71
Bromoform
Concen: 2.337 ug/l
RT: 13.22 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion:173 Resp: 8006
Ion Ratio Lower Upper
173 100
175 61.0 24.4 73.4
254 0.0 5.4 8.2#

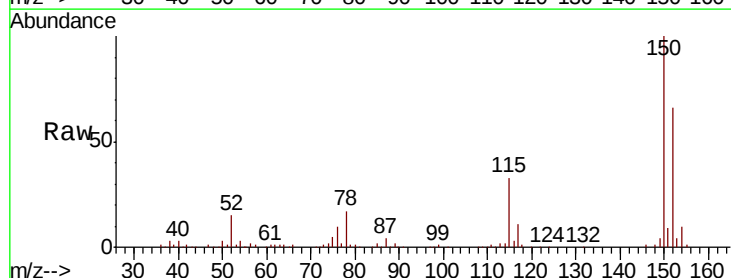


Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V

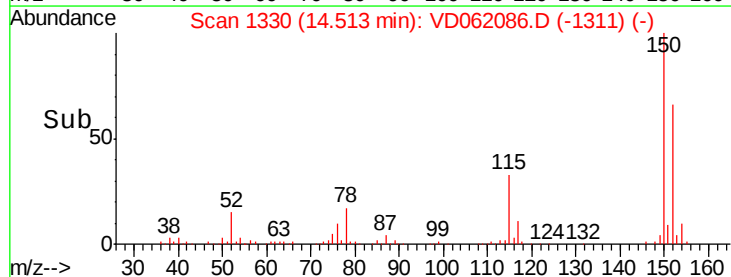
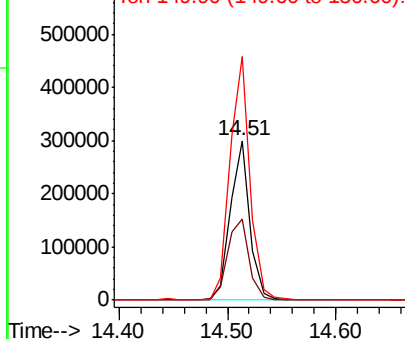


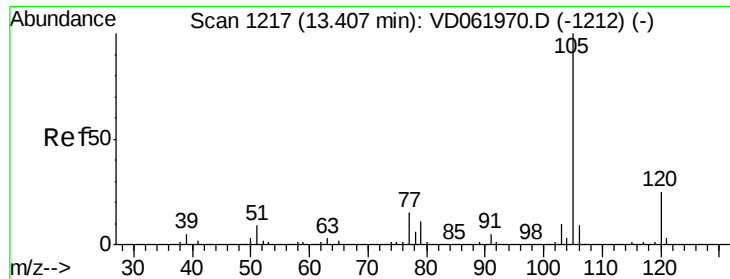
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion:152 Resp: 374202
Ion Ratio Lower Upper
152 100
115 50.9 30.9 92.7
150 152.5 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: 2.630 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062086.D

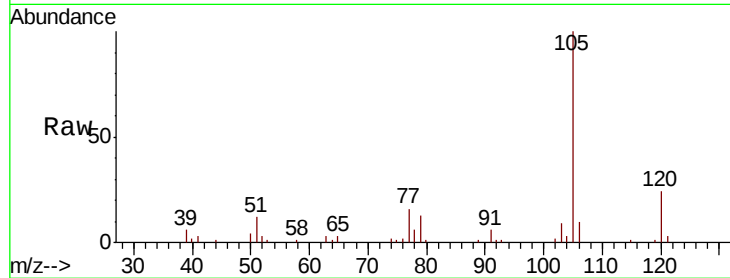
Acq: 30 Apr 2019 14:39

Tot Ion: 105 Resp: 65641

Ion Ratio Lower Upper

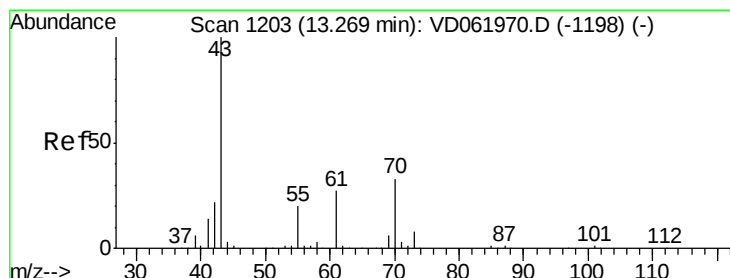
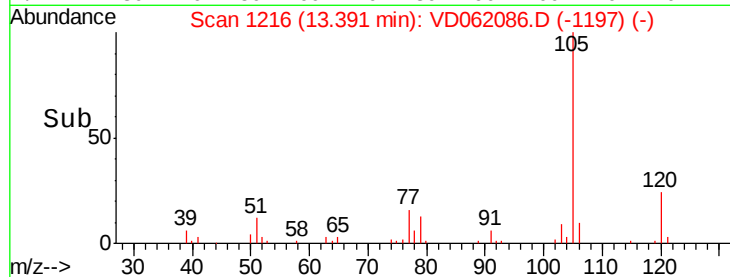
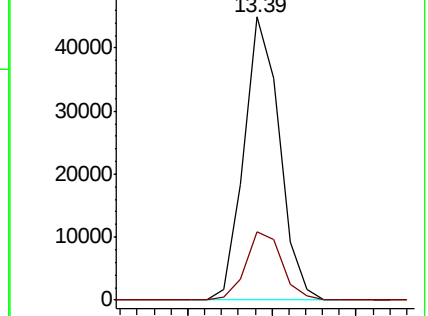
105 100

120 24.3 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 2.329 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

Tgt Ion: 43 Resp: 14969

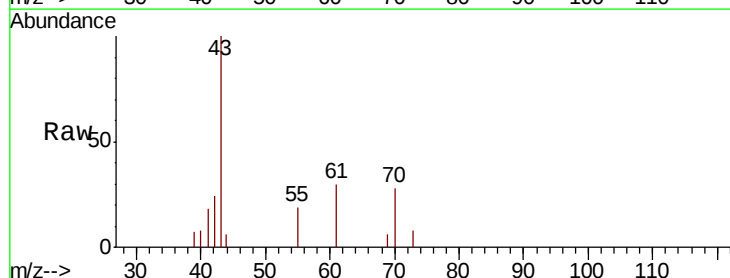
Ion Ratio Lower Upper

43 100

70 27.8 24.2 36.4

55 18.6 16.0 24.0

61 30.1 21.6 32.4

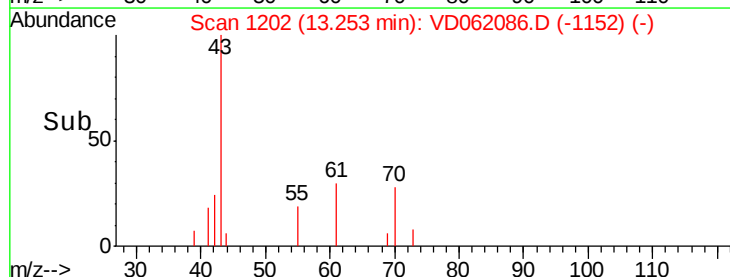
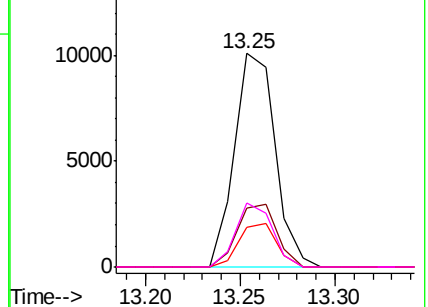


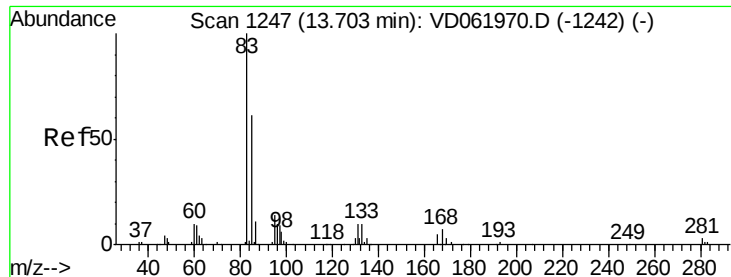
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.740 ug/l

RT: 13.69 min Scan# 1246

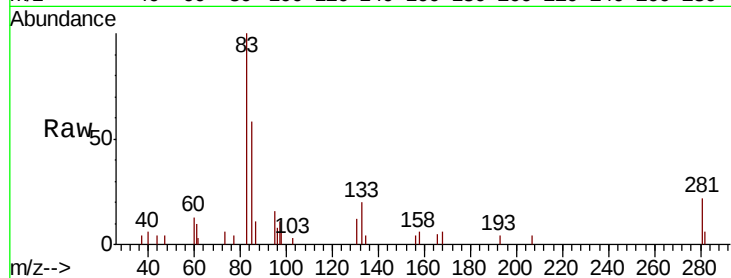
Delta R.T. -0.01 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

Tot Ion: 83 Resp: 13405

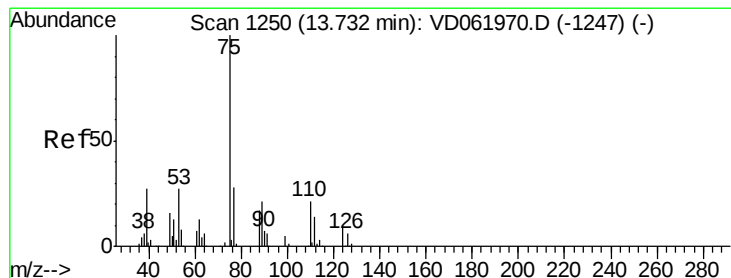
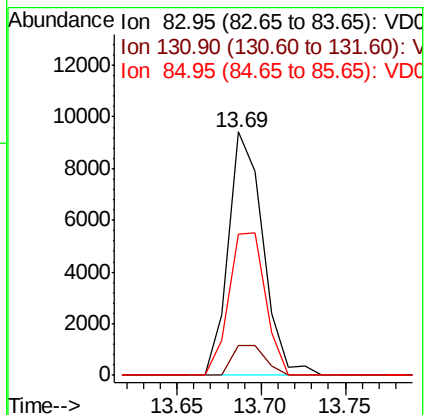
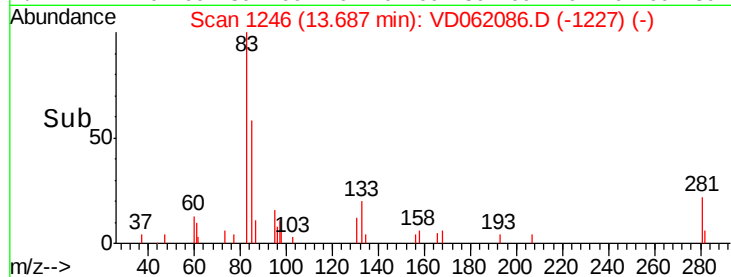
Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.0	14.9
85	57.8	32.6	97.7



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 2.773 ug/l

RT: 13.73 min Scan# 1250

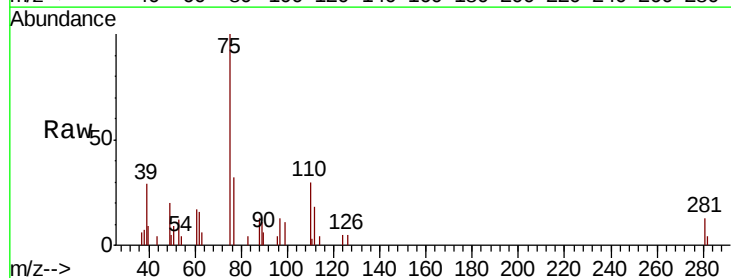
Delta R.T. -0.01 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

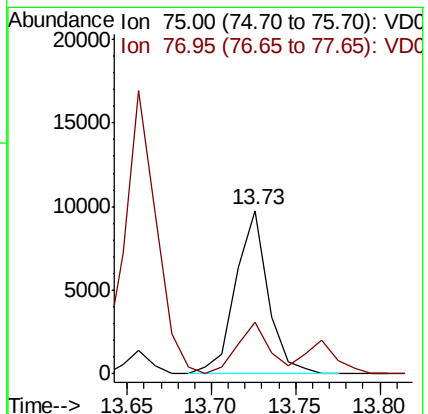
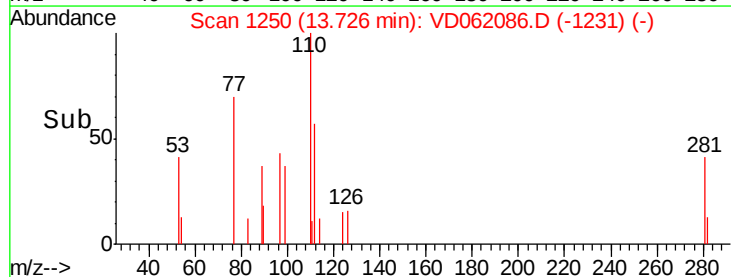
Tgt Ion: 75 Resp: 13179

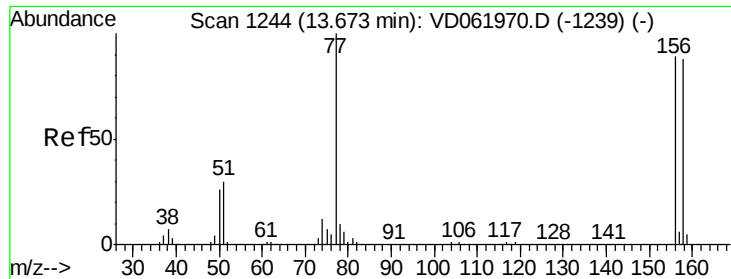
Ion	Ratio	Lower	Upper
75	100		
77	32.0	16.4	49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

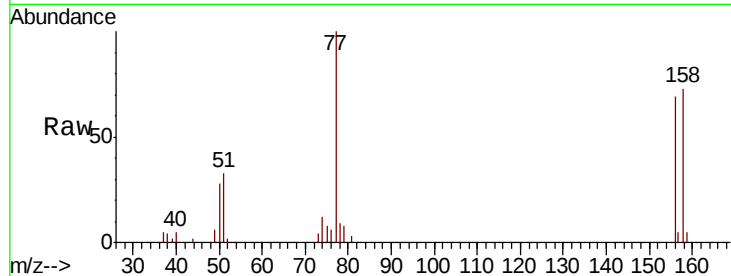
Ion 76.95 (76.65 to 77.65): VDC



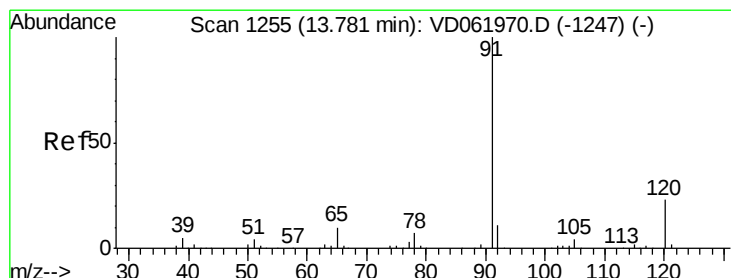
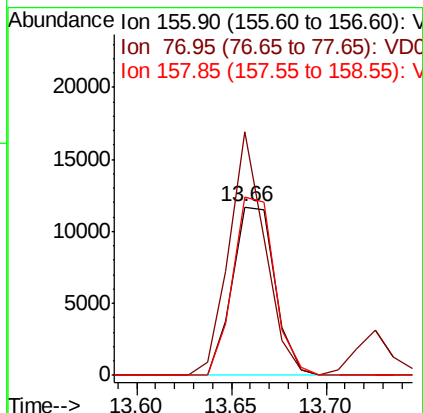
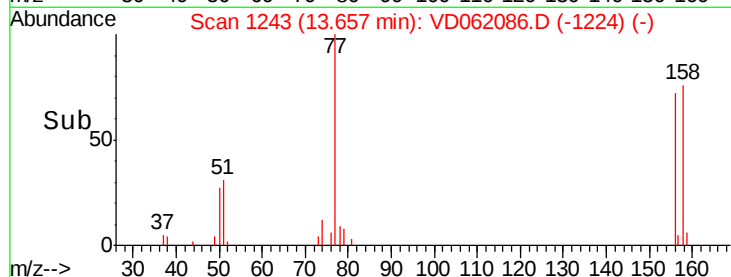


#77
Bromobenzene
Concen: 2.526 ug/l
RT: 13.66 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion:156 Resp: 18090
Ion Ratio Lower Upper
156 100
77 144.6 53.1 159.4
158 105.7 49.4 148.0

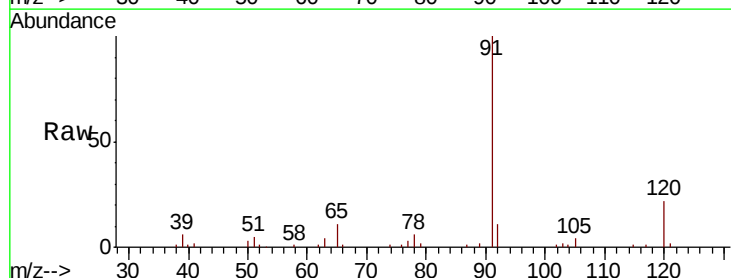


Abundance Ion 155.90 (155.60 to 156.60): V
Ion 76.95 (76.65 to 77.65): VDC
Ion 157.85 (157.55 to 158.55): V

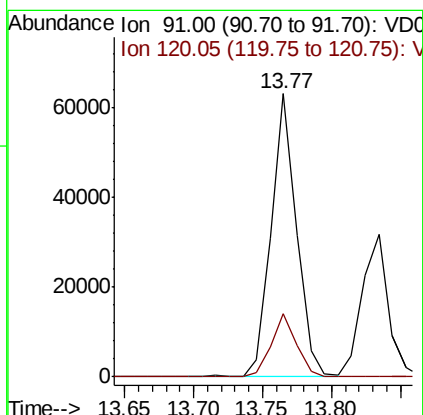
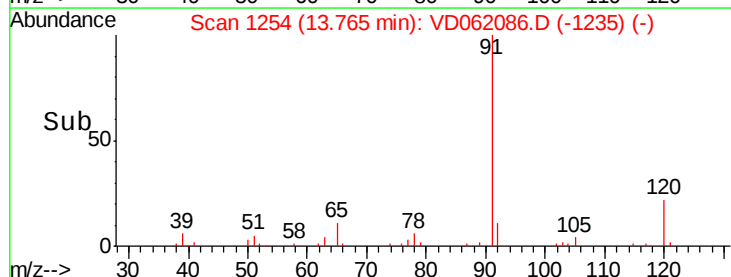


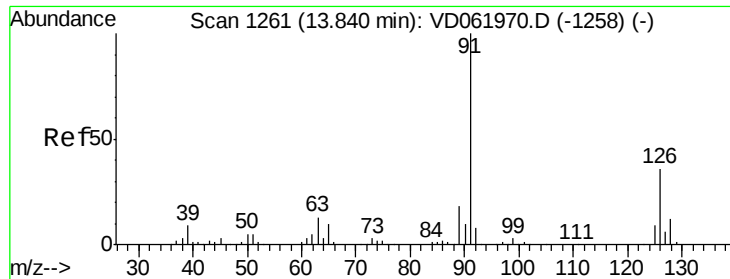
#78
n-propylbenzene
Concen: 2.827 ug/l
RT: 13.77 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion: 91 Resp: 80791
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 2.428 ug/l

RT: 13.83 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VD062086.D

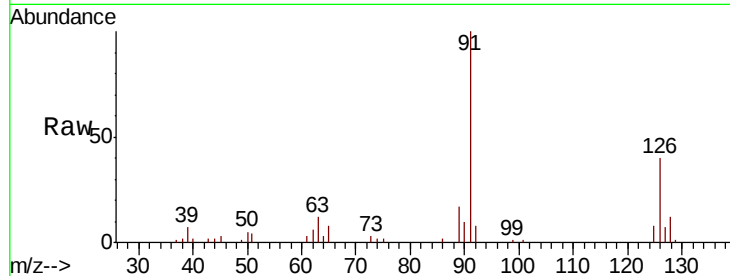
Acq: 30 Apr 2019 14:39

Tot Ion: 91 Resp: 42032

Ion Ratio Lower Upper

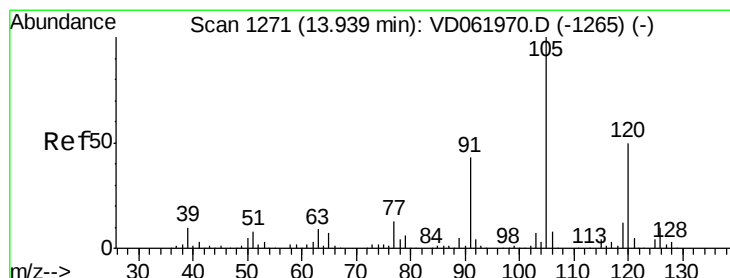
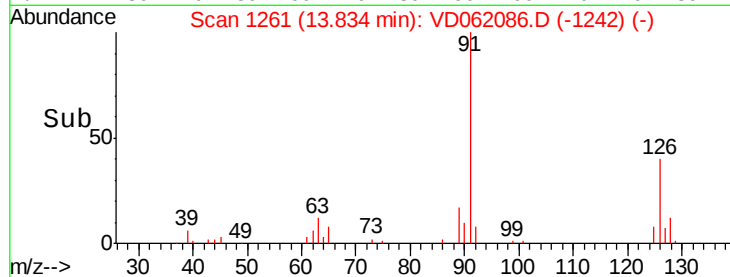
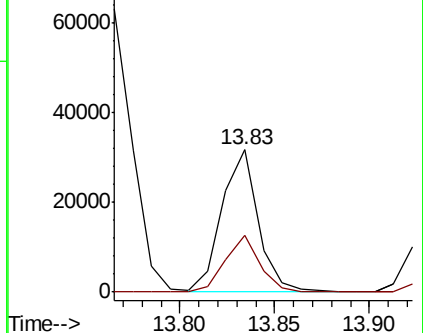
91 100

126 39.8 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VD061970.D (-1258) (-)

Ion 125.95 (125.65 to 126.65): VD061970.D (-1258) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.726 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD062086.D

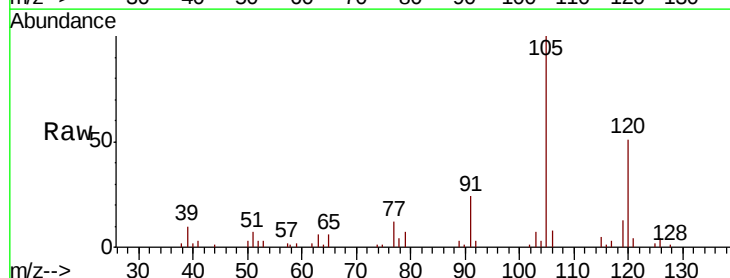
Acq: 30 Apr 2019 14:39

Tgt Ion:105 Resp: 54267

Ion Ratio Lower Upper

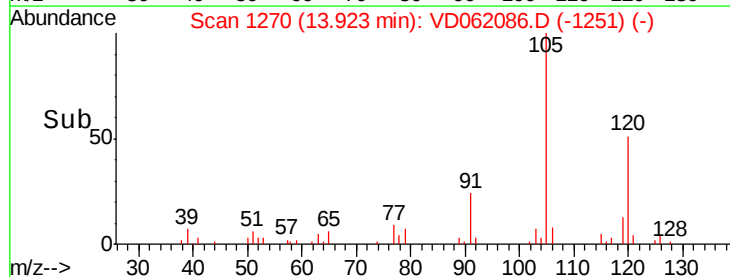
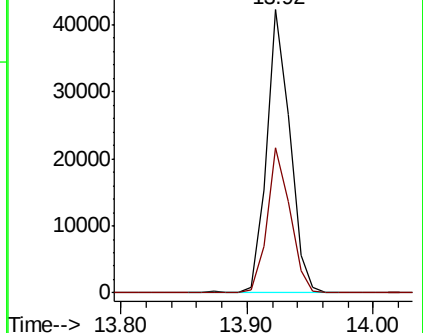
105 100

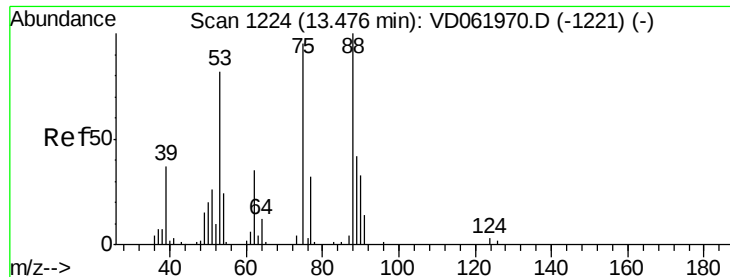
120 51.4 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): VD061970.D (-1265) (-)

Ion 120.05 (119.75 to 120.75): VD061970.D (-1265) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 78.763 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

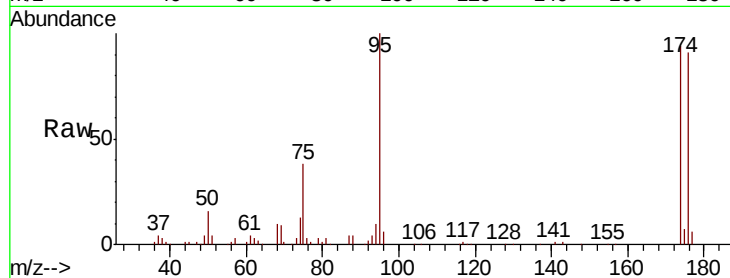
Tot Ion: 75 Resp: 113417

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

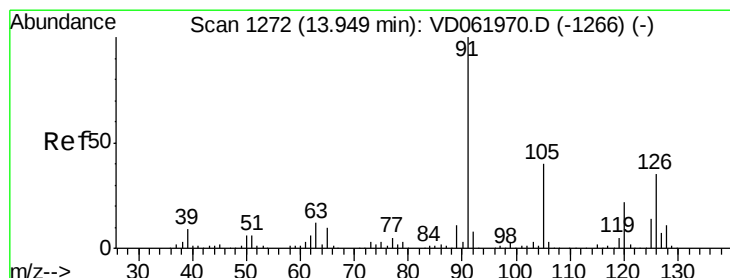
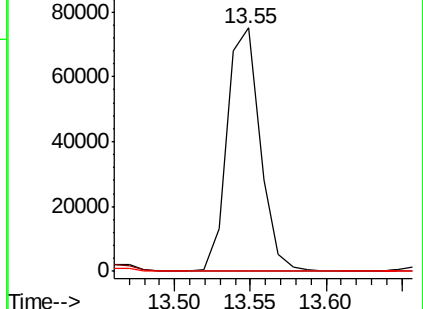
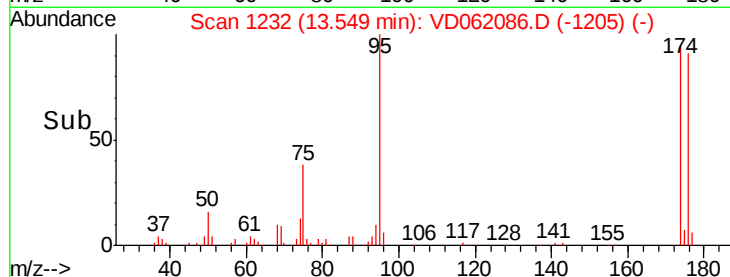
89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 2.739 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. -0.01 min

Lab File: VD062086.D

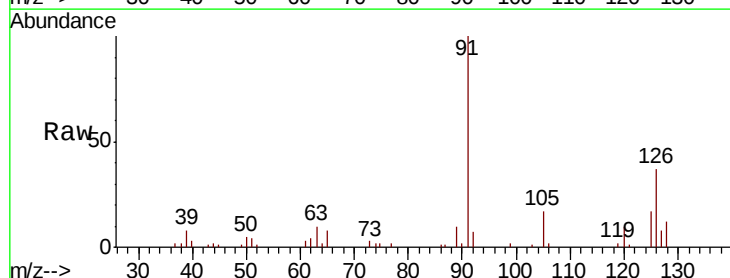
Acq: 30 Apr 2019 14:39

Tgt Ion: 91 Resp: 52209

Ion Ratio Lower Upper

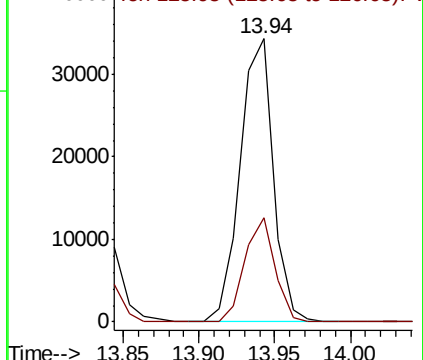
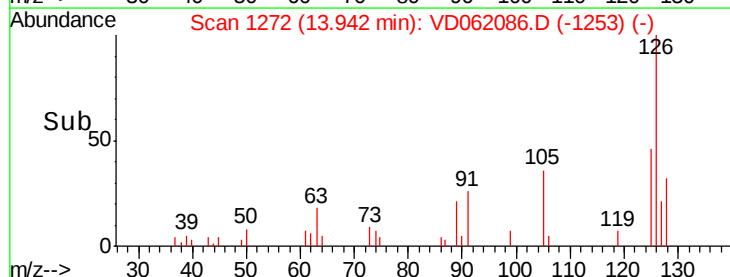
91 100

126 36.7 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

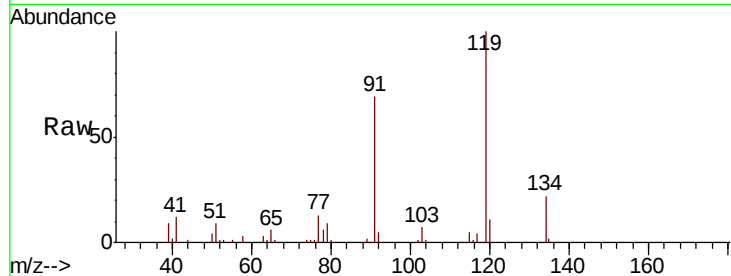
Ion 125.95 (125.65 to 126.65): V



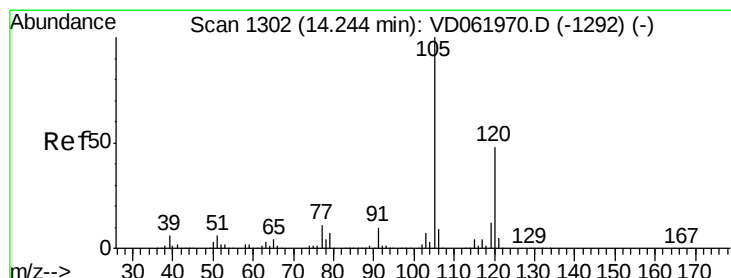
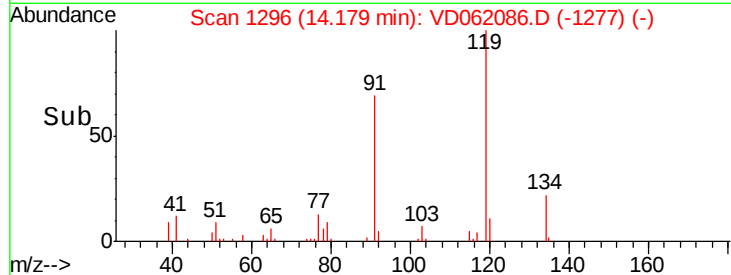
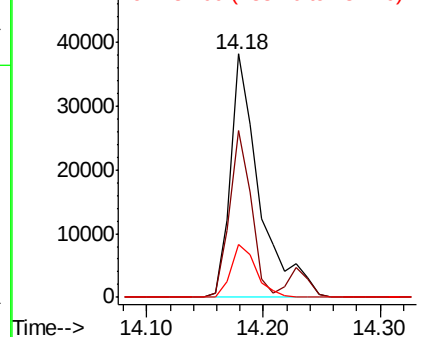


#83
 tert-Butylbenzene
 Concen: 2.860 ug/l
 RT: 14.18 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tot	Ion:119	Resp:	65934
Ion	Ratio	Lower	Upper
119	100		
91	68.8	34.2	102.6
134	21.8	12.0	36.0

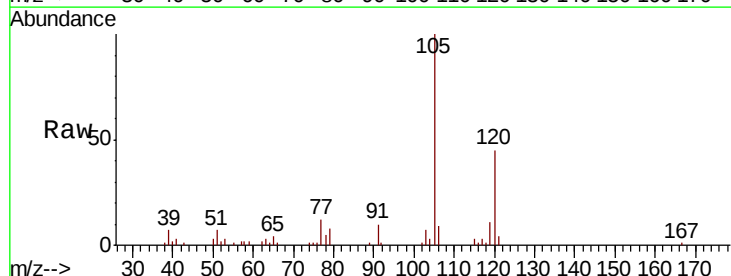


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

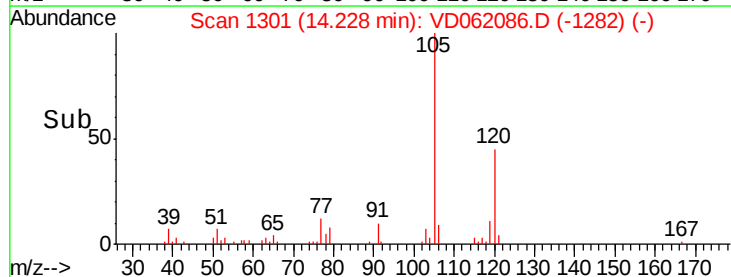
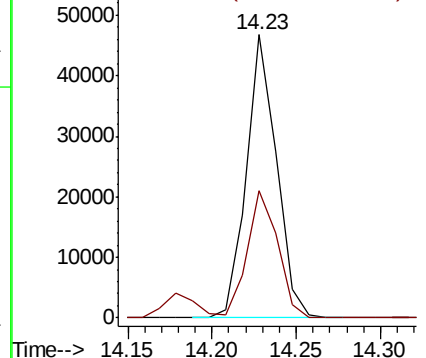


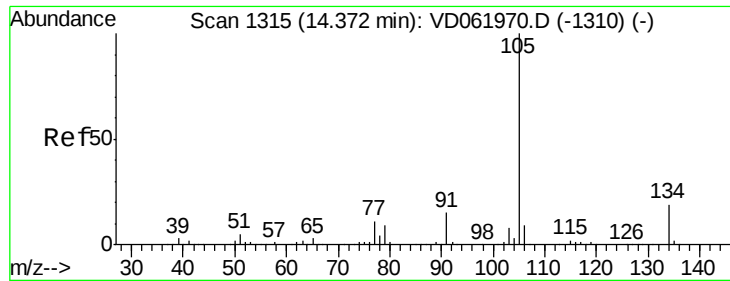
#84
 1,2,4-Trimethylbenzene
 Concen: 3.048 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tgt	Ion:105	Resp:	57928
Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.1	69.2



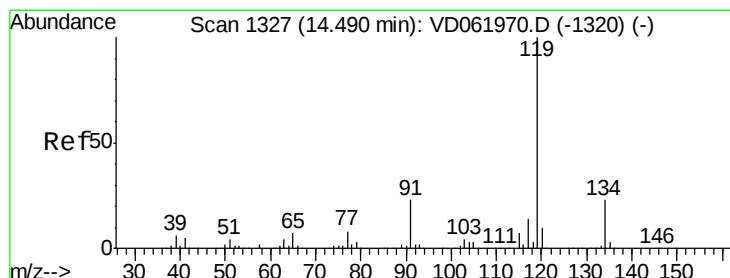
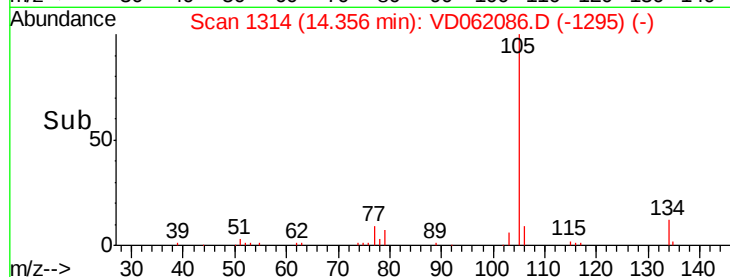
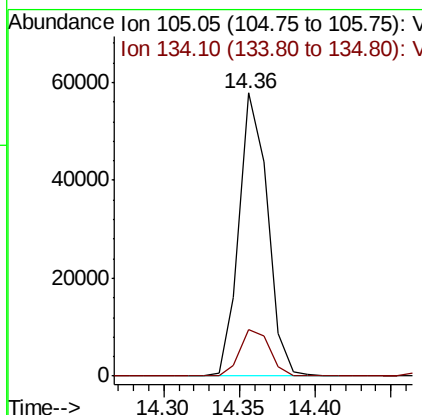
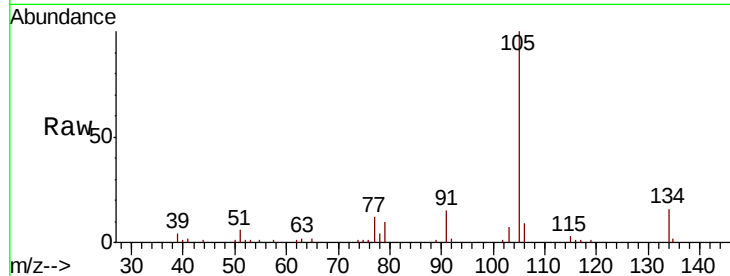
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





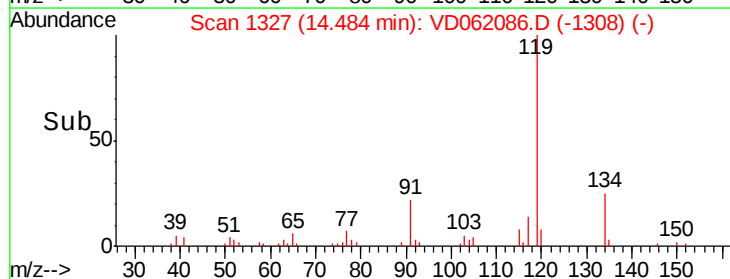
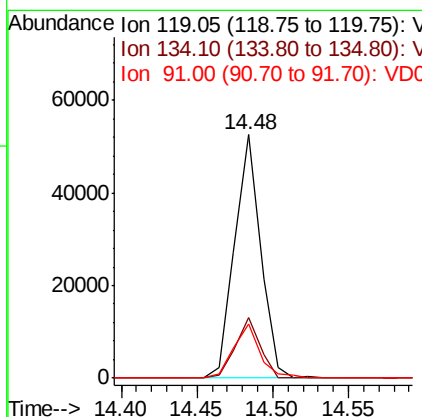
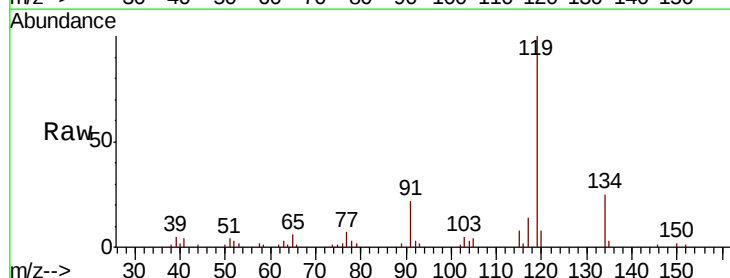
#85
 sec-Butylbenzene
 Concen: 3.048 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tot Ion:105 Resp: 75926
 Ion Ratio Lower Upper
 105 100
 134 16.4 8.9 26.7



#86
 p-Isopropyltoluene
 Concen: 2.810 ug/l
 RT: 14.48 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tgt Ion:119 Resp: 62651
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 22.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.793 ug/l

RT: 14.44 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

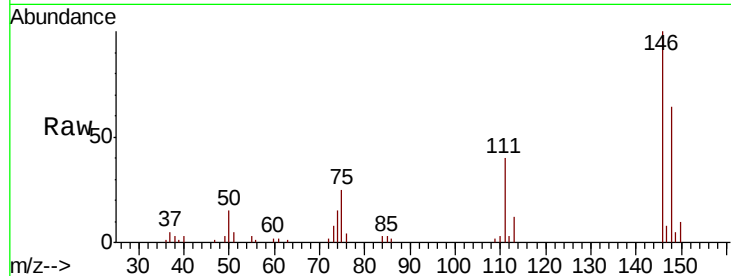
Tot Ion:146 Resp: 35028

Ion Ratio Lower Upper

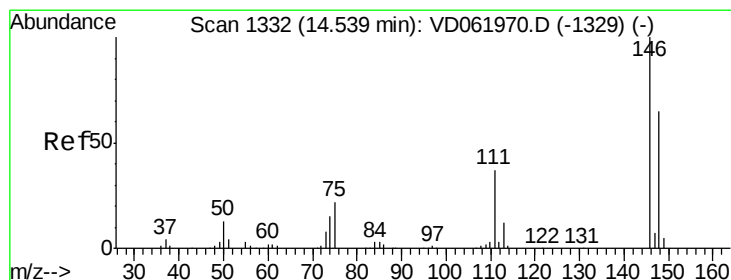
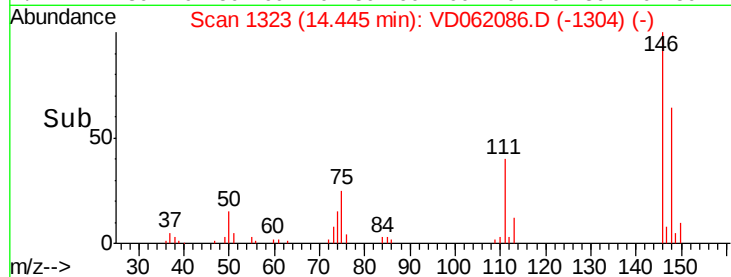
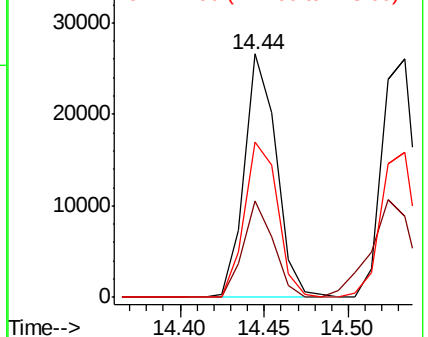
146 100

111 39.6 20.0 60.0

148 63.6 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 3.072 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. -0.01 min

Lab File: VD062086.D

Acq: 30 Apr 2019 14:39

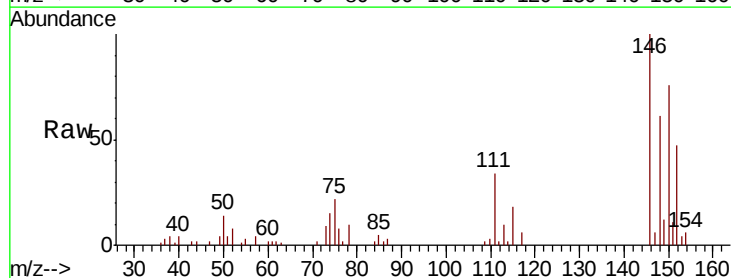
Tgt Ion:146 Resp: 36027

Ion Ratio Lower Upper

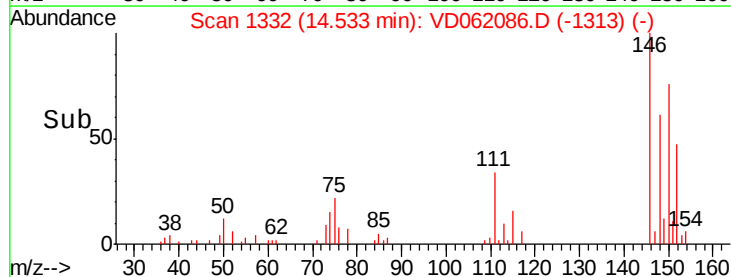
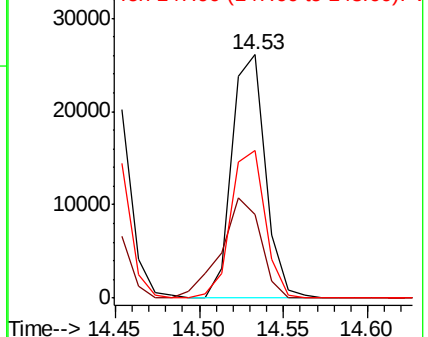
146 100

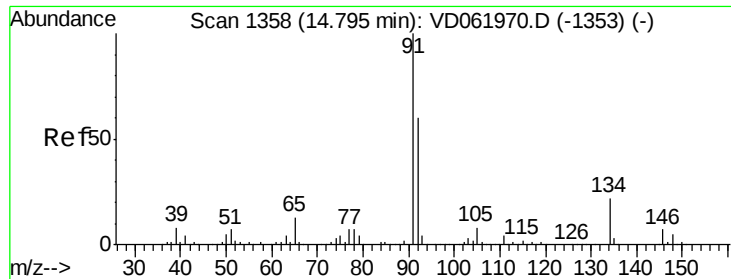
111 34.2 20.2 60.5

148 60.8 32.0 96.2



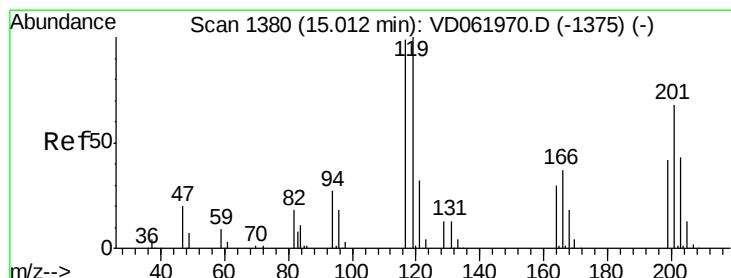
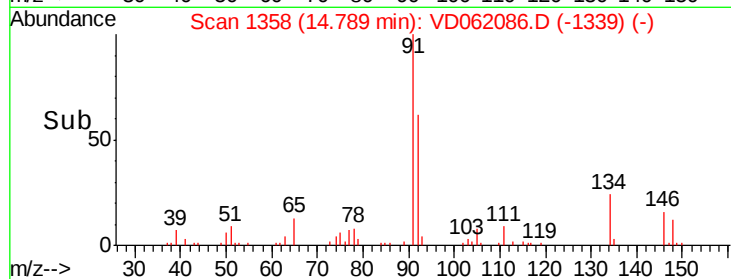
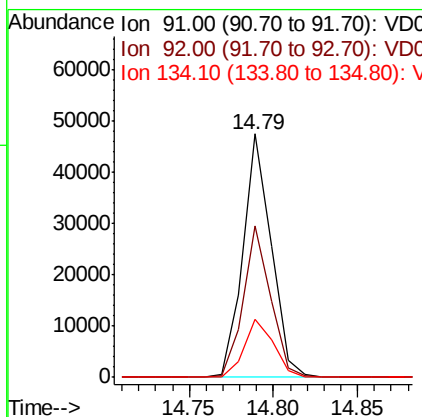
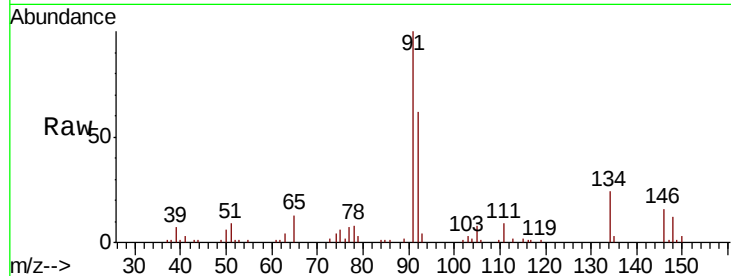
Abundance Ion 145.95 (145.65 to 146.65): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





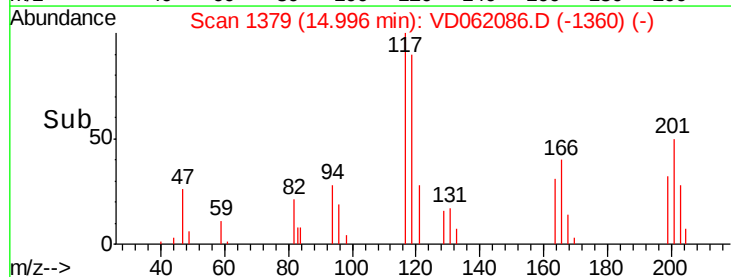
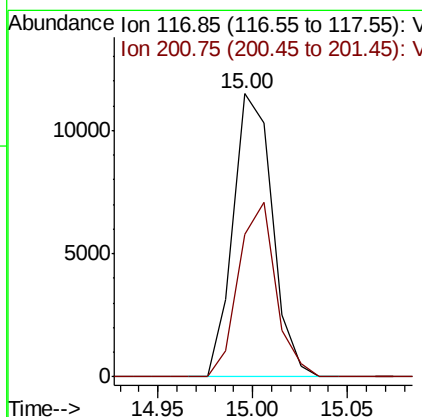
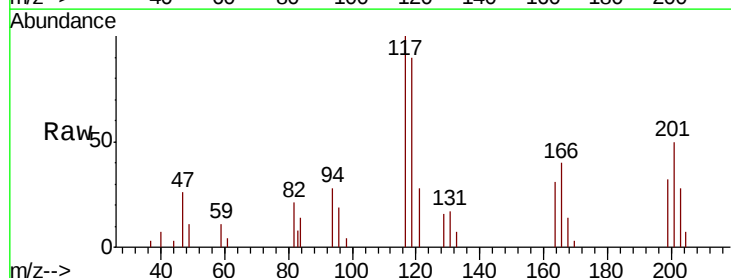
#89
n-Butylbenzene
Concen: 2.763 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion: 91 Resp: 55318
Ion Ratio Lower Upper
91 100
92 62.1 30.3 91.0
134 23.7 14.5 43.6



#90
Hexachloroethane
Concen: 2.727 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

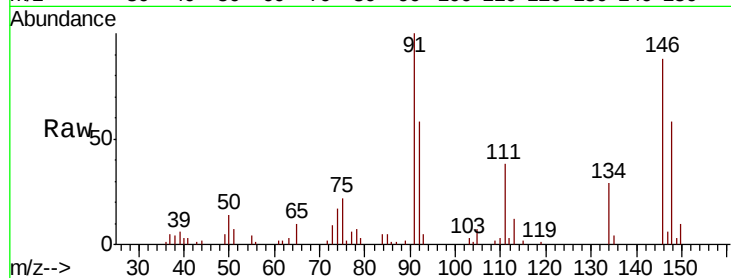
Tgt Ion: 117 Resp: 16439
Ion Ratio Lower Upper
117 100
201 50.4 30.2 90.6



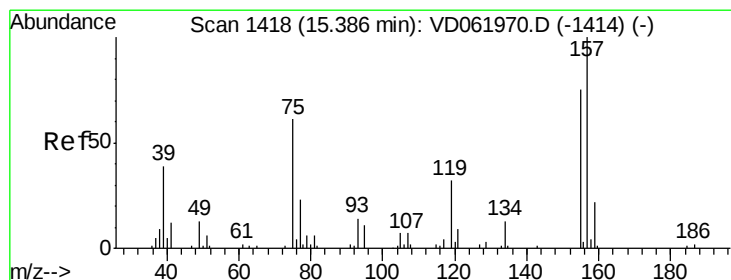
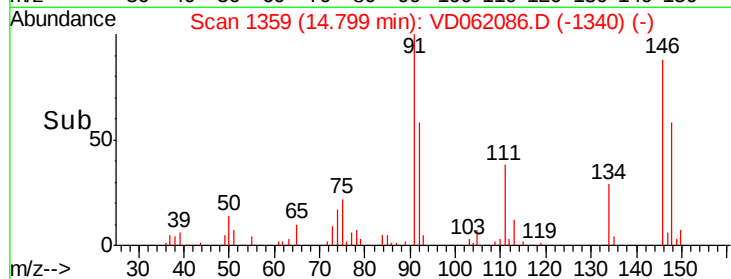
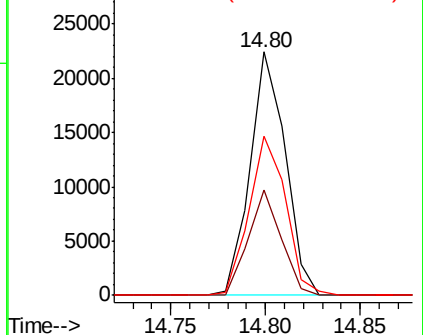


#91
 1,2-Dichlorobenzene
 Concen: 2.803 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tot Ion:146 Resp: 28989
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.0 59.9
 148 65.5 32.3 96.8

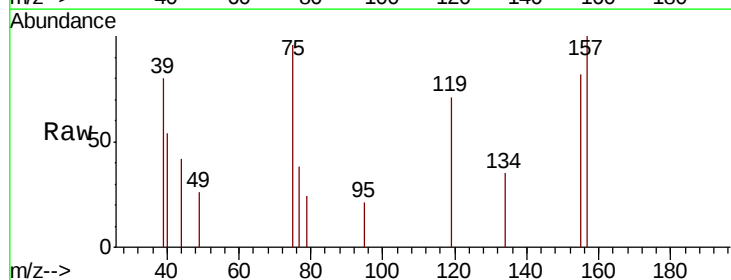


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

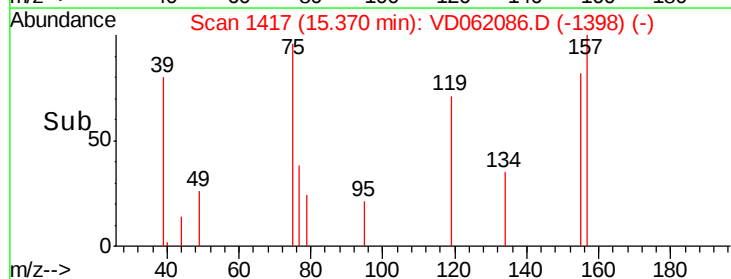
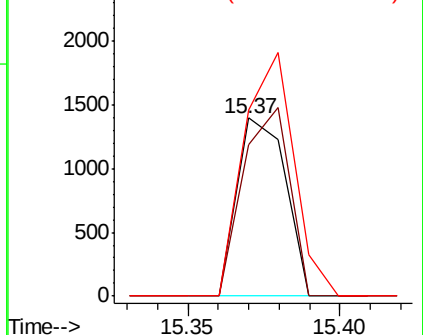


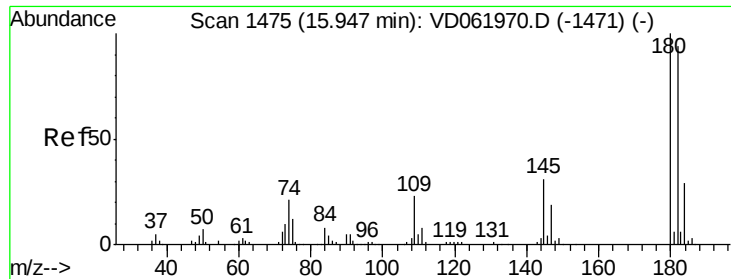
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.665 ug/l
 RT: 15.37 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tgt Ion: 75 Resp: 1547
 Ion Ratio Lower Upper
 75 100
 155 85.2 55.3 165.8
 157 104.5 67.8 203.2



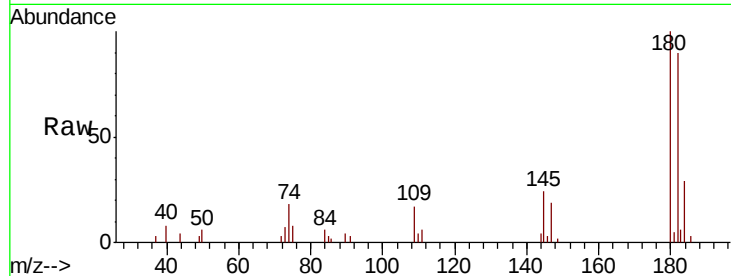
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



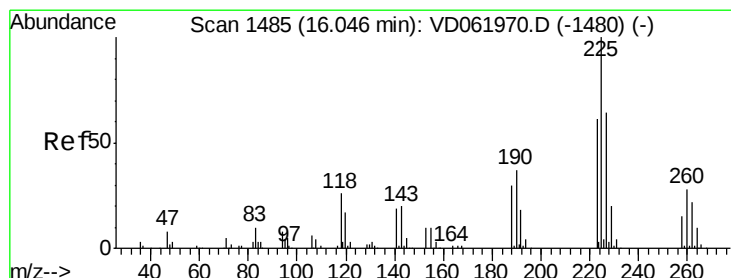
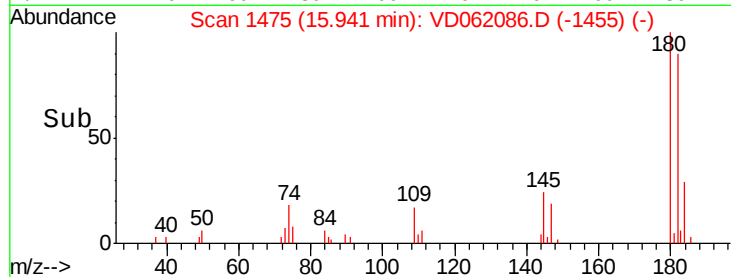
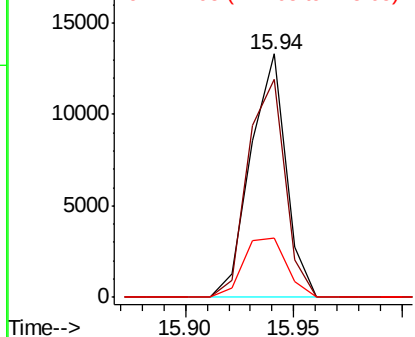


#93
 1,2,4-Trichlorobenzene
 Concen: 2.742 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tot Ion:180 Resp: 15305
 Ion Ratio Lower Upper
 180 100
 182 89.6 49.3 147.8
 145 27.7 16.2 48.6

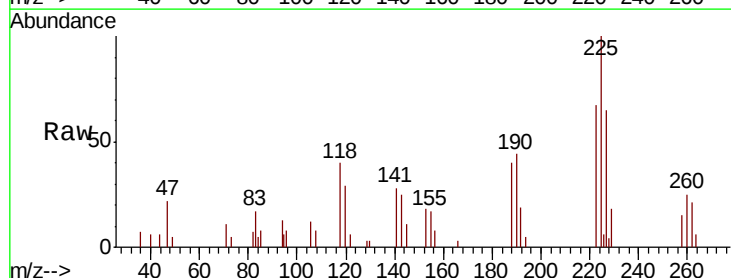


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

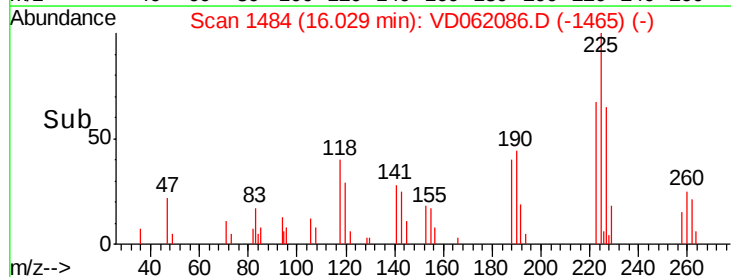
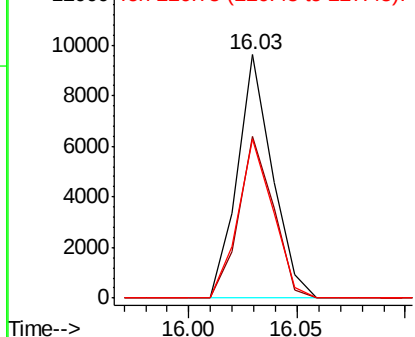


#94
 Hexachlorobutadiene
 Concen: 2.644 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: VD062086.D
 Acq: 30 Apr 2019 14:39

Tgt Ion:225 Resp: 10921
 Ion Ratio Lower Upper
 225 100
 223 66.6 30.6 92.0
 227 65.4 32.0 96.2



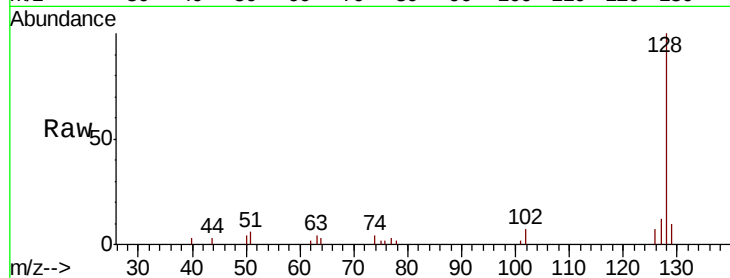
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V



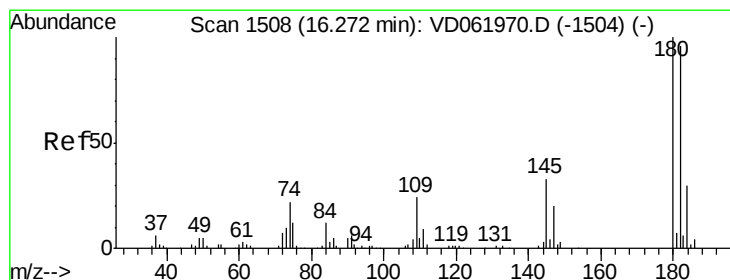
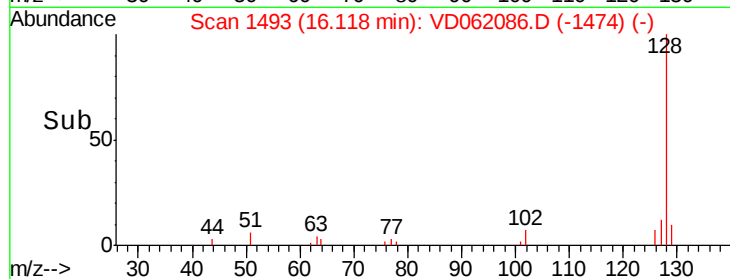
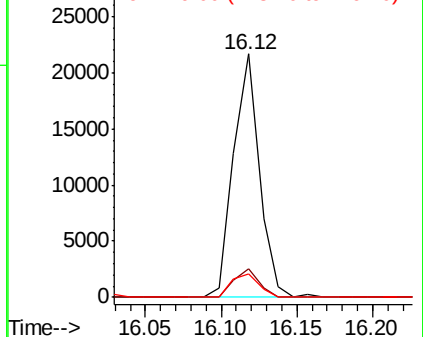


#95
Naphthalene
Concen: 2.846 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tot Ion:128 Resp: 25649
Ion Ratio Lower Upper
128 100
127 11.9 9.8 14.8
129 9.5 8.8 13.2

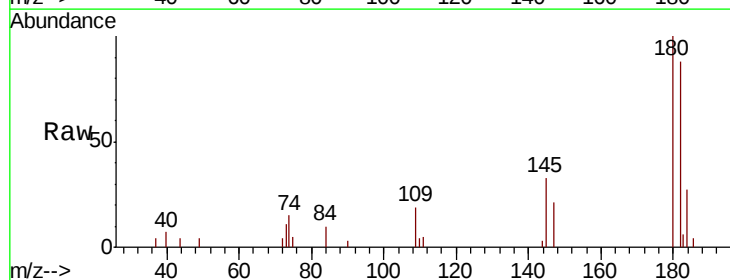


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 3.220 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VD062086.D
Acq: 30 Apr 2019 14:39

Tgt Ion:180 Resp: 10196
Ion Ratio Lower Upper
180 100
182 88.1 47.0 141.0
145 33.1 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

